

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051520\
 Data File : BG045394.D
 Acq On : 15 May 2020 12:27
 Operator : CG/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

Quant Time: May 15 13:11:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 13:09:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	63357	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	254392	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	175046	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	440038	20.00	ng	0.00
76) Chrysene-d12	21.62	240	438948	20.00	ng	0.00
87) Perylene-d12	24.78	264	483393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	265920	69.29	ng	0.00
7) Phenol-d6	7.14	99	379100	66.49	ng	0.00
23) Nitrobenzene-d5	9.13	82	377884	67.78	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	183454	67.84	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	850536	71.25	ng	0.00
79) Terphenyl-d14	19.98	244	1564206	77.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	64196	37.641	ng	100
3) Pyridine	3.82	79	186493	35.515	ng	100
4) n-Nitrosodimethylamine	3.73	42	59619	37.062	ng	100
6) Aniline	7.29	93	242878	32.762	ng	100
8) 2-Chlorophenol	7.53	128	143981	34.910	ng	100
9) Benzaldehyde	7.09	77	125505	37.147	ng	100
10) Phenol	7.16	94	196300	34.405	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	154470	34.004	ng	100
12) 1,3-Dichlorobenzene	7.86	146	172606	35.515	ng	100
13) 1,4-Dichlorobenzene	8.00	146	171587	35.432	ng	100
14) 1,2-Dichlorobenzene	8.32	146	162331	35.038	ng	100
15) Benzyl Alcohol	8.20	79	155888	32.610	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.50	45	141044	31.630	ng	100
17) 2-Methylphenol	8.42	107	147012	33.395	ng	100
18) Hexachloroethane	9.05	117	66376	36.460	ng	100
19) n-Nitroso-di-n-propylamine	8.77	70	130570	32.381	ng	100
20) 3+4-Methylphenols	8.74	107	199974	32.454	ng	100
22) Acetophenone	8.79	105	242848	35.301	ng	100
24) Nitrobenzene	9.17	77	197119	34.492	ng	100
25) Isophorone	9.69	82	374830	32.830	ng	100
26) 2-Nitrophenol	9.88	139	85732	34.827	ng	100
27) 2,4-Dimethylphenol	9.95	122	129158	33.067	ng	100
28) bis(2-Chloroethoxy)methane	10.18	93	192129	32.028	ng	100
29) 2,4-Dichlorophenol	10.42	162	148627	32.954	ng	100
30) 1,2,4-Trichlorobenzene	10.64	180	176815	34.626	ng	100
31) Naphthalene	10.82	128	475571	34.173	ng	100
32) Benzoic acid	10.10	122	72223	24.653	ng	100
33) 4-Chloroaniline	10.93	127	202777	31.244	ng	100
34) Hexachlorobutadiene	11.12	225	124915	35.679	ng	100
35) Caprolactam	11.69	113	56960	31.732	ng	100
36) 4-Chloro-3-methylphenol	12.06	107	170438	32.169	ng	100
37) 2-Methylnaphthalene	12.43	142	357439	33.091	ng	100
38) 1-Methylnaphthalene	12.65	142	339144	33.258	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	194418	34.496	ng	100

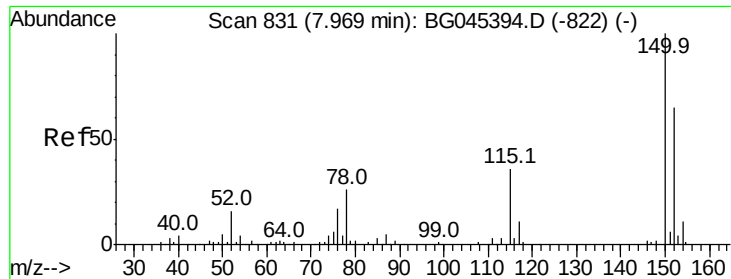
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG051520\
 Data File : BG045394.D
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 Operator : CG/JU
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	113701	32.278	ng	100
43) 2,4,6-Trichlorophenol	13.04	196	137892	34.666	ng	100
44) 2,4,5-Trichlorophenol	13.12	196	158353	34.975	ng	100
46) 1,1'-Biphenyl	13.44	154	434497	32.657	ng	100
47) 2-Chloronaphthalene	13.49	162	349578	34.386	ng	100
48) 2-Nitroaniline	13.68	65	120280	35.960	ng	100
49) Acenaphthylene	14.33	152	569748	34.407	ng	100
50) Dimethylphthalate	14.06	163	498820	34.997	ng	100
51) 2,6-Dinitrotoluene	14.18	165	112226	35.203	ng	100
52) Acenaphthene	14.67	154	348850	31.136	ng	100
53) 3-Nitroaniline	14.51	138	111852	31.990	ng	100
54) 2,4-Dinitrophenol	14.72	184	66431	35.043	ng	100
55) Dibenzofuran	15.01	168	575041	35.204	ng	100
56) 4-Nitrophenol	14.84	139	89101	32.866	ng	100
57) 2,4-Dinitrotoluene	14.97	165	159787	34.297	ng	100
58) Fluorene	15.66	166	470702	35.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.24	232	140248	34.813	ng	100
60) Diethylphthalate	15.43	149	517672	34.836	ng	100
61) 4-Chlorophenyl-phenylether	15.65	204	268693	34.988	ng	100
62) 4-Nitroaniline	15.68	138	119984	33.085	ng	100
63) Azobenzene	15.95	77	479321	34.985	ng	100
65) 4,6-Dinitro-2-methylphenol	15.74	198	105831	36.589	ng	100
66) n-Nitrosodiphenylamine	15.86	169	419658	33.193	ng	100
67) 4-Bromophenyl-phenylether	16.55	248	190687	33.590	ng	100
68) Hexachlorobenzene	16.68	284	199930	33.958	ng	100
69) Atrazine	16.82	200	176923	35.010	ng	100
70) Pentachlorophenol	17.02	266	106734	29.551	ng	100
71) Phenanthrene	17.40	178	781537	34.562	ng	100
72) Anthracene	17.49	178	782907	34.516	ng	100
73) Carbazole	17.76	167	771276	33.507	ng	100
74) Di-n-butylphthalate	18.33	149	940304	34.836	ng	100
75) Fluoranthene	19.41	202	1017513	35.451	ng	100
77) Benzidine	19.59	184	514154	36.398	ng	100
78) Pyrene	19.78	202	1031118	34.074	ng	100
80) Butylbenzylphthalate	20.66	149	447031	35.638	ng	100
81) Benzo(a)anthracene	21.60	228	983658	34.575	ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	388897	34.343	ng	100
83) Chrysene	21.67	228	963950	35.264	ng	100
84) Bis(2-ethylhexyl)phthalate	21.52	149	601890	34.888	ng	100
85) Di-n-octyl phthalate	22.71	149	1028028	34.460	ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1218303	33.569	ng	100
88) Benzo(b)fluoranthene	23.78	252	1058722	34.965	ng	100
89) Benzo(k)fluoranthene	23.85	252	981972	34.101	ng	100
90) Benzo(a)pyrene	24.64	252	973037	34.036	ng	100
91) Dibenzo(a,h)anthracene	28.43	278	963153	33.435	ng	100
92) Benzo(g,h,i)perylene	29.49	276	970793	33.614	ng	100

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

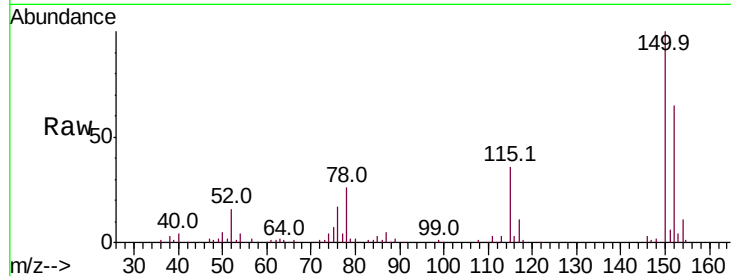


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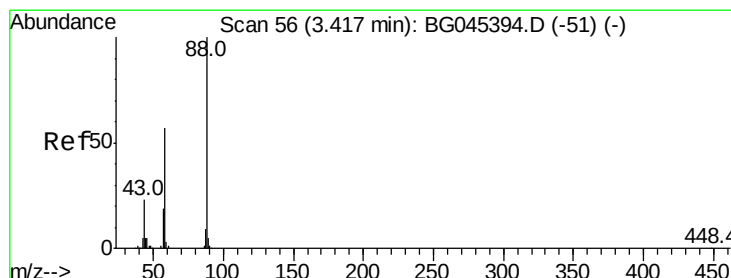
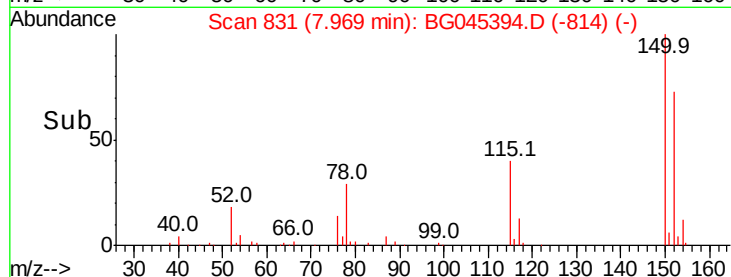
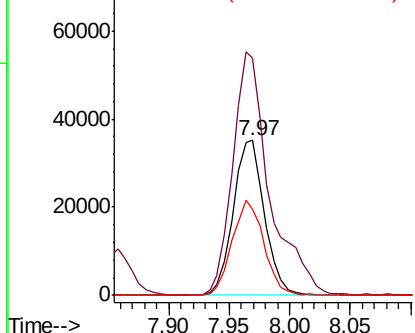
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:152 Resp: 63357
Ion Ratio Lower Upper
152 100
150 153.0 122.4 183.6
115 55.3 44.2 66.4



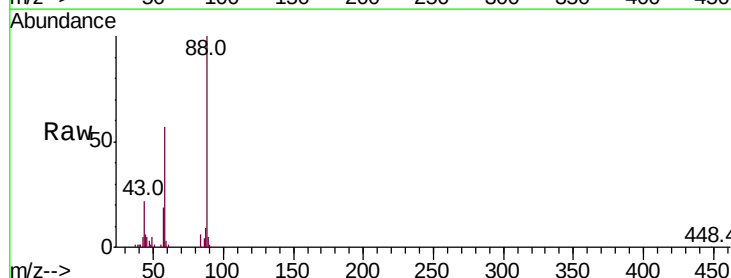
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



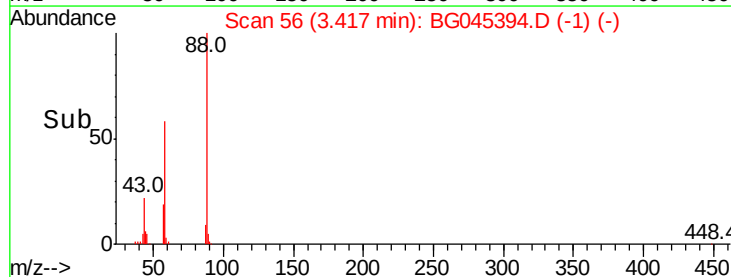
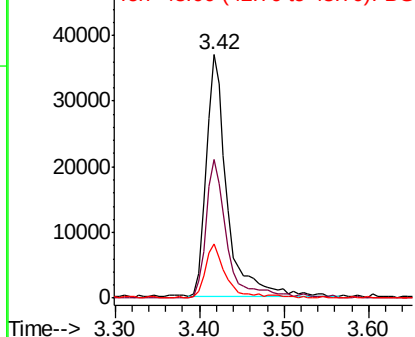
#2

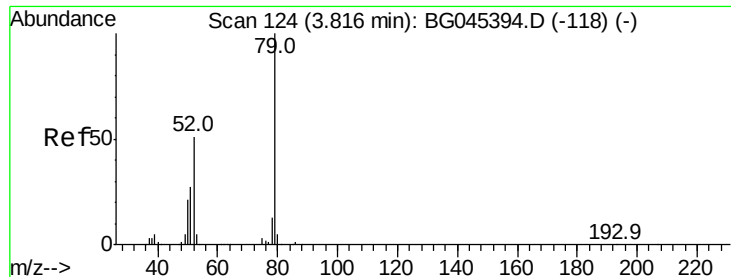
1,4-Dioxane
Concen: 37.641 ng
RT: 3.42 min Scan# 56
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion: 88 Resp: 64196
Ion Ratio Lower Upper
88 100
58 57.1 45.7 68.5
43 21.0 16.8 25.2



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





#3

Pvridine

Concen: 35.515 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

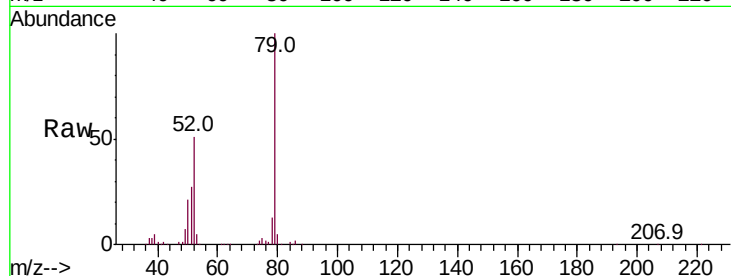
Tot Ion: 79 Resp: 186493

Ion Ratio Lower Upper

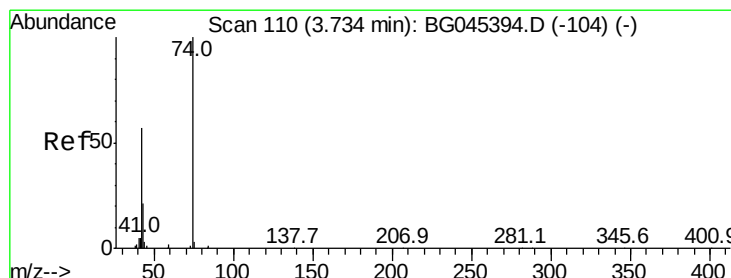
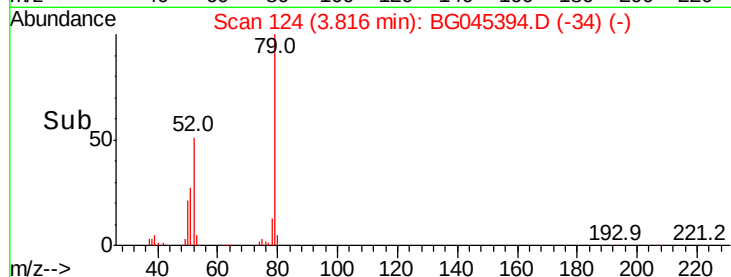
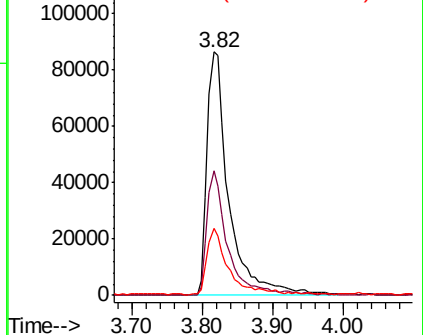
79 100

52 51.0 40.8 61.2

51 27.4 21.9 32.9



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: 37.062 ng

RT: 3.73 min Scan# 110

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

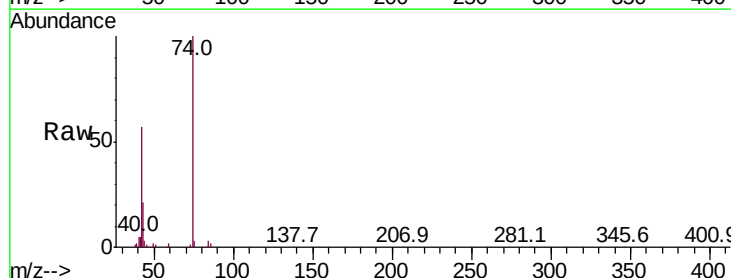
Tgt Ion: 42 Resp: 59619

Ion Ratio Lower Upper

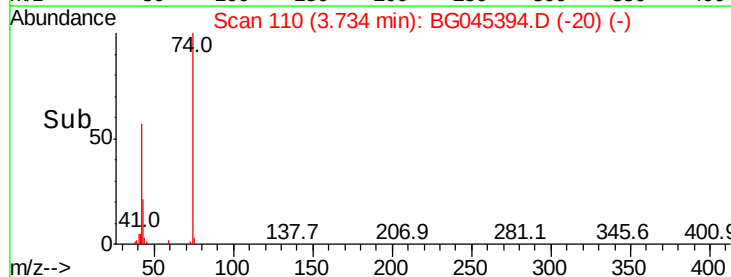
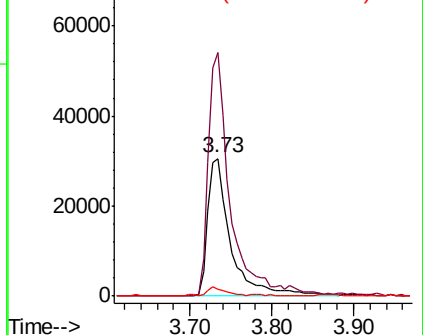
42 100

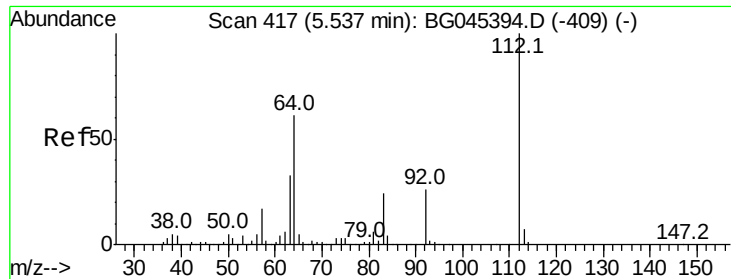
74 176.6 141.3 211.9

44 5.3 4.2 6.4



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: 69.293 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

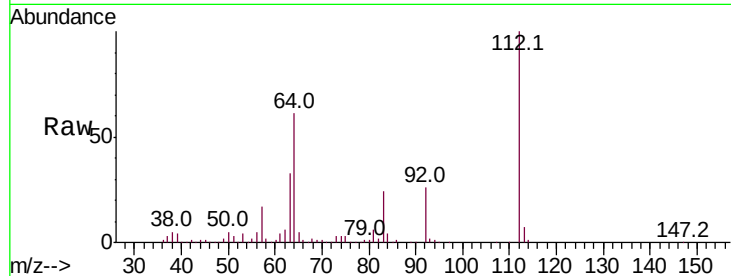
Tot Ion:112 Resp: 265920

Ion Ratio Lower Upper

112 100

64 60.7 48.6 72.8

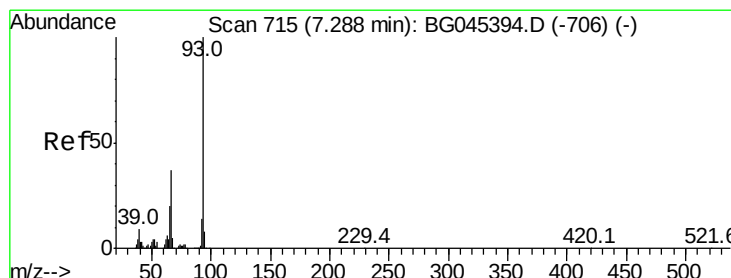
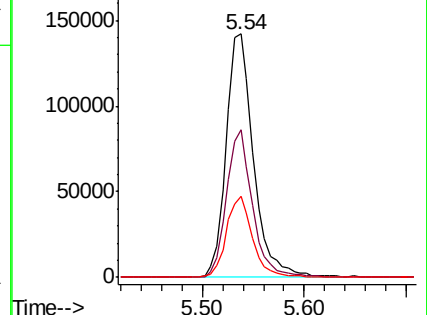
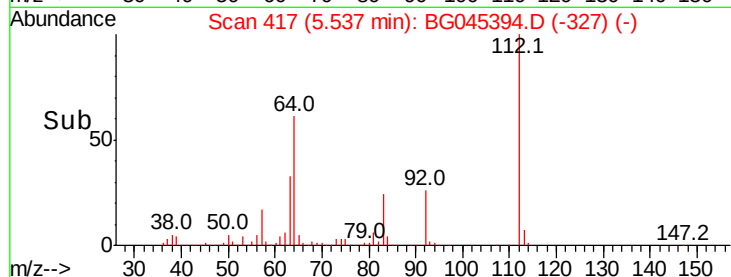
63 33.1 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.762 ng

RT: 7.29 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

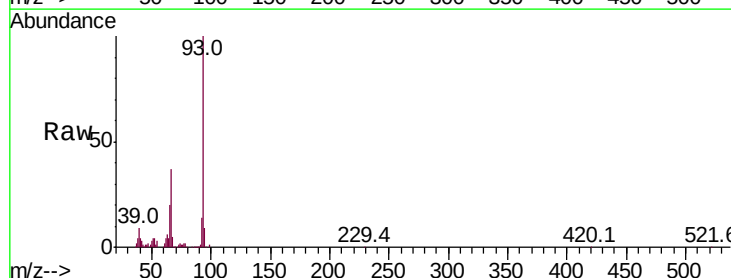
Tgt Ion: 93 Resp: 242878

Ion Ratio Lower Upper

93 100

66 37.0 29.6 44.4

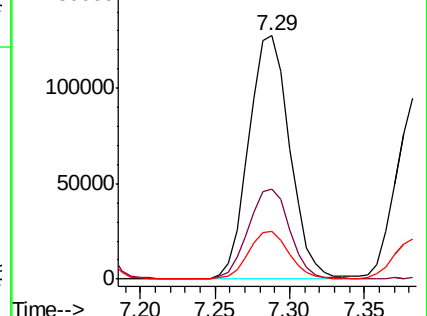
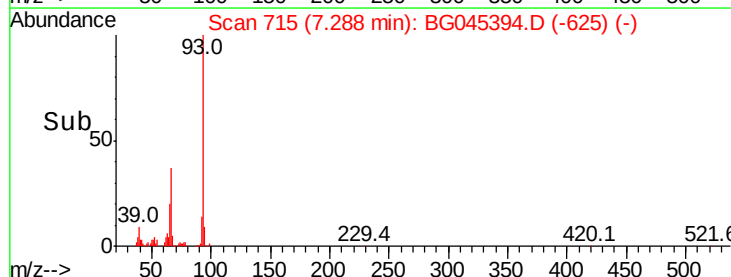
65 19.9 15.9 23.9

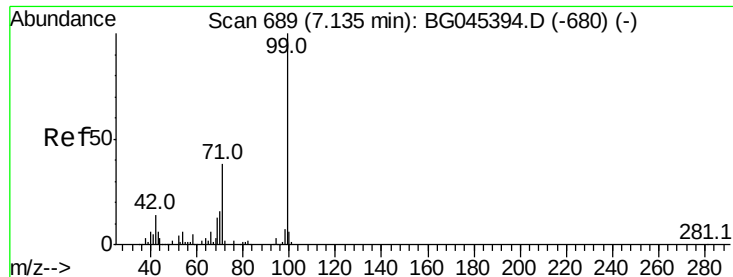


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 66.488 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

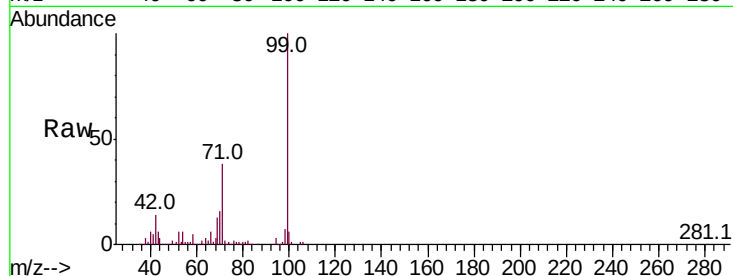
Tot Ion: 99 Resp: 379100

Ion Ratio Lower Upper

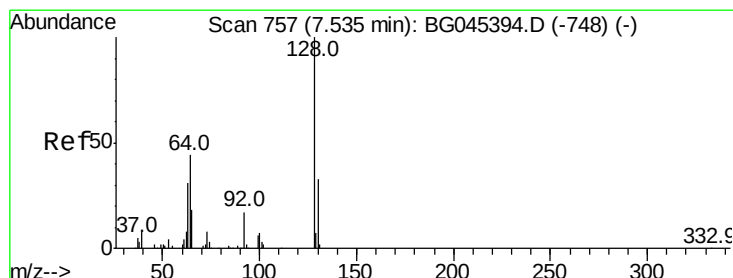
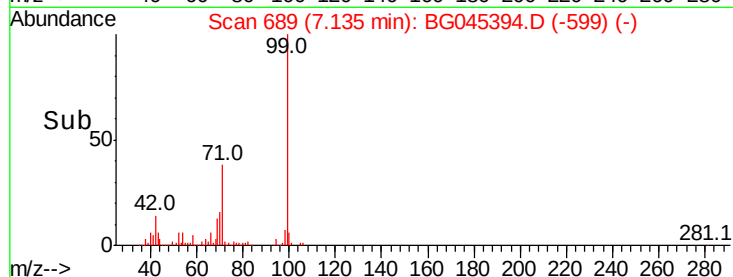
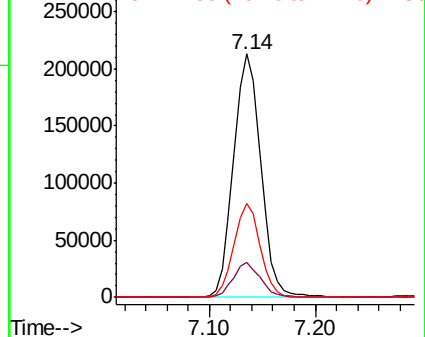
99 100

42 14.1 11.3 16.9

71 38.5 30.8 46.2



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



#8

2-Chlorophenol

Concen: 34.910 ng

RT: 7.53 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

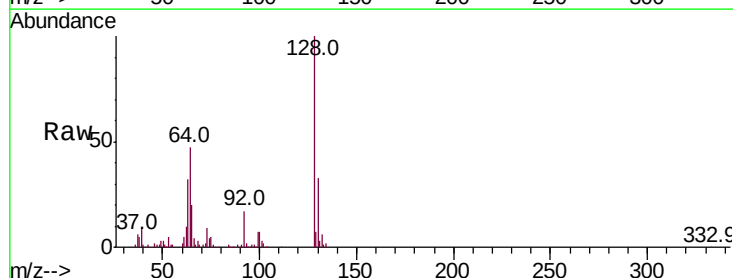
Tgt Ion: 128 Resp: 143981

Ion Ratio Lower Upper

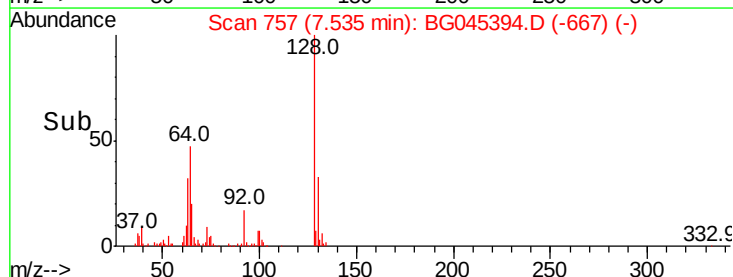
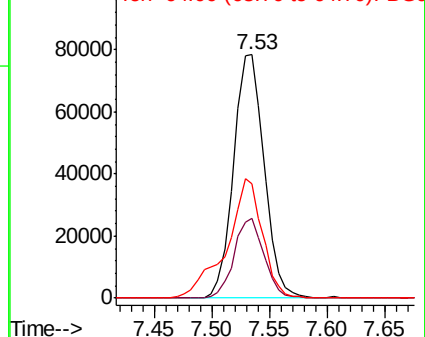
128 100

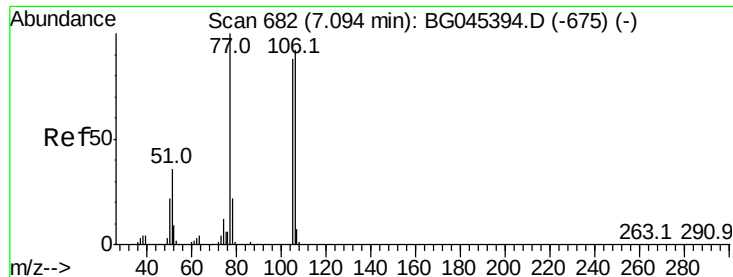
130 32.6 12.6 52.6

64 47.0 27.0 67.0



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





#9

Benzaldehyde

Concen: 37.147 ng

RT: 7.09 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

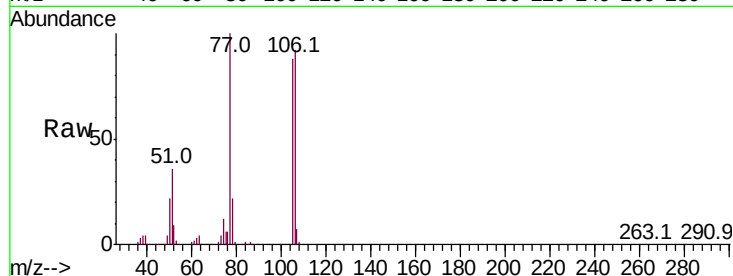
Tot Ion: 77 Resp: 125505

Ion Ratio Lower Upper

77 100

105 88.5 68.5 108.5

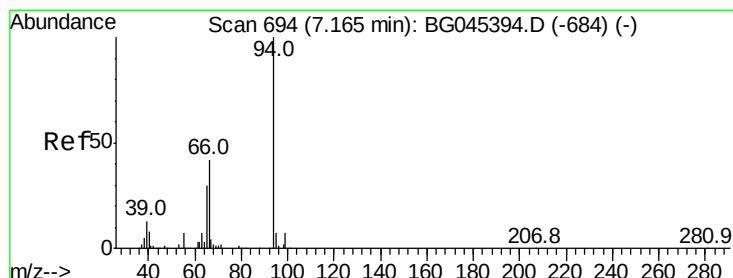
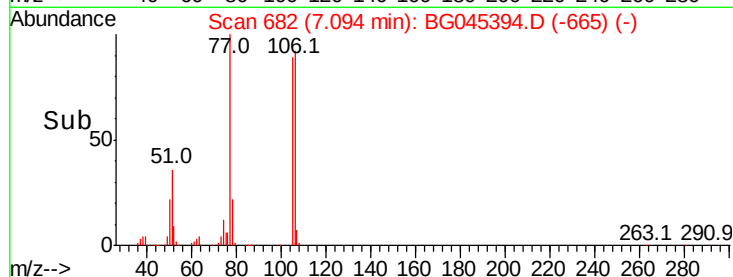
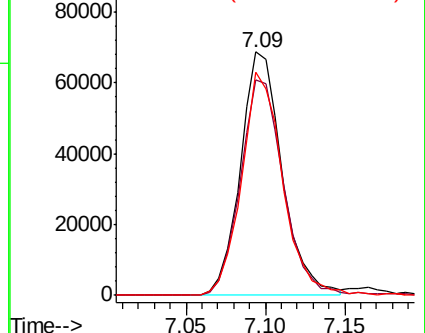
106 91.6 71.6 111.6



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: 34.405 ng

RT: 7.16 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

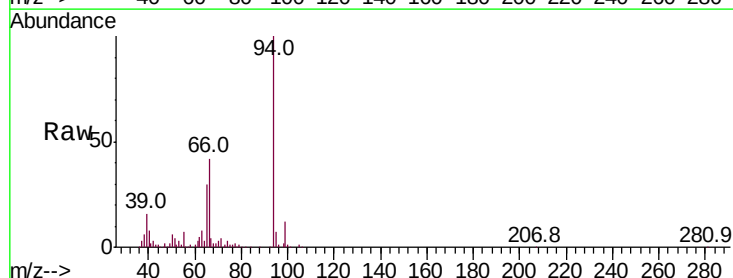
Tgt Ion: 94 Resp: 196300

Ion Ratio Lower Upper

94 100

65 29.8 9.8 49.8

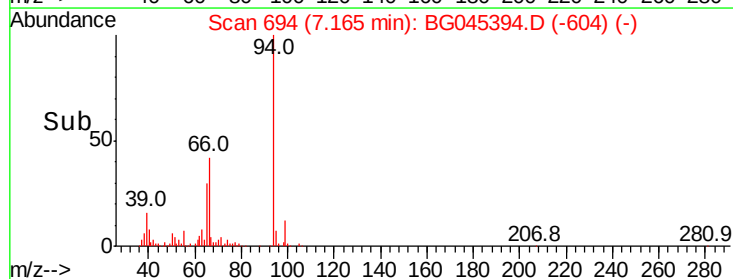
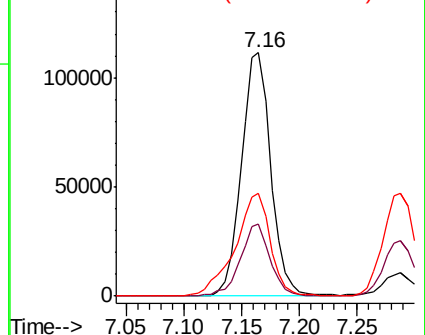
66 42.0 22.0 62.0

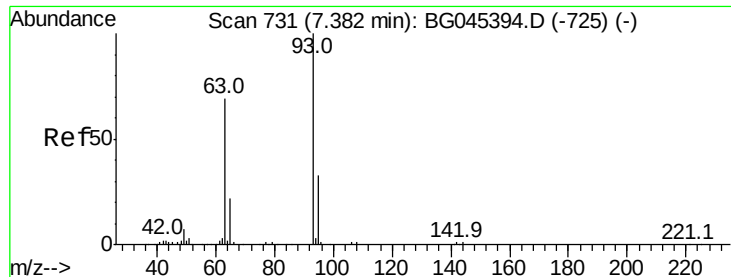


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

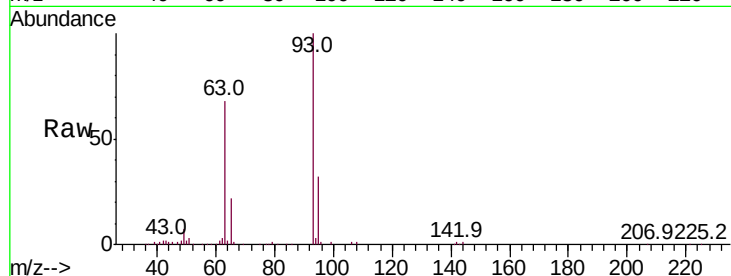




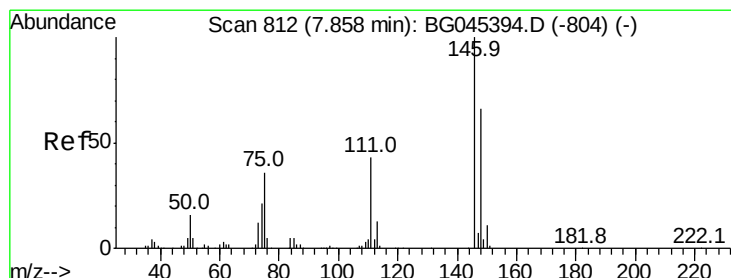
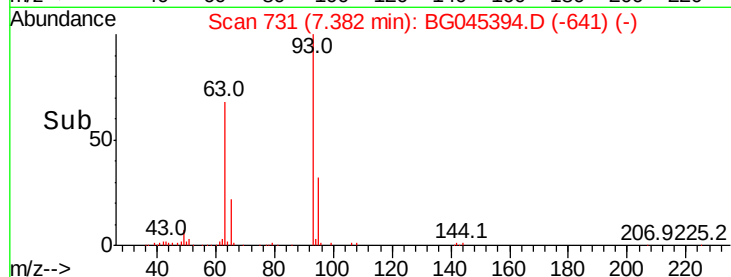
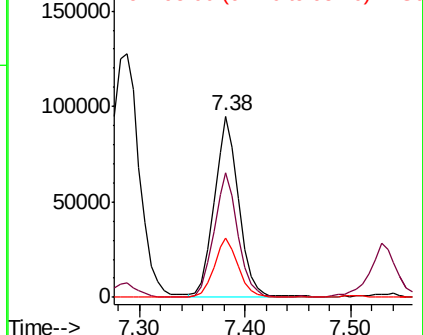
#11
bis(2-Chloroethyl)ether
Concen: 34.004 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion: 93 Resp: 154470
Ion Ratio Lower Upper
93 100
63 68.4 48.4 88.4
95 32.4 12.4 52.4

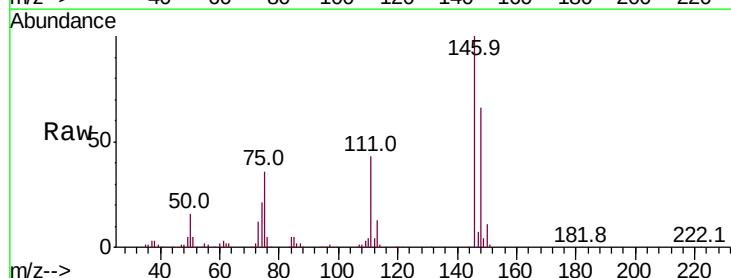


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

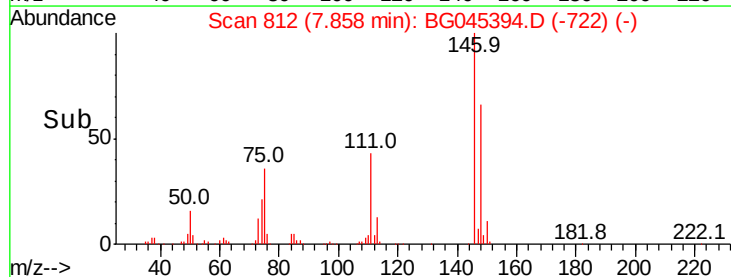
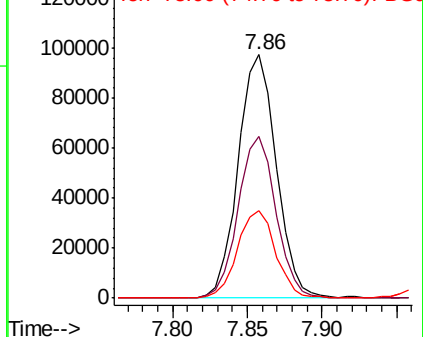


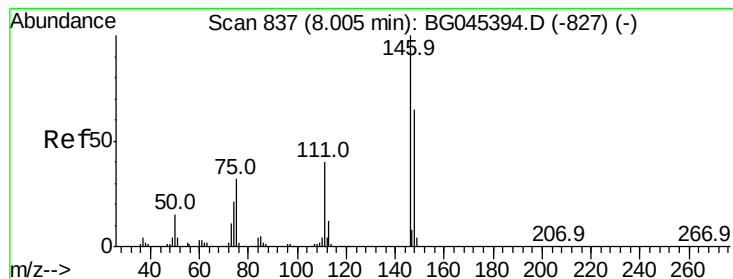
#12
1,3-Dichlorobenzene
Concen: 35.515 ng
RT: 7.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion: 146 Resp: 172606
Ion Ratio Lower Upper
146 100
148 66.5 53.2 79.8
75 35.8 28.6 43.0



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: 35.432 ng

RT: 8.00 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

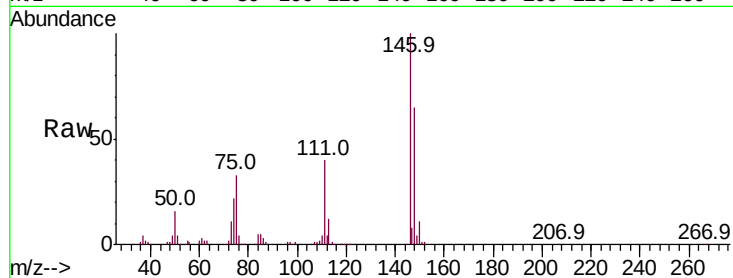
Tot Ion:146 Resp: 171587

Ion Ratio Lower Upper

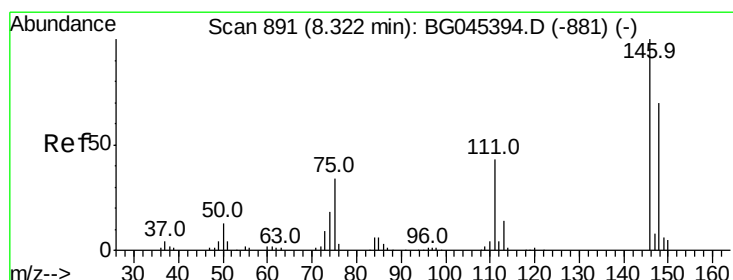
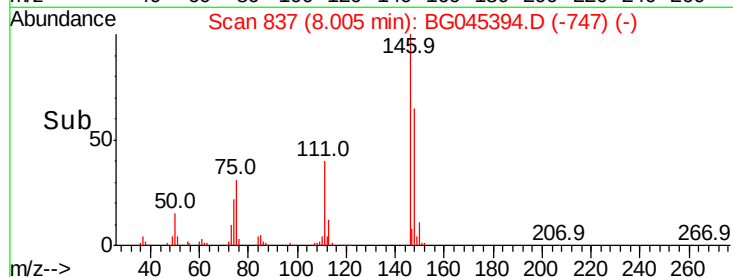
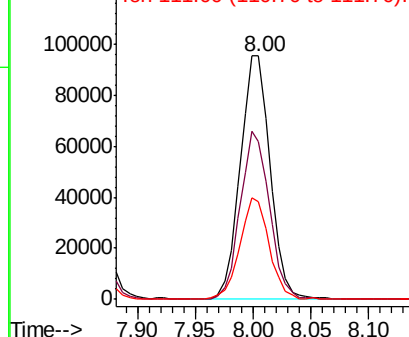
146 100

148 64.8 51.8 77.8

111 40.1 32.1 48.1



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: 35.038 ng

RT: 8.32 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

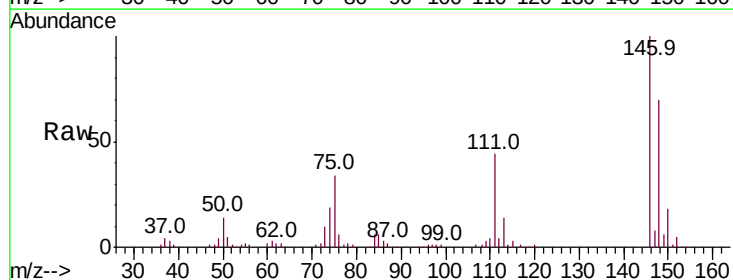
Tgt Ion:146 Resp: 162331

Ion Ratio Lower Upper

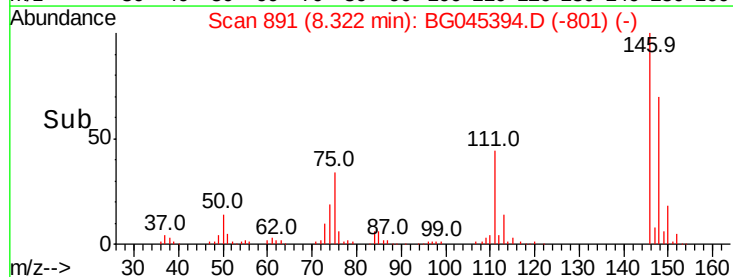
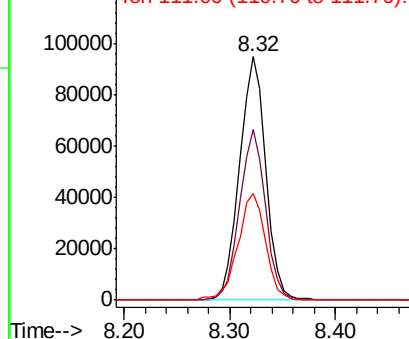
146 100

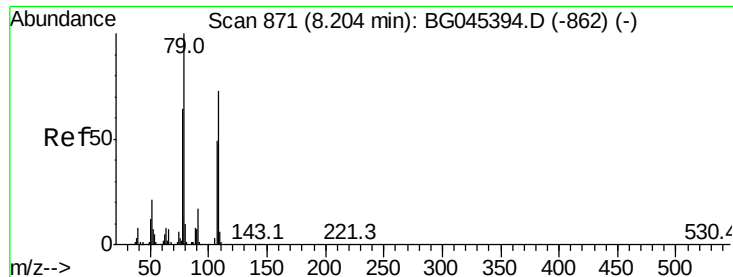
148 69.9 55.9 83.9

111 43.7 35.0 52.4



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: 32.610 ng

RT: 8.20 min Scan# 871

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

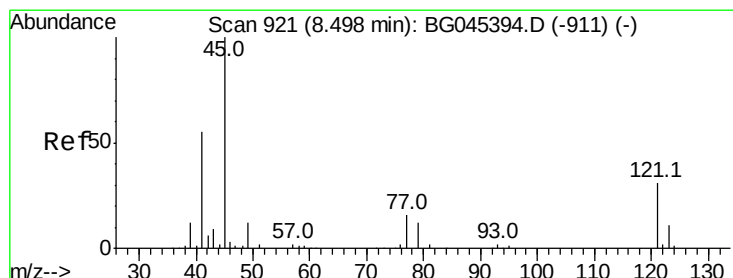
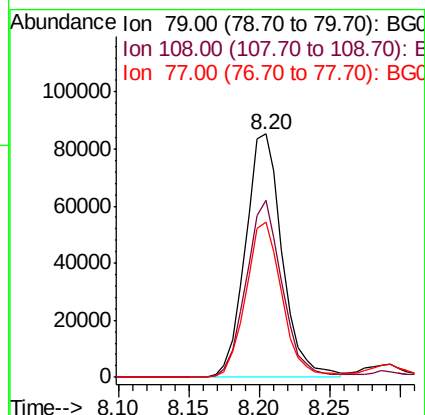
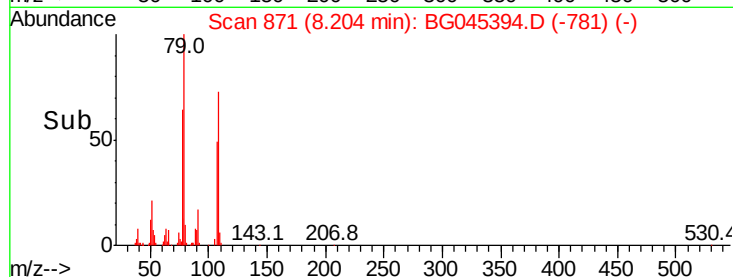
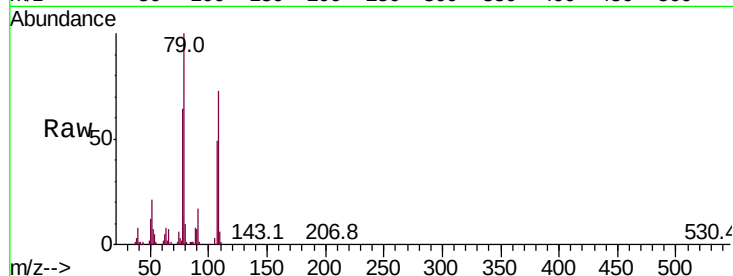
Tot Ion: 79 Resp: 155888

Ion Ratio Lower Upper

79 100

108 72.8 58.2 87.4

77 63.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.630 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

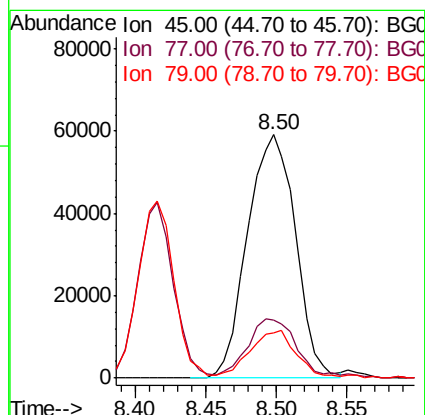
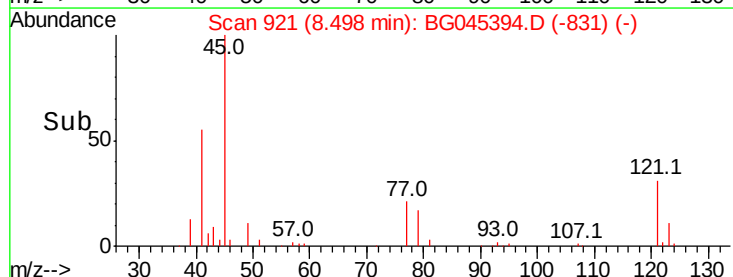
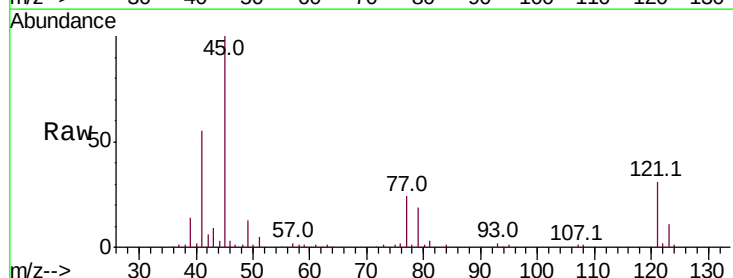
Tgt Ion: 45 Resp: 141044

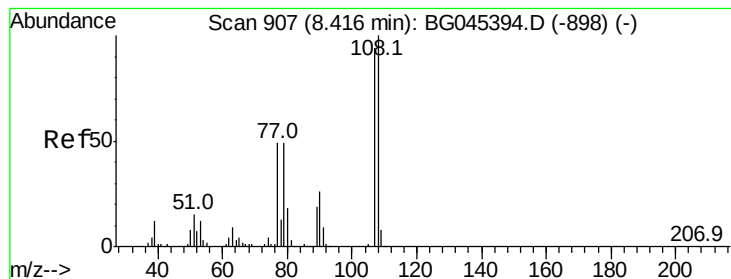
Ion Ratio Lower Upper

45 100

77 24.0 4.0 44.0

79 18.6 0.0 38.6

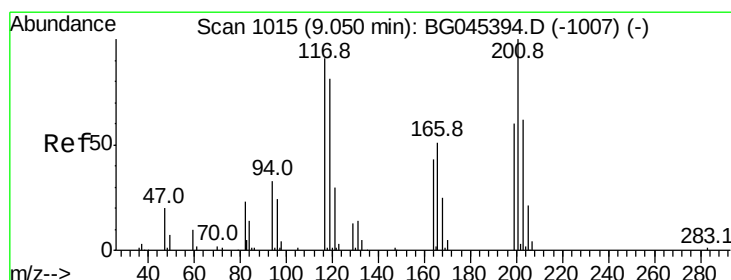
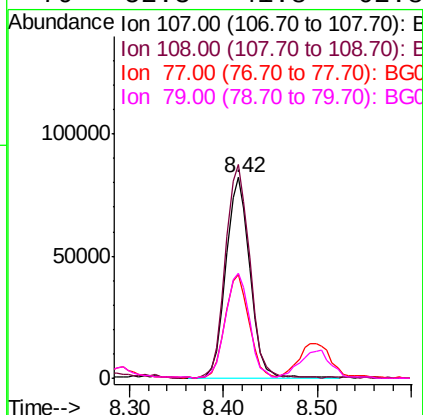
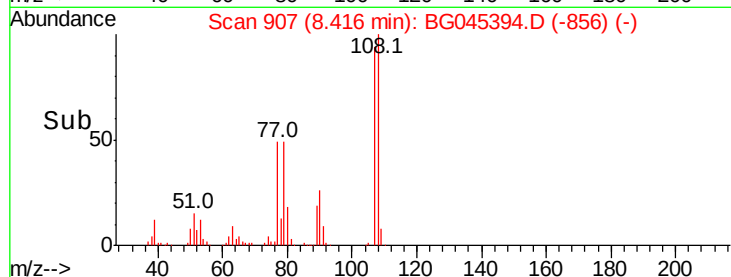
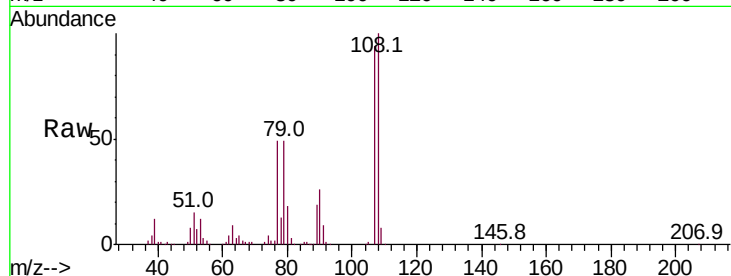




#17
2-Methylphenol
Concen: 33.395 ng
RT: 8.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

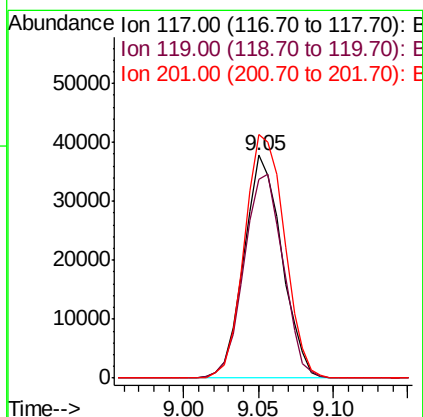
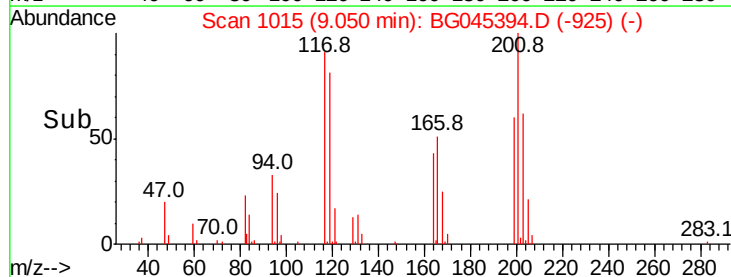
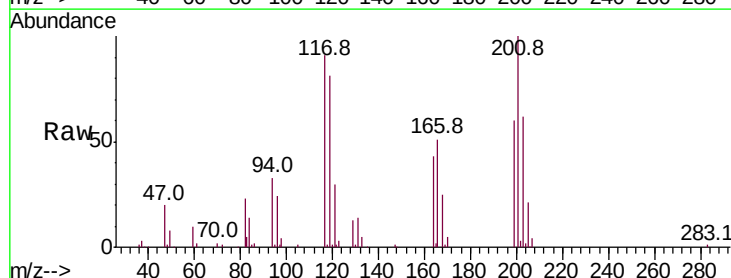
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

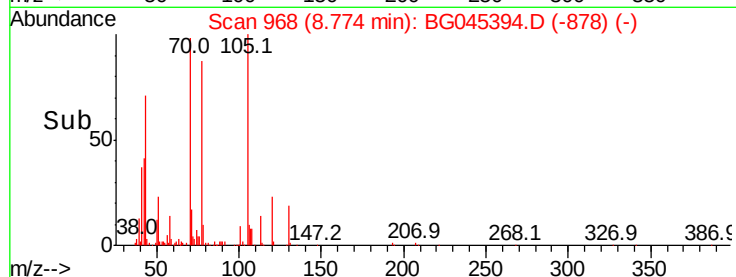
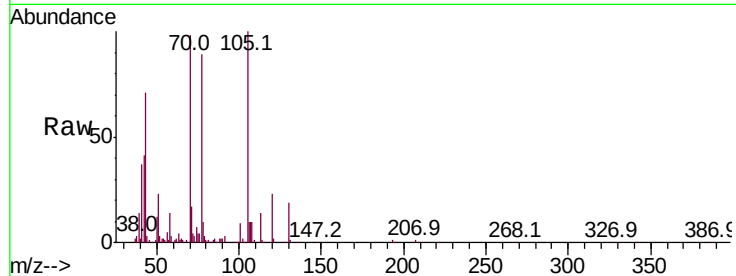
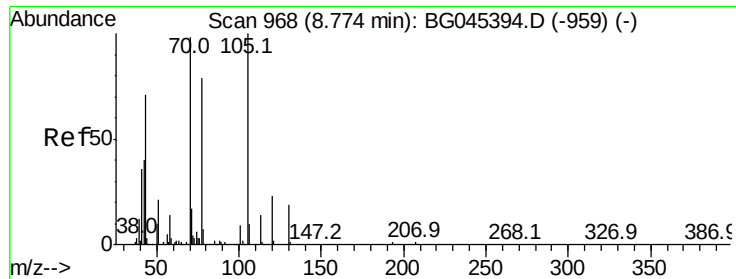
Tot Ion	Ratio	Lower	Upper
107	100		
108	106.5	85.2	127.8
77	52.0	41.6	62.4
79	52.3	41.8	62.8



#18
Hexachloroethane
Concen: 36.460 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.1	71.3	106.9
201	109.4	87.5	131.3

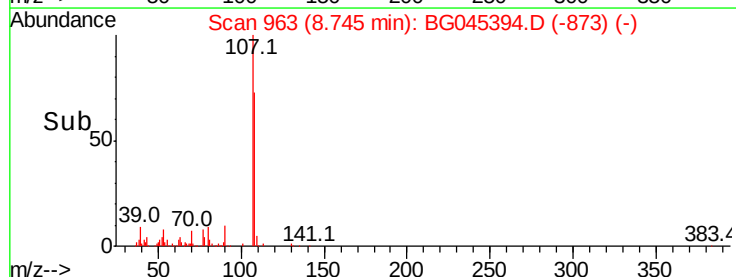
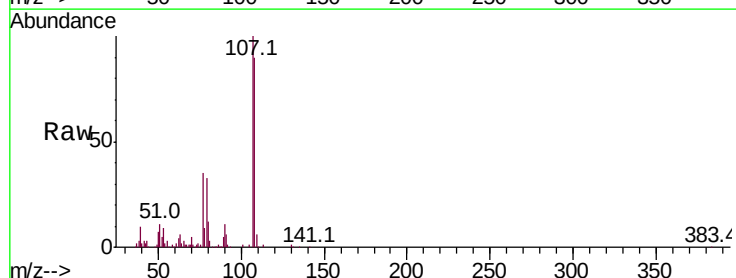
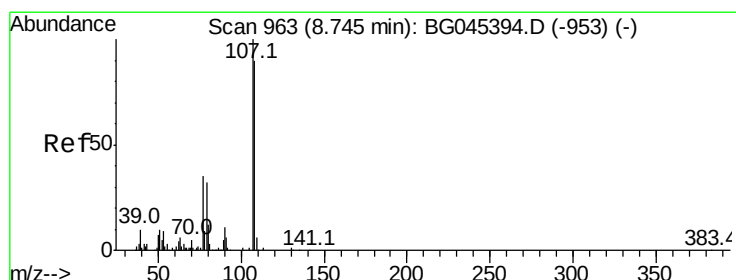
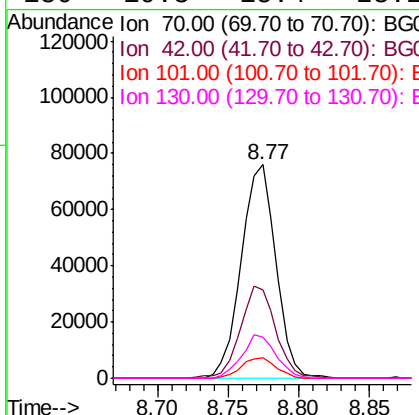




#19
n-Nitroso-di-n-propylamine
Concen: 32.381 ng
RT: 8.77 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

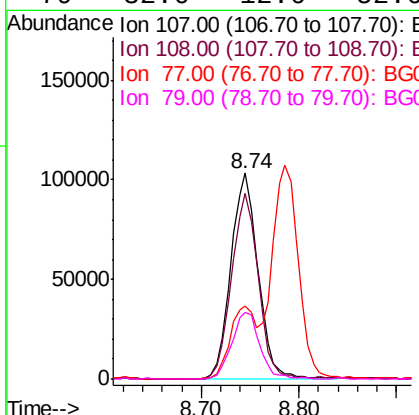
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

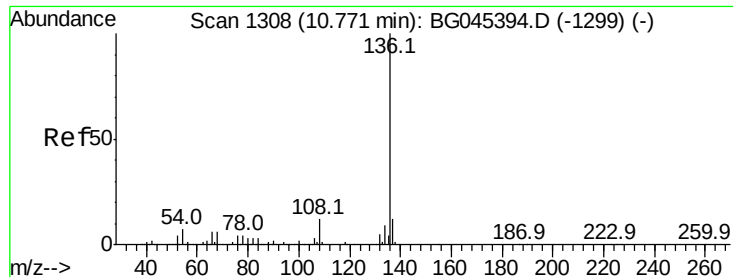
Tot Ion:	70	Resp:	130570
Ion	Ratio	Lower	Upper
70	100		
42	41.5	33.2	49.8
101	9.7	7.8	11.6
130	19.3	15.4	23.2



#20
3+4-Methylphenols
Concen: 32.454 ng
RT: 8.74 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion:	107	Resp:	199974
Ion	Ratio	Lower	Upper
107	100		
108	90.3	70.3	110.3
77	35.4	15.4	55.4
79	32.6	12.6	52.6

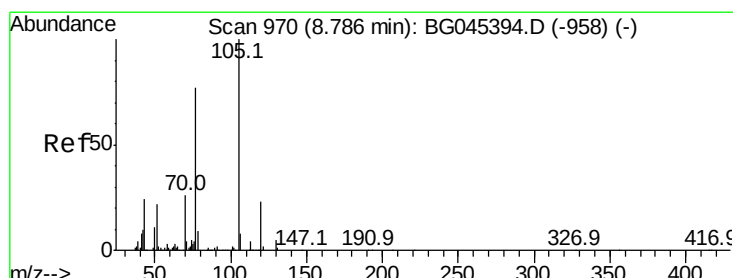
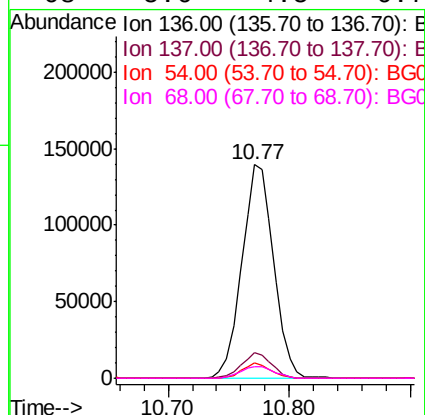
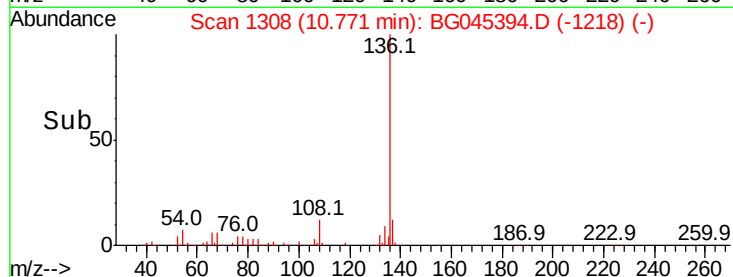
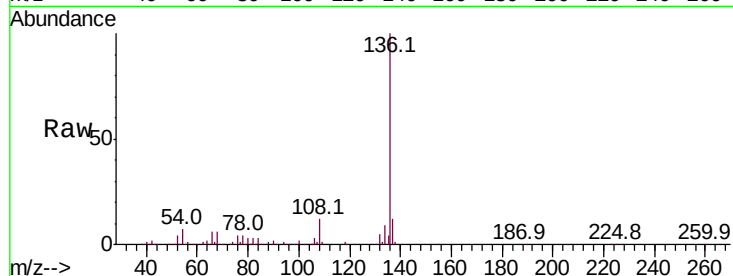




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

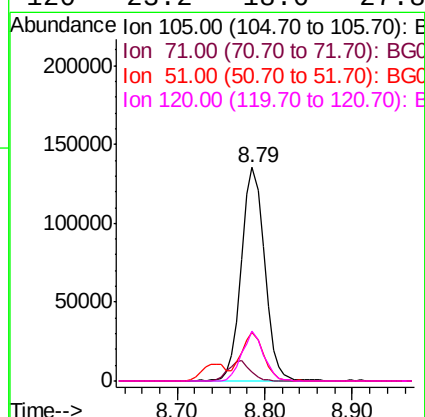
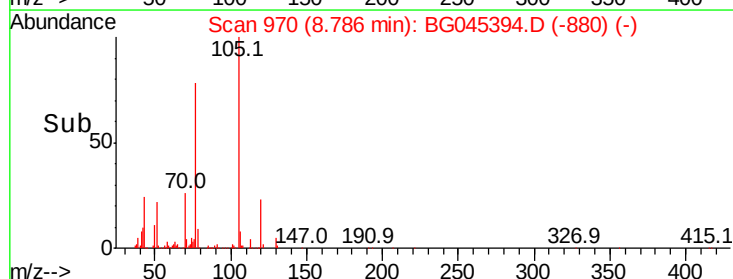
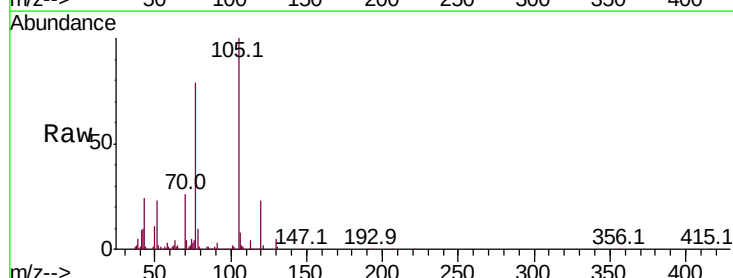
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

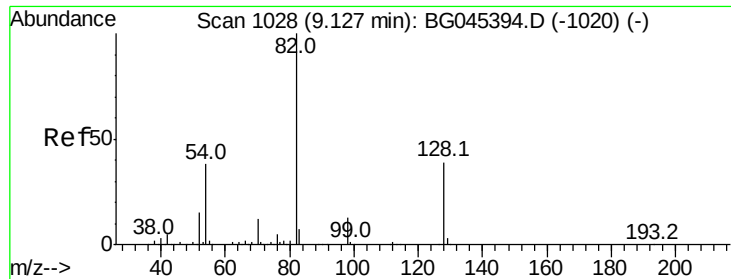
Tot Ion:	136	Resp:	254392
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	7.2	5.8	8.6
68	5.6	4.5	6.7



#22
Acetophenone
Concen: 35.301 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion:	105	Resp:	242848
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.0
51	22.7	18.2	27.2
120	23.2	18.6	27.8

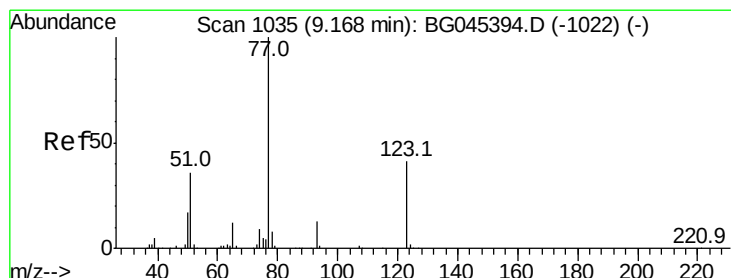
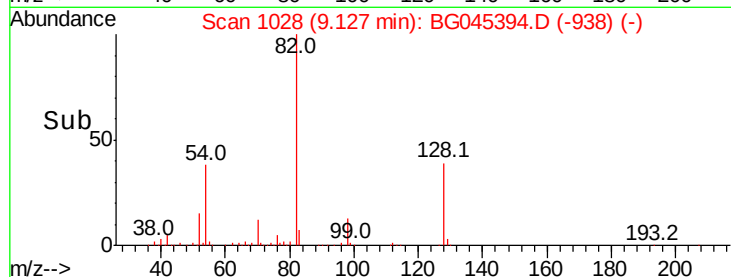
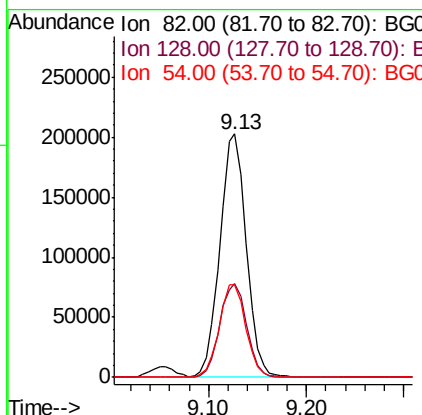
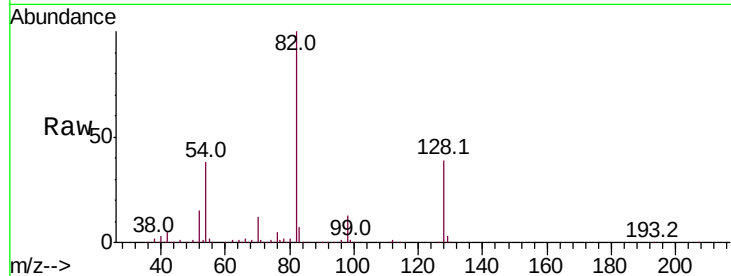




#23
Nitrobenzene-d5
Concen: 67.779 ng
RT: 9.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

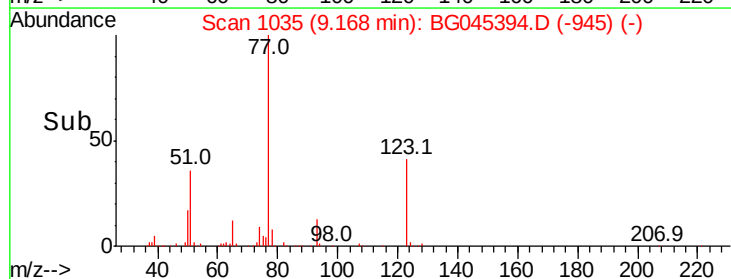
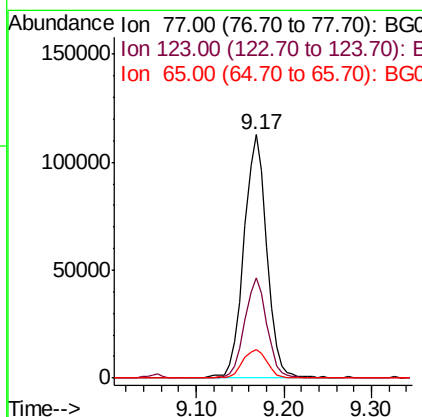
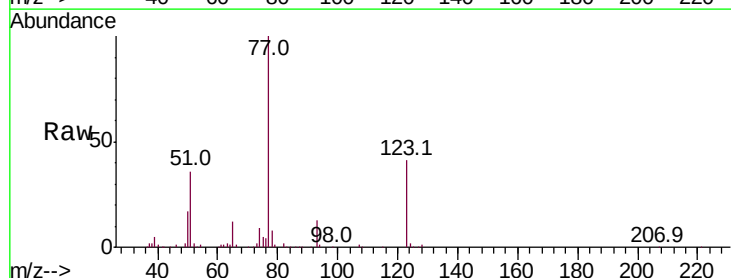
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

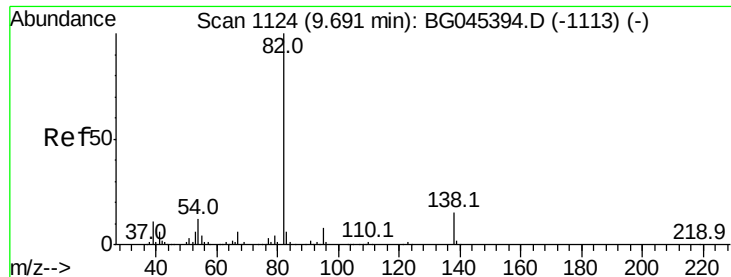
Tot Ion	82	Resp	377884
Ion	Ratio	Lower	Upper
82	100		
128	38.6	30.9	46.3
54	37.9	30.3	45.5



#24
Nitrobenzene
Concen: 34.492 ng
RT: 9.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	77	Resp	197119
Ion	Ratio	Lower	Upper
77	100		
123	41.1	32.9	49.3
65	11.8	9.4	14.2





#25

Isophorone

Concen: 32.830 ng

RT: 9.69 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

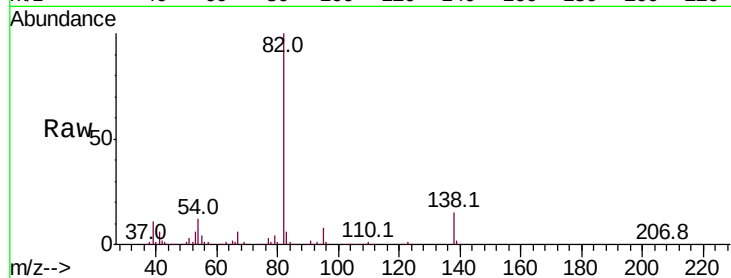
Tot Ion: 82 Resp: 374830

Ion Ratio Lower Upper

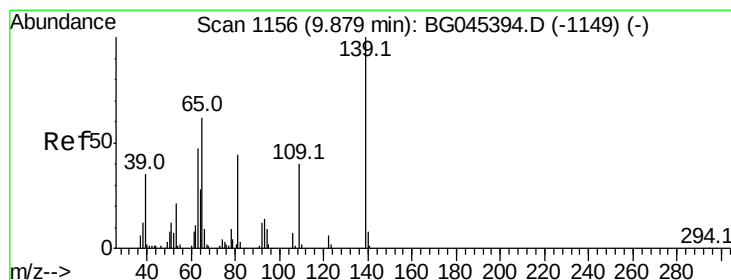
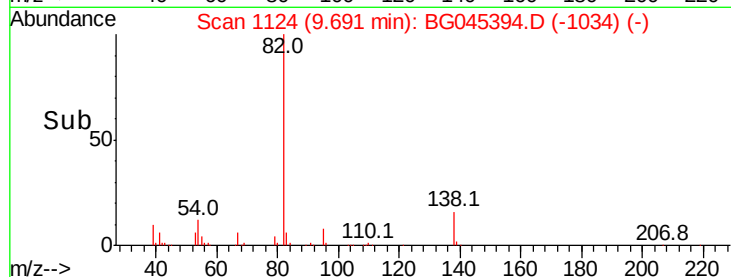
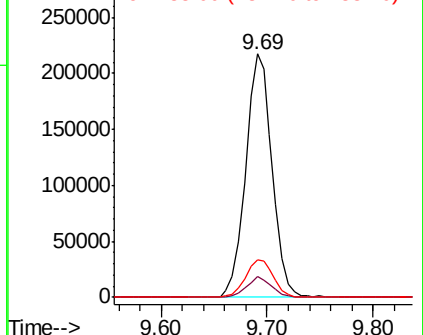
82 100

95 8.4 6.7 10.1

138 15.3 12.2 18.4



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: 34.827 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

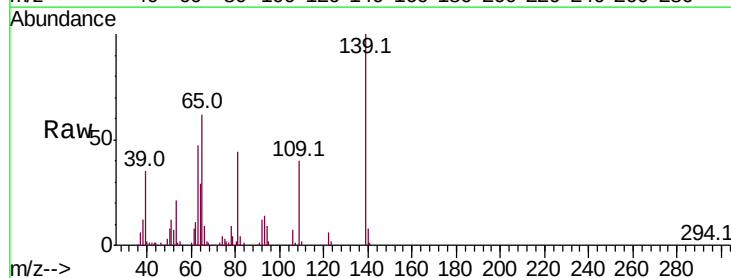
Tgt Ion: 139 Resp: 85732

Ion Ratio Lower Upper

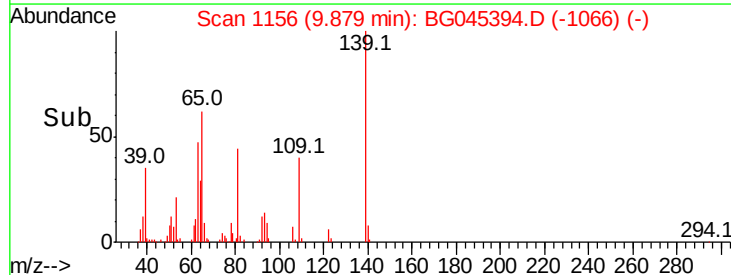
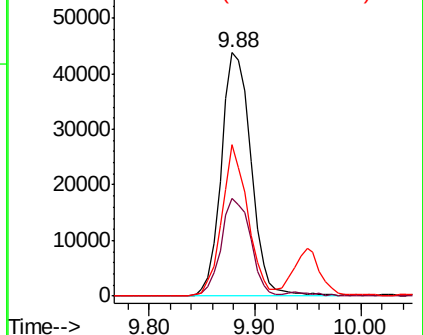
139 100

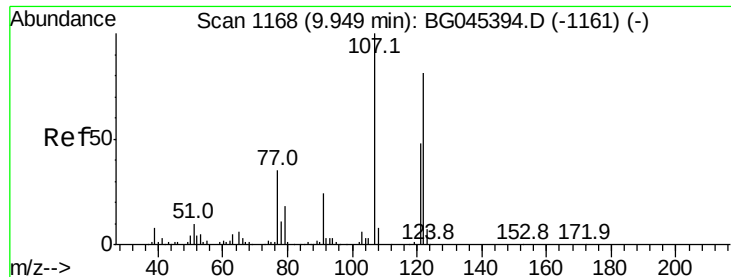
109 40.3 32.2 48.4

65 62.0 49.6 74.4



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: 33.067 ng

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

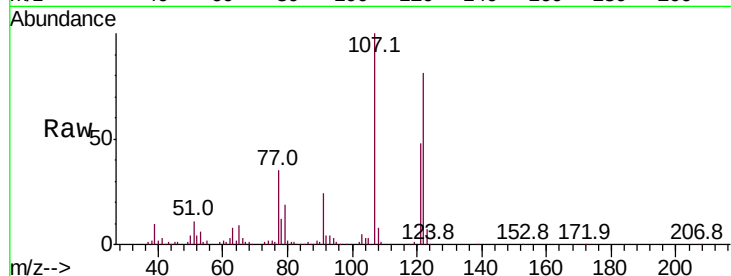
Tot Ion:122 Resp: 129158

Ion Ratio Lower Upper

122 100

107 123.7 99.0 148.4

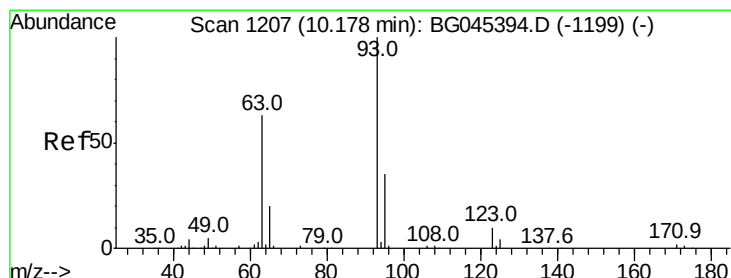
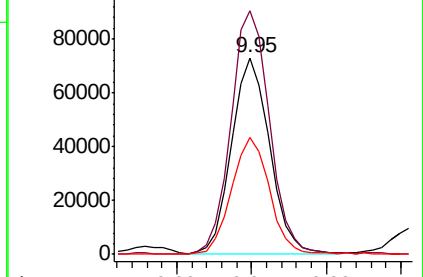
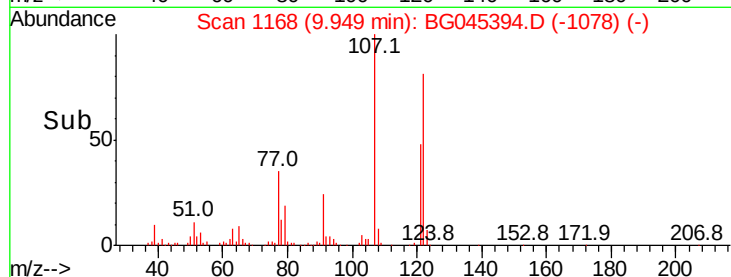
121 59.6 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.028 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

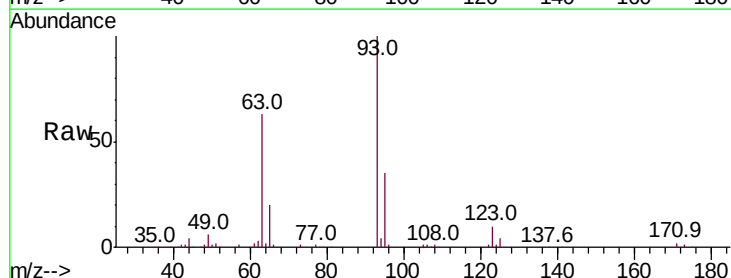
Tgt Ion: 93 Resp: 192129

Ion Ratio Lower Upper

93 100

95 34.5 27.6 41.4

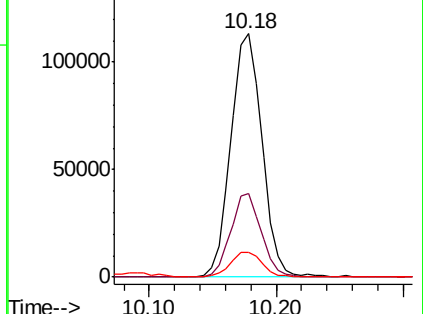
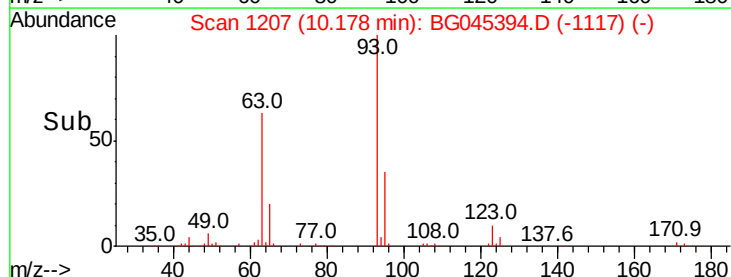
123 10.1 8.1 12.1

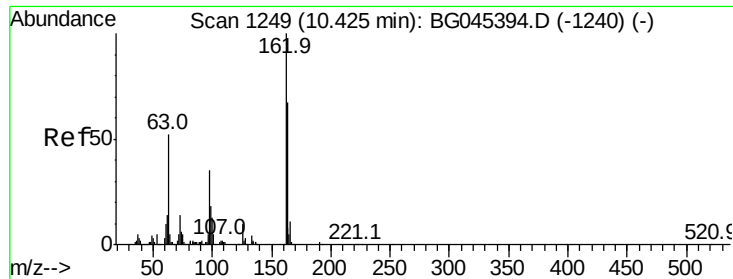


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

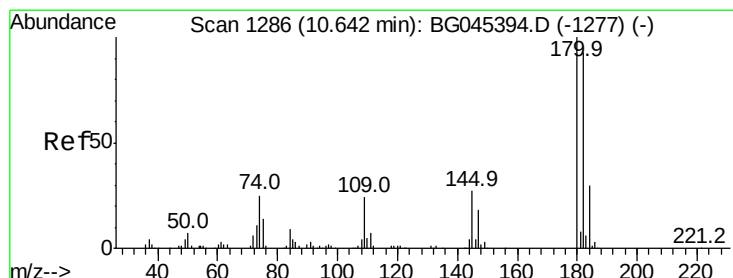
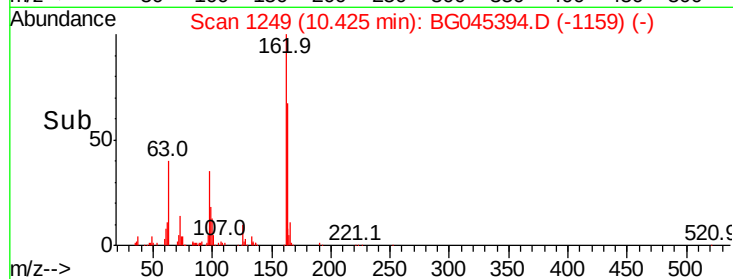
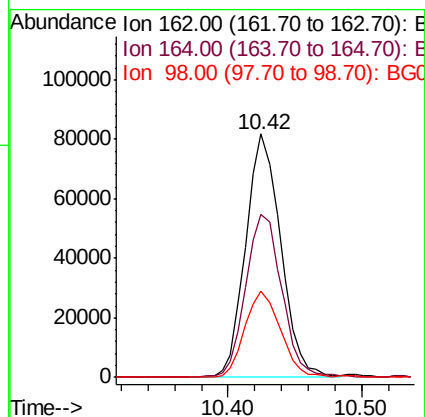
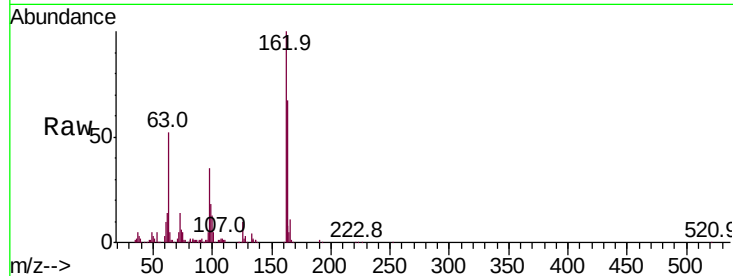




#29
 2,4-Dichlorophenol
 Concen: 32.954 ng
 RT: 10.42 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

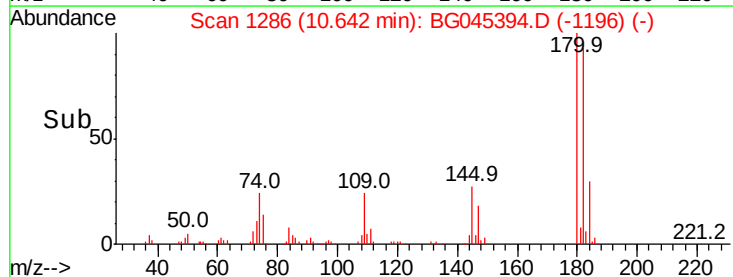
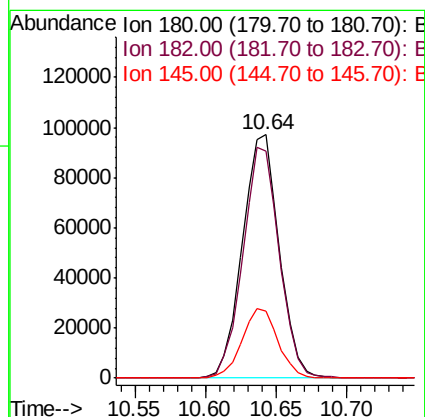
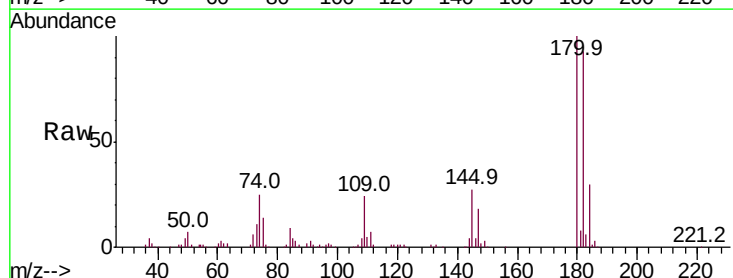
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

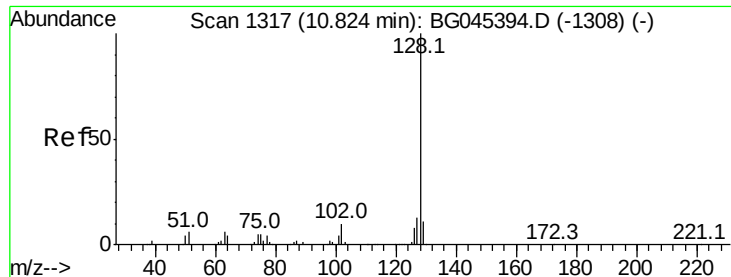
Tot Ion:	162	Resp:	148627
Ion	Ratio	Lower	Upper
162	100		
164	66.8	46.8	86.8
98	35.2	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 34.626 ng
 RT: 10.64 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion:	180	Resp:	176815
Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.8	112.2
145	27.4	21.9	32.9

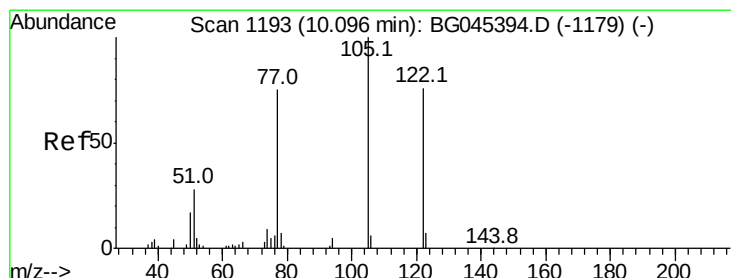
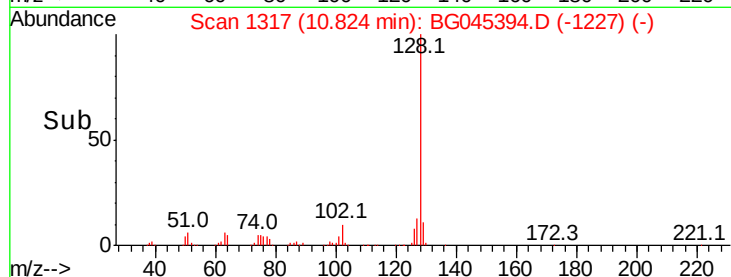
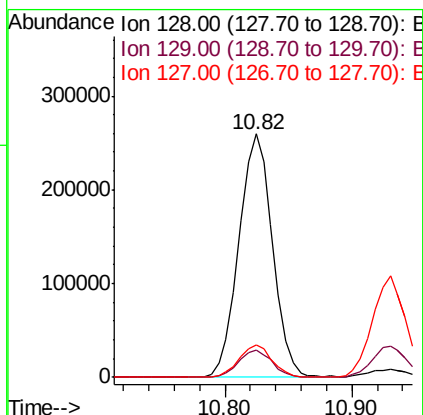
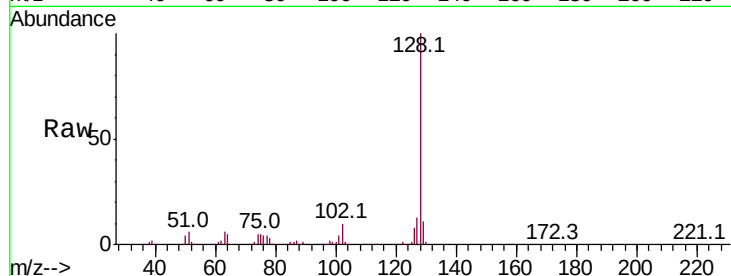




#31
Naphthalene
Concen: 34.173 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

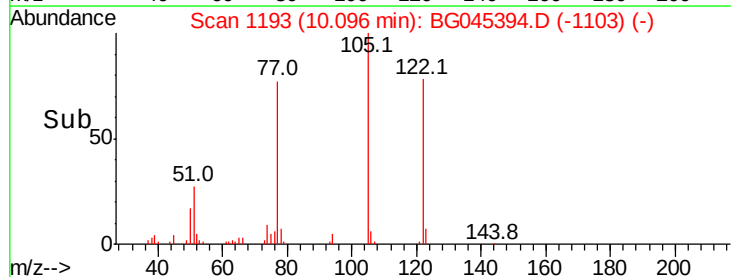
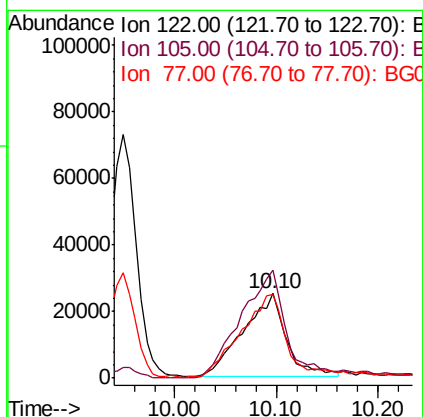
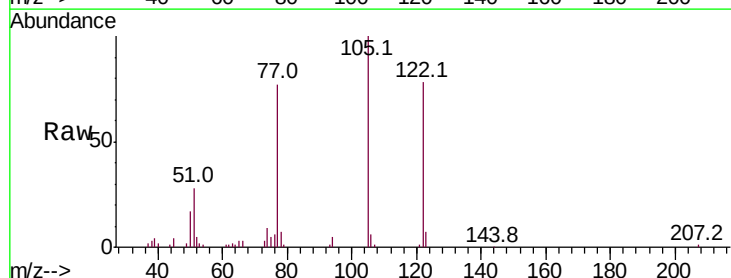
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

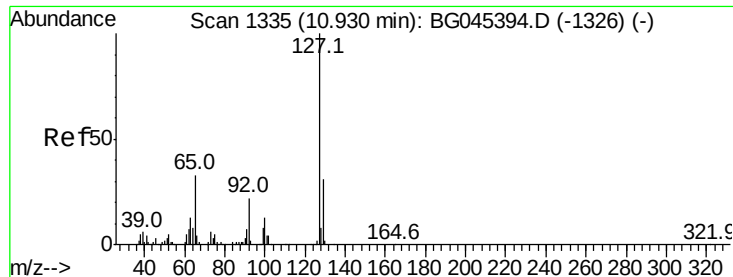
Tot Ion:128 Resp: 475571
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 24.653 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion:122 Resp: 72223
Ion Ratio Lower Upper
122 100
105 127.9 107.9 147.9
77 98.9 78.9 118.9

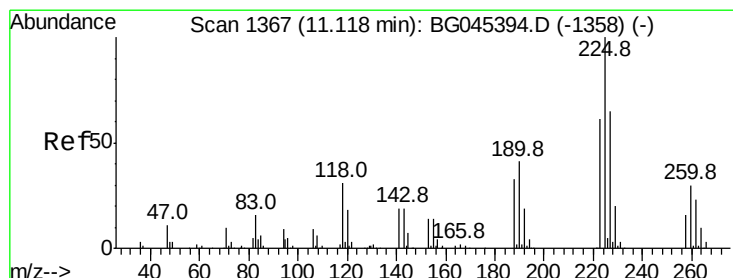
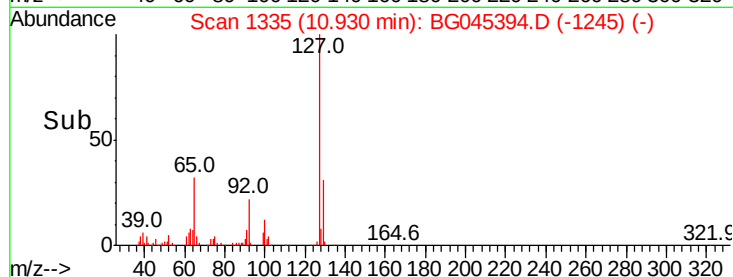
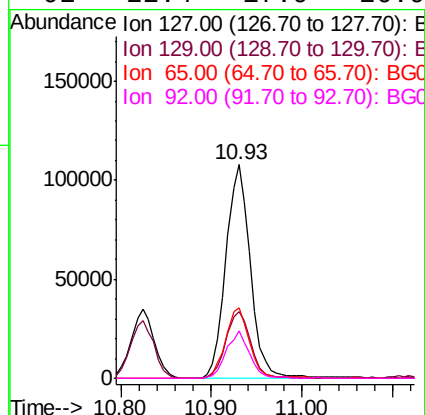
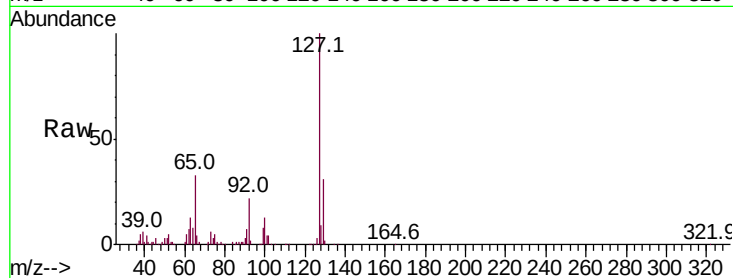




#33
4-Chloroaniline
Concen: 31.244 ng
RT: 10.93 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

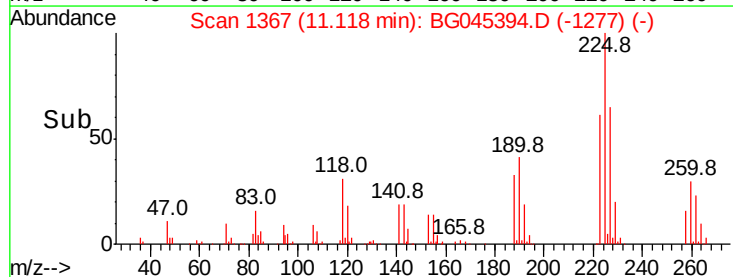
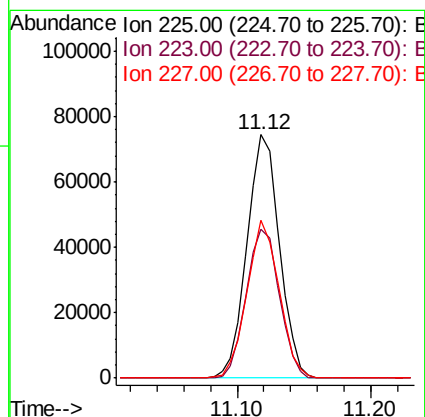
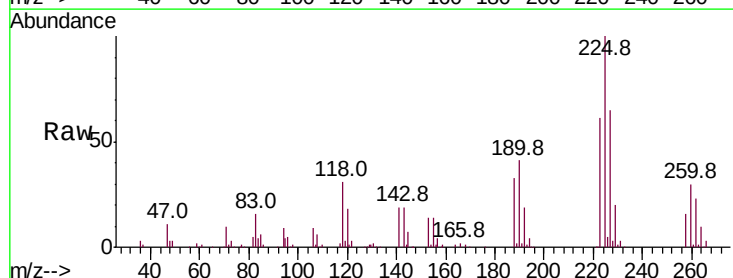
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

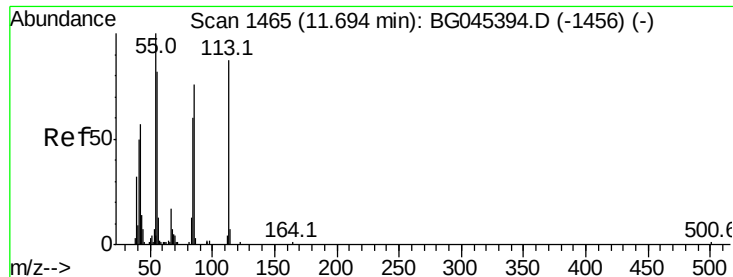
Tot Ion:	127	Resp:	202777
Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.7	37.1
65	32.7	26.2	39.2
92	22.4	17.9	26.9



#34
Hexachlorobutadiene
Concen: 35.679 ng
RT: 11.12 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion:	225	Resp:	124915
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.1	73.7
227	65.0	52.0	78.0

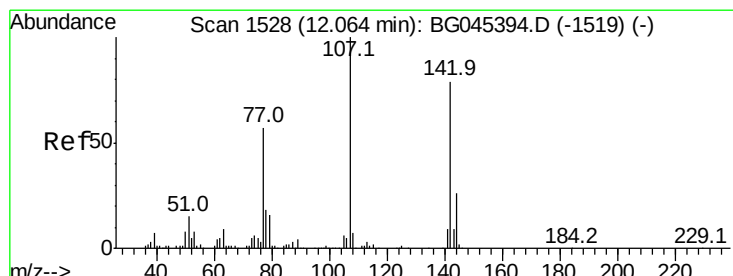
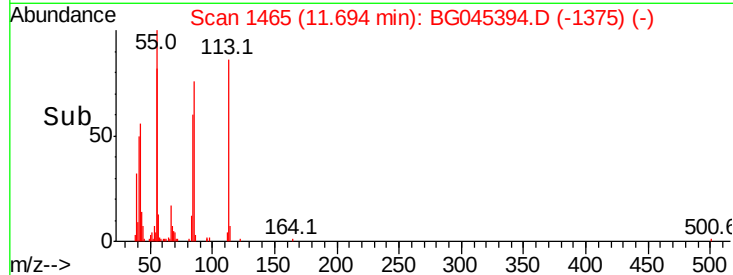
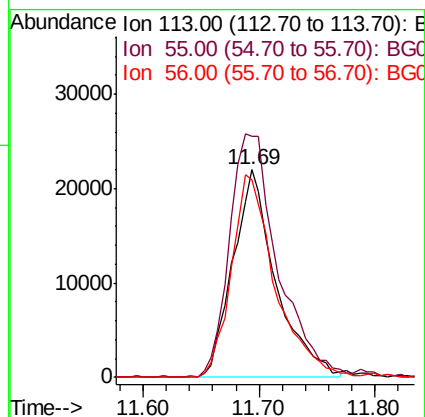
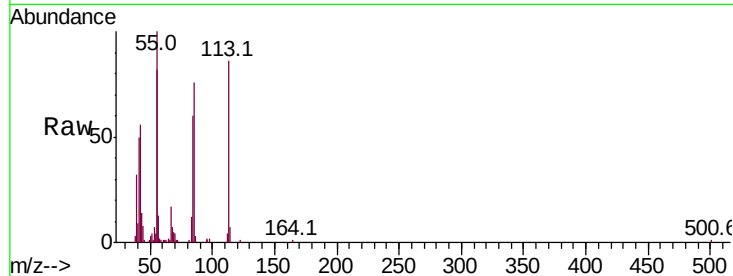




#35
Caprolactam
Concen: 31.732 ng
RT: 11.69 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

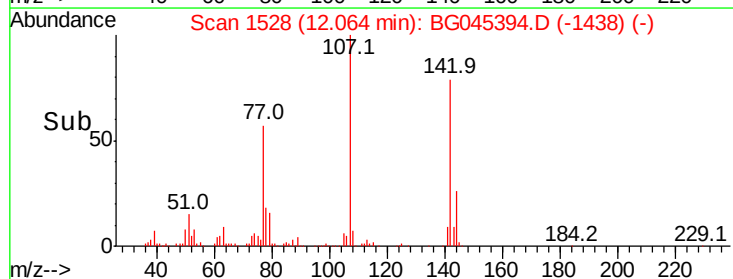
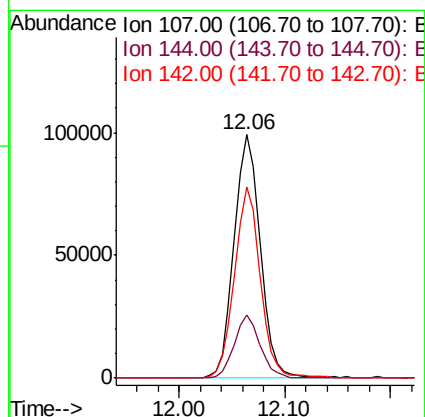
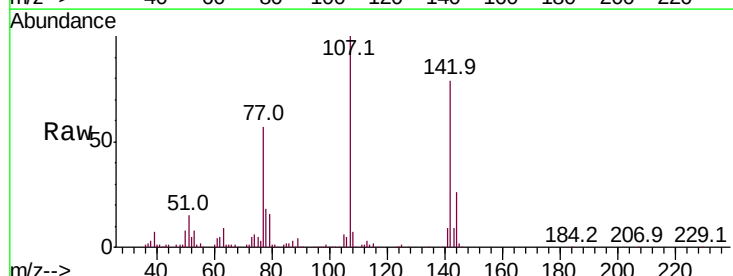
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

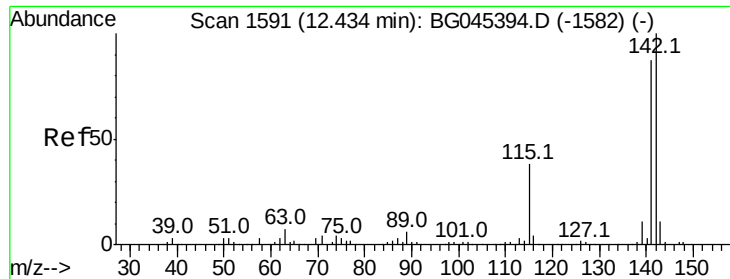
Tot Ion:113 Resp: 56960
Ion Ratio Lower Upper
113 100
55 116.0 96.0 136.0
56 95.1 75.1 115.1



#36
4-Chloro-3-methylphenol
Concen: 32.169 ng
RT: 12.06 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion:107 Resp: 170438
Ion Ratio Lower Upper
107 100
144 26.0 20.8 31.2
142 78.5 62.8 94.2

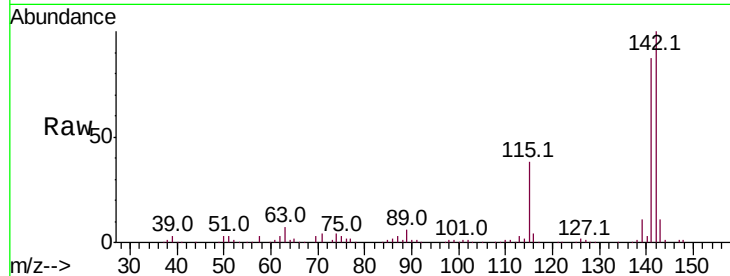




#37
 2-Methylnaphthalene
 Concen: 33.091 ng
 RT: 12.43 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.0	105.0
115	38.5	30.8	46.2

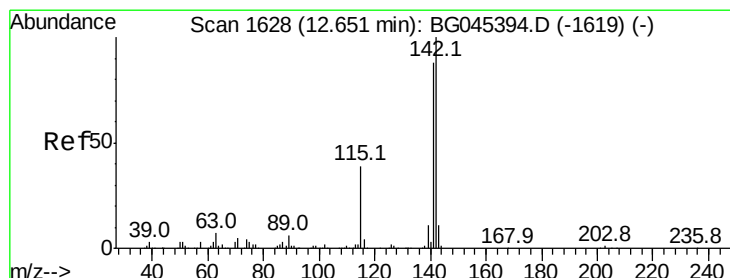
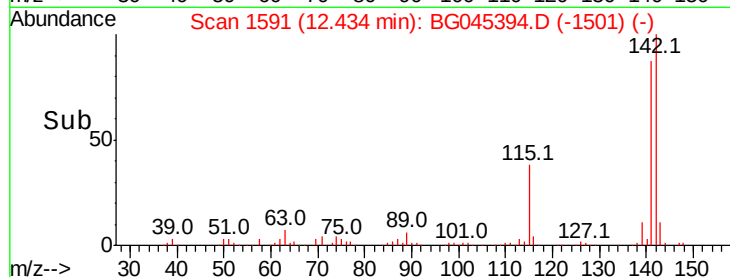
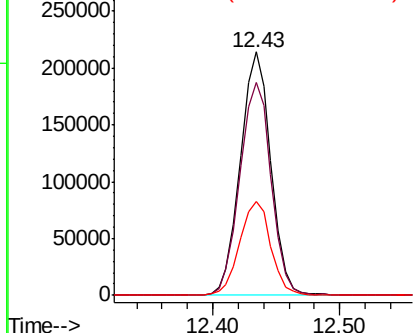


Abundance

Ion 142.00 (141.70 to 142.70): E

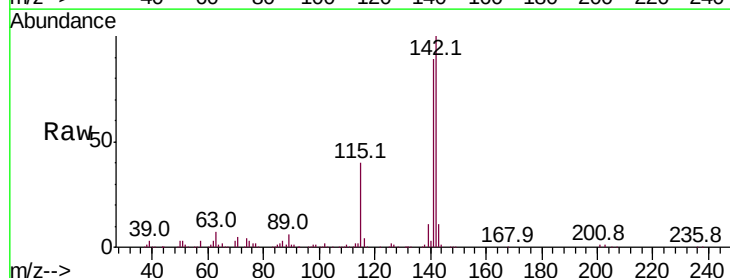
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 33.258 ng
 RT: 12.65 min Scan# 1628
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.8	106.2
116	3.8	3.0	4.6

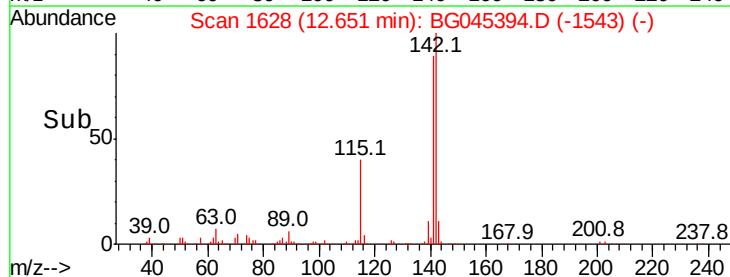
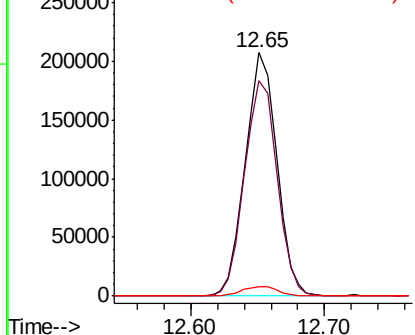


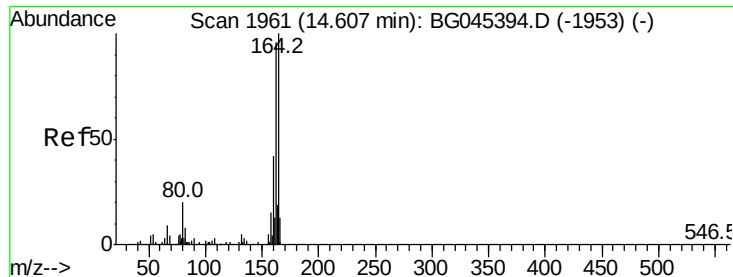
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.61 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

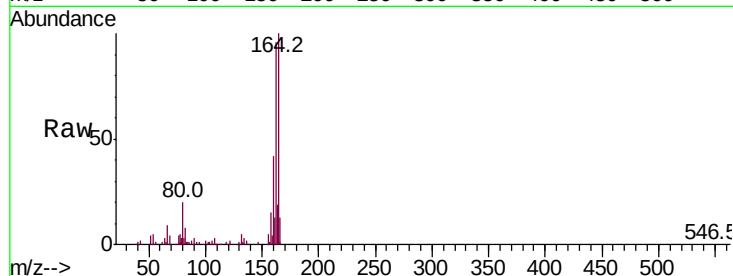
Tot Ion:164 Resp: 175046

Ion Ratio Lower Upper

164 100

162 96.1 76.9 115.3

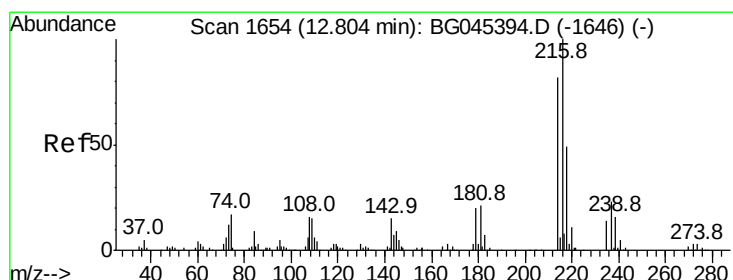
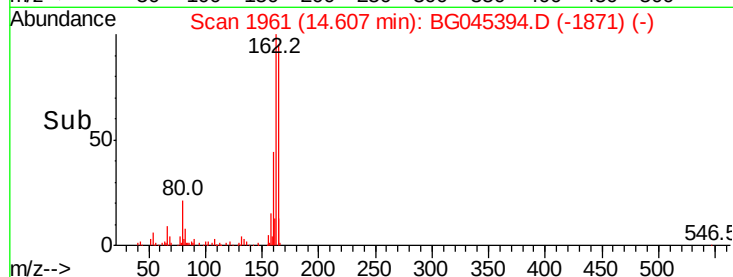
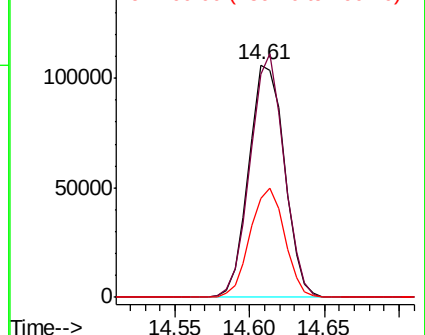
160 42.3 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 34.496 ng

RT: 12.80 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Tgt Ion:216 Resp: 194418

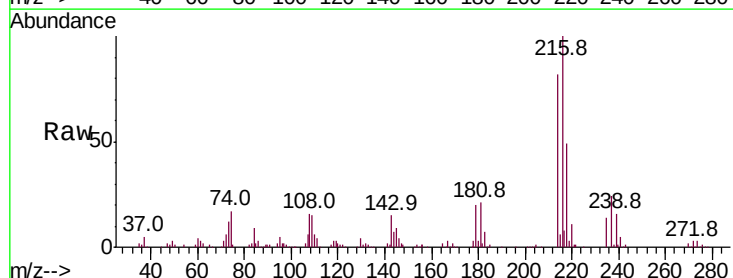
Ion Ratio Lower Upper

216 100

214 79.6 63.7 95.5

179 20.1 16.1 24.1

108 17.2 13.8 20.6

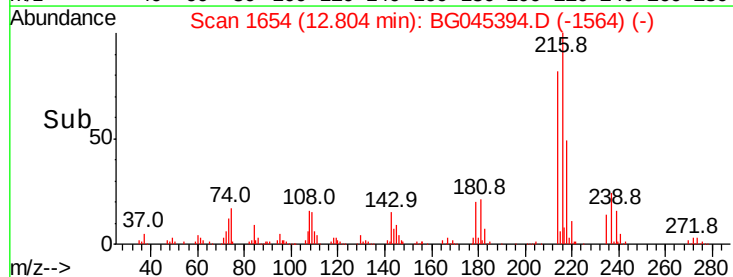
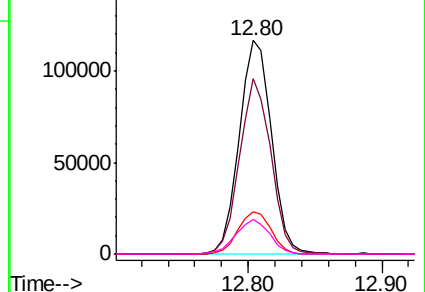


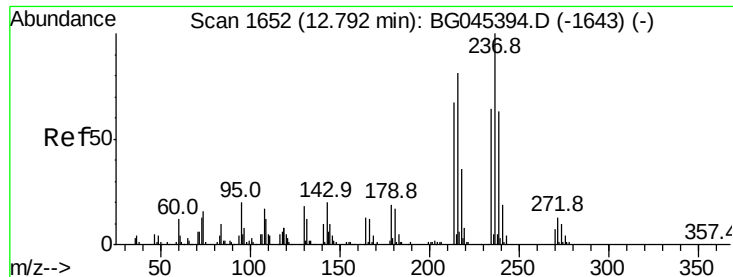
Abundance Ion 216.00 (215.70 to 216.70): E

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: 32.278 ng

RT: 12.79 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

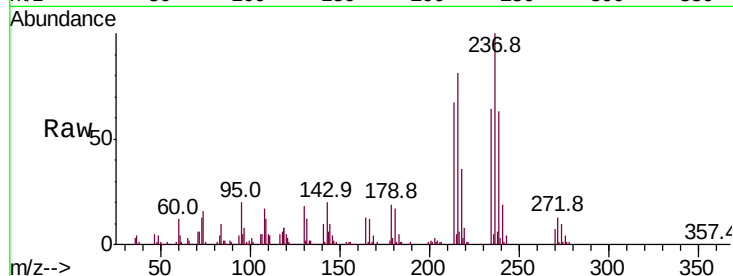
Tot Ion:237 Resp: 113701

Ion Ratio Lower Upper

237 100

235 64.4 44.4 84.4

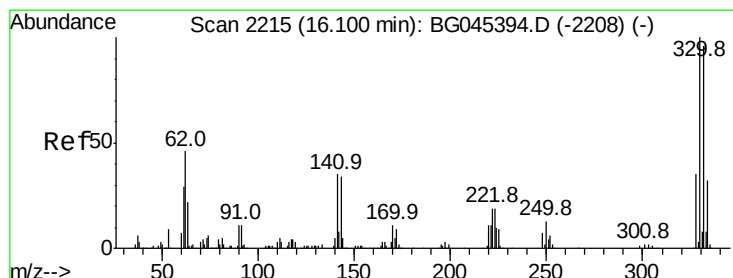
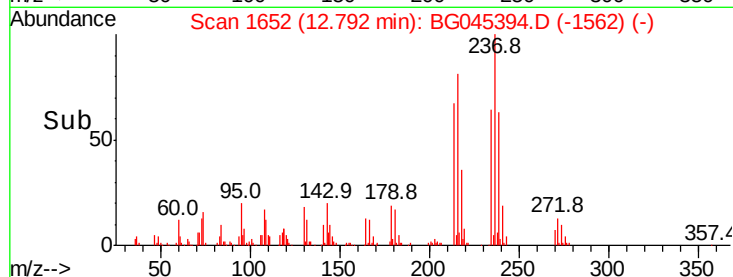
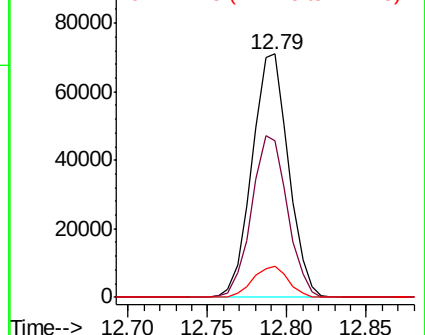
272 12.5 0.0 32.5



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: 67.840 ng

RT: 16.10 min Scan# 2215

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

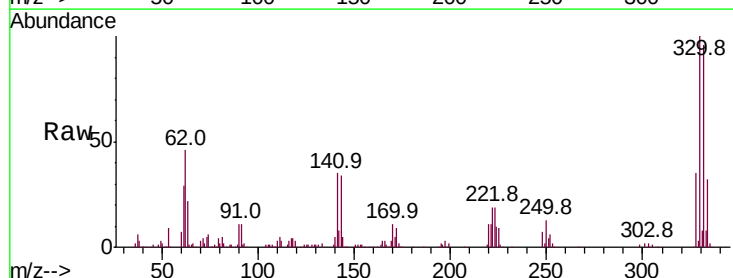
Tgt Ion:330 Resp: 183454

Ion Ratio Lower Upper

330 100

332 97.8 78.2 117.4

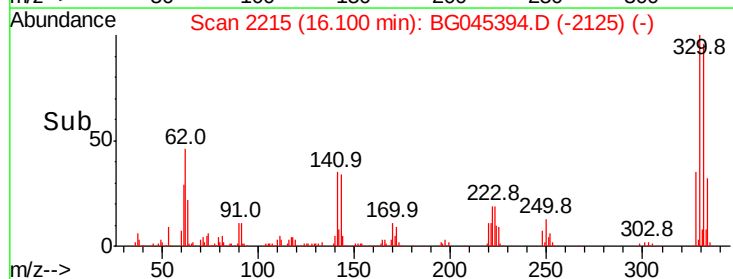
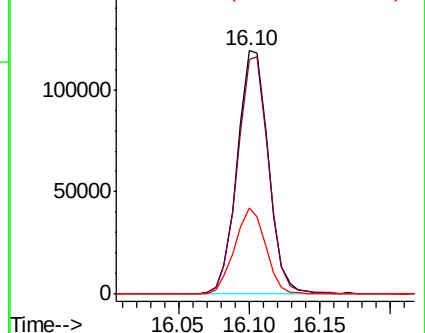
141 35.3 28.2 42.4

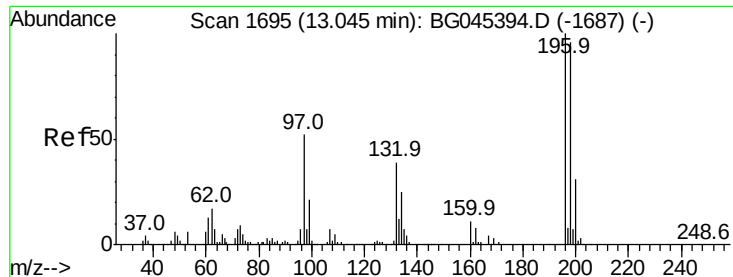


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

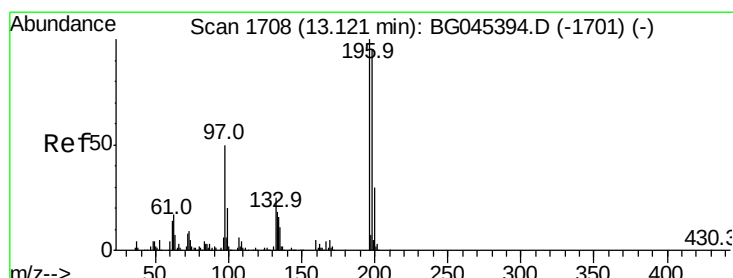
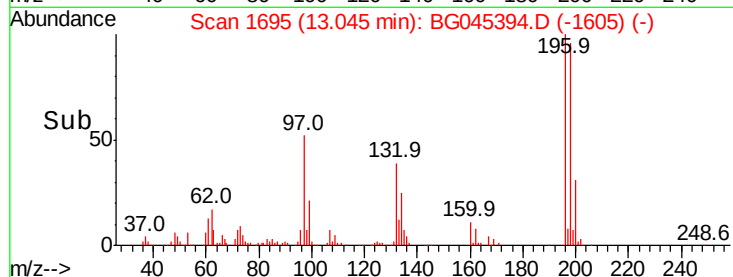
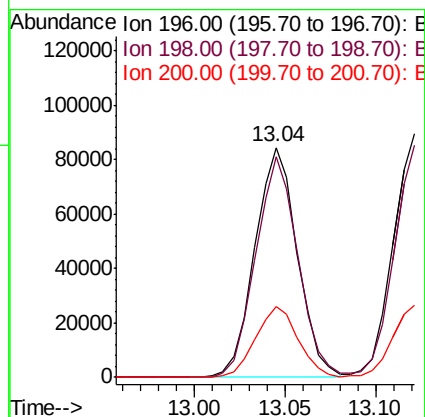
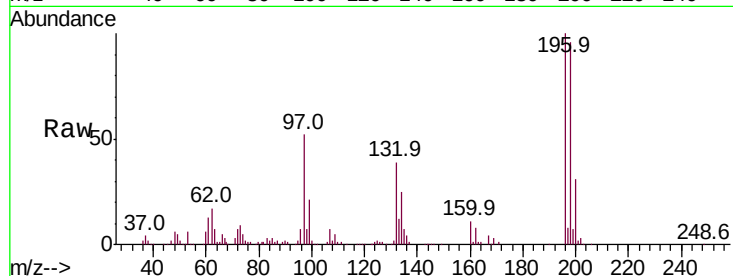




#43
 2,4,6-Trichlorophenol
 Concen: 34.666 ng
 RT: 13.04 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

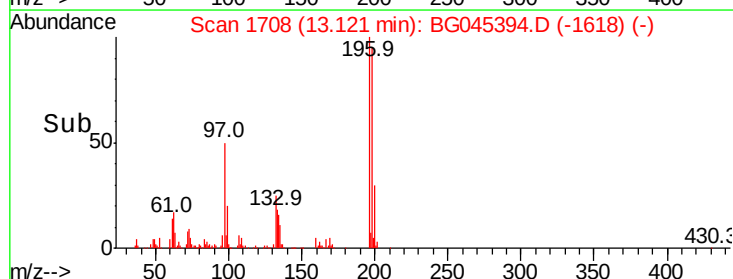
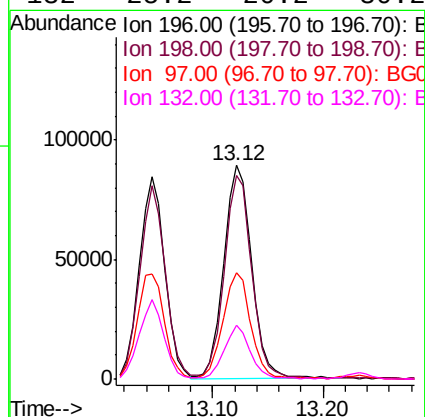
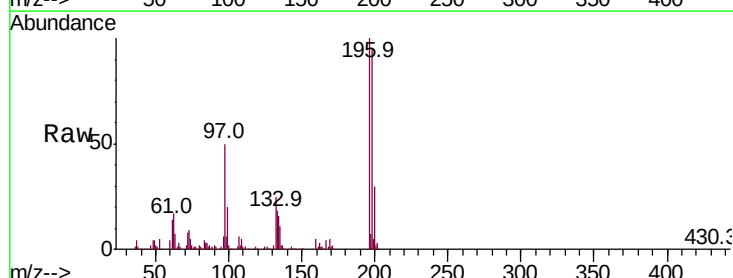
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

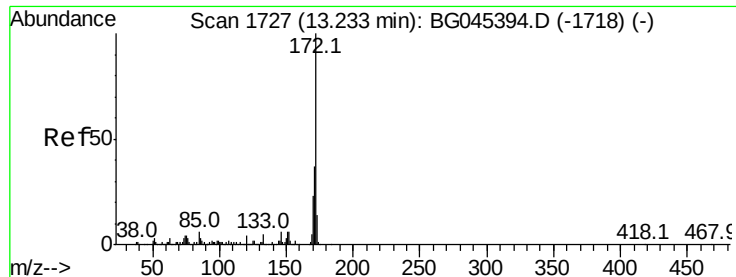
Tot Ion:196 Resp: 137892
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.7 115.1
 200 31.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 34.975 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion:196 Resp: 158353
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.1 114.1
 97 50.0 40.0 60.0
 132 25.2 20.2 30.2





#45

2-Fluorobiphenyl

Concen: 71.247 ng

RT: 13.23 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

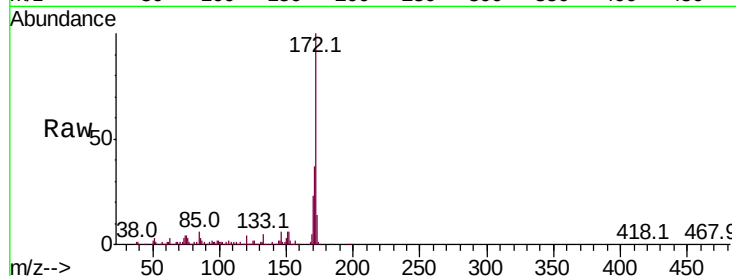
Tot Ion:172 Resp: 850536

Ion Ratio Lower Upper

172 100

171 36.9 29.5 44.3

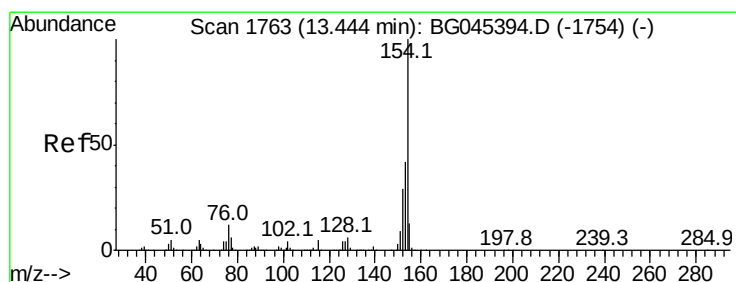
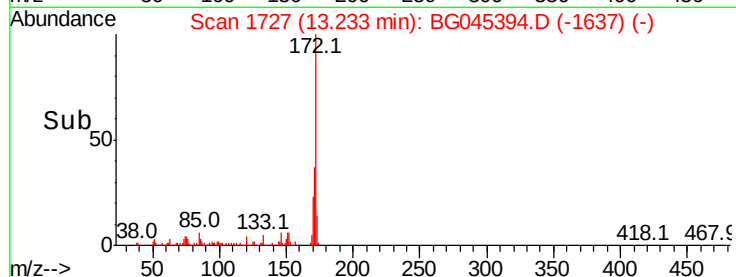
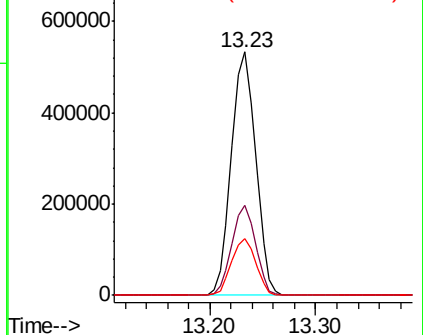
170 23.1 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 32.657 ng

RT: 13.44 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

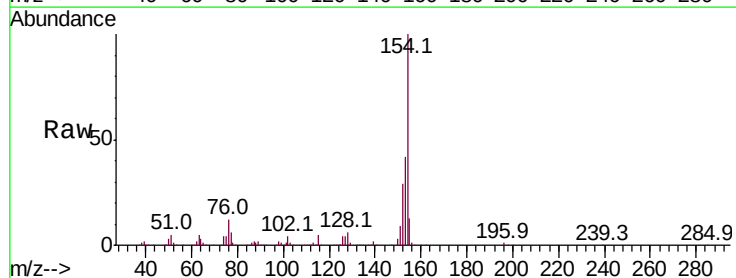
Tgt Ion:154 Resp: 434497

Ion Ratio Lower Upper

154 100

153 42.2 22.2 62.2

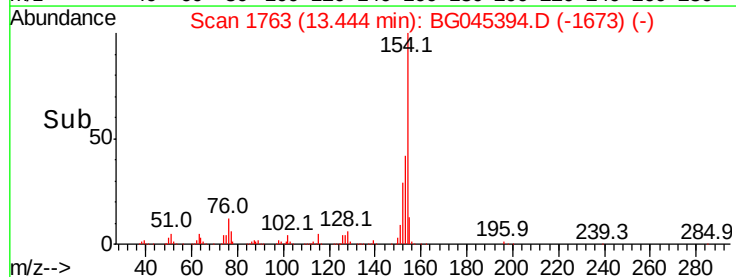
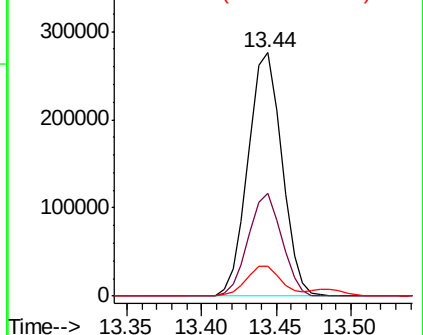
76 12.4 0.0 32.4

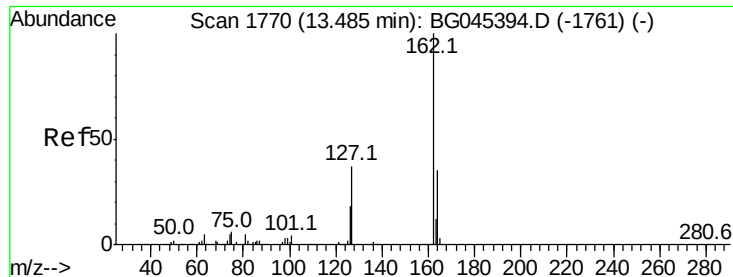


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

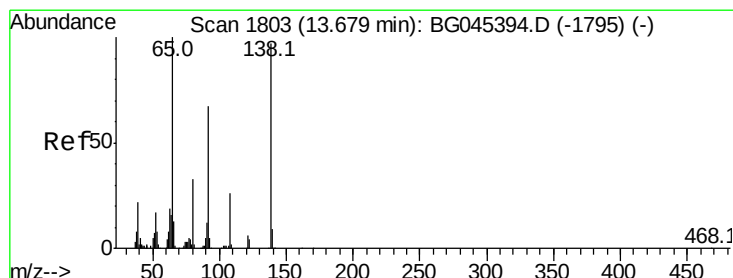
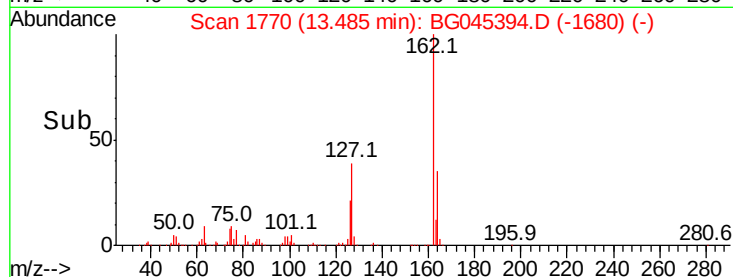
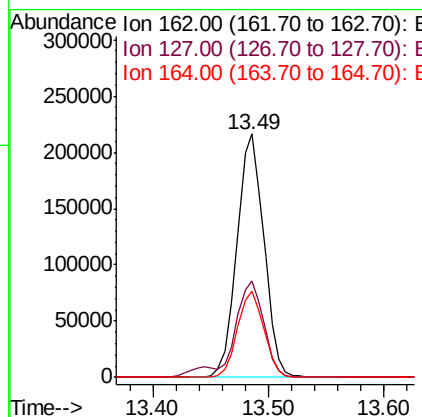
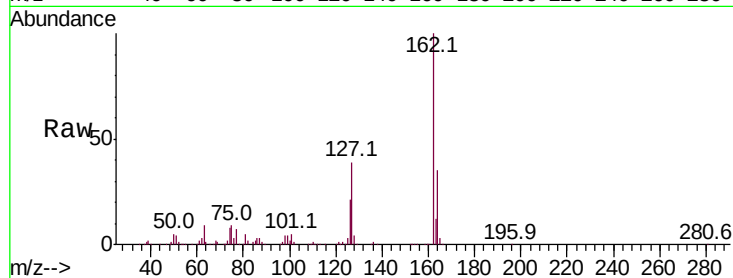




#47
 2-Chloronaphthalene
 Concen: 34.386 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

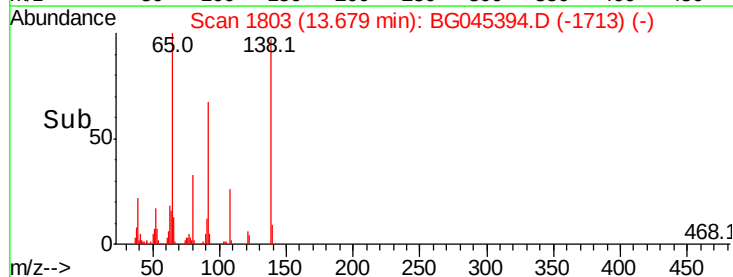
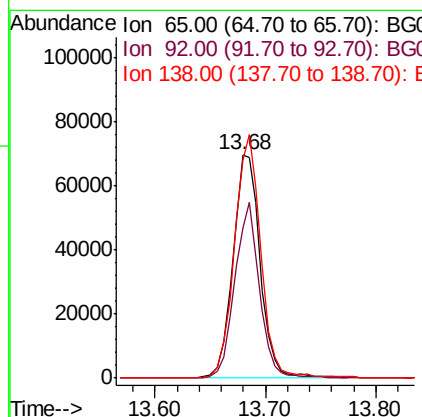
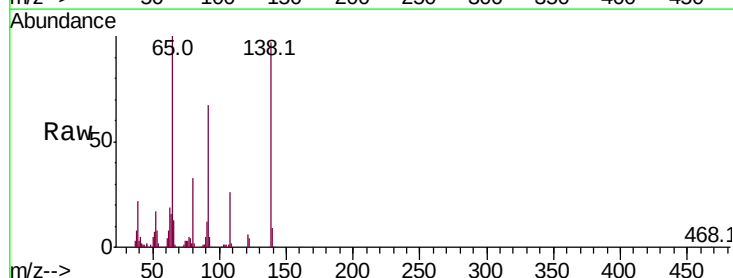
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

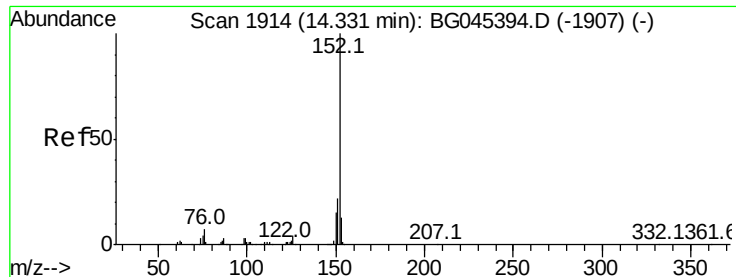
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.6	47.4
164	35.1	28.1	42.1



#48
 2-Nitroaniline
 Concen: 35.960 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.8	80.8
138	97.4	77.9	116.9





#49

Acenaphthylene

Concen: 34.407 ng

RT: 14.33 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

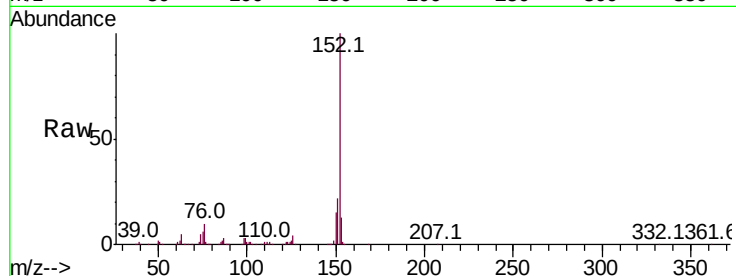
Tot Ion:152 Resp: 569748

Ion Ratio Lower Upper

152 100

151 21.8 17.4 26.2

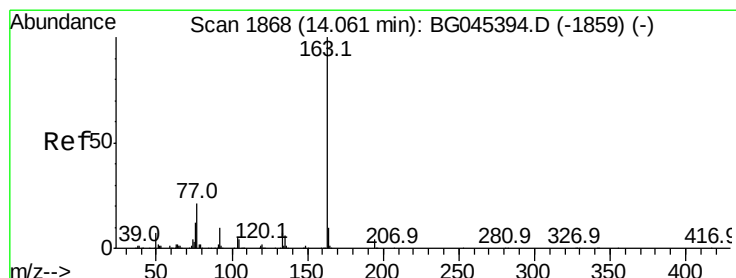
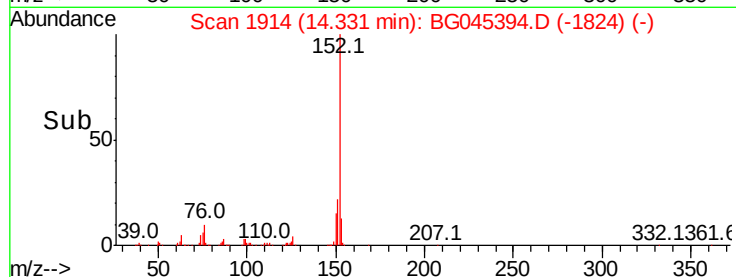
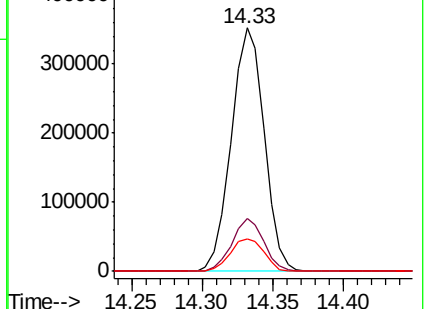
153 13.4 10.7 16.1



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: 34.997 ng

RT: 14.06 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

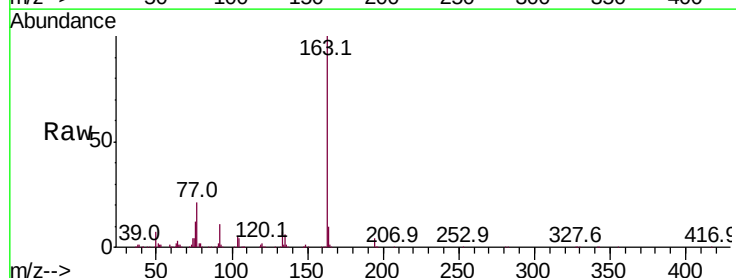
Tgt Ion:163 Resp: 498820

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

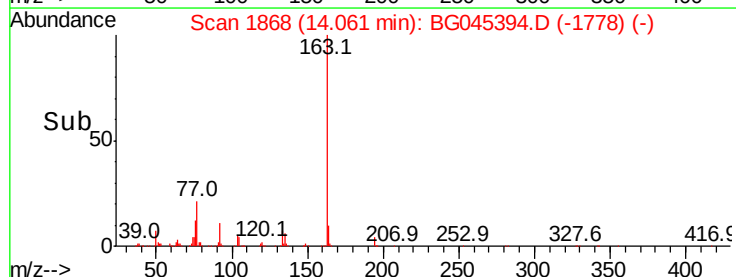
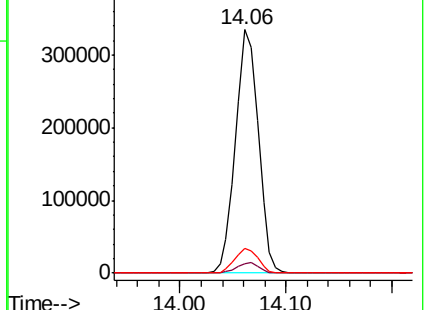
164 10.4 8.3 12.5

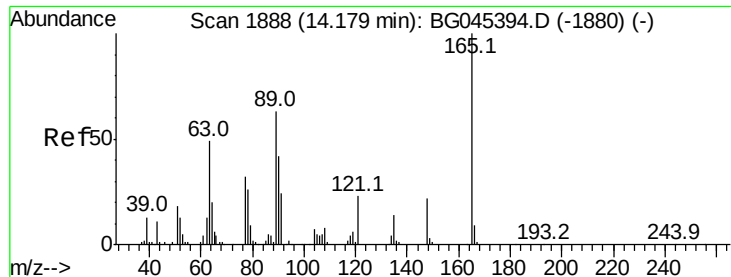


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

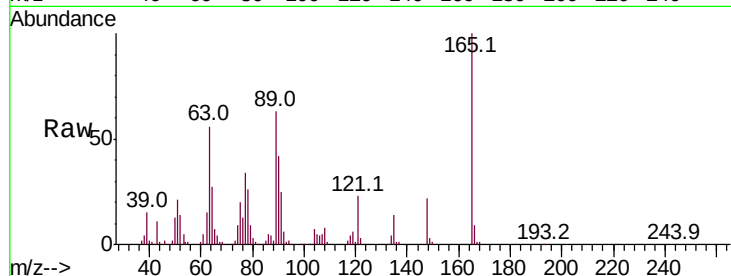




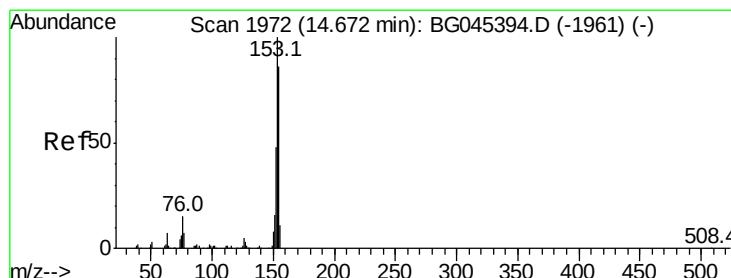
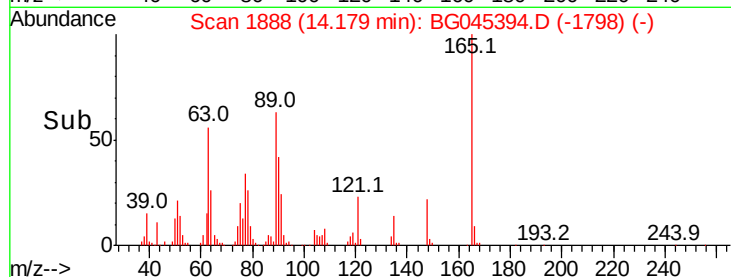
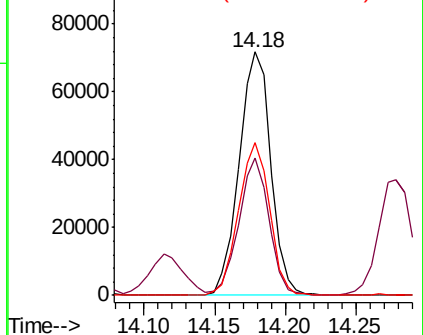
#51
 2,6-Dinitrotoluene
 Concen: 35.203 ng
 RT: 14.18 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.2	45.0	67.4
89	62.8	50.2	75.4

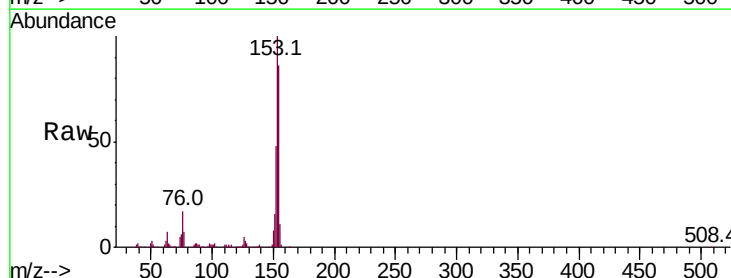


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

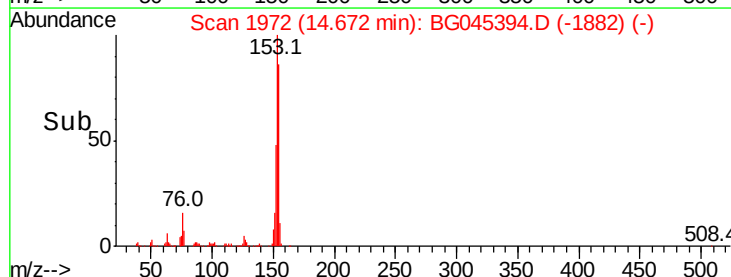
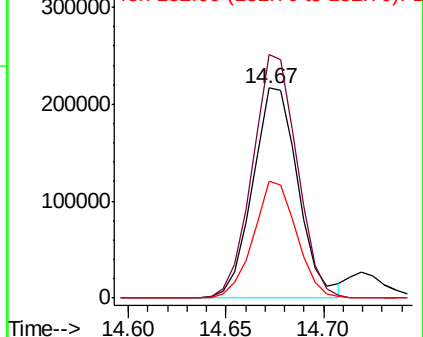


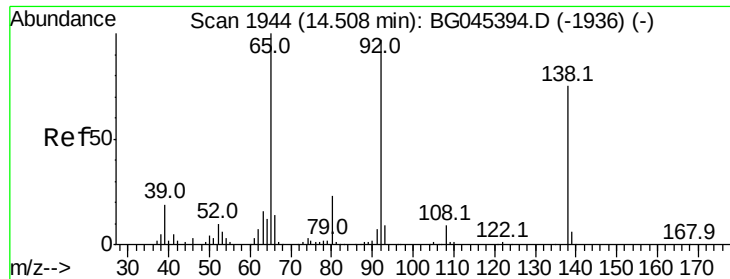
#52
 Acenaphthene
 Concen: 31.136 ng
 RT: 14.67 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.0	92.8	139.2
152	55.7	44.6	66.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.990 ng

RT: 14.51 min Scan# 1944

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

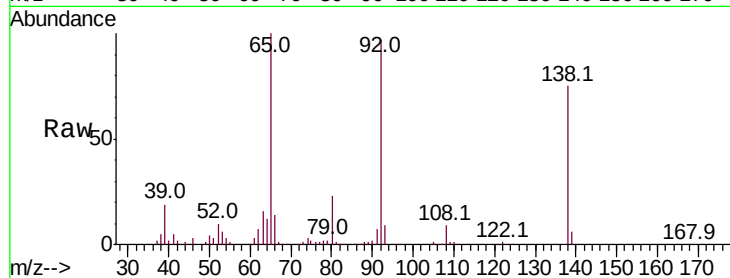
Tot Ion:138 Resp: 111852

Ion Ratio Lower Upper

138 100

108 12.2 9.8 14.6

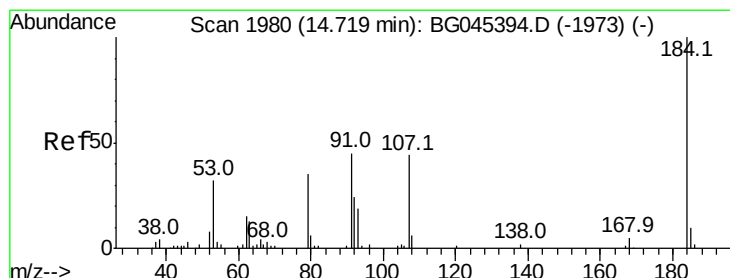
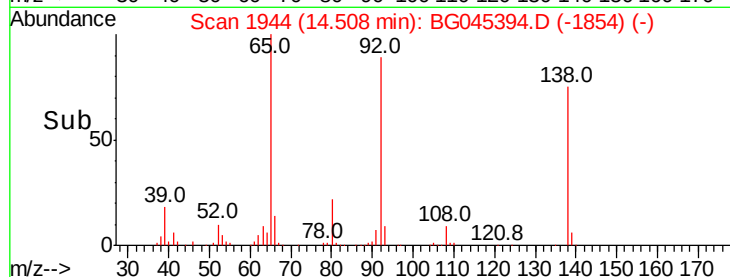
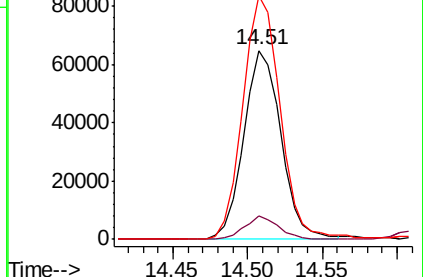
92 128.7 103.0 154.4



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: 35.043 ng

RT: 14.72 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

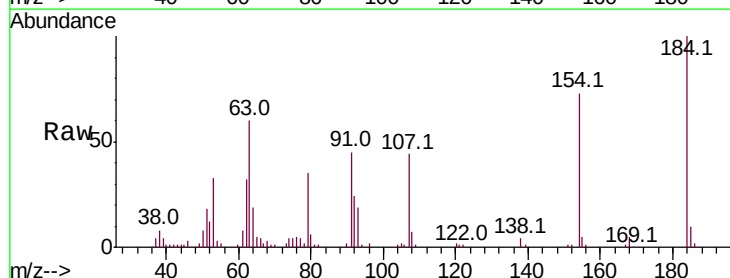
Tgt Ion:184 Resp: 66431

Ion Ratio Lower Upper

184 100

63 59.7 47.8 71.6

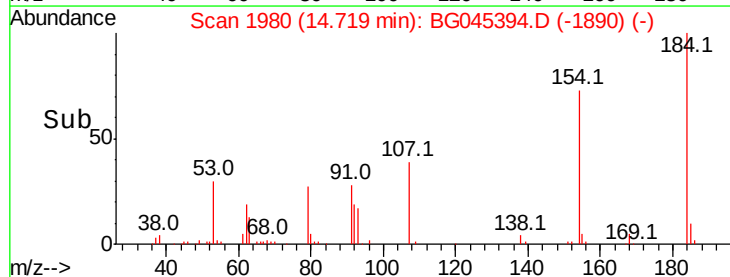
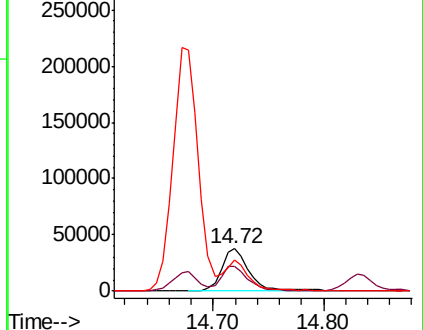
154 72.9 58.3 87.5

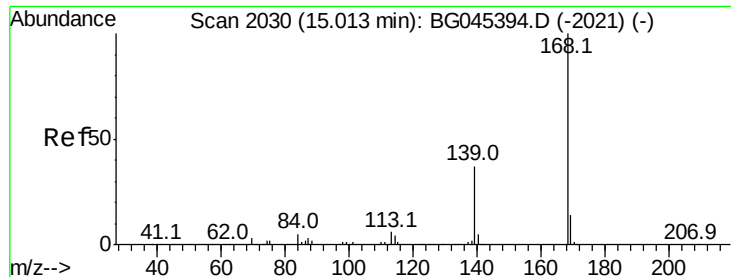


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

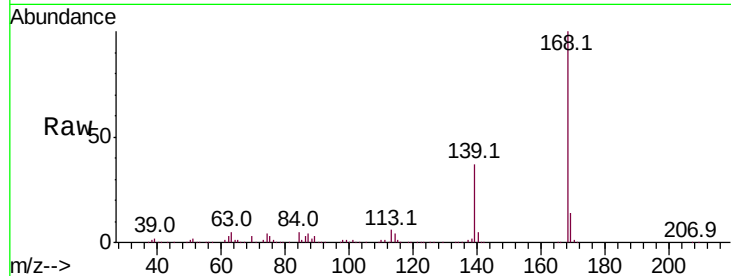




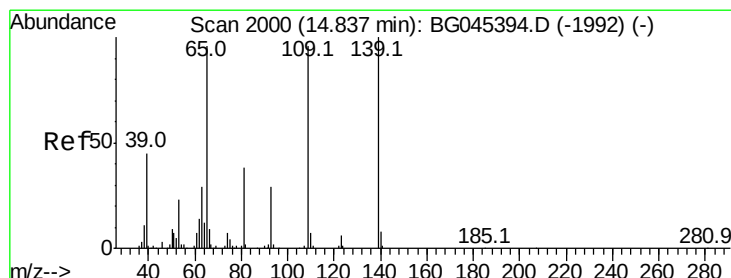
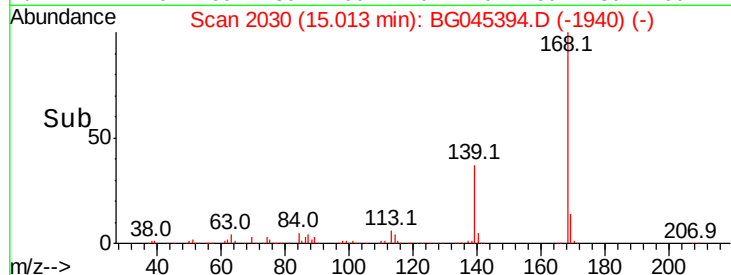
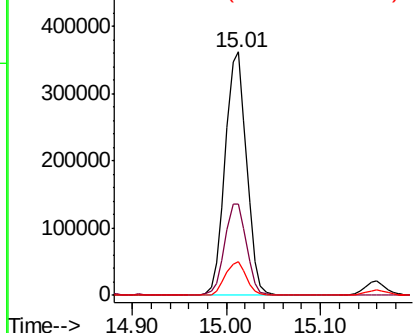
#55
Dibenzofuran
Concen: 35.204 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Tot Ion:168 Resp: 575041
Ion Ratio Lower Upper
168 100
139 37.4 29.9 44.9
169 13.6 10.9 16.3

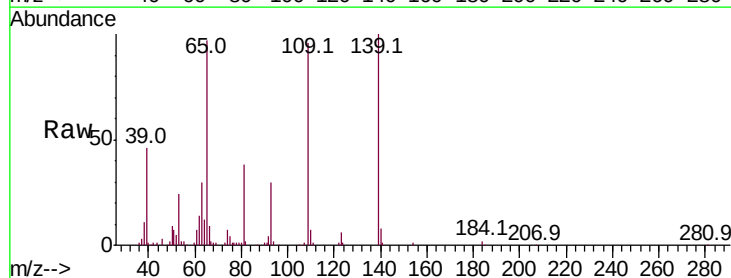


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

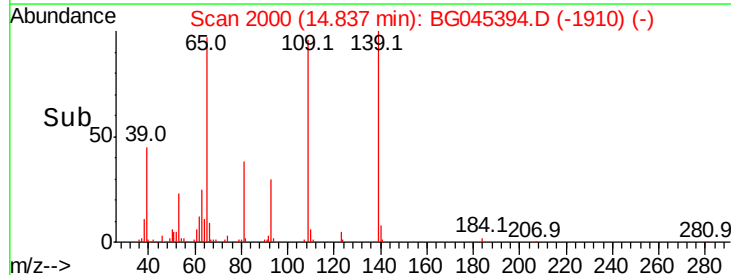
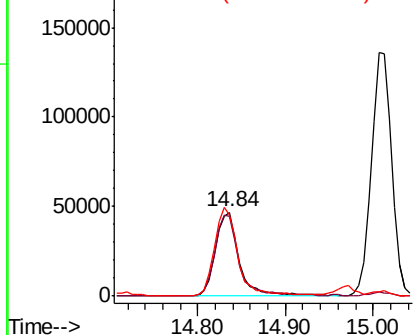


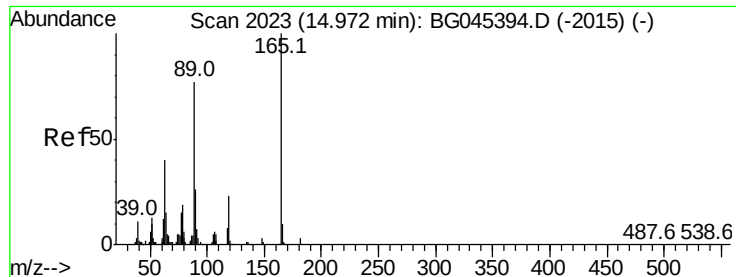
#56
4-Nitrophenol
Concen: 32.866 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion:139 Resp: 89101
Ion Ratio Lower Upper
139 100
109 95.6 75.6 115.6
65 96.8 76.8 116.8



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





#57

2,4-Dinitrotoluene

Concen: 34.297 ng

RT: 14.97 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:165 Resp: 159787

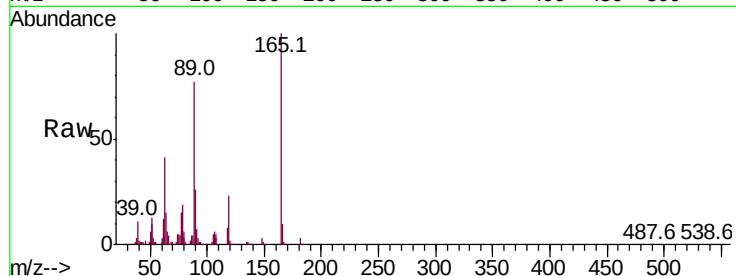
Ion Ratio Lower Upper

165 100

63 40.6 32.5 48.7

89 77.2 61.8 92.6

182 2.9 2.3 3.5

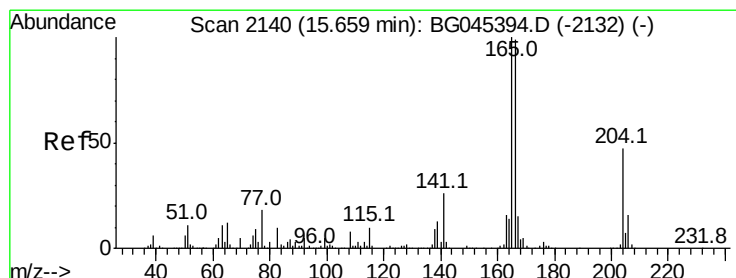
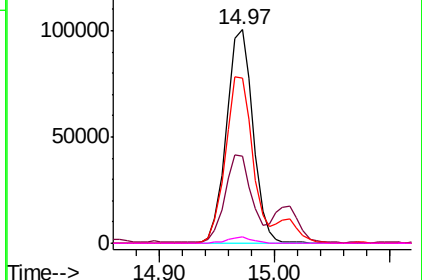
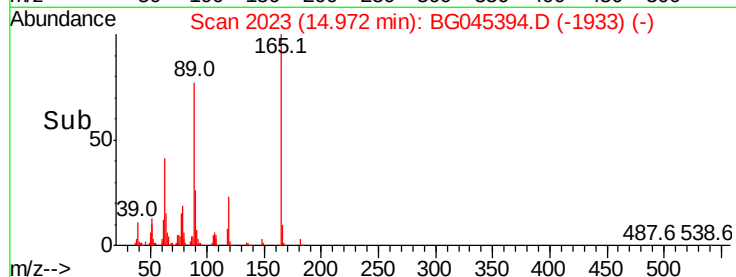


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 35.279 ng

RT: 15.66 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

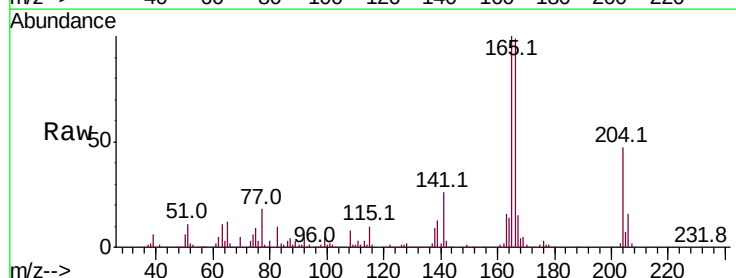
Tgt Ion:166 Resp: 470702

Ion Ratio Lower Upper

166 100

165 101.0 80.8 121.2

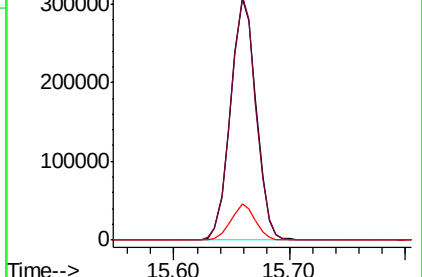
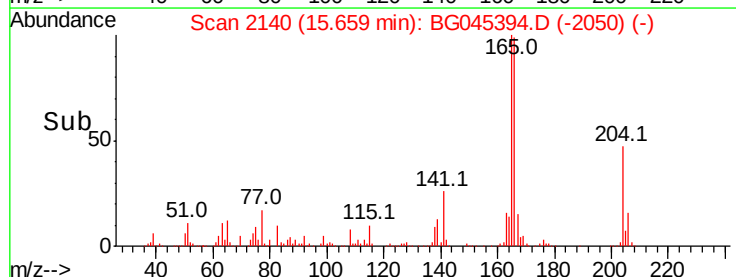
167 15.0 12.0 18.0

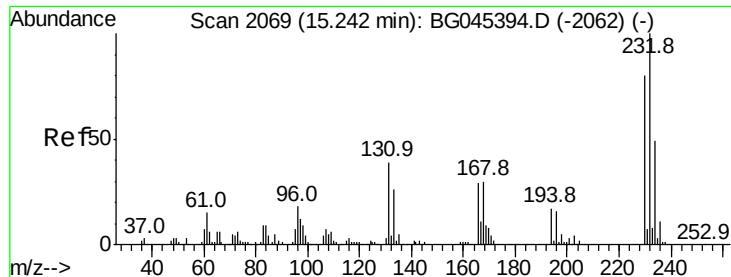


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 34.813 ng

RT: 15.24 min Scan# 2069

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion:232 Resp: 140248

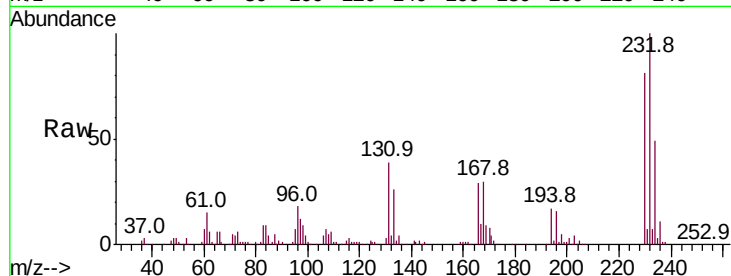
Ion Ratio Lower Upper

232 100

131 42.1 33.7 50.5

130 2.6 2.1 3.1

166 29.0 23.2 34.8

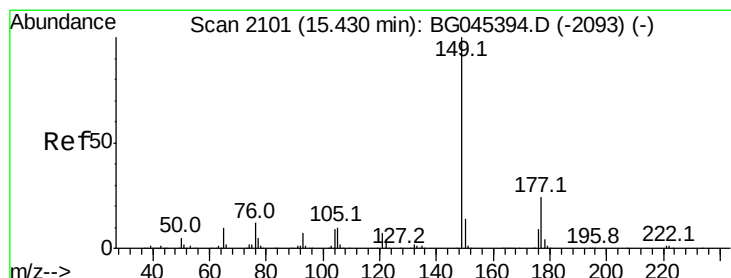
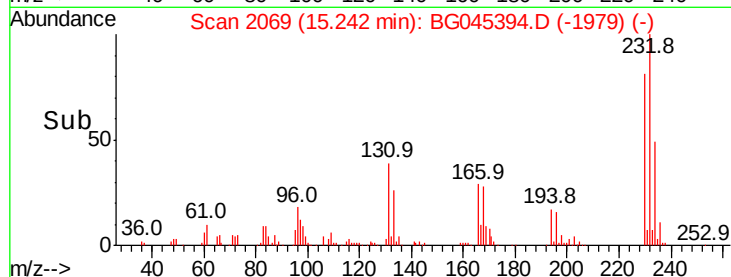
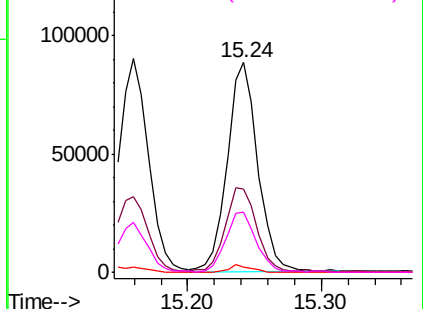


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 34.836 ng

RT: 15.43 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

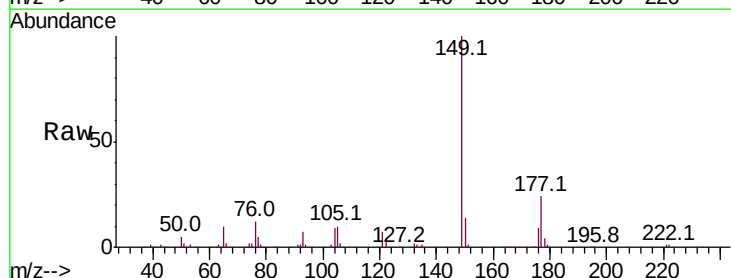
Tgt Ion:149 Resp: 517672

Ion Ratio Lower Upper

149 100

177 23.7 19.0 28.4

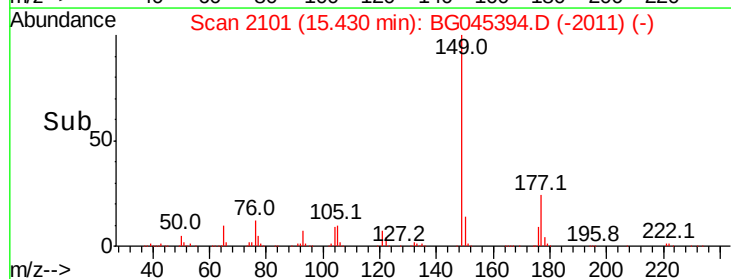
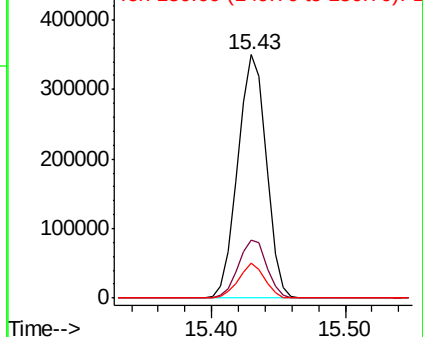
150 14.2 11.4 17.0

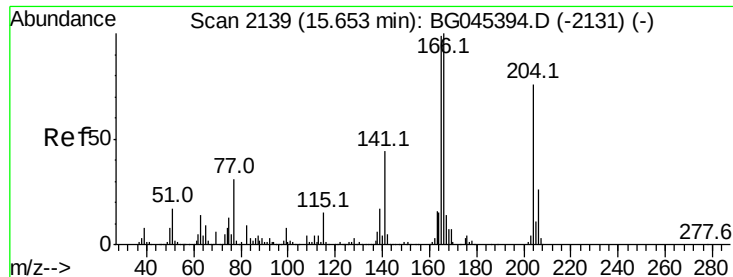


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

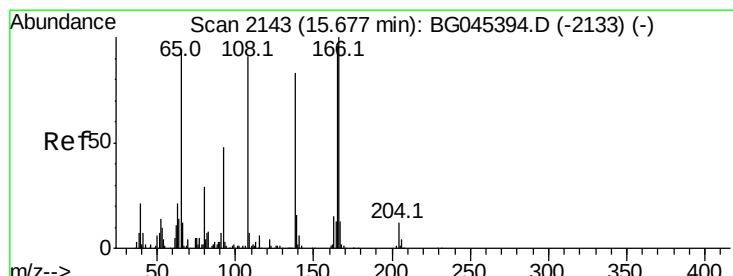
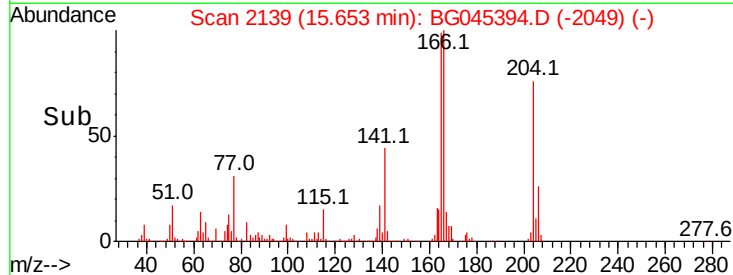
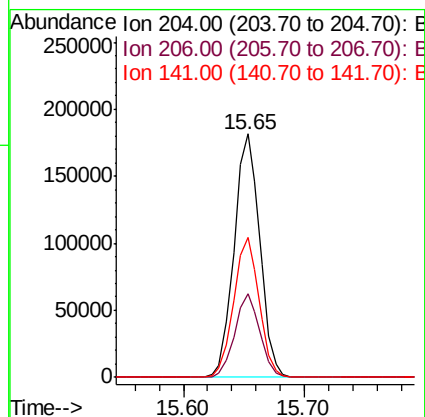
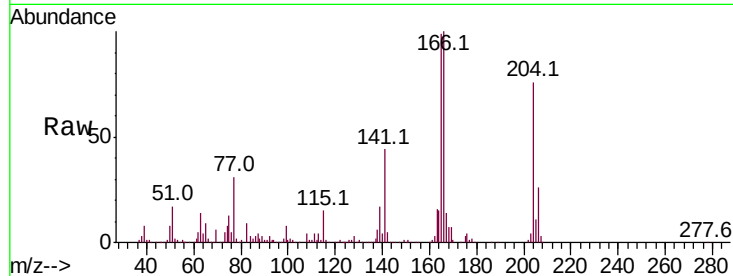




#61
4-Chlorophenyl-phenylether
Concen: 34.988 ng
RT: 15.65 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

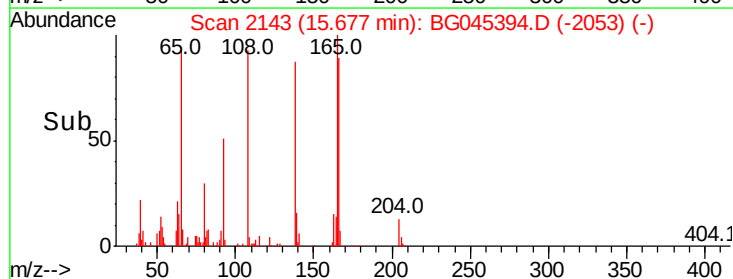
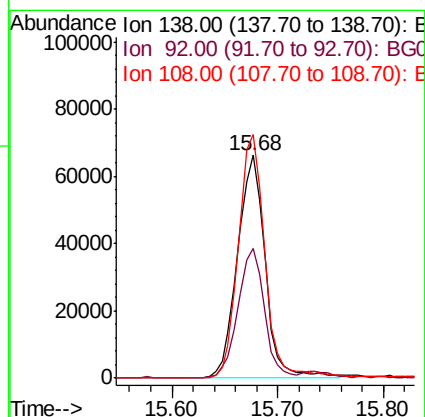
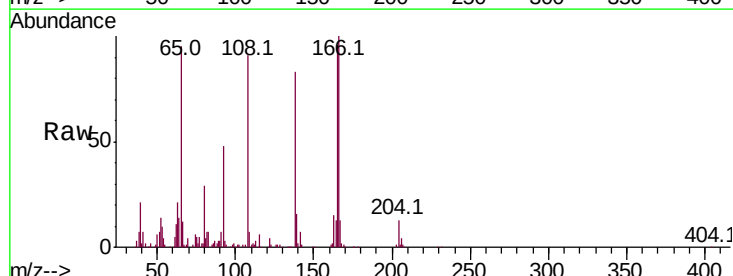
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

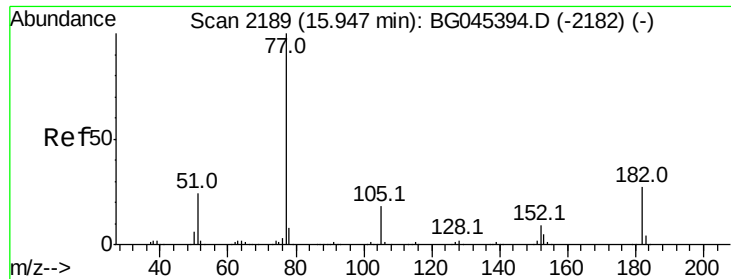
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	27.3	40.9
141	57.4	45.9	68.9



#62
4-Nitroaniline
Concen: 33.085 ng
RT: 15.68 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.0	38.0	78.0
108	109.3	89.3	129.3





#63

Azobenzene

Concen: 34.985 ng

RT: 15.95 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 479321

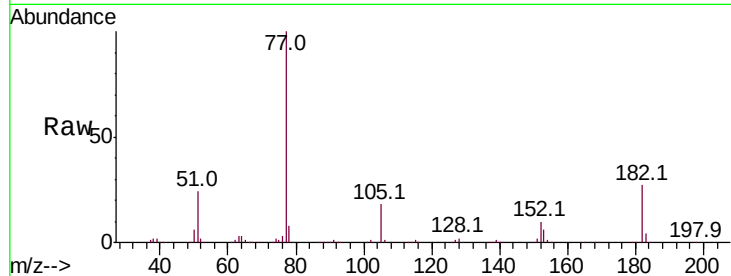
Ion Ratio Lower Upper

77 100

182 26.5 6.5 46.5

105 17.9 0.0 37.9

51 24.1 4.1 44.1

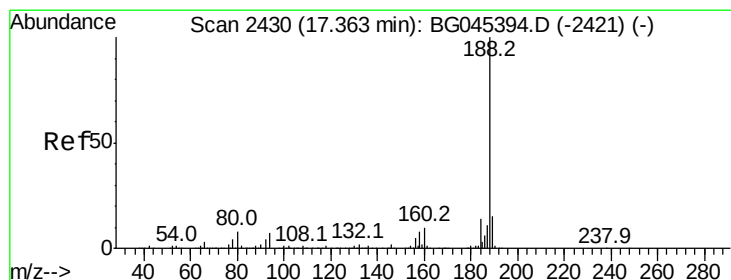
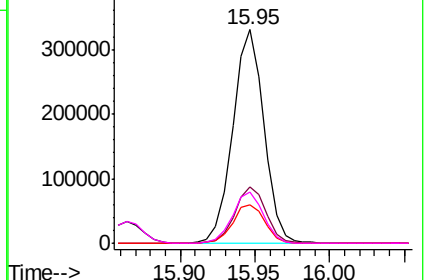
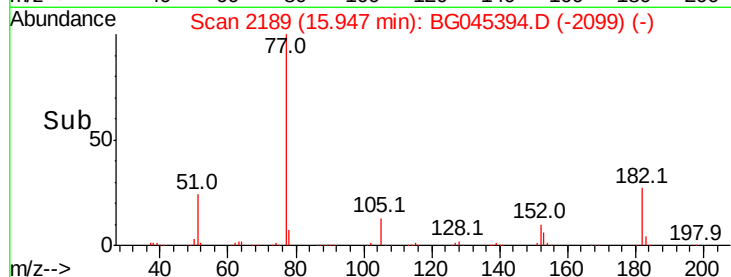


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.36 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

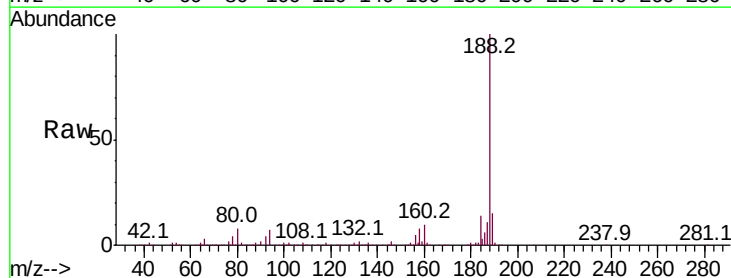
Tgt Ion: 188 Resp: 440038

Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

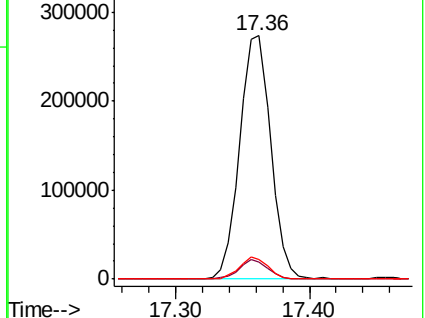
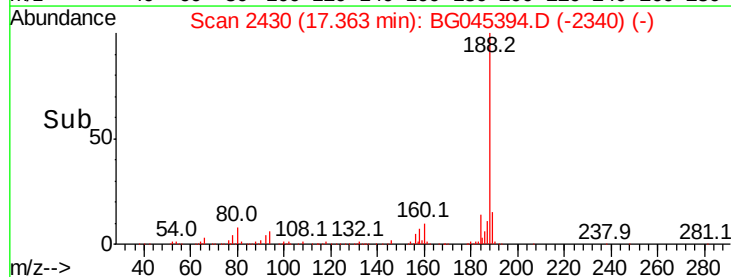
80 8.3 6.6 10.0

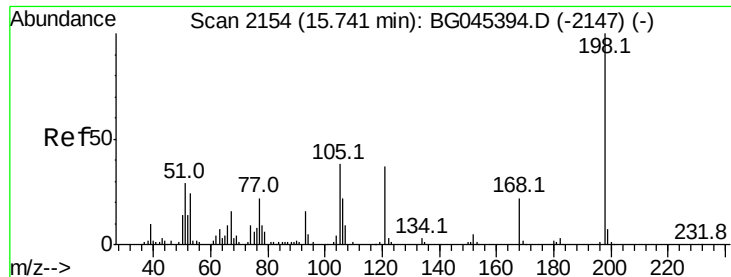


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

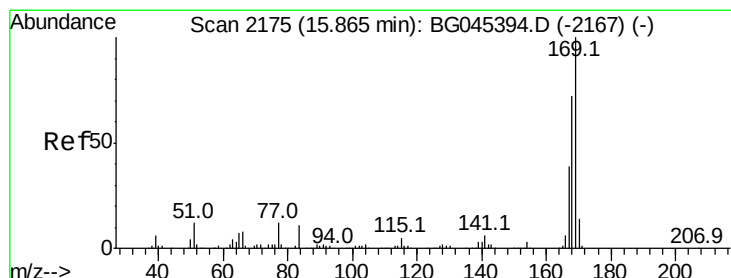
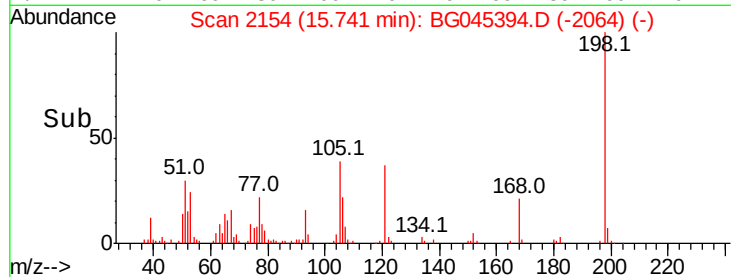
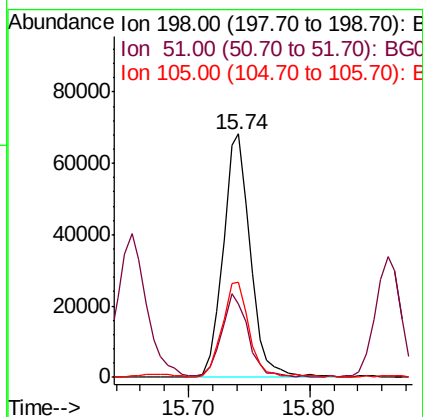
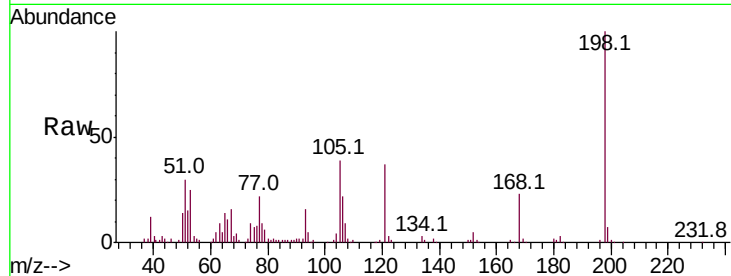




#65
4,6-Dinitro-2-methylphenol
Concen: 36.589 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

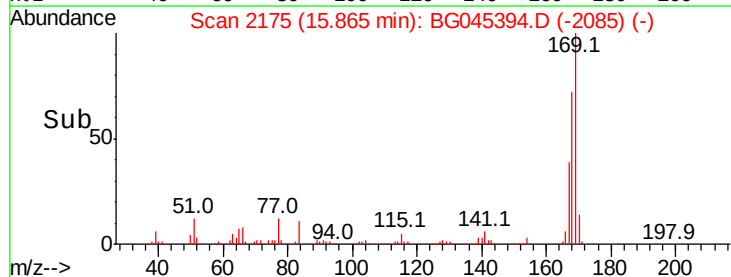
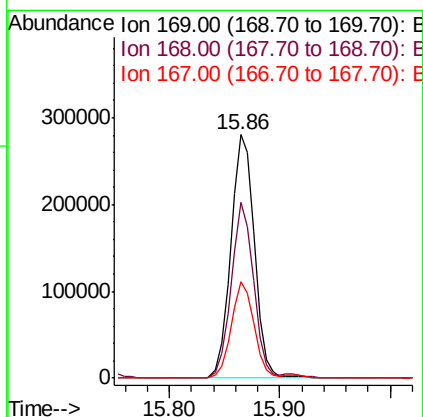
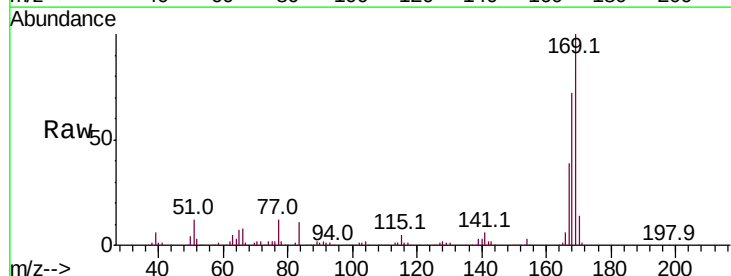
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

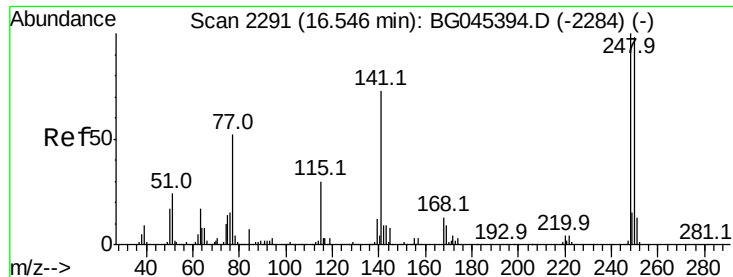
Tot Ion	Ratio	Lower	Upper
198	100		
51	30.0	10.0	50.0
105	38.9	18.9	58.9



#66
n-Nitrosodiphenylamine
Concen: 33.193 ng
RT: 15.86 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.2	57.8	86.6
167	39.4	31.5	47.3

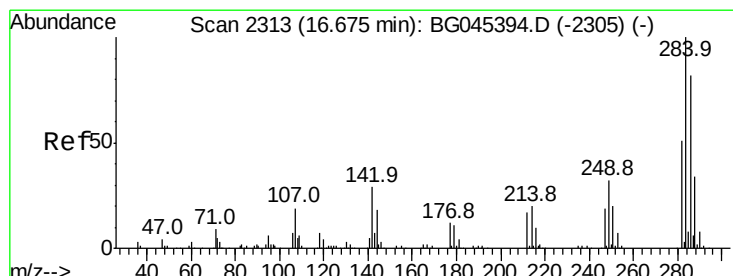
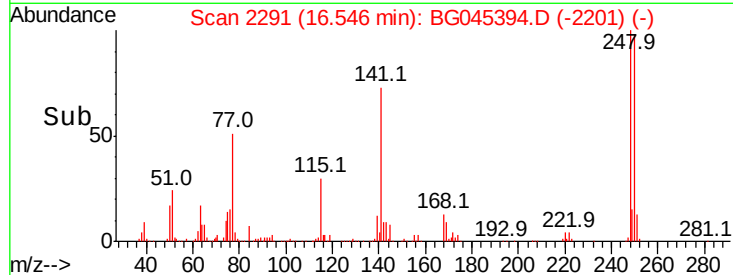
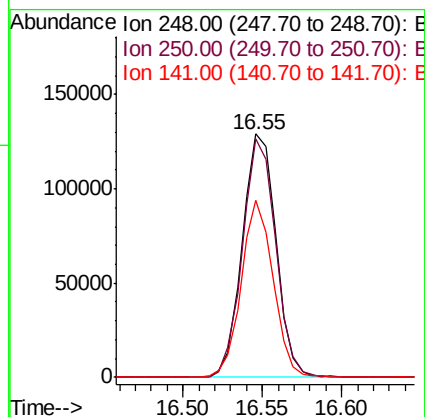
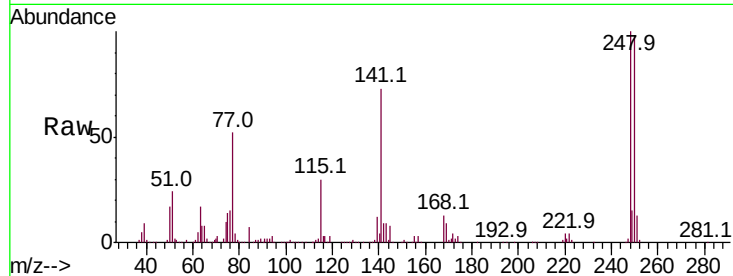




#67
 4-Bromophenyl-phenylether
 Concen: 33.590 ng
 RT: 16.55 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

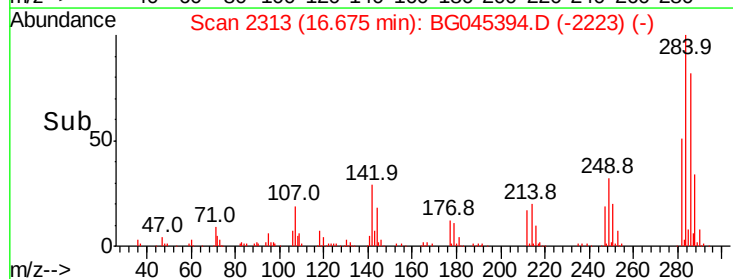
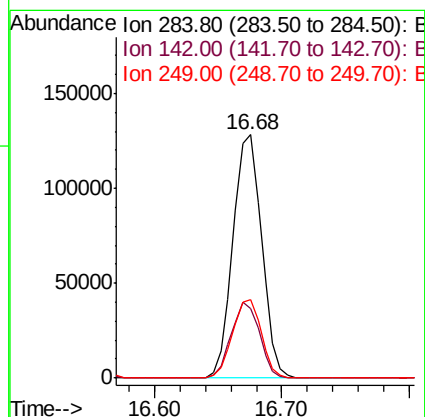
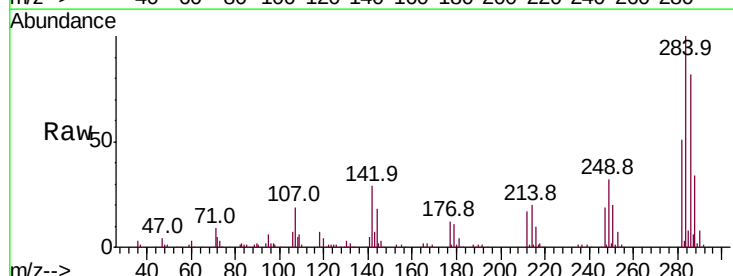
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC040

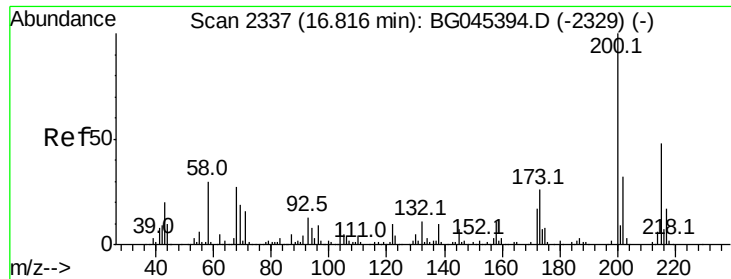
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.6	117.8
141	72.7	58.2	87.2



#68
 Hexachlorobenzene
 Concen: 33.958 ng
 RT: 16.68 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.8	23.0	34.6
249	32.2	25.8	38.6





#69

Atrazine

Concen: 35.010 ng

RT: 16.82 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

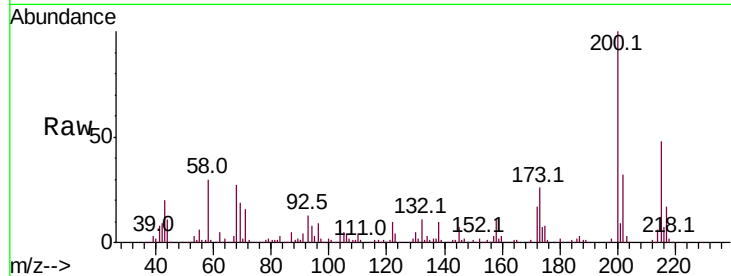
Tot Ion:200 Resp: 176923

Ion Ratio Lower Upper

200 100

173 25.5 5.5 45.5

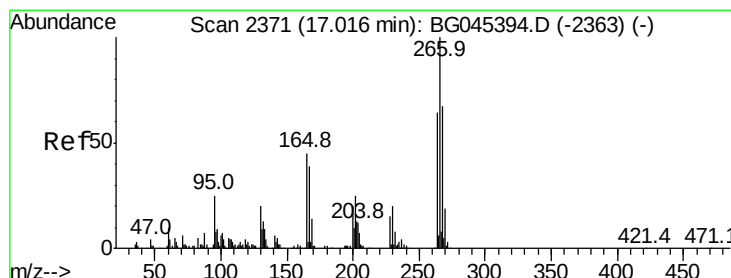
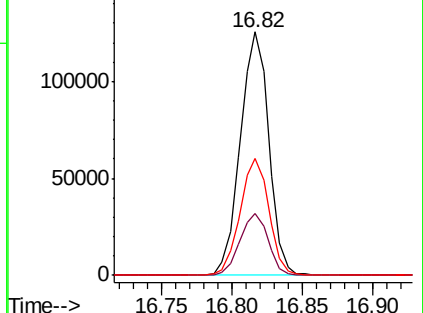
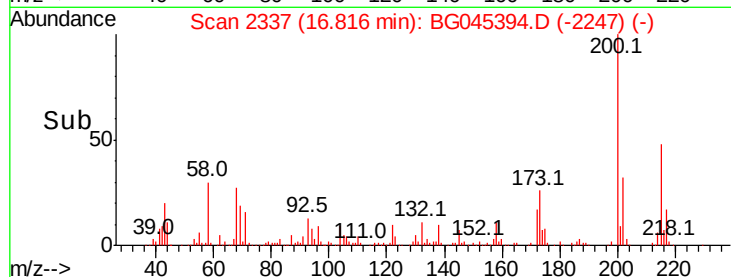
215 48.2 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 29.551 ng

RT: 17.02 min Scan# 2371

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

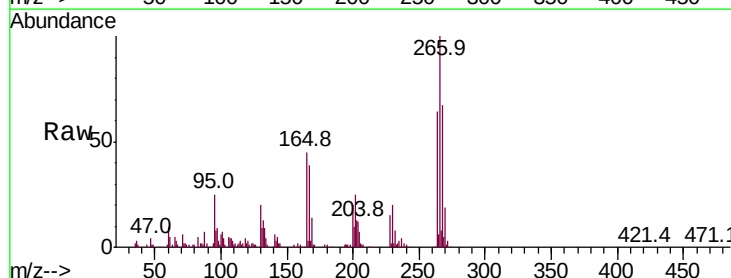
Tgt Ion:266 Resp: 106734

Ion Ratio Lower Upper

266 100

268 66.5 53.2 79.8

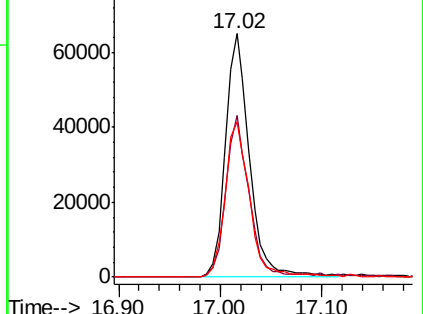
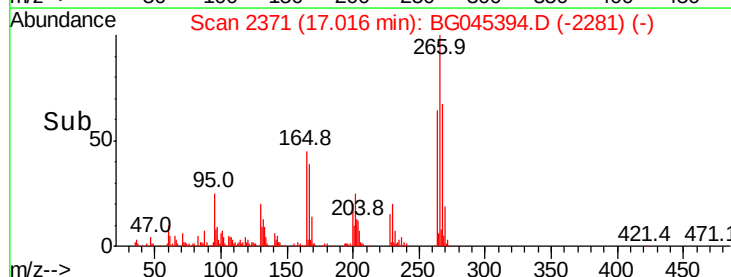
264 63.7 51.0 76.4

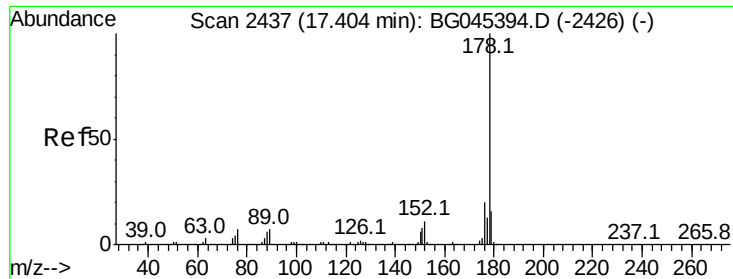


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

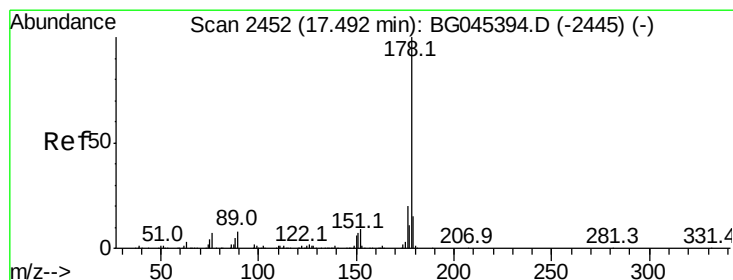
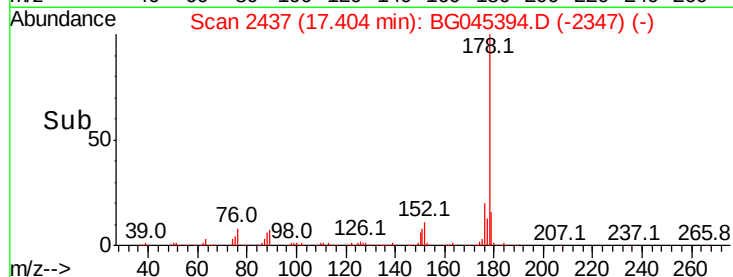
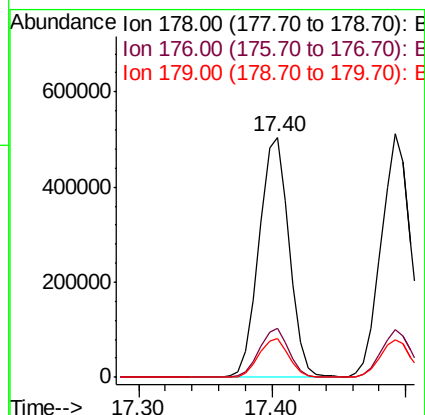
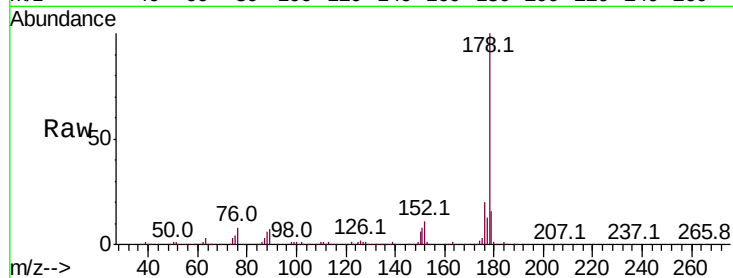




#71
Phenanthrene
Concen: 34.562 ng
RT: 17.40 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

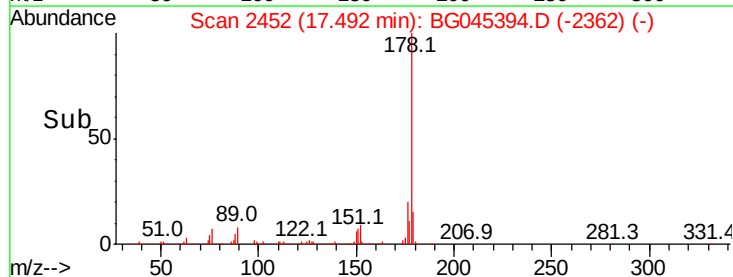
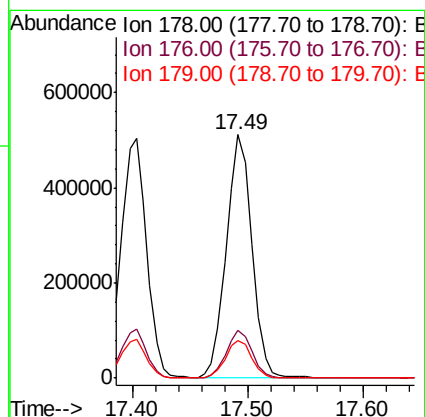
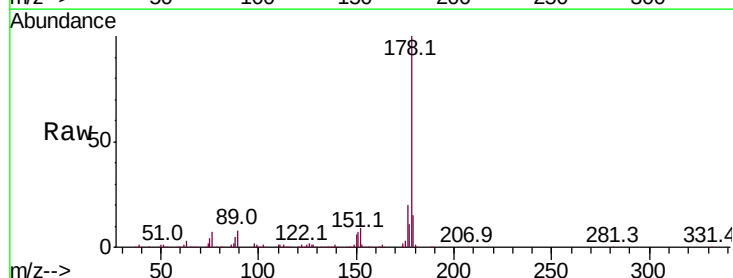
Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

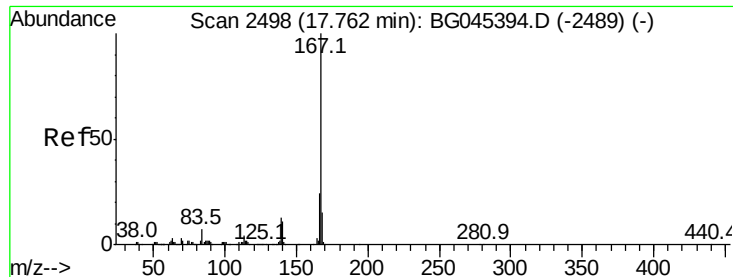
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	16.4	13.1	19.7



#72
Anthracene
Concen: 34.516 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG045394.D
Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.6
179	15.3	12.2	18.4





#73

Carbazole

Concen: 33.507 ng

RT: 17.76 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

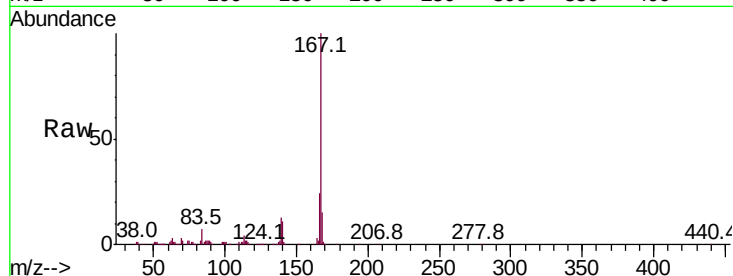
Tot Ion:167 Resp: 771276

Ion Ratio Lower Upper

167 100

166 24.0 19.2 28.8

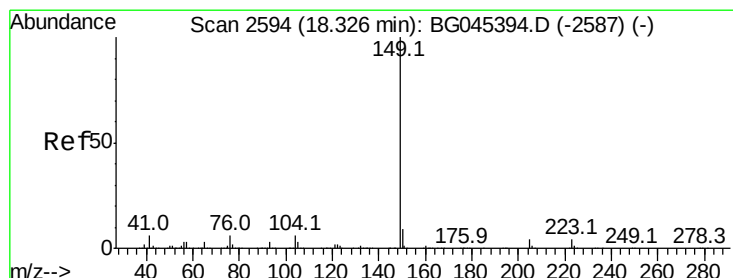
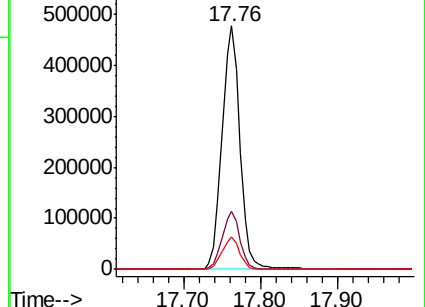
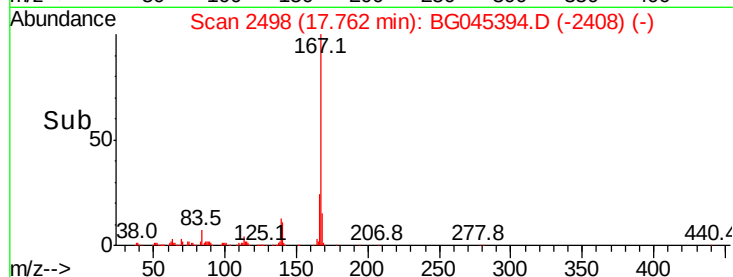
139 13.3 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 34.836 ng

RT: 18.33 min Scan# 2594

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

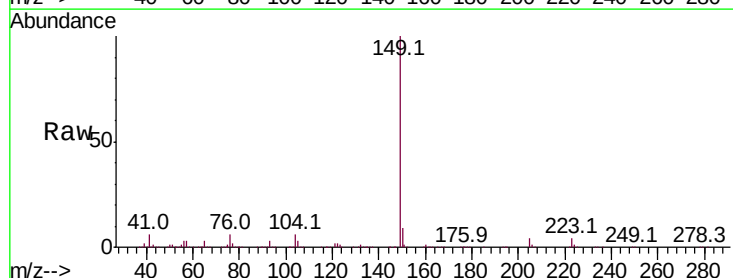
Tgt Ion:149 Resp: 940304

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

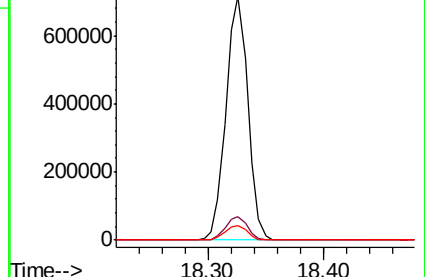
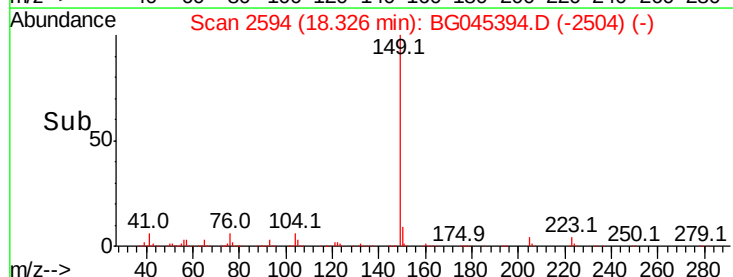
104 6.2 5.0 7.4

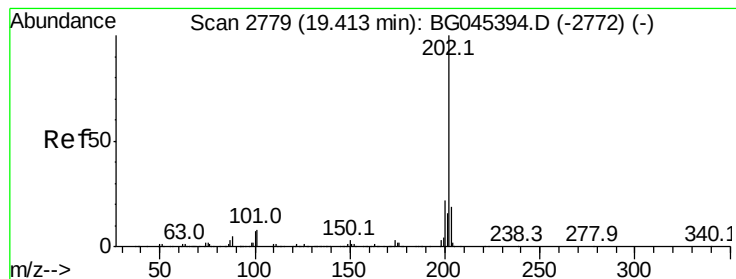


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.451 ng

RT: 19.41 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

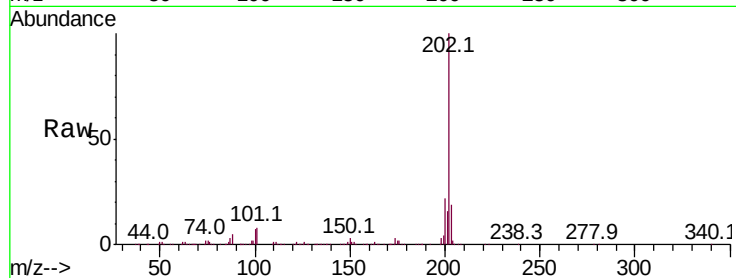
Tot Ion:202 Resp: 1017513

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.3

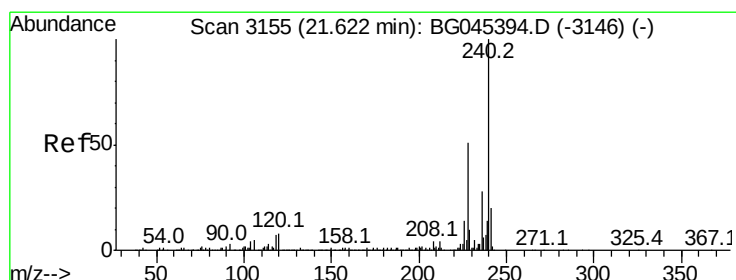
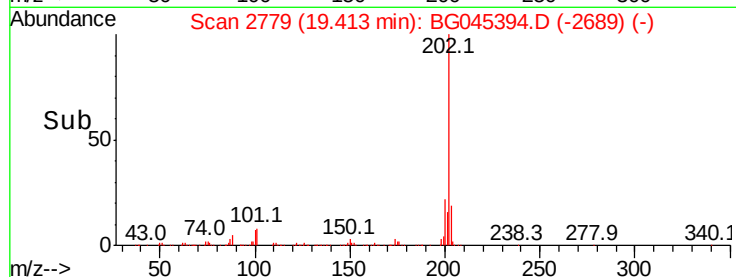
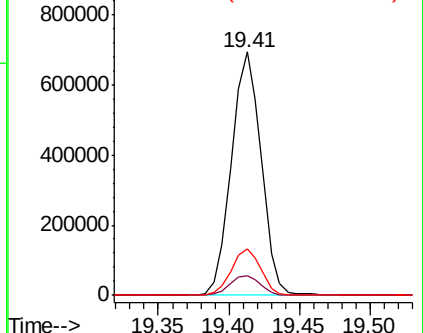
203 19.0 0.0 39.0



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: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

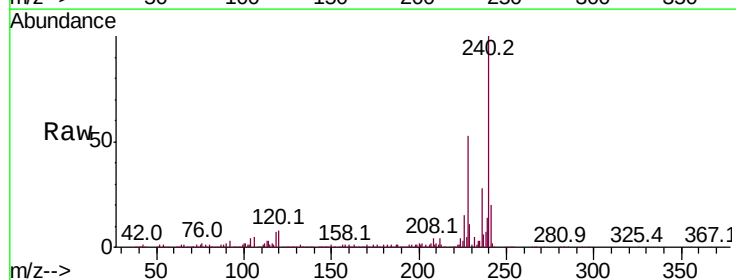
Tgt Ion:240 Resp: 438948

Ion Ratio Lower Upper

240 100

120 7.6 6.1 9.1

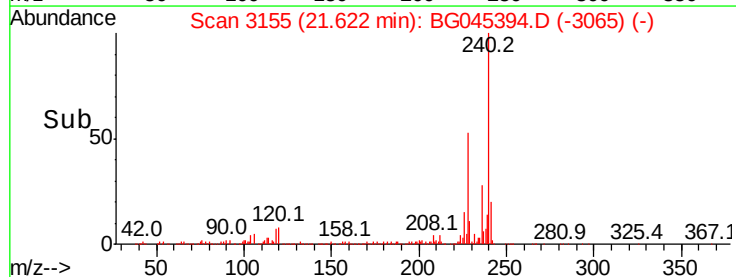
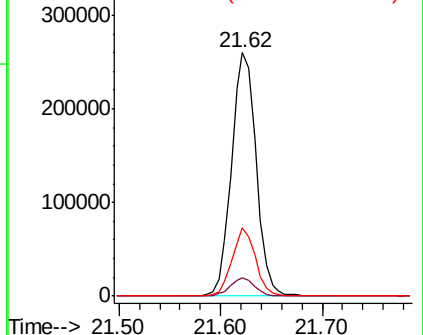
236 27.9 22.3 33.5

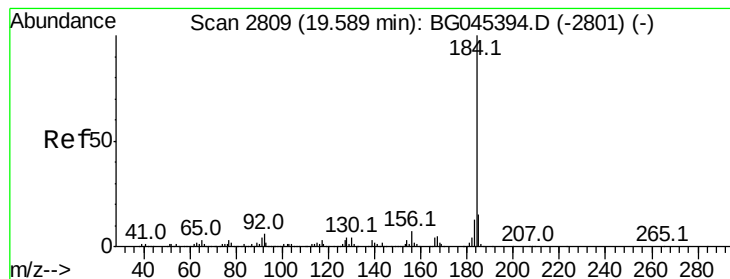


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.398 ng

RT: 19.59 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

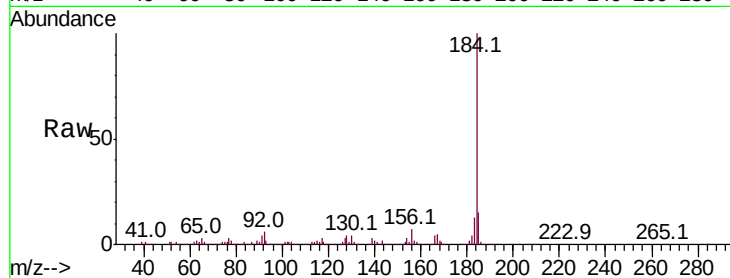
Tot Ion:184 Resp: 514154

Ion Ratio Lower Upper

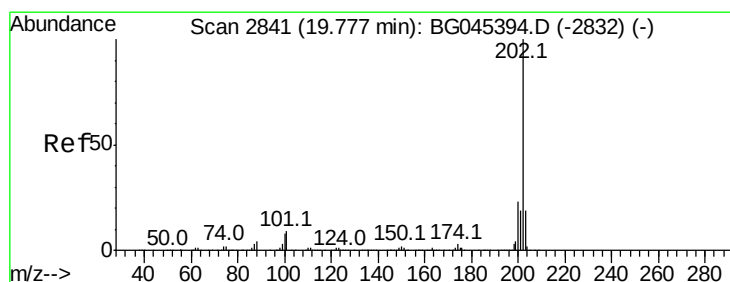
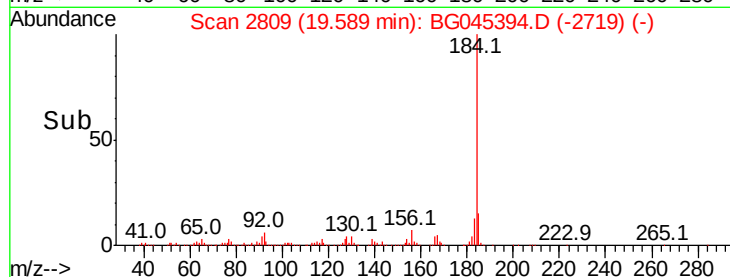
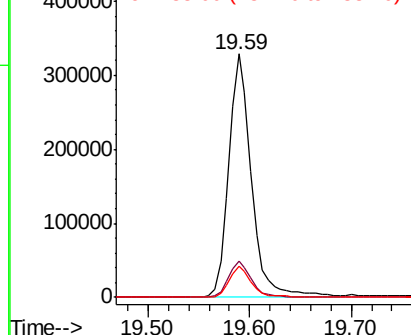
184 100

185 14.6 11.7 17.5

183 12.8 10.2 15.4



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



#78

Pyrene

Concen: 34.074 ng

RT: 19.78 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

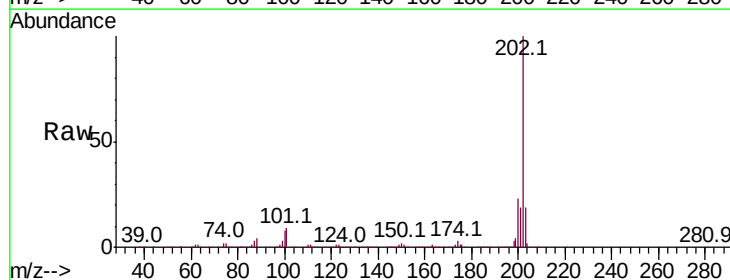
Tgt Ion:202 Resp: 1031118

Ion Ratio Lower Upper

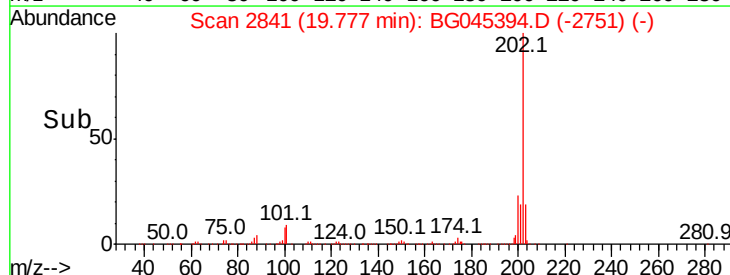
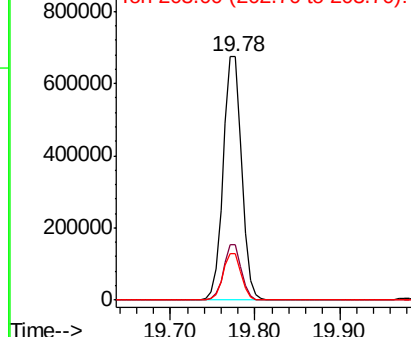
202 100

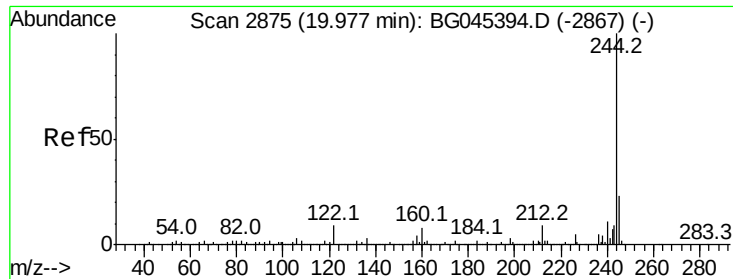
200 22.7 18.2 27.2

203 18.9 15.1 22.7



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: 77.670 ng

RT: 19.98 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

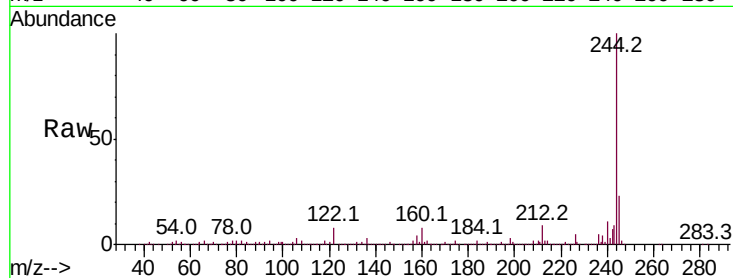
Tot Ion:244 Resp: 1564206

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	8.5	6.8	10.2

244 100

212 9.2 7.4 11.0

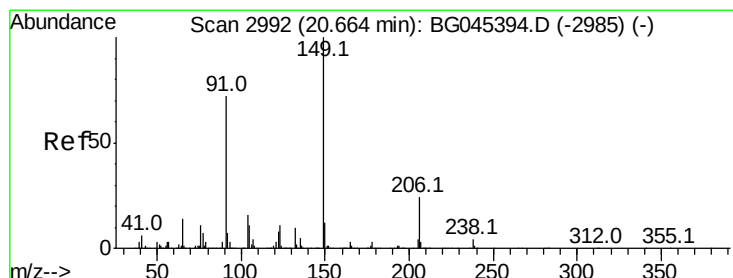
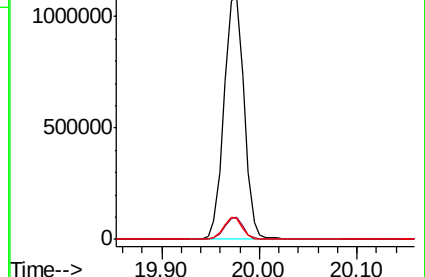
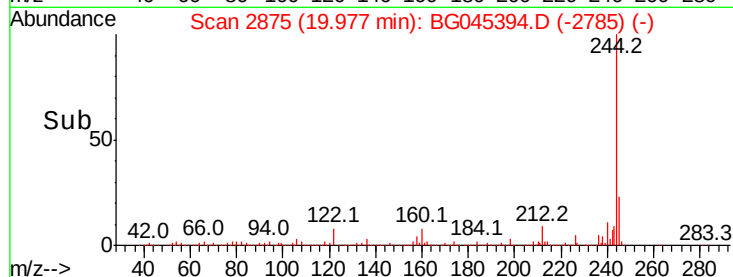
122 8.5 6.8 10.2



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: 35.638 ng

RT: 20.66 min Scan# 2992

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

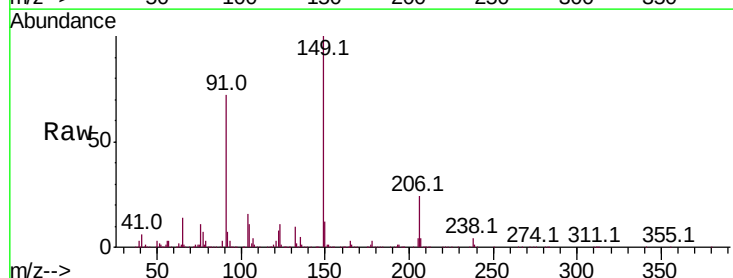
Tgt Ion:149 Resp: 447031

Ion	Ratio	Lower	Upper
149	100		
91	72.2	57.8	86.6
206	23.9	19.1	28.7

149 100

91 72.2 57.8 86.6

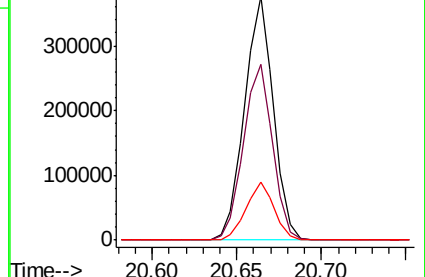
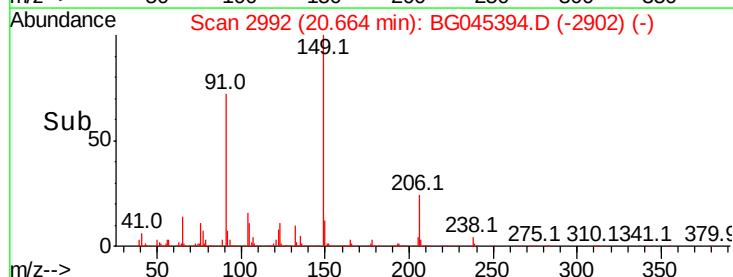
206 23.9 19.1 28.7

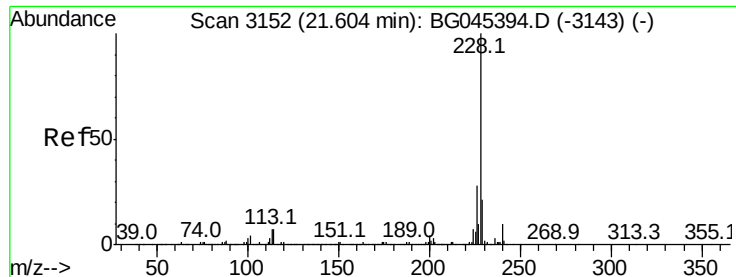


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.575 ng

RT: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

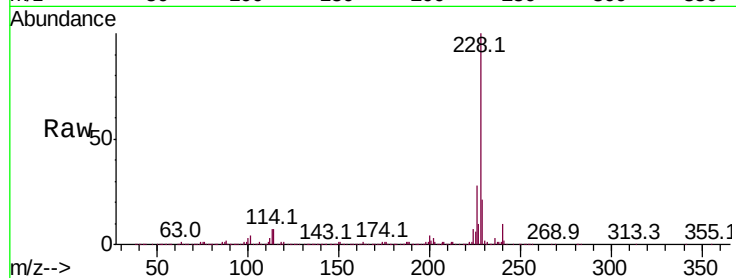
Tot Ion:228 Resp: 983658

Ion Ratio Lower Upper

228 100

226 28.4 22.7 34.1

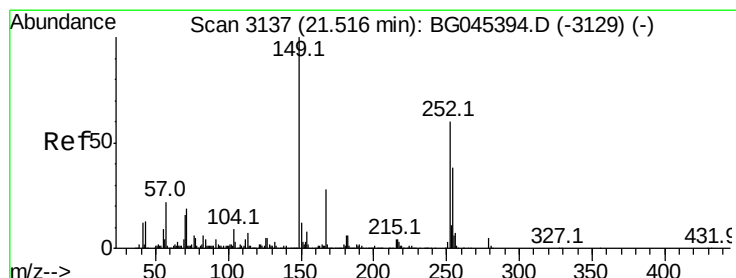
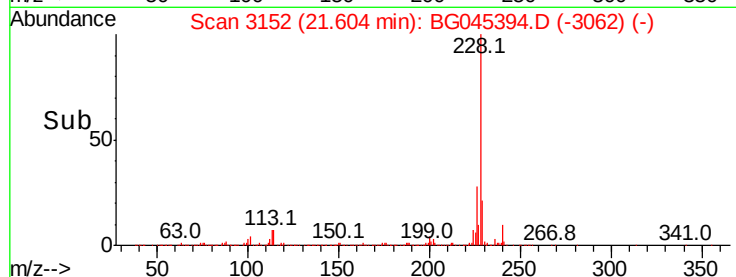
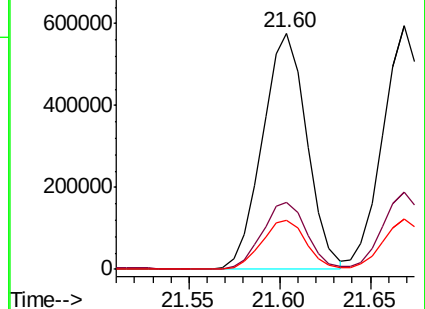
229 20.9 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.343 ng

RT: 21.52 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

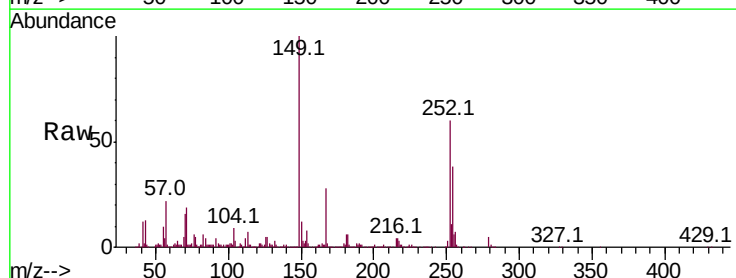
Tgt Ion:252 Resp: 388897

Ion Ratio Lower Upper

252 100

254 64.1 51.3 76.9

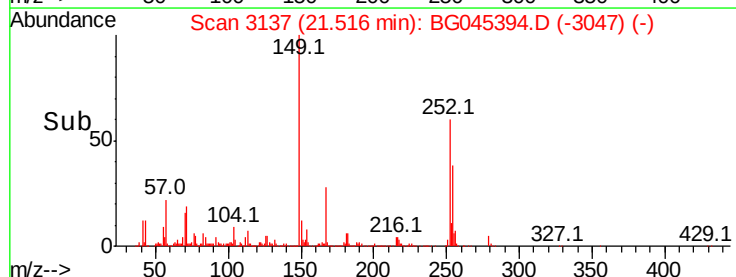
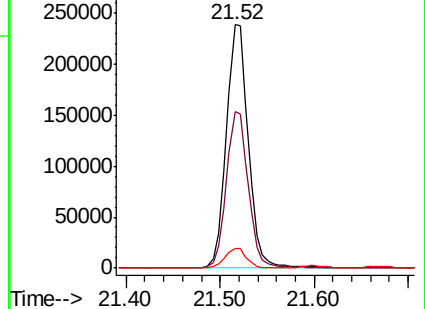
126 8.3 6.6 10.0

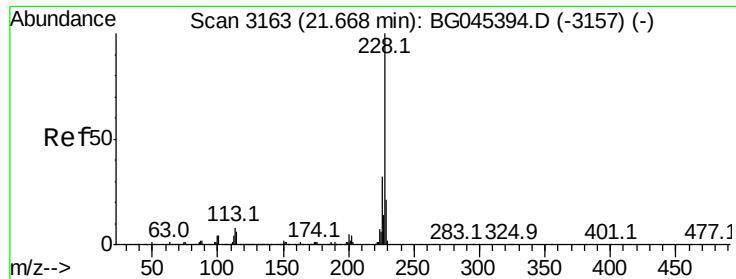


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

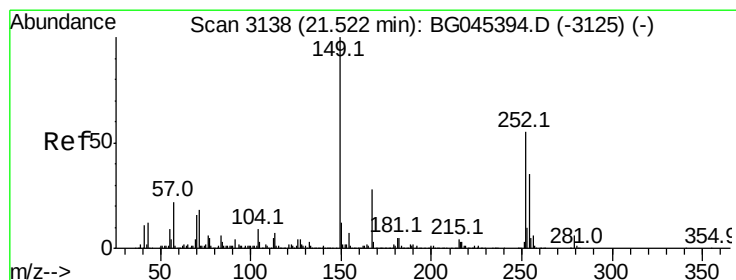
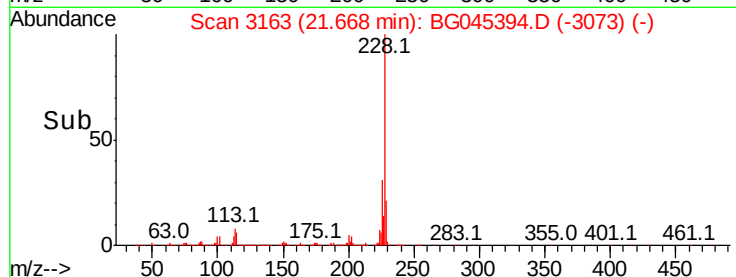
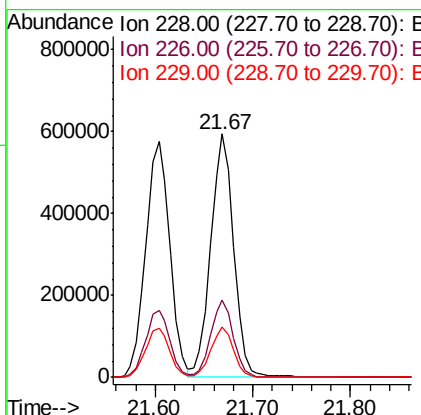
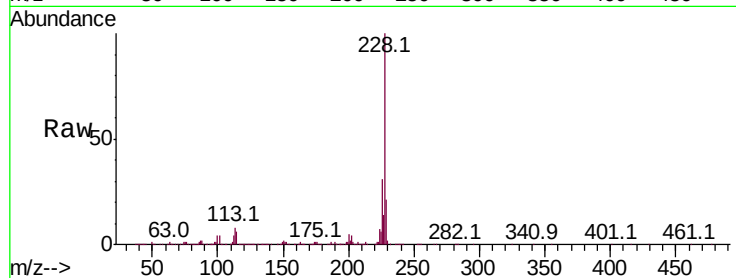




#83
 Chrysene
 Concen: 35.264 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

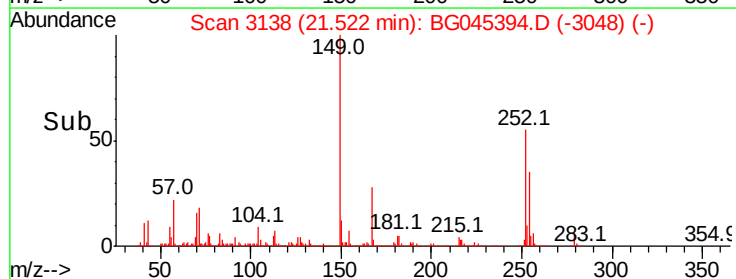
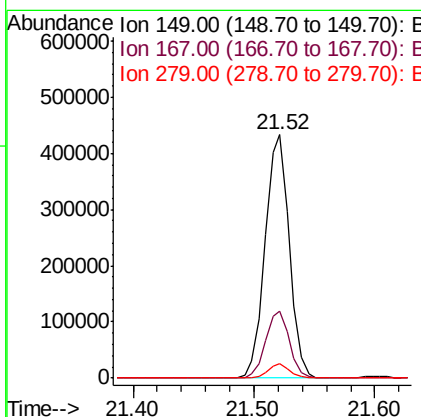
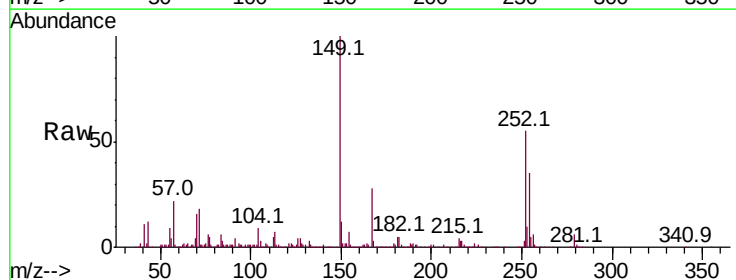
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICCC040

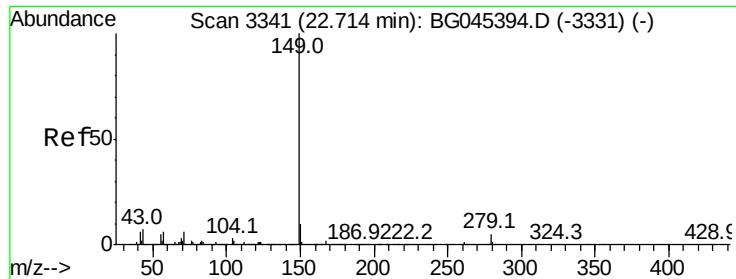
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.2	37.8
229	20.9	16.7	25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.888 ng
 RT: 21.52 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG045394.D
 Acq: 15 May 2020 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	5.9	4.7	7.1





#85

Di-n-octyl phthalate

Concen: 34.460 ng

RT: 22.71 min Scan# 3341

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

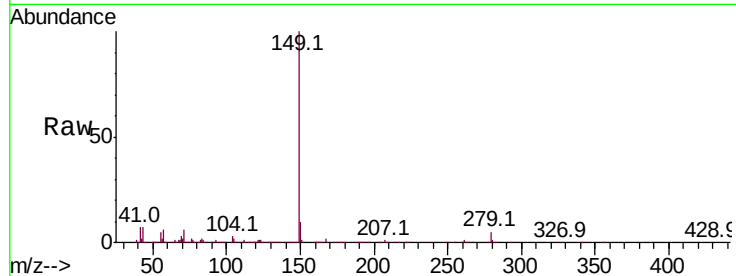
Tot Ion:149 Resp: 1028028

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

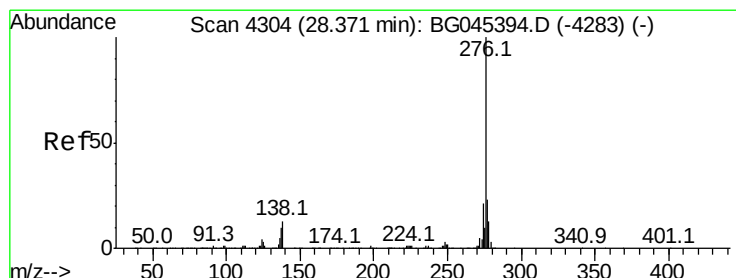
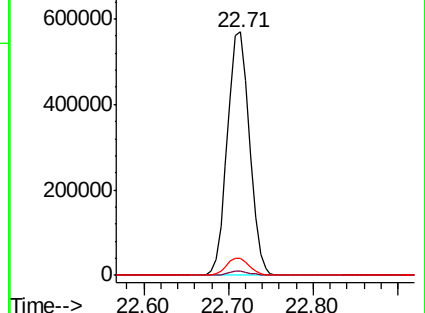
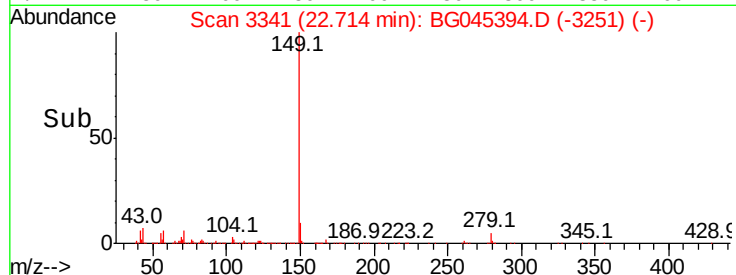
43 7.3 5.8 8.8



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: 33.569 ng

RT: 28.37 min Scan# 4304

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

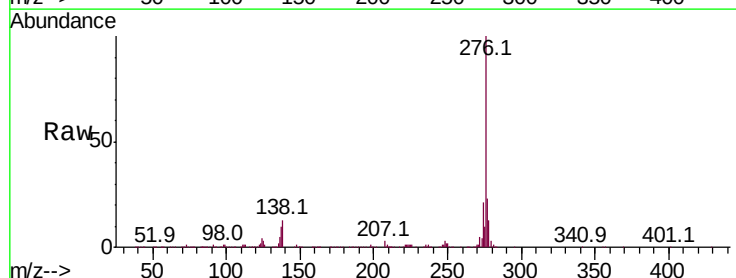
Tgt Ion:276 Resp: 1218303

Ion Ratio Lower Upper

276 100

138 10.7 8.6 12.8

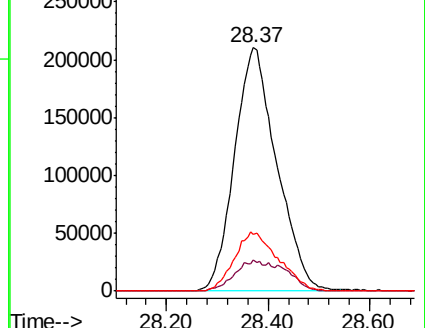
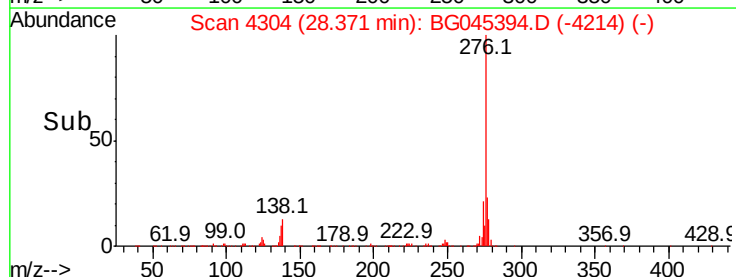
277 25.3 20.2 30.4

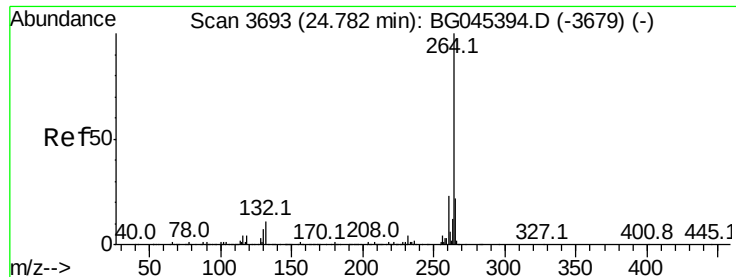


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.78 min Scan# 3693

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

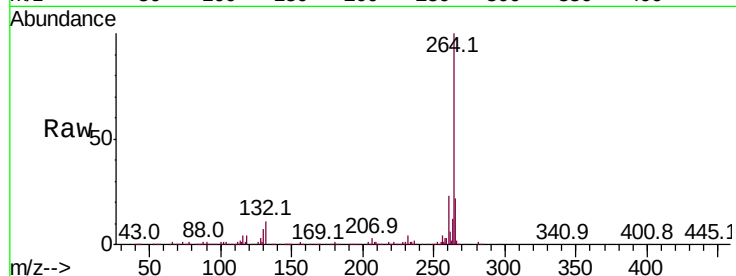
Tot Ion:264 Resp: 483393

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.2	27.4
265	22.0	17.6	26.4

264 100

260 22.8 18.2 27.4

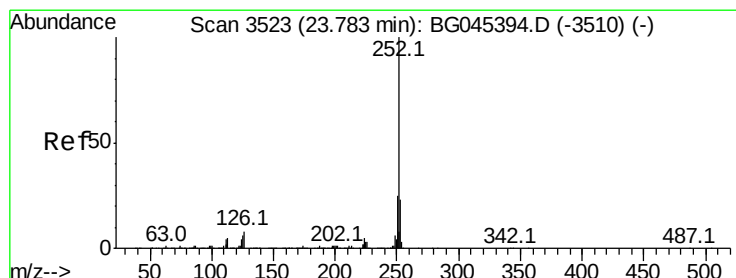
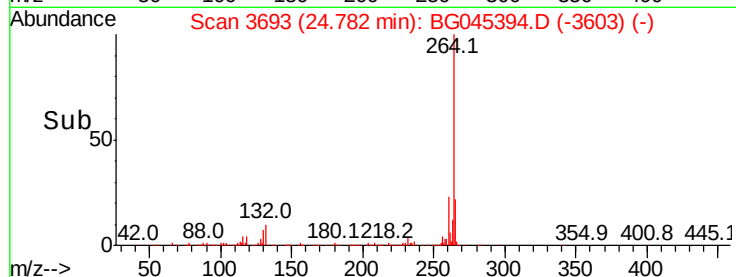
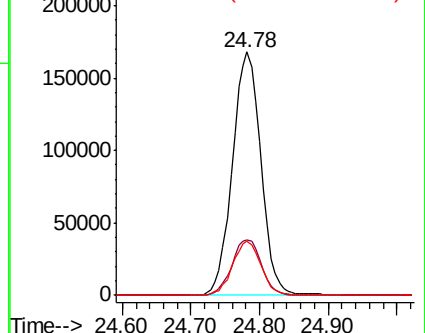
265 22.0 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.965 ng

RT: 23.78 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

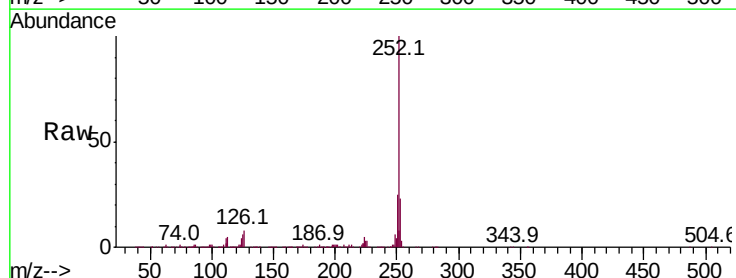
Tgt Ion:252 Resp: 1058722

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	6.3	5.0	7.6

252 100

253 22.6 18.1 27.1

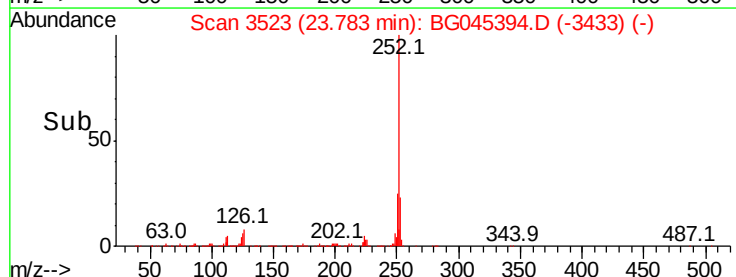
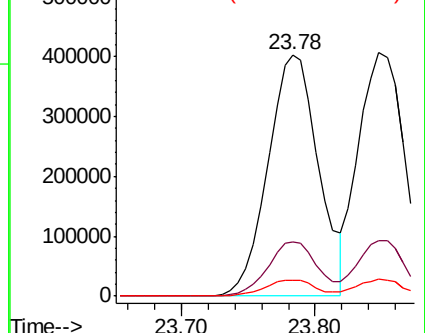
125 6.3 5.0 7.6

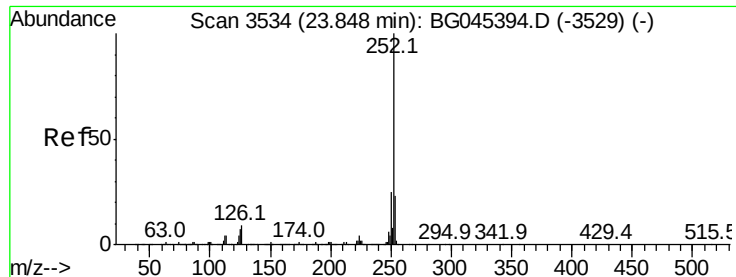


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 34.101 ng

RT: 23.85 min Scan# 3534

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

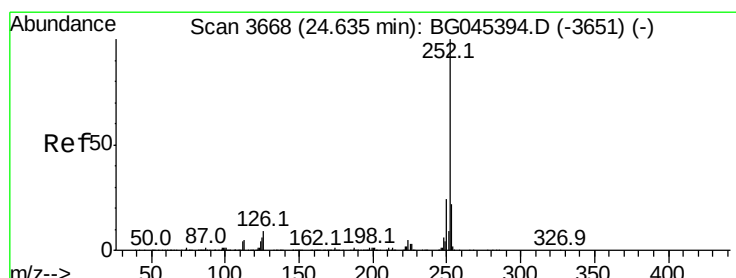
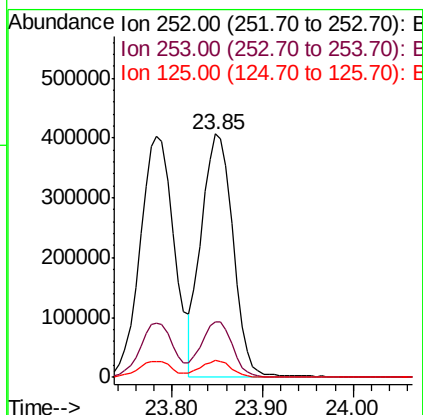
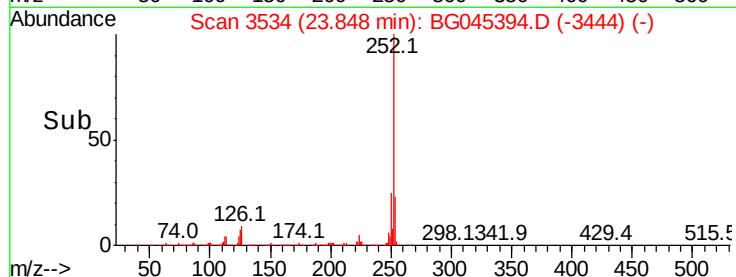
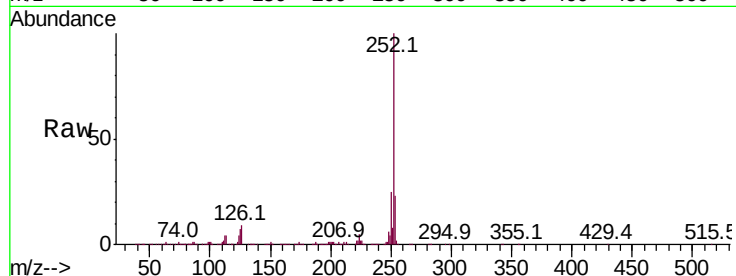
Tot Ion:252 Resp: 981972

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

125 7.1 5.7 8.5



#90

Benzo(a)pyrene

Concen: 34.036 ng

RT: 24.64 min Scan# 3668

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

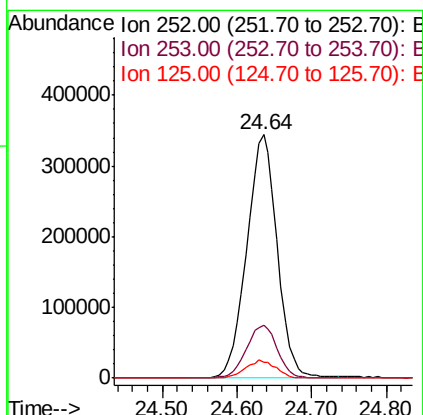
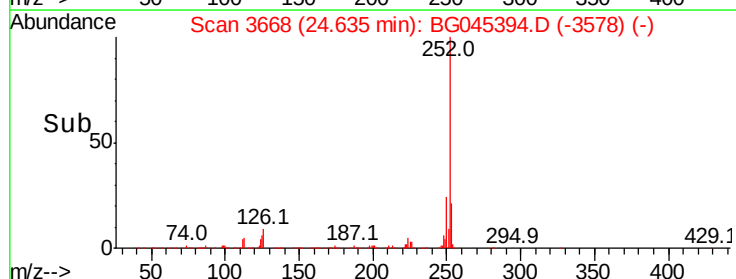
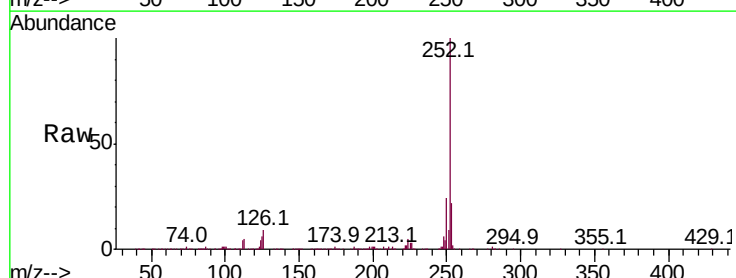
Tgt Ion:252 Resp: 973037

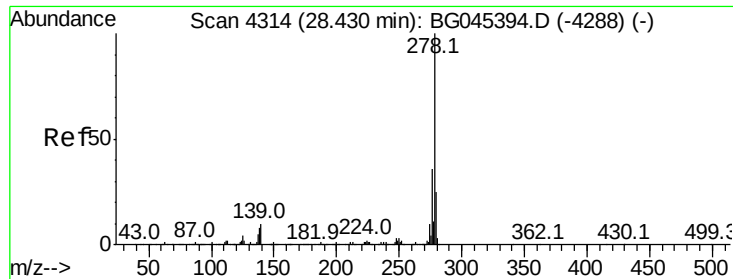
Ion Ratio Lower Upper

252 100

253 21.5 17.2 25.8

125 6.3 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 33.435 ng

RT: 28.43 min Scan# 4314

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

Instrument :

BNA_G

ClientSampleId :

SSTDICCC040

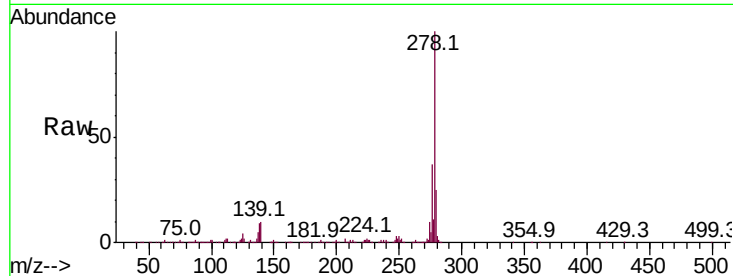
Tot Ion:278 Resp: 963153

Ion Ratio Lower Upper

278 100

139 9.8 7.8 11.8

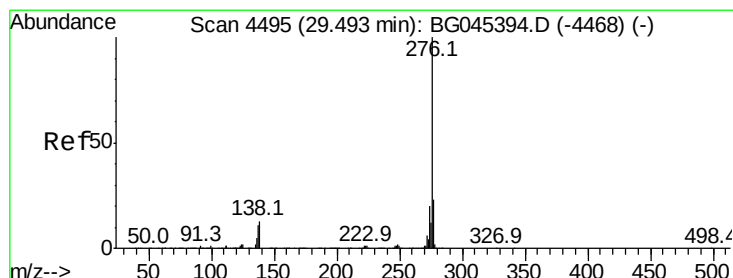
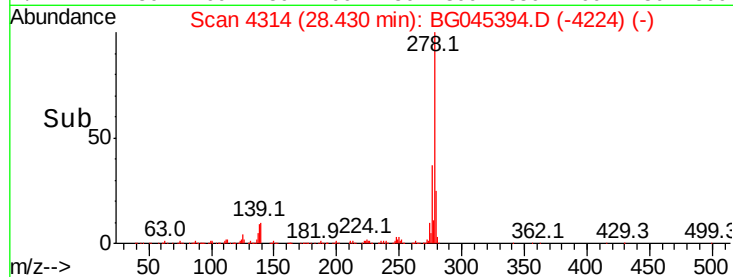
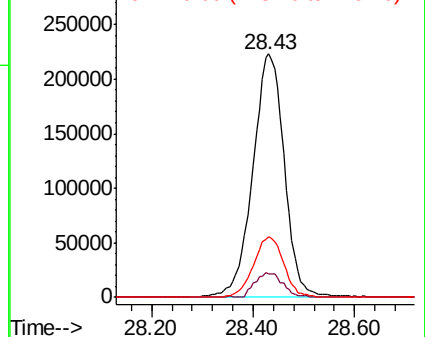
279 24.8 19.8 29.8



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: 33.614 ng

RT: 29.49 min Scan# 4495

Delta R.T. 0.00 min

Lab File: BG045394.D

Acq: 15 May 2020 12:27

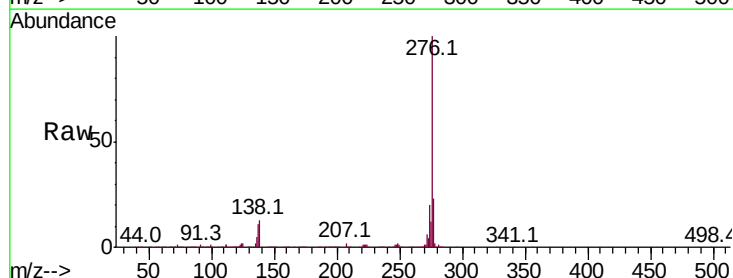
Tgt Ion:276 Resp: 970793

Ion Ratio Lower Upper

276 100

277 22.6 18.1 27.1

138 12.8 10.2 15.4



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

