

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
 Data File : BG044420.D
 Acq On : 13 Feb 2020 16:41
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 14 02:54:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	67682	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	285202	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	183590	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	401288	20.00	ng	0.00
76) Chrysene-d12	21.53	240	380368	20.00	ng	0.00
87) Perylene-d12	24.62	264	409910	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	323068	84.24	ng	0.00
7) Phenol-d6	7.08	99	443578	86.13	ng	0.00
23) Nitrobenzene-d5	9.06	82	416772	82.50	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	182660	84.75	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	952039	86.84	ng	0.00
79) Terphenyl-d14	19.90	244	1416962	76.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	69629	40.410	ng	100
3) Pyridine	3.76	79	209659	45.671	ng	96
4) n-Nitrosodimethylamine	3.68	42	78754	41.054	ng	96
6) Aniline	7.22	93	275192	43.050	ng	98
8) 2-Chlorophenol	7.47	128	179618	42.616	ng	98
9) Benzaldehyde	7.04	77	121210	41.326	ng	95
10) Phenol	7.10	94	218928	42.955	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	185581	42.591	ng	96
12) 1,3-Dichlorobenzene	7.79	146	209425	41.616	ng	98
13) 1,4-Dichlorobenzene	7.94	146	209971	42.128	ng	100
14) 1,2-Dichlorobenzene	8.26	146	201157	42.699	ng	97
15) Benzyl Alcohol	8.14	79	156827	43.014	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	254049	43.077	ng	99
17) 2-Methylphenol	8.35	107	153529	42.221	ng	98
18) Hexachloroethane	8.99	117	76427	40.863	ng	98
19) n-Nitroso-di-n-propylamine	8.71	70	147512	42.980	ng	99
20) 3+4-Methylphenols	8.68	107	214244	42.751	ng	99
22) Acetophenone	8.72	105	288420	41.571	ng	99
24) Nitrobenzene	9.10	77	200892	40.734	ng	99
25) Isophorone	9.63	82	396628	42.124	ng	100
26) 2-Nitrophenol	9.82	139	109237	42.687	ng	99
27) 2,4-Dimethylphenol	9.88	122	151230	41.865	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	258995	41.233	ng	99
29) 2,4-Dichlorophenol	10.36	162	181458	41.543	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	204494	40.830	ng	98
31) Naphthalene	10.76	128	582701	42.111	ng	99
32) Benzoic acid	10.02	122	49306	28.775	ng	97
33) 4-Chloroaniline	10.86	127	266219	42.303	ng	99
34) Hexachlorobutadiene	11.05	225	123682	40.133	ng	100
35) Caprolactam	11.63	113	70602	44.125	ng	97
36) 4-Chloro-3-methylphenol	12.00	107	192630	42.063	ng	98
37) 2-Methylnaphthalene	12.37	142	430158	41.870	ng	97
38) 1-Methylnaphthalene	12.58	142	407497	42.071	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	226877	41.312	ng	99

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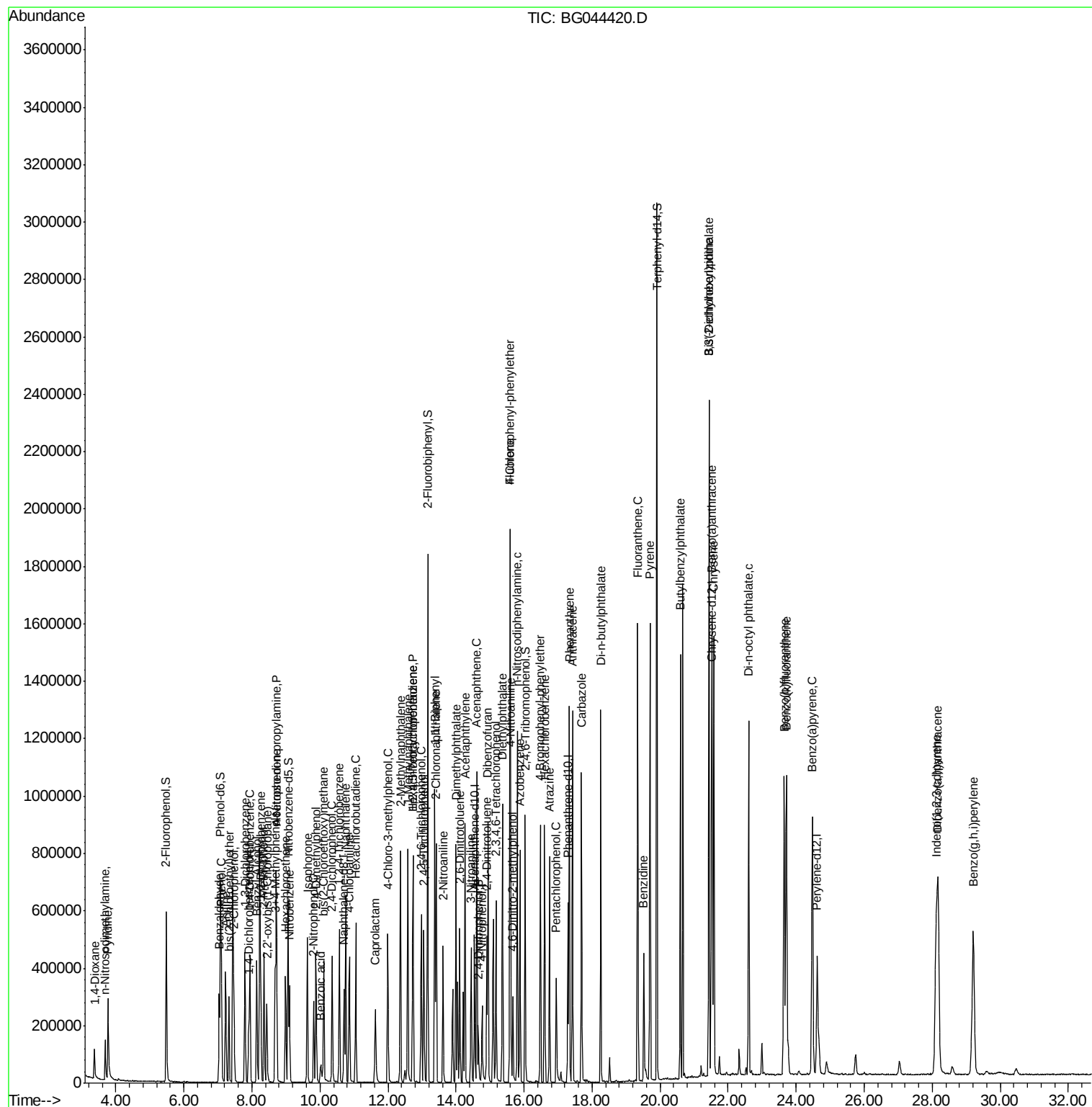
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	94822	35.984	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	153913	43.359	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	156746	43.232	ng	98
46) 1,1'-Biphenyl	13.38	154	567523	42.856	ng	97
47) 2-Chloronaphthalene	13.42	162	443171	42.055	ng	99
48) 2-Nitroaniline	13.62	65	132929	42.744	ng	98
49) Acenaphthylene	14.26	152	667158	43.165	ng	99
50) Dimethylphthalate	14.00	163	569140	43.127	ng	99
51) 2,6-Dinitrotoluene	14.11	165	123971	42.131	ng	98
52) Acenaphthene	14.60	154	425132	42.436	ng	98
53) 3-Nitroaniline	14.44	138	140075	43.028	ng	98
54) 2,4-Dinitrophenol	14.65	184	58587	38.024	ng	97
55) Dibenzofuran	14.94	168	653405	43.078	ng	99
56) 4-Nitrophenol	14.76	139	95579	40.082	ng	96
57) 2,4-Dinitrotoluene	14.90	165	175657	42.593	ng	95
58) Fluorene	15.59	166	514540	43.070	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	140110	42.782	ng	99
60) Diethylphthalate	15.36	149	569915	43.340	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	274361	42.355	ng	99
62) 4-Nitroaniline	15.61	138	138726	42.647	ng	95
63) Azobenzene	15.88	77	489920	42.510	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	82901	37.425	ng	97
66) n-Nitrosodiphenylamine	15.80	169	470828	41.867	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	180373	41.257	ng	97
68) Hexachlorobenzene	16.60	284	197373	40.296	ng	98
69) Atrazine	16.75	200	153060	39.709	ng	98
70) Pentachlorophenol	16.95	266	80066	34.198	ng	98
71) Phenanthrene	17.33	178	828402	42.631	ng	99
72) Anthracene	17.42	178	820474	42.708	ng	98
73) Carbazole	17.69	167	758577	42.832	ng	98
74) Di-n-butylphthalate	18.25	149	964678	44.077	ng	99
75) Fluoranthene	19.34	202	964293	42.898	ng	99
77) Benzidine	19.52	184	338948	32.126	ng	98
78) Pyrene	19.70	202	976478	39.975	ng	98
80) Butylbenzylphthalate	20.59	149	460713	41.387	ng	99
81) Benzo(a)anthracene	21.51	228	947138	40.403	ng	98
82) 3,3'-Dichlorobenzidine	21.43	252	358996	39.458	ng	100
83) Chrysene	21.58	228	918634	40.541	ng	98
84) Bis(2-ethylhexyl)phthalate	21.44	149	636627	41.550	ng	100
85) Di-n-octyl phthalate	22.60	149	1108500	41.814	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1150326	38.912	ng	99
88) Benzo(b)fluoranthene	23.65	252	987971	41.827	ng	99
89) Benzo(k)fluoranthene	23.71	252	977816	42.474	ng	98
90) Benzo(a)pyrene	24.48	252	942880	42.219	ng	99
91) Dibenzo(a,h)anthracene	28.17	278	928100	41.991	ng	100
92) Benzo(g,h,i)perylene	29.21	276	933335	42.183	ng	98

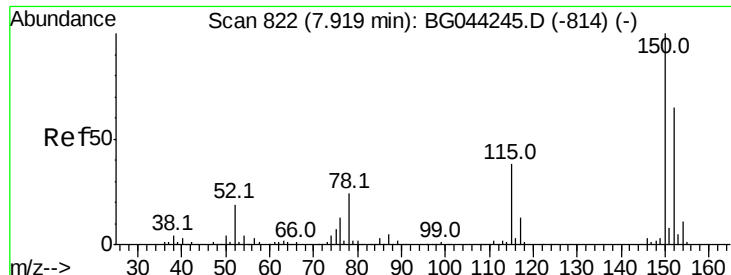
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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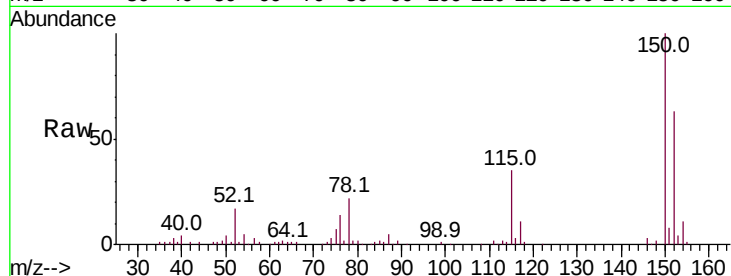


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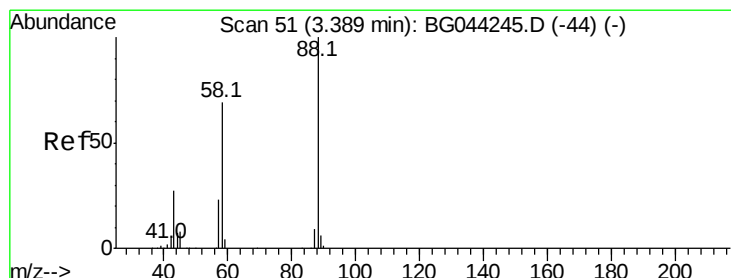
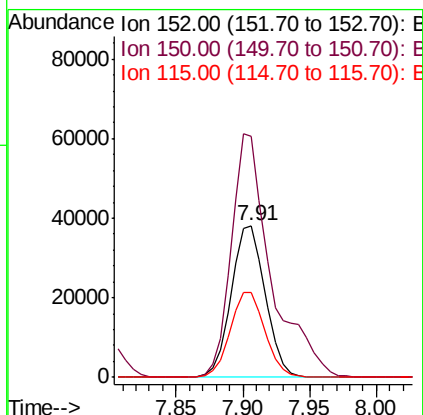
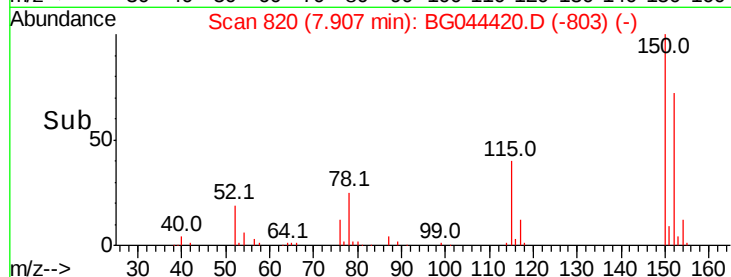
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 67682
Ion Ratio Lower Upper
152 100
150 158.7 122.6 183.8
115 55.9 46.0 69.0



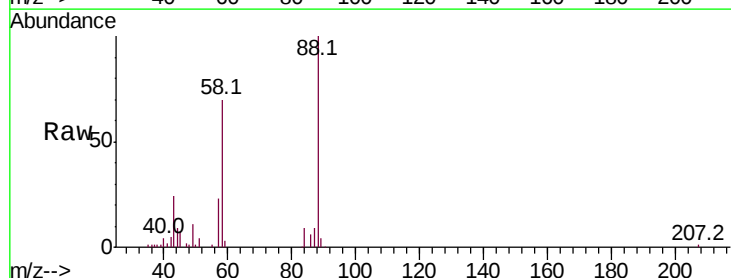
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



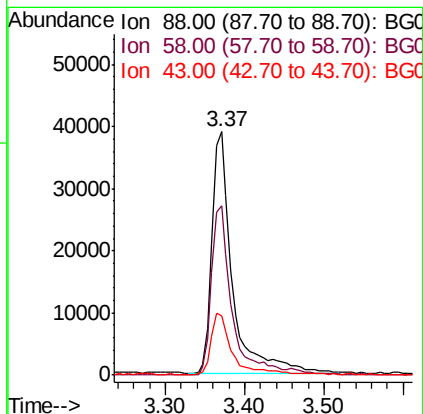
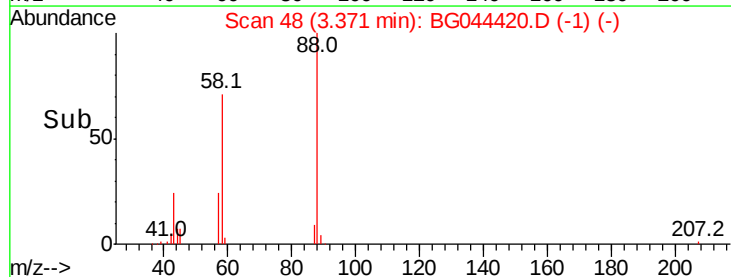
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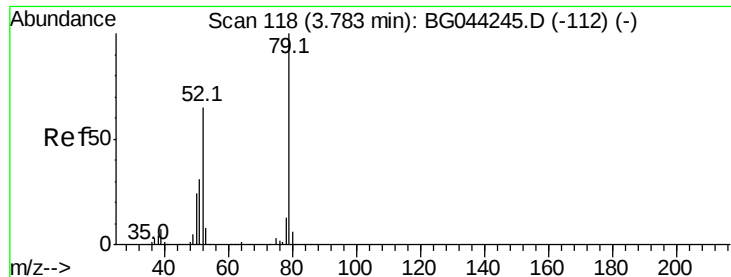
1,4-Dioxane
Concen: 40.410 ng
RT: 3.37 min Scan# 48
Delta R.T. 0.01 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion: 88 Resp: 69629
Ion Ratio Lower Upper
88 100
58 69.7 55.8 83.6
43 27.7 21.6 32.4



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





#3

Pvridine

Concen: 45.671 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

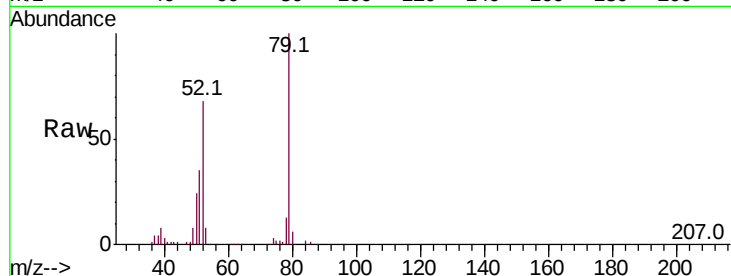
Tot Ion: 79 Resp: 209659

Ion Ratio Lower Upper

79 100

52 67.7 51.9 77.9

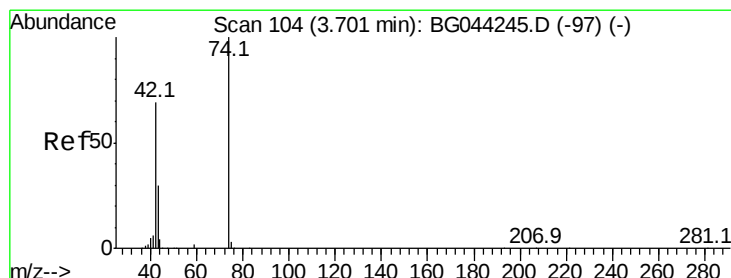
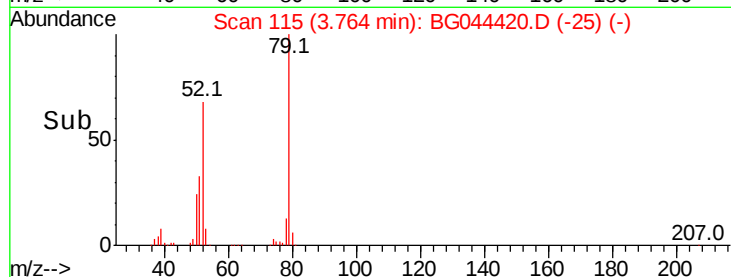
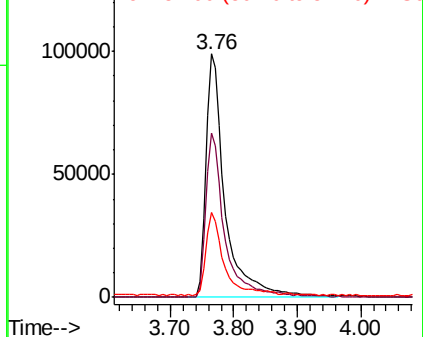
51 34.8 25.3 37.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.054 ng

RT: 3.68 min Scan# 101

Delta R.T. 0.01 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

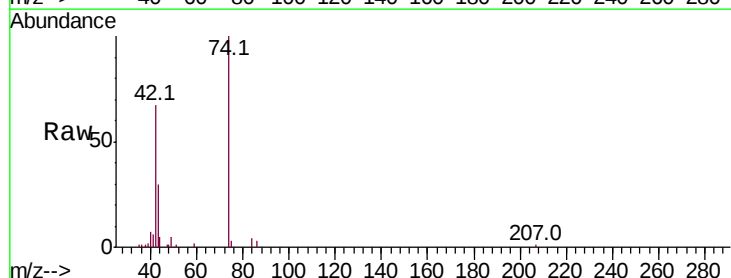
Tgt Ion: 42 Resp: 78754

Ion Ratio Lower Upper

42 100

74 149.3 115.1 172.7

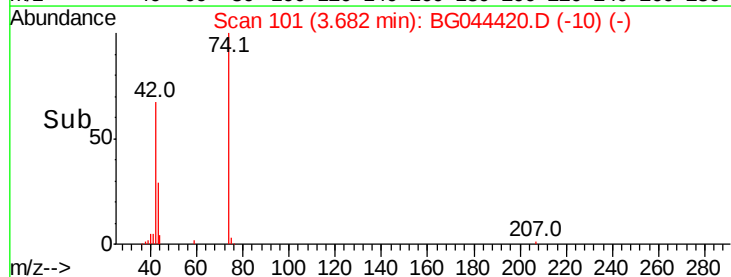
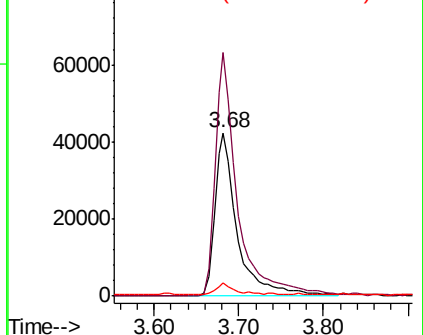
44 7.8 5.6 8.4

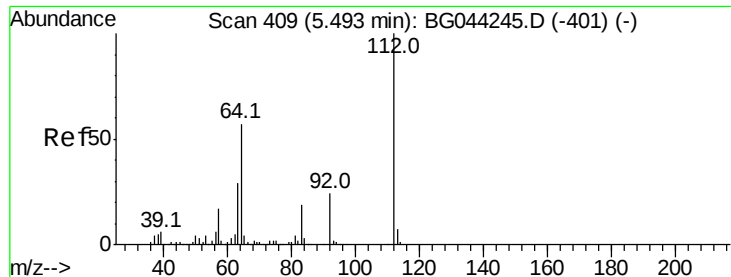


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 84.242 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

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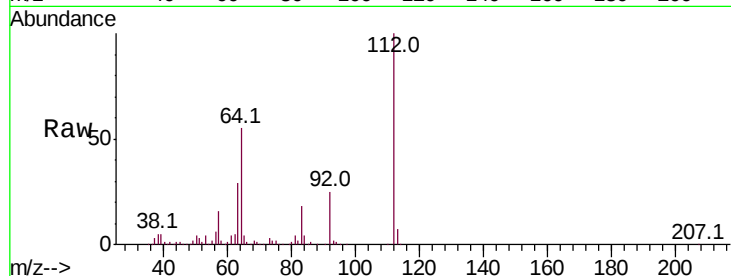
Tot Ion:112 Resp: 323068

Ion Ratio Lower Upper

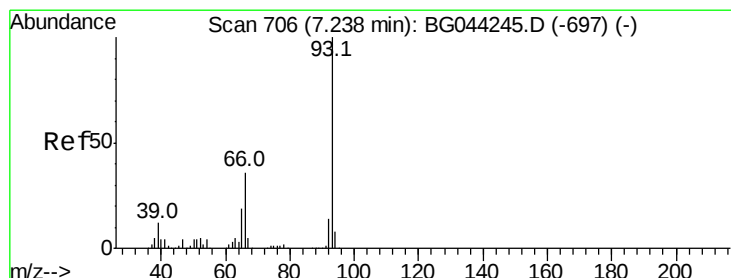
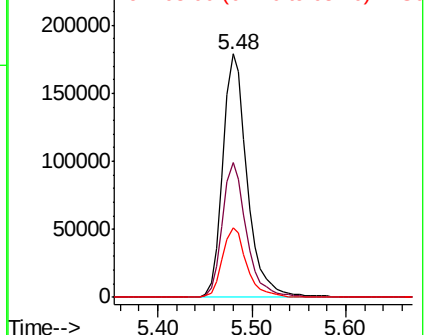
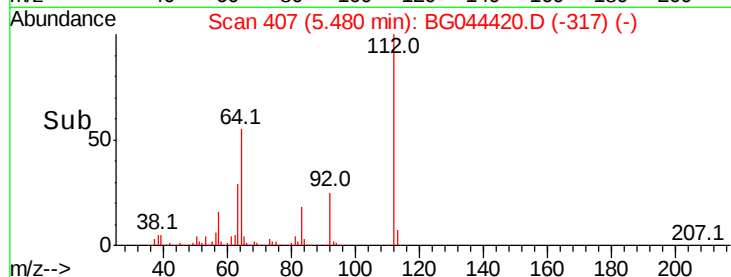
112 100

64 55.5 45.4 68.2

63 28.6 22.9 34.3



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



#6

Aniline

Concen: 43.050 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

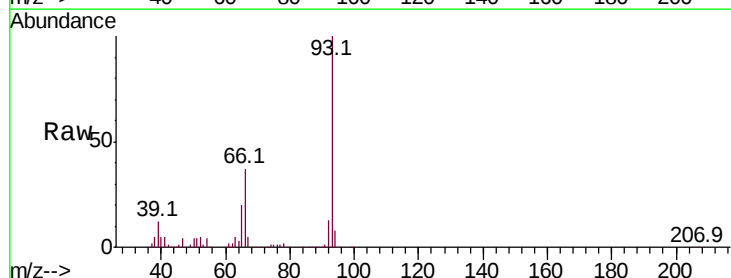
Tgt Ion: 93 Resp: 275192

Ion Ratio Lower Upper

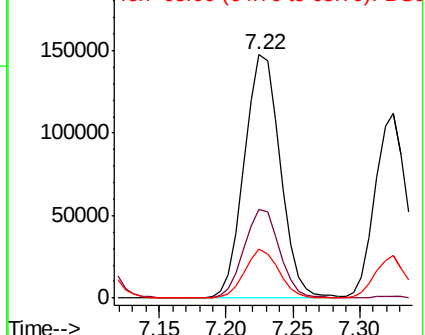
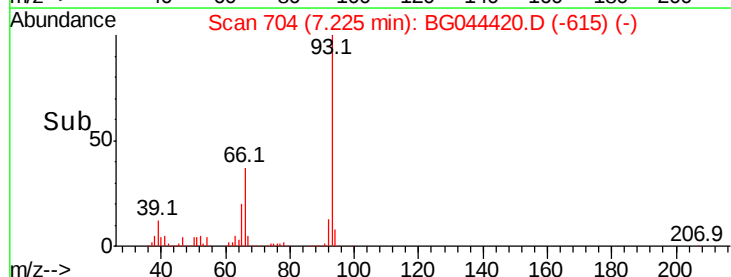
93 100

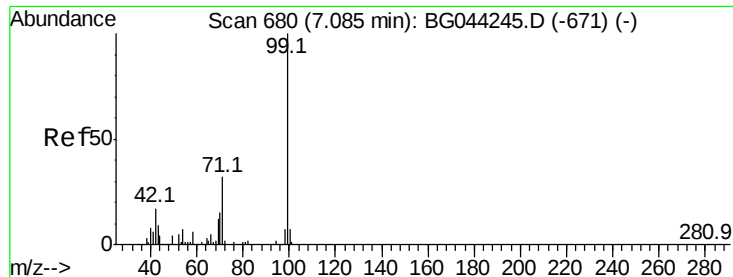
66 36.5 28.7 43.1

65 20.3 15.4 23.0



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





#7

Phenol-d6

Concen: 86.134 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

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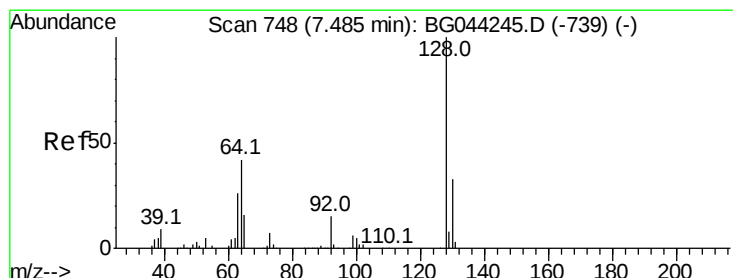
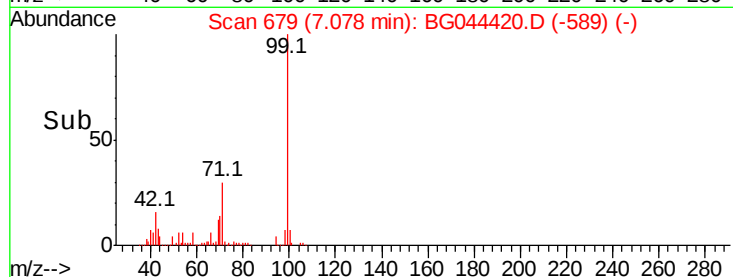
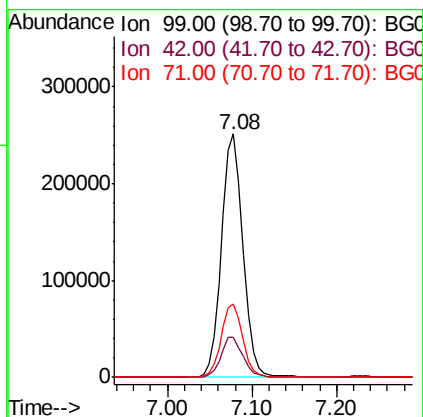
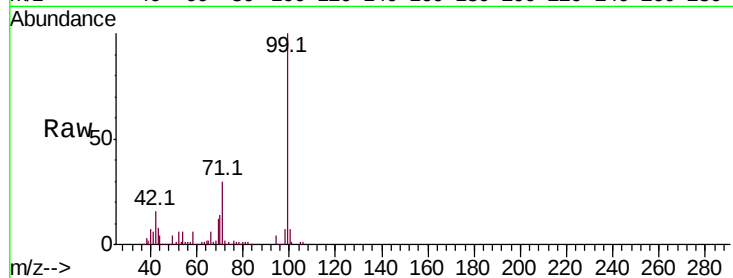
Tot Ion: 99 Resp: 443578

Ion Ratio Lower Upper

99 100

42 16.4 13.8 20.6

71 30.4 25.5 38.3



#8

2-Chlorophenol

Concen: 42.616 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

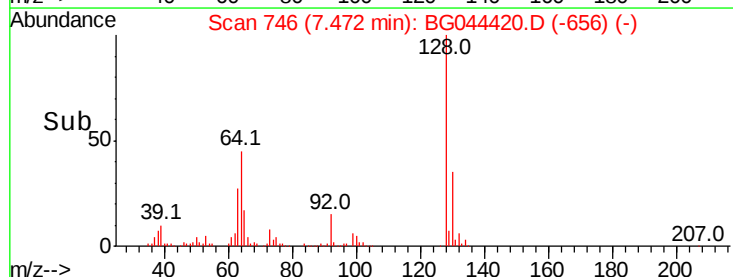
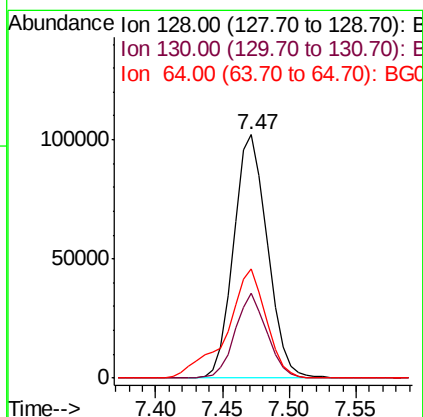
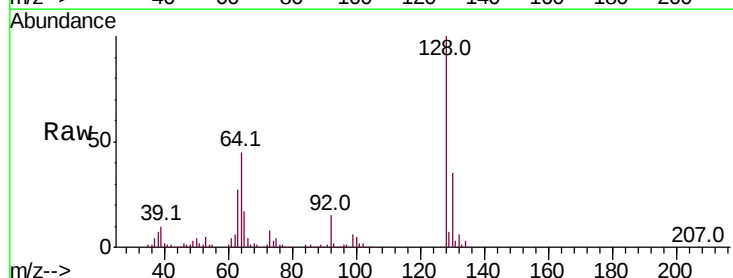
Tgt Ion: 128 Resp: 179618

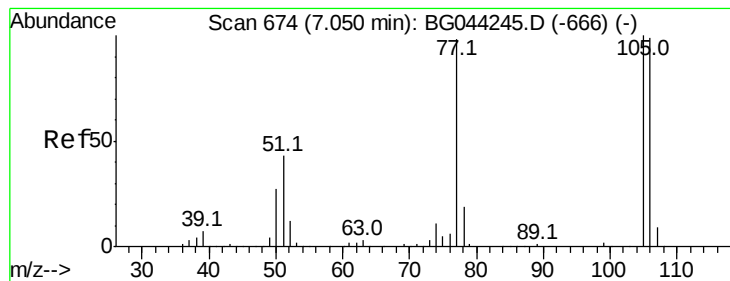
Ion Ratio Lower Upper

128 100

130 34.7 12.5 52.5

64 44.7 24.2 64.2





#9

Benzaldehyde

Concen: 41.326 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

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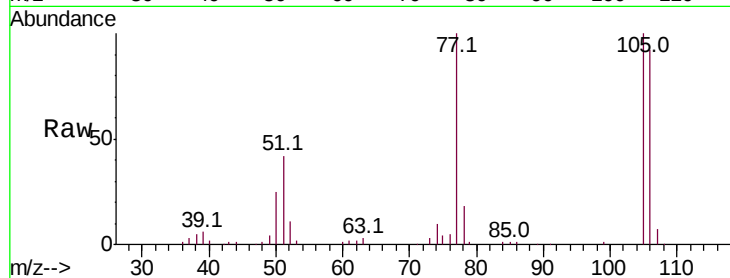
Tot Ion: 77 Resp: 121210

Ion Ratio Lower Upper

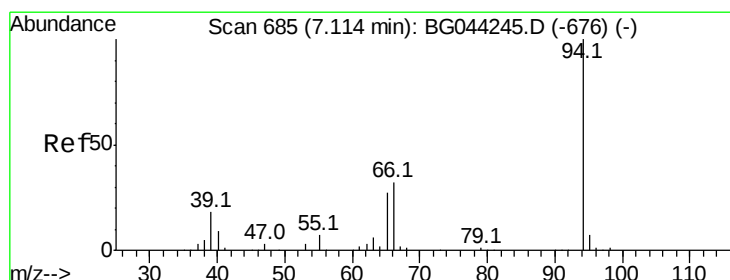
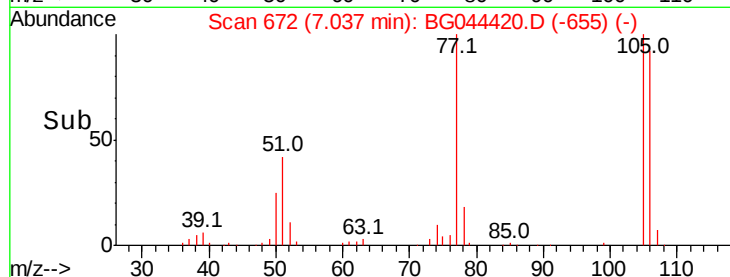
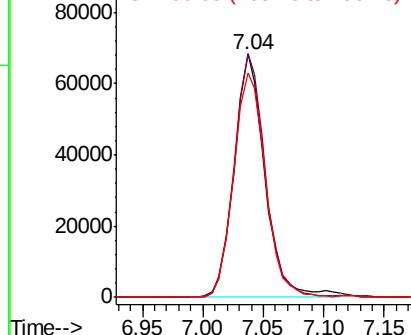
77 100

105 99.9 82.0 122.0

106 92.3 80.7 120.7



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.955 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

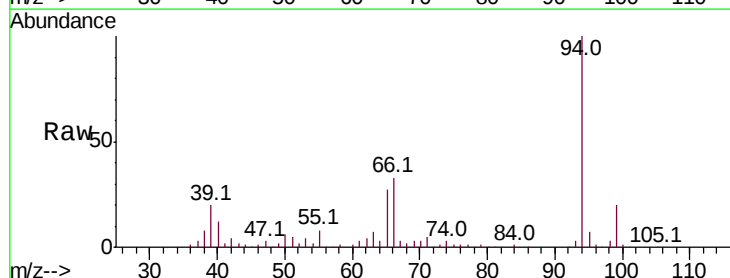
Tgt Ion: 94 Resp: 218928

Ion Ratio Lower Upper

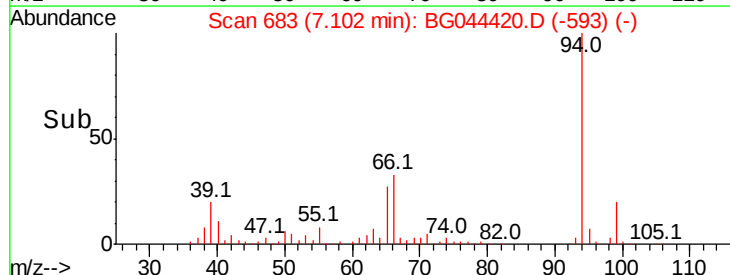
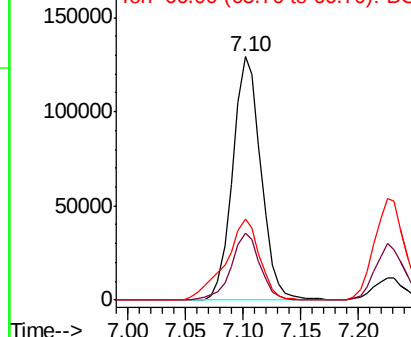
94 100

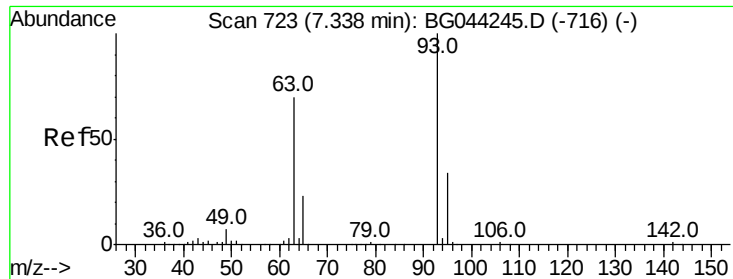
65 27.4 7.0 47.0

66 33.4 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

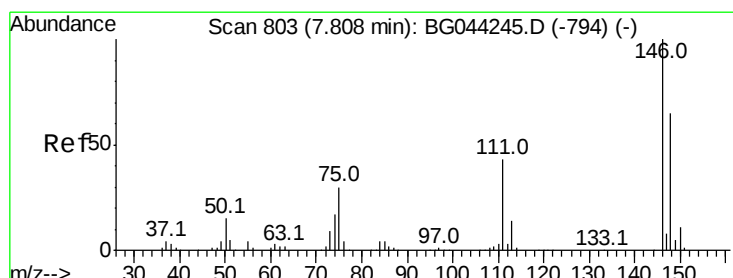
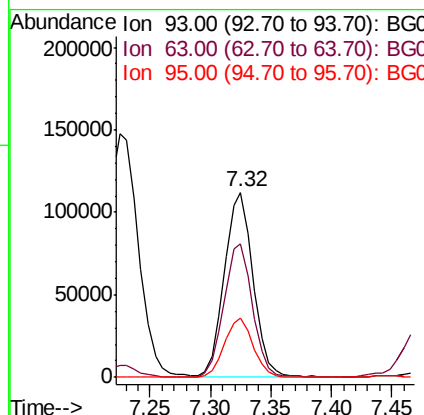
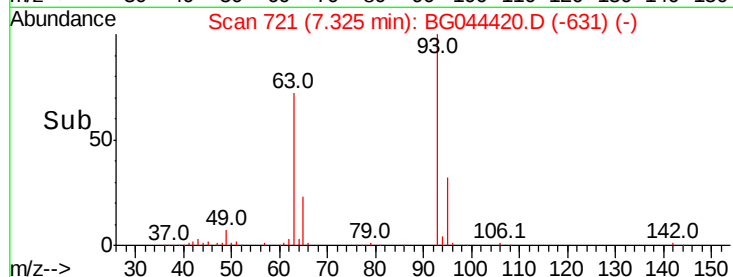
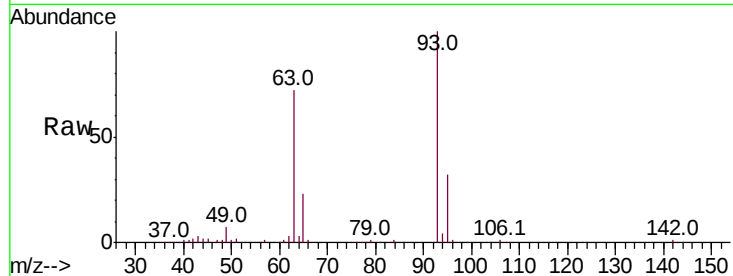




#11
bis(2-Chloroethyl)ether
Concen: 42.591 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

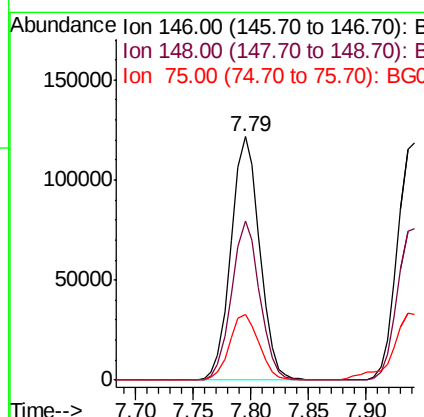
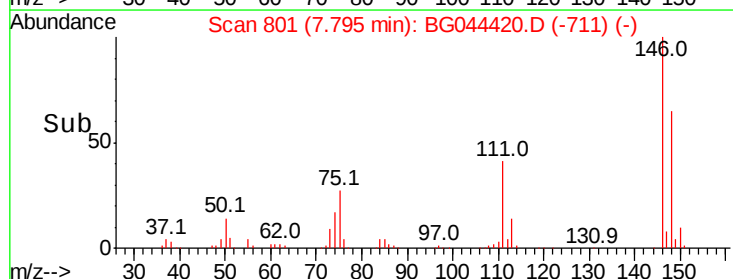
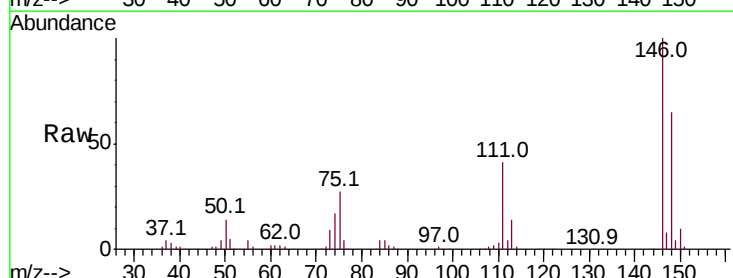
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

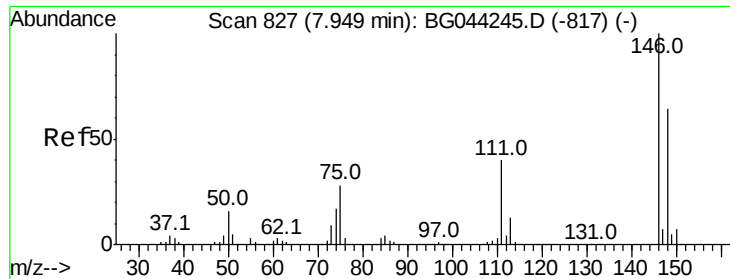
Tot Ion: 93 Resp: 185581
Ion Ratio Lower Upper
93 100
63 72.4 49.2 89.2
95 31.8 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 41.616 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion: 146 Resp: 209425
Ion Ratio Lower Upper
146 100
148 65.3 51.8 77.8
75 27.1 23.7 35.5

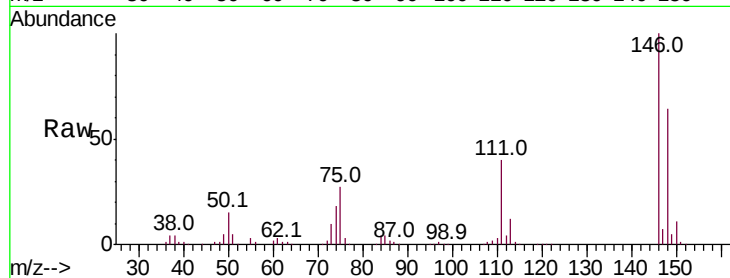




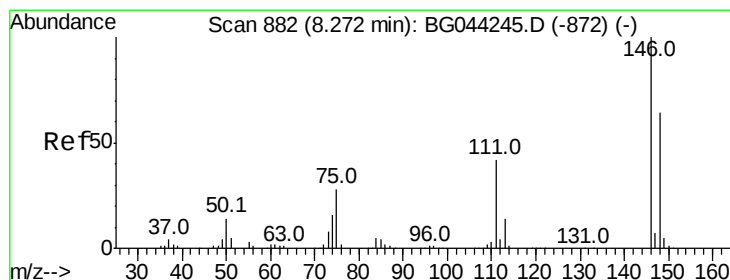
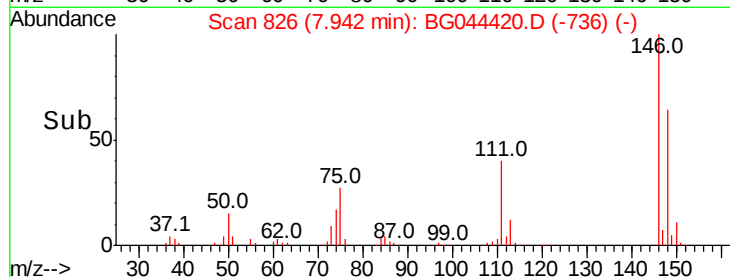
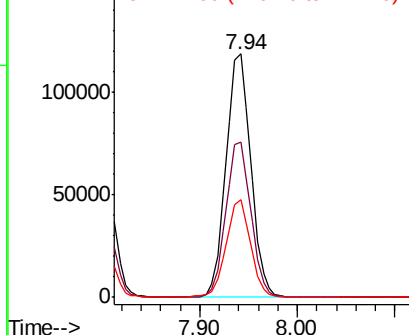
#13
 1,4-Dichlorobenzene
 Concen: 42.128 ng
 RT: 7.94 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 209971
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 40.2 31.8 47.8

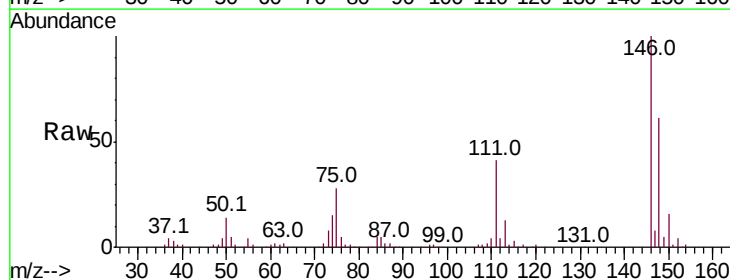


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

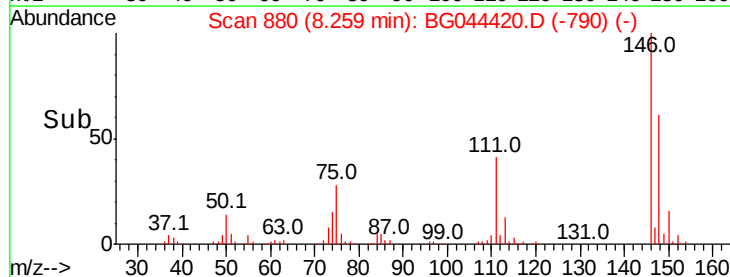
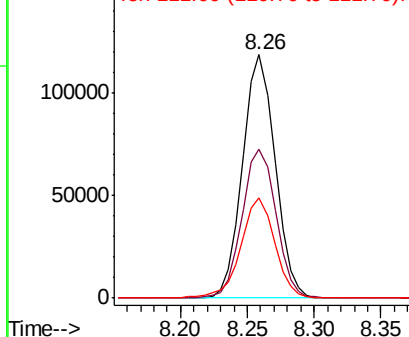


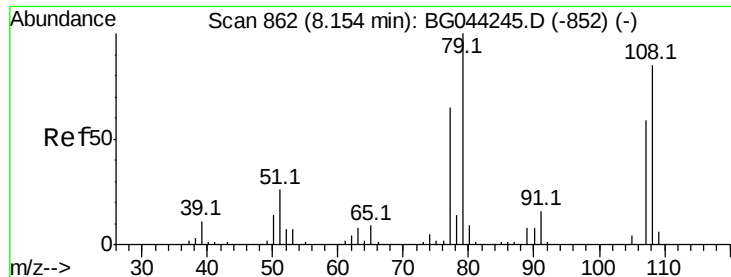
#14
 1,2-Dichlorobenzene
 Concen: 42.699 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Tgt Ion:146 Resp: 201157
 Ion Ratio Lower Upper
 146 100
 148 61.4 51.2 76.8
 111 41.4 34.0 51.0



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





#15

Benzyl Alcohol

Concen: 43.014 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

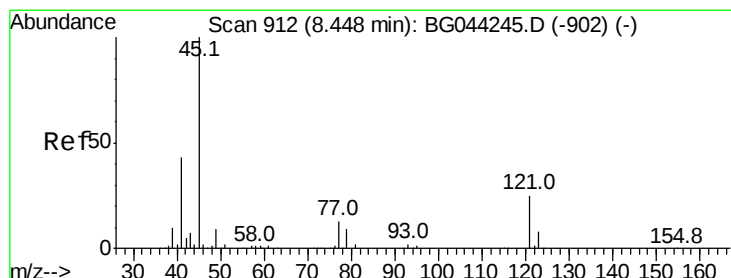
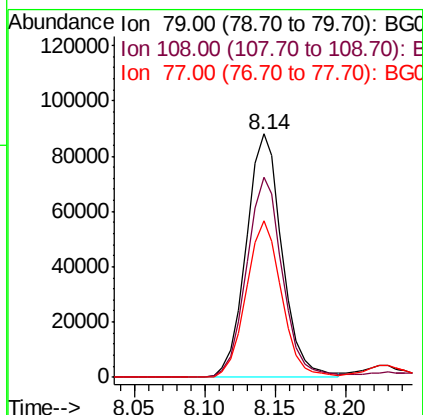
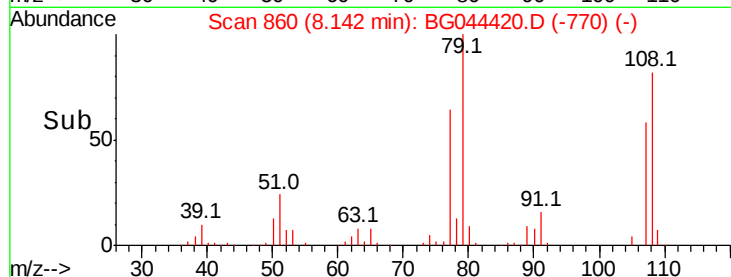
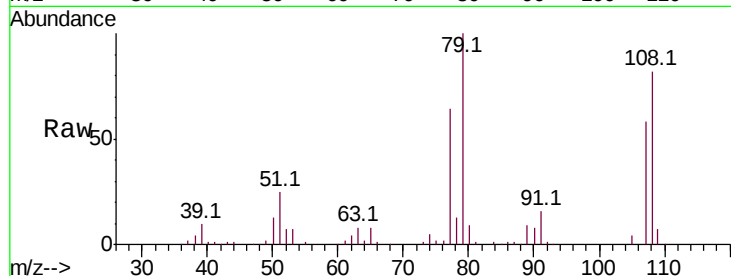
Tot Ion: 79 Resp: 156827

Ion Ratio Lower Upper

79 100

108 82.0 68.3 102.5

77 64.3 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.077 ng

RT: 8.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

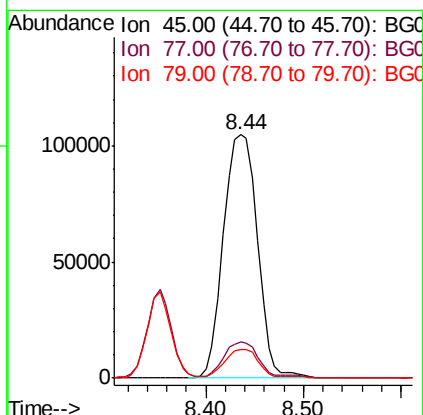
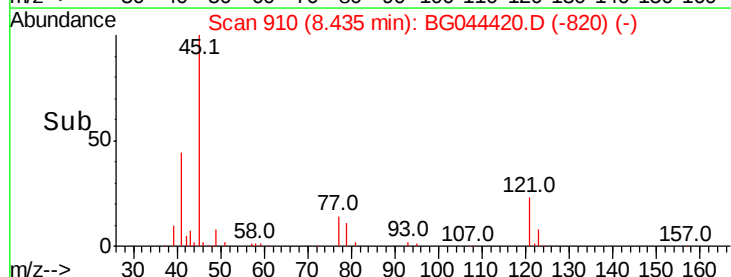
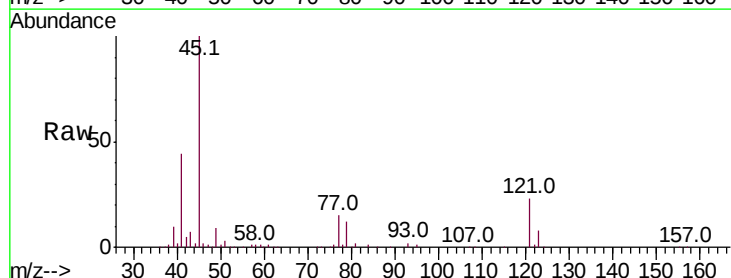
Tgt Ion: 45 Resp: 254049

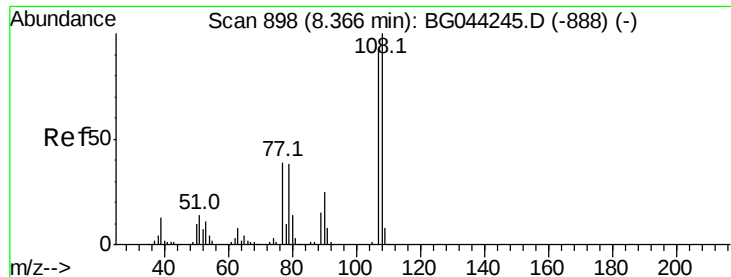
Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.2

79 11.7 0.0 31.1

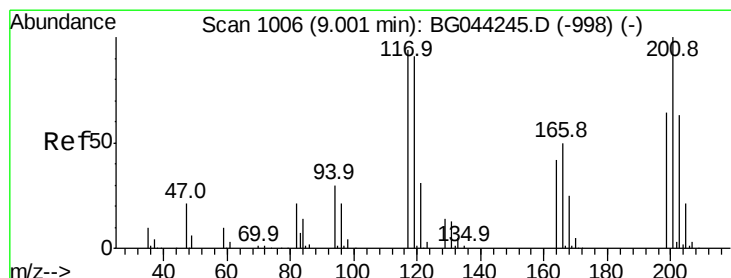
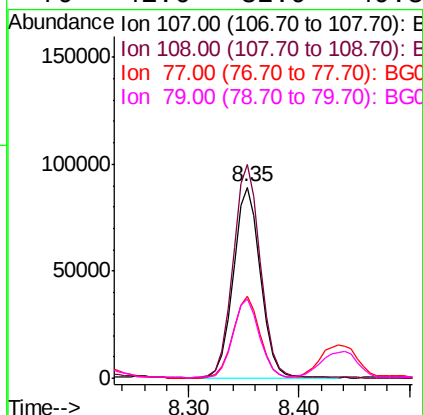
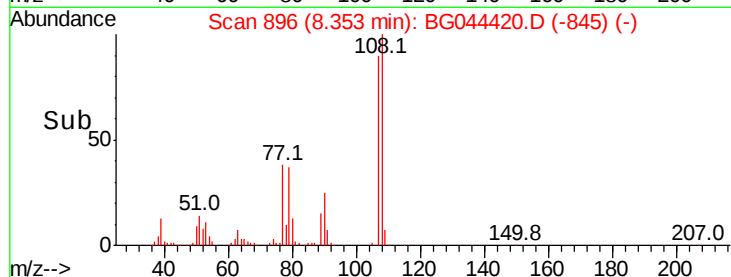
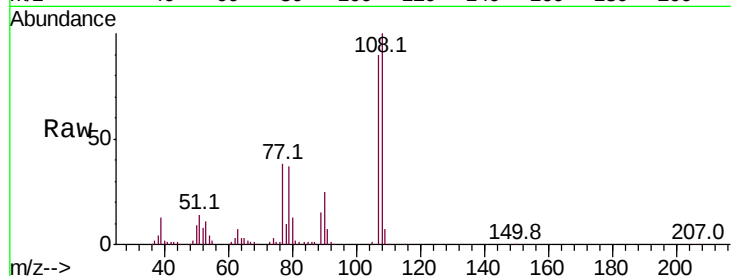




#17
2-Methylphenol
Concen: 42.221 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

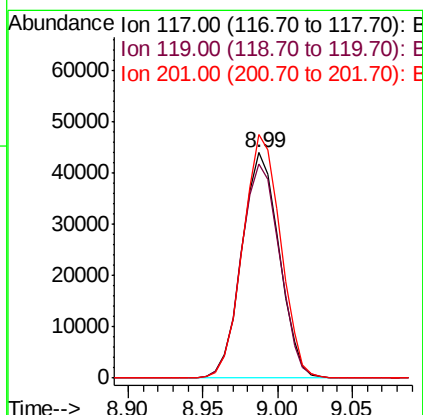
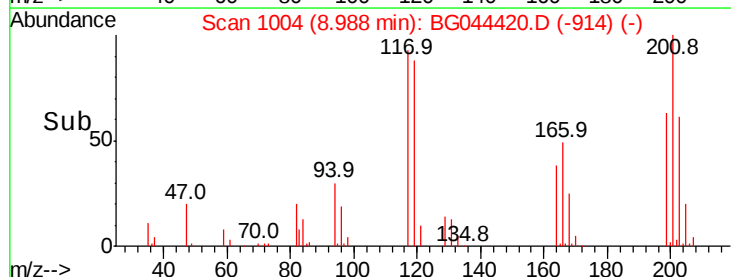
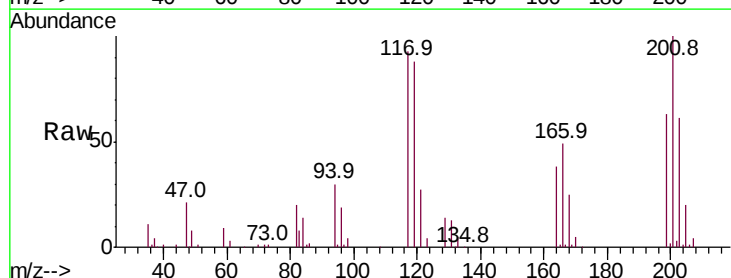
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

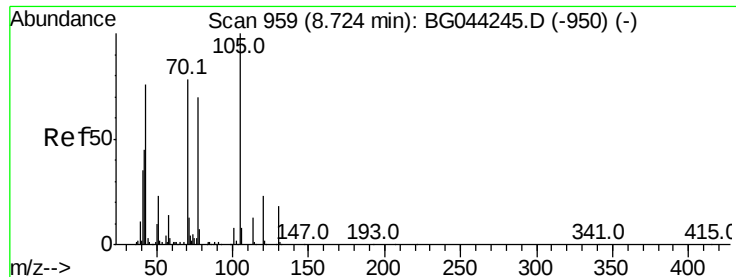
Tot Ion:107 Resp: 153529
Ion Ratio Lower Upper
107 100
108 111.7 86.4 129.6
77 42.8 34.0 51.0
79 41.6 32.9 49.3



#18
Hexachloroethane
Concen: 40.863 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion:117 Resp: 76427
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3
201 108.0 84.9 127.3





#19

n-Nitroso-di-n-propylamine

Concen: 42.980 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 147512

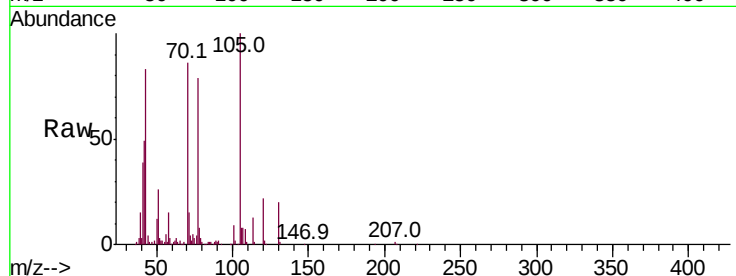
Ion Ratio Lower Upper

70 100

42 57.1 46.2 69.2

101 10.1 8.4 12.6

130 23.3 17.8 26.8



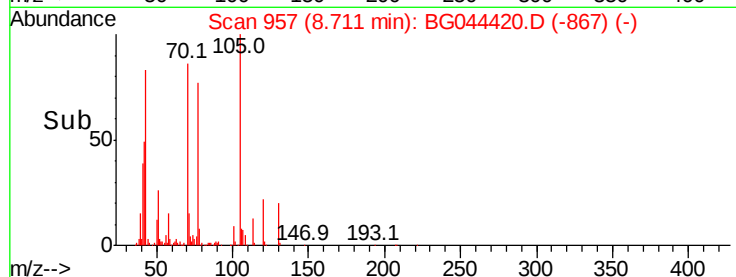
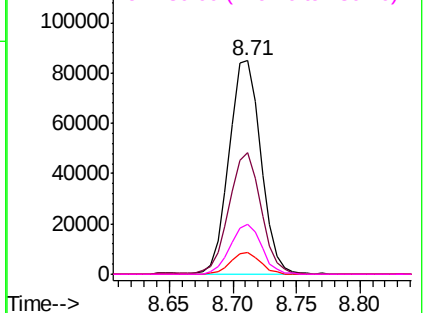
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.751 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Tgt Ion: 107 Resp: 214244

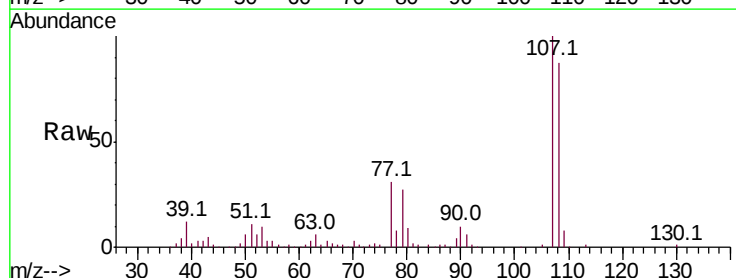
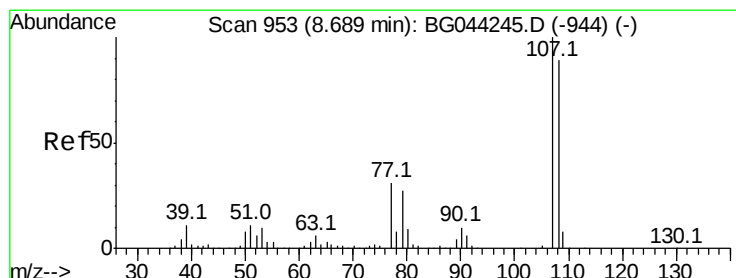
Ion Ratio Lower Upper

107 100

108 86.8 68.5 108.5

77 31.1 10.9 50.9

79 27.3 7.1 47.1



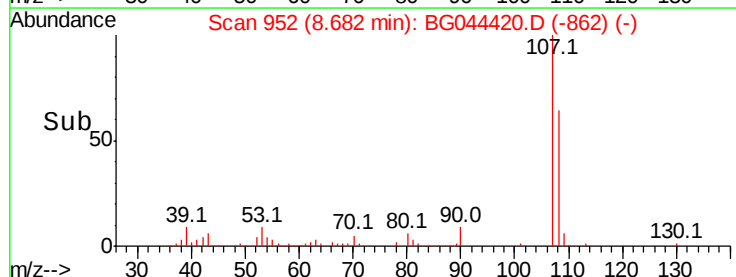
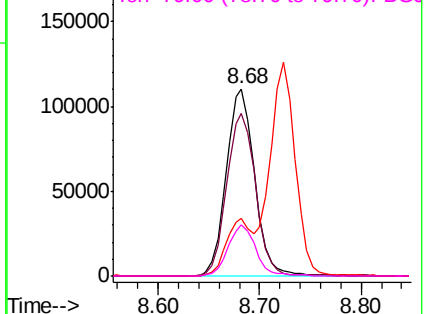
Abundance

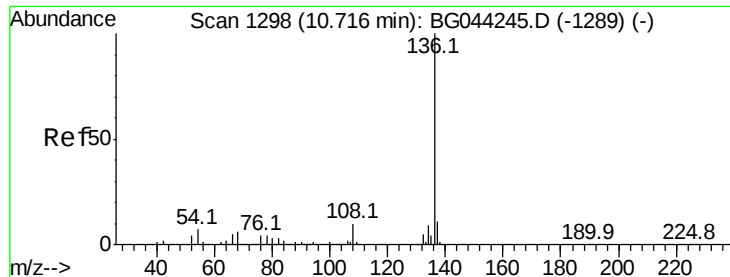
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

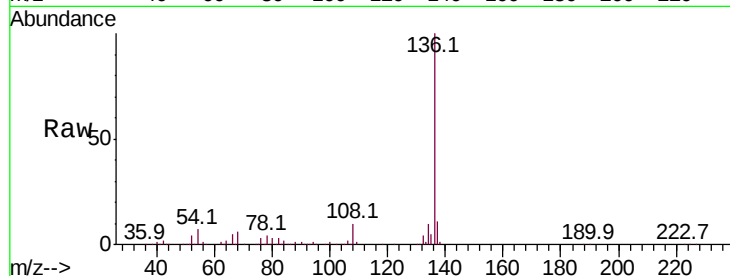




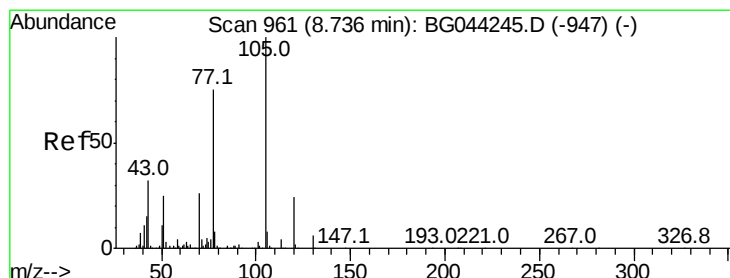
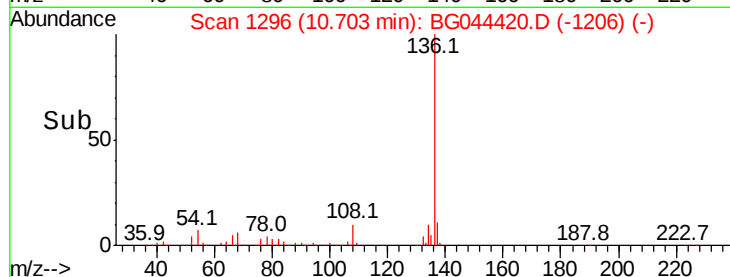
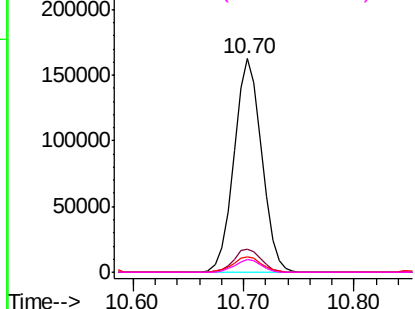
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	285202	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.1	5.8	8.8	
68 6.1	4.6	6.8	

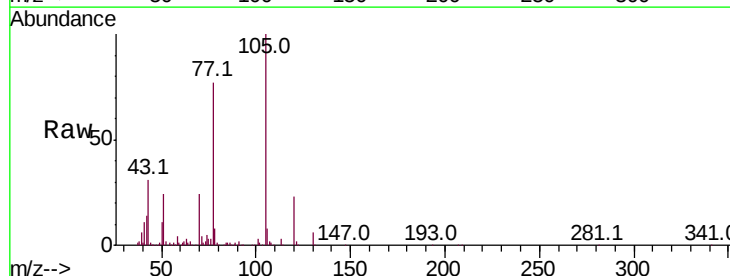


Abundance Ion 136.00 (135.70 to 136.70): E
250000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

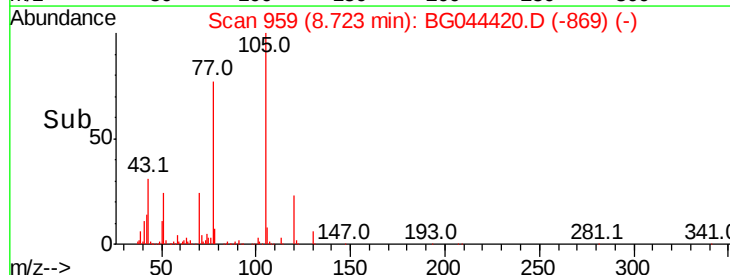
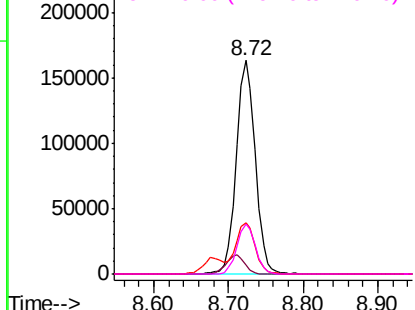


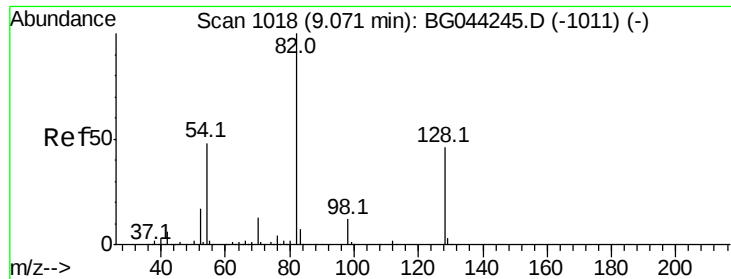
#22
Acetophenone
Concen: 41.571 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt	Ion:105	Resp:	288420
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.0
51	24.3	20.2	30.4
120	23.4	19.1	28.7



Abundance Ion 105.00 (104.70 to 105.70): E
250000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

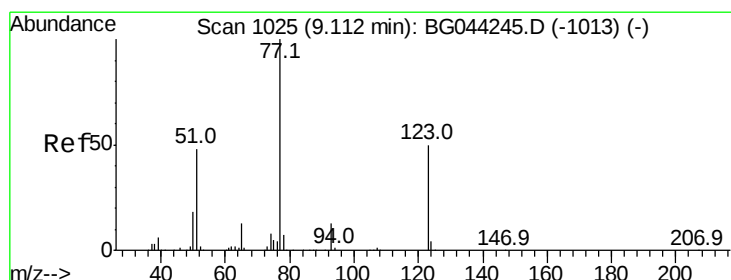
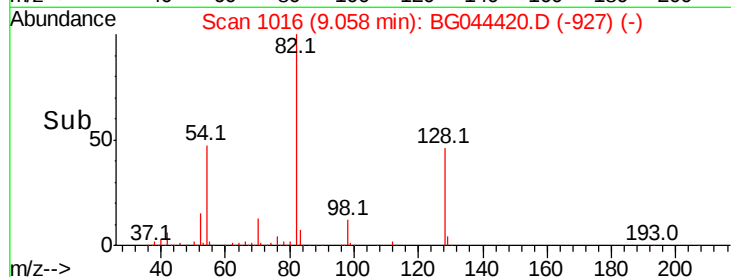
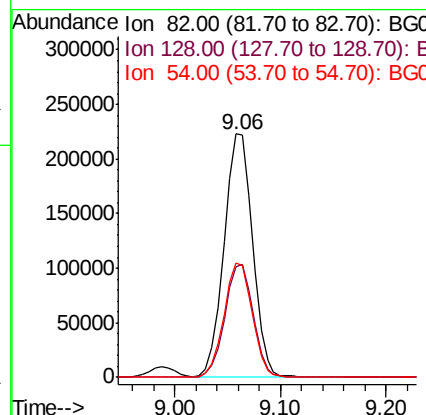
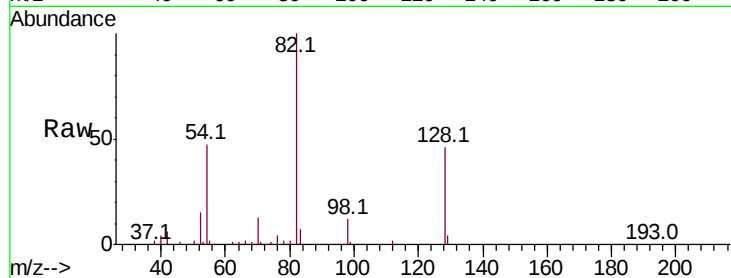




#23
Nitrobenzene-d5
Concen: 82.501 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

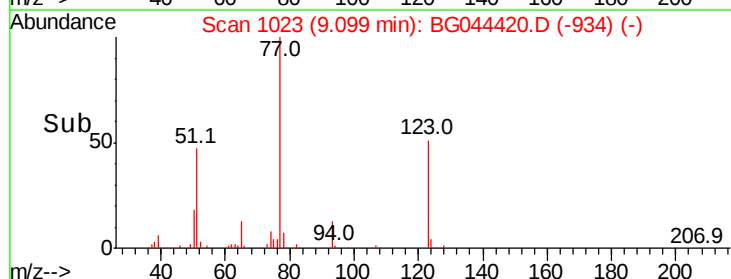
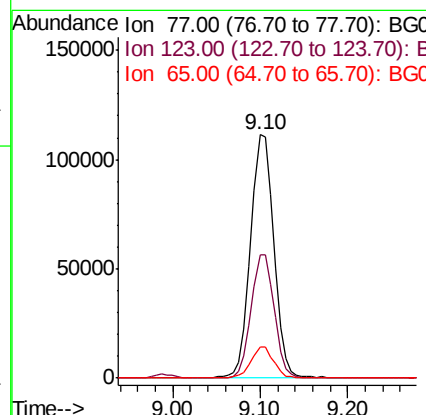
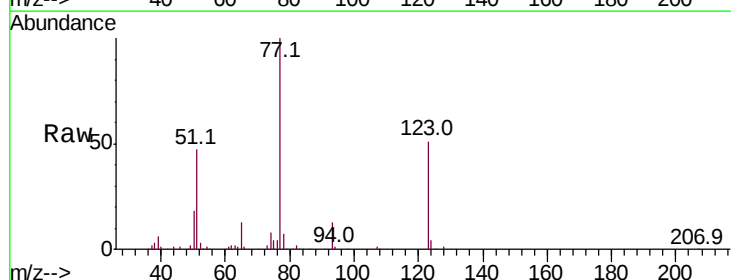
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

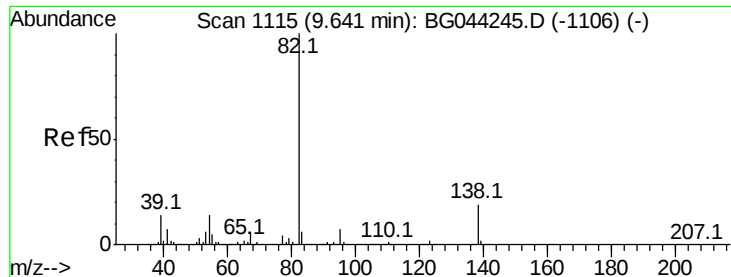
Tot Ion	82	Resp	416772
Ion Ratio	Lower	Upper	
82	100		
128	45.6	36.5	54.7
54	46.7	38.6	58.0



#24
Nitrobenzene
Concen: 40.734 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion	77	Resp	200892
Ion Ratio	Lower	Upper	
77	100		
123	50.7	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 42.124 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

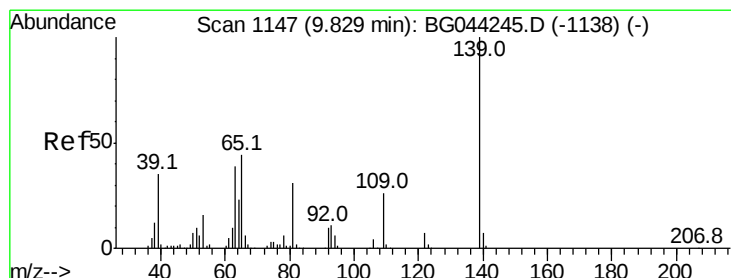
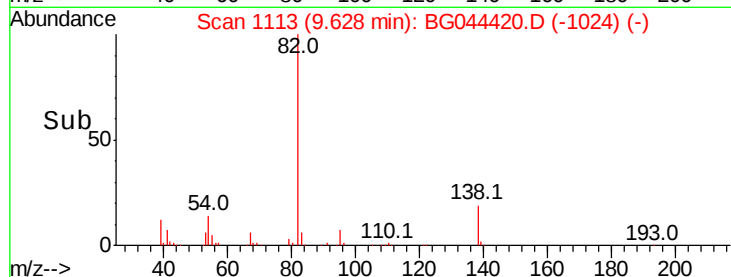
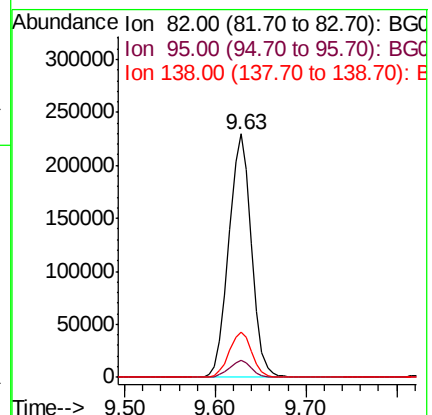
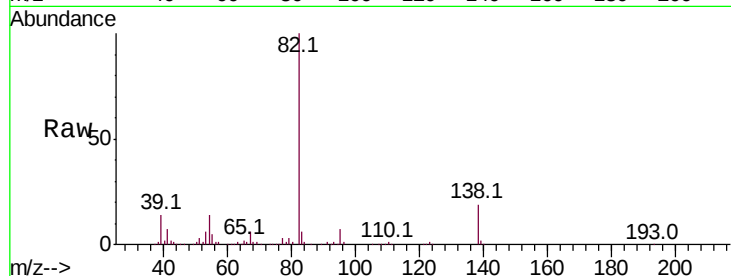
Tot Ion: 82 Resp: 396628

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 18.5 15.0 22.4



#26

2-Nitrophenol

Concen: 42.687 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

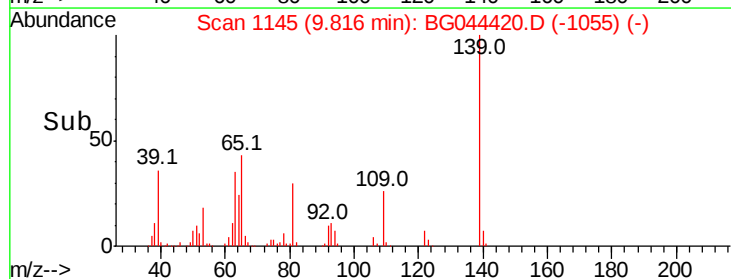
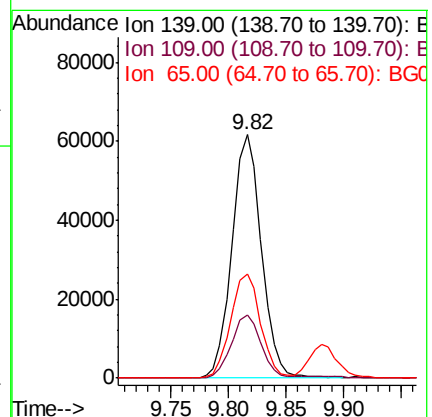
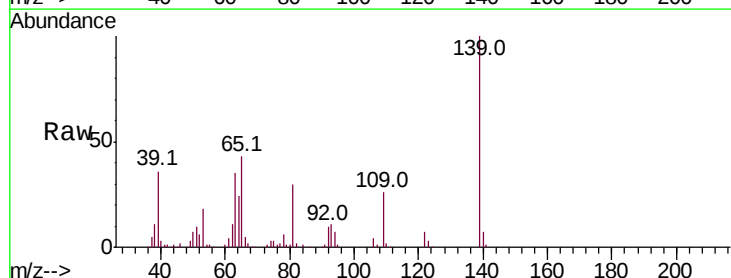
Tgt Ion: 139 Resp: 109237

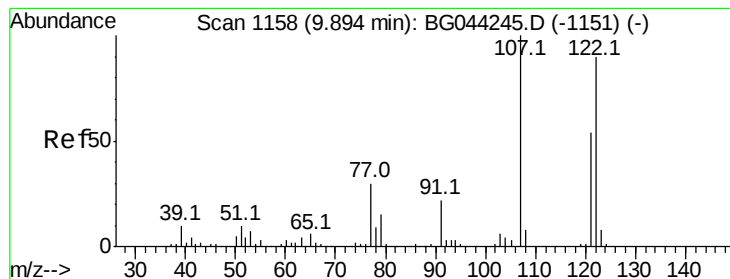
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.4

65 43.0 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 41.865 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

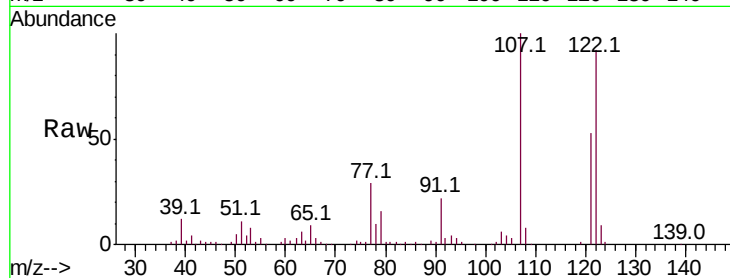
Tot Ion:122 Resp: 151230

Ion Ratio Lower Upper

122 100

107 109.2 88.8 133.2

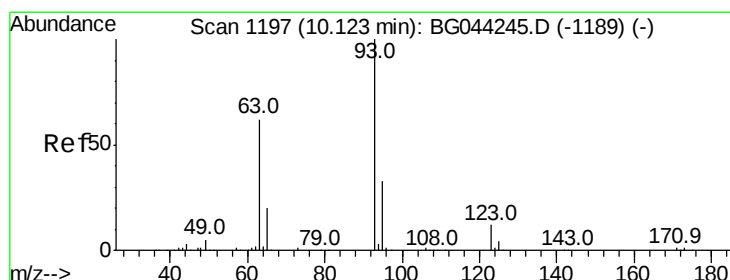
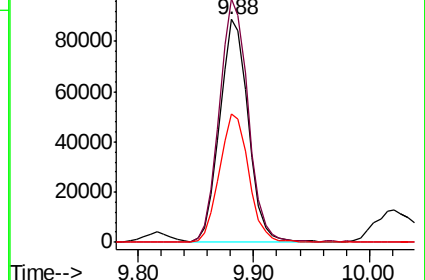
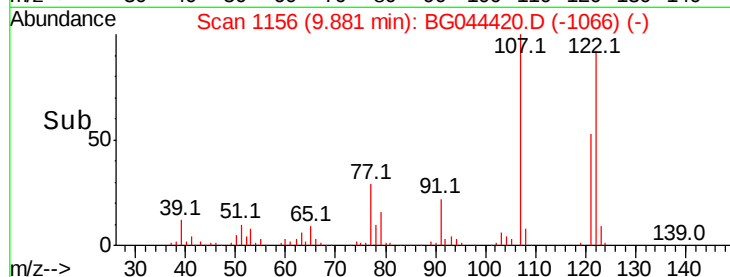
121 57.7 48.3 72.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.233 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

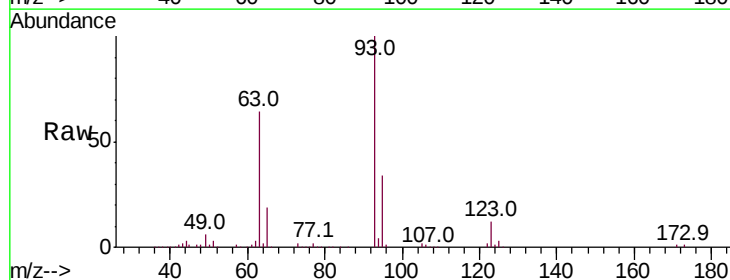
Tgt Ion: 93 Resp: 258995

Ion Ratio Lower Upper

93 100

95 33.7 26.6 40.0

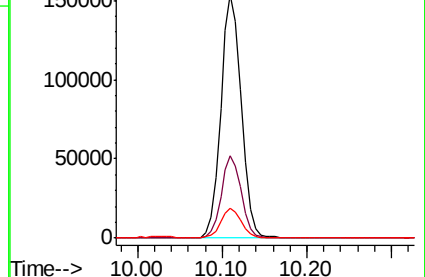
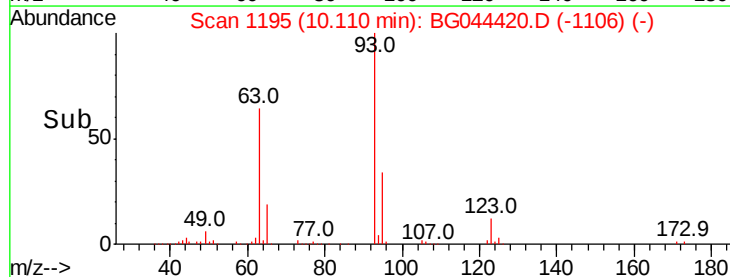
123 12.1 10.0 15.0

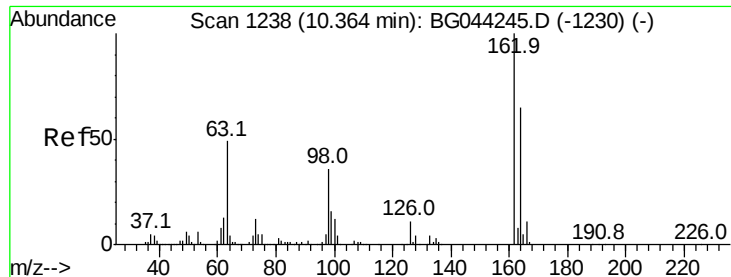


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

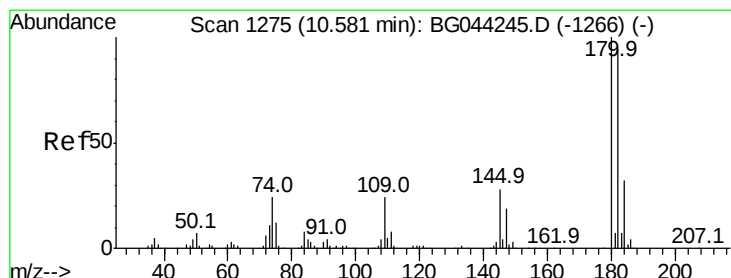
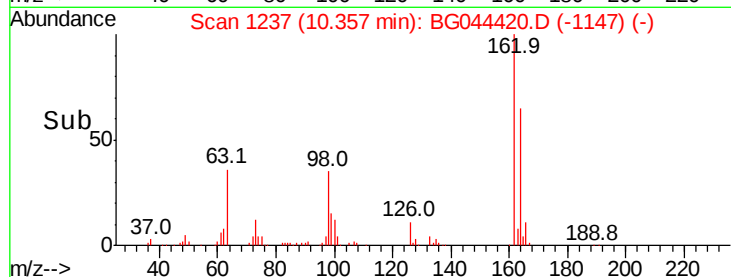
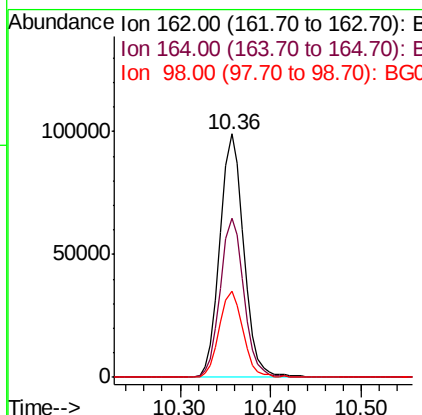
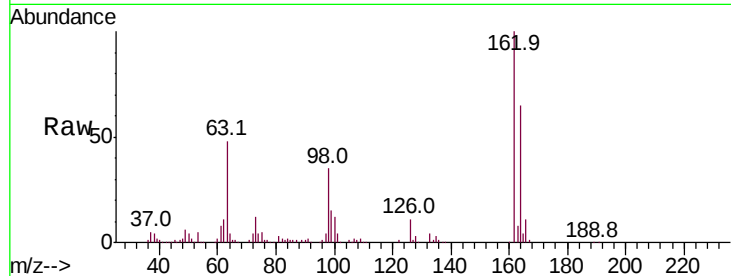




#29
2,4-Dichlorophenol
Concen: 41.543 ng
RT: 10.36 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

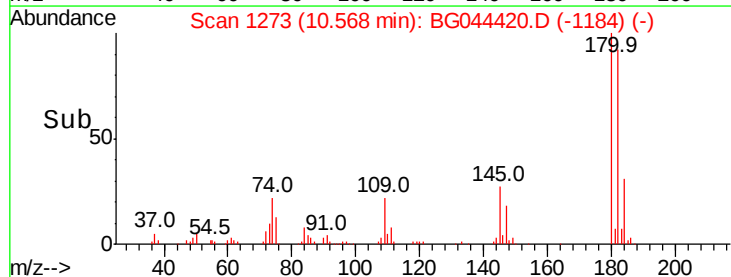
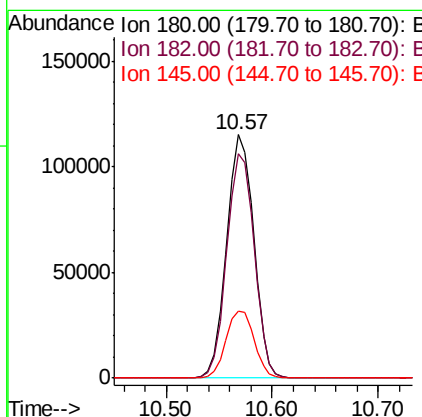
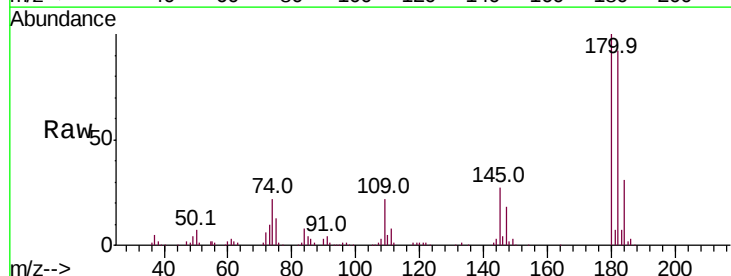
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

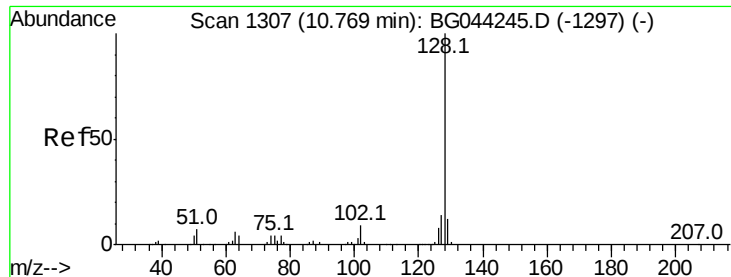
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.2	44.7	84.7
98	35.2	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 40.830 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.5	113.3
145	27.4	22.6	34.0





#31

Naphthalene

Concen: 42.111 ng

RT: 10.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

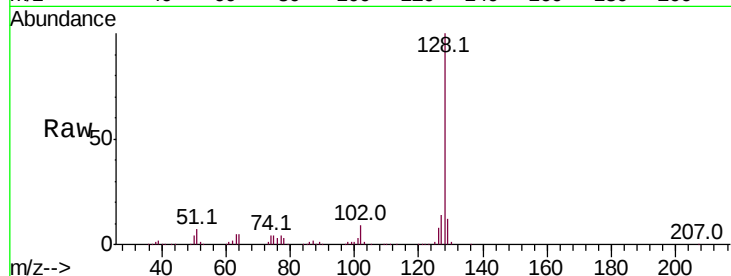
Tot Ion:128 Resp: 582701

Ion Ratio Lower Upper

128 100

129 12.1 9.3 13.9

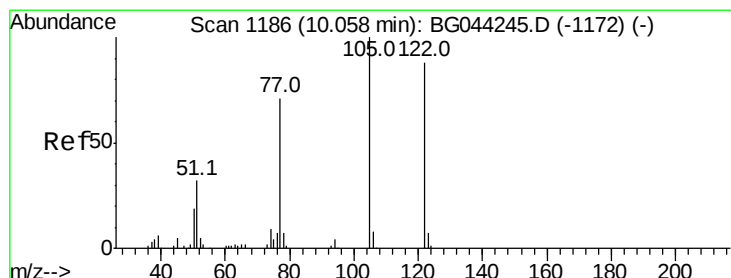
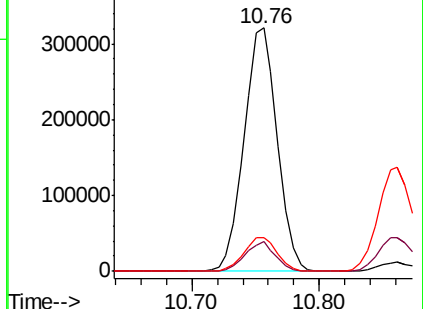
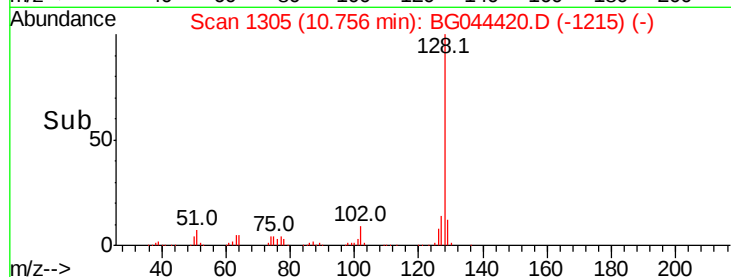
127 13.9 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.775 ng

RT: 10.02 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

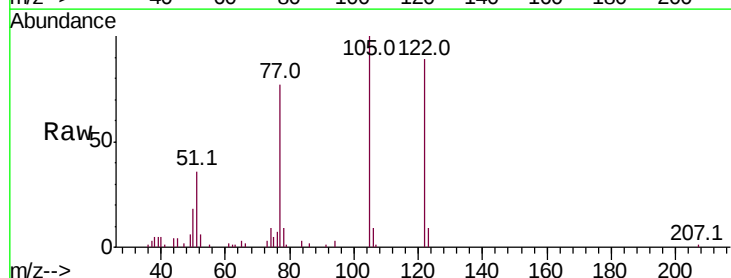
Tgt Ion:122 Resp: 49306

Ion Ratio Lower Upper

122 100

105 112.8 93.5 133.5

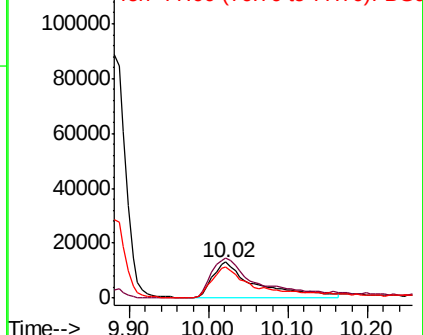
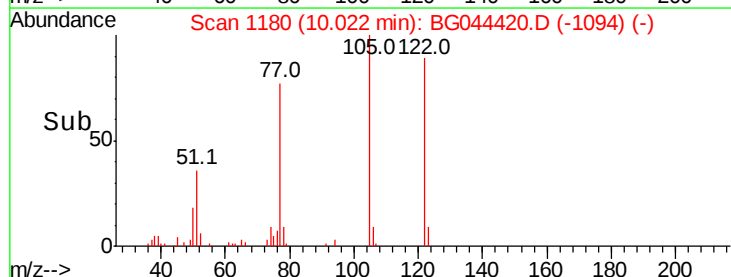
77 87.2 61.0 101.0

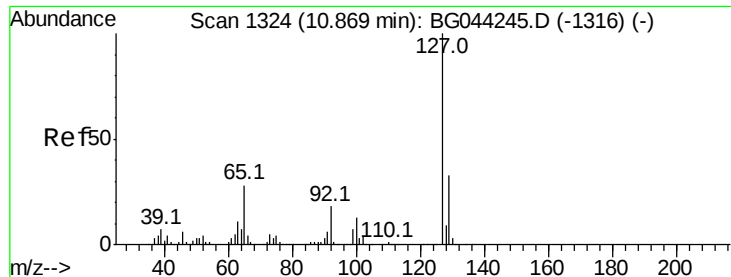


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

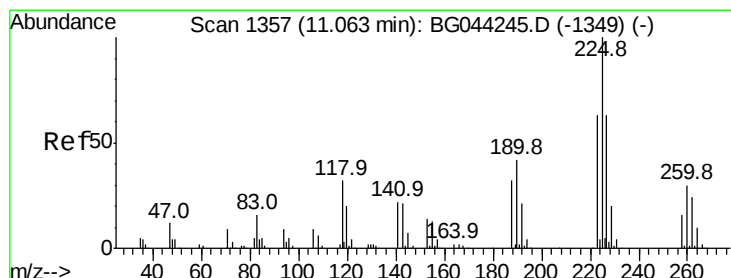
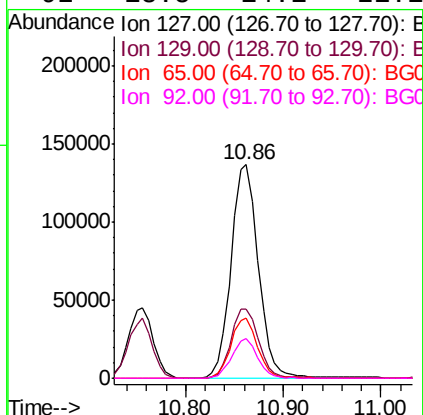
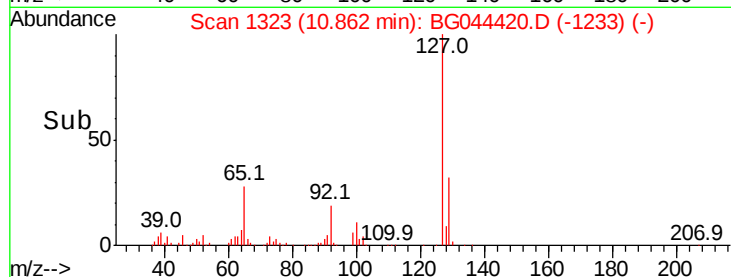
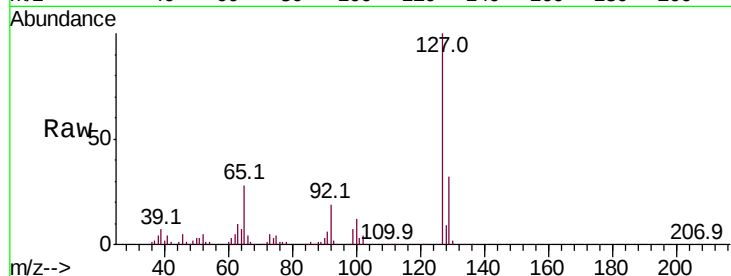




#33
4-Chloroaniline
Concen: 42.303 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

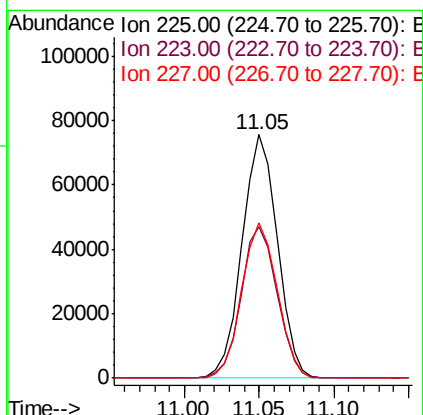
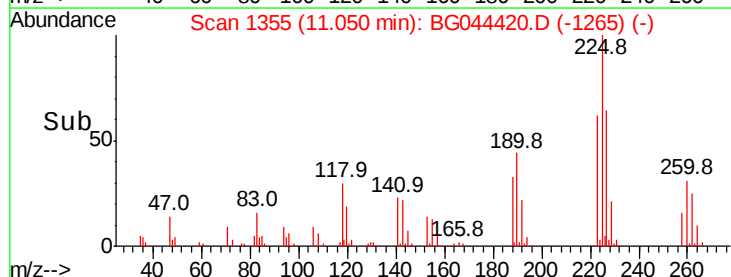
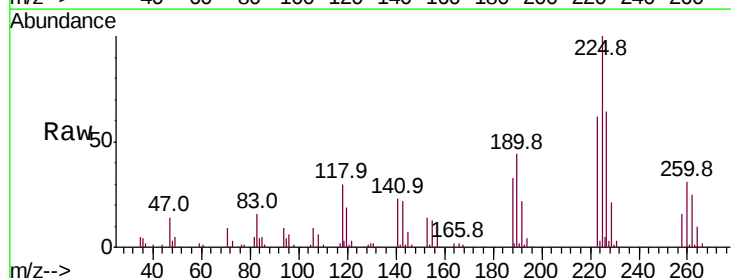
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

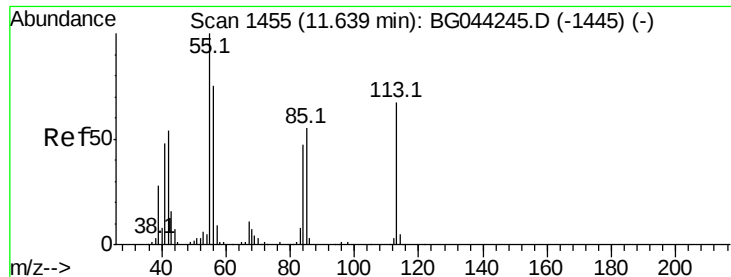
Tot Ion:	127	Resp:	266219
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	40.0
65	28.1	22.5	33.7
92	18.5	14.1	21.1



#34
Hexachlorobutadiene
Concen: 40.133 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion:	225	Resp:	123682
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.4
227	63.9	50.8	76.2





#35

Caprolactam

Concen: 44.125 ng

RT: 11.63 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

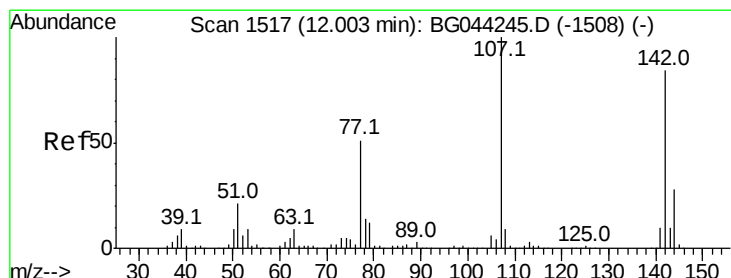
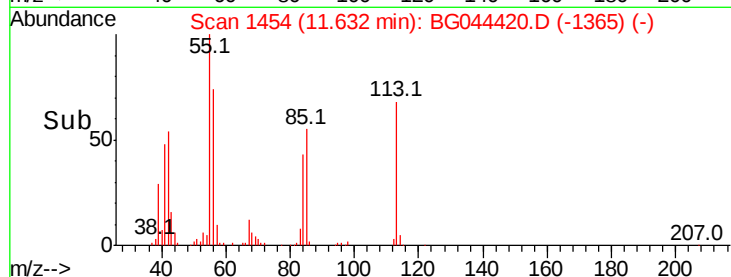
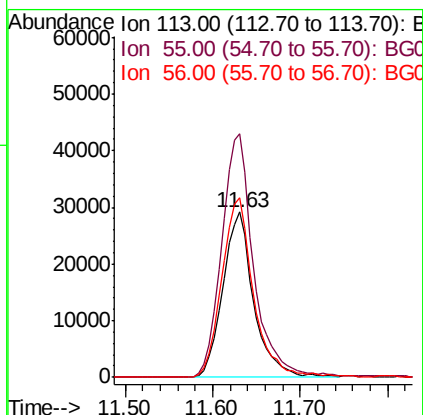
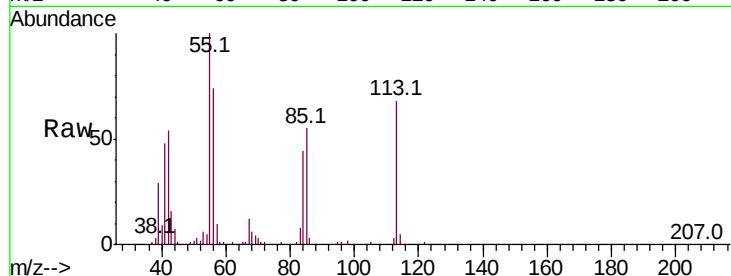
Tot Ion:113 Resp: 70602

Ion Ratio Lower Upper

113 100

55 147.4 129.9 169.9

56 108.8 92.5 132.5



#36

4-Chloro-3-methylphenol

Concen: 42.063 ng

RT: 12.00 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

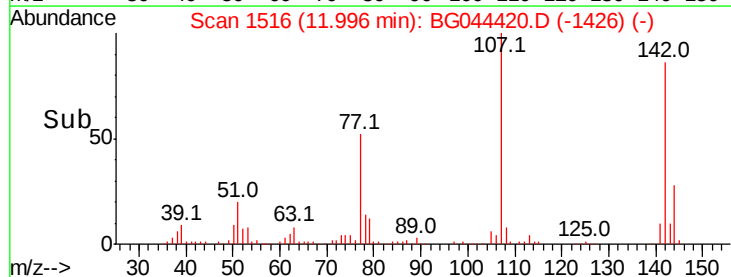
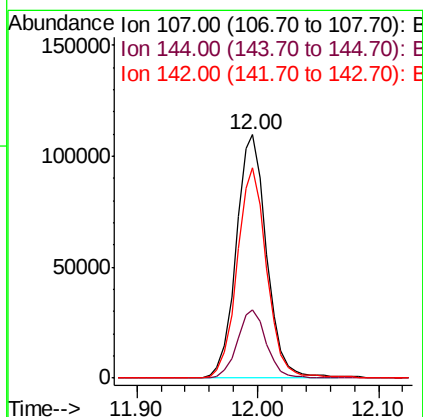
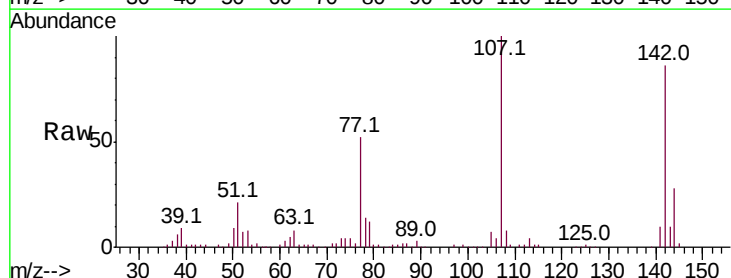
Tgt Ion:107 Resp: 192630

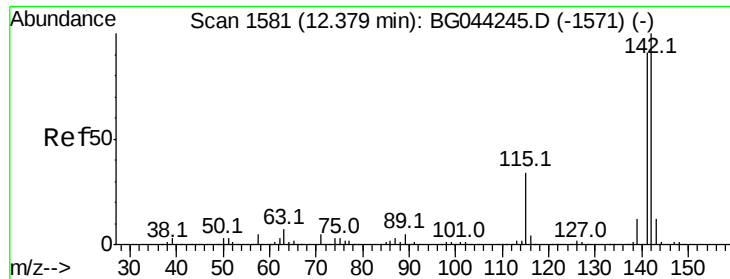
Ion Ratio Lower Upper

107 100

144 27.9 22.2 33.4

142 86.5 67.4 101.0

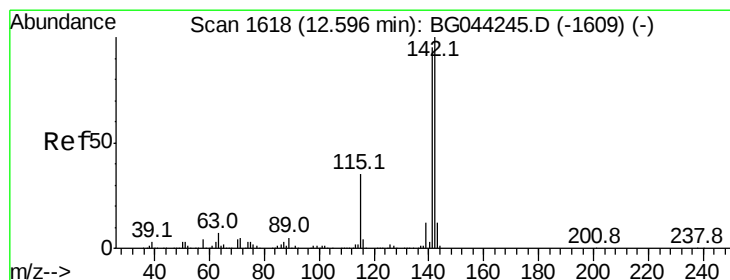
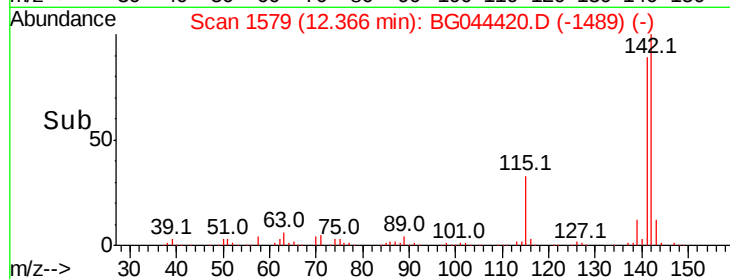
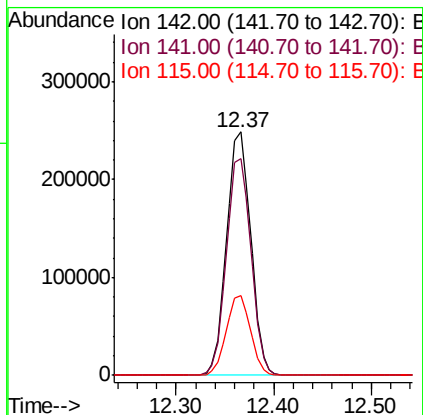
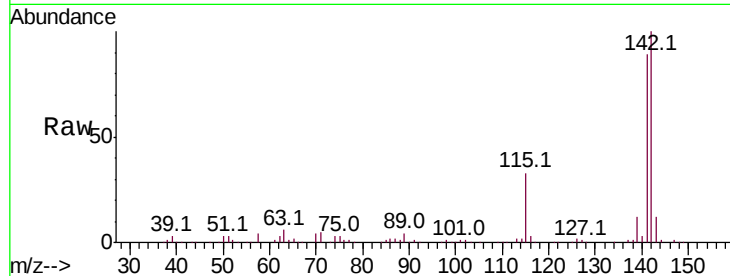




#37
 2-Methylnaphthalene
 Concen: 41.870 ng
 RT: 12.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

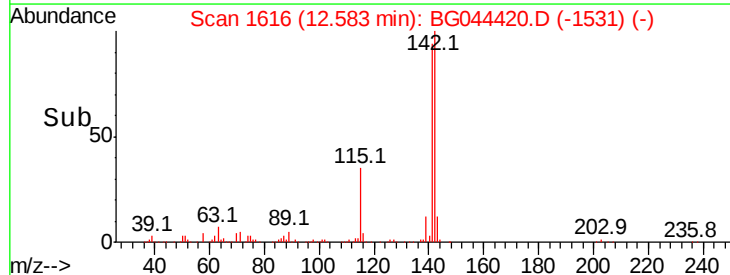
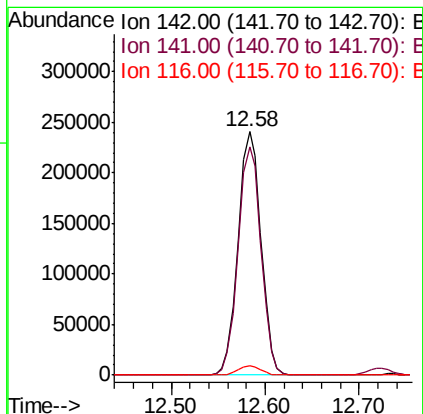
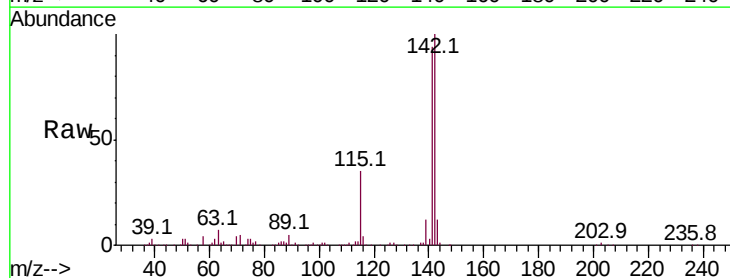
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

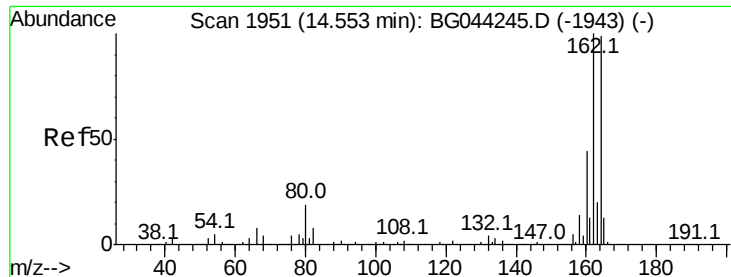
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.2	109.8
115	32.8	27.1	40.7



#38
 1-Methylnaphthalene
 Concen: 42.071 ng
 RT: 12.58 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.55 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

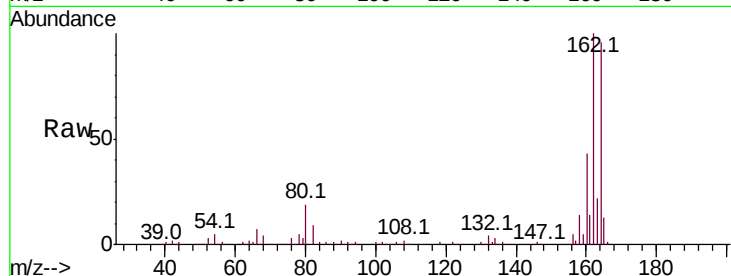
Tot Ion:164 Resp: 183590

Ion Ratio Lower Upper

164 100

162 104.6 80.7 121.1

160 45.4 35.3 52.9

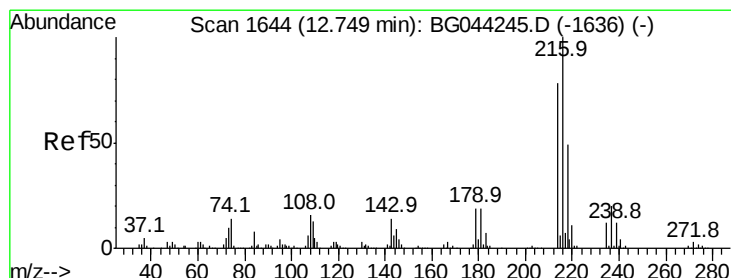
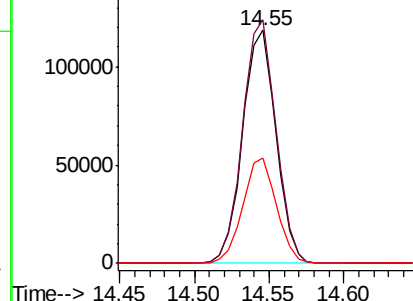
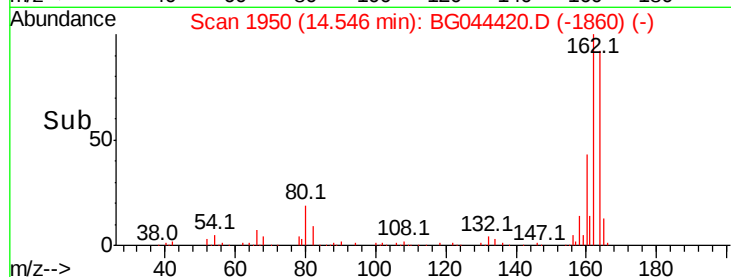


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.312 ng

RT: 12.74 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Tgt Ion:216 Resp: 226877

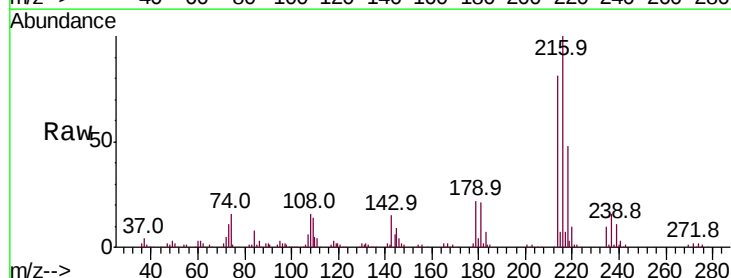
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.6

179 20.7 16.2 24.4

108 16.8 13.5 20.3



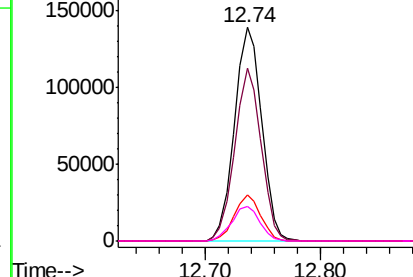
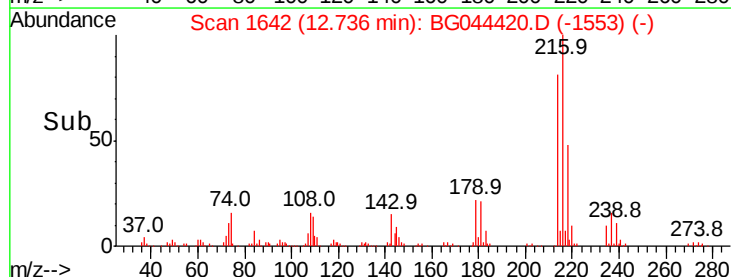
Abundance

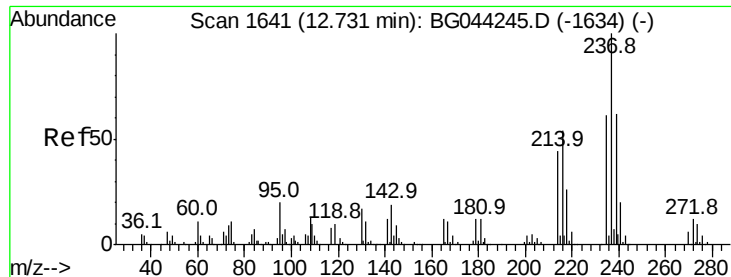
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.984 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

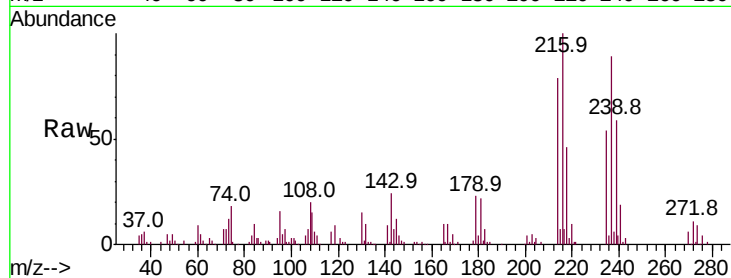
Tot Ion:237 Resp: 94822

Ion Ratio Lower Upper

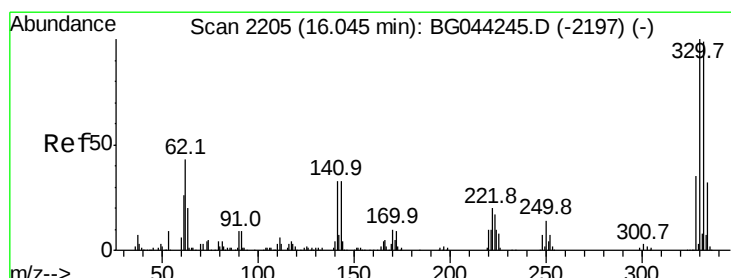
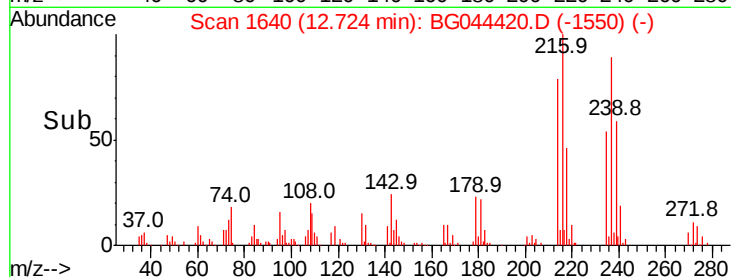
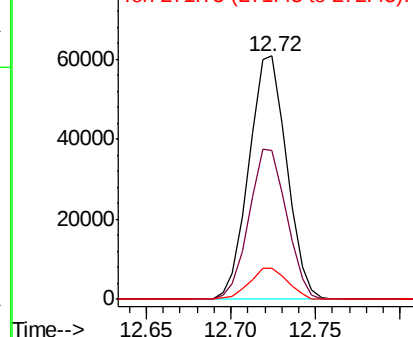
237 100

235 61.0 41.2 81.2

272 12.5 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.752 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

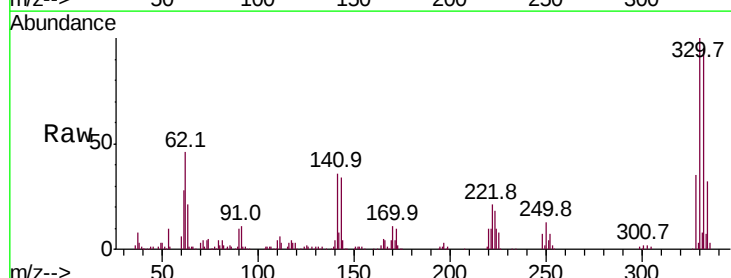
Tgt Ion:330 Resp: 182660

Ion Ratio Lower Upper

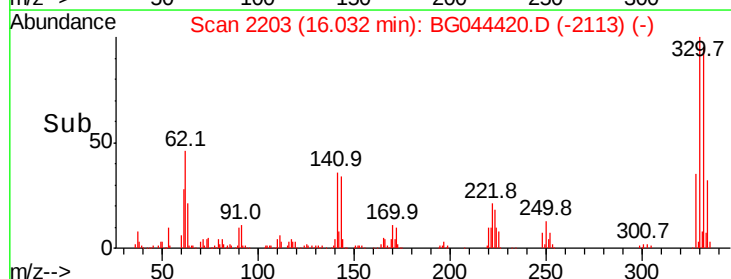
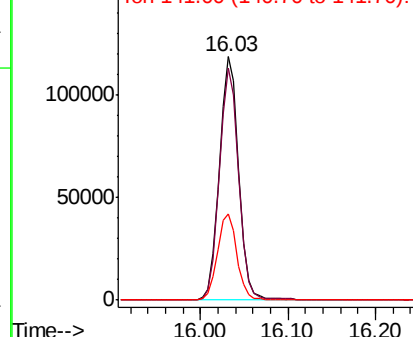
330 100

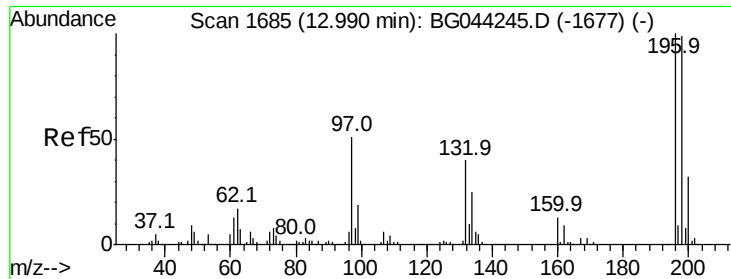
332 95.2 77.2 115.8

141 36.0 28.3 42.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

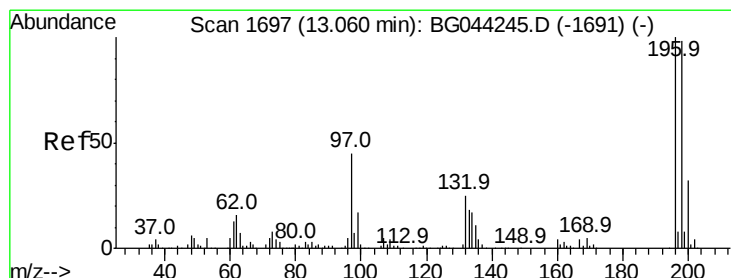
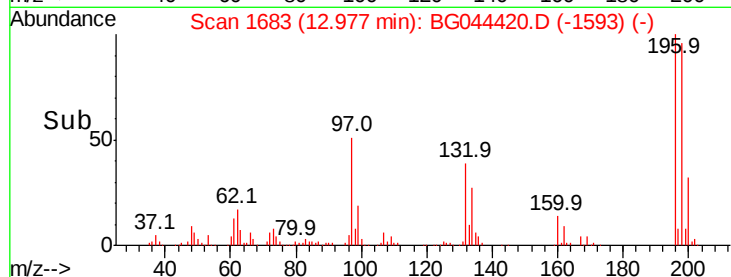
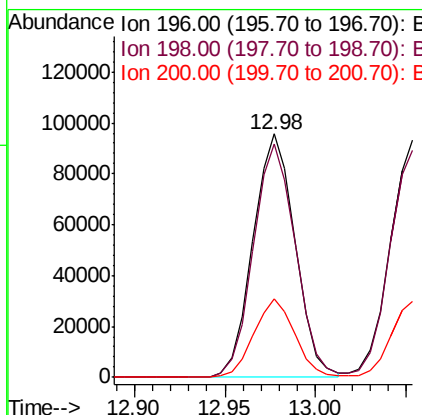
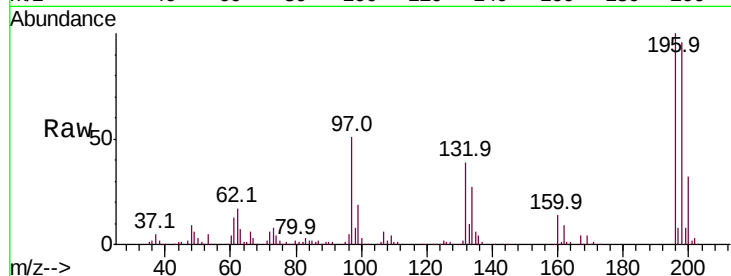




#43
 2,4,6-Trichlorophenol
 Concen: 43.359 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

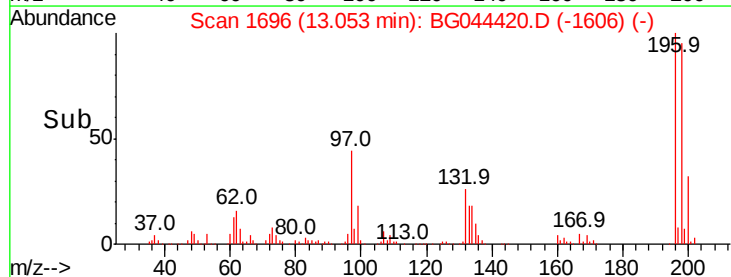
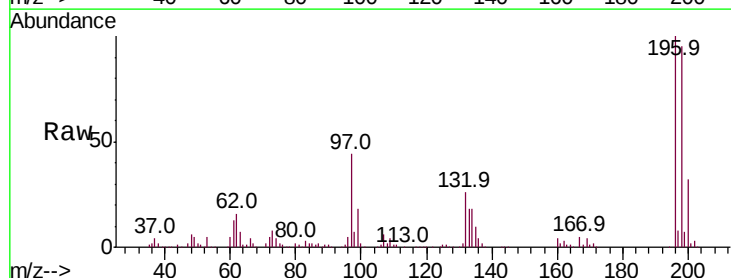
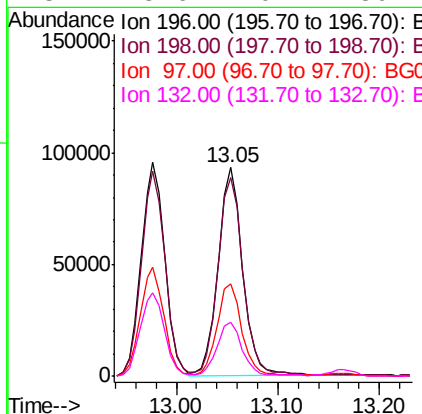
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

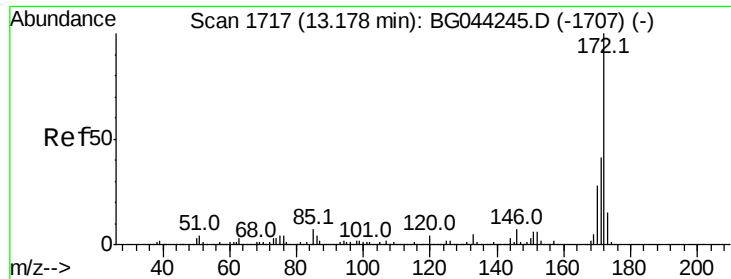
Tot Ion:196 Resp: 153913
 Ion Ratio Lower Upper
 196 100
 198 95.8 79.3 118.9
 200 32.0 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.232 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Tgt Ion:196 Resp: 156746
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.2 117.2
 97 44.1 36.2 54.4
 132 25.6 20.2 30.4

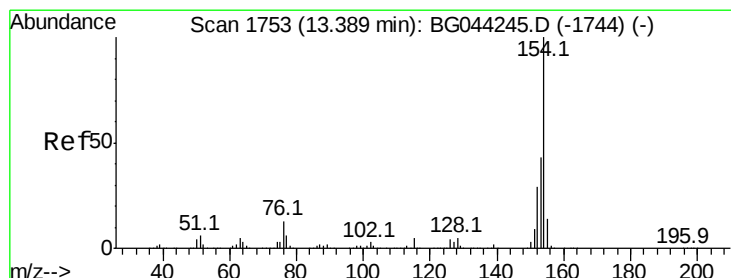
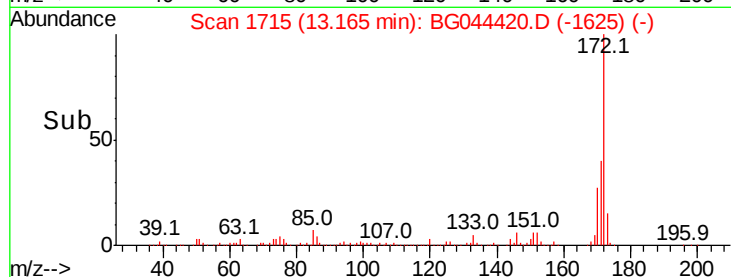
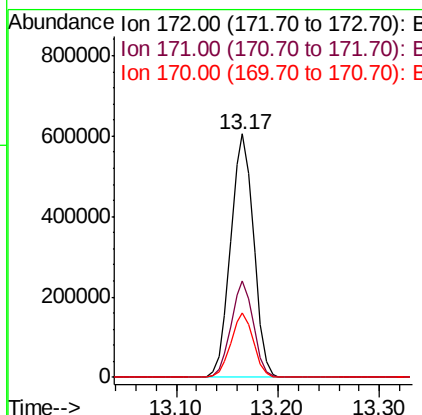
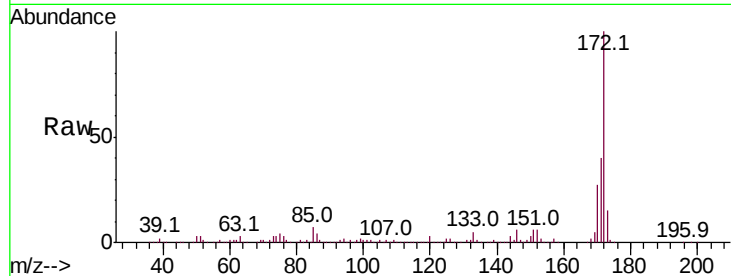




#45
 2-Fluorobiphenyl
 Concen: 86.837 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

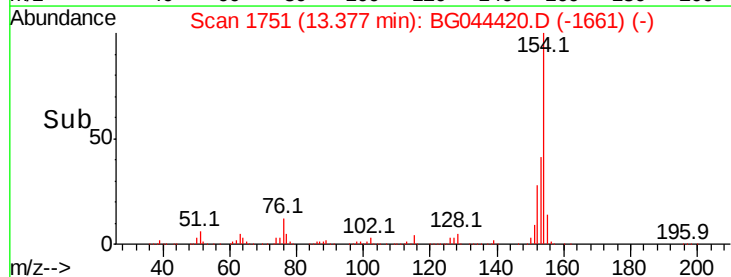
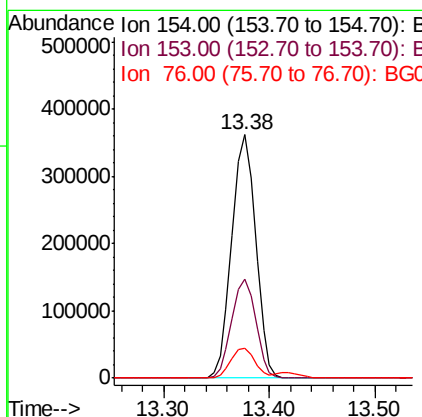
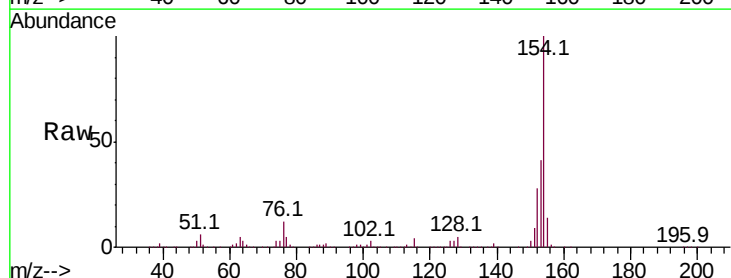
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

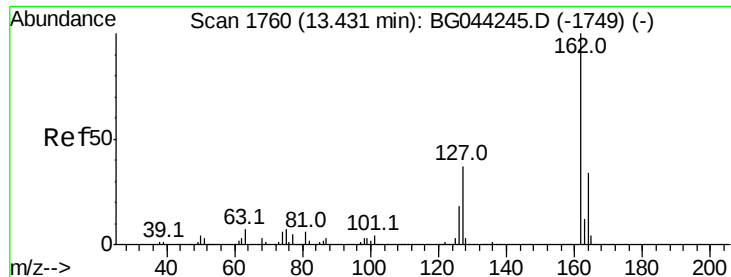
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.6	32.9	49.3
170	26.7	22.0	33.0



#46
 1,1'-Biphenyl
 Concen: 42.856 ng
 RT: 13.38 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	22.7	62.7
76	12.3	0.0	32.9

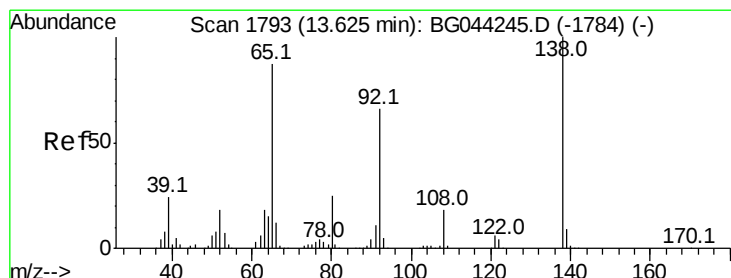
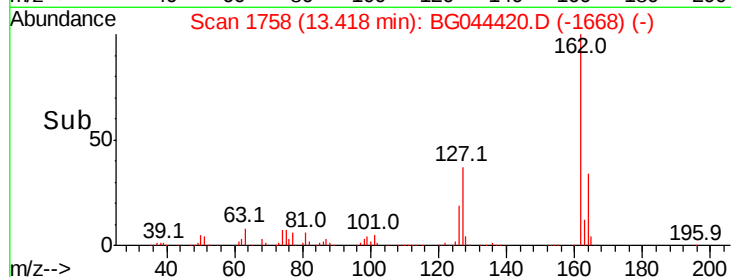
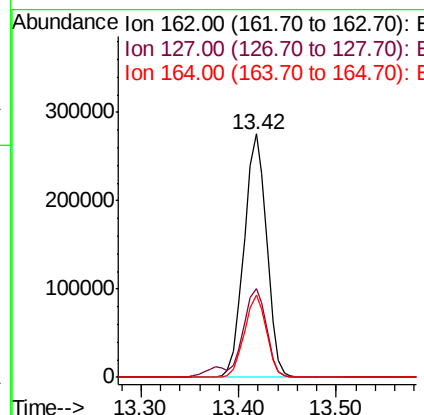
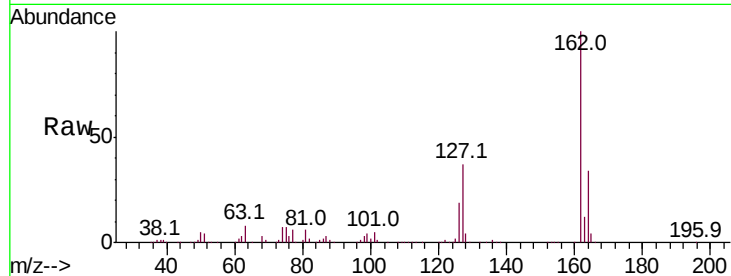




#47
 2-Chloronaphthalene
 Concen: 42.055 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

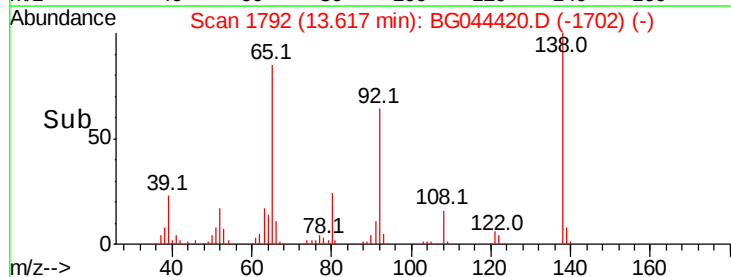
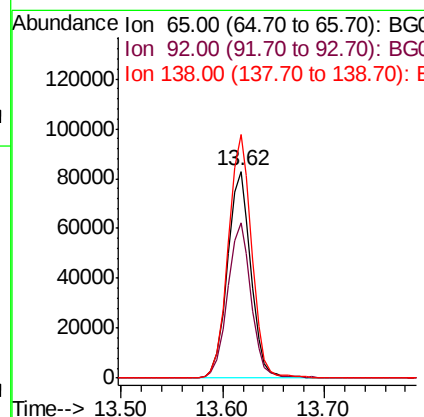
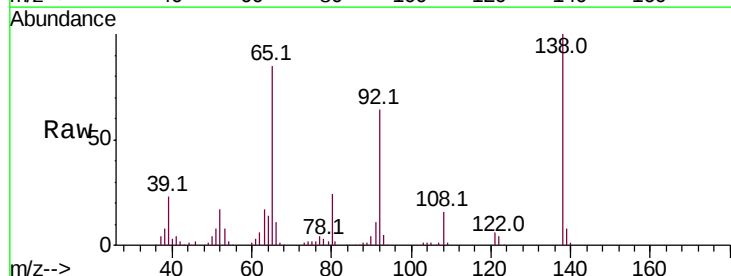
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

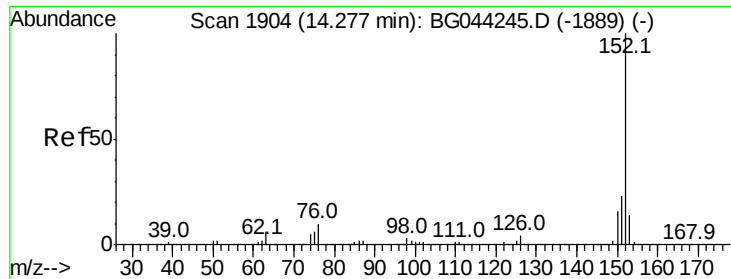
Tot Ion:162 Resp: 443171
 Ion Ratio Lower Upper
 162 100
 127 36.7 30.0 45.0
 164 34.1 27.2 40.8



#48
 2-Nitroaniline
 Concen: 42.744 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Tgt Ion: 65 Resp: 132929
 Ion Ratio Lower Upper
 65 100
 92 74.8 60.3 90.5
 138 117.6 91.9 137.9





#49

Acenaphthylene

Concen: 43.165 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

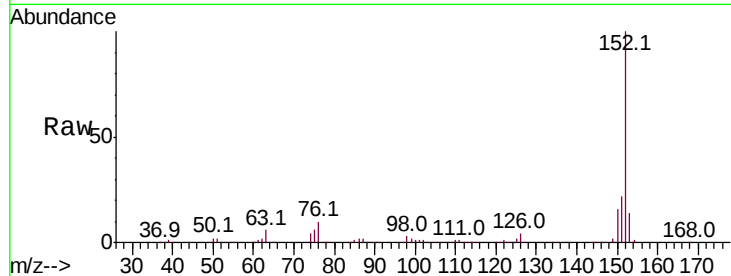
Tot Ion:152 Resp: 667158

Ion Ratio Lower Upper

152 100

151 22.0 18.1 27.1

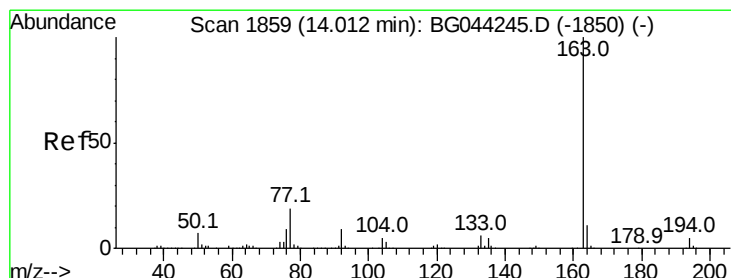
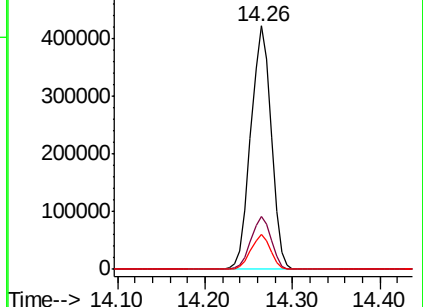
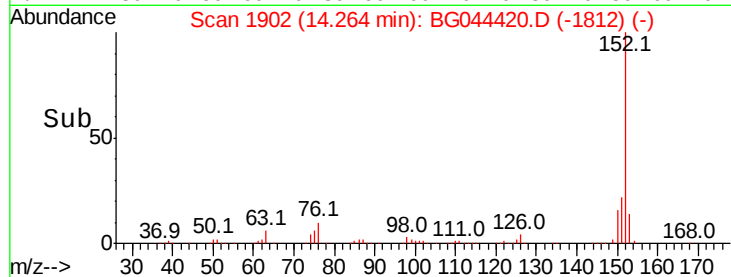
153 14.3 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.127 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

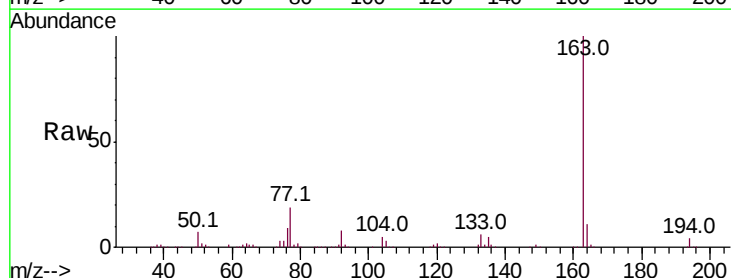
Tgt Ion:163 Resp: 569140

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

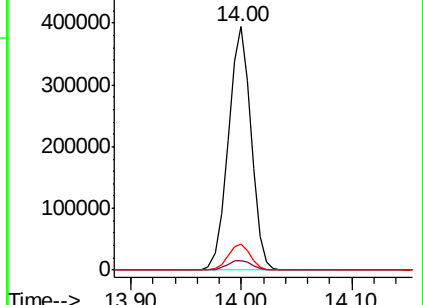
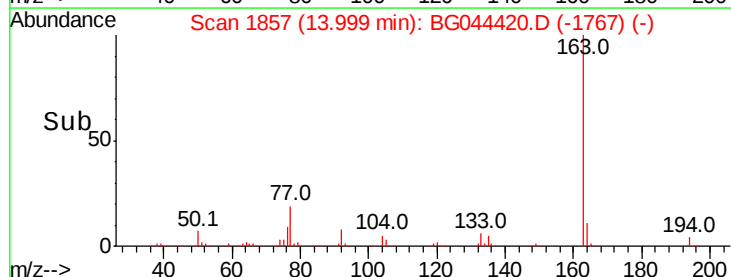
164 10.8 8.7 13.1

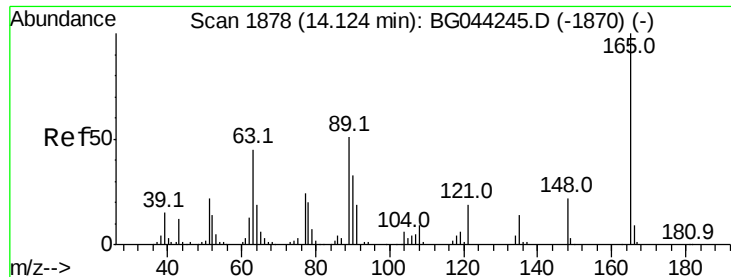


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.131 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

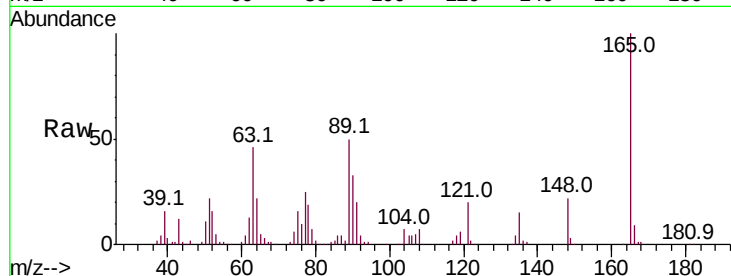
Tot Ion:165 Resp: 123971

Ion Ratio Lower Upper

165 100

63 46.3 38.7 58.1

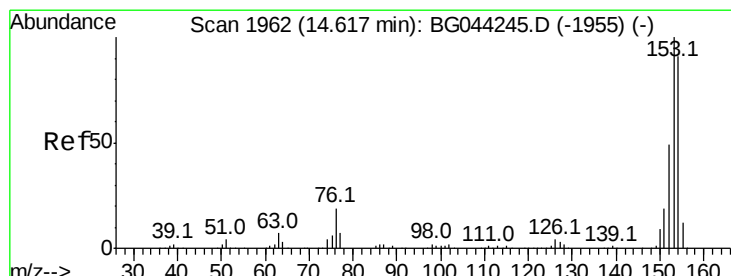
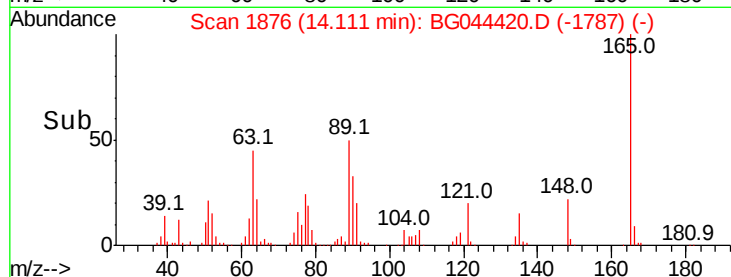
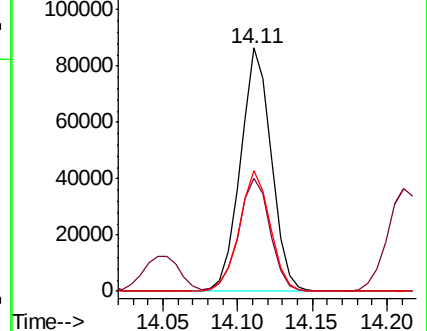
89 49.7 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 42.436 ng

RT: 14.60 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

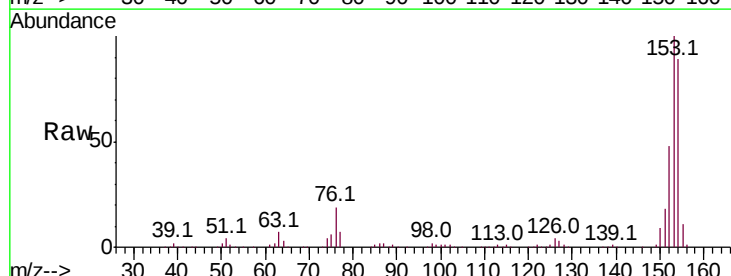
Tgt Ion:154 Resp: 425132

Ion Ratio Lower Upper

154 100

153 112.9 87.9 131.9

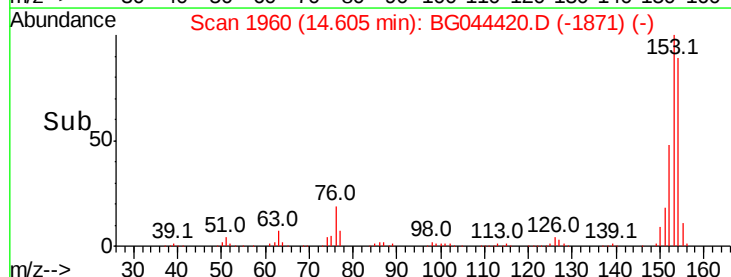
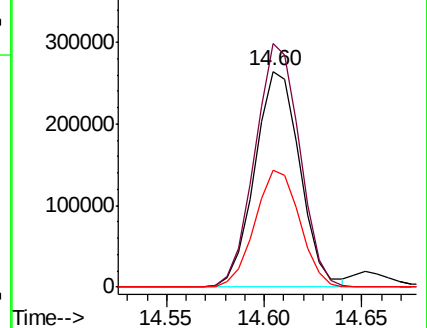
152 54.3 43.1 64.7

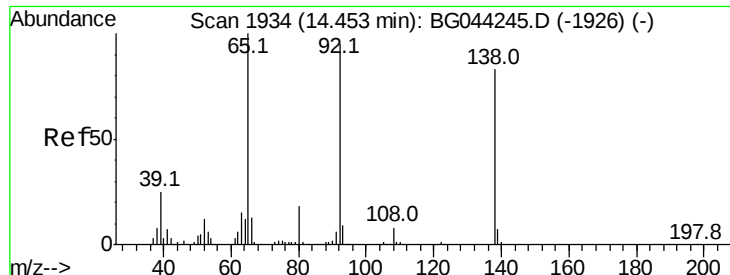


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

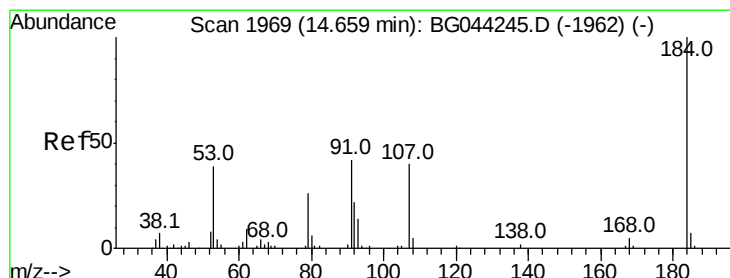
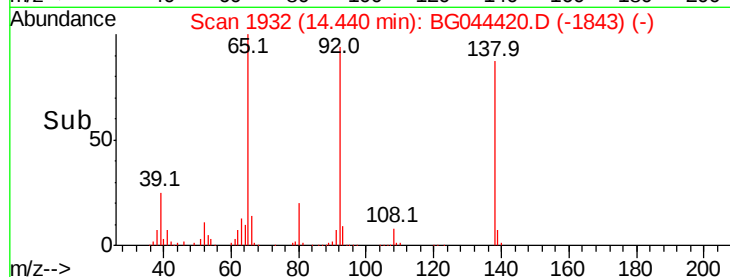
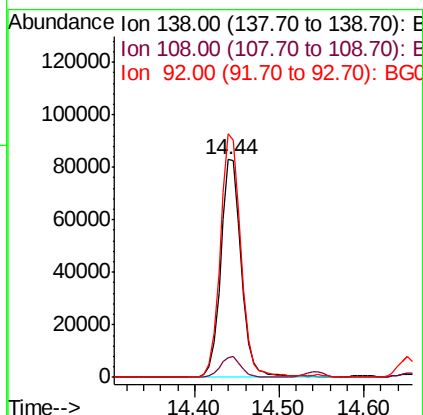
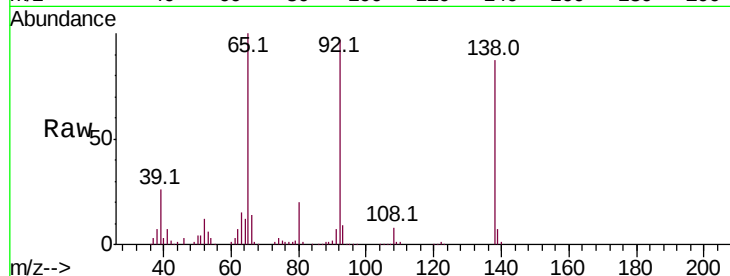




#53
3-Nitroaniline
Concen: 43.028 ng
RT: 14.44 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

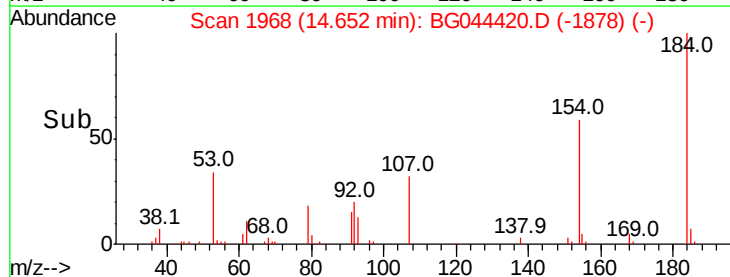
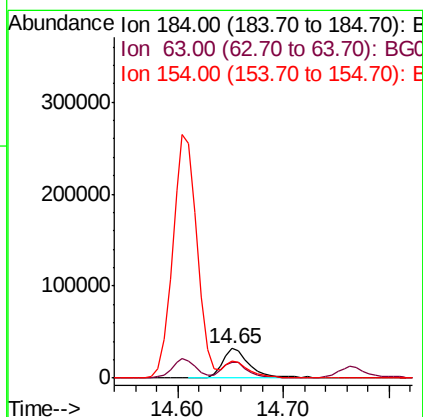
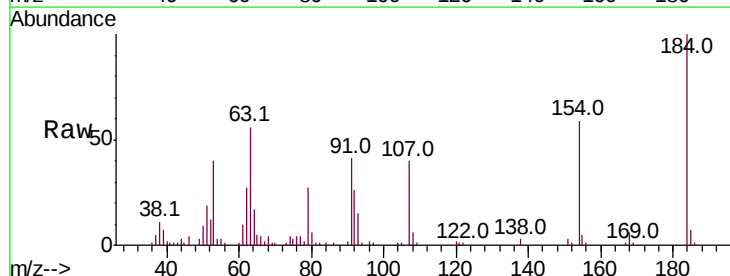
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

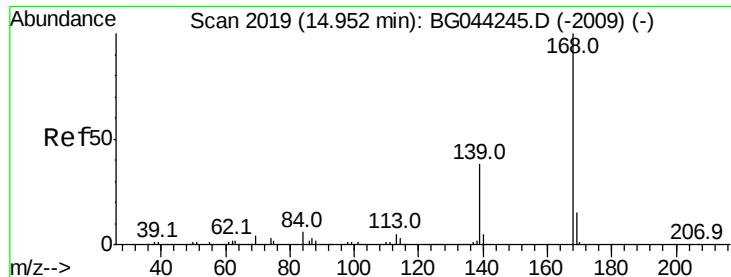
Tot Ion:138 Resp: 140075
Ion Ratio Lower Upper
138 100
108 9.0 7.9 11.9
92 111.9 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 38.024 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion:184 Resp: 58587
Ion Ratio Lower Upper
184 100
63 56.0 44.1 66.1
154 59.5 45.4 68.0

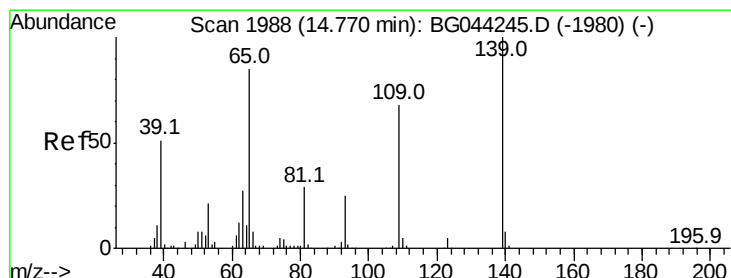
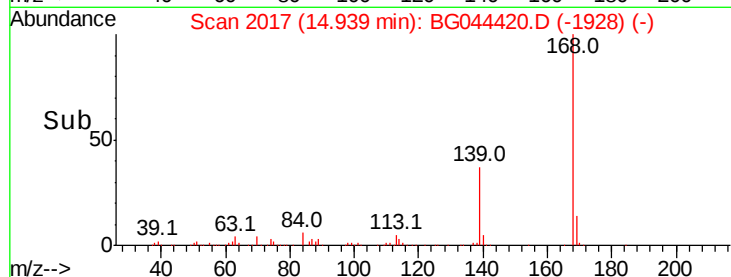
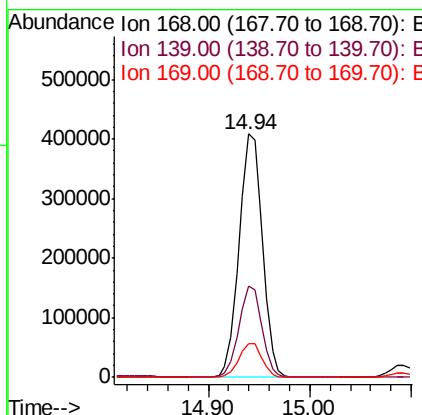
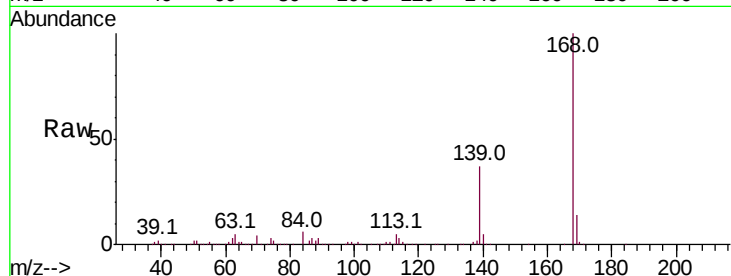




#55
Dibenzofuran
Concen: 43.078 ng
RT: 14.94 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

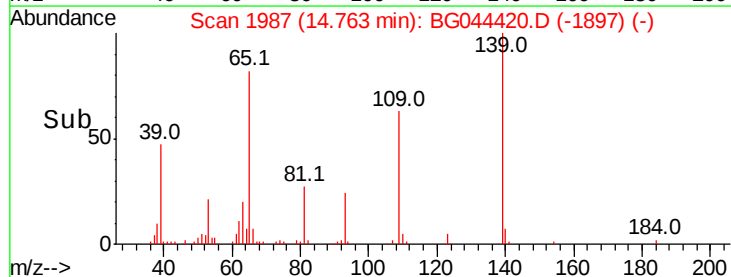
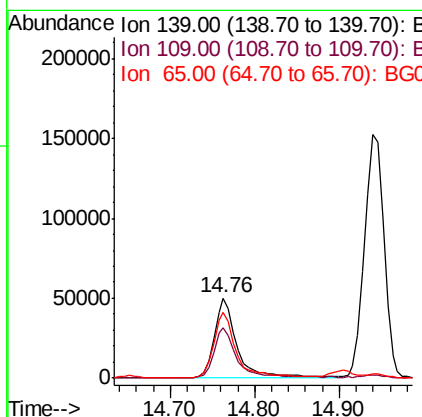
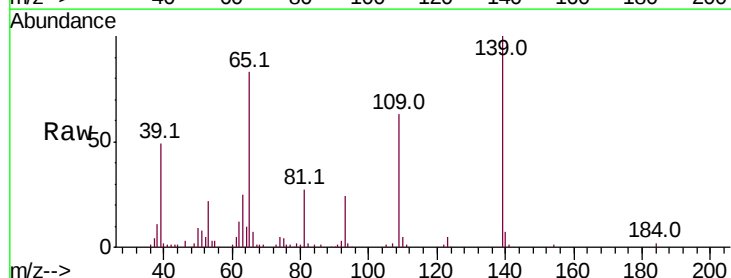
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

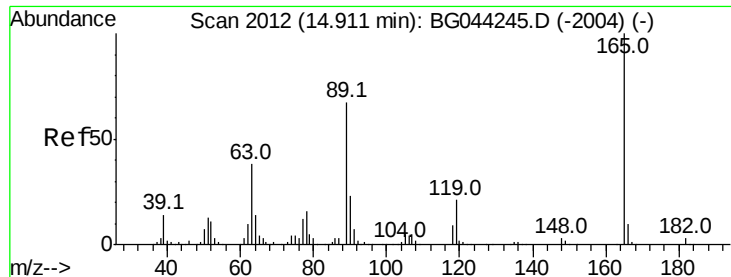
Tot Ion:168 Resp: 653405
Ion Ratio Lower Upper
168 100
139 37.3 30.5 45.7
169 13.8 11.7 17.5



#56
4-Nitrophenol
Concen: 40.082 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion:139 Resp: 95579
Ion Ratio Lower Upper
139 100
109 62.8 47.5 87.5
65 82.5 64.9 104.9

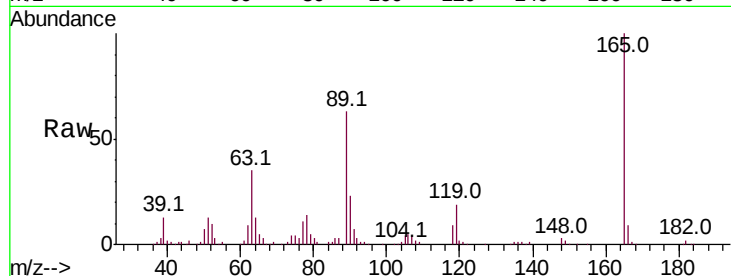




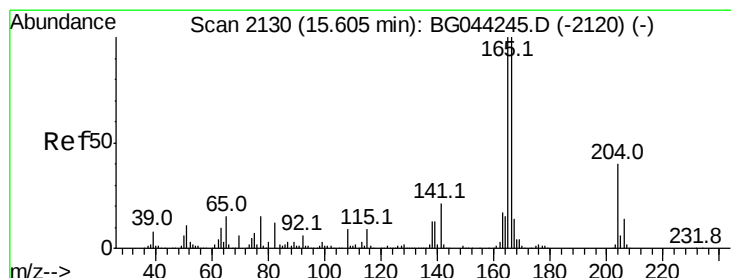
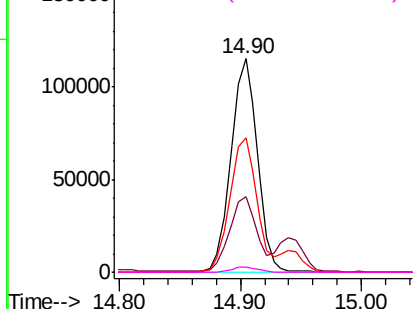
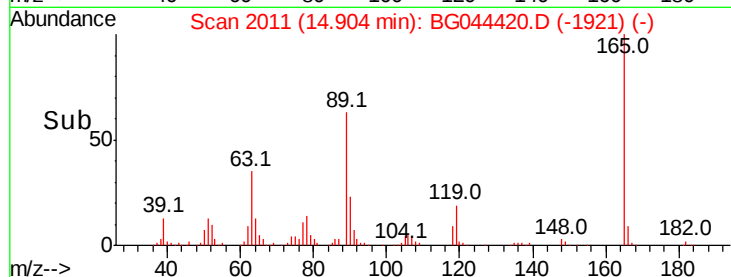
#57
 2,4-Dinitrotoluene
 Concen: 42.593 ng
 RT: 14.90 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion:	165	Resp:	175657
Ion	Ratio	Lower	Upper
165	100		
63	35.3	30.3	45.5
89	62.9	53.4	80.2
182	2.3	2.1	3.1

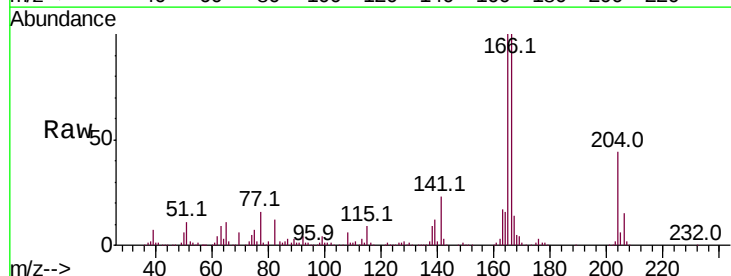


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

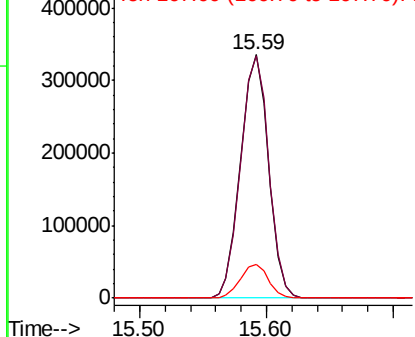
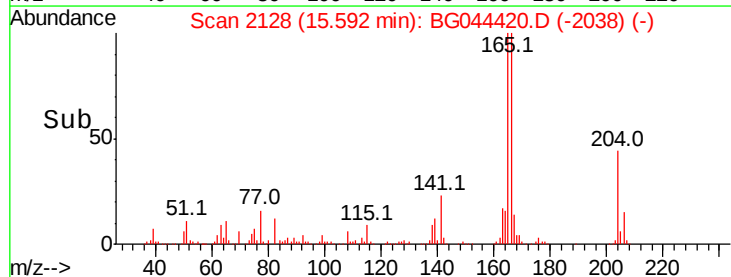


#58
 Fluorene
 Concen: 43.070 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Tgt Ion:	166	Resp:	514540
Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.9	119.9
167	13.8	11.4	17.0



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.782 ng

RT: 15.17 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 140110

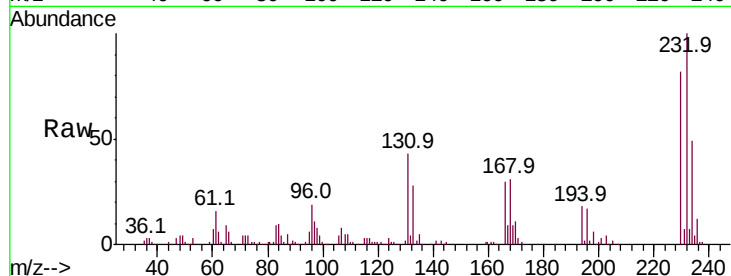
Ion Ratio Lower Upper

232 100

131 42.9 34.2 51.4

130 2.4 1.8 2.8

166 31.0 23.8 35.8

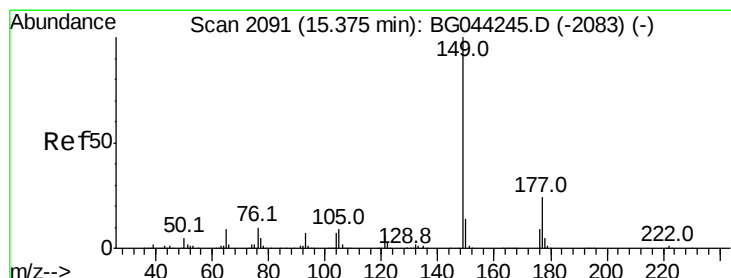
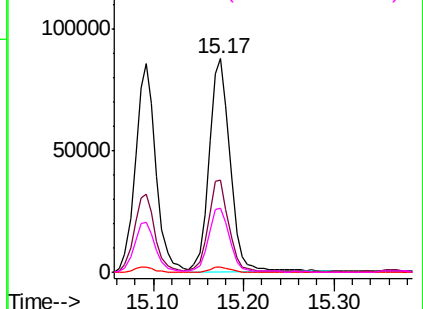
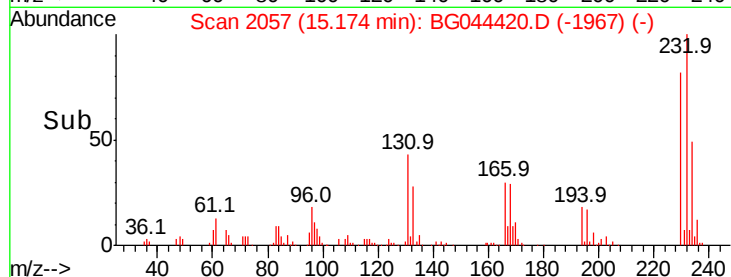


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.340 ng

RT: 15.36 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

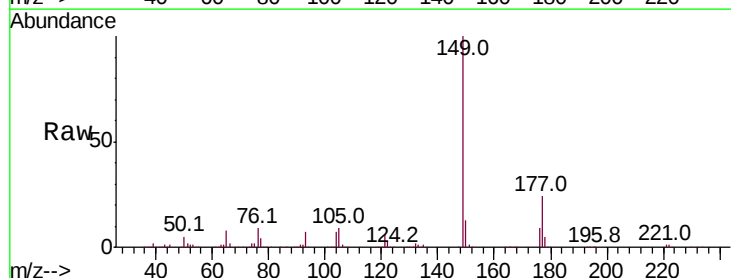
Tgt Ion:149 Resp: 569915

Ion Ratio Lower Upper

149 100

177 23.6 19.4 29.0

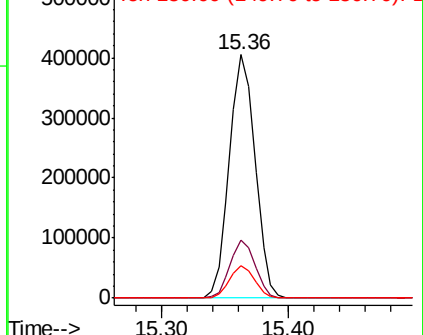
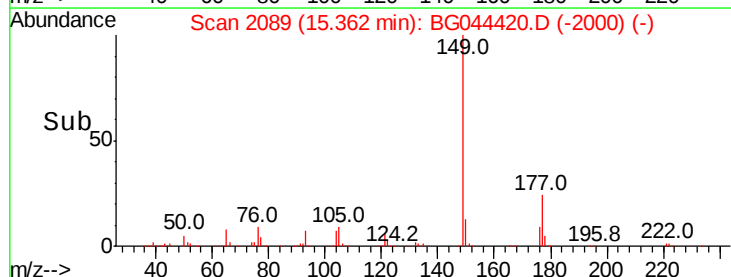
150 13.3 10.9 16.3

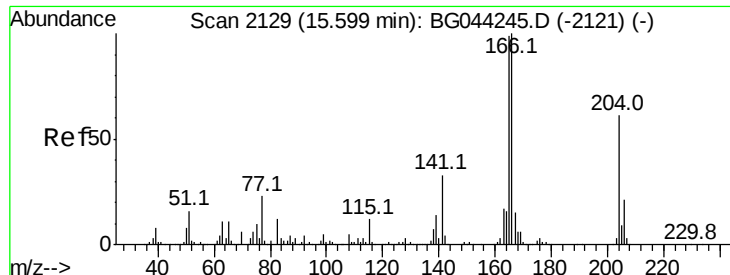


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

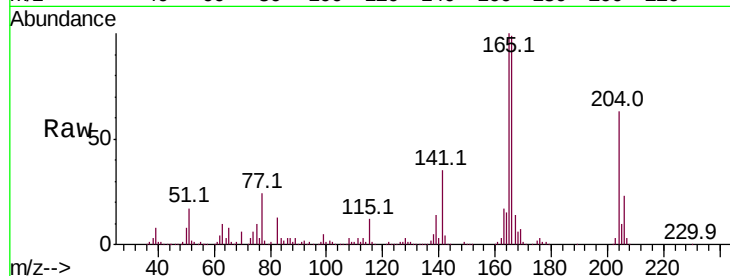




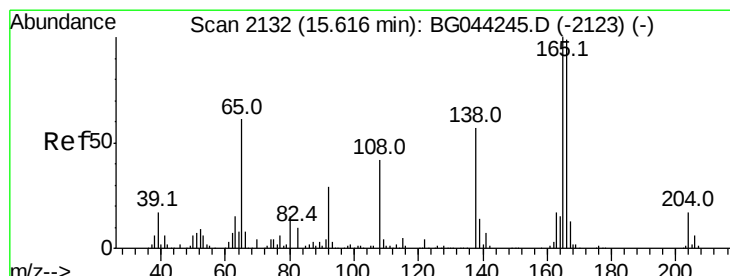
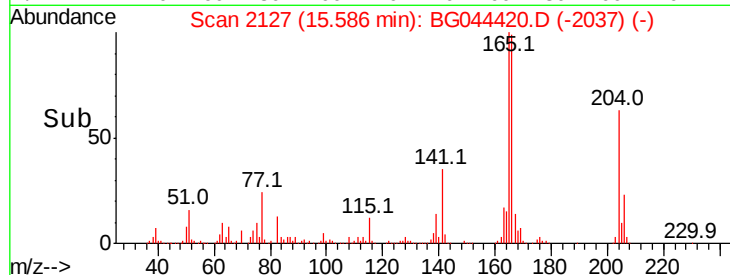
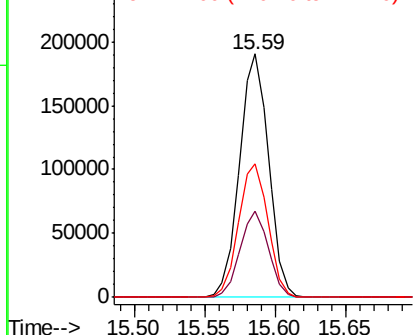
#61
4-Chlorophenyl-phenylether
Concen: 42.355 ng
RT: 15.59 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 274361
Ion Ratio Lower Upper
204 100
206 35.6 27.6 41.4
141 54.8 43.4 65.0

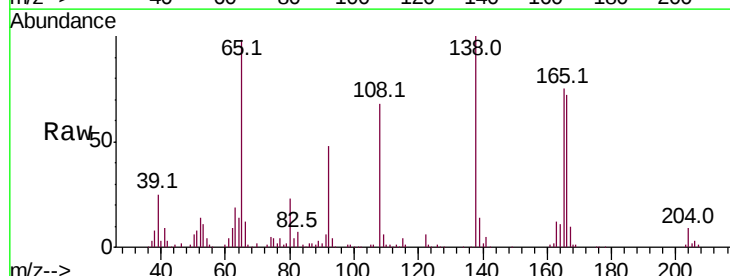


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

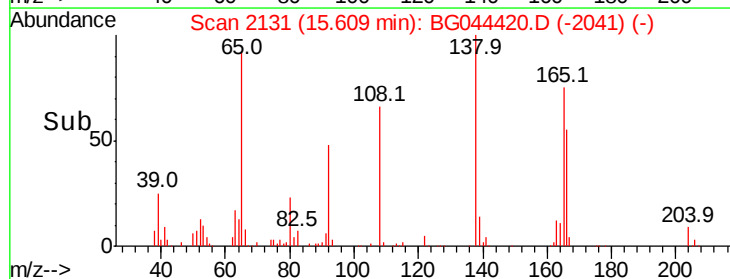
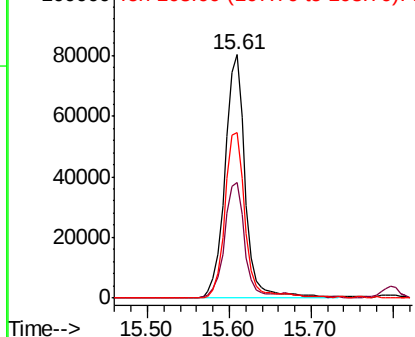


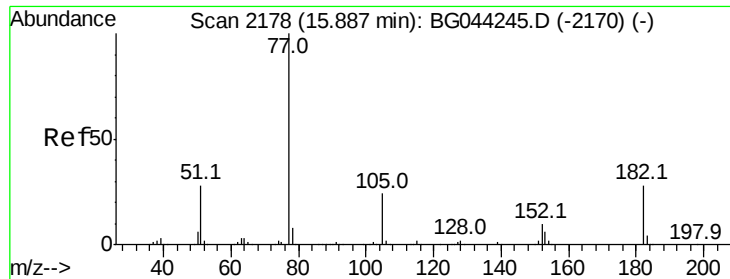
#62
4-Nitroaniline
Concen: 42.647 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion:138 Resp: 138726
Ion Ratio Lower Upper
138 100
92 47.5 31.3 71.3
108 68.2 52.6 92.6



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

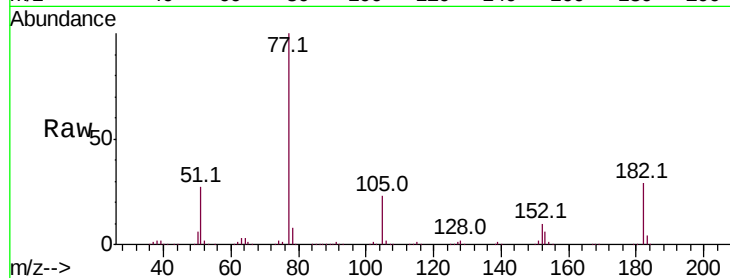




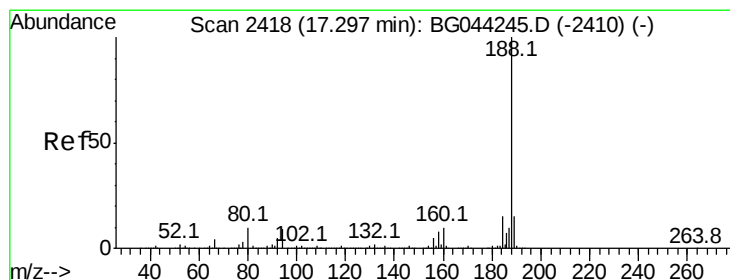
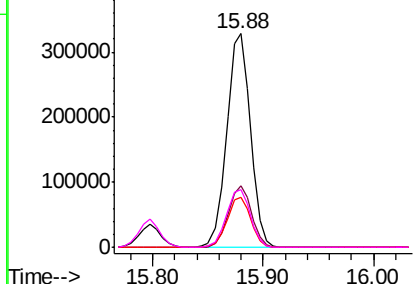
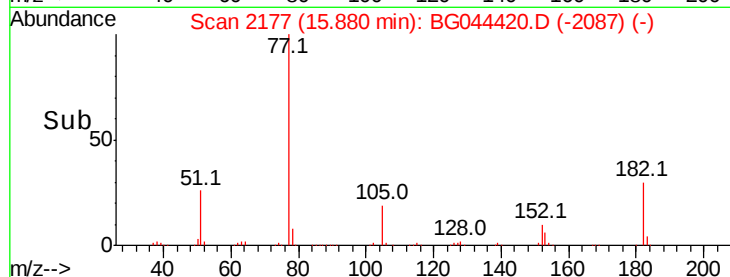
#63
Azobenzene
Concen: 42.510 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.2	48.2
105	23.4	3.6	43.6
51	26.9	8.3	48.3

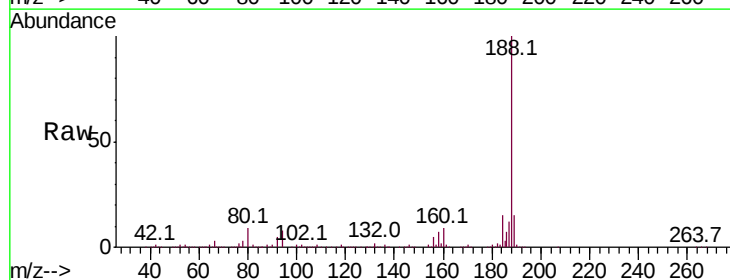


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

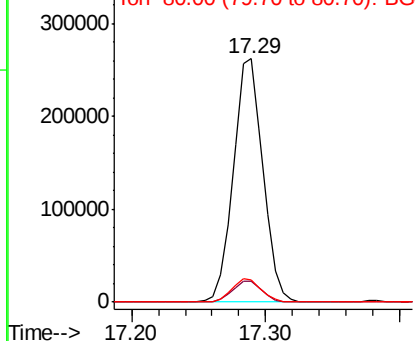
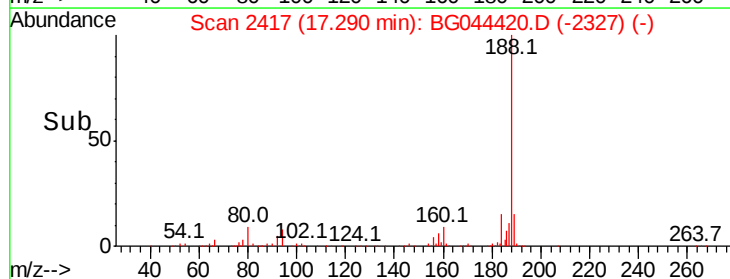


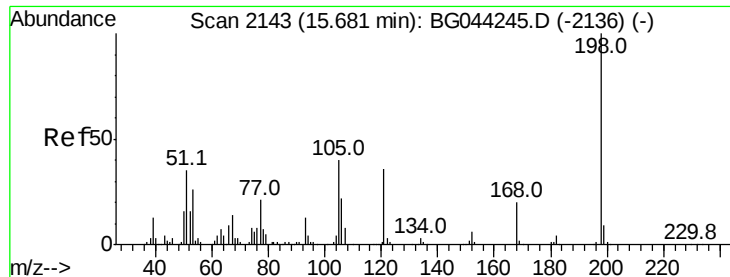
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.2
80	9.1	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 37.425 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

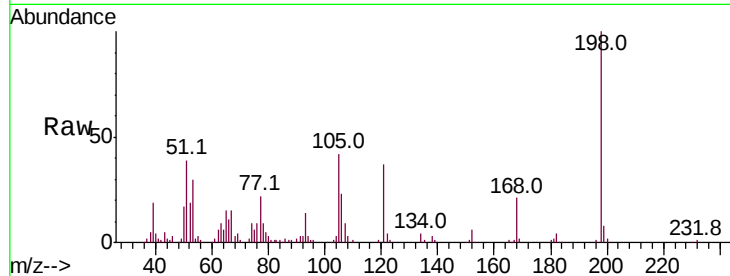
Tot Ion:198 Resp: 82901

Ion Ratio Lower Upper

198 100

51 39.0 16.6 56.6

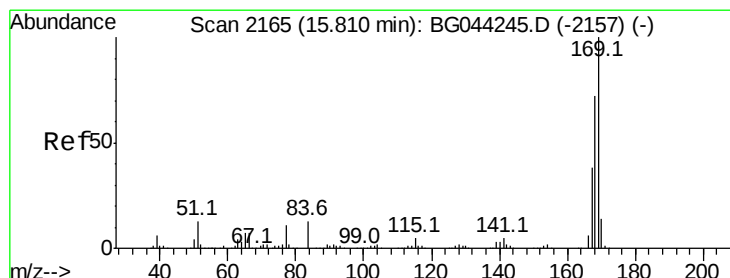
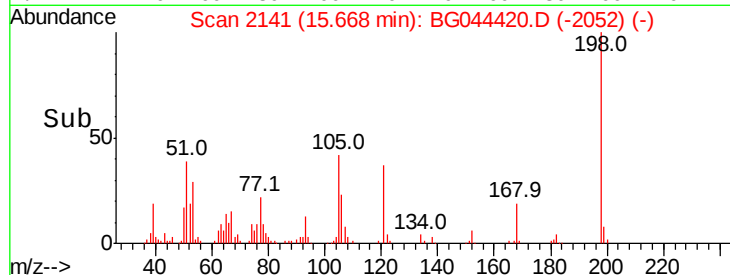
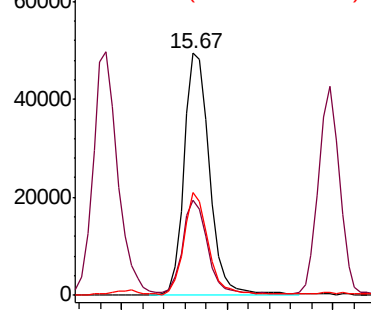
105 42.3 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.867 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

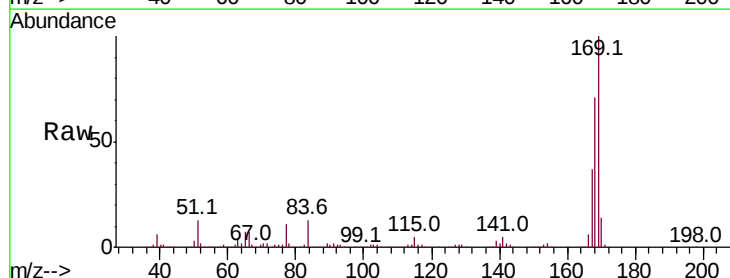
Tgt Ion:169 Resp: 470828

Ion Ratio Lower Upper

169 100

168 71.3 57.9 86.9

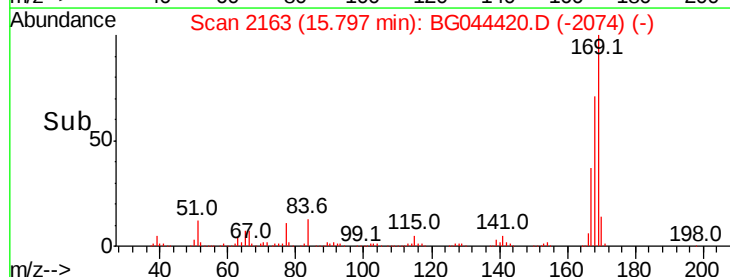
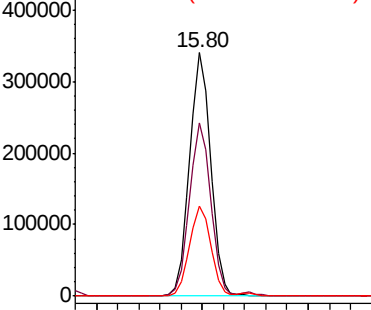
167 37.0 30.7 46.1

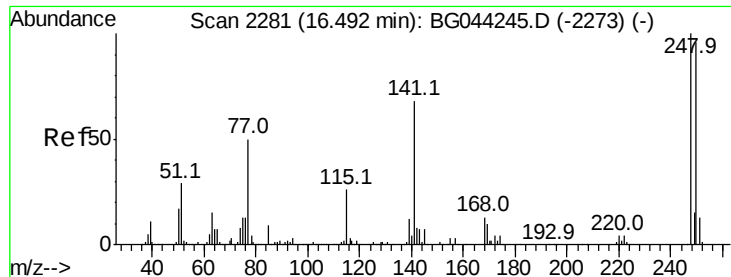


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

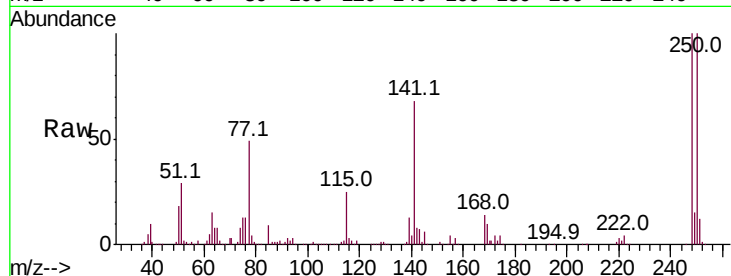




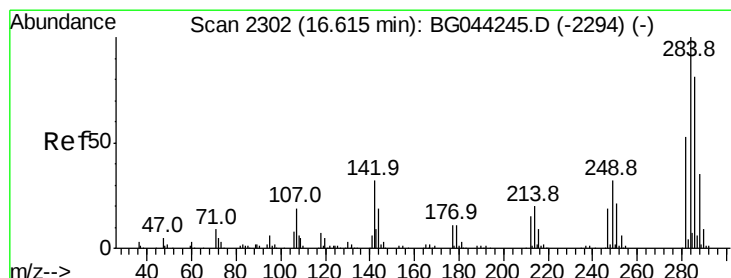
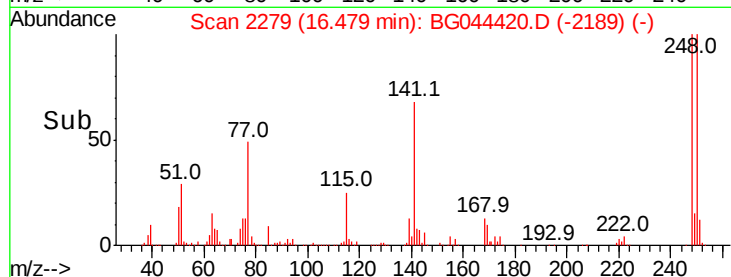
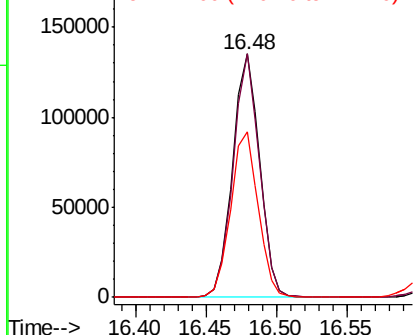
#67
4-Bromophenyl-phenylether
Concen: 41.257 ng
RT: 16.48 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 180373
Ion Ratio Lower Upper
248 100
250 99.9 76.6 114.8
141 68.2 54.7 82.1

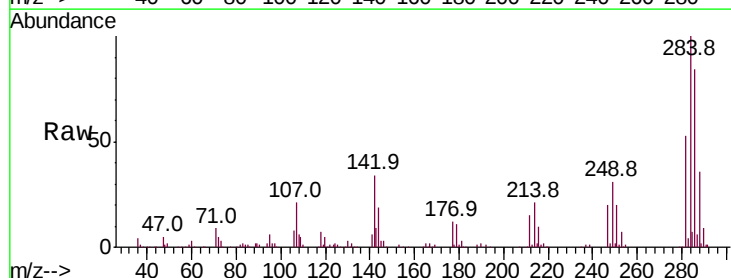


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

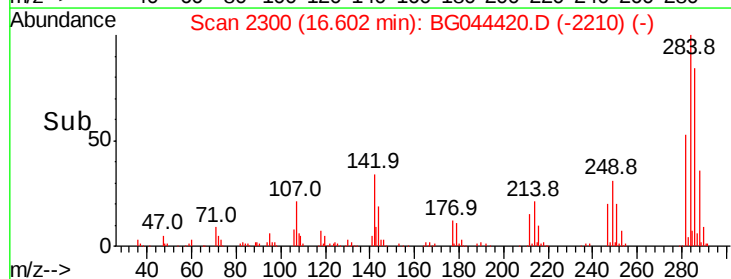
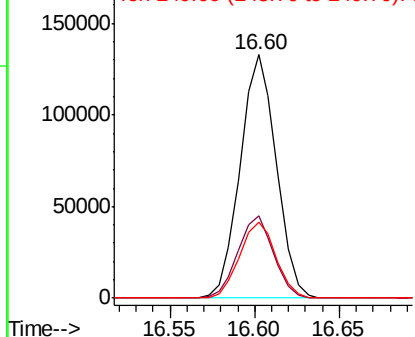


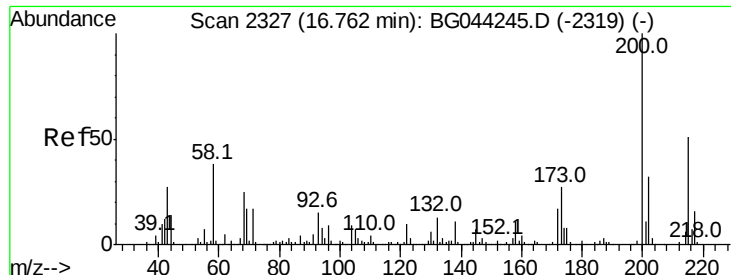
#68
Hexachlorobenzene
Concen: 40.296 ng
RT: 16.60 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion:284 Resp: 197373
Ion Ratio Lower Upper
284 100
142 33.8 25.3 37.9
249 31.4 25.5 38.3



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

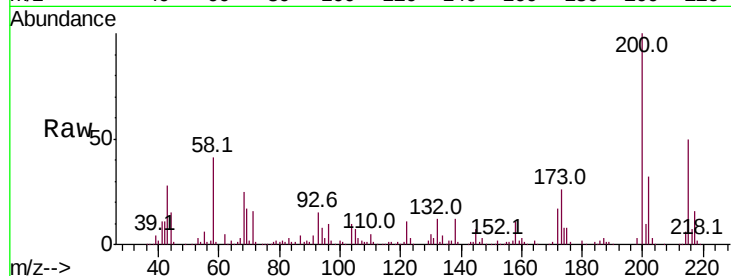




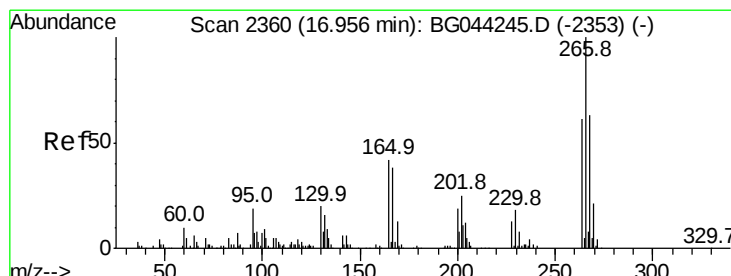
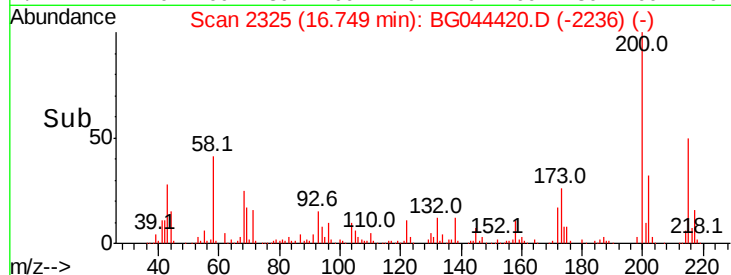
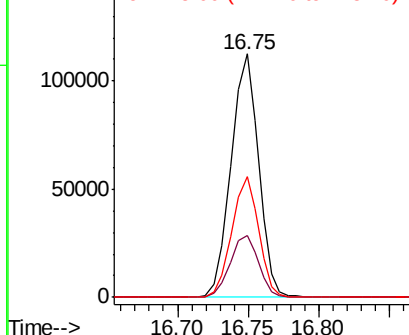
#69
 Atrazine
 Concen: 39.709 ng
 RT: 16.75 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.6	46.6
215	49.5	31.0	71.0

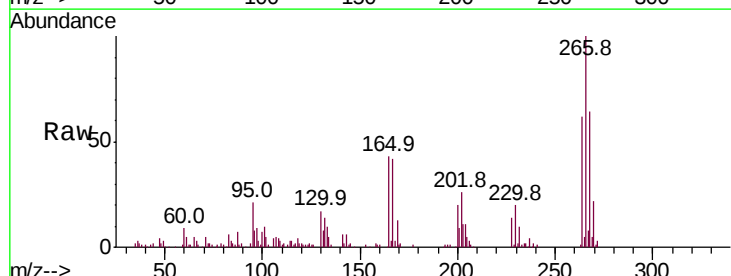


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

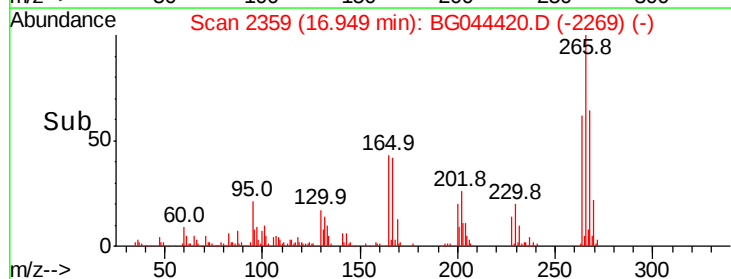
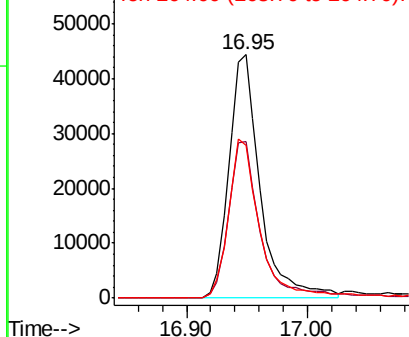


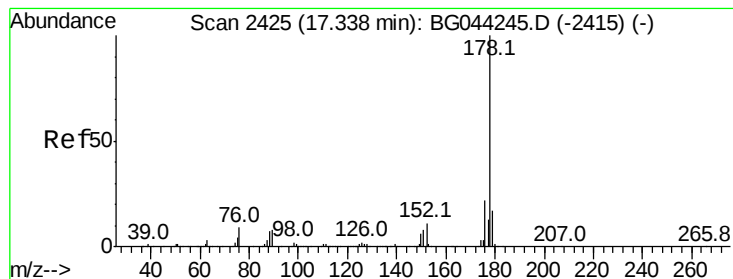
#70
 Pentachlorophenol
 Concen: 34.198 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	50.6	75.8
264	62.5	48.7	73.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.631 ng

RT: 17.33 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

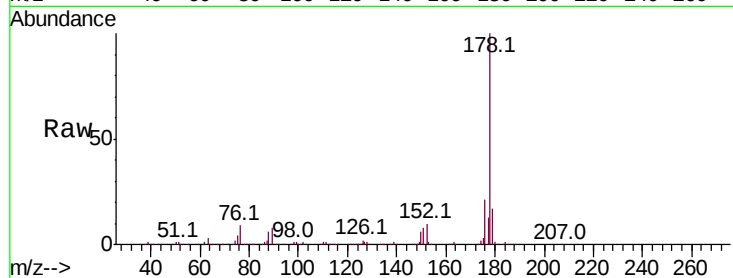
Tot Ion:178 Resp: 828402

Ion Ratio Lower Upper

178 100

176 21.2 17.7 26.5

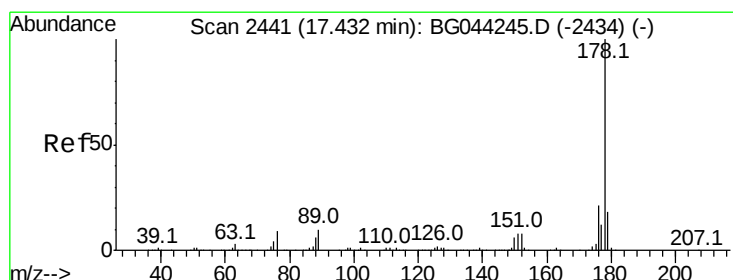
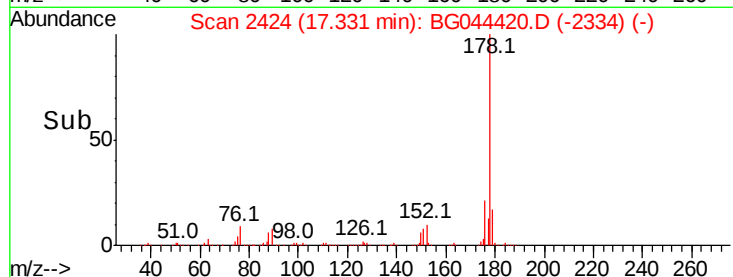
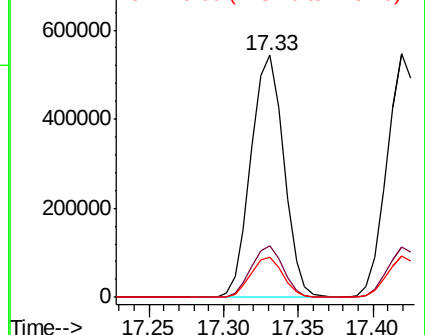
179 16.8 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.708 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

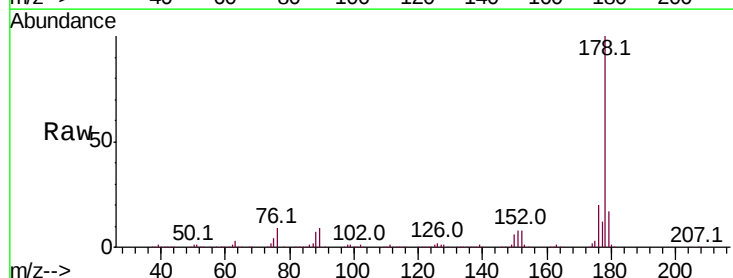
Tgt Ion:178 Resp: 820474

Ion Ratio Lower Upper

178 100

176 20.4 17.0 25.4

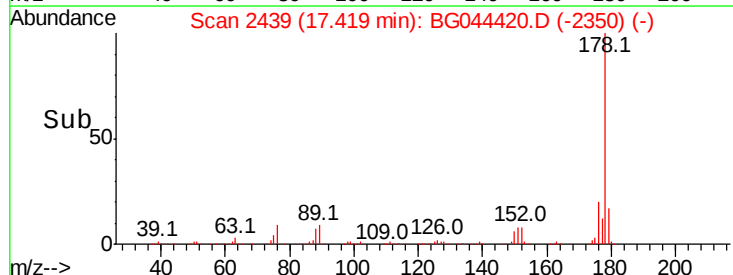
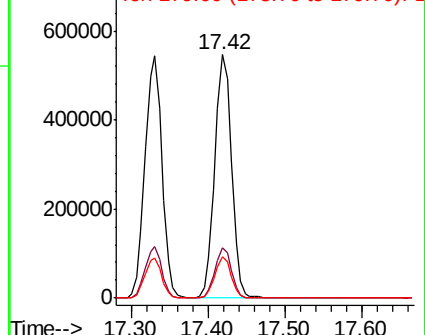
179 16.9 14.4 21.6

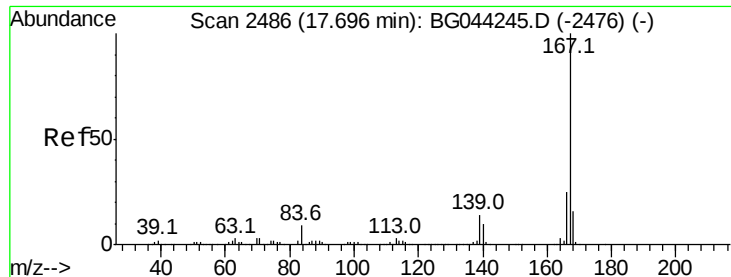


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

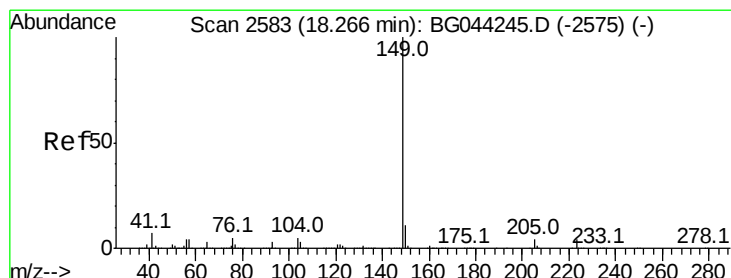
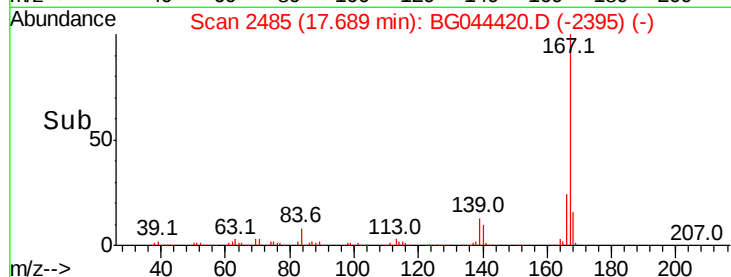
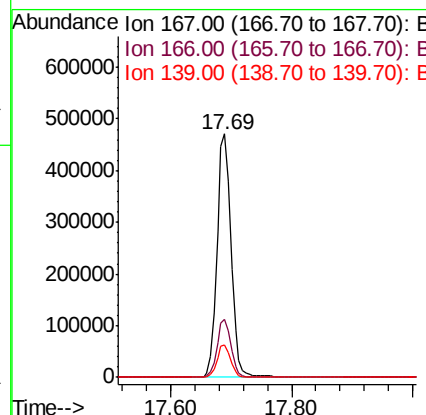
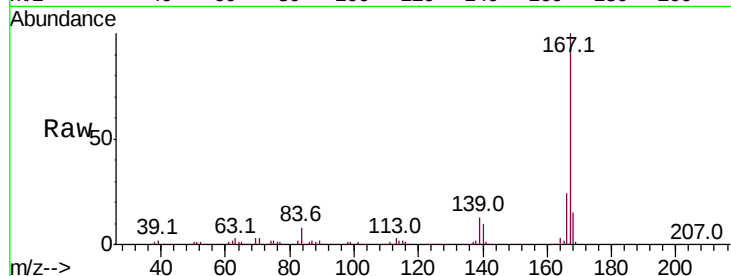




#73
 Carbazole
 Concen: 42.832 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

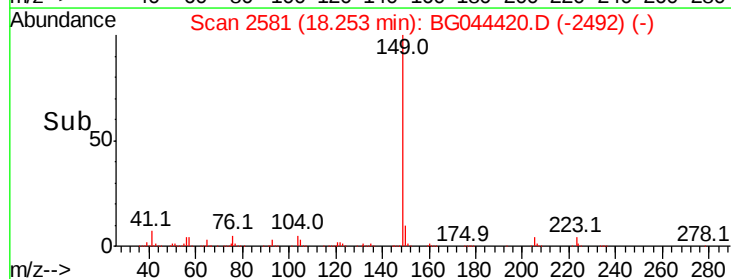
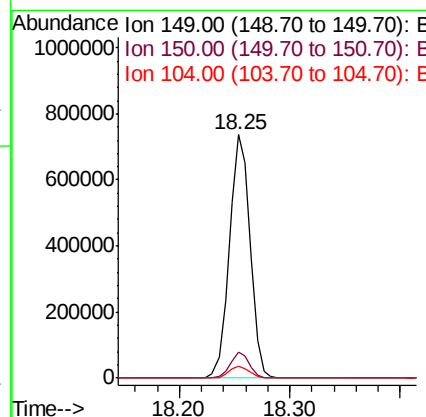
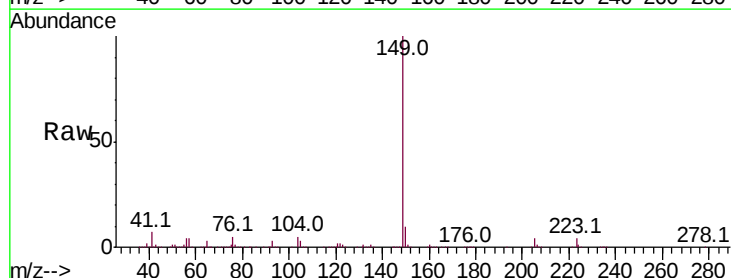
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

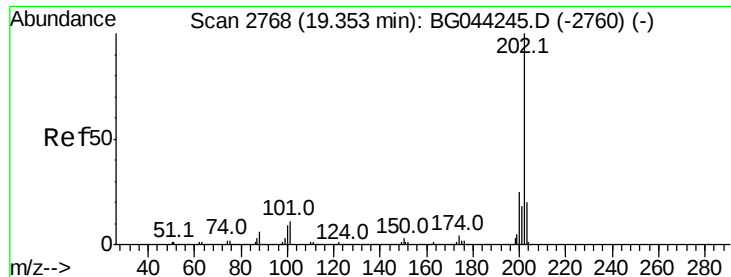
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.8	29.6
139	13.3	11.1	16.7



#74
 Di-n-butylphthalate
 Concen: 44.077 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.00 min
 Lab File: BG044420.D
 Acq: 13 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	8.7	13.1
104	5.1	4.3	6.5





#75

Fluoranthene

Concen: 42.898 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

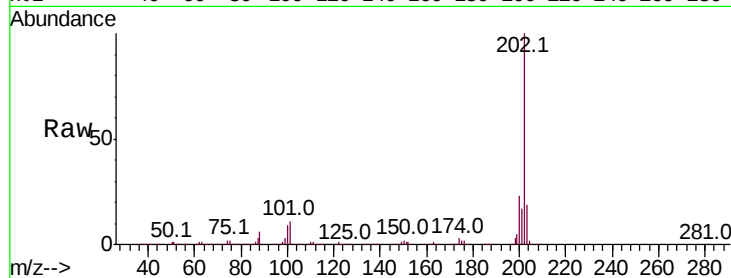
Tot Ion:202 Resp: 964293

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.3

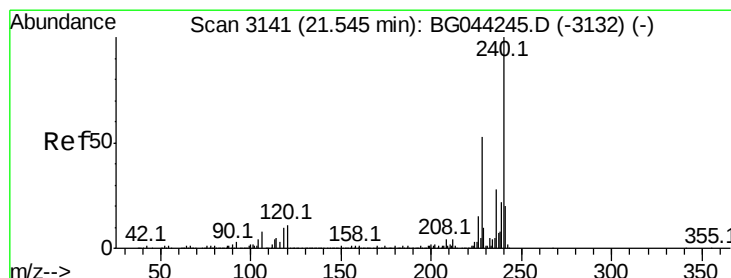
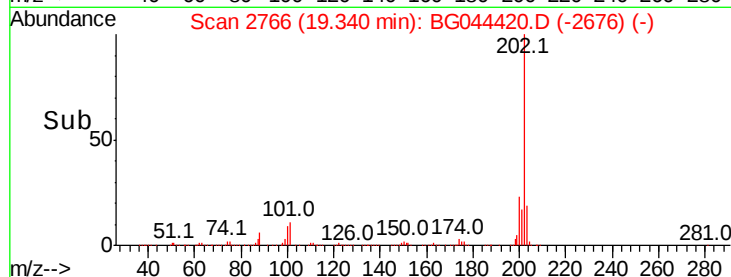
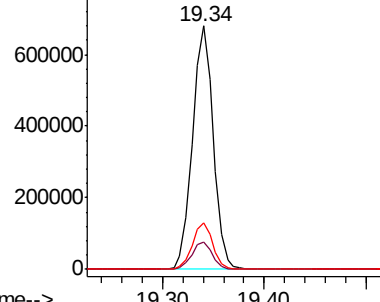
203 19.2 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

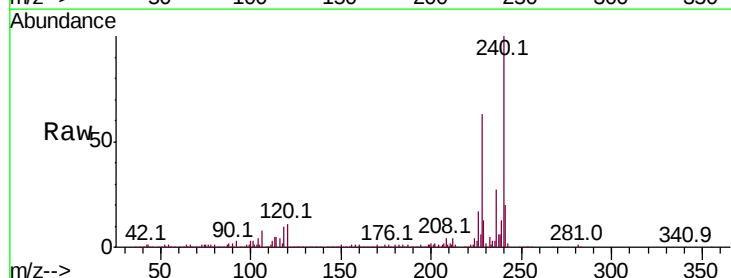
Tgt Ion:240 Resp: 380368

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

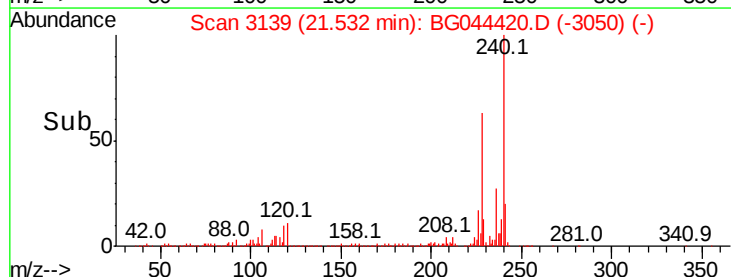
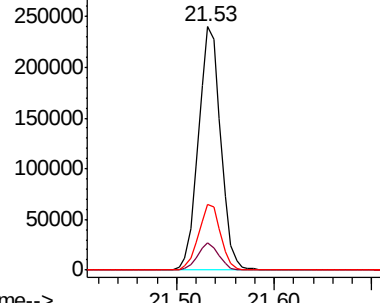
236 27.0 22.1 33.1

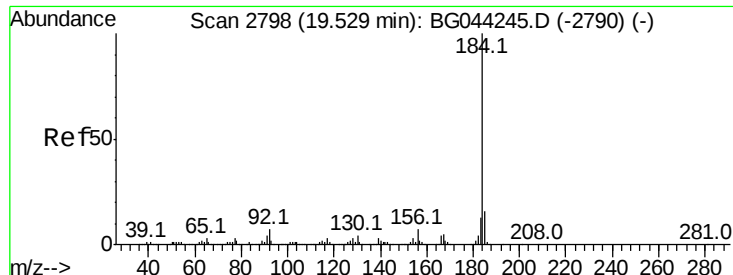


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.126 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

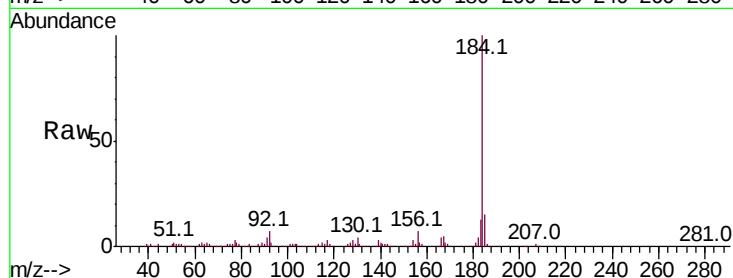
Tot Ion:184 Resp: 338948

Ion Ratio Lower Upper

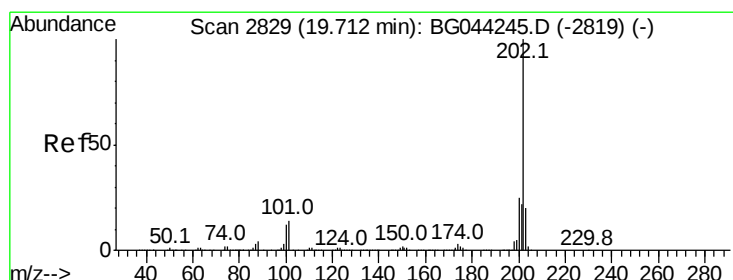
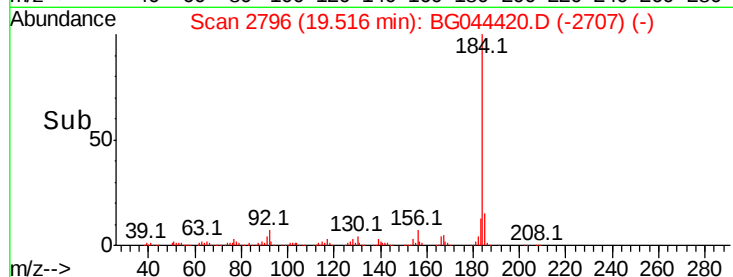
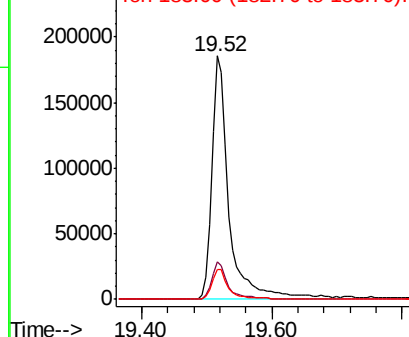
184 100

185 15.2 12.9 19.3

183 12.5 10.8 16.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.975 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

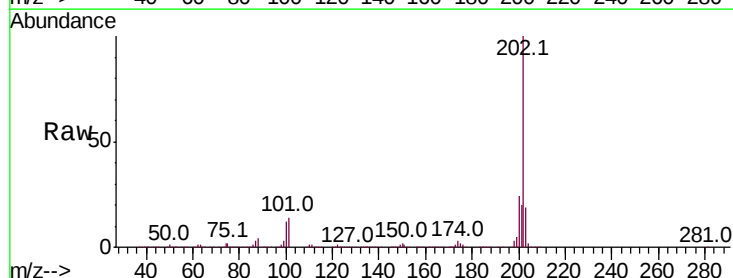
Tgt Ion:202 Resp: 976478

Ion Ratio Lower Upper

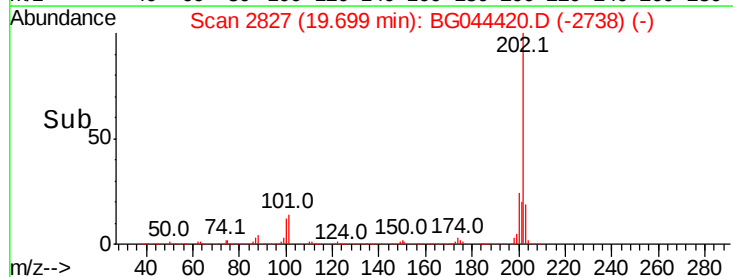
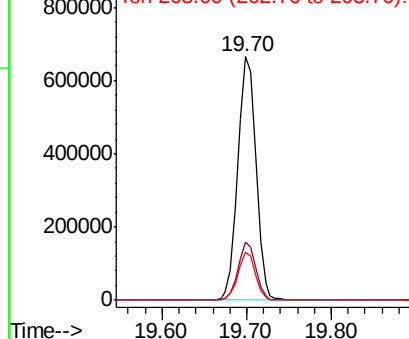
202 100

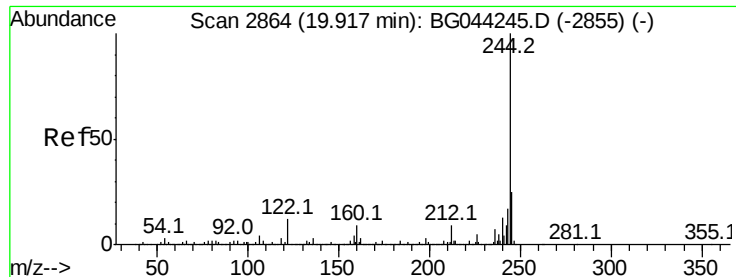
200 23.9 20.0 30.0

203 19.4 16.2 24.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.623 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

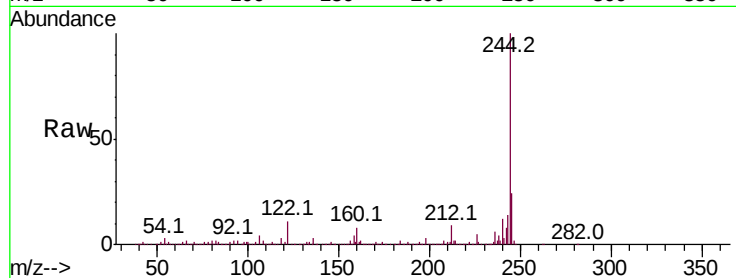
Tot Ion:244 Resp: 1416962

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.2

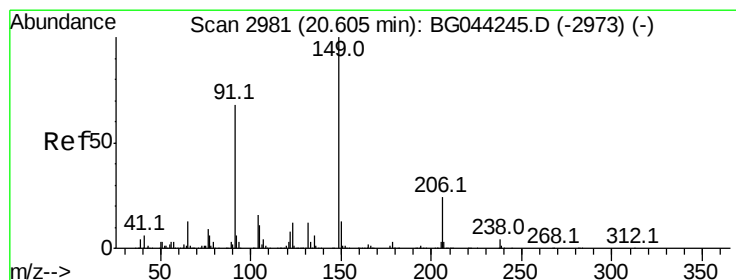
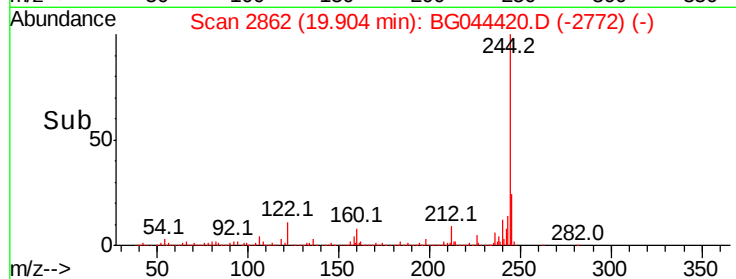
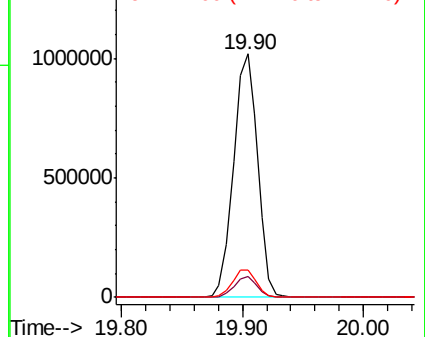
122 11.4 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.387 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

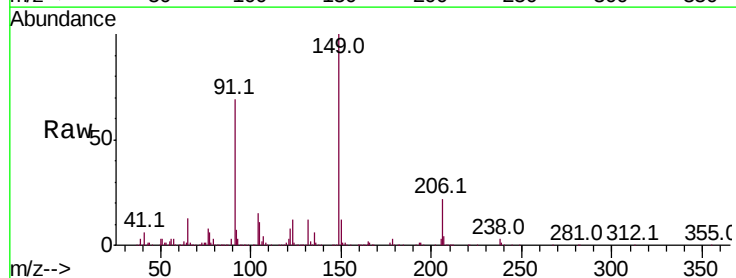
Tgt Ion:149 Resp: 460713

Ion Ratio Lower Upper

149 100

91 68.6 54.5 81.7

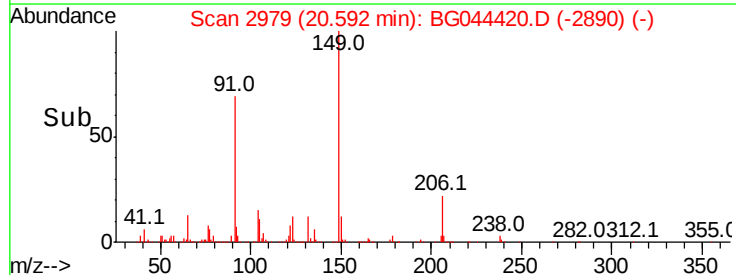
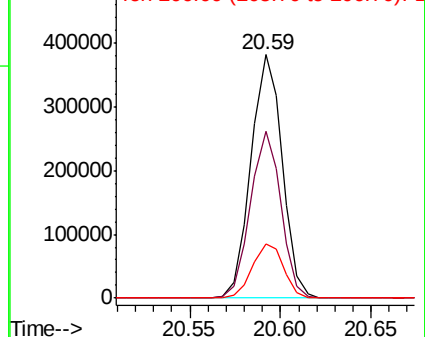
206 22.5 19.1 28.7

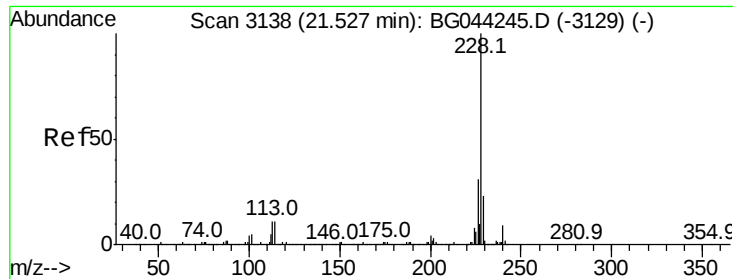


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.403 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

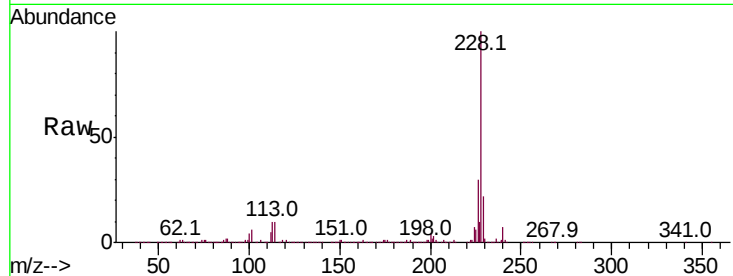
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 947138

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.7	37.1
229	21.7	18.2	27.4

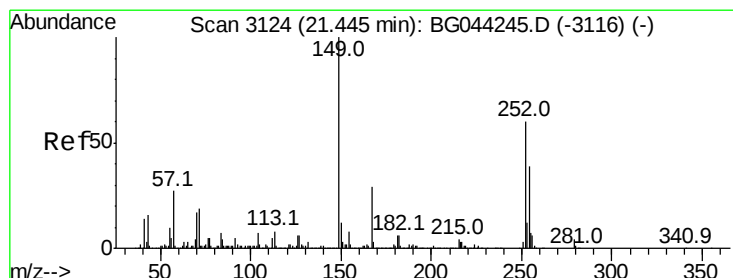
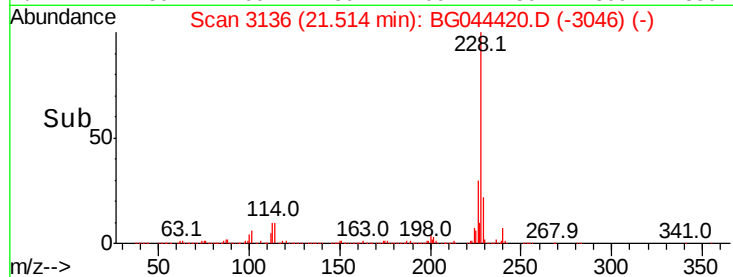
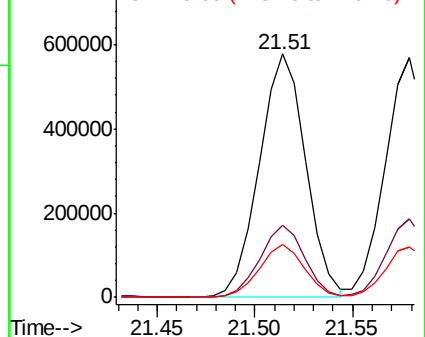


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.458 ng

RT: 21.43 min Scan# 3122

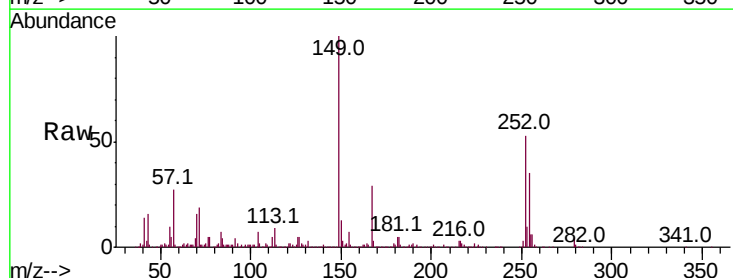
Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Tgt Ion:252 Resp: 358996

Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.6	78.8
126	10.3	8.2	12.4

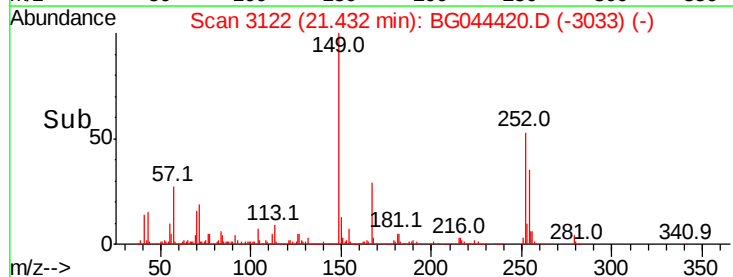
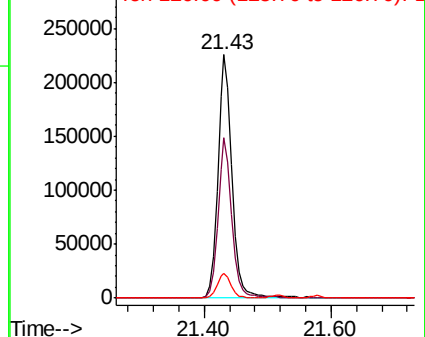


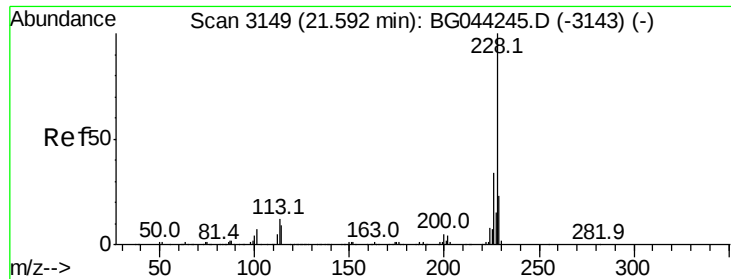
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.541 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

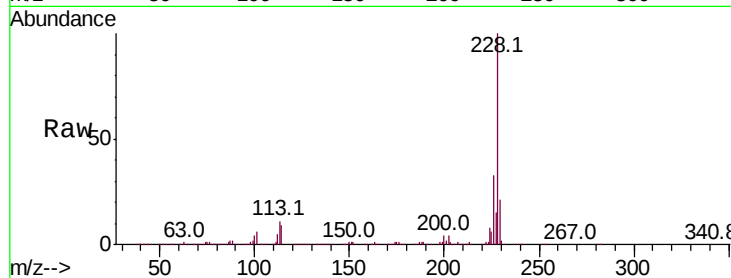
Tot Ion:228 Resp: 918634

Ion Ratio Lower Upper

228 100

226 32.6 27.1 40.7

229 21.1 17.9 26.9

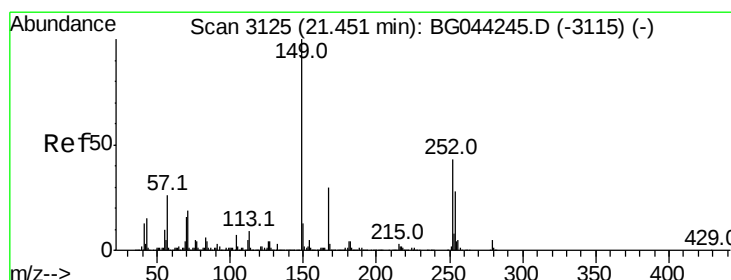
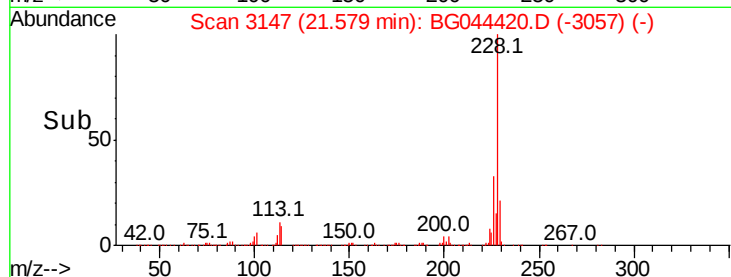
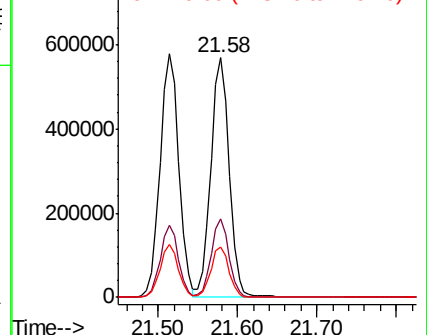


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.550 ng

RT: 21.44 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

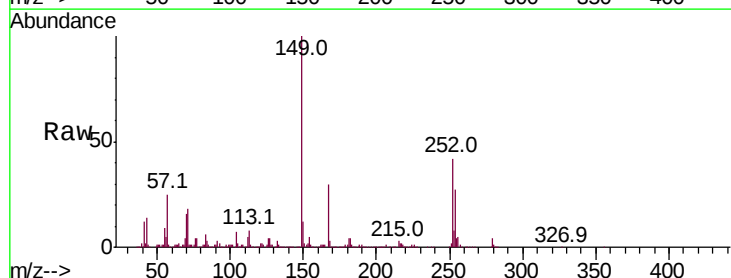
Tgt Ion:149 Resp: 636627

Ion Ratio Lower Upper

149 100

167 29.8 24.0 36.0

279 4.4 3.8 5.8

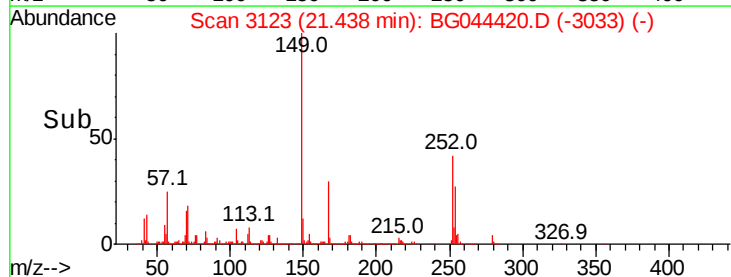
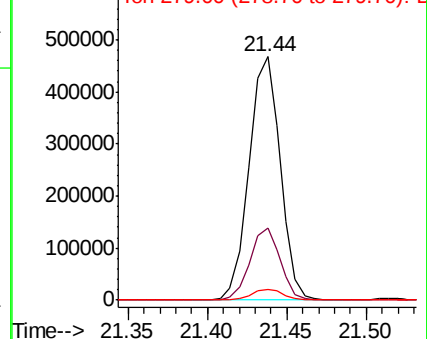


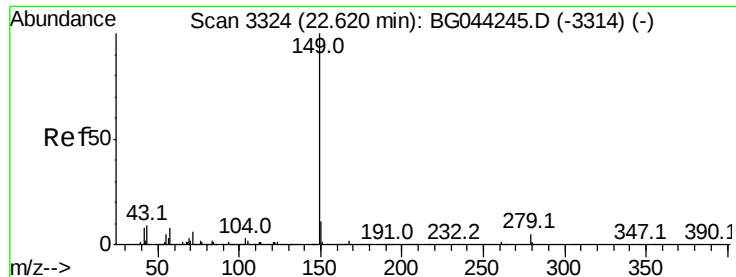
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.814 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

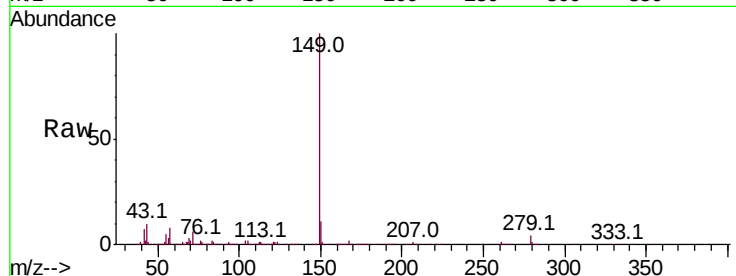
Tot Ion:149 Resp: 1108500

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

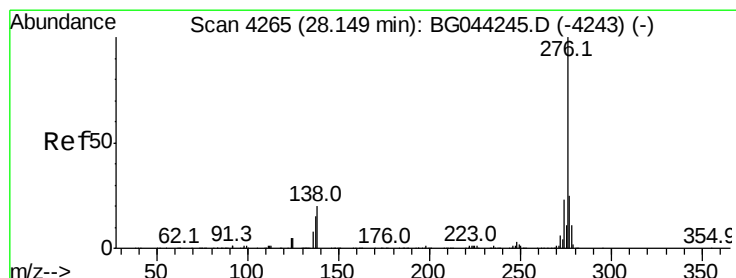
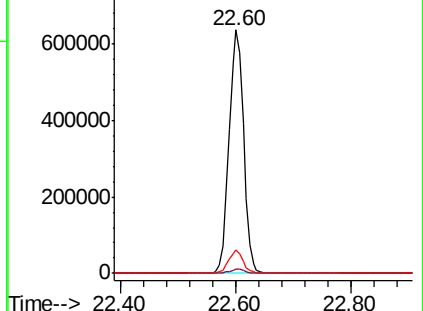
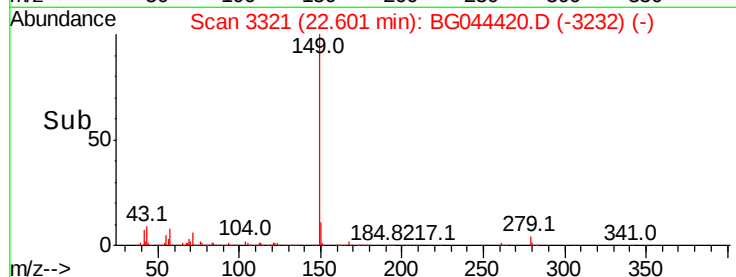
43 9.0 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.912 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

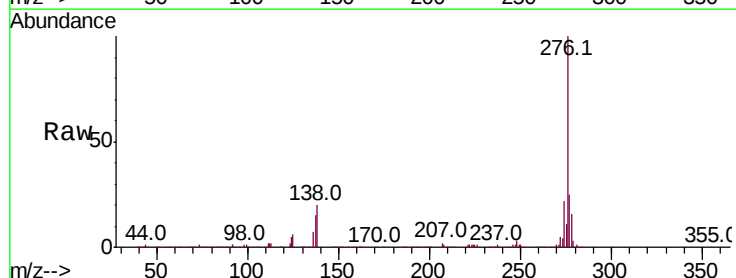
Tgt Ion:276 Resp: 1150326

Ion Ratio Lower Upper

276 100

138 24.6 19.4 29.0

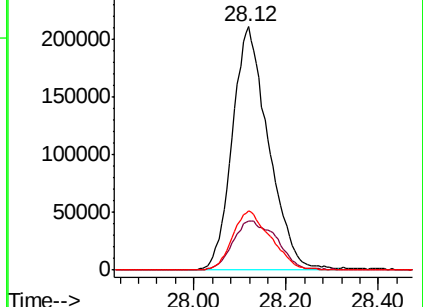
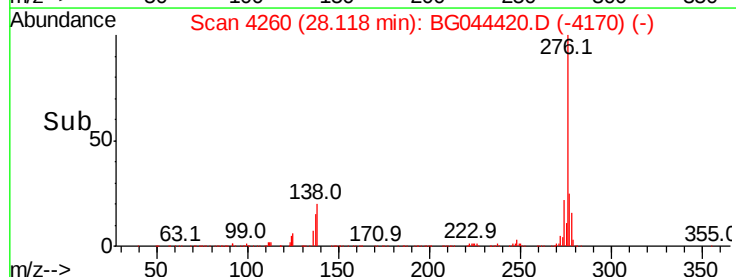
277 25.9 21.0 31.6

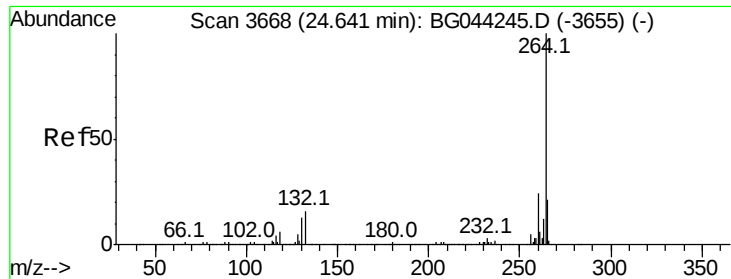


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.62 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

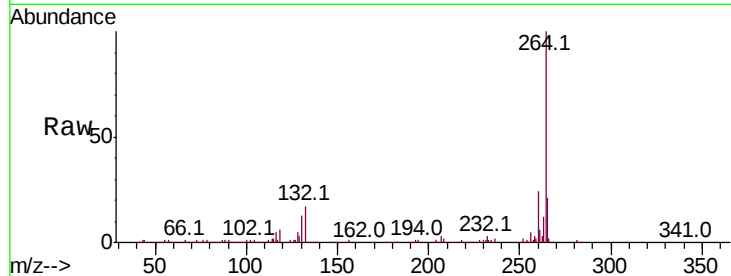
Tot Ion:264 Resp: 409910

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

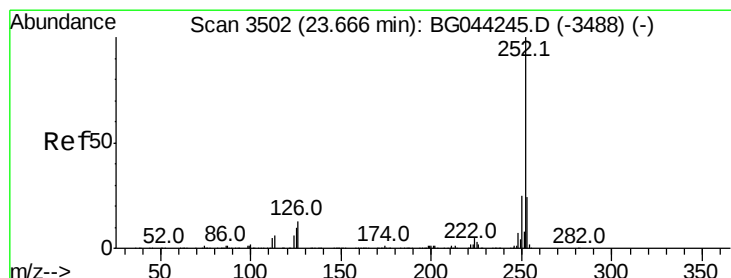
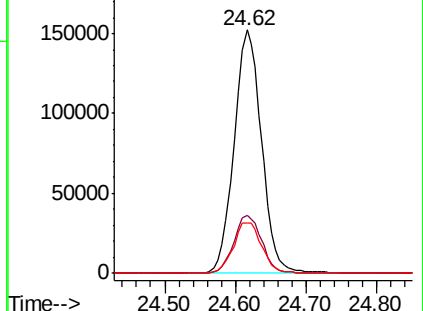
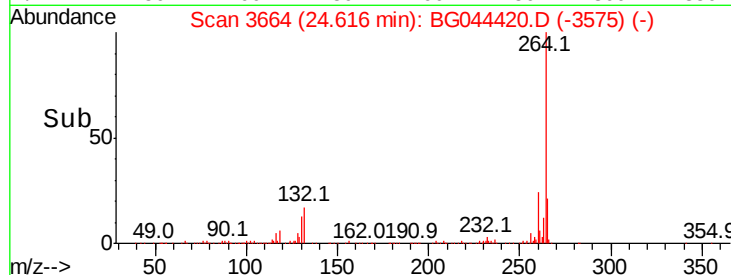
265 20.9 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.827 ng

RT: 23.65 min Scan# 3499

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

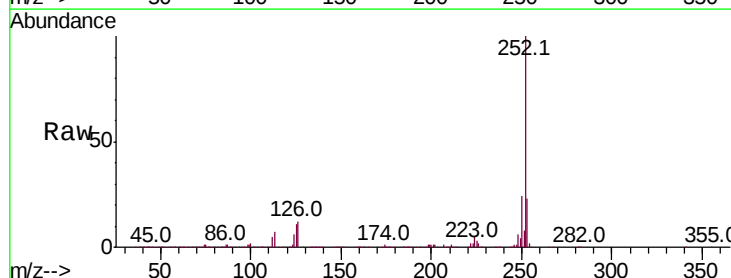
Tgt Ion:252 Resp: 987971

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

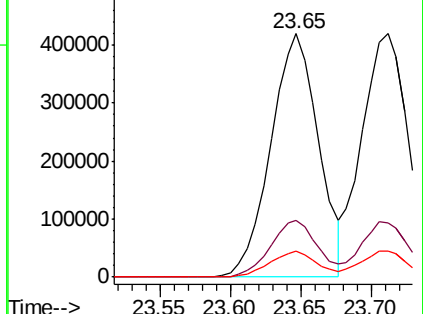
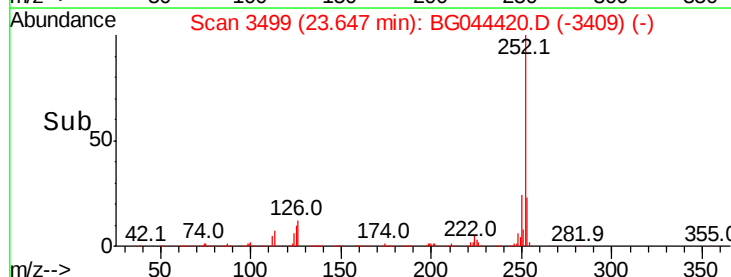
125 10.5 8.4 12.6

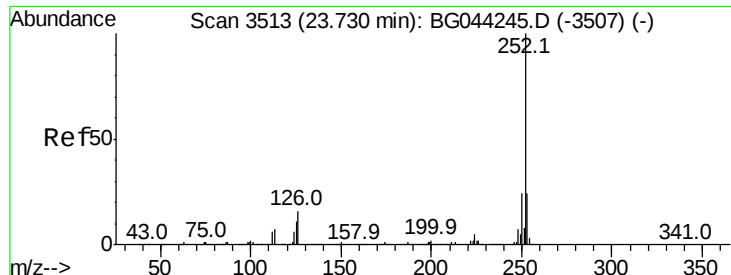


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.474 ng

RT: 23.71 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

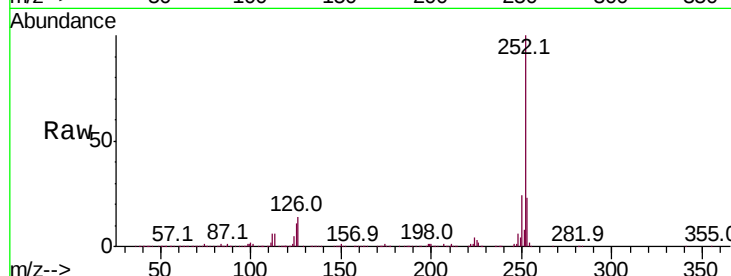
Tot Ion:252 Resp: 977816

Ion Ratio Lower Upper

252 100

253 22.5 19.1 28.7

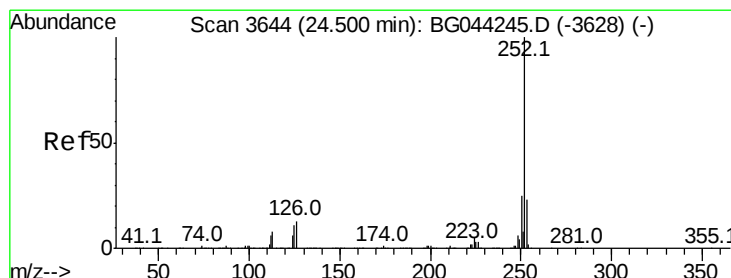
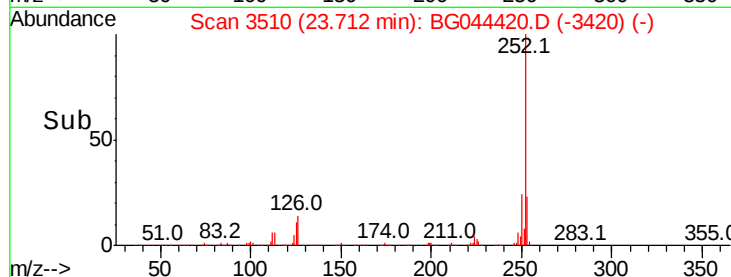
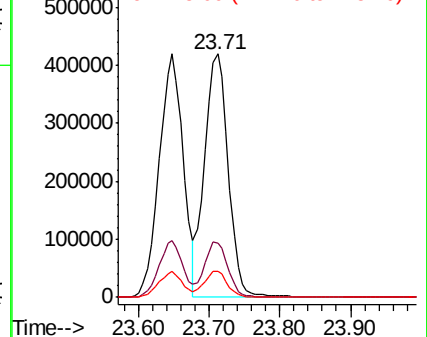
125 10.8 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.219 ng

RT: 24.48 min Scan# 3640

Delta R.T. 0.00 min

Lab File: BG044420.D

Acq: 13 Feb 2020 16:41

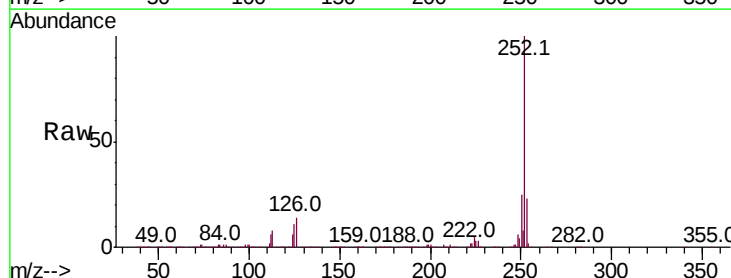
Tgt Ion:252 Resp: 942880

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

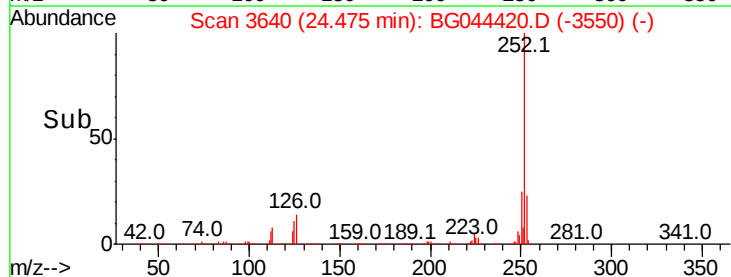
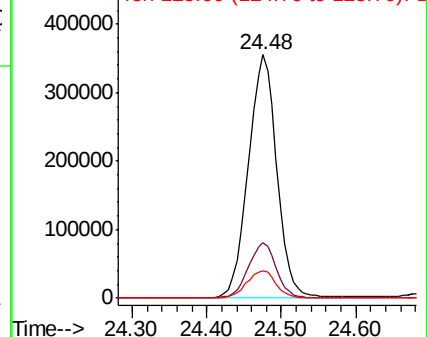
125 11.2 8.6 13.0

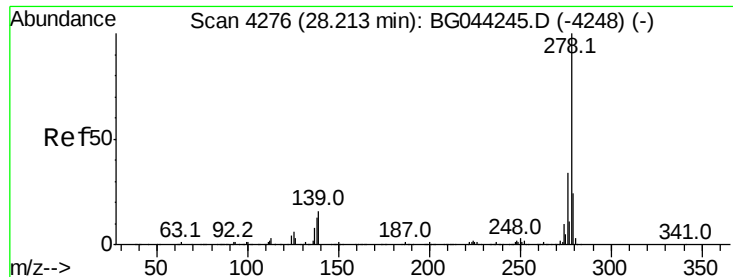


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

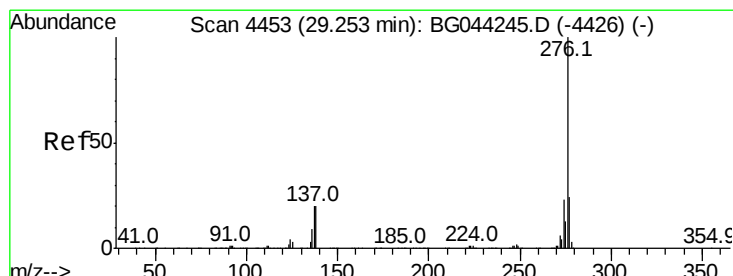
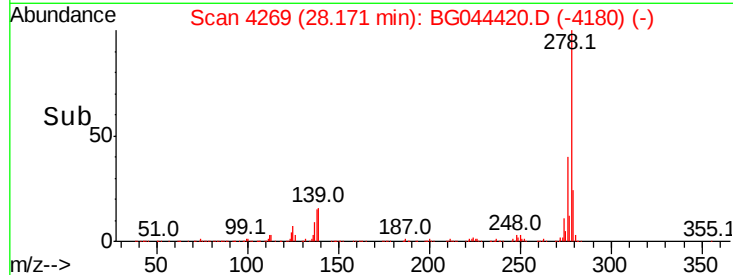
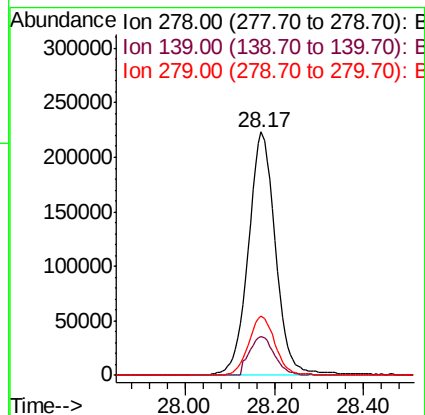
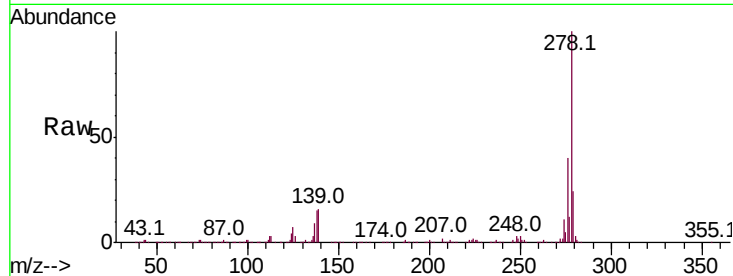




#91
Dibenzo(a,h)anthracene
Concen: 41.991 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	24.3	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 42.183 ng
RT: 29.21 min Scan# 4445
Delta R.T. 0.00 min
Lab File: BG044420.D
Acq: 13 Feb 2020 16:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.5	16.2	24.2

