

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044356.D
 Acq On : 10 Feb 2020 13:20
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 10 16:13:50 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	80132	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	364951	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	252062	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	555150	20.00	ng	0.00
76) Chrysene-d12	21.54	240	488097	20.00	ng	0.00
87) Perylene-d12	24.62	264	557151	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	370967	81.70	ng	0.00
7) Phenol-d6	7.08	99	528389	86.66	ng	0.00
23) Nitrobenzene-d5	9.06	82	511756	79.17	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	246897	83.44	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	1197337	79.54	ng	0.00
79) Terphenyl-d14	19.90	244	1870830	78.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	75612	37.065	ng	99
3) Pyridine	3.76	79	237191	43.641	ng	98
4) n-Nitrosodimethylamine	3.68	42	89563	39.435	ng	98
6) Aniline	7.23	93	326397	43.128	ng	99
8) 2-Chlorophenol	7.47	128	211981	42.480	ng	98
9) Benzaldehyde	7.04	77	133876	38.553	ng	97
10) Phenol	7.10	94	262154	43.445	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	220261	42.696	ng	97
12) 1,3-Dichlorobenzene	7.79	146	243795	40.919	ng	96
13) 1,4-Dichlorobenzene	7.94	146	245557	41.613	ng	100
14) 1,2-Dichlorobenzene	8.26	146	234056	41.963	ng	100
15) Benzyl Alcohol	8.14	79	189879	43.988	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	296805	42.508	ng	99
17) 2-Methylphenol	8.35	107	187967	43.660	ng	98
18) Hexachloroethane	8.99	117	90163	40.717	ng	100
19) n-Nitroso-di-n-propylamine	8.71	70	182645	44.948	ng	97
20) 3+4-Methylphenols	8.68	107	262318	44.211	ng	98
22) Acetophenone	8.72	105	352723	39.729	ng	# 99
24) Nitrobenzene	9.10	77	247418	39.206	ng	100
25) Isophorone	9.63	82	495488	41.124	ng	99
26) 2-Nitrophenol	9.81	139	133270	40.698	ng	100
27) 2,4-Dimethylphenol	9.88	122	186357	40.316	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	324707	40.399	ng	99
29) 2,4-Dichlorophenol	10.36	162	226043	40.442	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	251607	39.259	ng	99
31) Naphthalene	10.76	128	711633	40.191	ng	100
32) Benzoic acid	10.04	122	89296	34.841	ng	93
33) 4-Chloroaniline	10.86	127	333244	41.382	ng	99
34) Hexachlorobutadiene	11.05	225	150377	38.132	ng	100
35) Caprolactam	11.64	113	88577	43.262	ng	98
36) 4-Chloro-3-methylphenol	11.99	107	246022	41.983	ng	97
37) 2-Methylnaphthalene	12.36	142	542614	41.274	ng	98
38) 1-Methylnaphthalene	12.58	142	515563	41.597	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	291188	38.619	ng	100

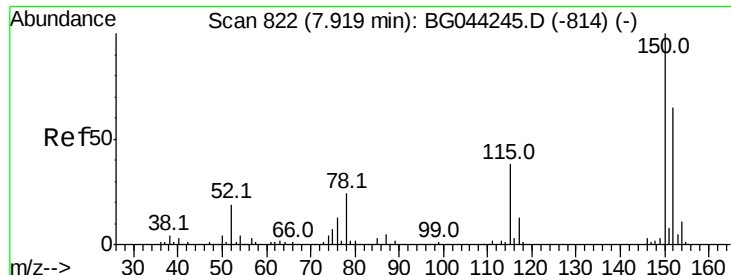
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044356.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	127125	35.138	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	195917	40.199	ng	98
44) 2,4,5-Trichlorophenol	13.05	196	201919	40.563	ng	96
46) 1,1'-Biphenyl	13.38	154	721070	39.660	ng	99
47) 2-Chloronaphthalene	13.42	162	566100	39.128	ng	99
48) 2-Nitroaniline	13.62	65	170715	39.982	ng	99
49) Acenaphthylene	14.26	152	850853	40.096	ng	99
50) Dimethylphthalate	14.00	163	736534	40.650	ng	99
51) 2,6-Dinitrotoluene	14.12	165	164473	40.712	ng	97
52) Acenaphthene	14.61	154	549984	39.986	ng	98
53) 3-Nitroaniline	14.44	138	182778	40.894	ng	98
54) 2,4-Dinitrophenol	14.65	184	89950	41.619	ng	98
55) Dibenzofuran	14.94	168	843223	40.491	ng	99
56) 4-Nitrophenol	14.76	139	141475	43.212	ng	98
57) 2,4-Dinitrotoluene	14.90	165	231891	40.954	ng	99
58) Fluorene	15.59	166	672191	40.981	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	188167	41.848	ng	99
60) Diethylphthalate	15.37	149	742580	41.131	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	357765	40.228	ng	97
62) 4-Nitroaniline	15.61	138	186749	41.814	ng	99
63) Azobenzene	15.88	77	639578	40.420	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	127696	41.671	ng	99
66) n-Nitrosodiphenylamine	15.80	169	623921	40.104	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	243616	40.278	ng	99
68) Hexachlorobenzene	16.60	284	271861	40.121	ng	99
69) Atrazine	16.75	200	211753	39.710	ng	99
70) Pentachlorophenol	16.95	266	137650	41.736	ng	98
71) Phenanthrene	17.33	178	1096570	40.792	ng	99
72) Anthracene	17.42	178	1093427	41.141	ng	99
73) Carbazole	17.69	167	1012929	41.342	ng	99
74) Di-n-butylphthalate	18.26	149	1256149	41.488	ng	100
75) Fluoranthene	19.34	202	1278350	41.107	ng	99
77) Benzidine	19.52	184	521742	38.537	ng	98
78) Pyrene	19.70	202	1281196	40.873	ng	99
80) Butylbenzylphthalate	20.60	149	575272	40.272	ng	98
81) Benzo(a)anthracene	21.51	228	1225214	40.729	ng	100
82) 3,3'-Dichlorobenzidine	21.44	252	482804	41.353	ng	99
83) Chrysene	21.58	228	1182380	40.664	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	788779	40.118	ng	100
85) Di-n-octyl phthalate	22.61	149	1377863	40.503	ng	99
86) Indeno(1,2,3-cd)pyrene	28.12	276	1511712	39.850	ng	# 91
88) Benzo(b)fluoranthene	23.65	252	1293799	40.299	ng	100
89) Benzo(k)fluoranthene	23.71	252	1297058	41.452	ng	100
90) Benzo(a)pyrene	24.47	252	1246951	41.079	ng	99
91) Dibenzo(a,h)anthracene	28.18	278	1218688	40.567	ng	99
92) Benzo(g,h,i)perylene	29.20	276	1220330	40.578	ng	97

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

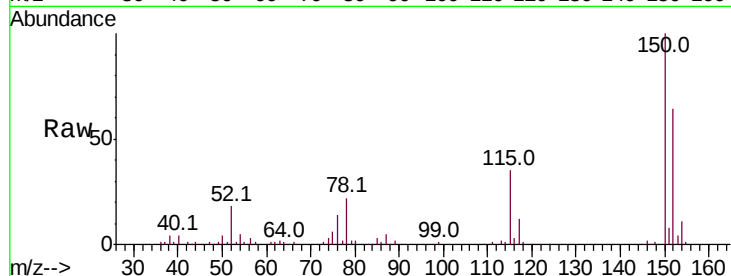


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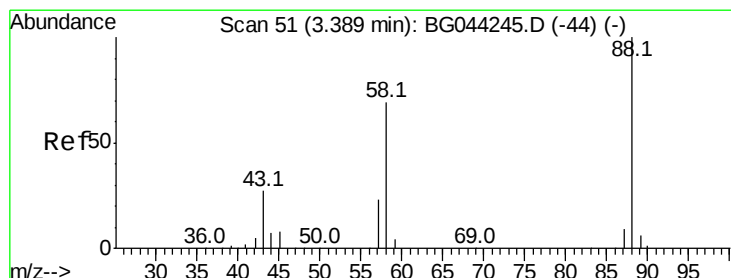
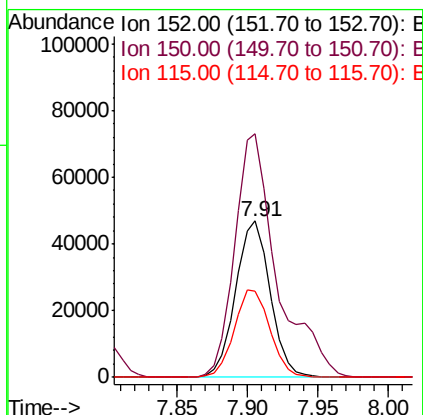
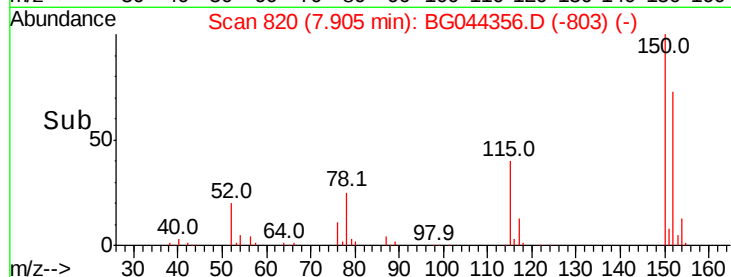
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:152 Resp: 80132
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.6 183.8
 115 55.3 46.0 69.0



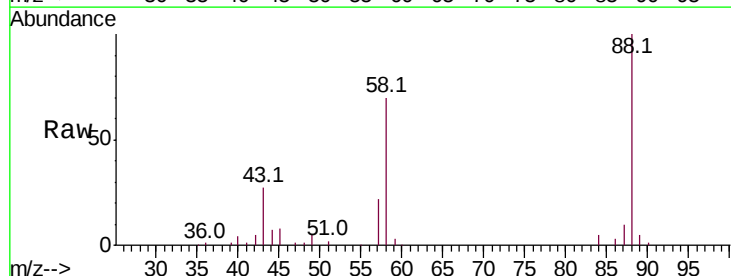
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



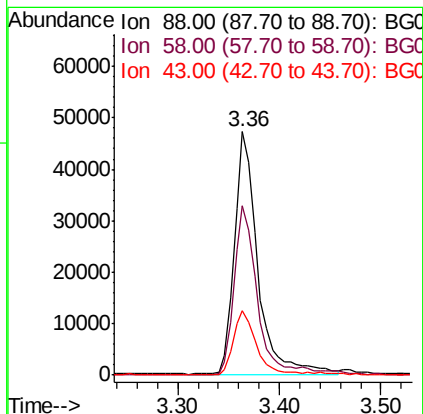
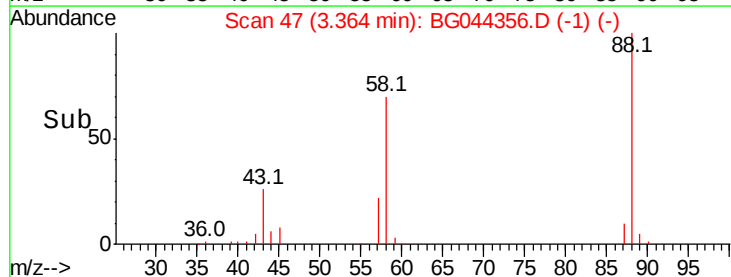
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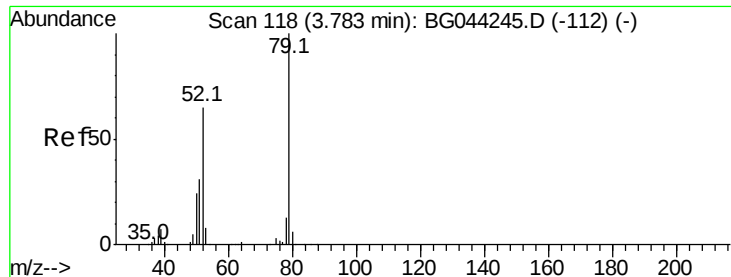
1,4-Dioxane
 Concen: 37.065 ng
 RT: 3.36 min Scan# 47
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Tgt Ion: 88 Resp: 75612
 Ion Ratio Lower Upper
 88 100
 58 68.9 55.8 83.6
 43 25.9 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: 43.641 ng

RT: 3.76 min Scan# 115

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

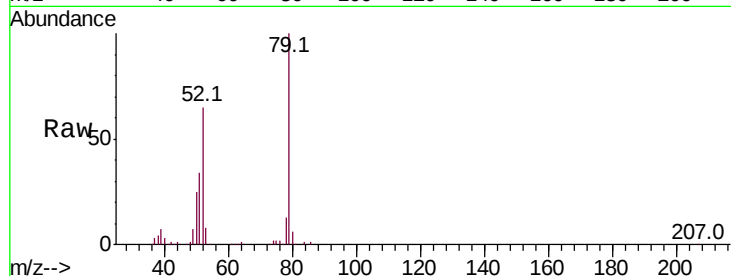
Tot Ion: 79 Resp: 237191

Ion Ratio Lower Upper

79 100

52 65.2 51.9 77.9

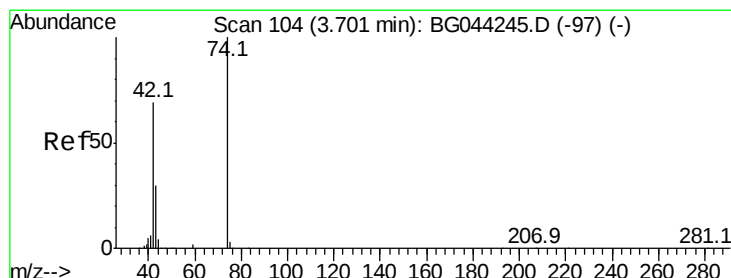
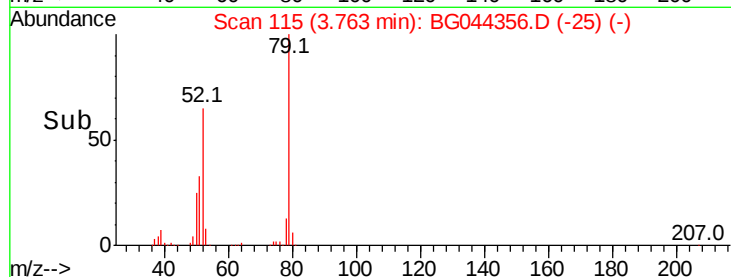
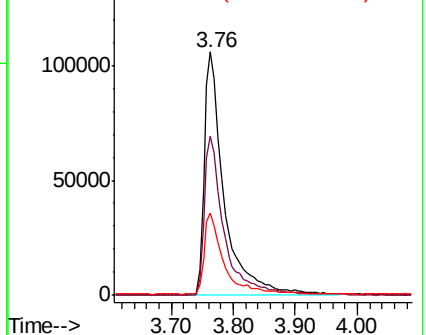
51 34.1 25.3 37.9



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: 39.435 ng

RT: 3.68 min Scan# 100

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

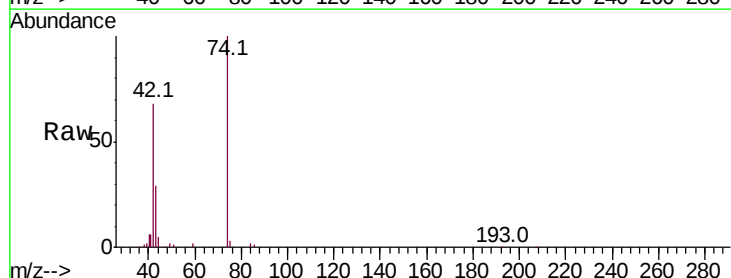
Tgt Ion: 42 Resp: 89563

Ion Ratio Lower Upper

42 100

74 146.6 115.1 172.7

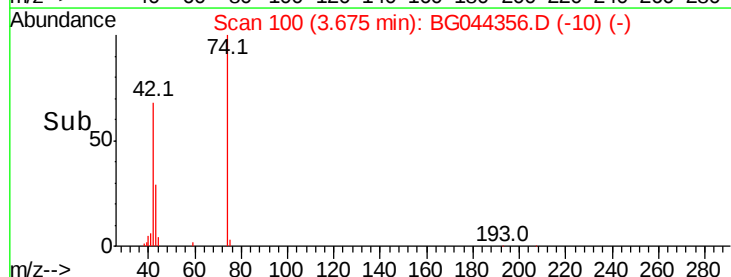
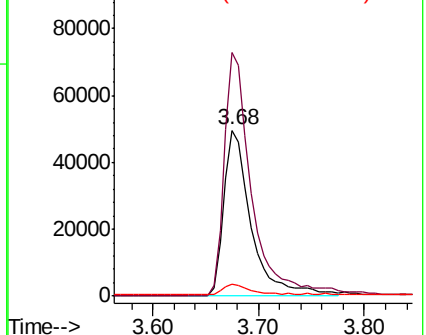
44 7.4 5.6 8.4

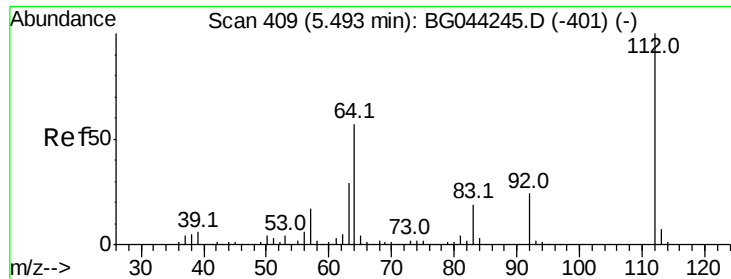


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 81.702 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

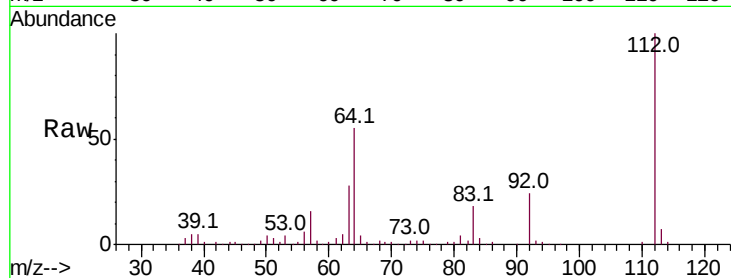
Tot Ion:112 Resp: 370967

Ion Ratio Lower Upper

112 100

64 55.4 45.4 68.2

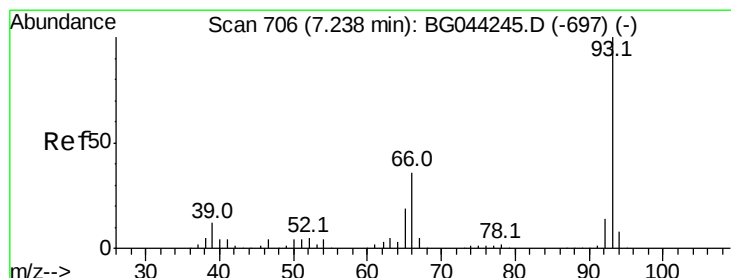
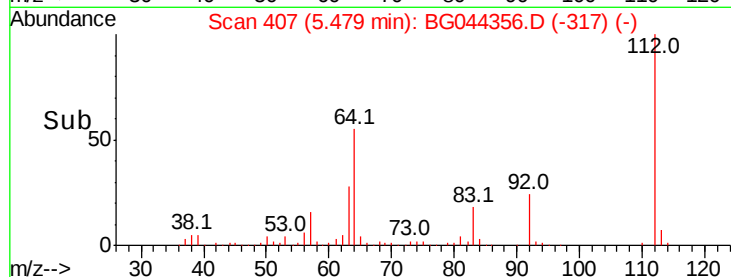
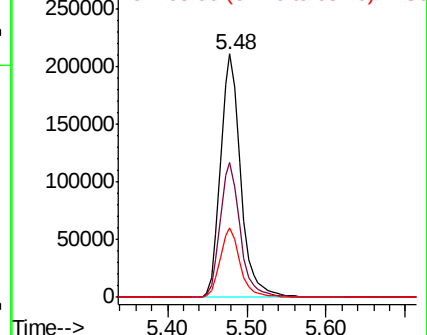
63 28.3 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.128 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

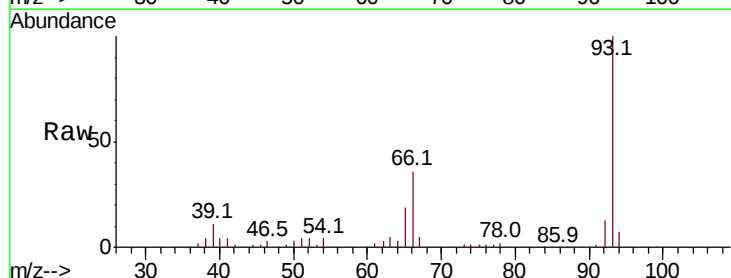
Tgt Ion: 93 Resp: 326397

Ion Ratio Lower Upper

93 100

66 35.7 28.7 43.1

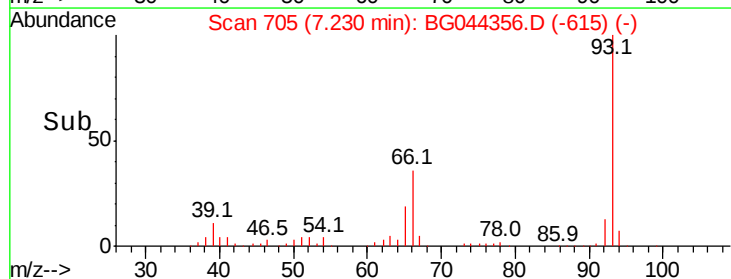
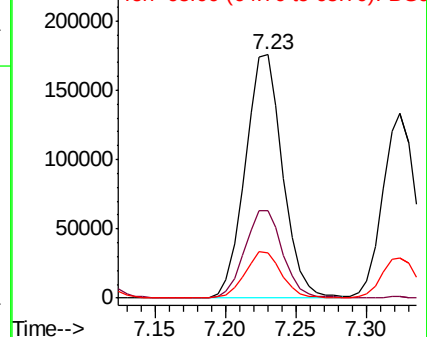
65 18.8 15.4 23.0

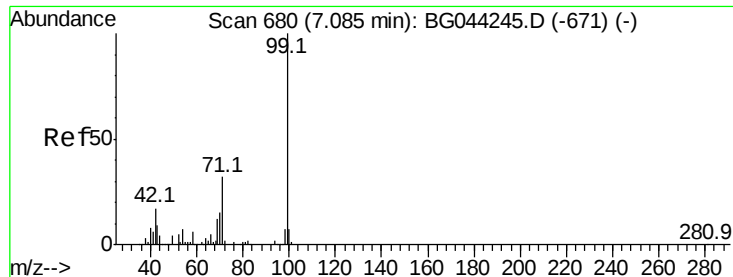


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.662 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

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ClientSampleId :

SSTDCCC040

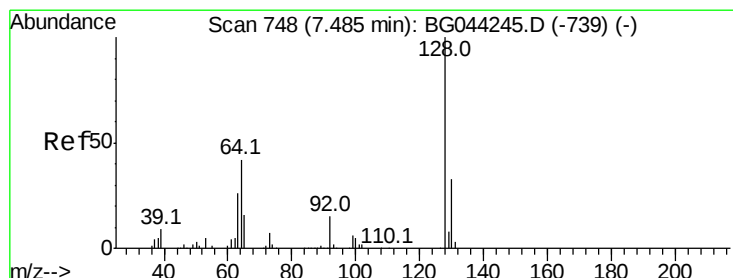
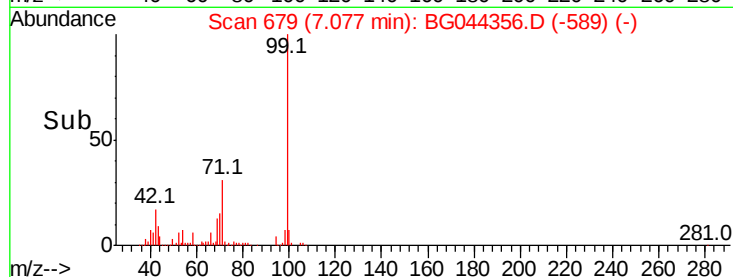
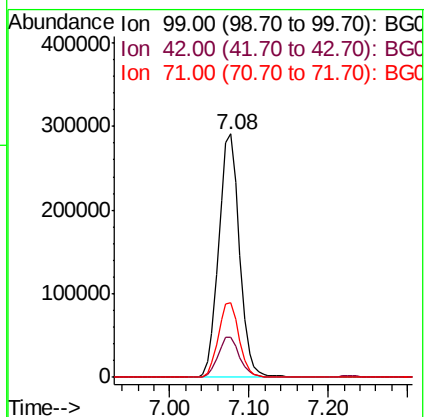
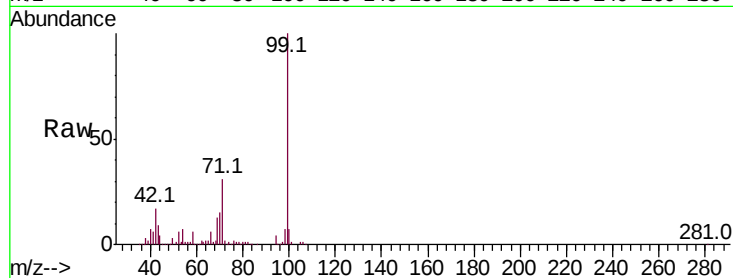
Tot Ion: 99 Resp: 528389

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.6

71 30.6 25.5 38.3



#8

2-Chlorophenol

Concen: 42.480 ng

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

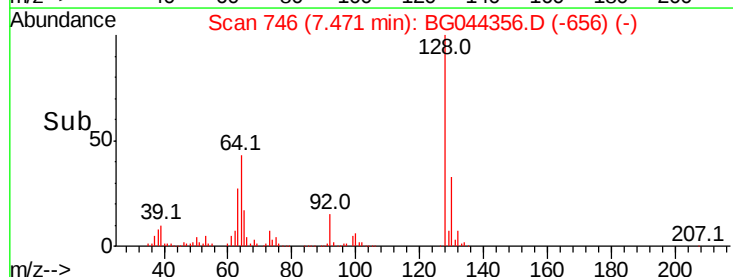
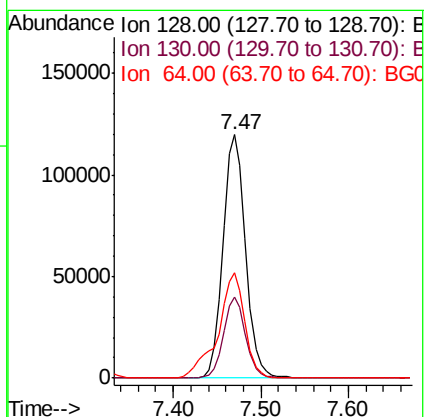
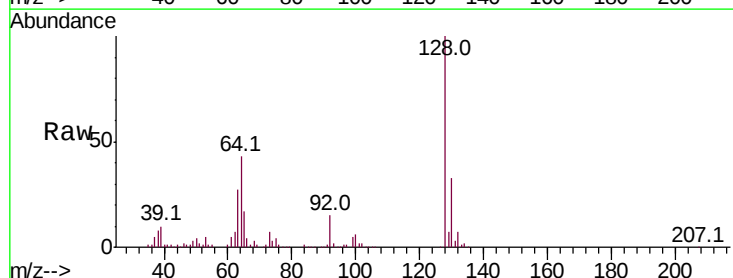
Tgt Ion: 128 Resp: 211981

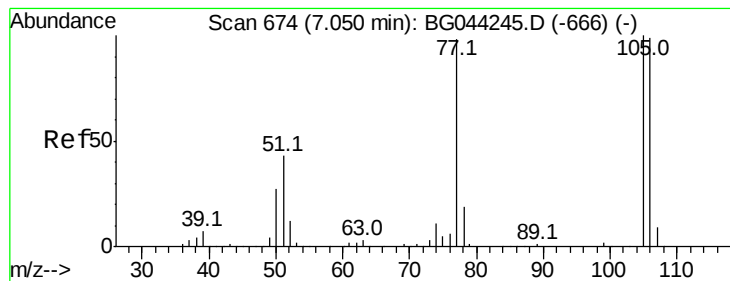
Ion Ratio Lower Upper

128 100

130 33.5 12.5 52.5

64 43.3 24.2 64.2





#9

Benzaldehyde

Concen: 38.553 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleID :

SSTDCCC040

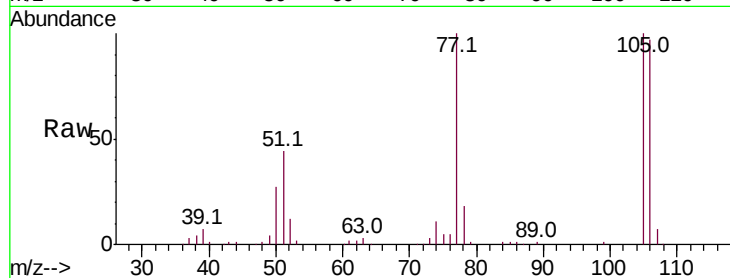
Tot Ion: 77 Resp: 133876

Ion Ratio Lower Upper

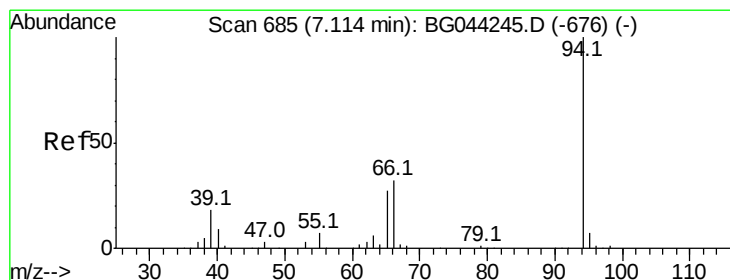
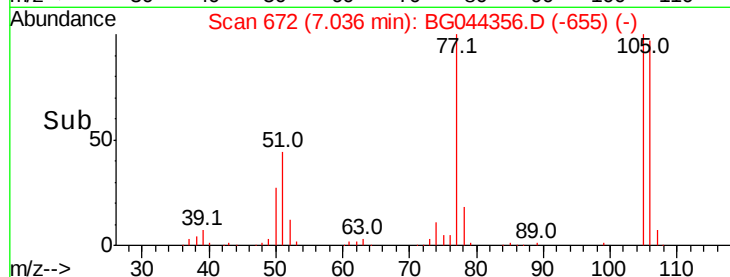
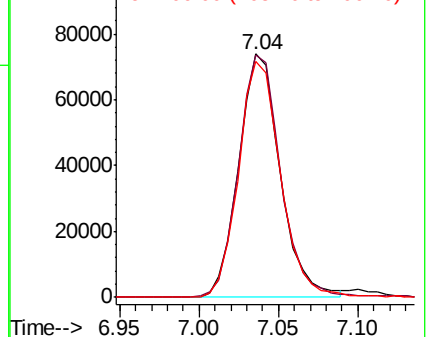
77 100

105 99.6 82.0 122.0

106 96.8 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: 43.445 ng

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

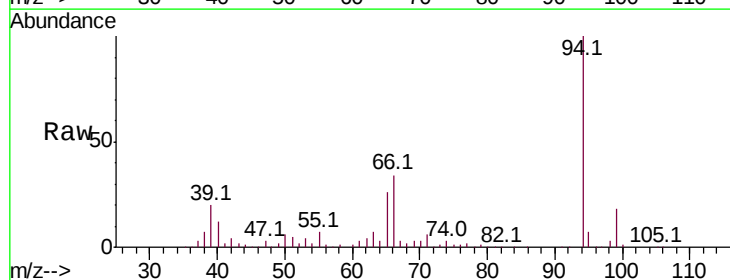
Tgt Ion: 94 Resp: 262154

Ion Ratio Lower Upper

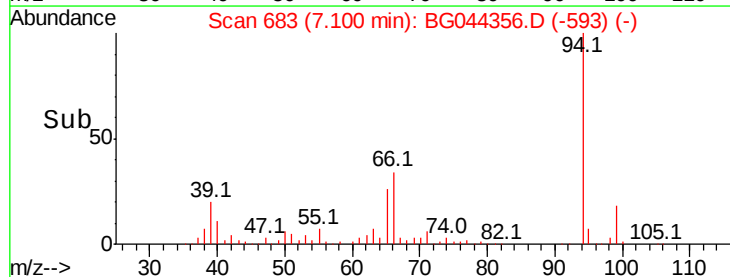
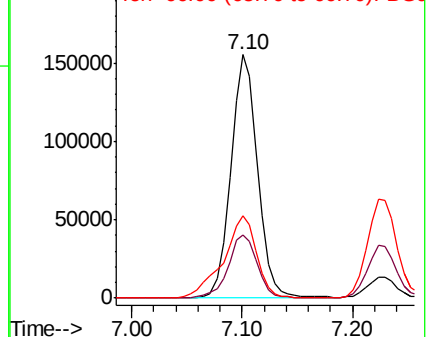
94 100

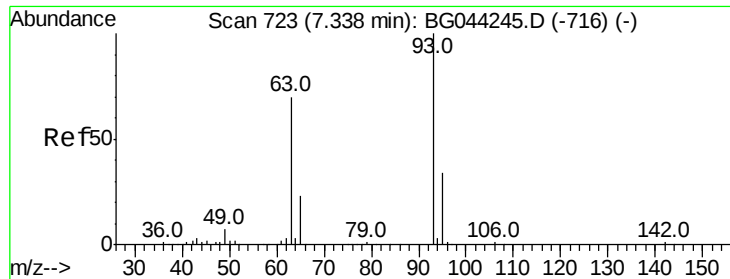
65 25.9 7.0 47.0

66 33.8 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

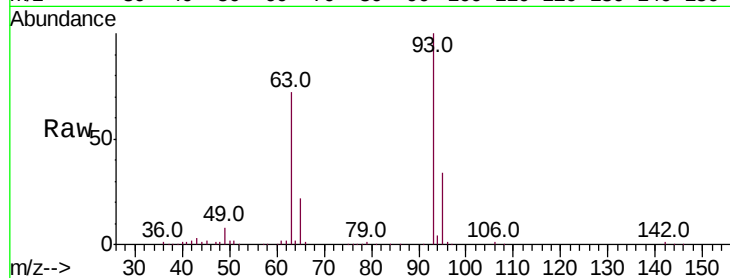




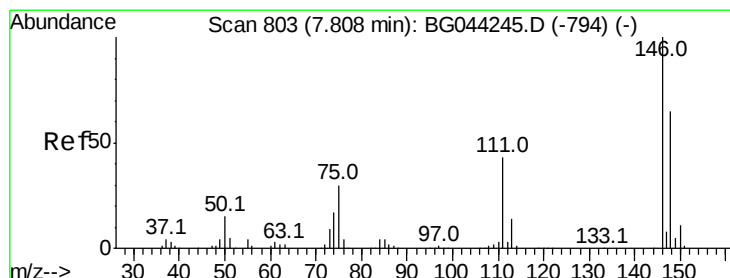
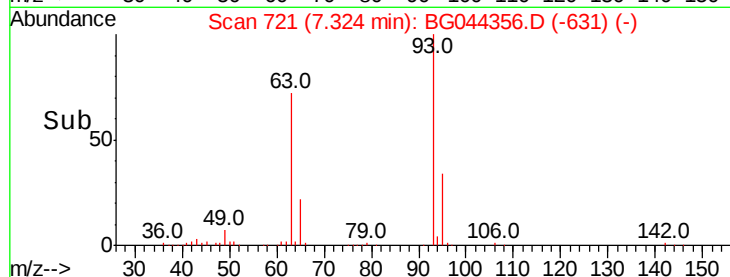
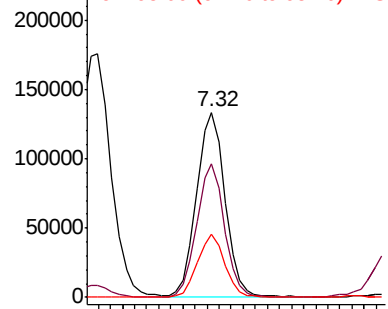
#11
bis(2-Chloroethyl)ether
Concen: 42.696 ng
RT: 7.32 min Scan# 721
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 93 Resp: 220261
Ion Ratio Lower Upper
93 100
63 72.2 49.2 89.2
95 34.0 13.6 53.6

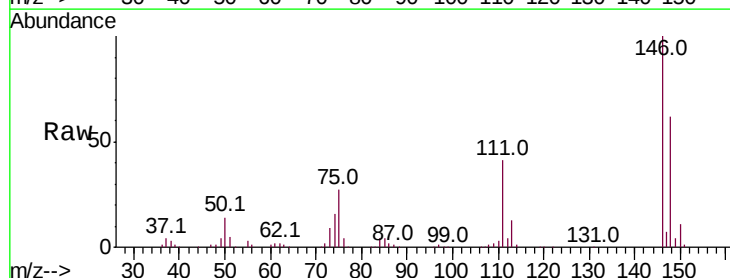


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

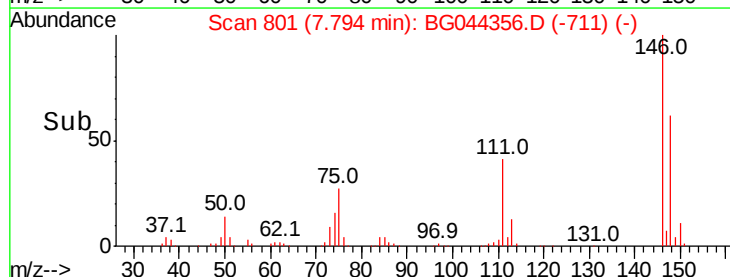
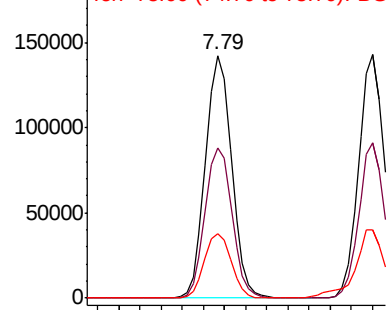


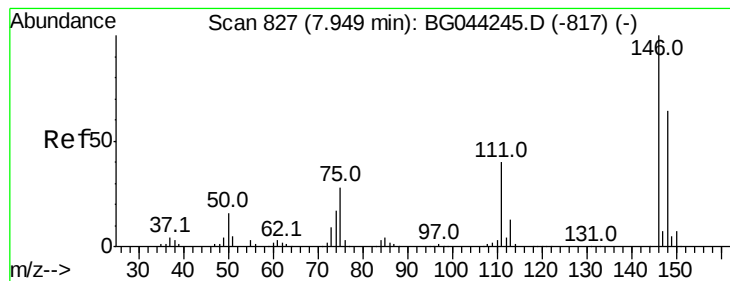
#12
1,3-Dichlorobenzene
Concen: 40.919 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion: 146 Resp: 243795
Ion Ratio Lower Upper
146 100
148 62.2 51.8 77.8
75 26.6 23.7 35.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 41.613 ng

RT: 7.94 min Scan# 826

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

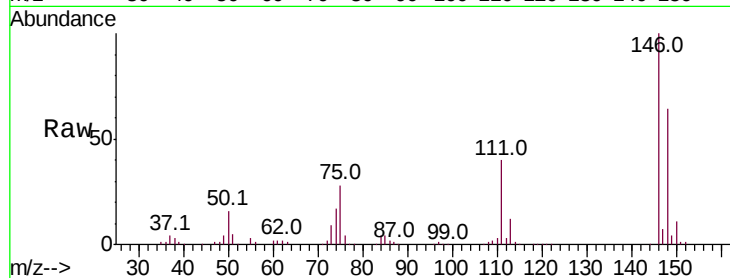
Tot Ion:146 Resp: 245557

Ion Ratio Lower Upper

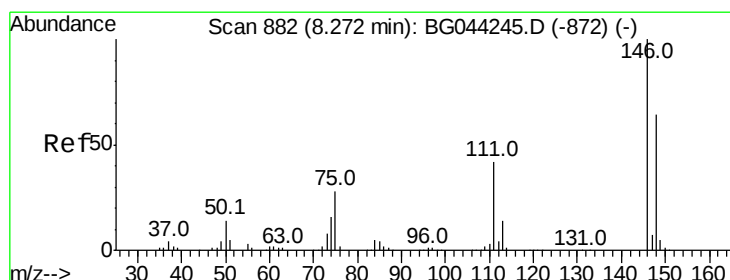
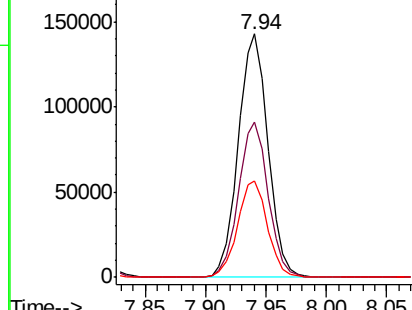
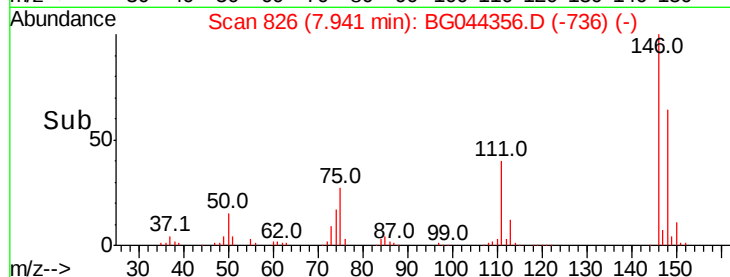
146 100

148 63.7 51.4 77.0

111 39.8 31.8 47.8



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



#14

1,2-Dichlorobenzene

Concen: 41.963 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

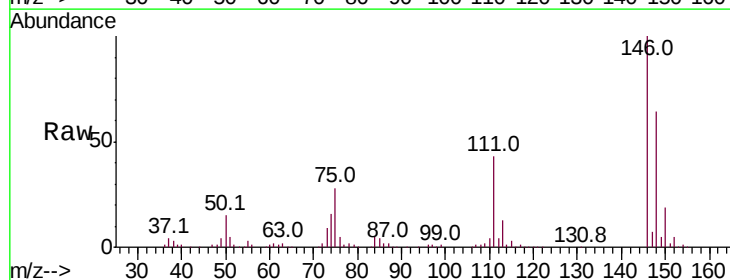
Tgt Ion:146 Resp: 234056

Ion Ratio Lower Upper

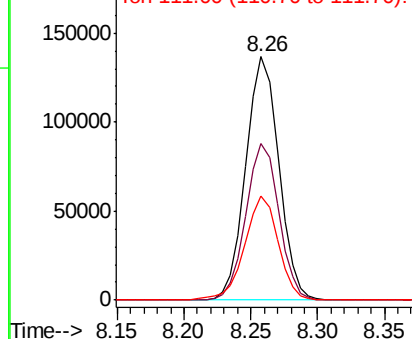
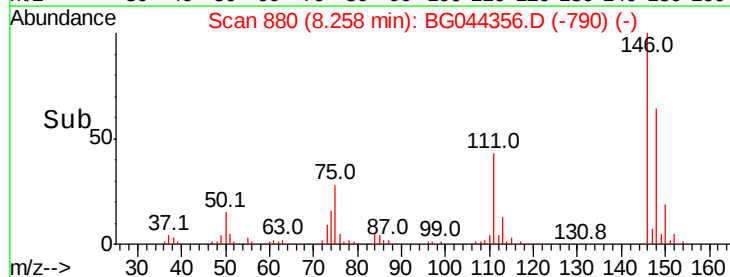
146 100

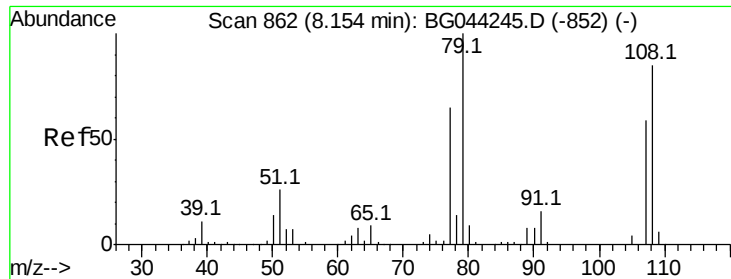
148 64.1 51.2 76.8

111 42.9 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: 43.988 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

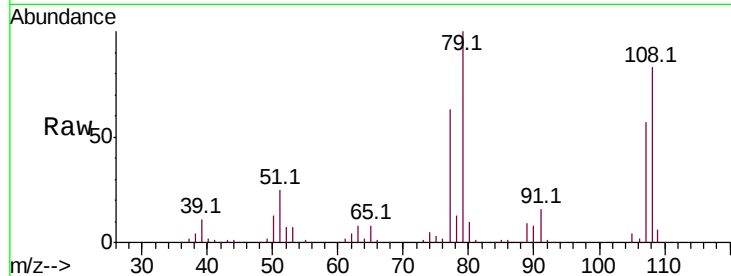
Tot Ion: 79 Resp: 189879

Ion Ratio Lower Upper

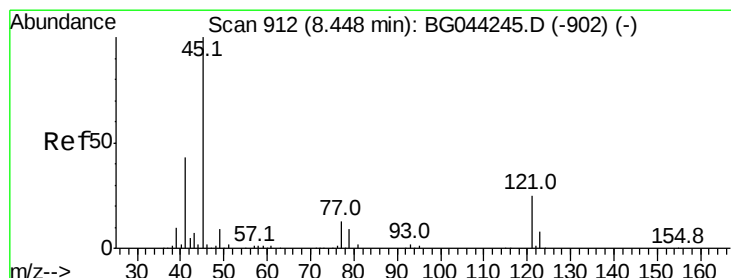
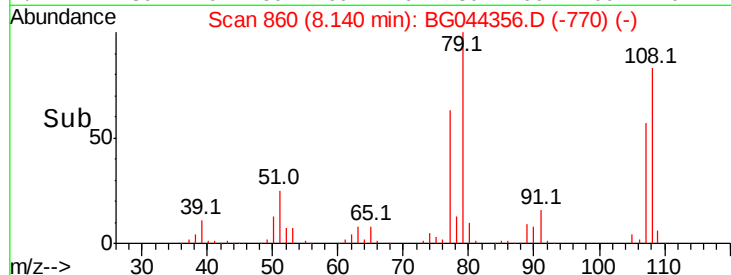
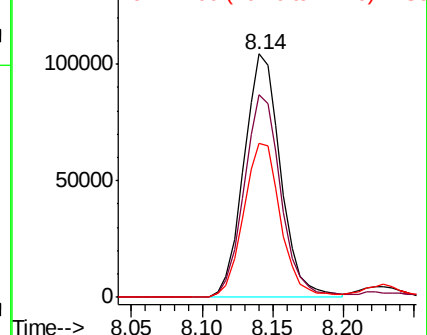
79 100

108 83.3 68.3 102.5

77 63.2 51.8 77.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.508 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

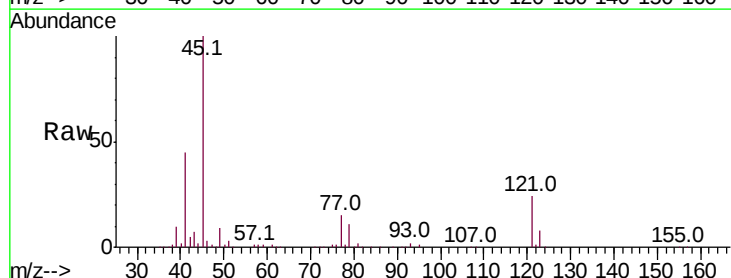
Tgt Ion: 45 Resp: 296805

Ion Ratio Lower Upper

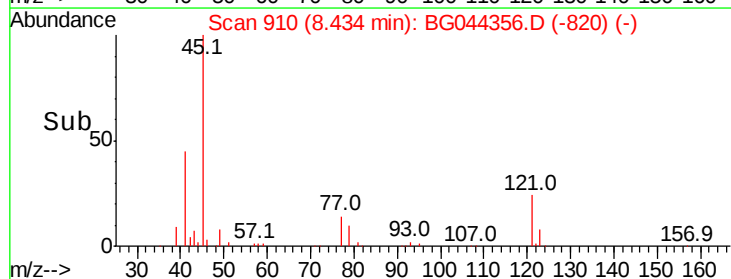
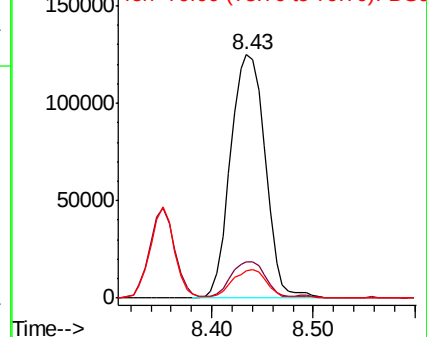
45 100

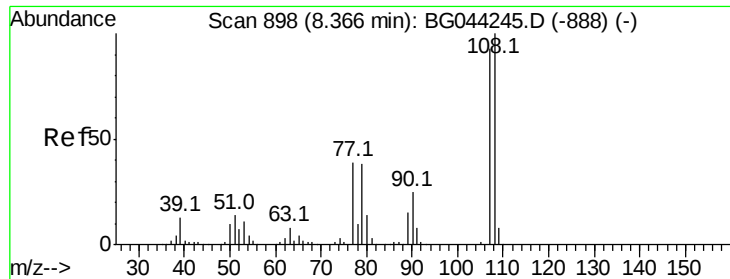
77 14.9 0.0 35.2

79 11.2 0.0 31.1



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

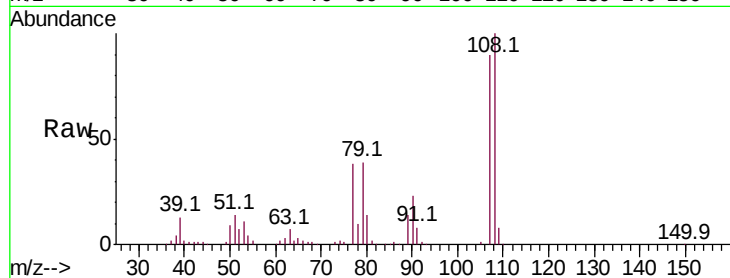




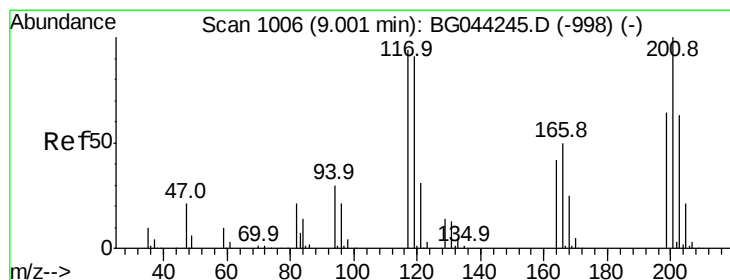
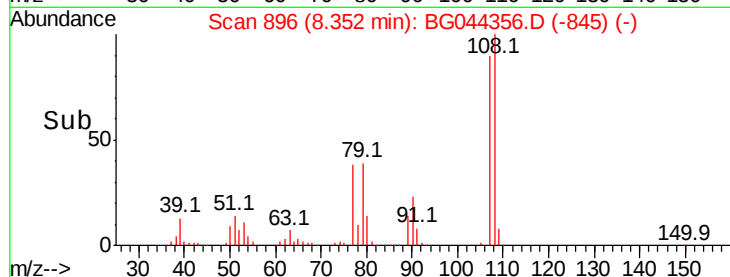
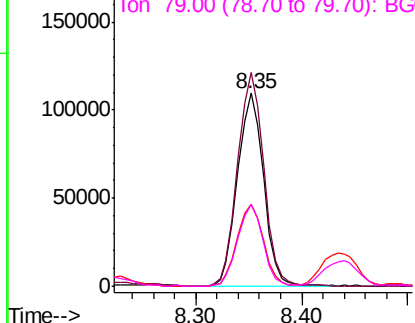
#17
2-Methylphenol
Concen: 43.660 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	187967
Ion	Ratio	Lower	Upper
107	100		
108	110.8	86.4	129.6
77	42.3	34.0	51.0
79	42.7	32.9	49.3

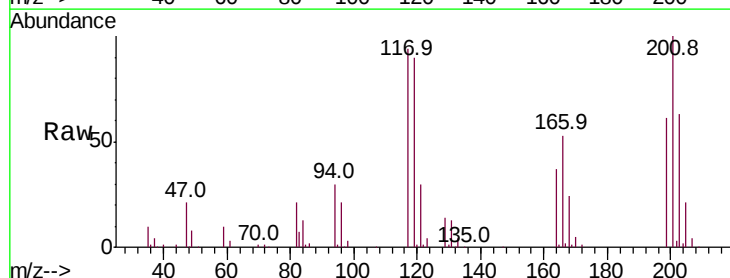


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

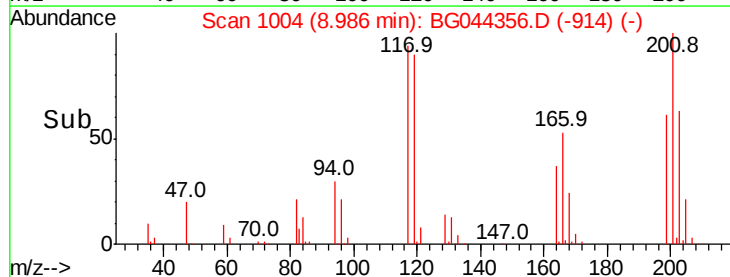
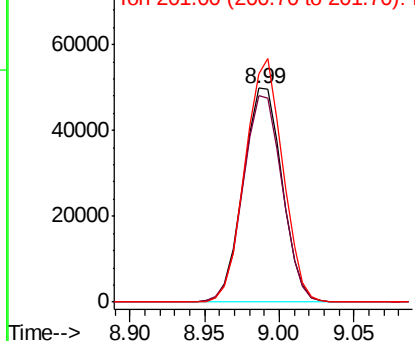


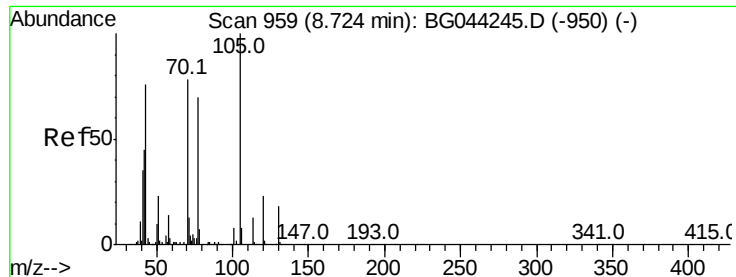
#18
Hexachloroethane
Concen: 40.717 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:	117	Resp:	90163
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.5	116.3
201	106.7	84.9	127.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

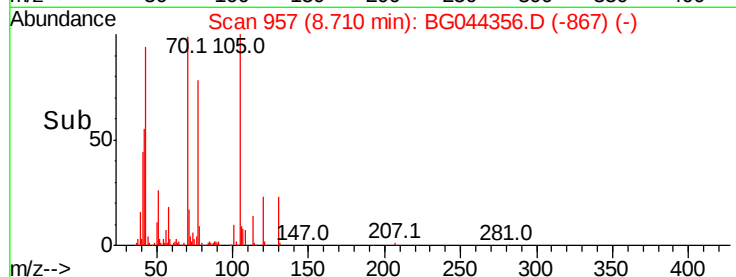
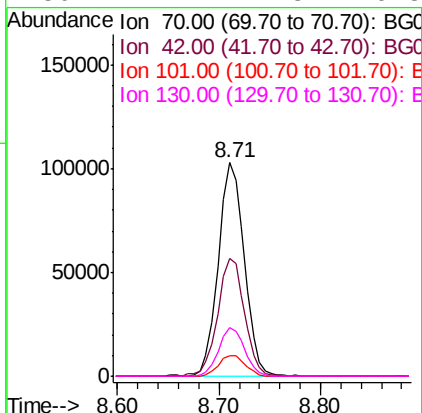
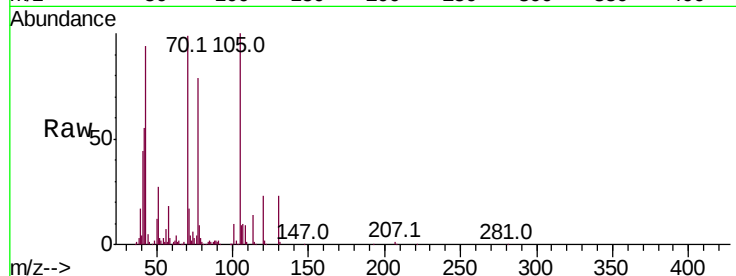




#19
n-Nitroso-di-n-propylamine
Concen: 44.948 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

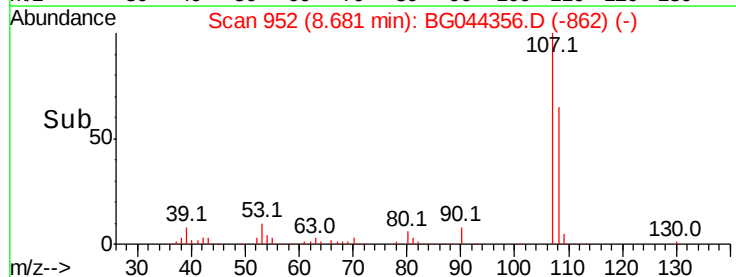
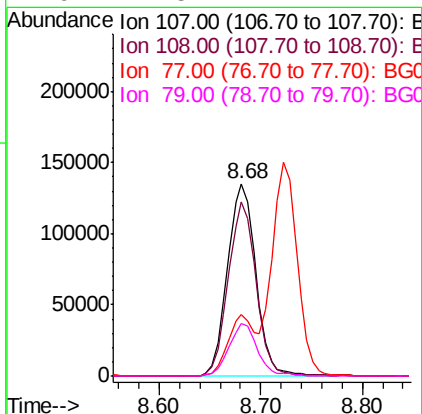
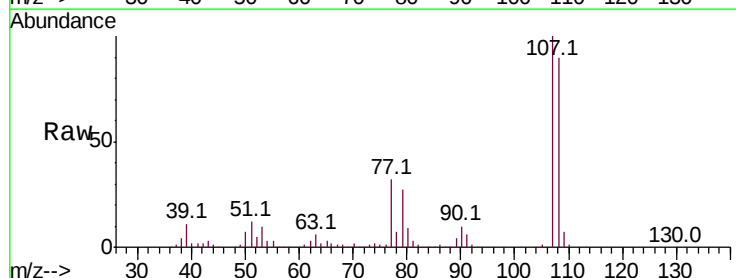
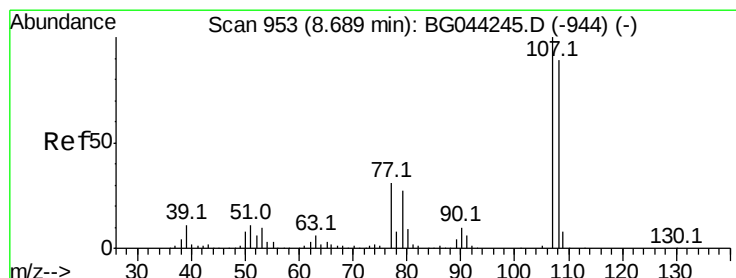
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

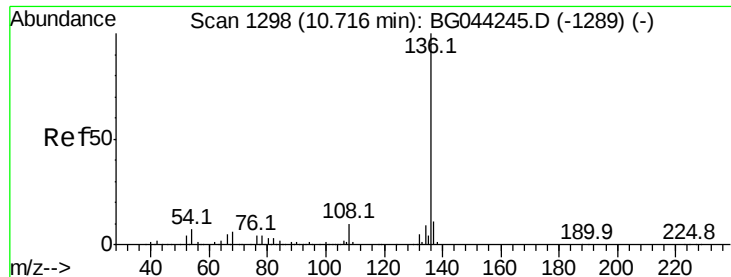
Tot Ion:	70	Resp:	182645
Ion	Ratio	Lower	Upper
70	100		
42	55.3	46.2	69.2
101	9.7	8.4	12.6
130	22.7	17.8	26.8



#20
3+4-Methylphenols
Concen: 44.211 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:	107	Resp:	262318
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.5	108.5
77	31.7	10.9	50.9
79	27.5	7.1	47.1

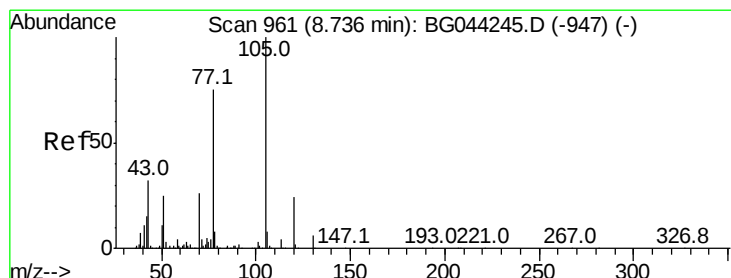
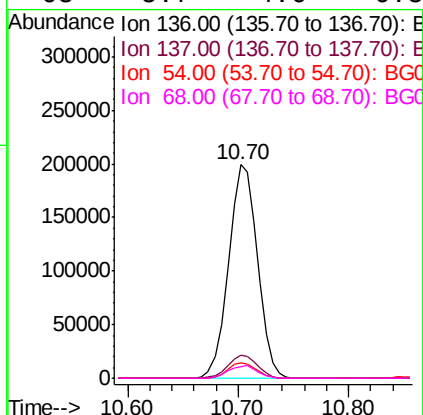
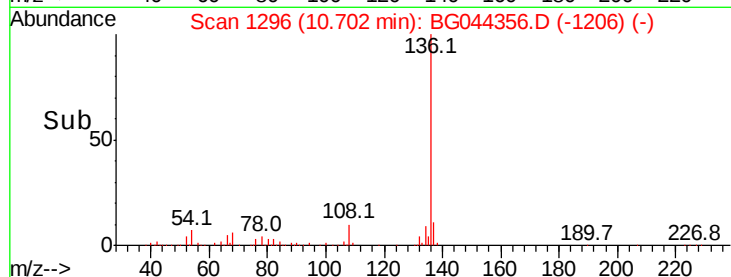
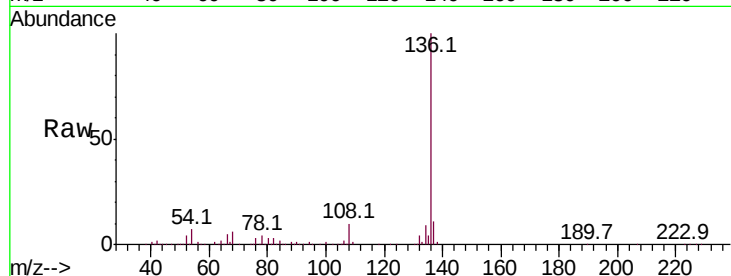




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

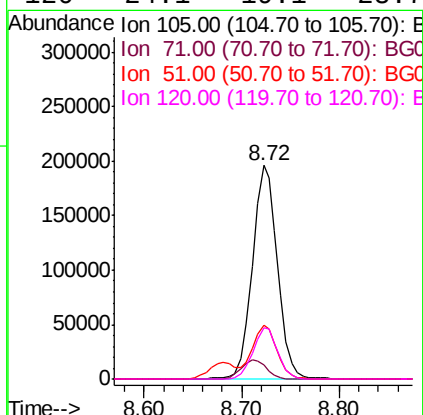
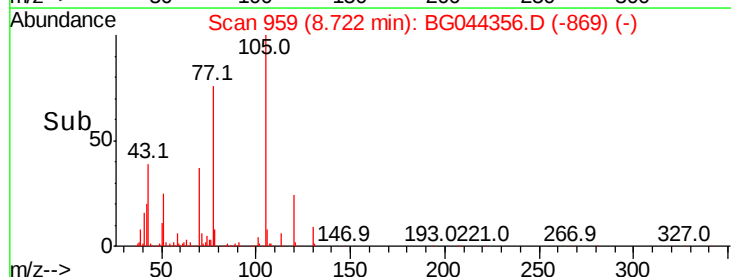
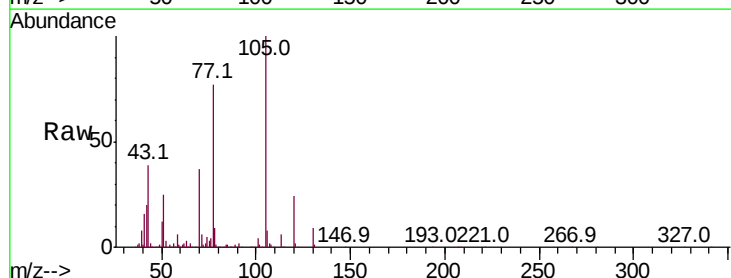
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

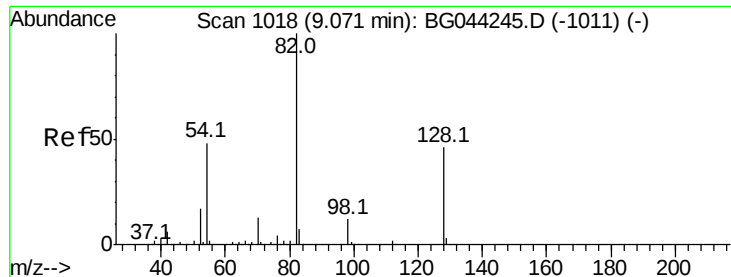
Tot Ion:136	Resp:	364951	
Ion Ratio	Lower	Upper	
136 100			
137 11.0	8.8	13.2	
54 7.5	5.8	8.8	
68 5.7	4.6	6.8	



#22
Acetophenone
Concen: 39.729 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt	Ion:105	Resp:	352723
Ion	Ratio	Lower	Upper
105	100		
71	6.4	3.4	5.0#
51	25.2	20.2	30.4
120	24.1	19.1	28.7

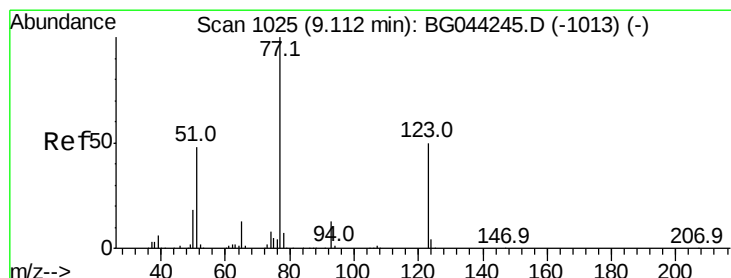
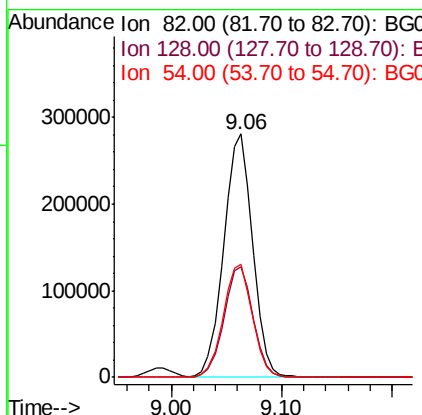
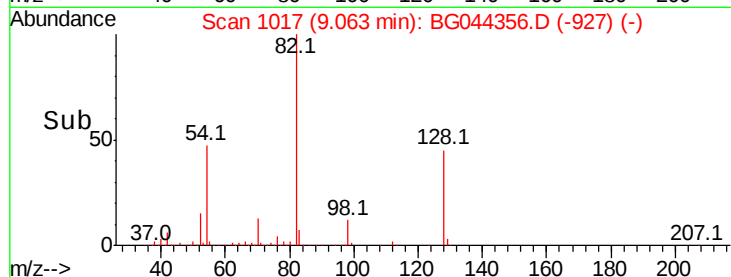
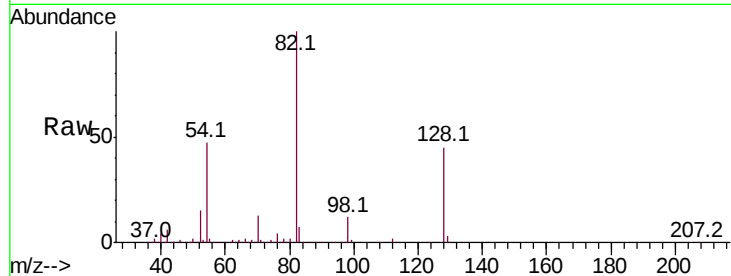




#23
Nitrobenzene-d5
Concen: 79.166 ng
RT: 9.06 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

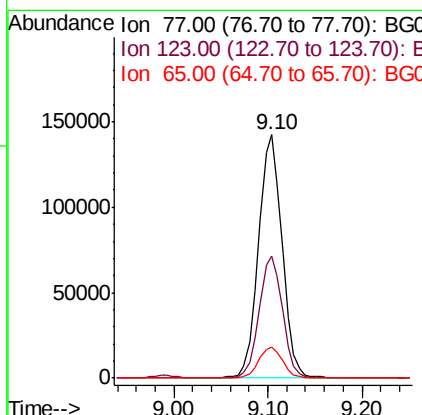
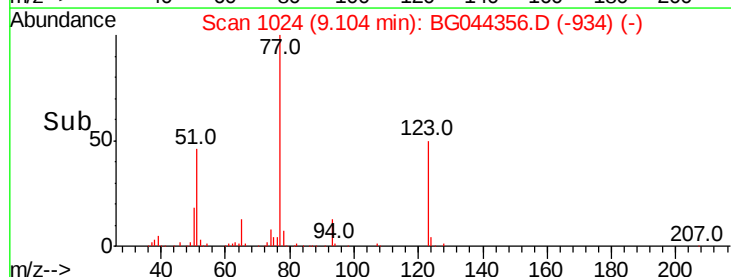
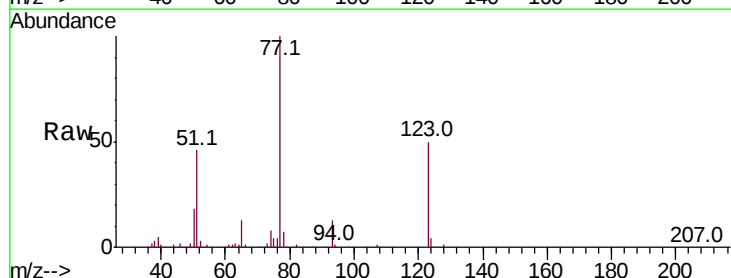
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

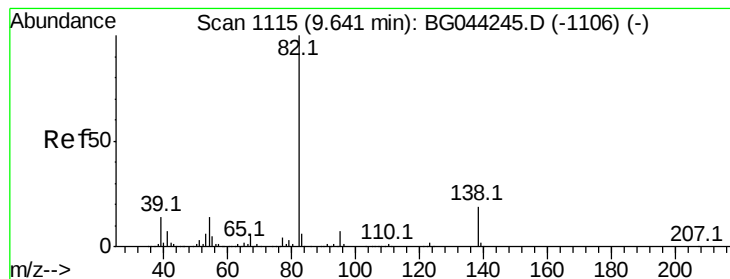
Tot Ion: 82 Resp: 511756
Ion Ratio Lower Upper
82 100
128 45.5 36.5 54.7
54 46.6 38.6 58.0



#24
Nitrobenzene
Concen: 39.206 ng
RT: 9.10 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion: 77 Resp: 247418
Ion Ratio Lower Upper
77 100
123 49.9 39.9 59.9
65 12.9 10.4 15.6





#25

Isophorone

Concen: 41.124 ng

RT: 9.63 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

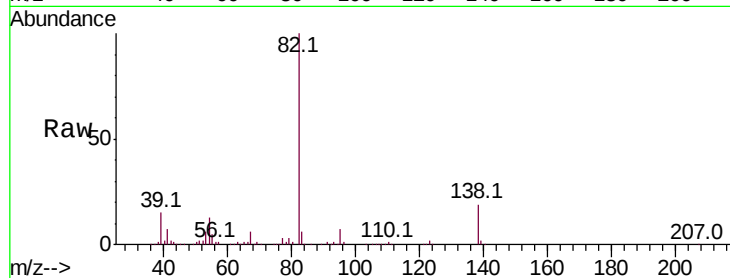
Tot Ion: 82 Resp: 495488

Ion Ratio Lower Upper

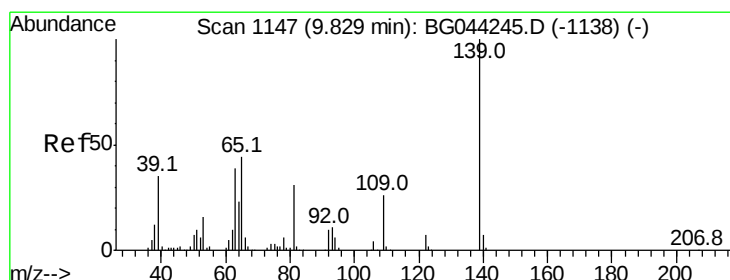
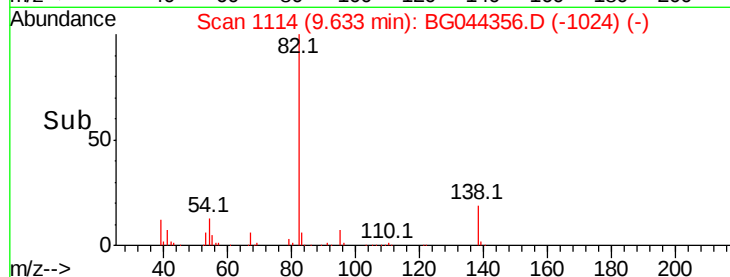
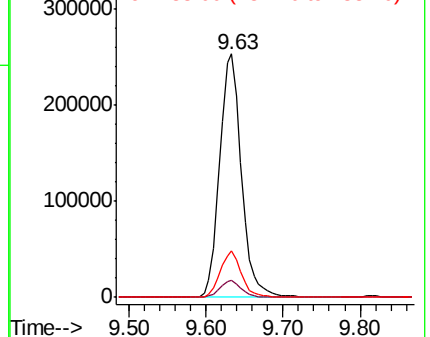
82 100

95 6.8 5.7 8.5

138 18.9 15.0 22.4



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



#26

2-Nitrophenol

Concen: 40.698 ng

RT: 9.81 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

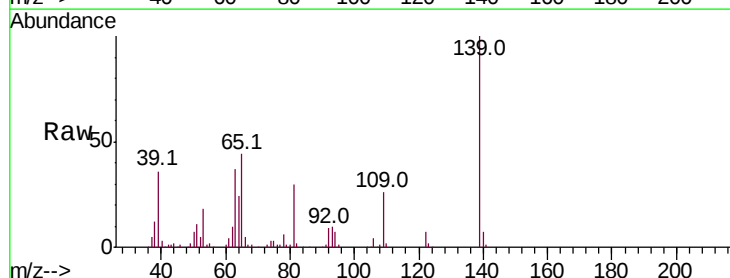
Tgt Ion: 139 Resp: 133270

Ion Ratio Lower Upper

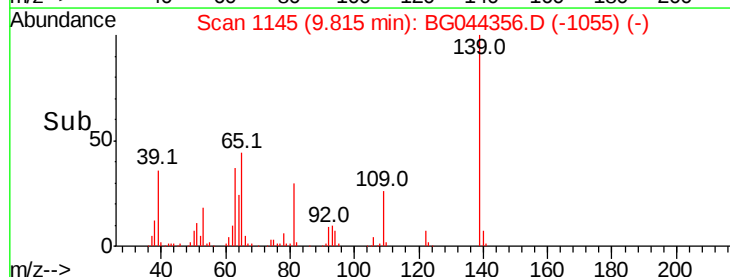
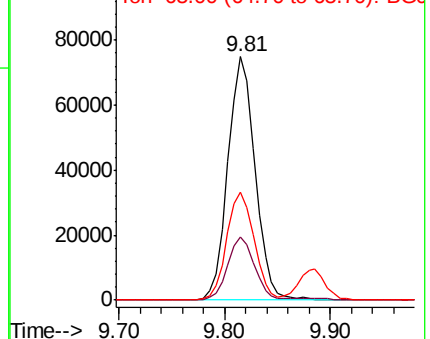
139 100

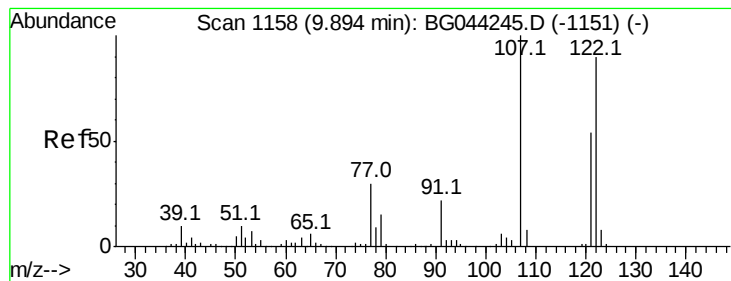
109 26.2 21.0 31.4

65 44.1 35.0 52.4



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





#27

2,4-Dimethylphenol

Concen: 40.316 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

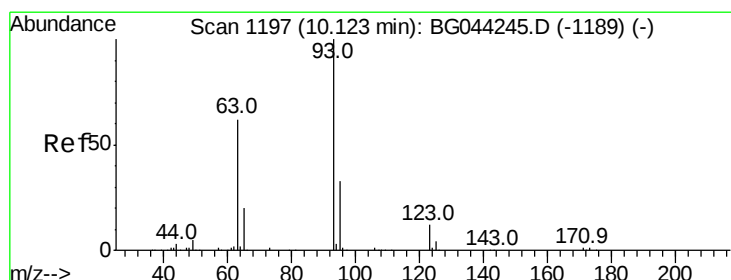
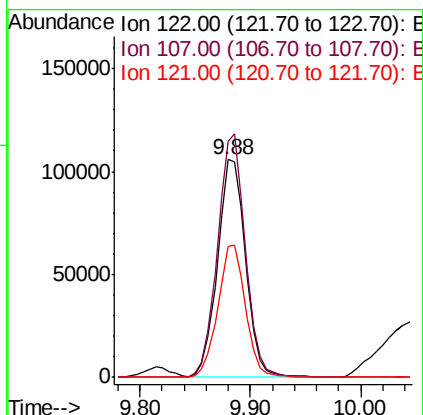
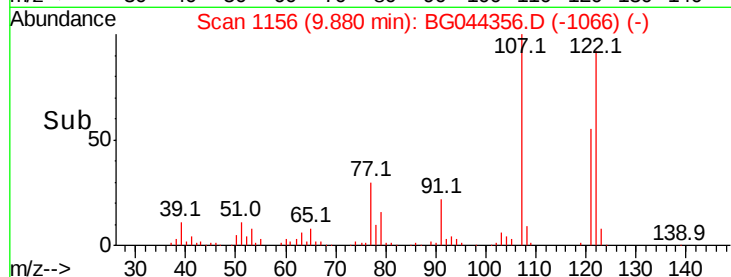
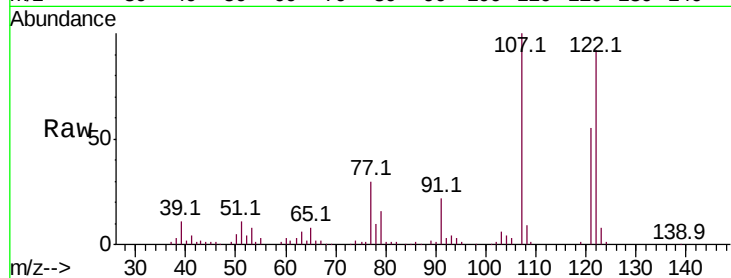
Tot Ion:122 Resp: 186357

Ion Ratio Lower Upper

122 100

107 108.5 88.8 133.2

121 60.2 48.3 72.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.399 ng

RT: 10.11 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

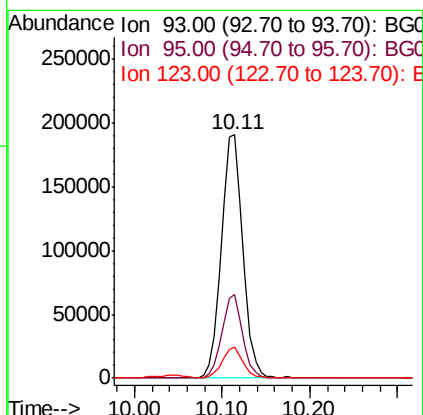
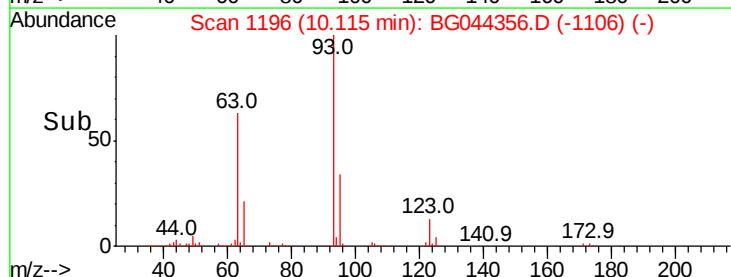
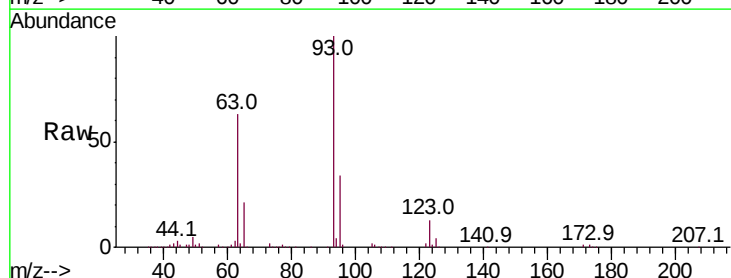
Tgt Ion: 93 Resp: 324707

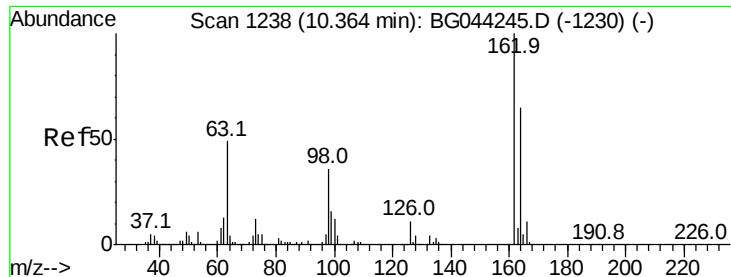
Ion Ratio Lower Upper

93 100

95 34.2 26.6 40.0

123 12.6 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 40.442 ng

RT: 10.36 min Scan# 1237

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

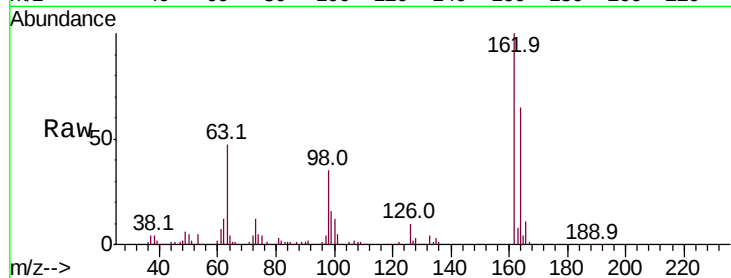
Tot Ion:162 Resp: 226043

Ion Ratio Lower Upper

162 100

164 65.5 44.7 84.7

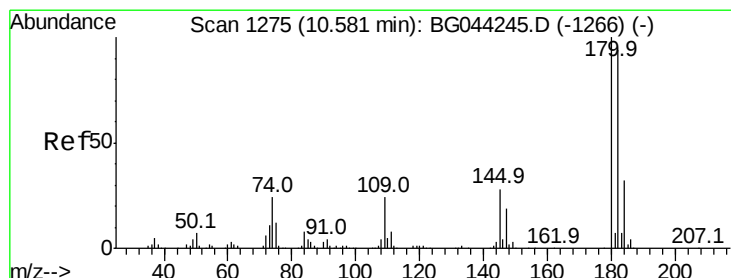
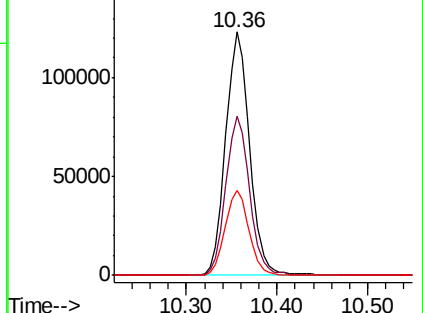
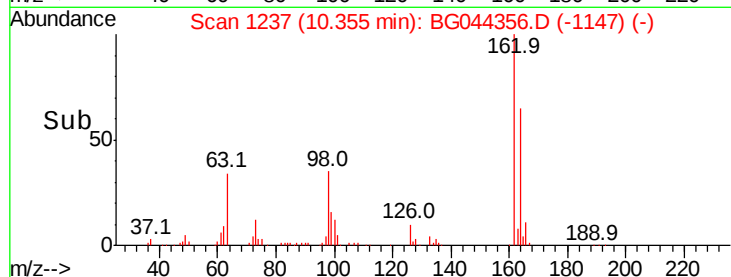
98 34.8 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.259 ng

RT: 10.57 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

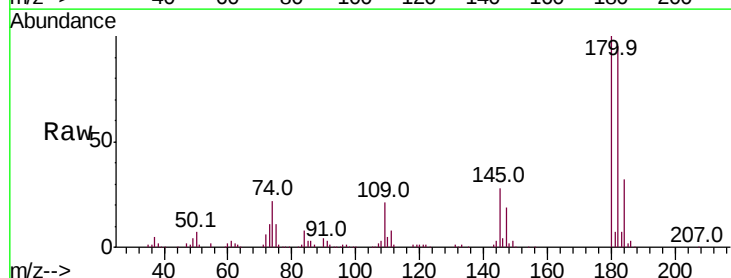
Tgt Ion:180 Resp: 251607

Ion Ratio Lower Upper

180 100

182 95.3 75.5 113.3

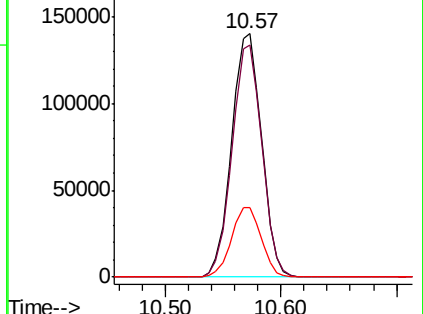
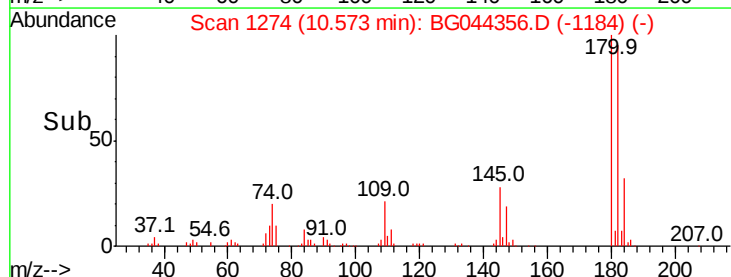
145 28.4 22.6 34.0

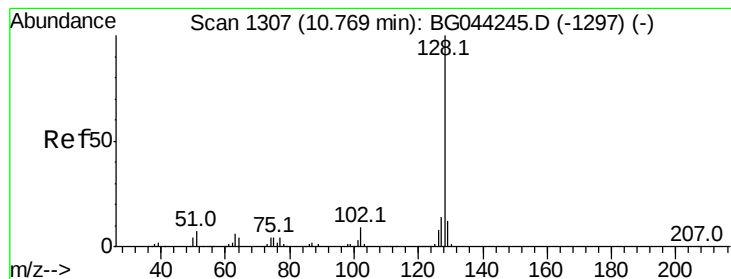


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

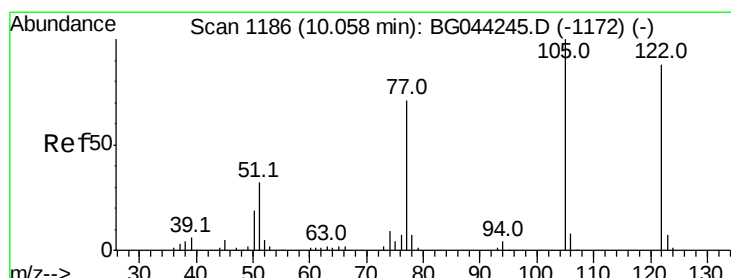
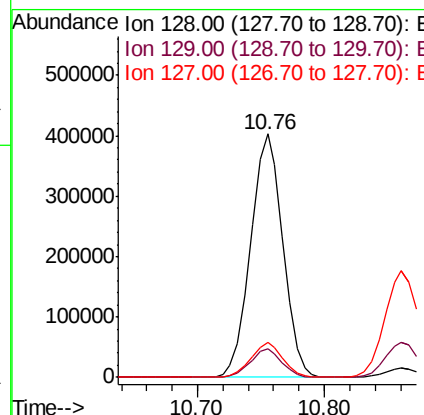
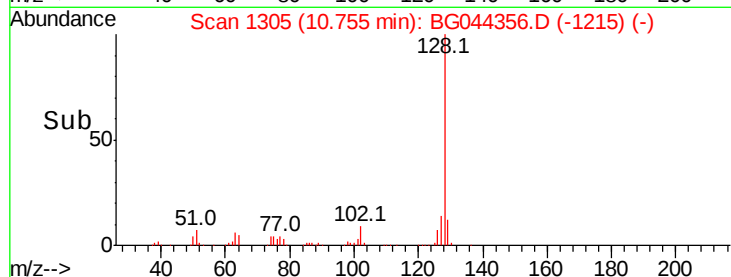
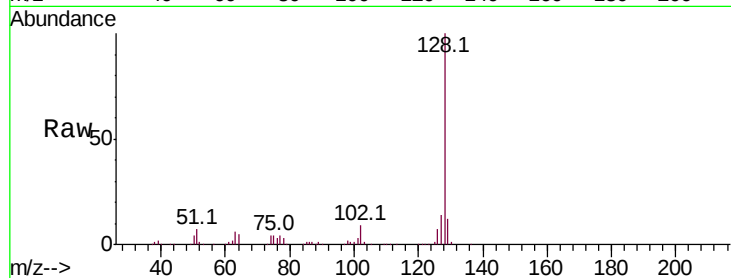




#31
Naphthalene
Concen: 40.191 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

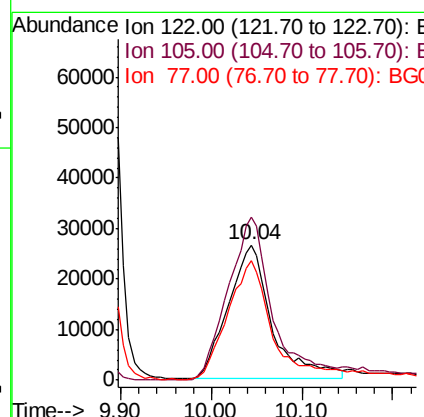
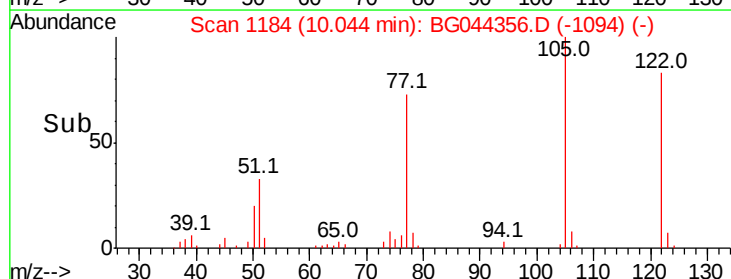
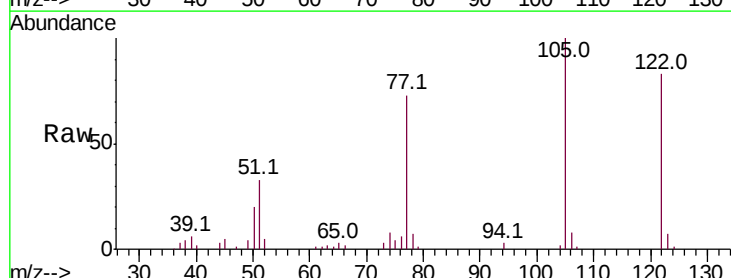
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

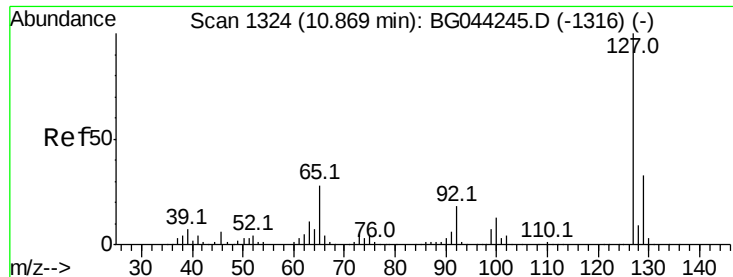
Tot Ion:128 Resp: 711633
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 34.841 ng
RT: 10.04 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:122 Resp: 89296
Ion Ratio Lower Upper
122 100
105 120.8 93.5 133.5
77 88.2 61.0 101.0

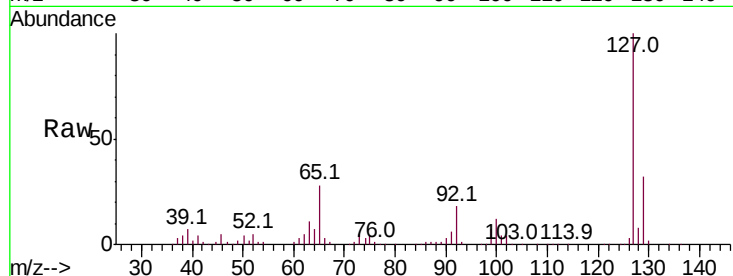




#33
4-Chloroaniline
Concen: 41.382 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	333244
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	40.0
65	27.8	22.5	33.7
92	18.2	14.1	21.1



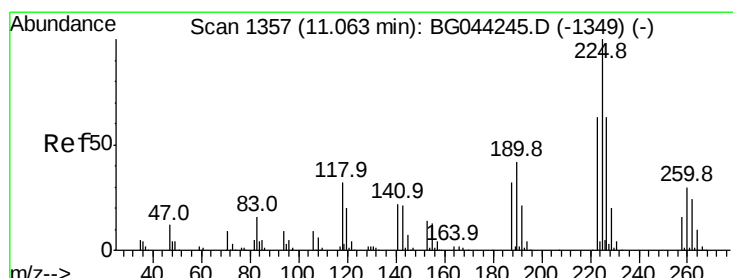
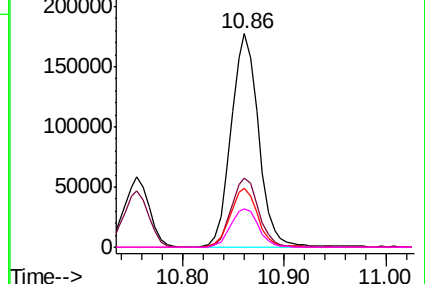
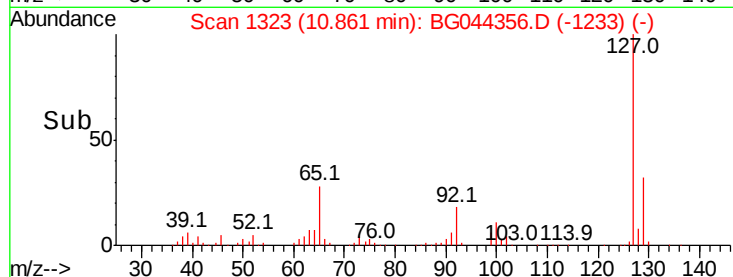
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

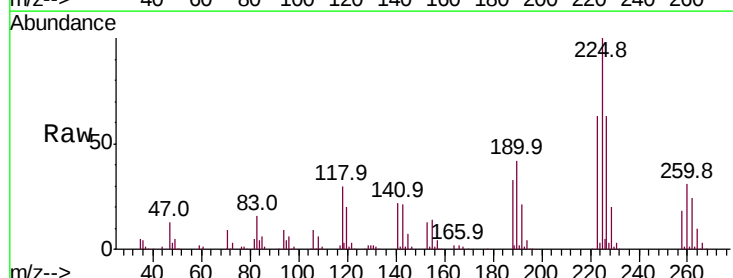
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.132 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:	225	Resp:	150377
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.4
227	63.2	50.8	76.2

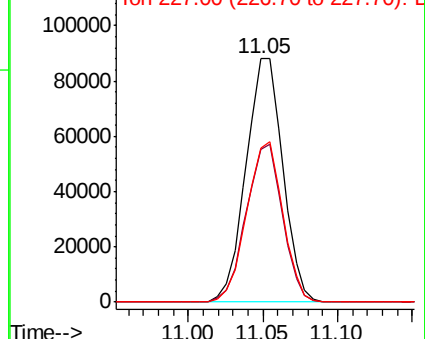
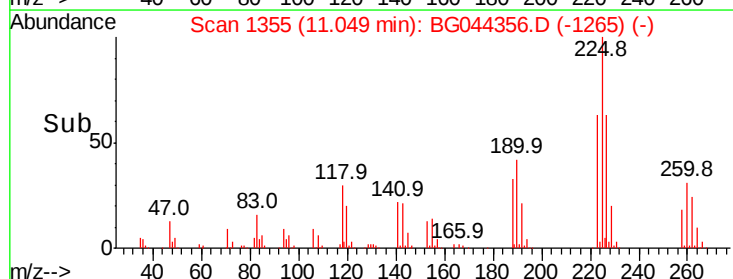


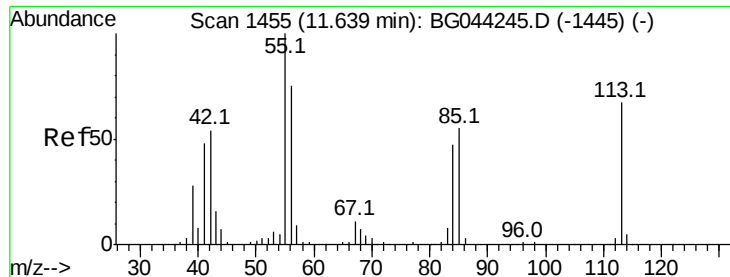
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 43.262 ng

RT: 11.64 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

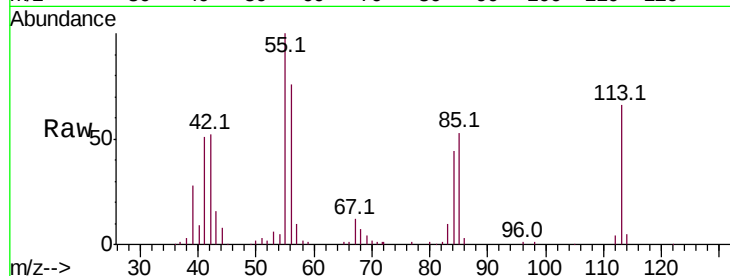
Tot Ion:113 Resp: 88577

Ion Ratio Lower Upper

113 100

55 152.3 129.9 169.9

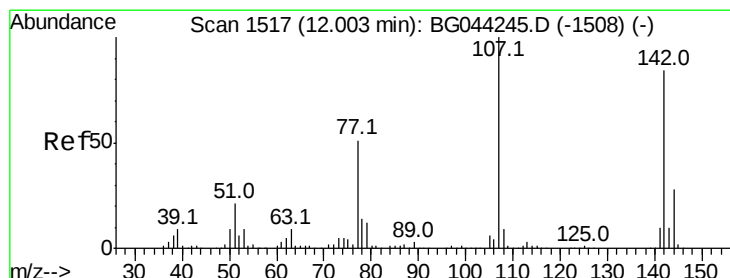
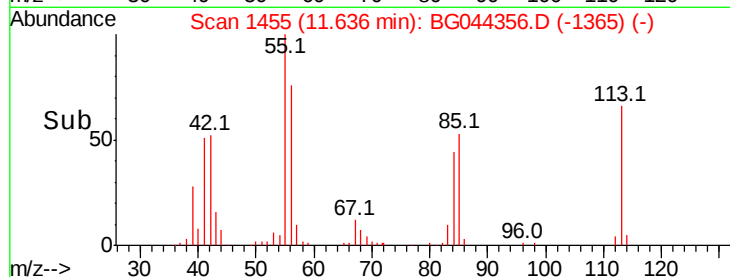
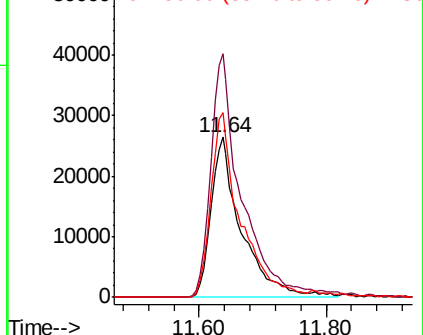
56 115.6 92.5 132.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.983 ng

RT: 11.99 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

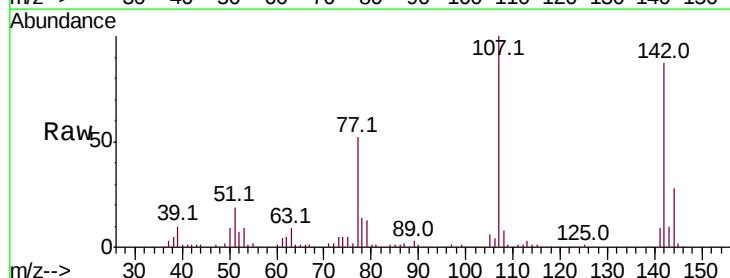
Tgt Ion:107 Resp: 246022

Ion Ratio Lower Upper

107 100

144 28.4 22.2 33.4

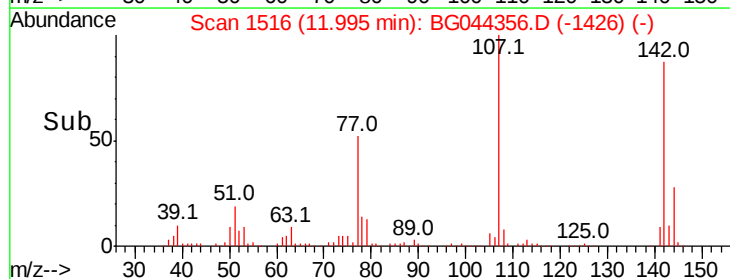
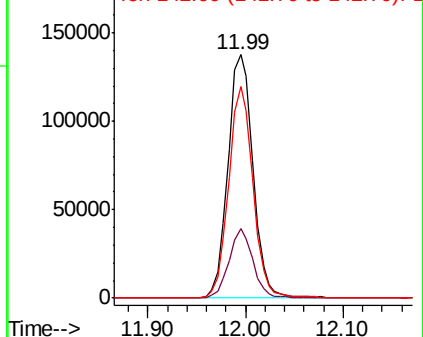
142 87.1 67.4 101.0

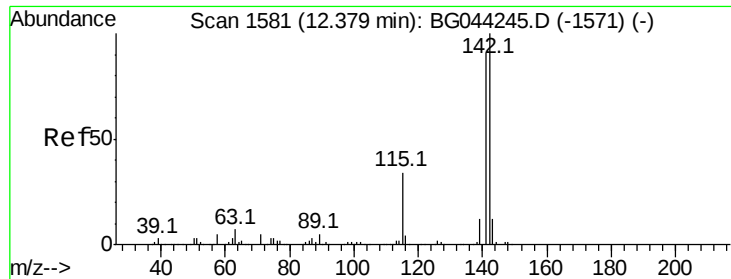


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.274 ng

RT: 12.36 min Scan# 1579

Delta R.T. 0.00 min

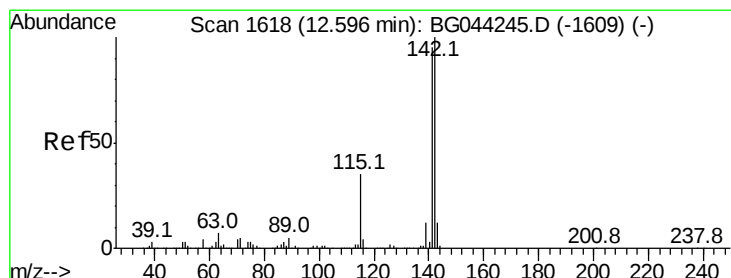
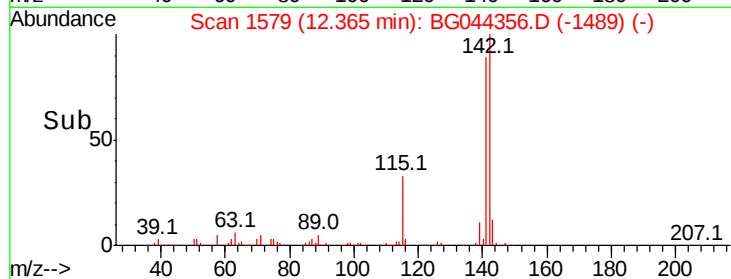
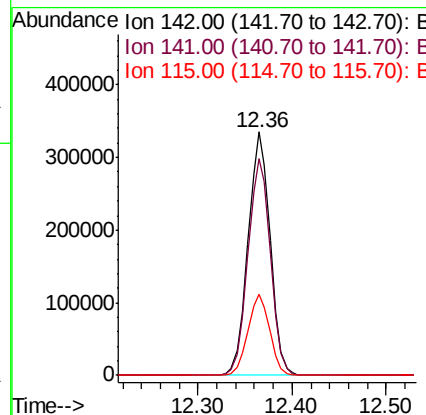
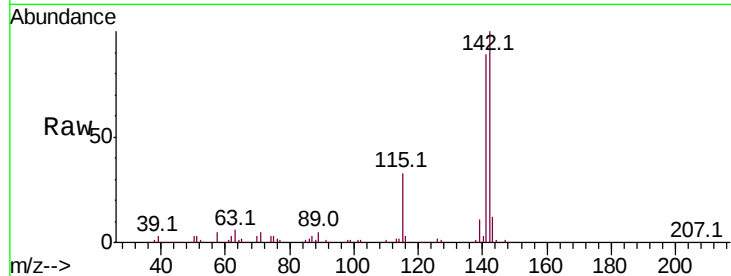
Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:142 Resp: 542614

Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.2	109.8
115	33.5	27.1	40.7



#38

1-Methylnaphthalene

Concen: 41.597 ng

RT: 12.58 min Scan# 1616

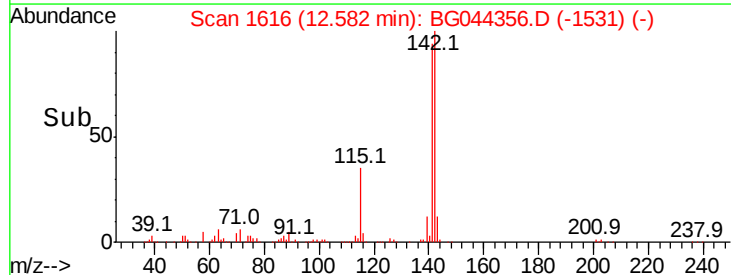
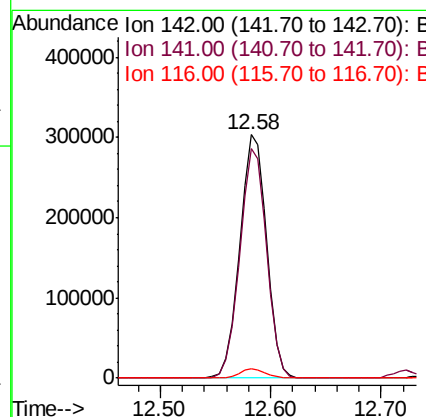
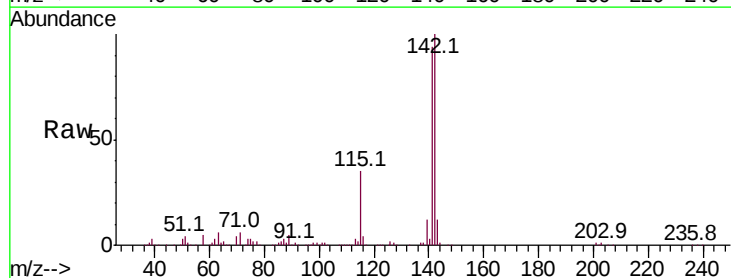
Delta R.T. 0.00 min

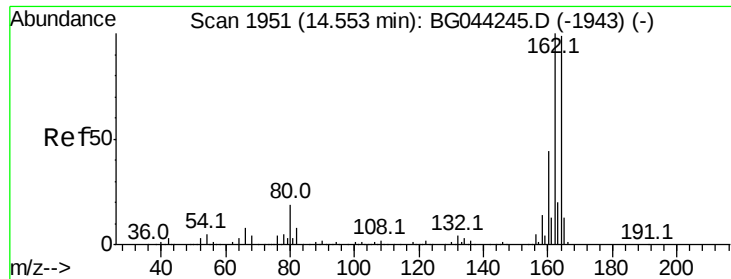
Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Tgt Ion:142 Resp: 515563

Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.8	113.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.54 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

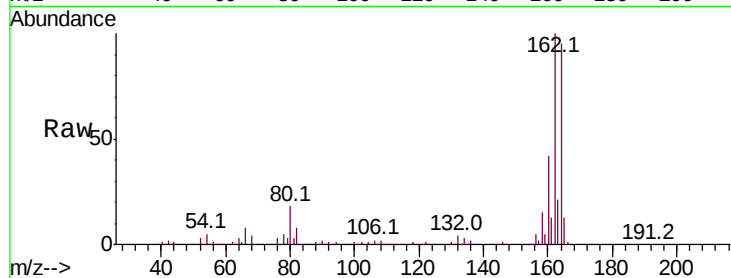
Tot Ion:164 Resp: 252062

Ion Ratio Lower Upper

164 100

162 105.6 80.7 121.1

160 44.7 35.3 52.9

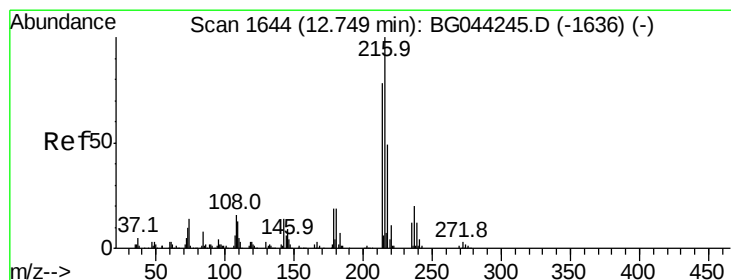
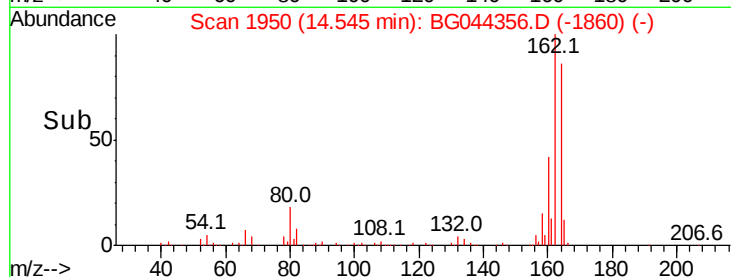
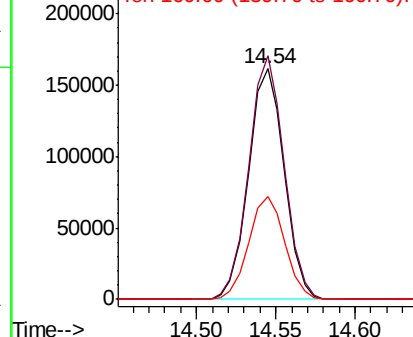


Abundance

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: 38.619 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Tgt Ion:216 Resp: 291188

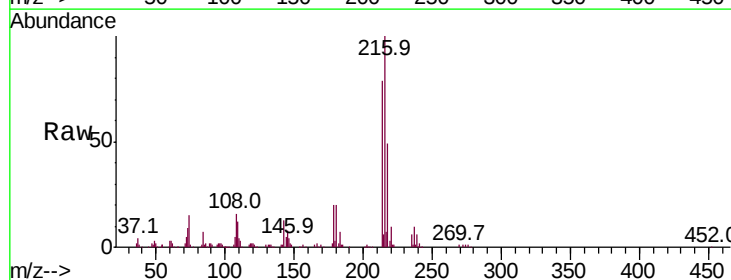
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.6

179 20.7 16.2 24.4

108 16.8 13.5 20.3



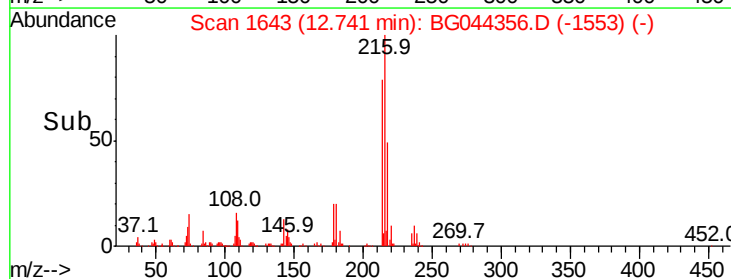
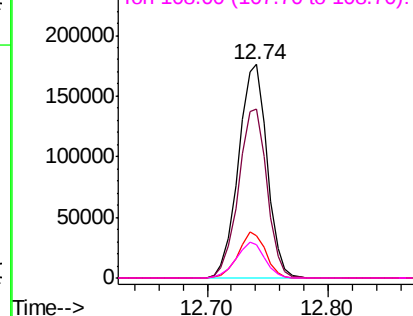
Abundance

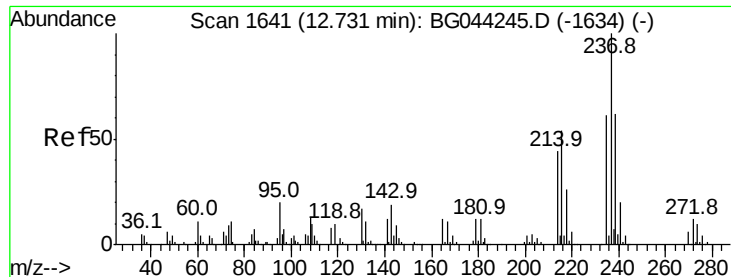
Ion 216.00 (215.70 to 216.70): E

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: 35.138 ng

RT: 12.72 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

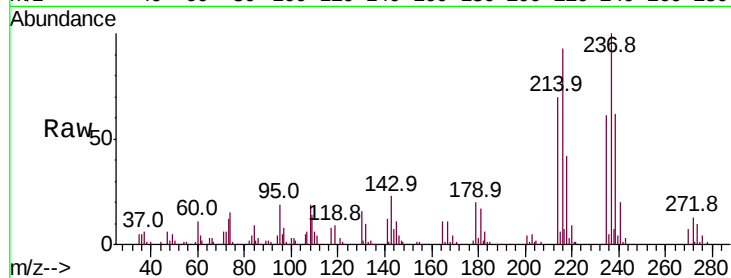
Tot Ion:237 Resp: 127125

Ion Ratio Lower Upper

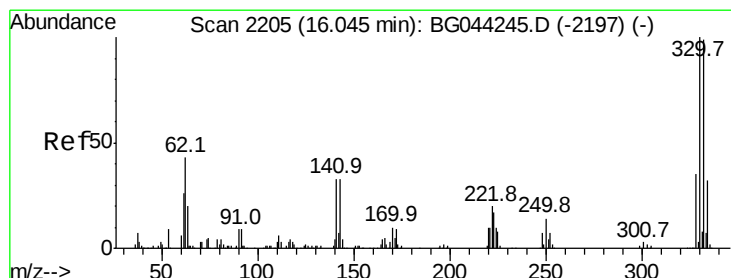
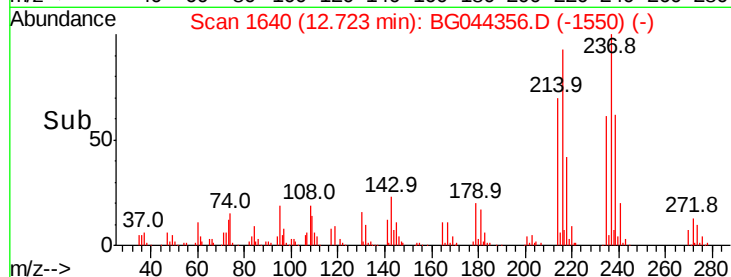
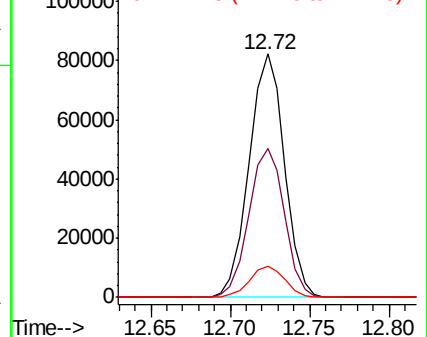
237 100

235 61.3 41.2 81.2

272 12.6 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: 83.438 ng

RT: 16.03 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

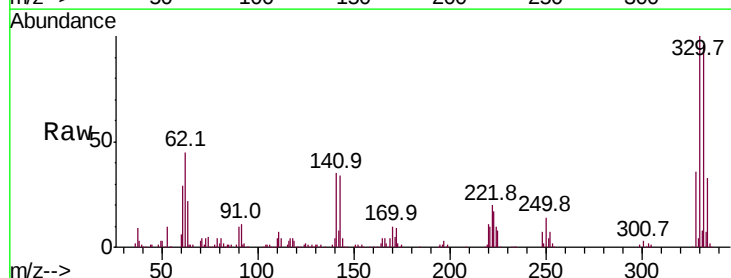
Tgt Ion:330 Resp: 246897

Ion Ratio Lower Upper

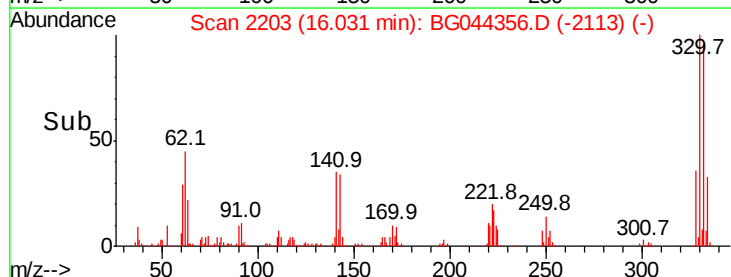
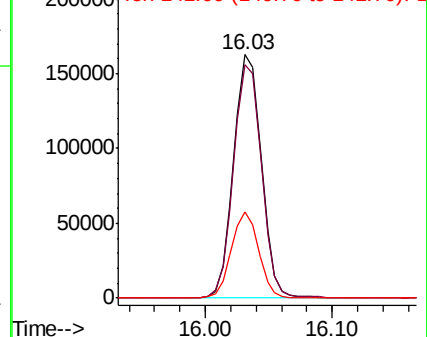
330 100

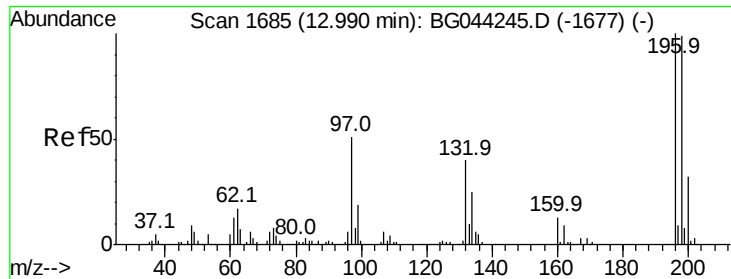
332 96.9 77.2 115.8

141 34.7 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

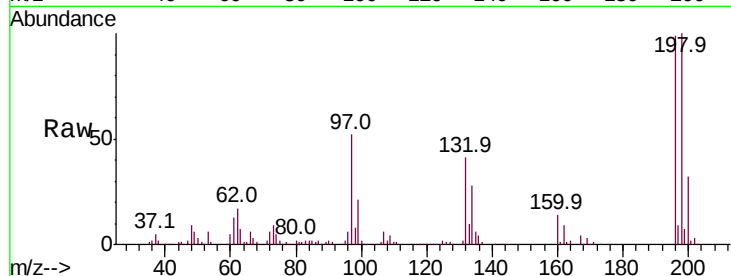




#43
 2,4,6-Trichlorophenol
 Concen: 40.199 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.4	79.3	118.9
200	31.9	25.7	38.5

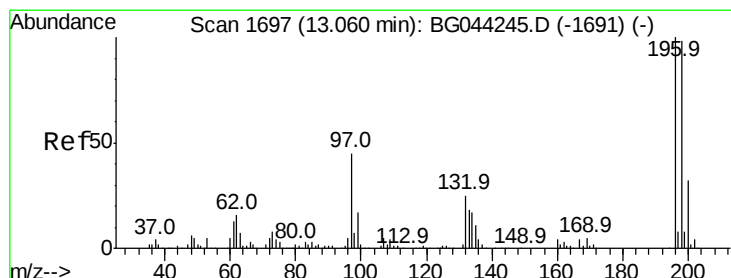
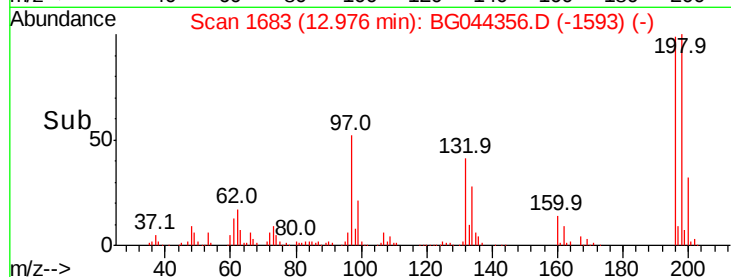
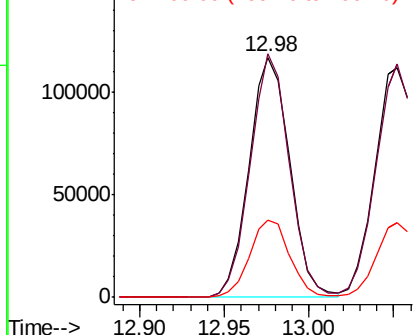


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 40.563 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	102.1	78.2	117.2
97	46.4	36.2	54.4
132	27.2	20.2	30.4

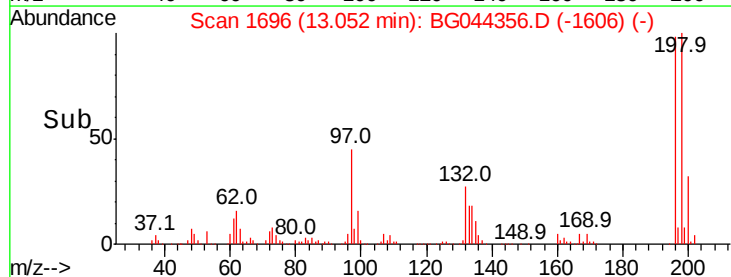
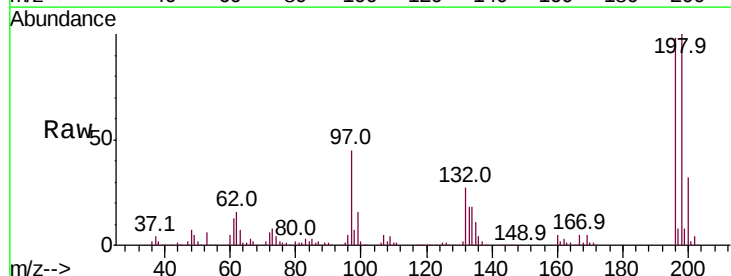
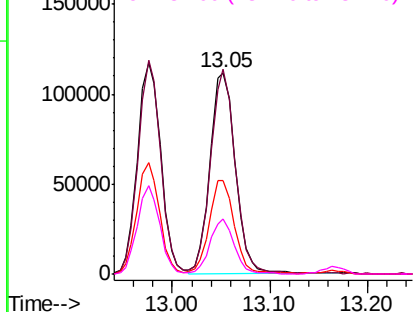
Abundance

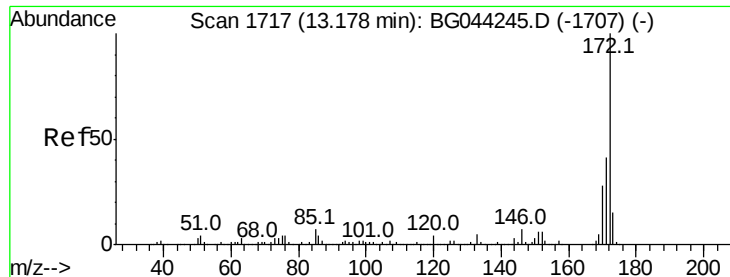
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

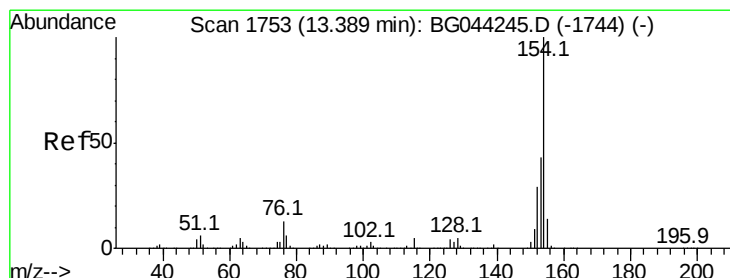
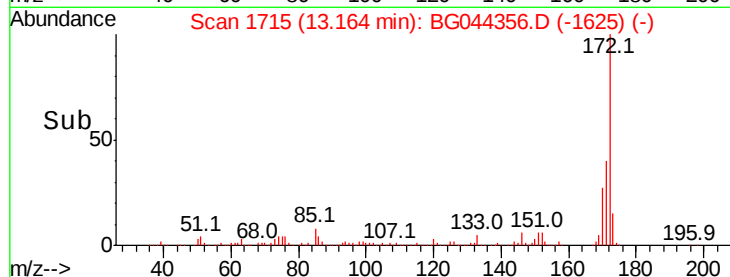
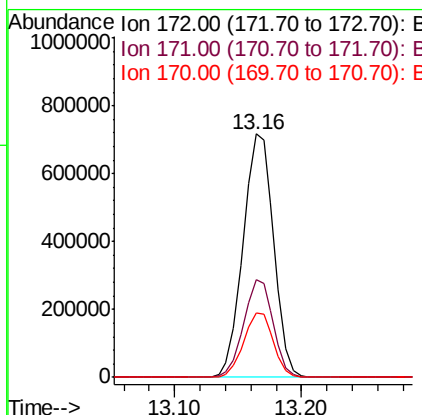
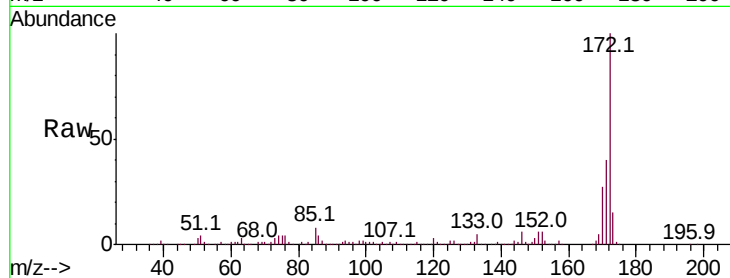




#45
2-Fluorobiphenyl
Concen: 79.544 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

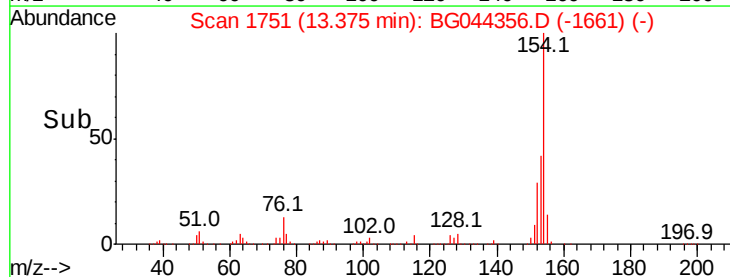
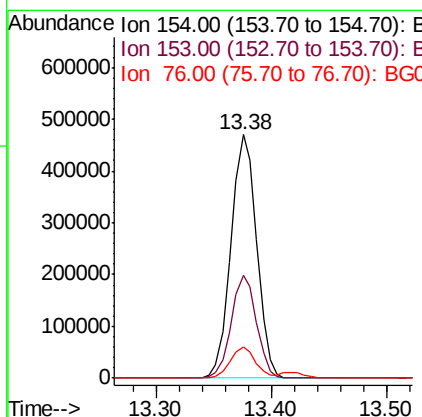
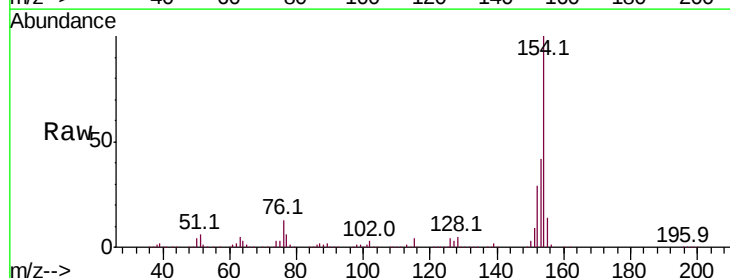
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

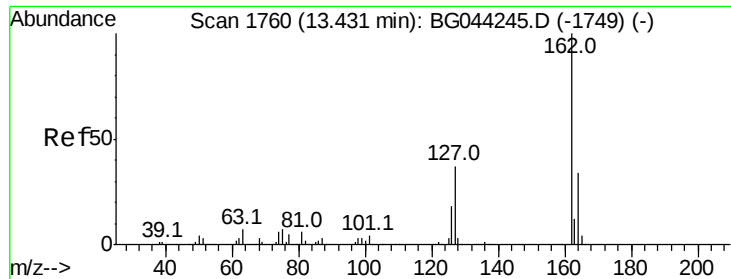
Tot Ion:172 Resp: 1197337
Ion Ratio Lower Upper
172 100
171 40.1 32.9 49.3
170 26.6 22.0 33.0



#46
1,1'-Biphenyl
Concen: 39.660 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:154 Resp: 721070
Ion Ratio Lower Upper
154 100
153 42.3 22.7 62.7
76 12.5 0.0 32.9

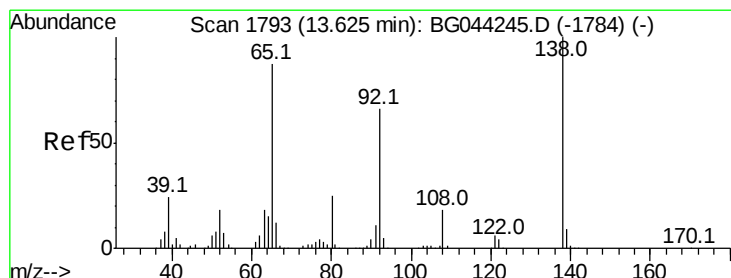
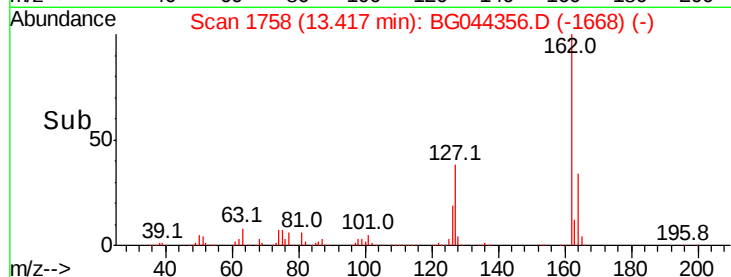
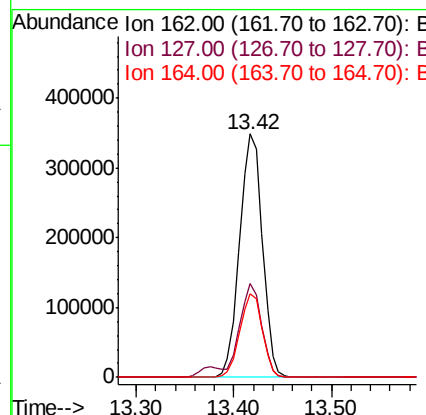
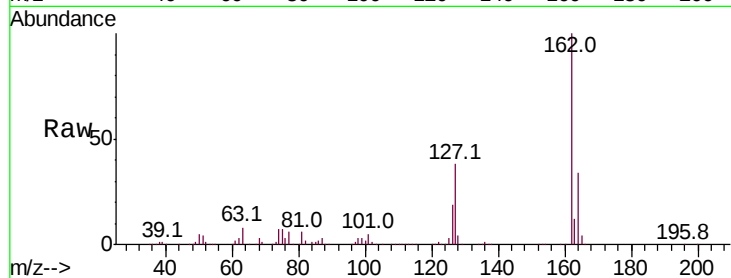




#47
 2-Chloronaphthalene
 Concen: 39.128 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

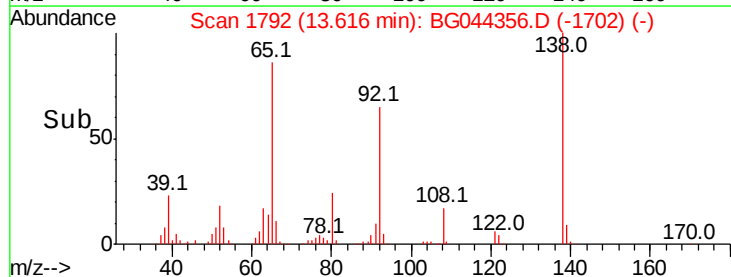
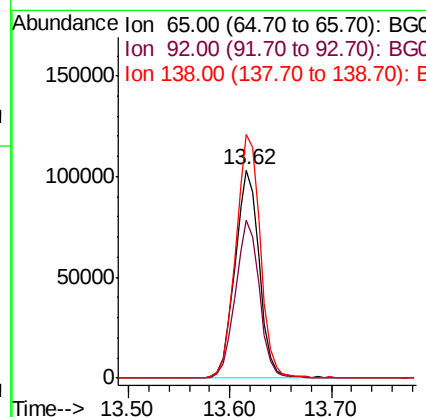
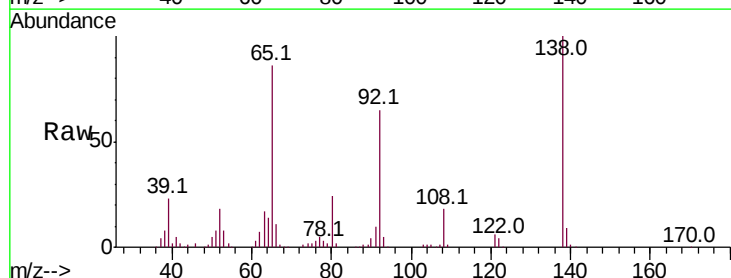
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

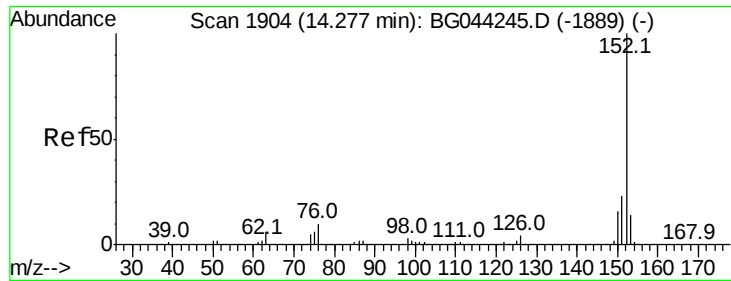
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	30.0	45.0
164	34.4	27.2	40.8



#48
 2-Nitroaniline
 Concen: 39.982 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	60.3	90.5
138	116.8	91.9	137.9





#49

Acenaphthylene

Concen: 40.096 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

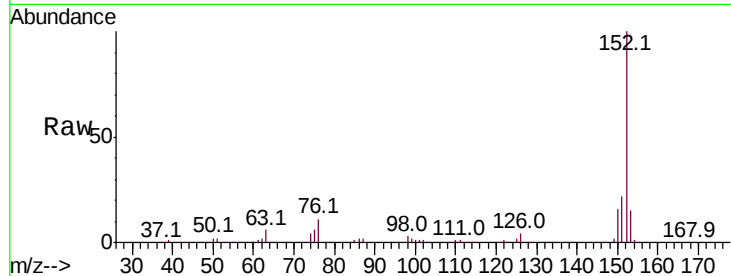
Tot Ion:152 Resp: 850853

Ion Ratio Lower Upper

152 100

151 22.5 18.1 27.1

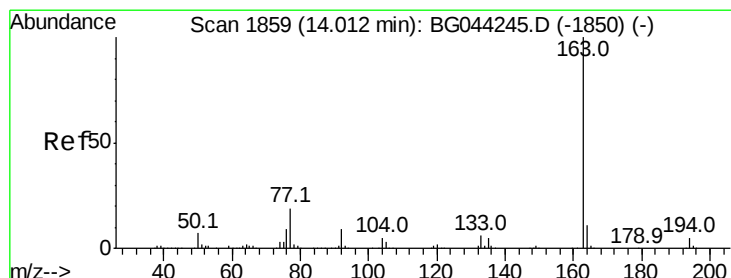
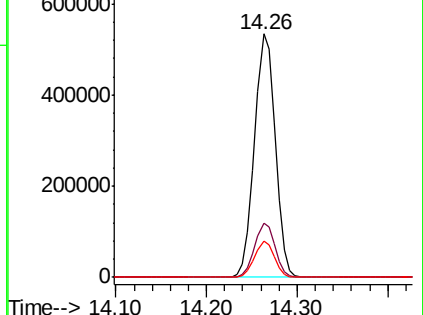
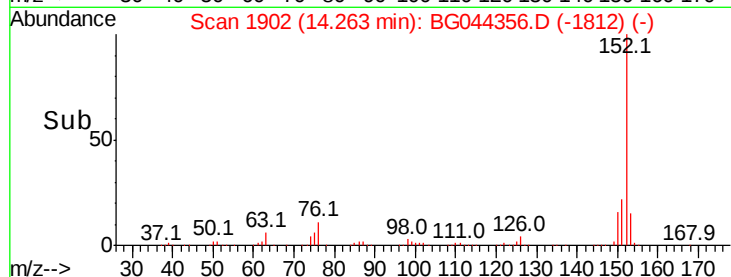
153 14.9 11.5 17.3



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: 40.650 ng

RT: 14.00 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

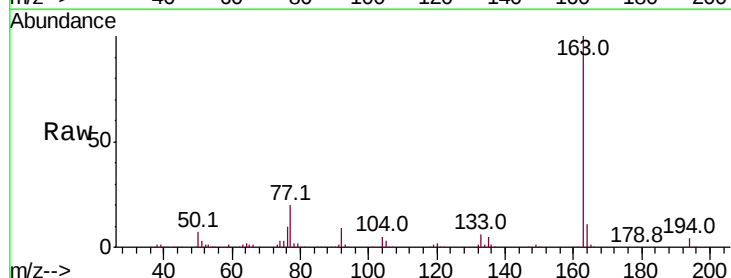
Tgt Ion:163 Resp: 736534

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

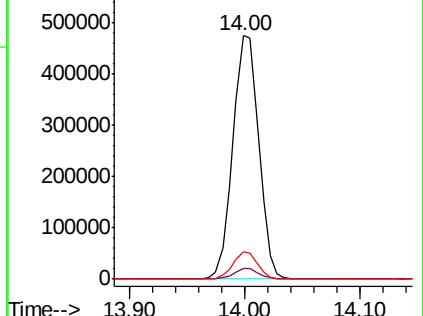
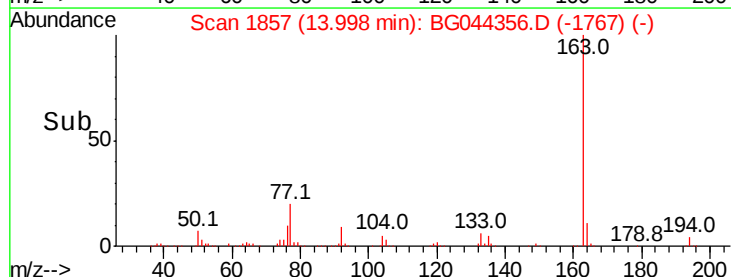
164 11.2 8.7 13.1

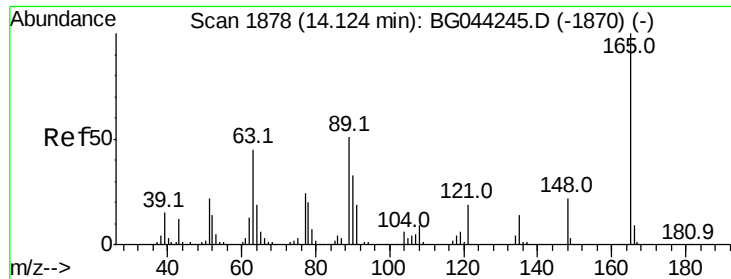


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

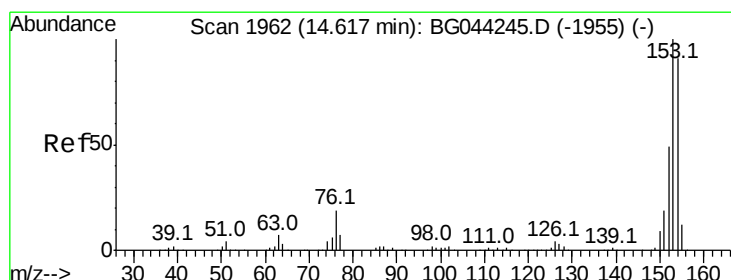
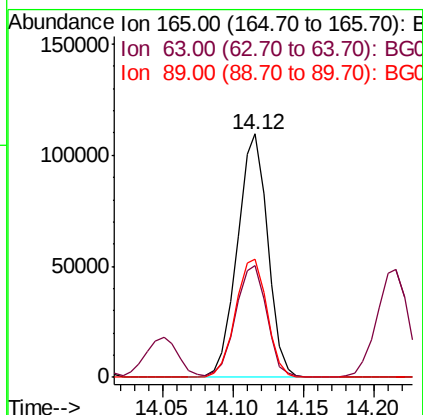
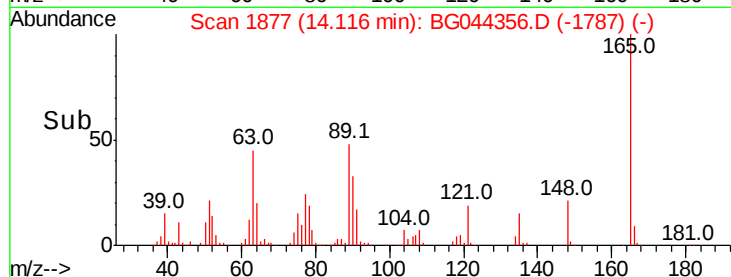
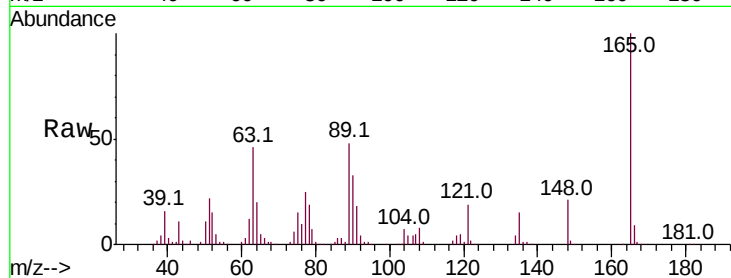




#51
2,6-Dinitrotoluene
Concen: 40.712 ng
RT: 14.12 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

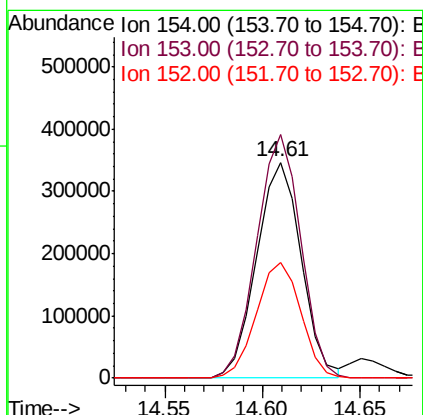
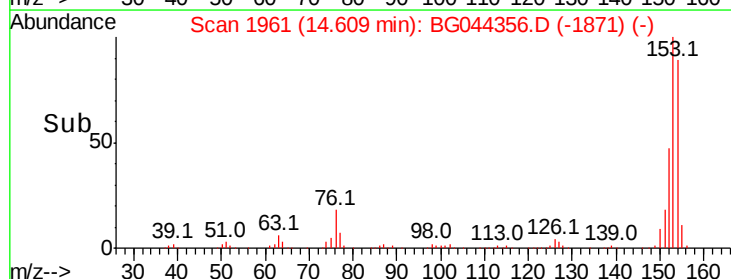
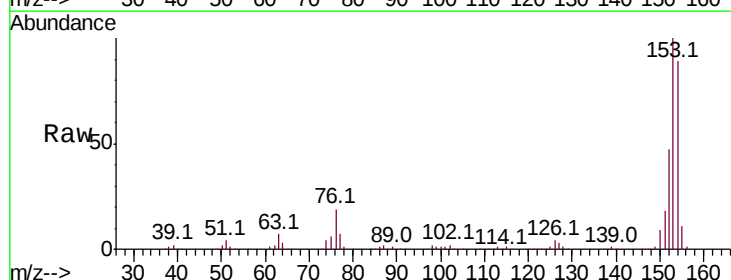
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

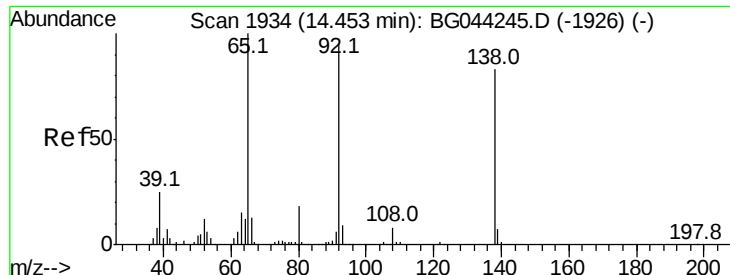
Tot Ion:165 Resp: 164473
Ion Ratio Lower Upper
165 100
63 45.8 38.7 58.1
89 48.3 40.4 60.6



#52
Acenaphthene
Concen: 39.986 ng
RT: 14.61 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:154 Resp: 549984
Ion Ratio Lower Upper
154 100
153 112.8 87.9 131.9
152 53.3 43.1 64.7





#53

3-Nitroaniline

Concen: 40.894 ng

RT: 14.44 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

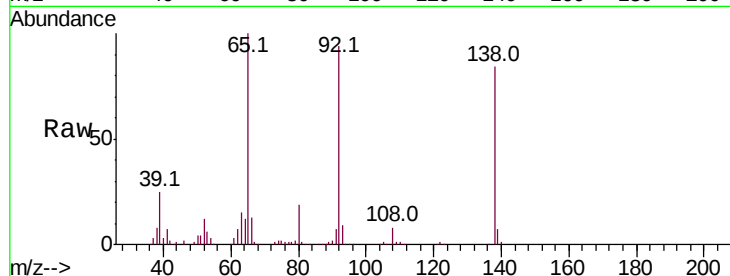
Tot Ion:138 Resp: 182778

Ion Ratio Lower Upper

138 100

108 9.2 7.9 11.9

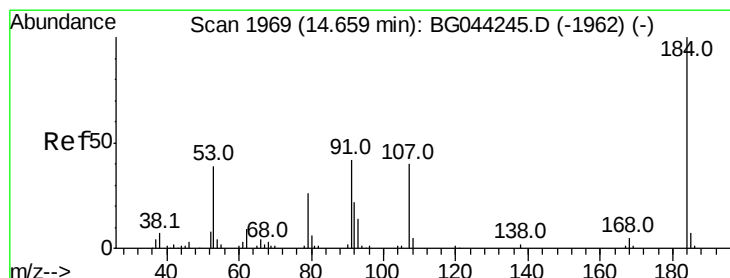
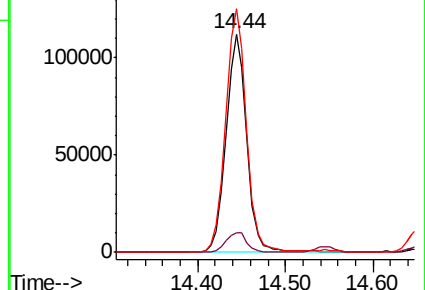
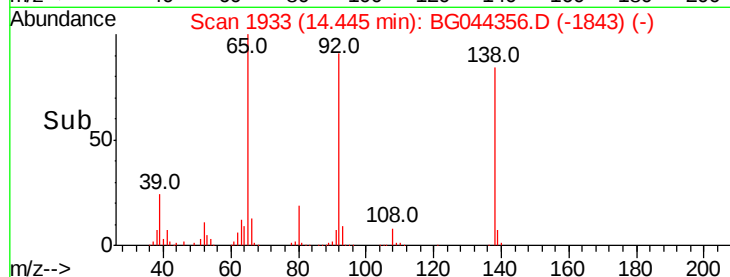
92 111.5 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 41.619 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

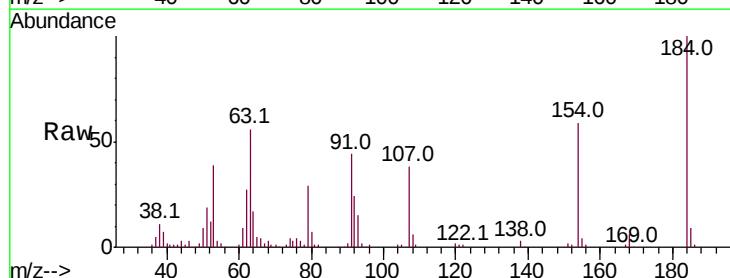
Tgt Ion:184 Resp: 89950

Ion Ratio Lower Upper

184 100

63 56.2 44.1 66.1

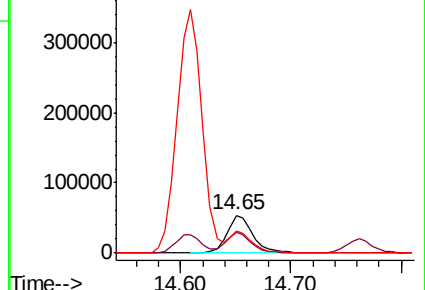
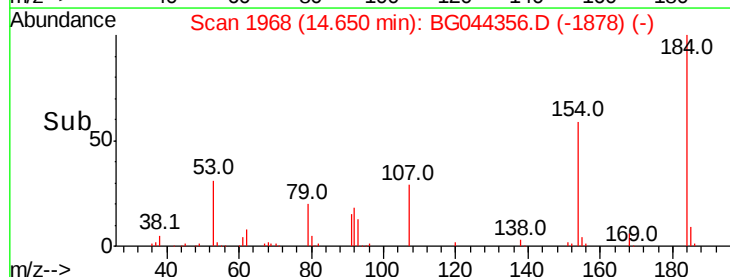
154 58.5 45.4 68.0

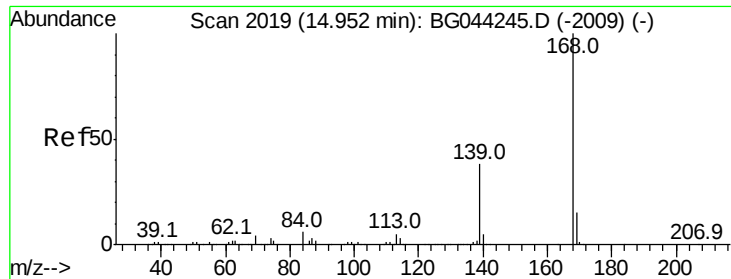


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

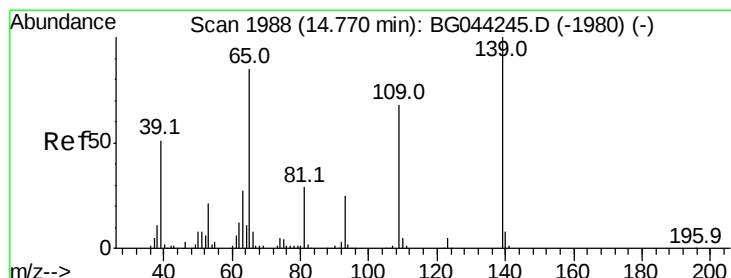
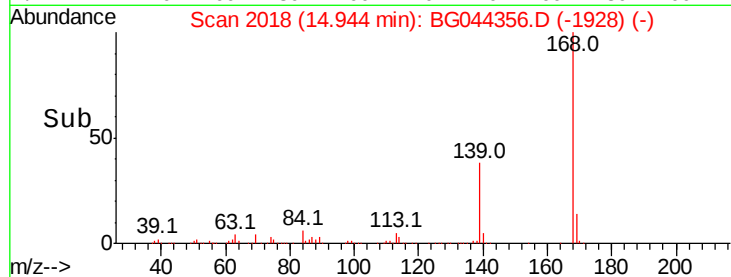
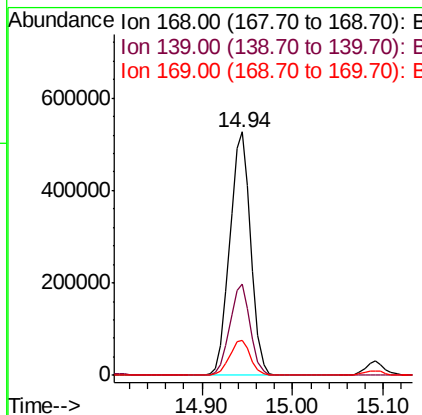
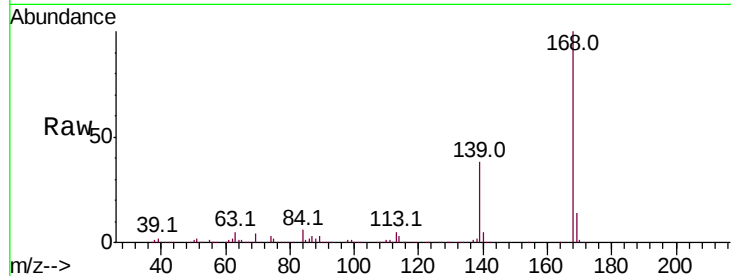




#55
Dibenzofuran
Concen: 40.491 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

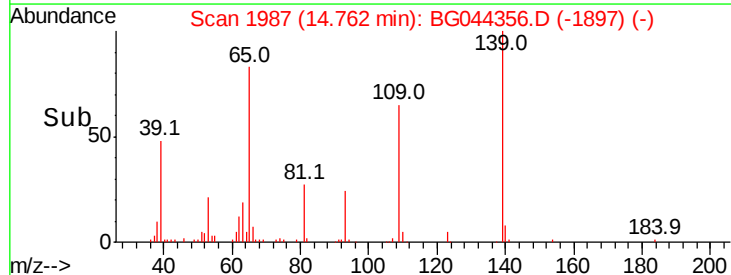
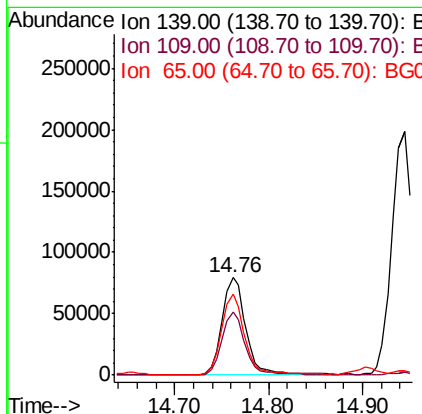
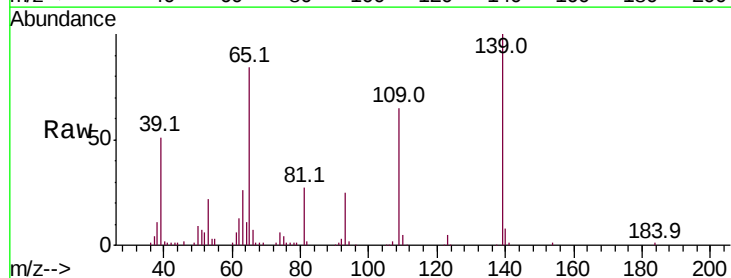
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

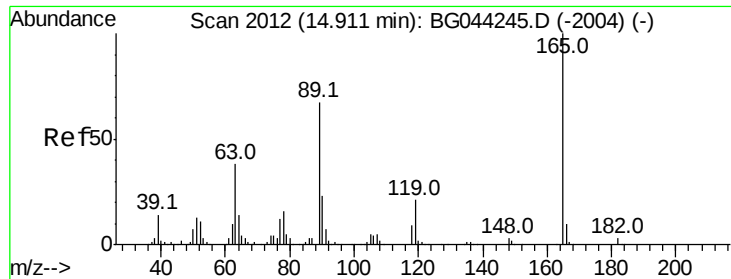
Tot Ion:168 Resp: 843223
Ion Ratio Lower Upper
168 100
139 37.7 30.5 45.7
169 14.3 11.7 17.5



#56
4-Nitrophenol
Concen: 43.212 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:139 Resp: 141475
Ion Ratio Lower Upper
139 100
109 65.4 47.5 87.5
65 83.9 64.9 104.9

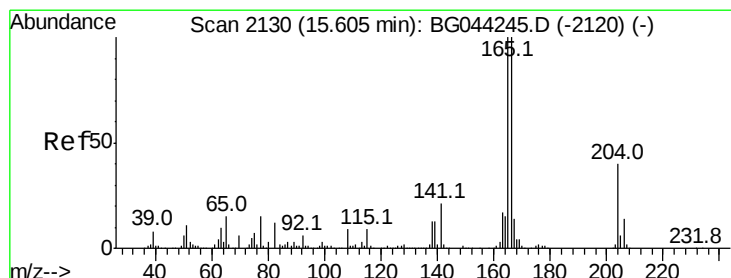
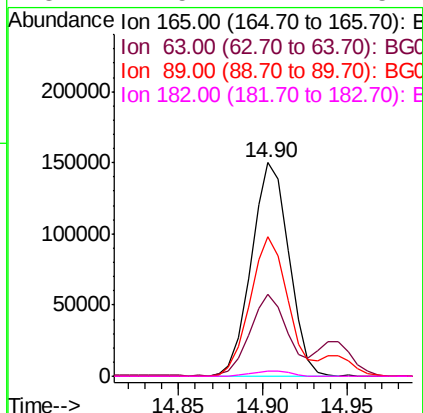
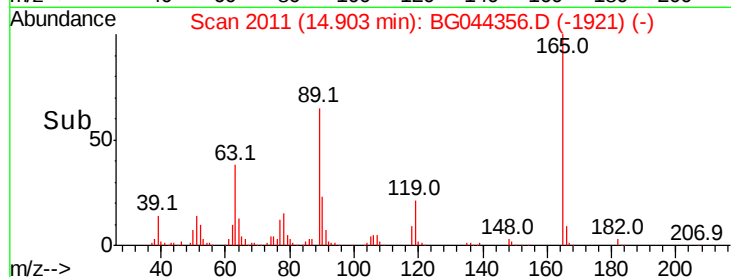
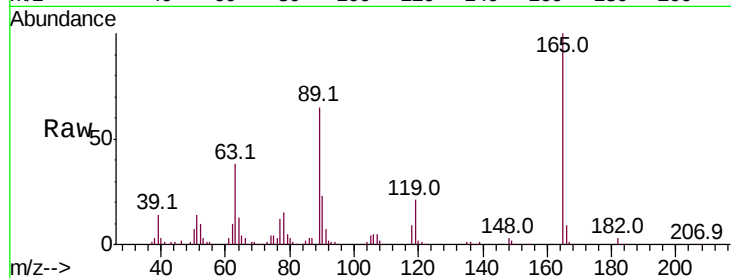




#57
2,4-Dinitrotoluene
Concen: 40.954 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

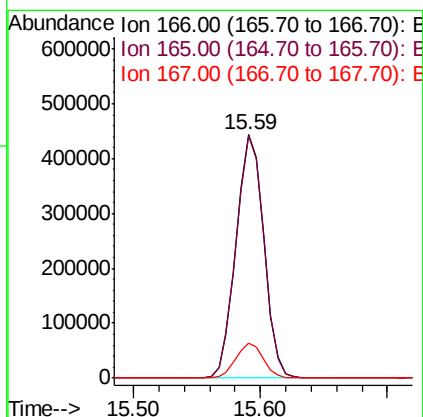
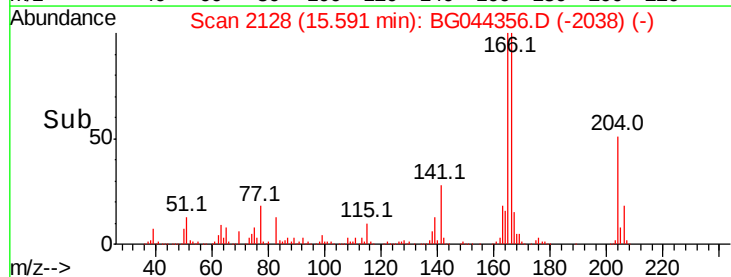
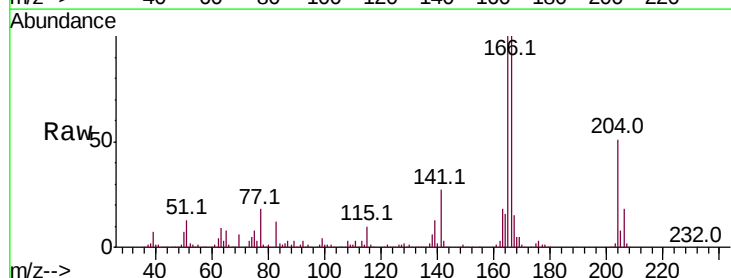
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

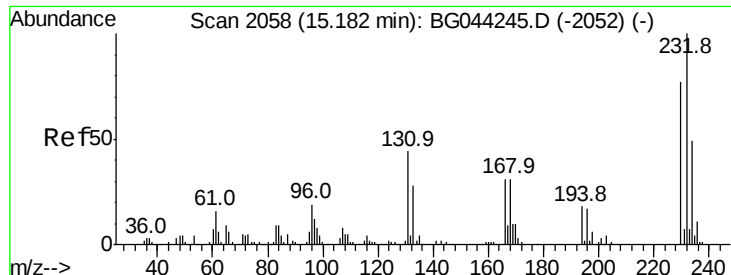
Tot Ion:165 Resp: 231891
Ion Ratio Lower Upper
165 100
63 38.3 30.3 45.5
89 65.3 53.4 80.2
182 2.5 2.1 3.1



#58
Fluorene
Concen: 40.981 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:166 Resp: 672191
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 14.5 11.4 17.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.848 ng

RT: 15.17 min Scan# 2057

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 188167

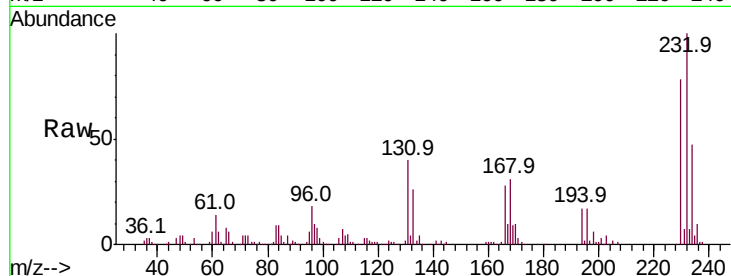
Ion Ratio Lower Upper

232 100

131 41.8 34.2 51.4

130 2.3 1.8 2.8

166 29.8 23.8 35.8

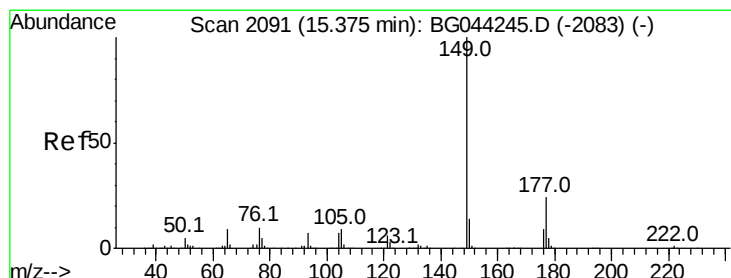
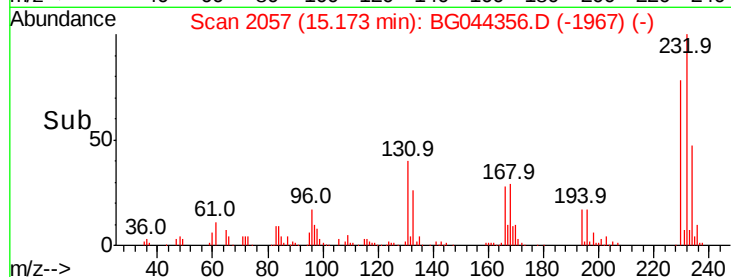
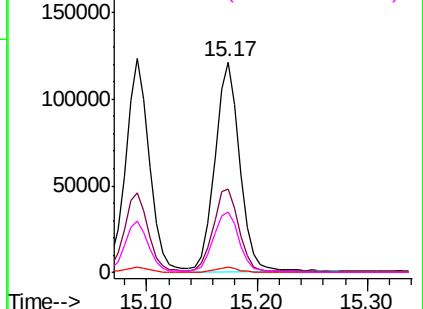


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.131 ng

RT: 15.37 min Scan# 2090

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

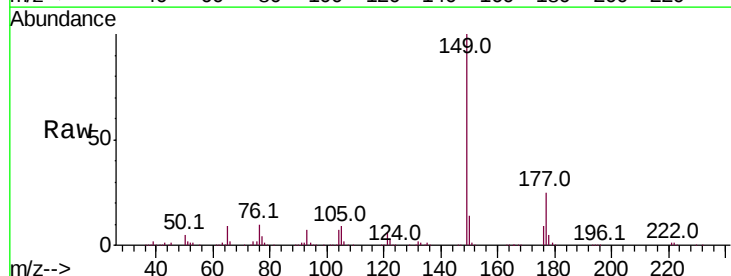
Tgt Ion:149 Resp: 742580

Ion Ratio Lower Upper

149 100

177 24.6 19.4 29.0

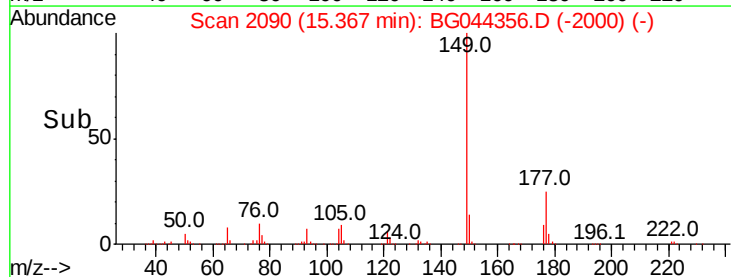
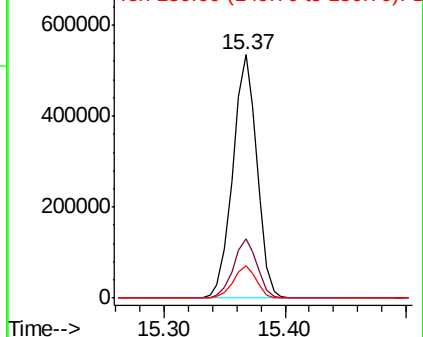
150 13.5 10.9 16.3

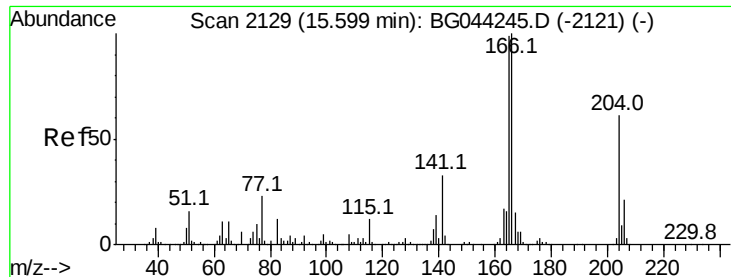


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 40.228 ng

RT: 15.58 min Scan# 2127

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

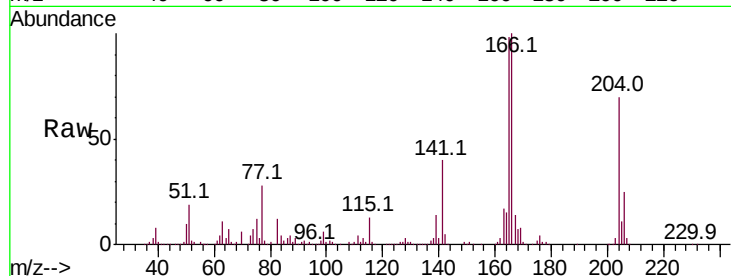
Tot Ion:204 Resp: 357765

Ion Ratio Lower Upper

204 100

206 35.2 27.6 41.4

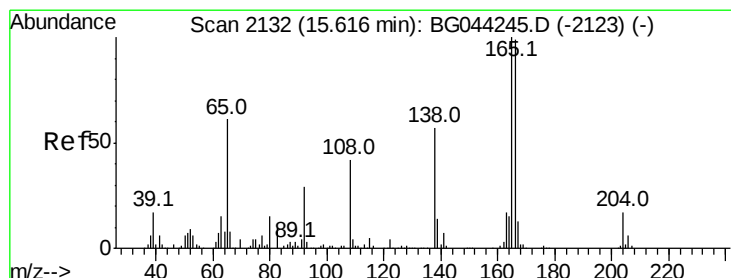
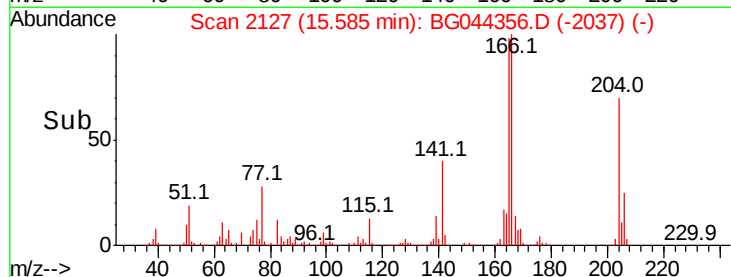
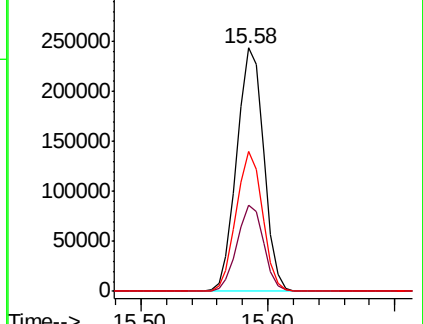
141 57.3 43.4 65.0



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 41.814 ng

RT: 15.61 min Scan# 2131

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

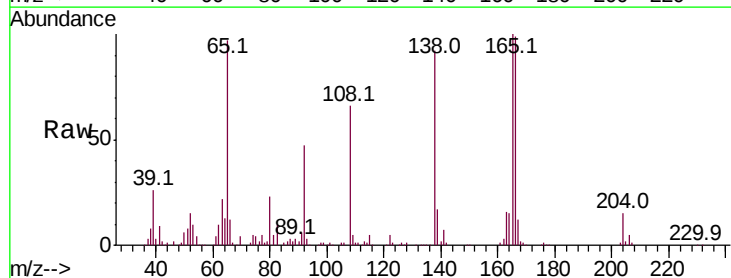
Tgt Ion:138 Resp: 186749

Ion Ratio Lower Upper

138 100

92 50.6 31.3 71.3

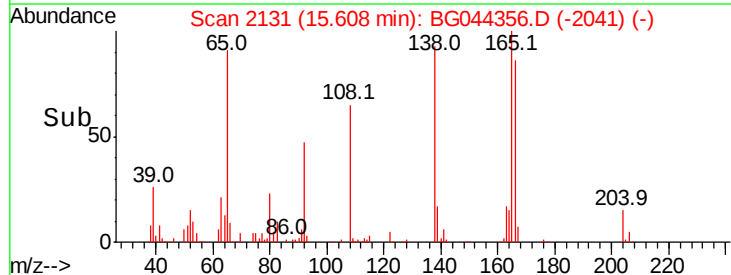
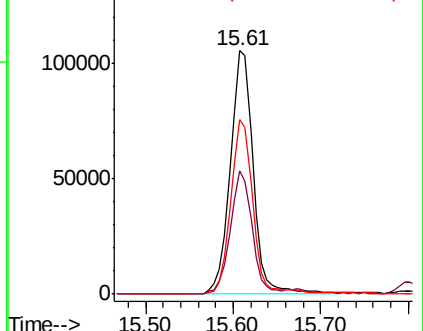
108 71.8 52.6 92.6

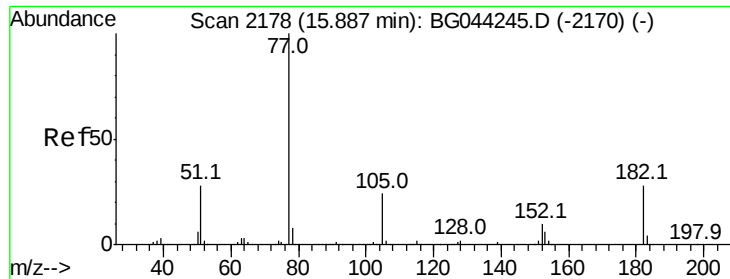


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.420 ng

RT: 15.88 min Scan# 2177

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 639578

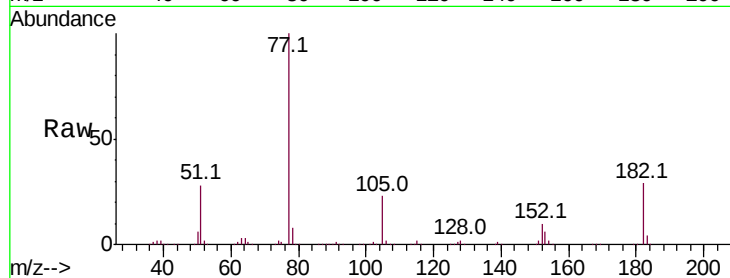
Ion Ratio Lower Upper

77 100

182 28.7 8.2 48.2

105 23.3 3.6 43.6

51 28.3 8.3 48.3

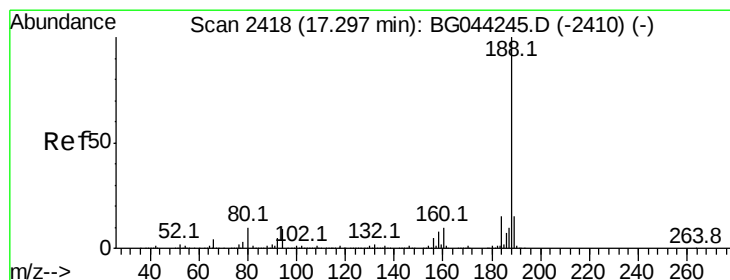
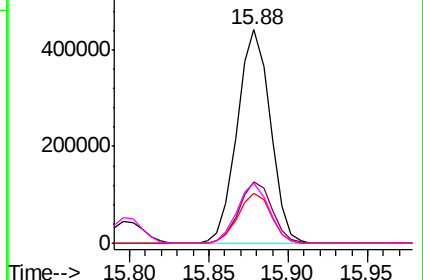
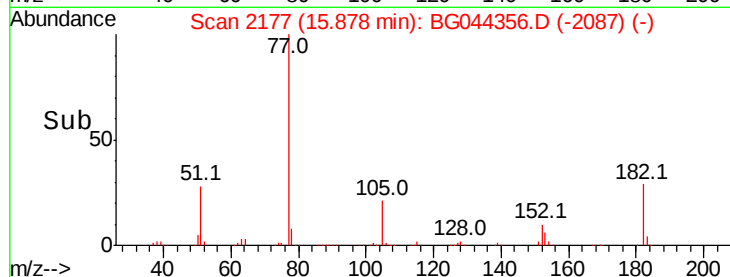


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.29 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

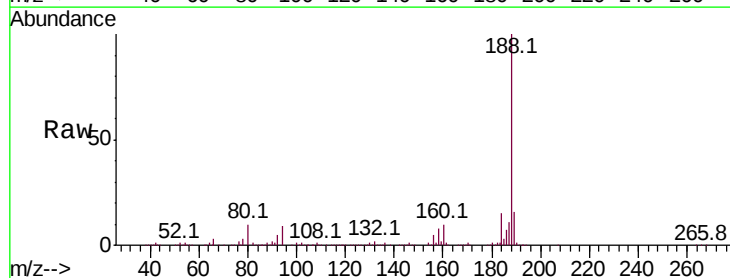
Tgt Ion: 188 Resp: 555150

Ion Ratio Lower Upper

188 100

94 8.9 7.4 11.2

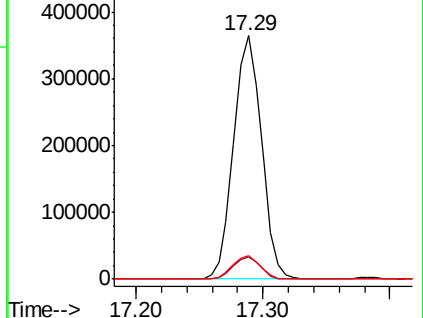
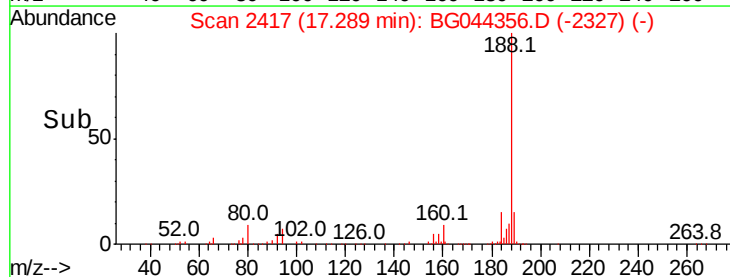
80 9.7 7.7 11.5

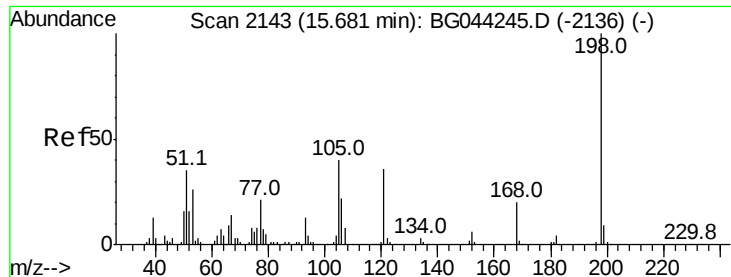


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.671 ng

RT: 15.67 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

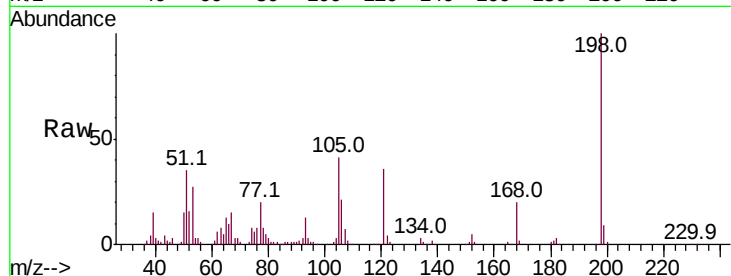
Tot Ion:198 Resp: 127696

Ion Ratio Lower Upper

198 100

51 35.2 16.6 56.6

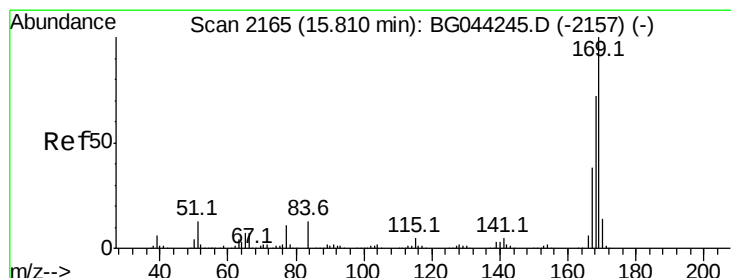
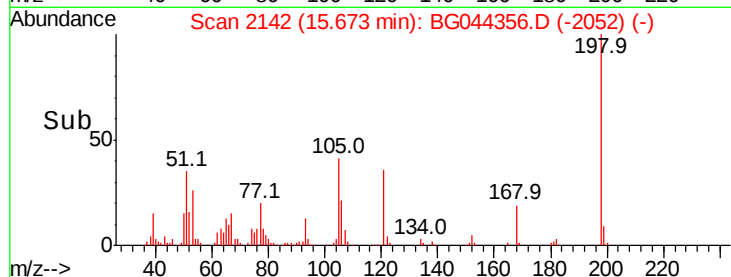
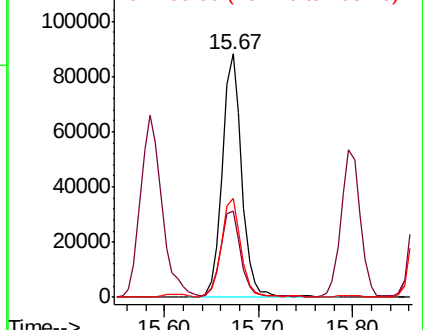
105 40.5 20.6 60.6



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: 40.104 ng

RT: 15.80 min Scan# 2164

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

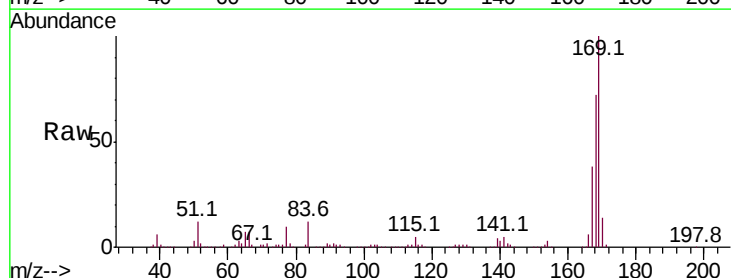
Tgt Ion:169 Resp: 623921

Ion Ratio Lower Upper

169 100

168 72.1 57.9 86.9

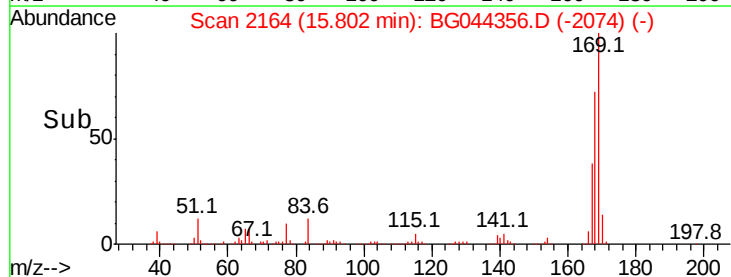
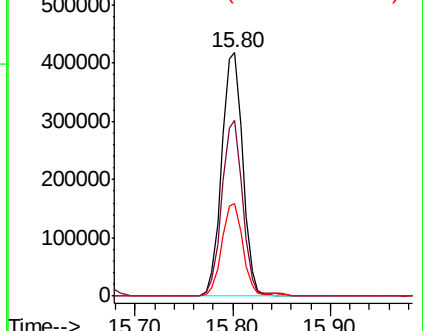
167 37.8 30.7 46.1

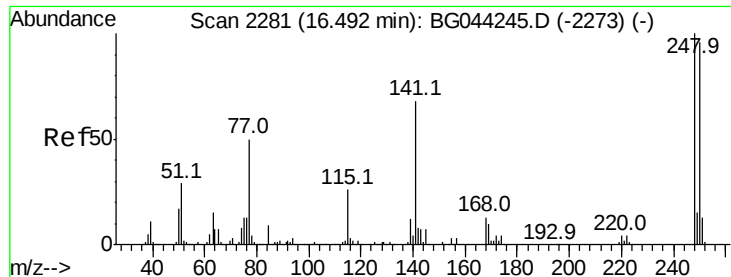


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

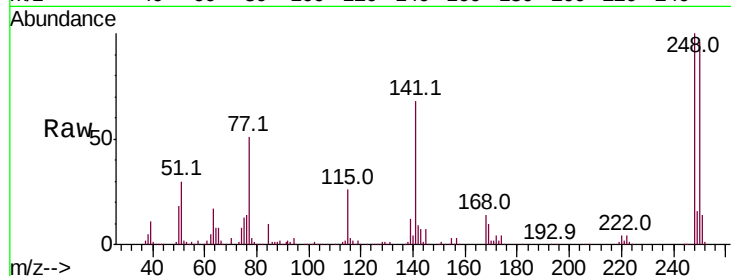




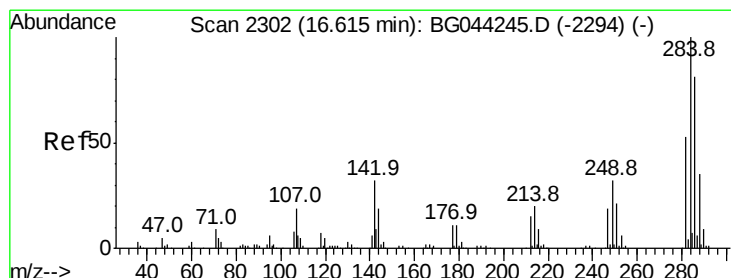
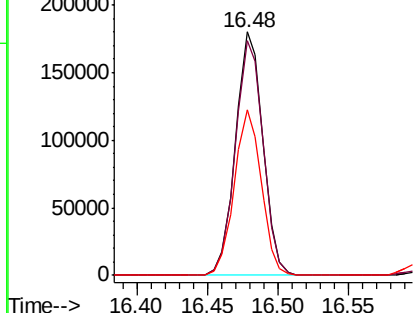
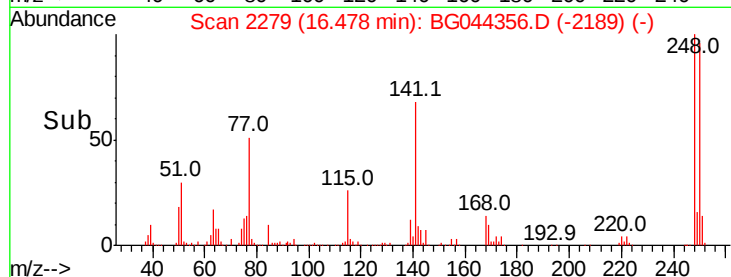
#67
 4-Bromophenyl-phenylether
 Concen: 40.278 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:248 Resp: 243616
 Ion Ratio Lower Upper
 248 100
 250 96.4 76.6 114.8
 141 68.1 54.7 82.1

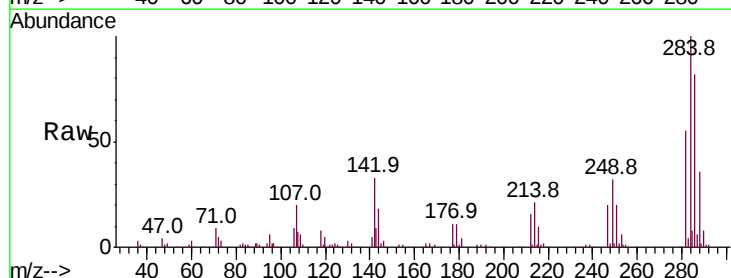


Abundance Ion 248.00 (247.70 to 248.70): E
 250000 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

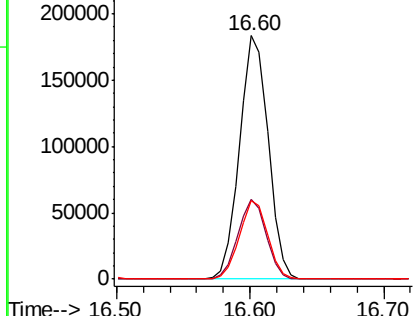
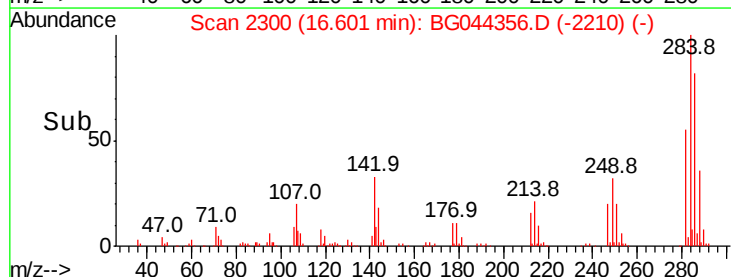


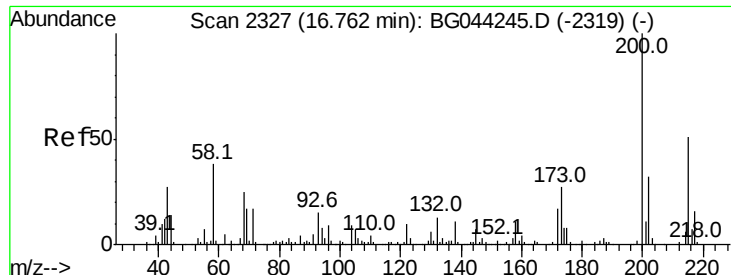
#68
 Hexachlorobenzene
 Concen: 40.121 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Tgt Ion:284 Resp: 271861
 Ion Ratio Lower Upper
 284 100
 142 32.8 25.3 37.9
 249 32.3 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
 250000 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

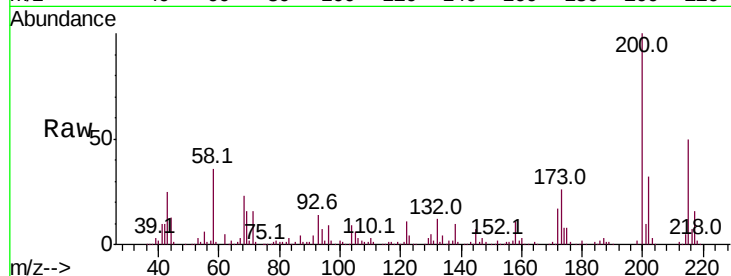




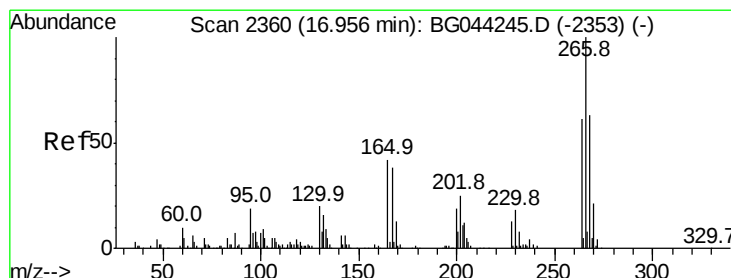
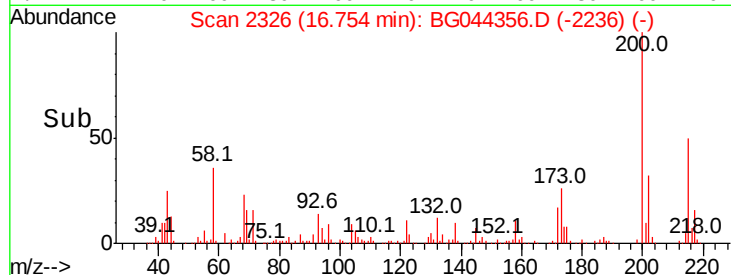
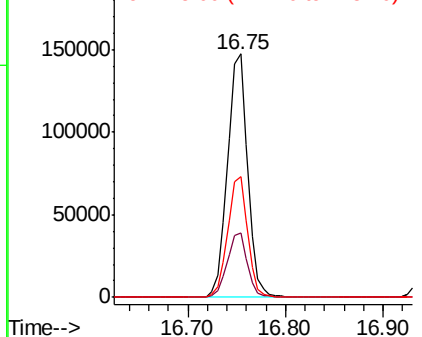
#69
Atrazine
Concen: 39.710 ng
RT: 16.75 min Scan# 2326
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:200 Resp: 211753
Ion Ratio Lower Upper
200 100
173 26.2 6.6 46.6
215 49.7 31.0 71.0

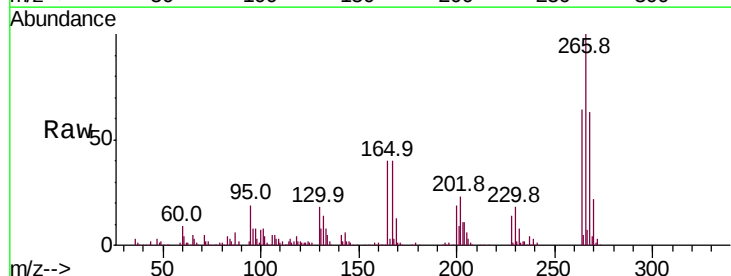


Abundance Ion 200.00 (199.70 to 200.70): E
200000
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

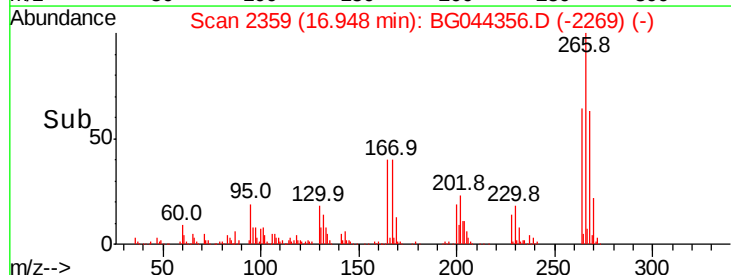
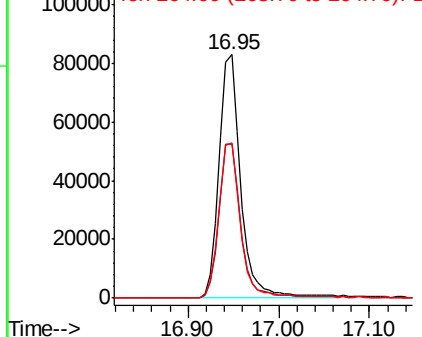


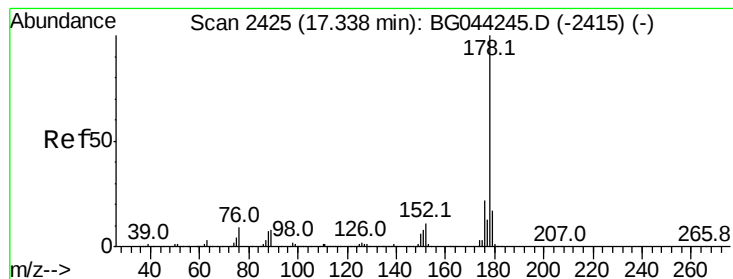
#70
Pentachlorophenol
Concen: 41.736 ng
RT: 16.95 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:266 Resp: 137650
Ion Ratio Lower Upper
266 100
268 63.3 50.6 75.8
264 63.6 48.7 73.1



Abundance Ion 265.70 (265.40 to 266.40): E
100000
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.792 ng

RT: 17.33 min Scan# 2424

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

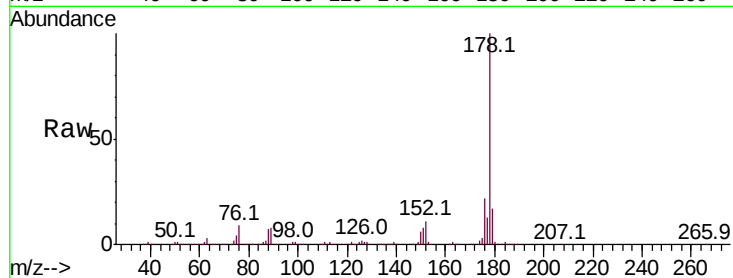
Tot Ion:178 Resp: 1096570

Ion Ratio Lower Upper

178 100

176 21.6 17.7 26.5

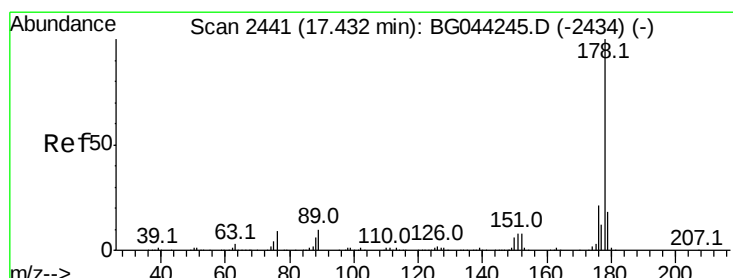
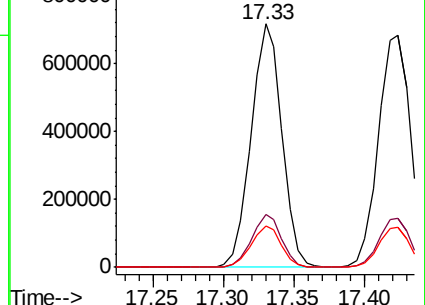
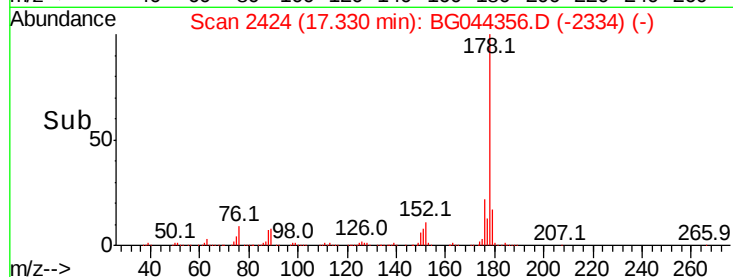
179 17.1 13.7 20.5



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: 41.141 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

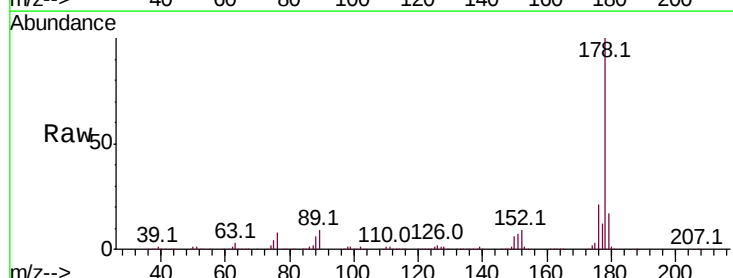
Tgt Ion:178 Resp: 1093427

Ion Ratio Lower Upper

178 100

176 21.3 17.0 25.4

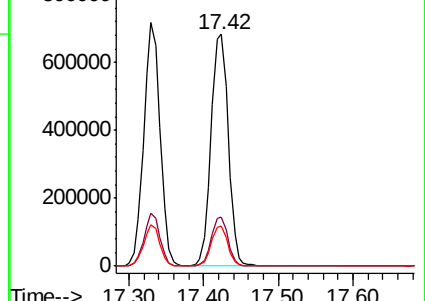
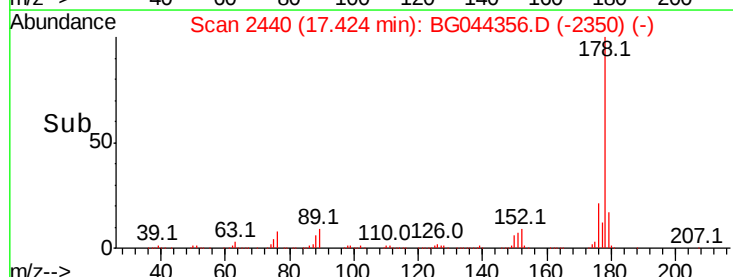
179 17.2 14.4 21.6

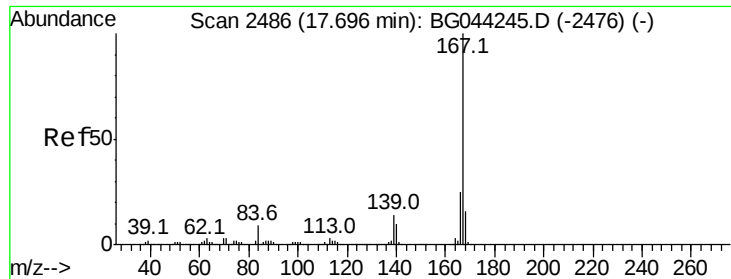


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

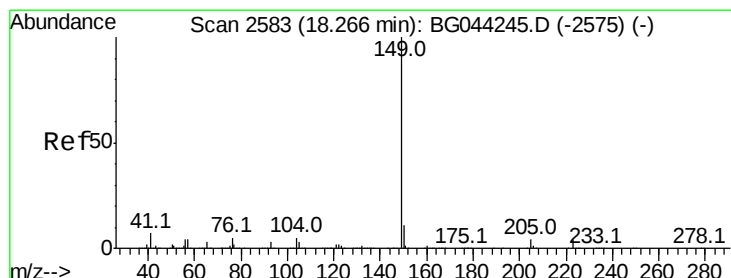
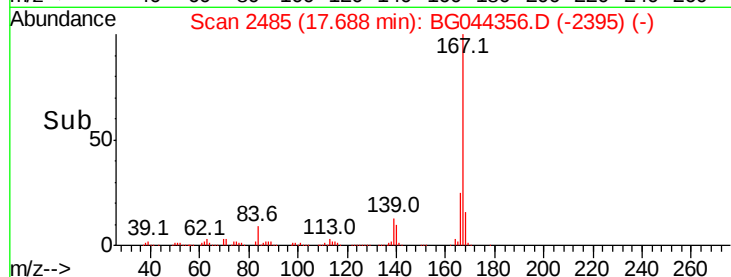
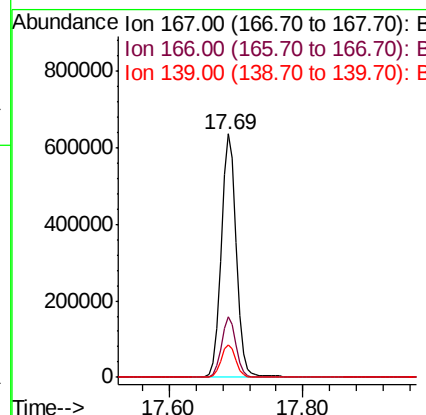
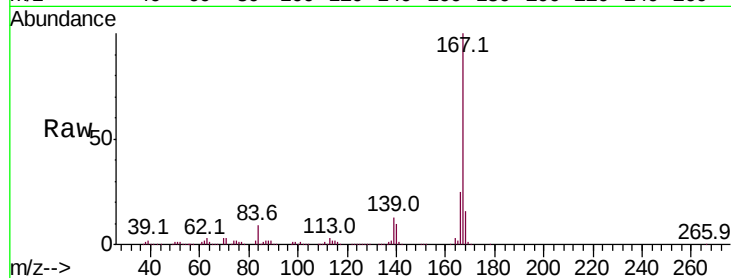




#73
 Carbazole
 Concen: 41.342 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

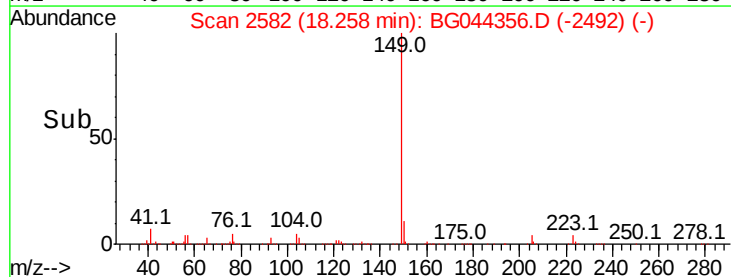
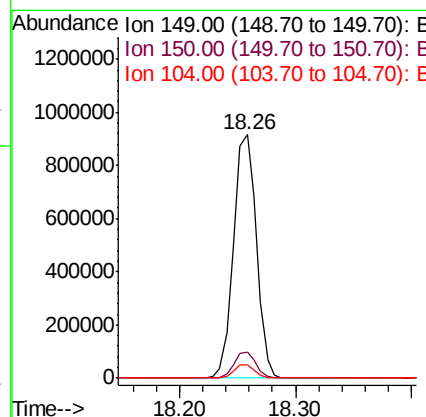
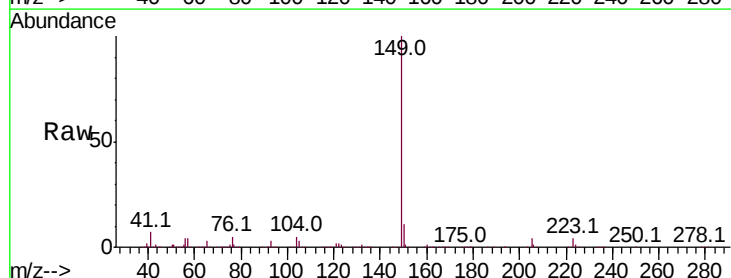
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

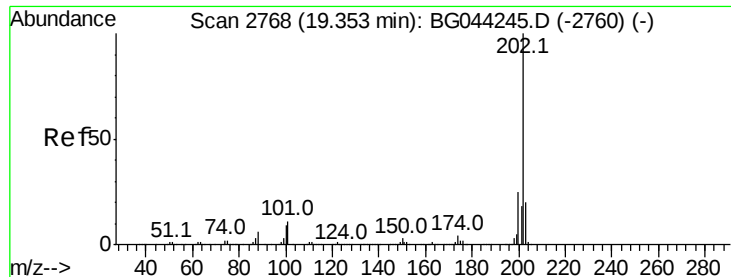
Tot Ion:167 Resp: 1012929
 Ion Ratio Lower Upper
 167 100
 166 24.8 19.8 29.6
 139 13.4 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 41.488 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Tgt Ion:149 Resp: 1256149
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.7 13.1
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 41.107 ng

RT: 19.34 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

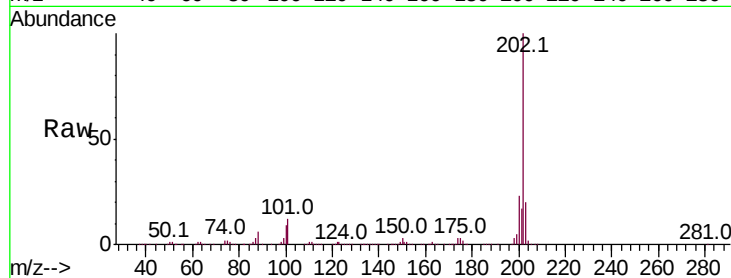
Tot Ion:202 Resp: 1278350

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

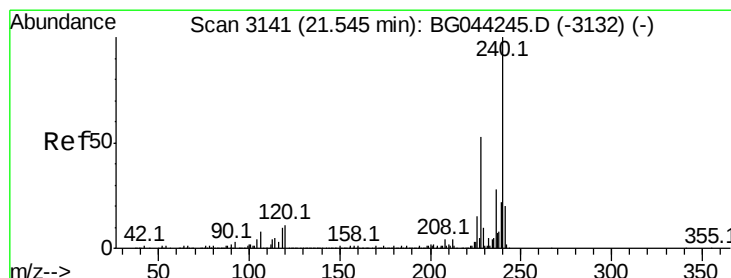
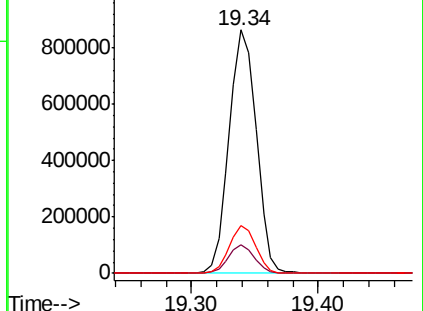
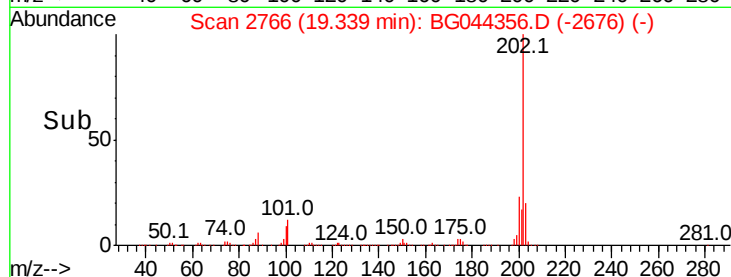
203 19.8 0.0 39.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

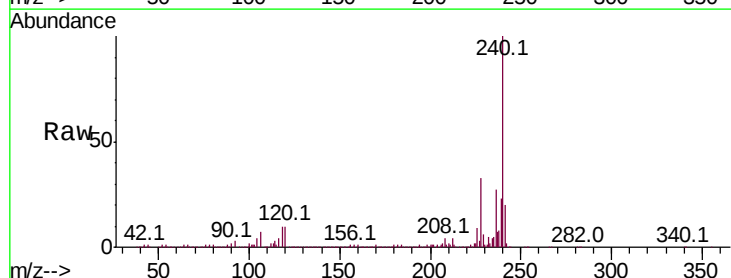
Tgt Ion:240 Resp: 488097

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

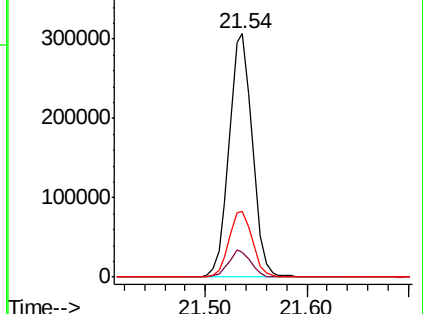
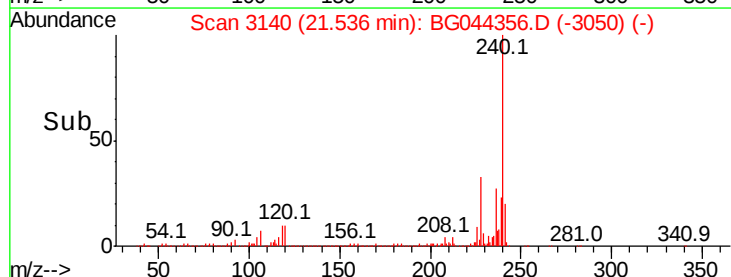
236 27.0 22.1 33.1

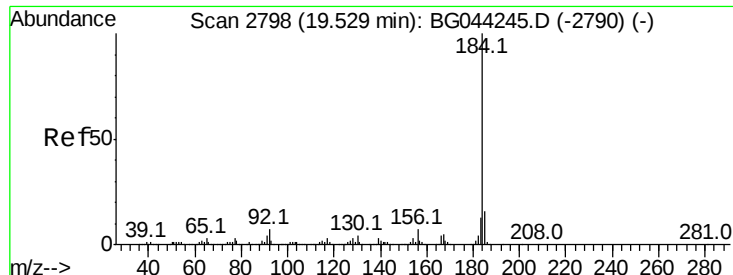


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.537 ng

RT: 19.52 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

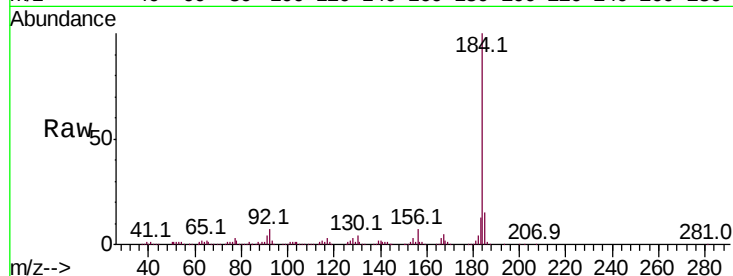
Tot Ion:184 Resp: 521742

Ion Ratio Lower Upper

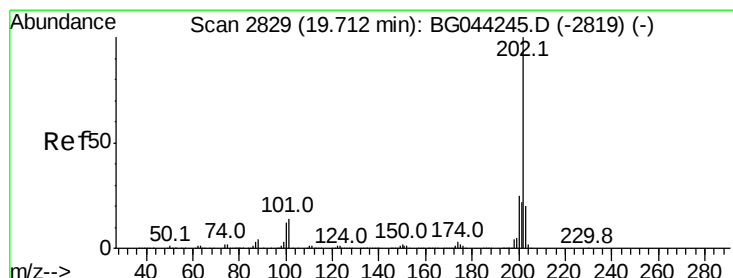
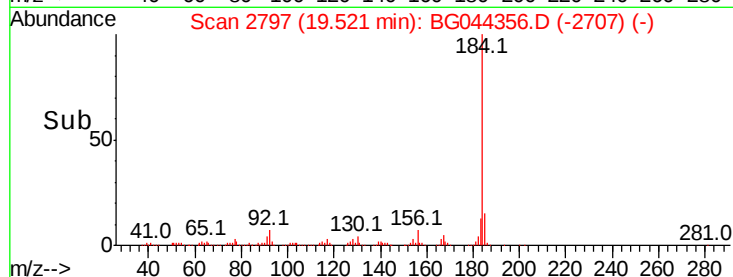
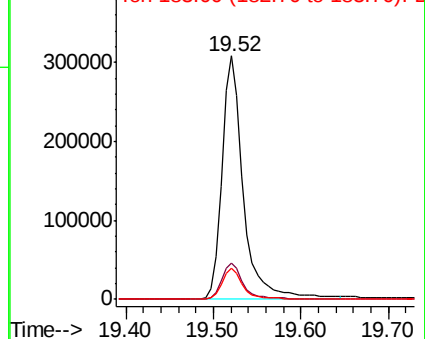
184 100

185 15.1 12.9 19.3

183 12.9 10.8 16.2



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



#78

Pyrene

Concen: 40.873 ng

RT: 19.70 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

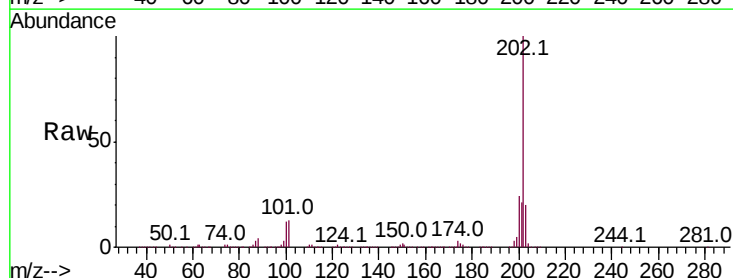
Tgt Ion:202 Resp: 1281196

Ion Ratio Lower Upper

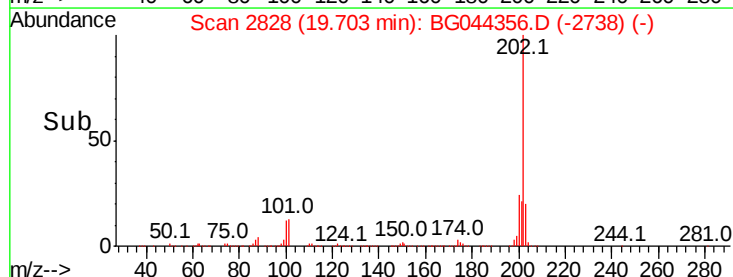
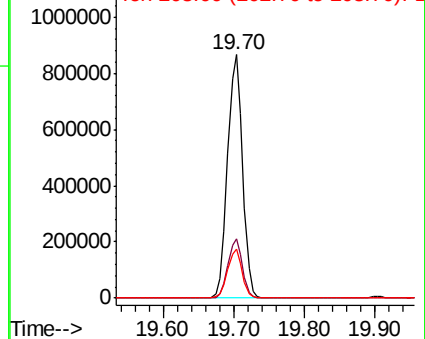
202 100

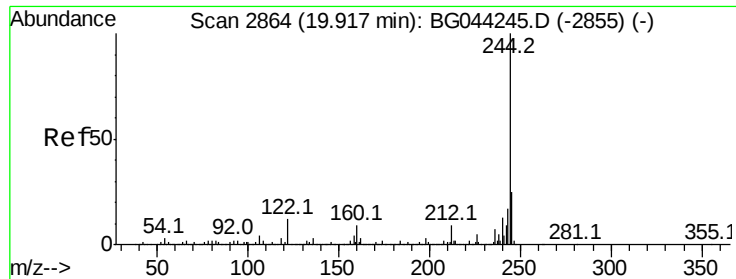
200 24.2 20.0 30.0

203 20.1 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: 78.838 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

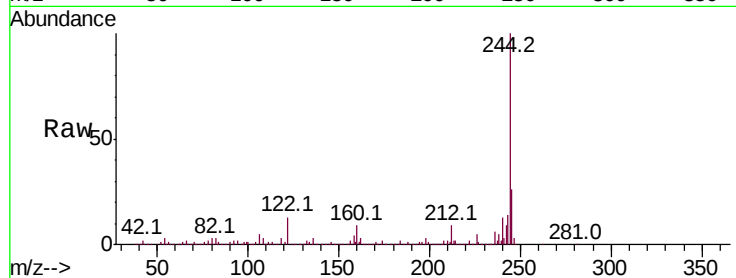
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1870830

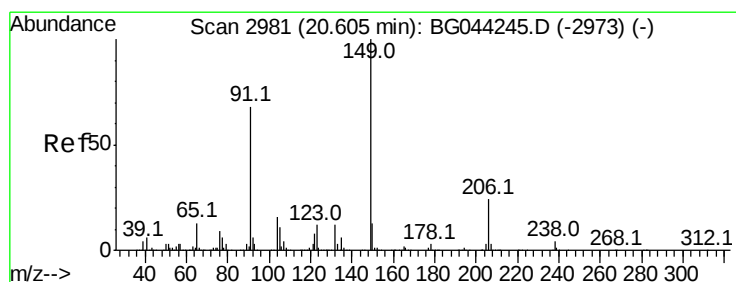
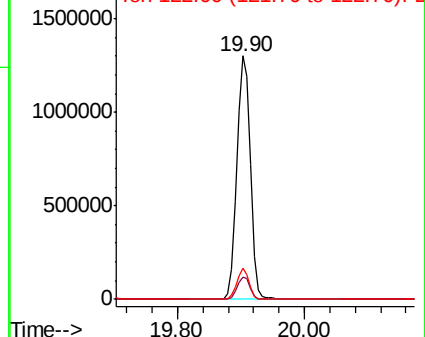
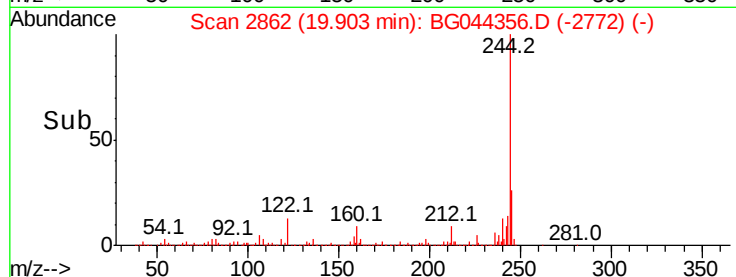
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.4	11.2
122	12.6	9.8	14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.272 ng

RT: 20.60 min Scan# 2980

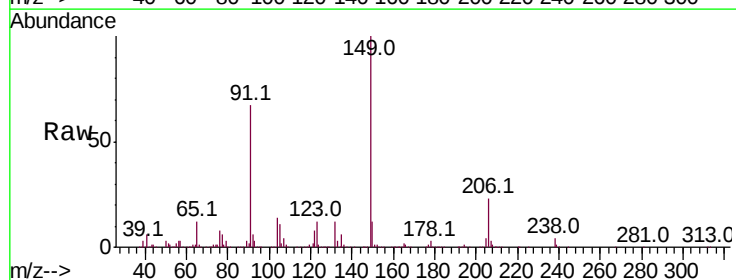
Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Tgt Ion:149 Resp: 575272

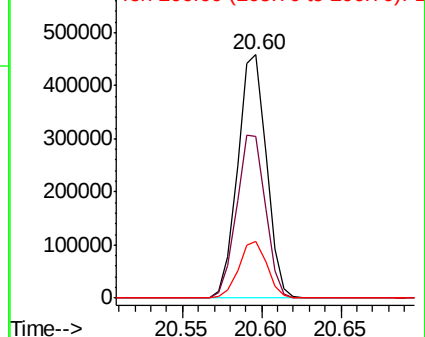
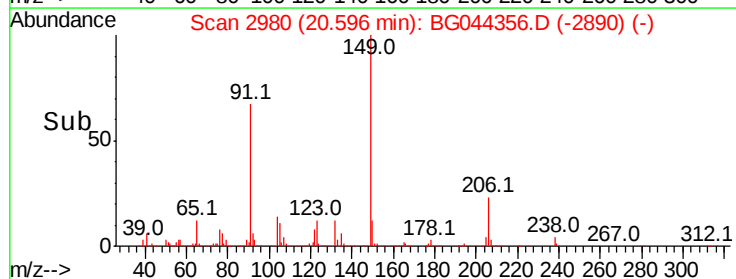
Ion	Ratio	Lower	Upper
149	100		
91	66.5	54.5	81.7
206	23.4	19.1	28.7

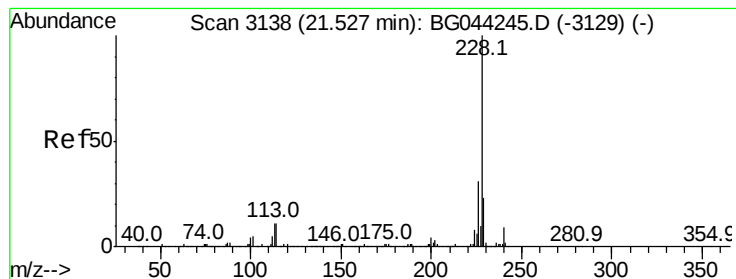


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.729 ng

RT: 21.51 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

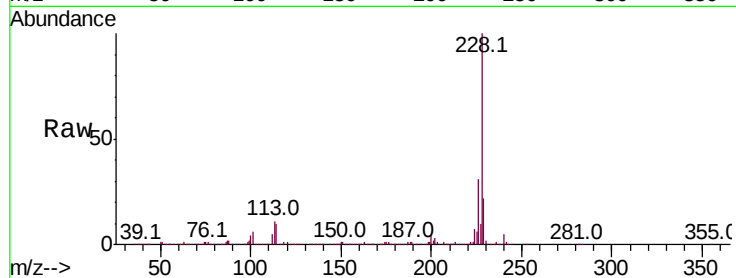
Tot Ion:228 Resp: 1225214

Ion Ratio Lower Upper

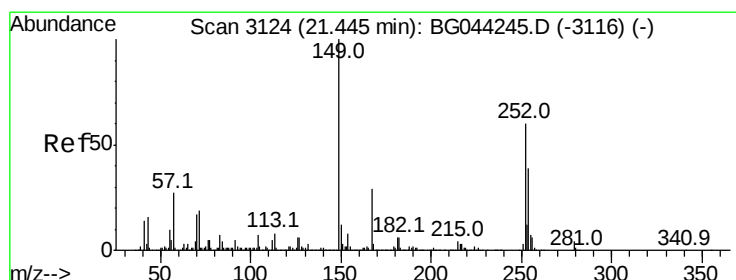
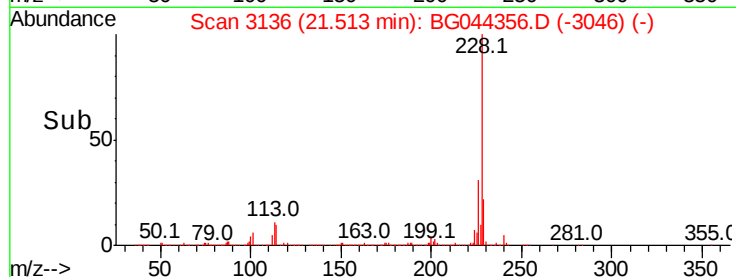
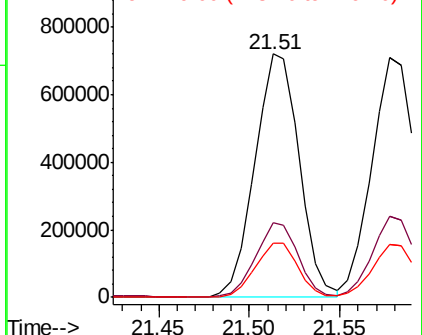
228 100

226 30.7 24.7 37.1

229 22.5 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: 41.353 ng

RT: 21.44 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

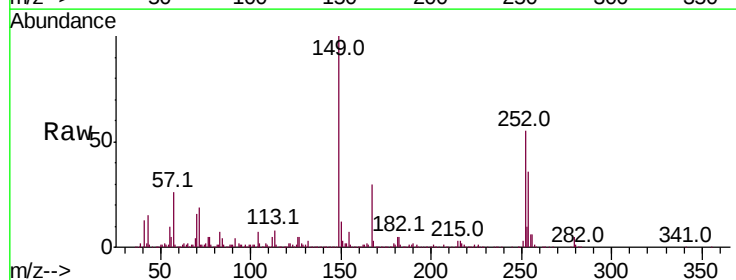
Tgt Ion:252 Resp: 482804

Ion Ratio Lower Upper

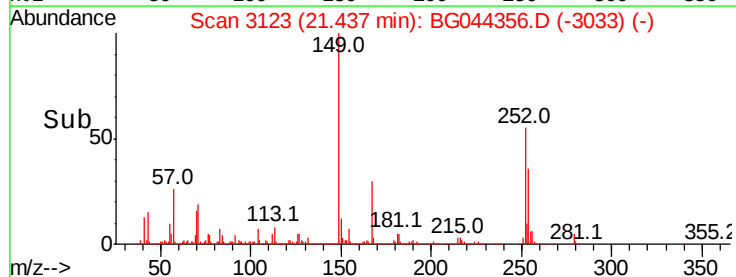
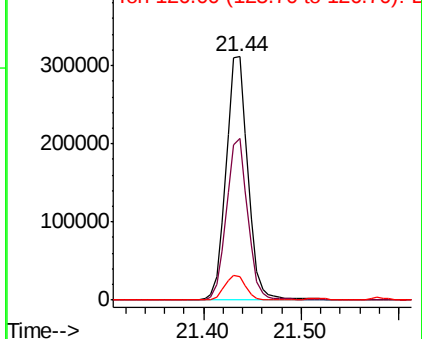
252 100

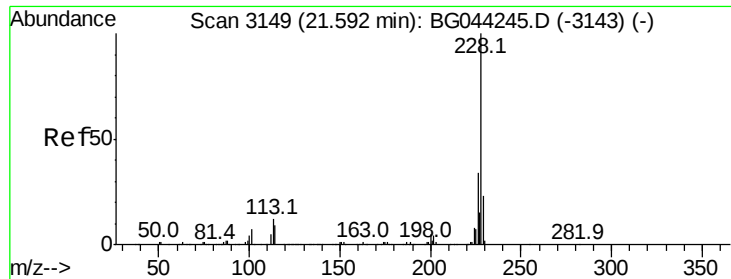
254 66.4 52.6 78.8

126 9.6 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

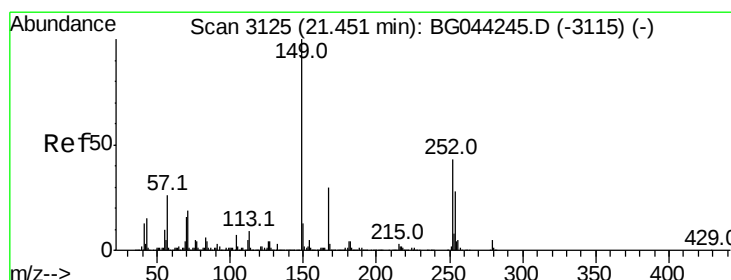
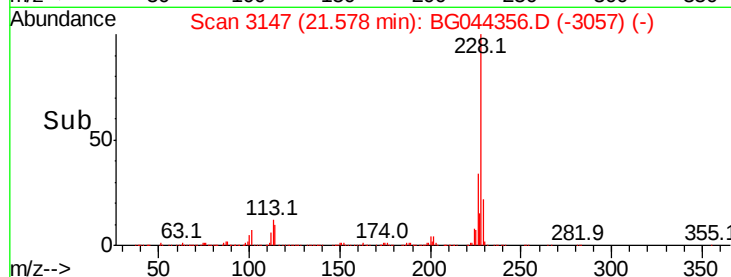
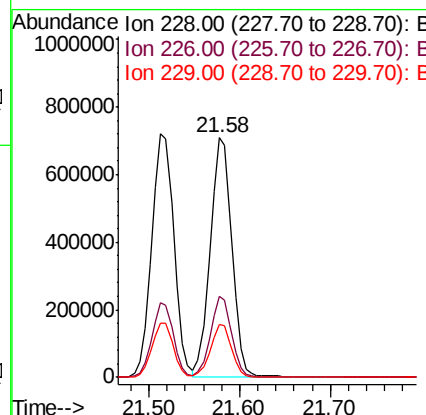
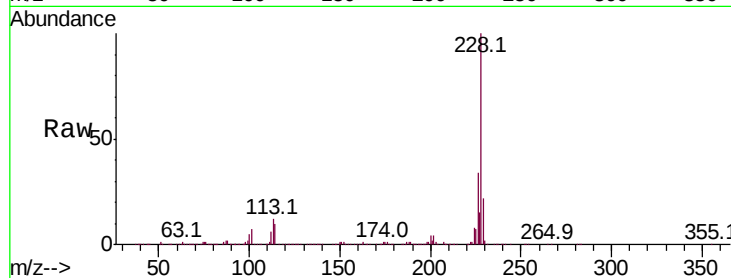




#83
 Chrvsene
 Concen: 40.664 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

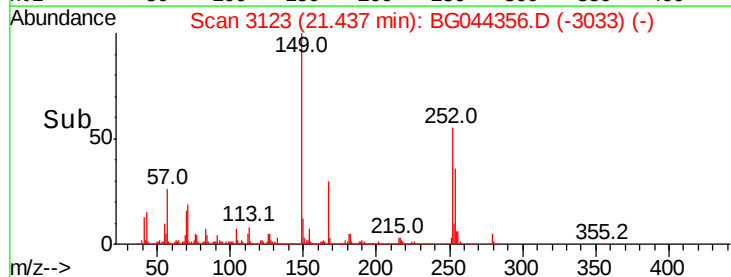
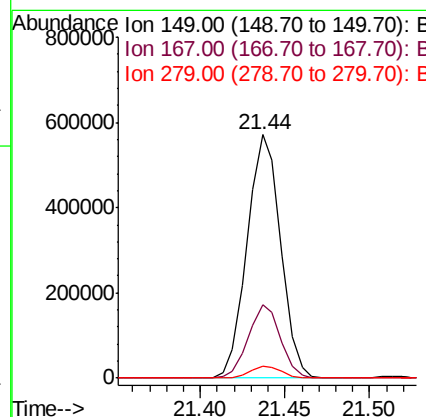
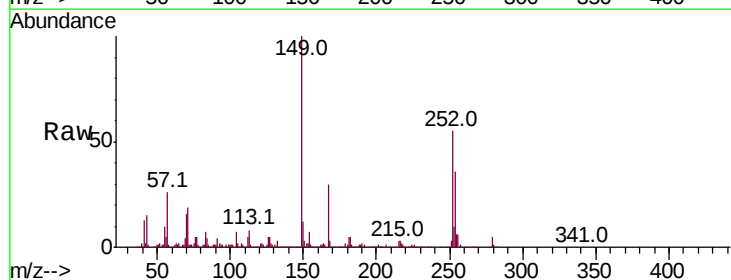
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

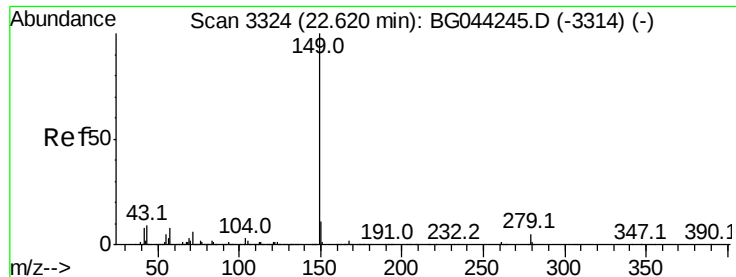
Tot Ion:228 Resp: 1182380
 Ion Ratio Lower Upper
 228 100
 226 33.9 27.1 40.7
 229 22.2 17.9 26.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.118 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044356.D
 Acq: 10 Feb 2020 13:20

Tgt Ion:149 Resp: 788779
 Ion Ratio Lower Upper
 149 100
 167 30.0 24.0 36.0
 279 4.7 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 40.503 ng

RT: 22.61 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

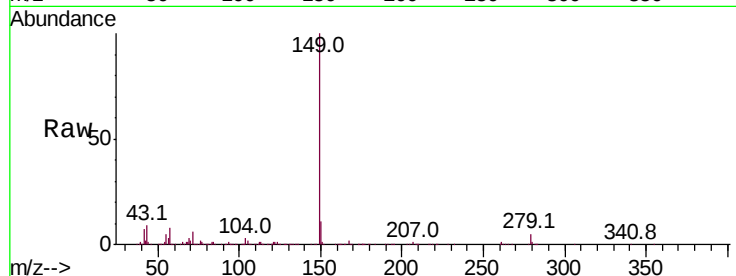
Tot Ion:149 Resp: 1377863

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

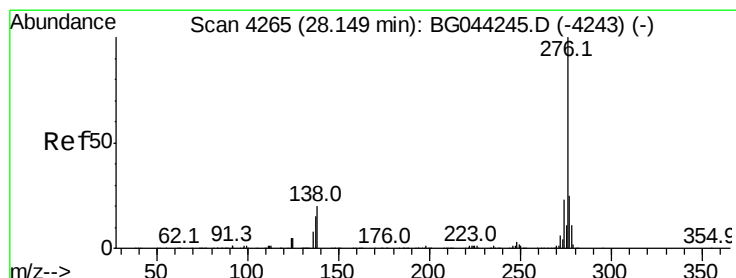
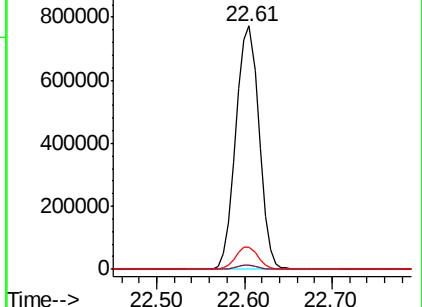
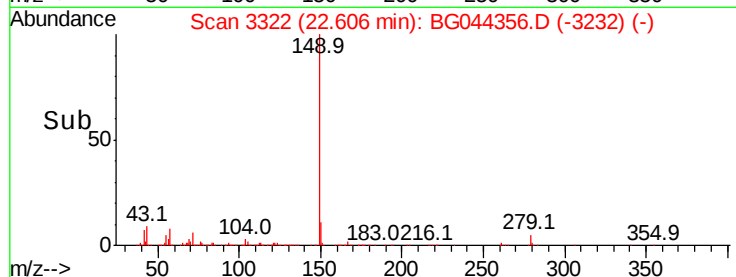
43 9.0 7.4 11.0



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: 39.850 ng

RT: 28.12 min Scan# 4260

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

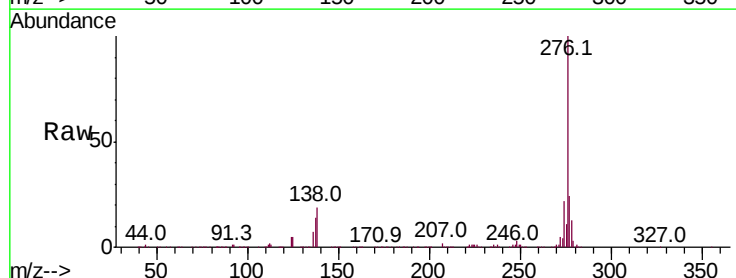
Tgt Ion:276 Resp: 1511712

Ion Ratio Lower Upper

276 100

138 15.4 19.4 29.0#

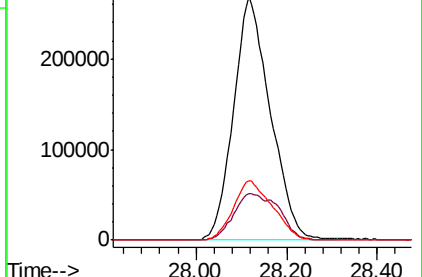
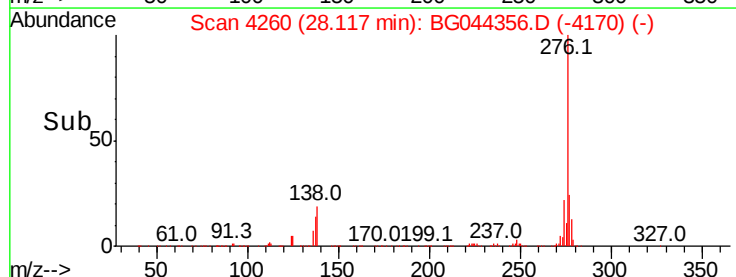
277 26.0 21.0 31.6

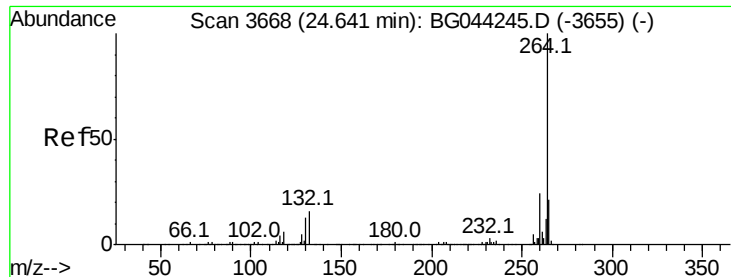


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



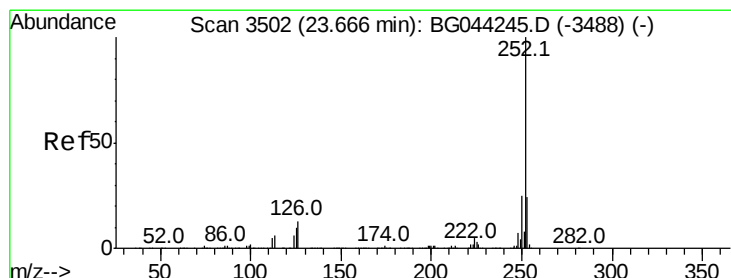
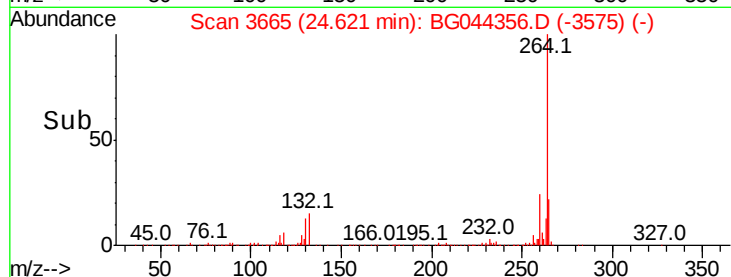
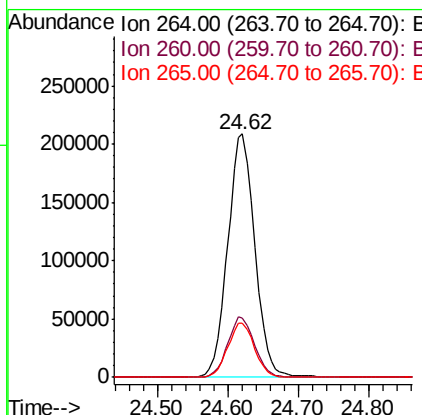
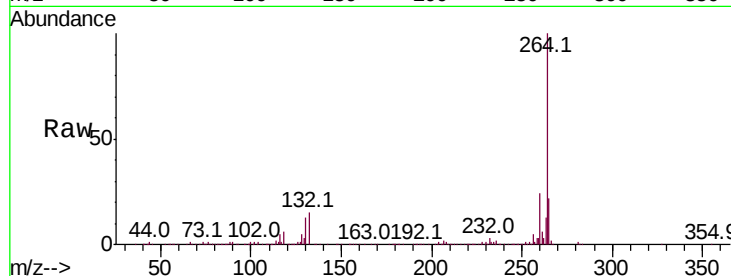


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3665
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 557151

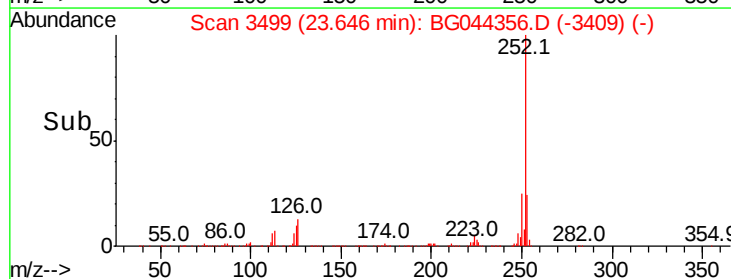
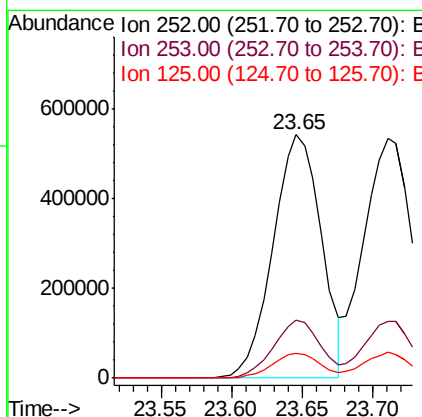
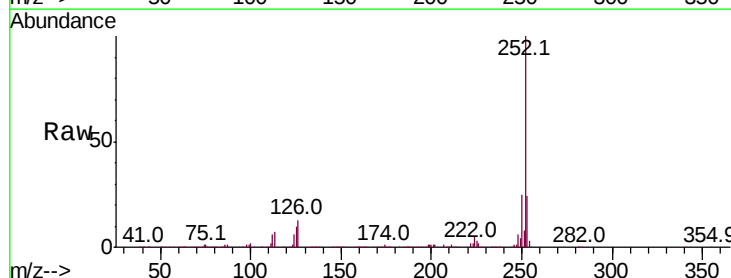
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.4	16.7	25.1

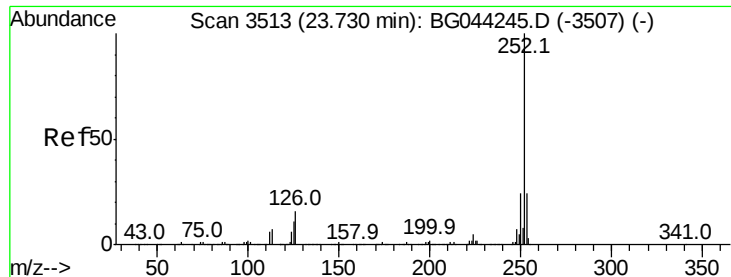


#88
Benzo(b)fluoranthene
Concen: 40.299 ng
RT: 23.65 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BG044356.D
Acq: 10 Feb 2020 13:20

Tgt Ion:252 Resp: 1293799

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	10.2	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 41.452 ng

RT: 23.71 min Scan# 3510

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

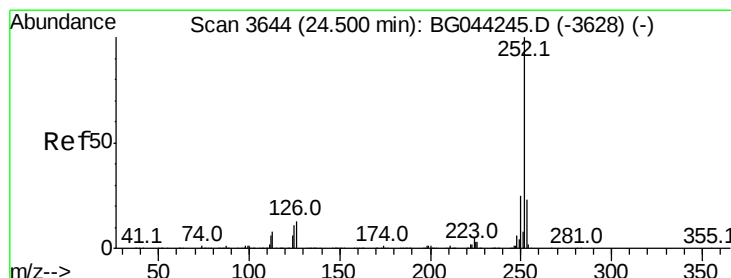
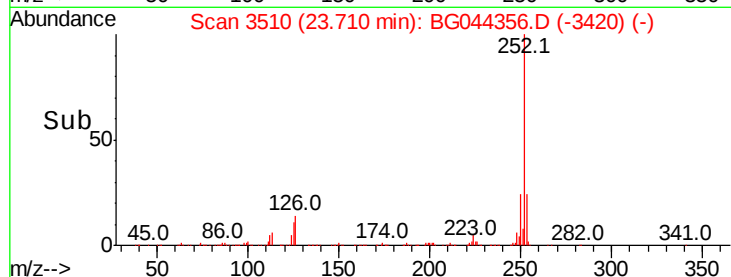
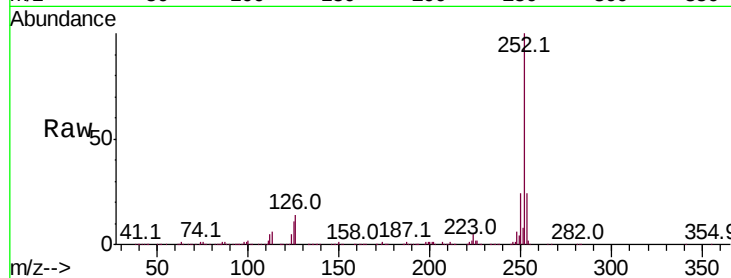
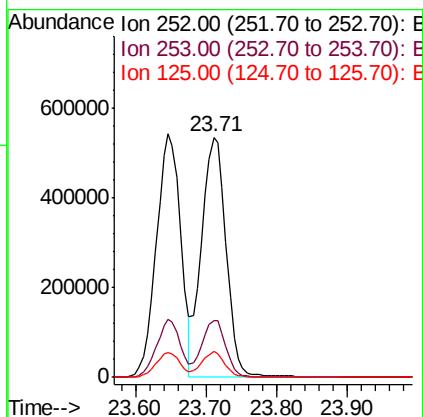
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1297058

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.1	28.7
125	10.8	8.6	12.8



#90

Benzo(a)pyrene

Concen: 41.079 ng

RT: 24.47 min Scan# 3640

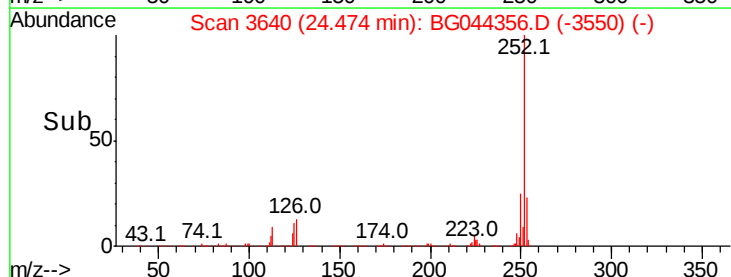
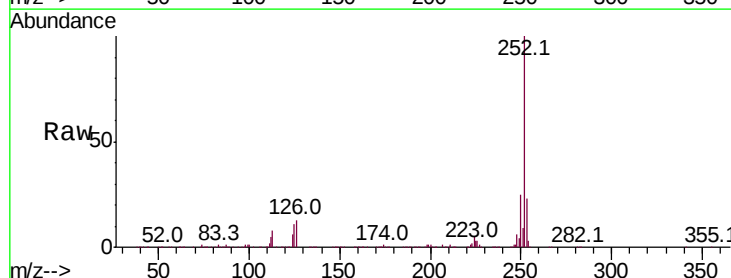
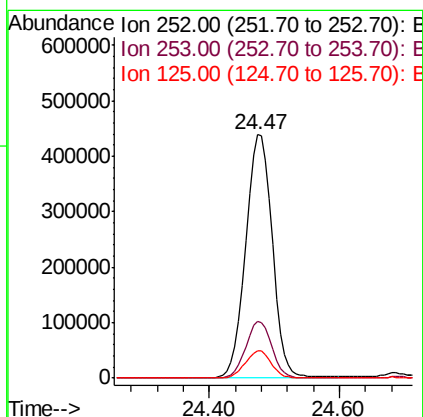
Delta R.T. 0.00 min

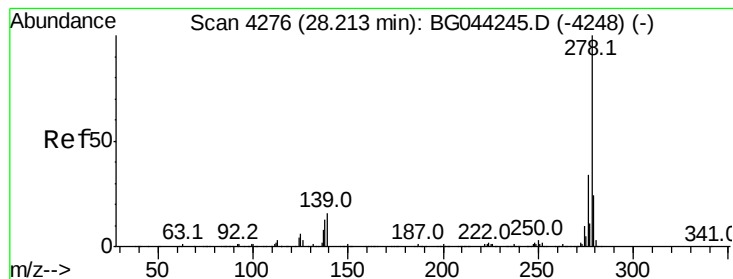
Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Tgt Ion:252 Resp: 1246951

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	11.4	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 40.567 ng

RT: 28.18 min Scan# 4270

Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Instrument :

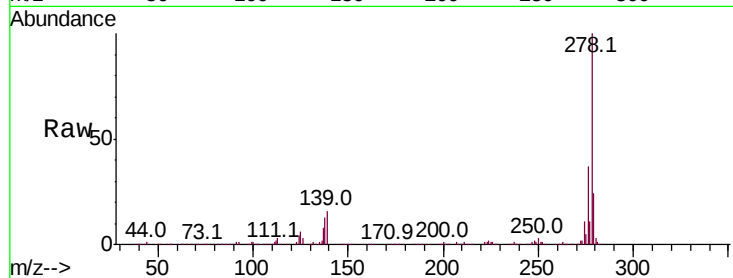
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1218688

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.7	19.1
279	24.5	19.3	28.9

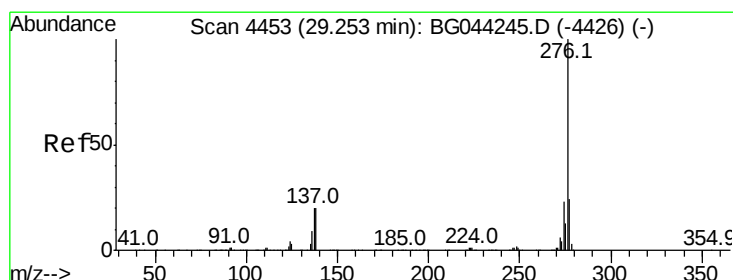
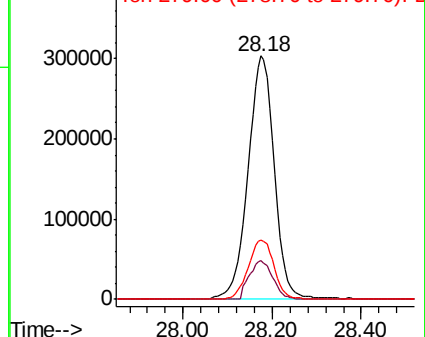
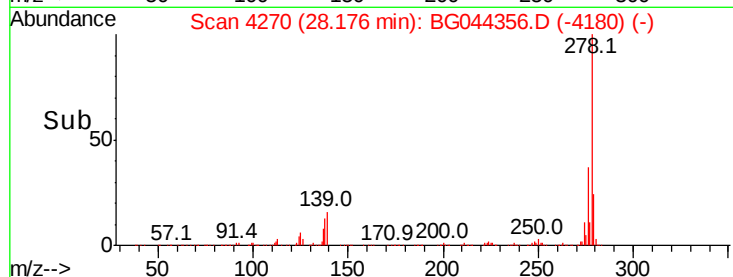


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.578 ng

RT: 29.20 min Scan# 4445

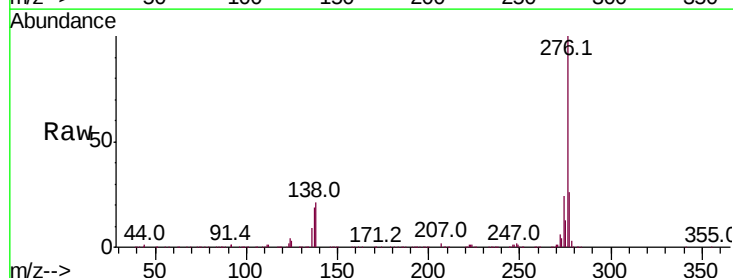
Delta R.T. 0.00 min

Lab File: BG044356.D

Acq: 10 Feb 2020 13:20

Tgt Ion:276 Resp: 1220330

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.8	28.2
138	20.8	16.2	24.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

