

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045592.D
 Acq On : 3 Jun 2020 22:22
 Operator : CG/JU
 Sample : L2837-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 04 02:52:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	62276	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	249559	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	174028	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	366123	20.00	ng	0.00
76) Chrysene-d12	21.61	240	348568	20.00	ng	0.00
87) Perylene-d12	24.76	264	392017	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	422973	132.73	ng	0.00
7) Phenol-d6	7.15	99	624519	137.70	ng	0.00
23) Nitrobenzene-d5	9.11	82	408707	89.31	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	297328	133.59	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	940106	91.63	ng	0.00
79) Terphenyl-d14	19.96	244	1396817	93.46	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.40	88	63900	40.438	ng	98
3) Pyridine	3.80	79	147324	33.475	ng	95
4) n-Nitrosodimethylamine	3.71	42	67454	46.839	ng	87
6) Aniline	7.28	93	162691	27.478	ng	99
8) 2-Chlorophenol	7.53	128	182983	52.363	ng	95
9) Benzaldehyde	7.09	77	116475	39.416	ng	99
10) Phenol	7.18	94	248647	53.193	ng	97
11) bis(2-Chloroethyl)ether	7.37	93	169296	46.432	ng	98
12) 1,3-Dichlorobenzene	7.84	146	196157	46.710	ng	97
13) 1,4-Dichlorobenzene	7.99	146	198676	47.940	ng	97
14) 1,2-Dichlorobenzene	8.31	146	189080	47.436	ng	97
15) Benzyl Alcohol	8.20	79	185550	49.523	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	159447	46.070	ng	97
17) 2-Methylphenol	8.42	107	164693	47.071	ng	97
18) Hexachloroethane	9.04	117	76709	48.329	ng	92
19) n-Nitroso-di-n-propylamine	8.76	70	151131	48.187	ng	97
20) 3+4-Methylphenols	8.75	107	223682	46.948	ng	93
22) Acetophenone	8.78	105	275355	46.553	ng	# 98
24) Nitrobenzene	9.16	77	228871	46.678	ng	98
25) Isophorone	9.68	82	414011	45.936	ng	98
26) 2-Nitrophenol	9.87	139	103972	49.570	ng	93
27) 2,4-Dimethylphenol	9.95	122	171620	55.167	ng	97
28) bis(2-Chloroethoxy)methane	10.16	93	230927	48.857	ng	95
29) 2,4-Dichlorophenol	10.42	162	189435	51.567	ng	95
30) 1,2,4-Trichlorobenzene	10.63	180	209800	48.331	ng	99
31) Naphthalene	10.81	128	559393	48.102	ng	99
32) Benzoic acid	10.13	122	113142	52.332	ng	93
33) 4-Chloroaniline	10.92	127	100095	20.591	ng	98
34) Hexachlorobutadiene	11.10	225	146209	47.649	ng	96
35) Caprolactam	11.69	113	31822	23.600	ng	93
36) 4-Chloro-3-methylphenol	12.07	107	212067	51.230	ng	98
37) 2-Methylnaphthalene	12.42	142	425770	49.121	ng	97
38) 1-Methylnaphthalene	12.64	142	400265	48.886	ng	93
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	247052	50.825	ng	98

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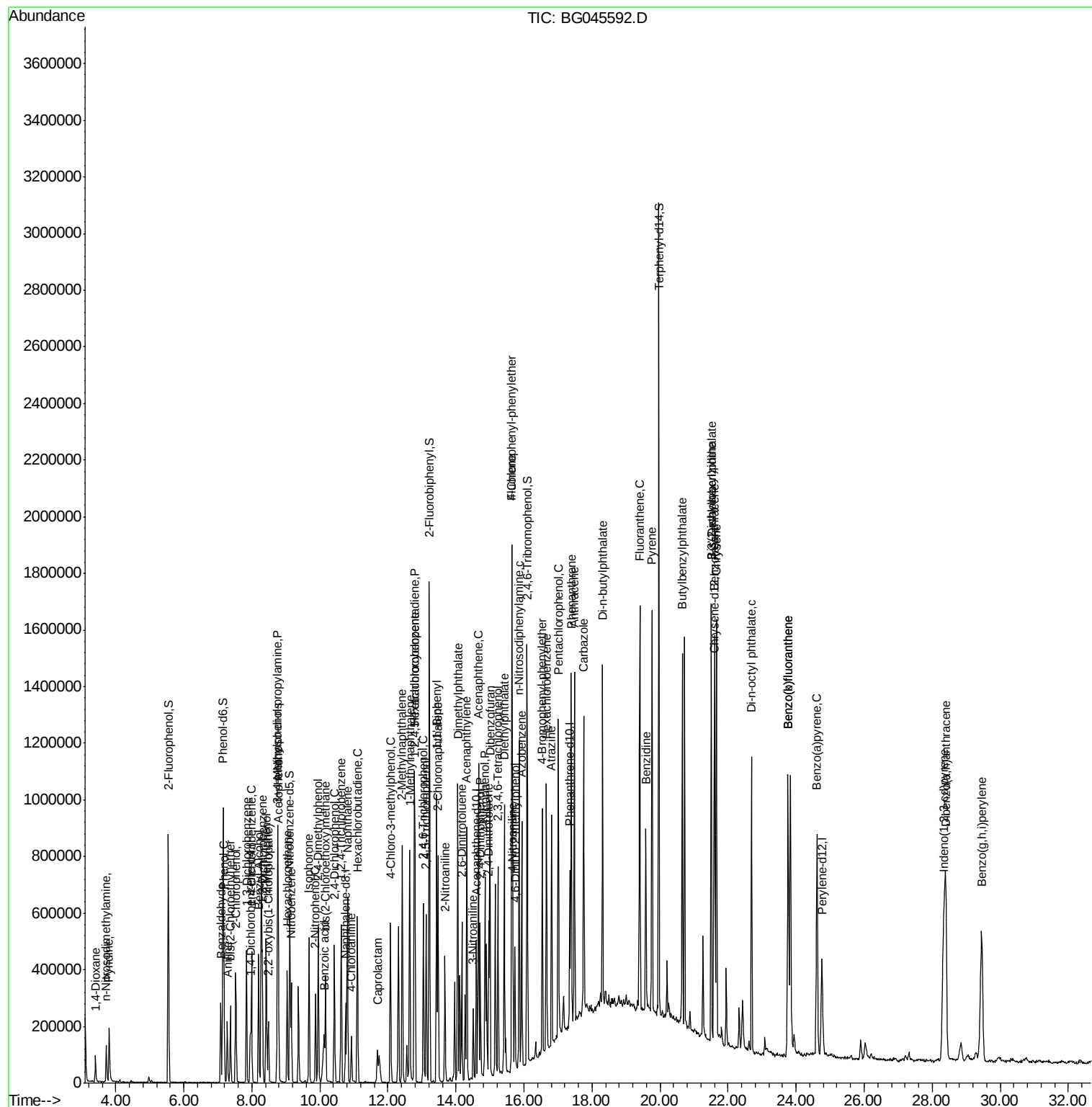
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	268244	95.610	nq	95
43) 2,4,6-Trichlorophenol	13.04	196	170606	50.525	nq	96
44) 2,4,5-Trichlorophenol	13.12	196	176175	45.657	nq	98
46) 1,1'-Biphenyl	13.43	154	539906	50.490	nq	99
47) 2-Chloronaphthalene	13.47	162	417288	48.056	nq	99
48) 2-Nitroaniline	13.68	65	137707	48.211	nq	97
49) Acenaphthylene	14.32	152	688434	49.359	nq	99
50) Dimethylphthalate	14.05	163	683773	57.276	nq	98
51) 2,6-Dinitrotoluene	14.17	165	124360	46.164	nq	100
52) Acenaphthene	14.66	154	405432	43.426	nq	96
53) 3-Nitroaniline	14.51	138	68084	24.862	nq	95
54) 2,4-Dinitrophenol	14.71	184	145360	82.211	nq	97
55) Dibenzofuran	15.00	168	655981	47.314	nq	96
56) 4-Nitrophenol	14.85	139	202057	97.459	nq	93
57) 2,4-Dinitrotoluene	14.96	165	179054	45.895	nq	100
58) Fluorene	15.65	166	534526	46.928	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	169615	49.964	nq	98
60) Diethylphthalate	15.42	149	561720	45.206	nq	98
61) 4-Chlorophenyl-phenylether	15.64	204	296267	45.454	nq	98
62) 4-Nitroaniline	15.67	138	117742	41.186	nq	98
63) Azobenzene	15.93	77	548616	47.351	nq	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	108621	50.941	nq	94
66) n-Nitrosodiphenylamine	15.86	169	475036	54.039	nq	98
67) 4-Bromophenyl-phenylether	16.54	248	199136	50.230	nq	96
68) Hexachlorobenzene	16.66	284	211165	50.925	nq	# 92
69) Atrazine	16.81	200	178012	49.164	nq	99
70) Pentachlorophenol	17.01	266	237883	110.486	nq	97
71) Phenanthrene	17.39	178	796546	49.836	nq	99
72) Anthracene	17.48	178	822343	51.233	nq	97
73) Carbazole	17.75	167	738351	47.192	nq	99
74) Di-n-butylphthalate	18.31	149	857578	45.667	nq	99
75) Fluoranthene	19.40	202	924459	45.473	nq	99
77) Benzidine	19.58	184	402762	41.141	nq	98
78) Pyrene	19.76	202	941367	47.377	nq	100
80) Butylbenzylphthalate	20.65	149	379852	44.290	nq	97
81) Benzo(a)anthracene	21.59	228	955570	49.212	nq	100
82) 3,3'-Dichlorobenzidine	21.51	252	120969	15.882	nq	98
83) Chrysene	21.65	228	914976	49.006	nq	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	548998	46.567	nq	99
85) Di-n-octyl phthalate	22.69	149	953097	47.070	nq	99
86) Indeno(1,2,3-cd)pyrene	28.33	276	1223559	50.114	nq	99
88) Benzo(b)fluoranthene	23.76	252	1029603	48.972	nq	99
89) Benzo(k)fluoranthene	23.76	252	1029603	52.126	nq	100
90) Benzo(a)pyrene	24.61	252	933663	47.683	nq	99
91) Dibenzo(a,h)anthracene	28.40	278	998413	50.741	nq	99
92) Benzo(g,h,i)perylene	29.46	276	1020858	51.876	nq	98

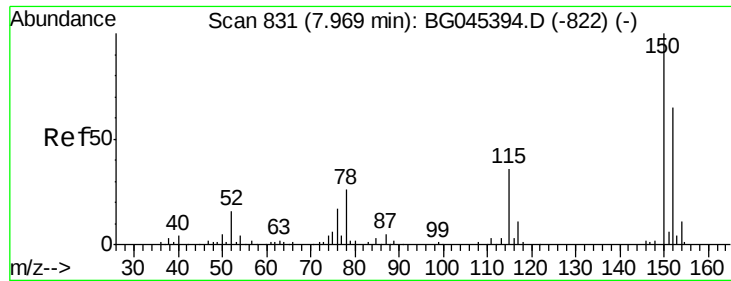
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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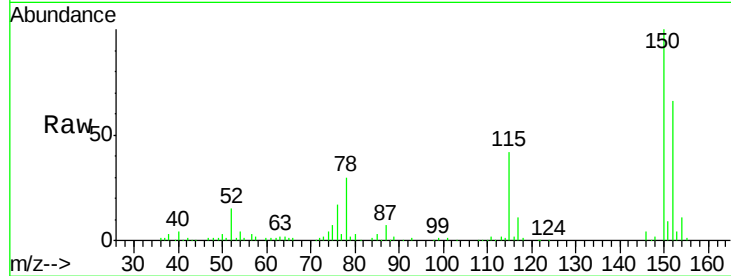


#1

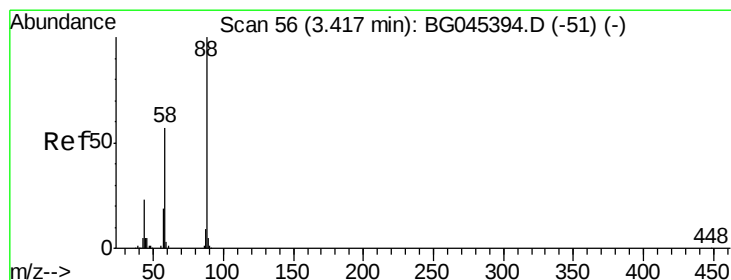
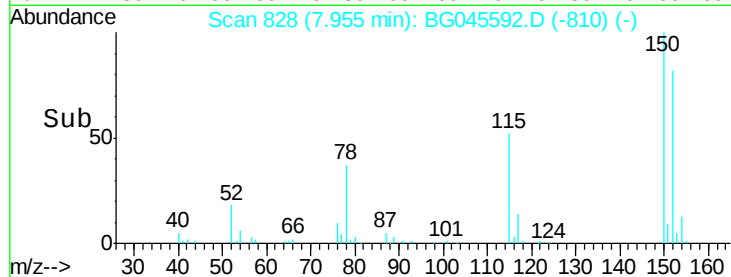
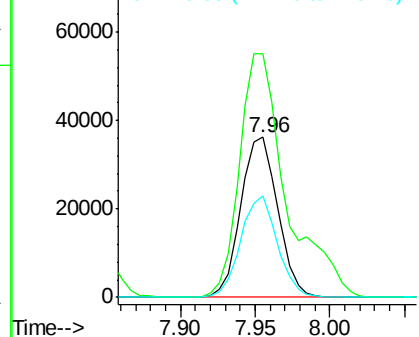
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62276
Ion Ratio Lower Upper
152 100
150 151.9 122.4 183.6
115 63.3 44.2 66.4



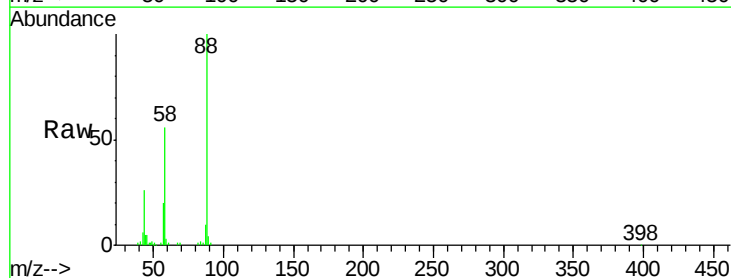
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



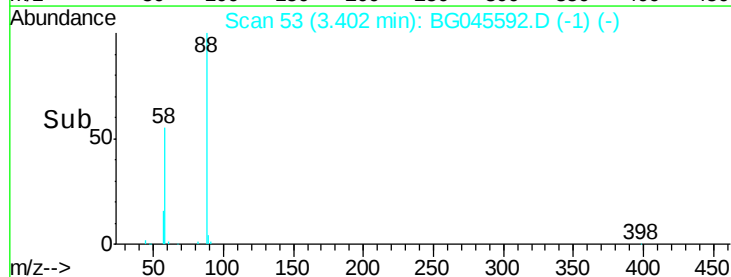
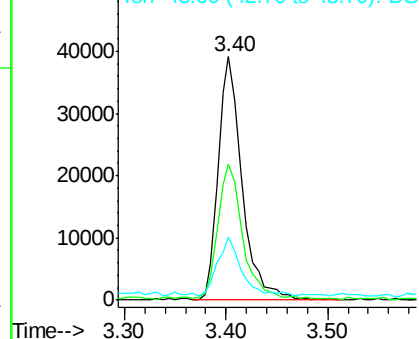
#2

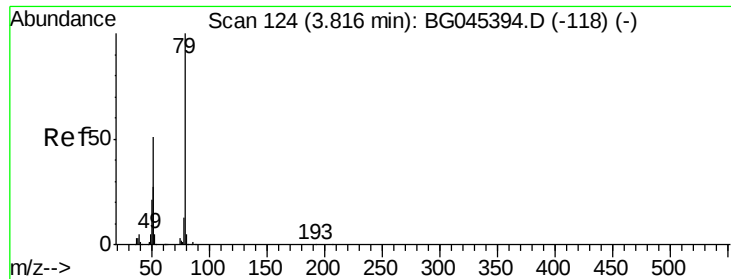
1,4-Dioxane
Concen: 40.438 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion: 88 Resp: 63900
Ion Ratio Lower Upper
88 100
58 57.3 45.7 68.5
43 23.5 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: 33.475 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

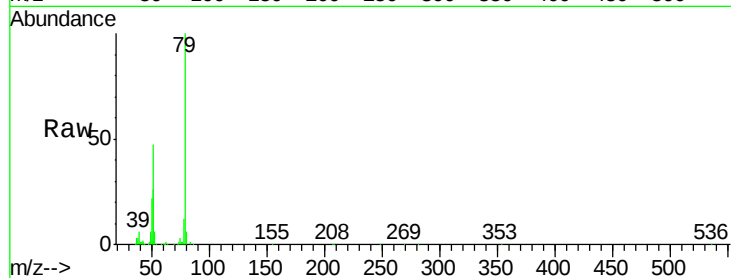
Tot Ion: 79 Resp: 147324

Ion Ratio Lower Upper

79 100

52 46.7 40.8 61.2

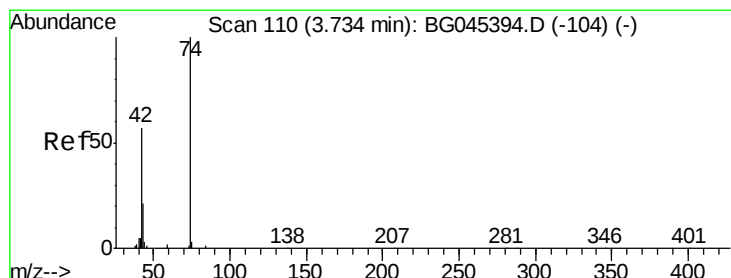
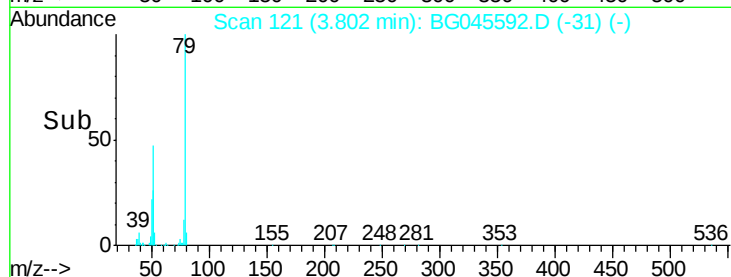
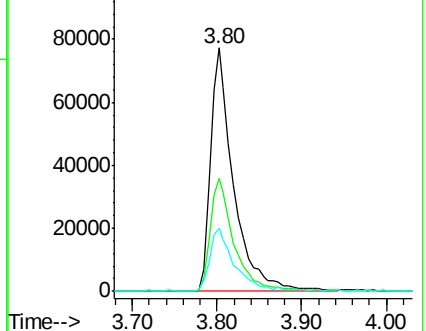
51 26.0 21.9 32.9



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: 46.839 ng

RT: 3.71 min Scan# 106

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

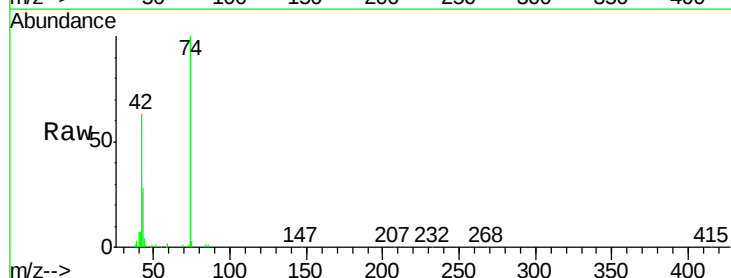
Tgt Ion: 42 Resp: 67454

Ion Ratio Lower Upper

42 100

74 157.9 141.3 211.9

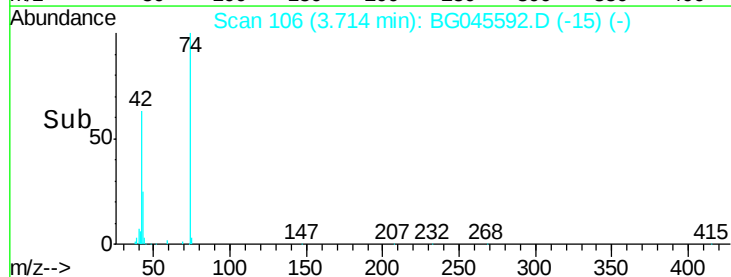
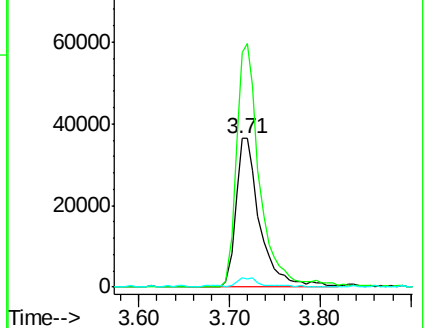
44 6.0 4.2 6.4

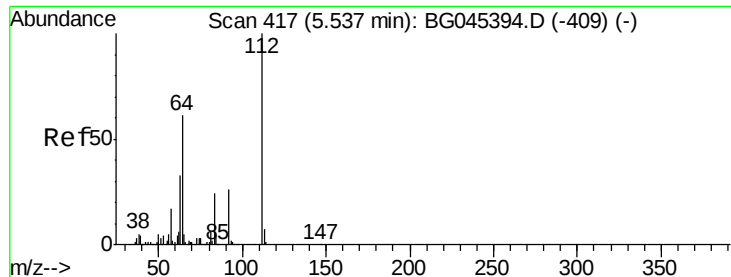


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 132.734 ng

RT: 5.55 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

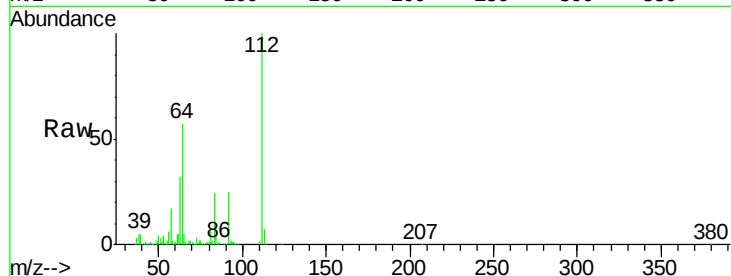
Tot Ion:112 Resp: 422973

Ion Ratio Lower Upper

112 100

64 57.1 48.6 72.8

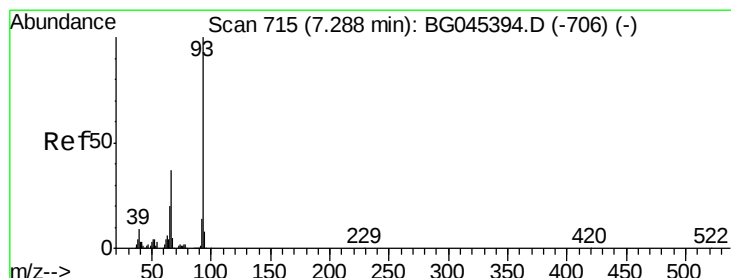
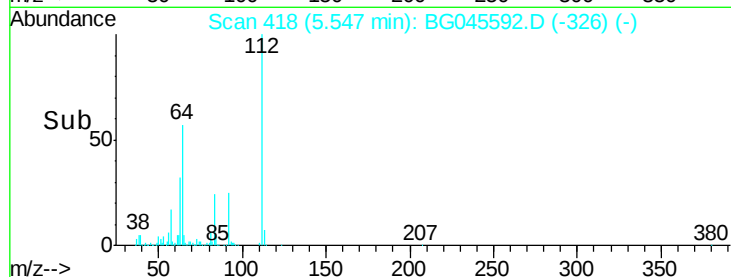
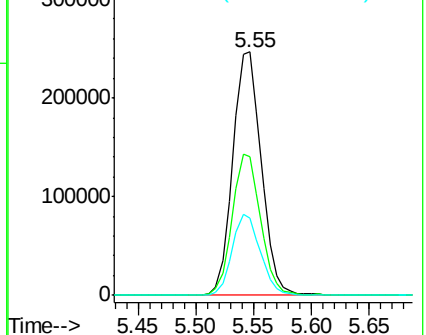
63 31.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.478 ng

RT: 7.28 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

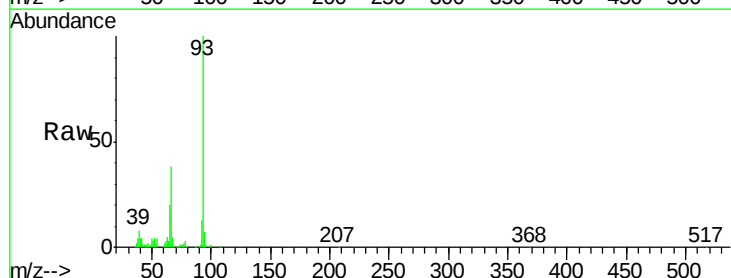
Tgt Ion: 93 Resp: 162691

Ion Ratio Lower Upper

93 100

66 37.7 29.6 44.4

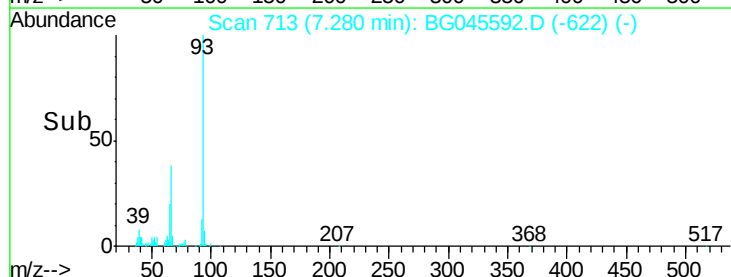
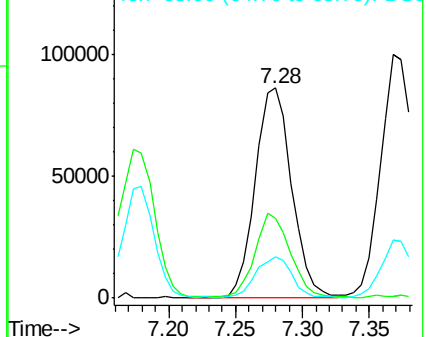
65 19.7 15.9 23.9



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: 137.695 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

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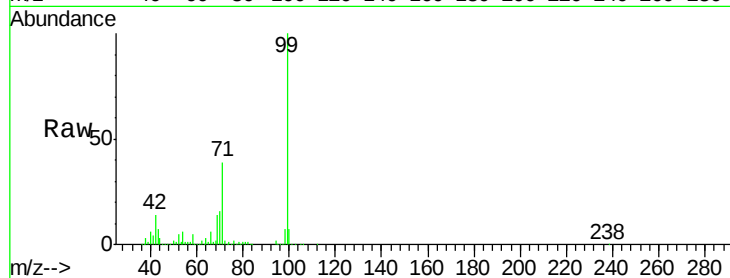
Tot Ion: 99 Resp: 624519

Ion Ratio Lower Upper

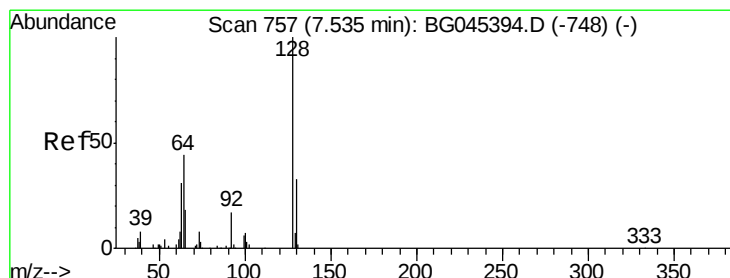
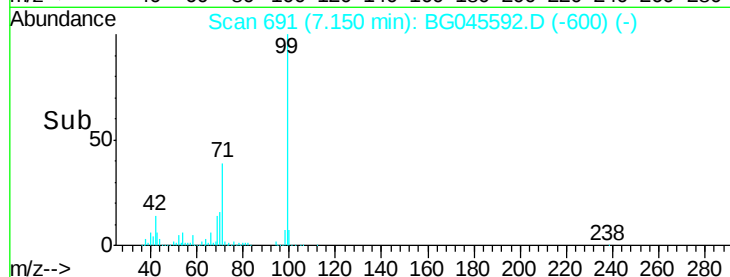
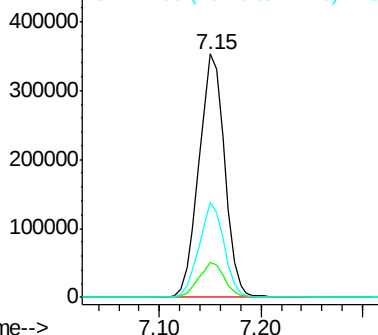
99 100

42 14.3 11.3 16.9

71 39.1 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: 52.363 ng

RT: 7.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

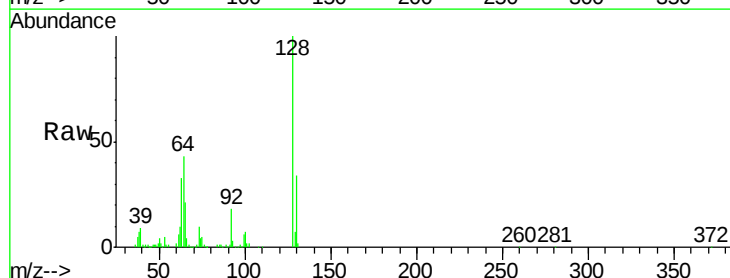
Tgt Ion:128 Resp: 182983

Ion Ratio Lower Upper

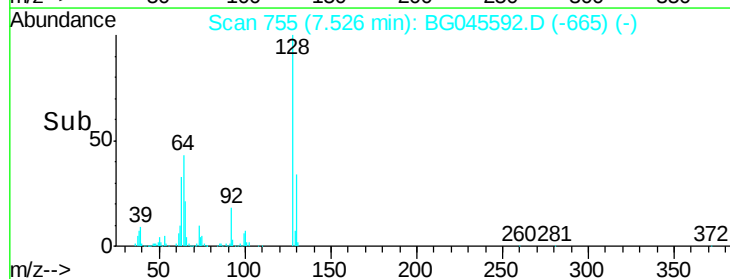
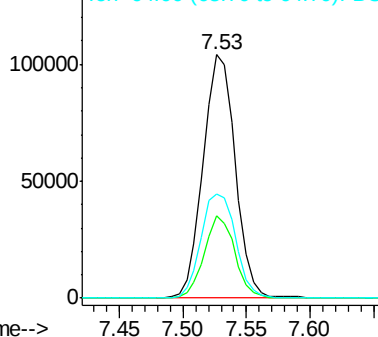
128 100

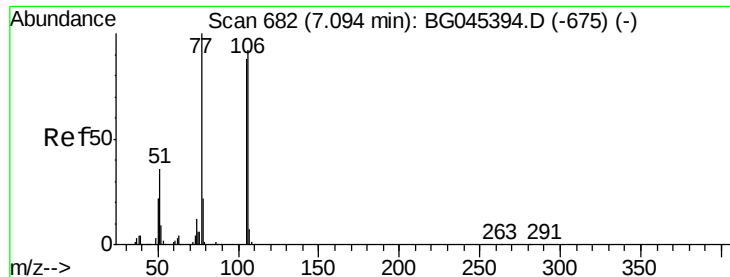
130 34.0 12.6 52.6

64 42.8 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: 39.416 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

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Acq: 3 Jun 2020 22:22

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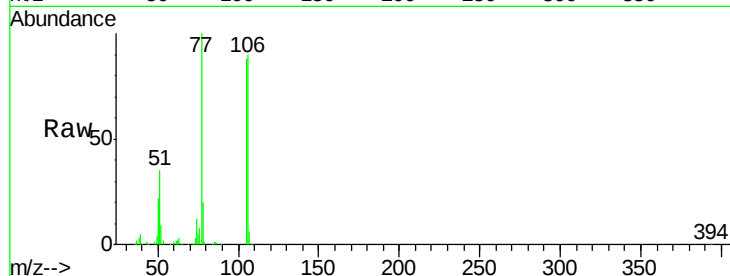
Tot Ion: 77 Resp: 116475

Ion Ratio Lower Upper

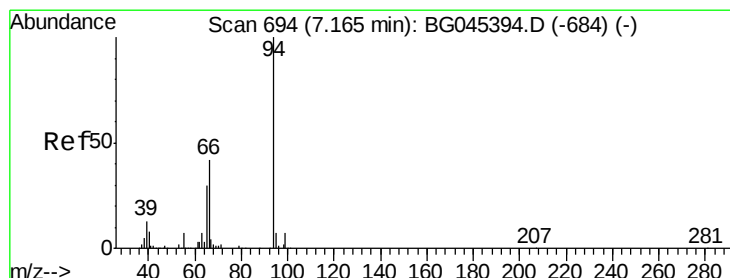
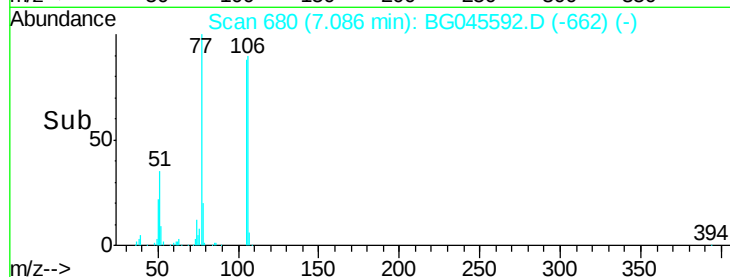
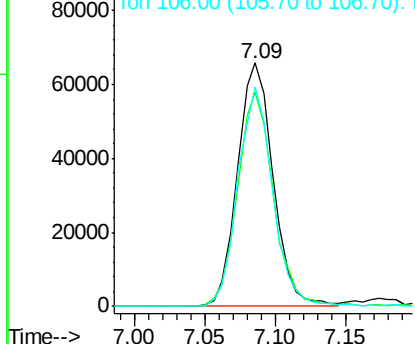
77 100

105 87.8 68.5 108.5

106 89.9 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: 53.193 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

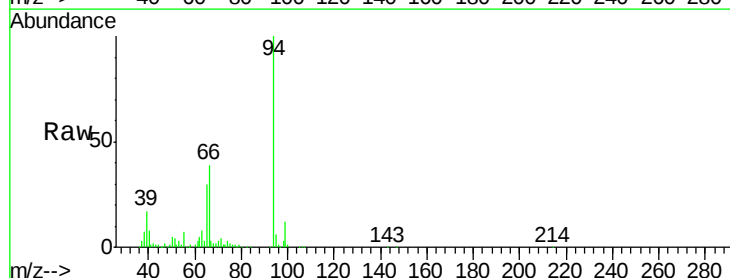
Tgt Ion: 94 Resp: 248647

Ion Ratio Lower Upper

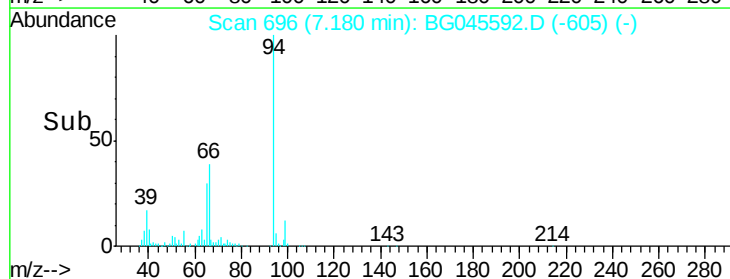
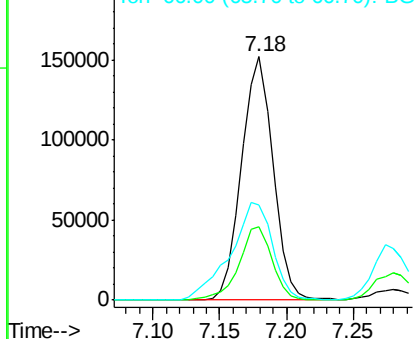
94 100

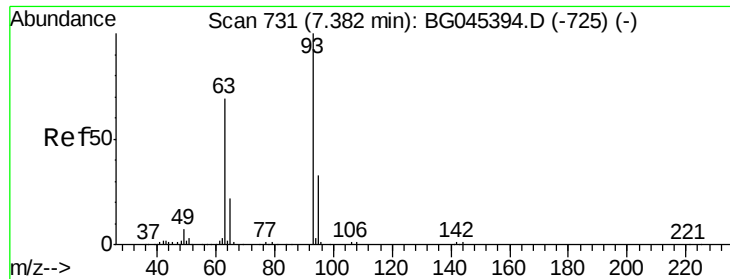
65 30.2 9.8 49.8

66 39.2 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

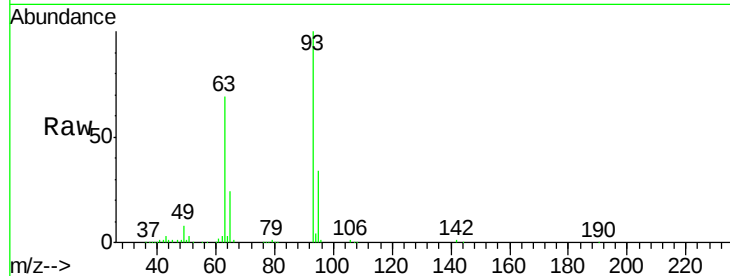




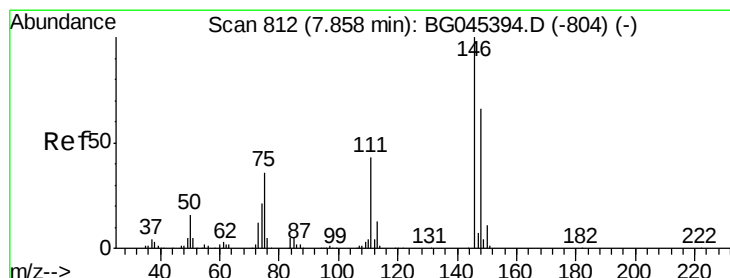
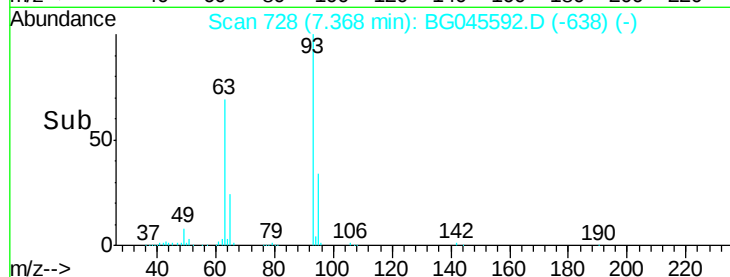
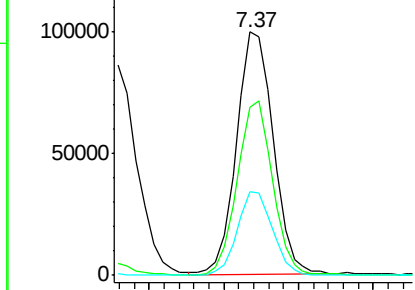
#11
bis(2-Chloroethyl)ether
Concen: 46.432 ng
RT: 7.37 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	93	Resp	169296
Ion	Ratio	Lower	Upper
93	100		
63	69.2	48.4	88.4
95	34.2	12.4	52.4

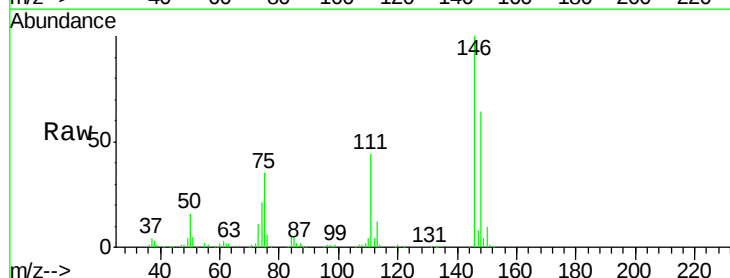


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

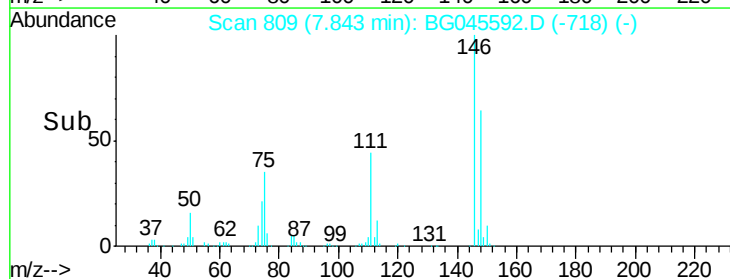
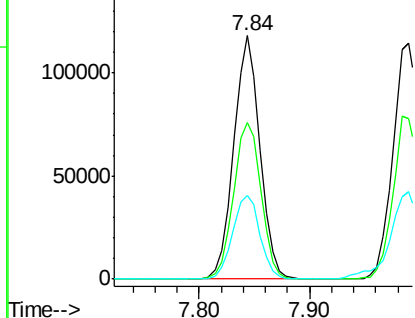


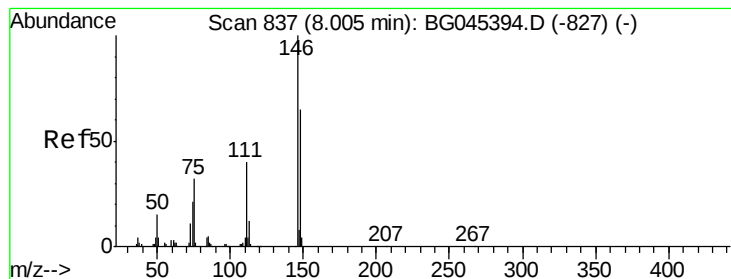
#12
1,3-Dichlorobenzene
Concen: 46.710 ng
RT: 7.84 min Scan# 809
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	146	Resp	196157
Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.2	79.8
75	34.6	28.6	43.0



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





#13

1,4-Dichlorobenzene

Concen: 47.940 ng

RT: 7.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

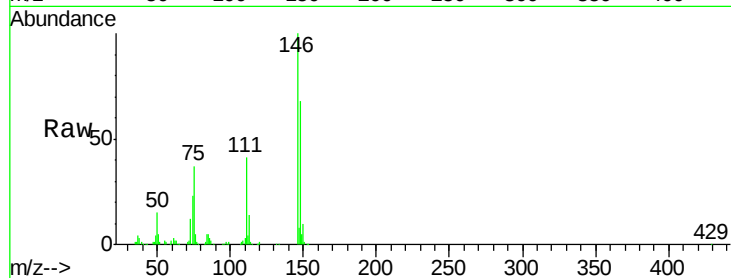
Tot Ion:146 Resp: 198676

Ion Ratio Lower Upper

146 100

148 68.2 51.8 77.8

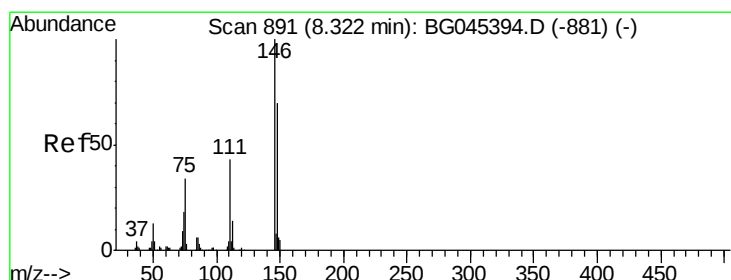
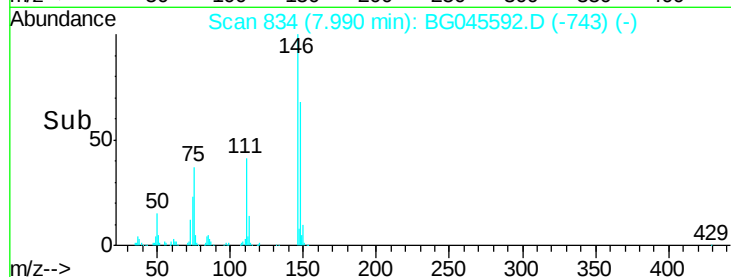
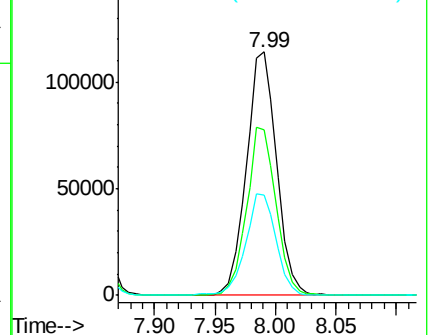
111 41.3 32.1 48.1



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: 47.436 ng

RT: 8.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

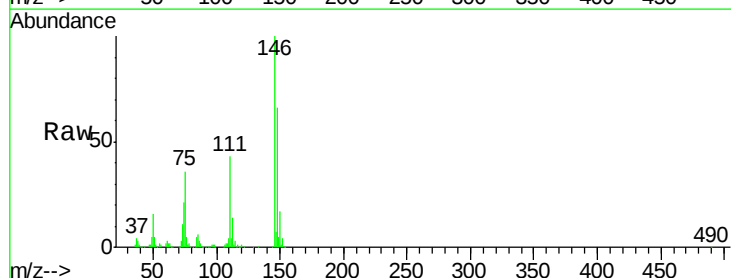
Tgt Ion:146 Resp: 189080

Ion Ratio Lower Upper

146 100

148 66.0 55.9 83.9

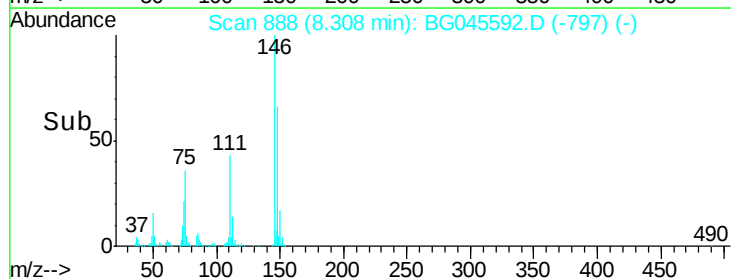
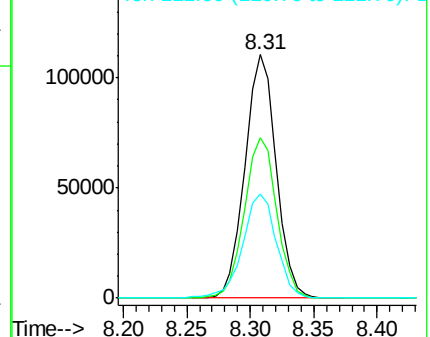
111 43.0 35.0 52.4



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: 49.523 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampled :

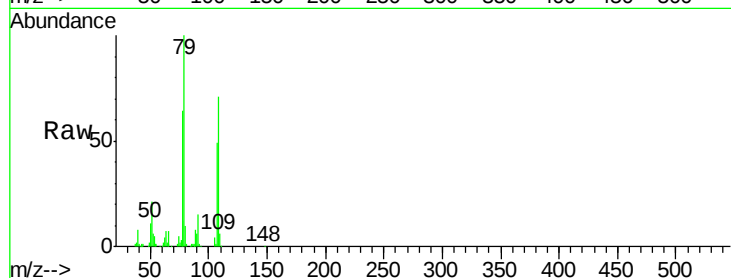
Tot Ion: 79 Resp: 185550

Ion Ratio Lower Upper

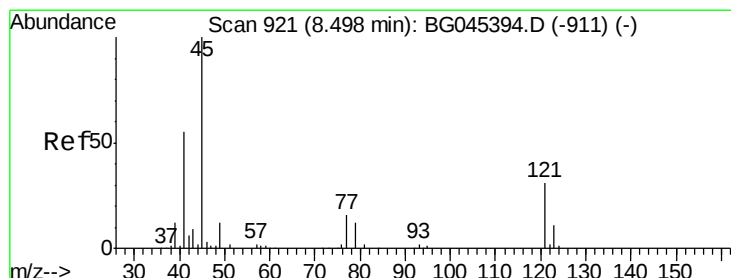
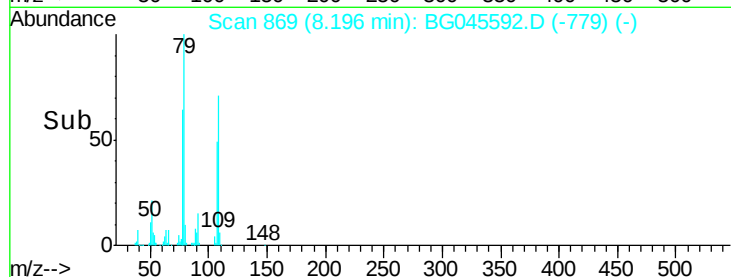
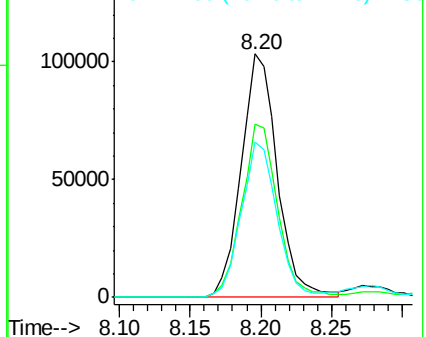
79 100

108 71.0 58.2 87.4

77 63.6 51.0 76.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.070 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

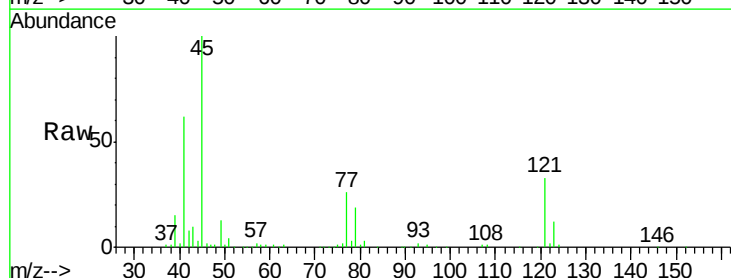
Tgt Ion: 45 Resp: 159447

Ion Ratio Lower Upper

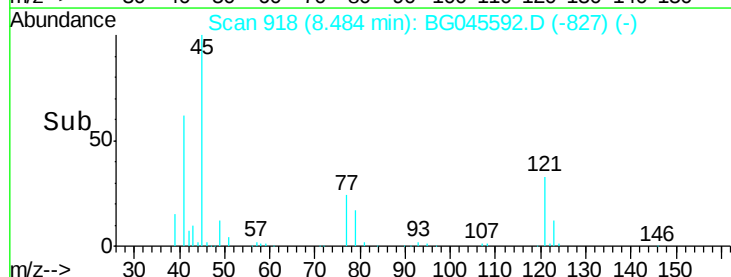
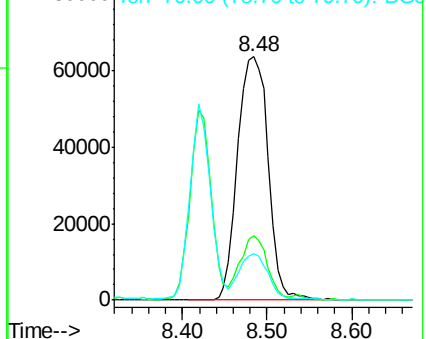
45 100

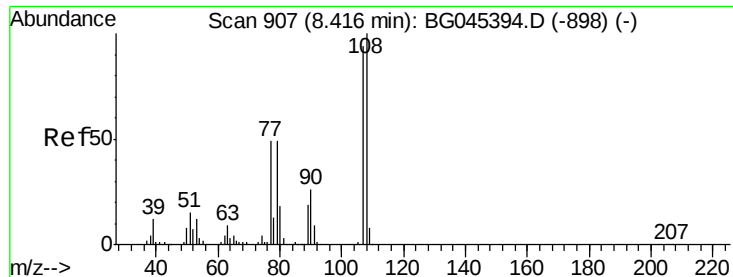
77 26.2 4.0 44.0

79 19.3 0.0 38.6



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





#17

2-Methylphenol

Concen: 47.071 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 164693

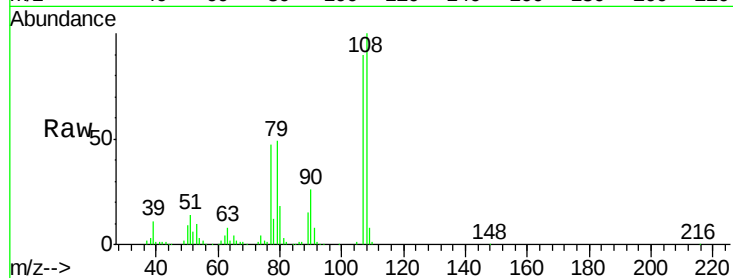
Ion Ratio Lower Upper

107 100

108 111.0 85.2 127.8

77 52.3 41.6 62.4

79 53.9 41.8 62.8

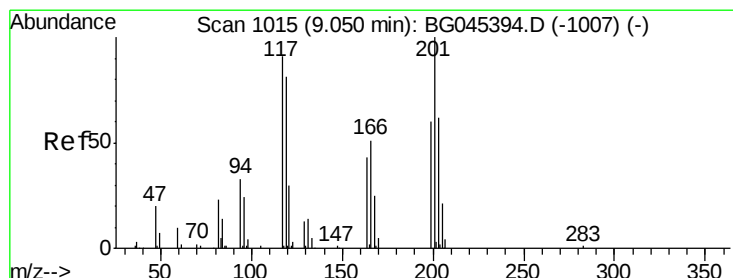
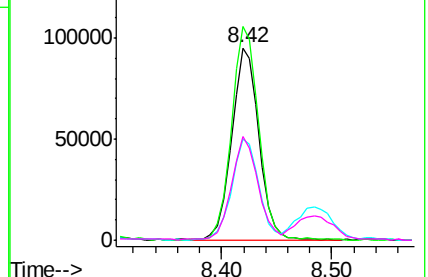
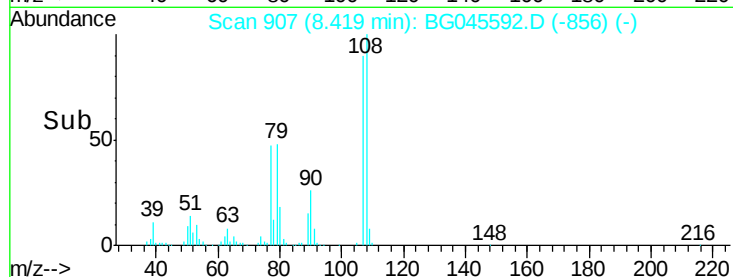


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 48.329 ng

RT: 9.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

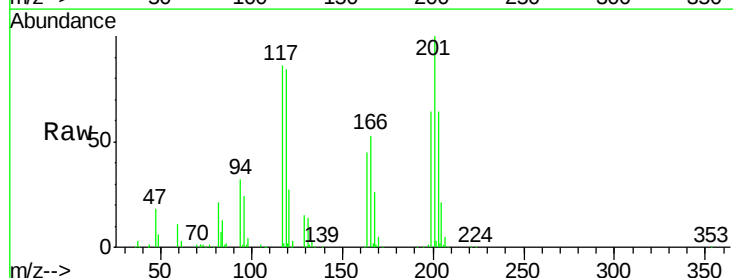
Tgt Ion:117 Resp: 76709

Ion Ratio Lower Upper

117 100

119 98.5 71.3 106.9

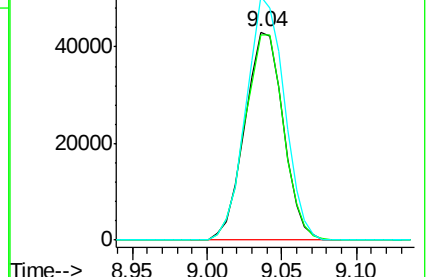
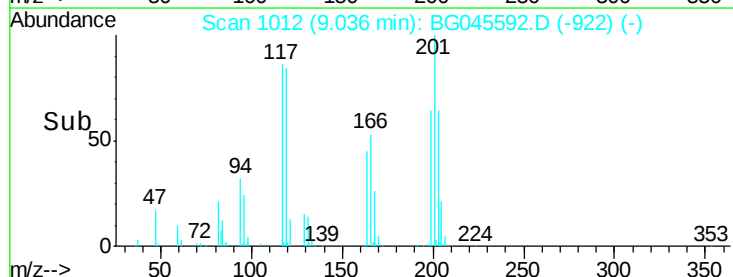
201 116.9 87.5 131.3

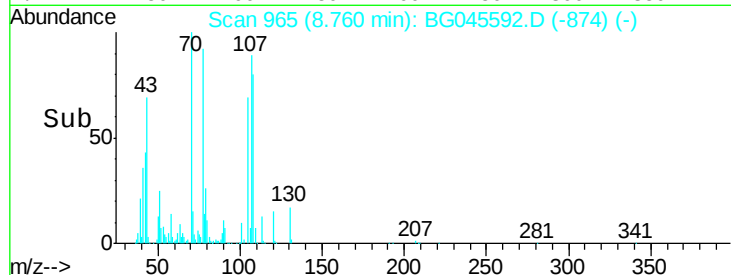
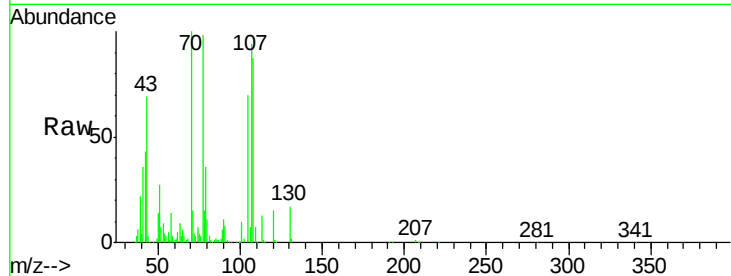
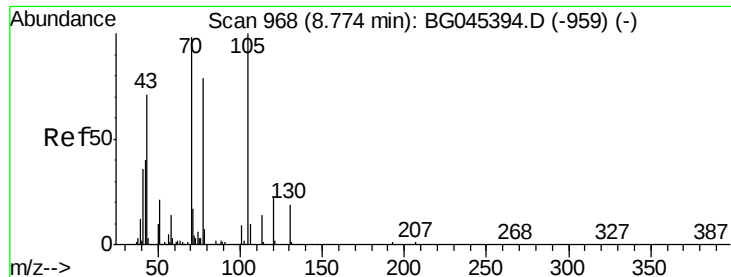


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

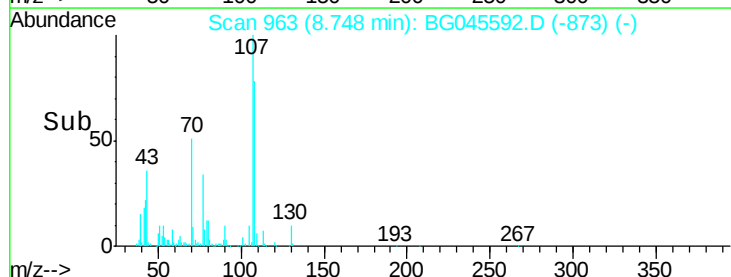
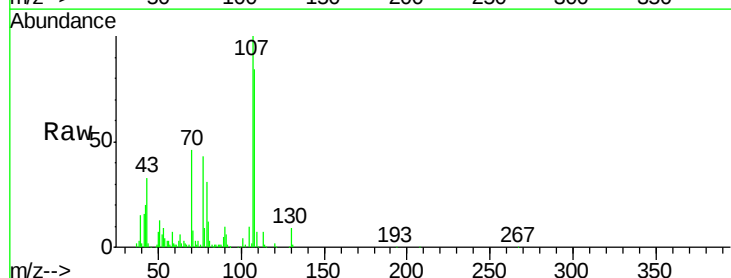
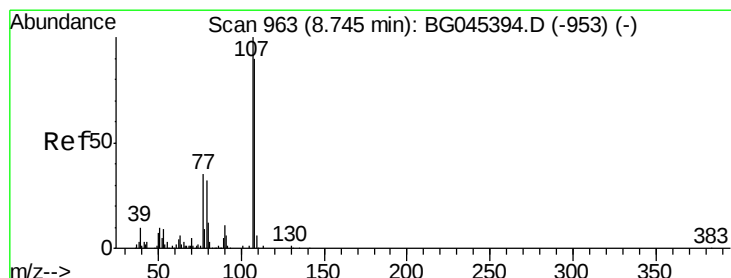
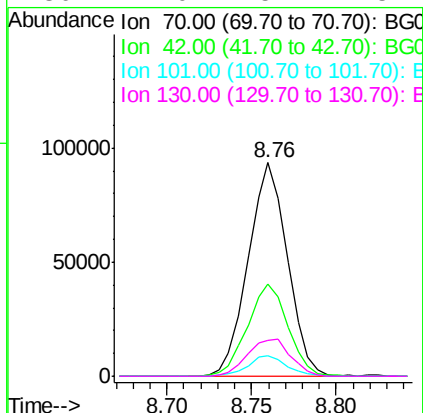




#19
n-Nitroso-di-n-propylamine
Concen: 48.187 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

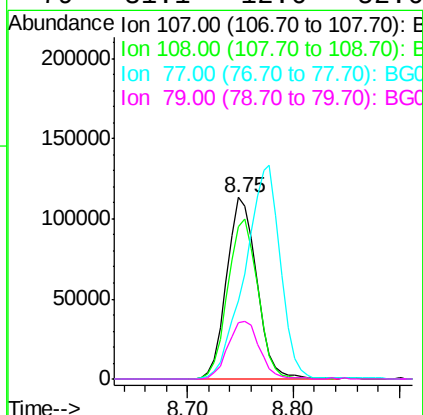
Instrument :
BNA_G
ClientSampleId :

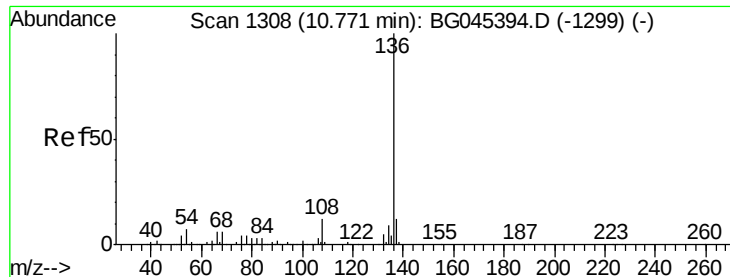
Tot Ion:	70	Resp:	151131
Ion	Ratio	Lower	Upper
70	100		
42	43.0	33.2	49.8
101	9.8	7.8	11.6
130	17.0	15.4	23.2



#20
3+4-Methylphenols
Concen: 46.948 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:	107	Resp:	223682
Ion	Ratio	Lower	Upper
107	100		
108	84.1	70.3	110.3
77	43.3	15.4	55.4
79	31.1	12.6	52.6

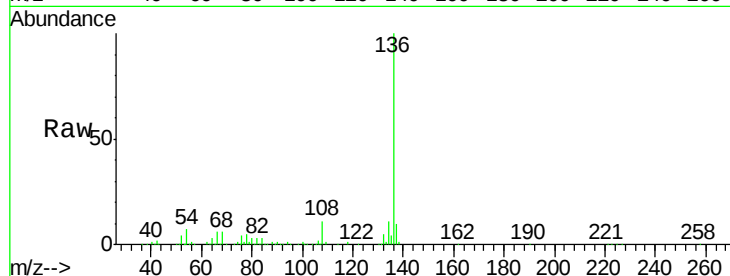




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	249559
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.4	14.2
54 6.8	5.8	8.6
68 5.6	4.5	6.7



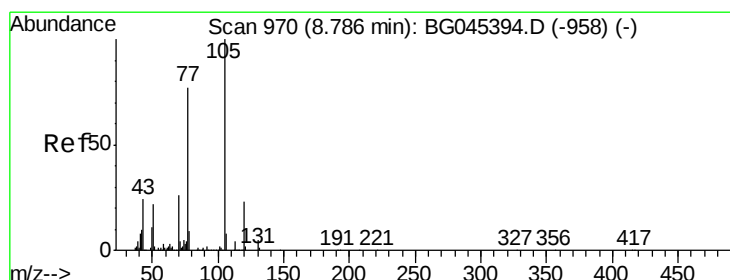
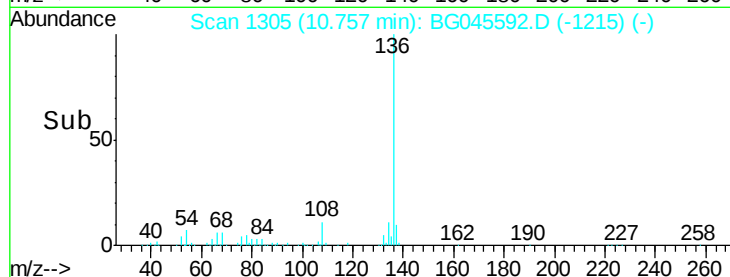
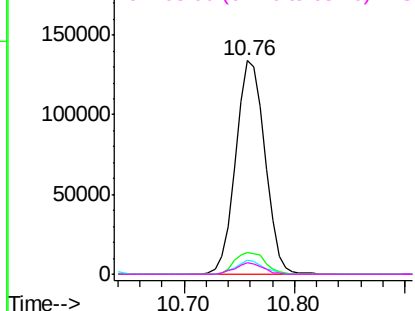
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

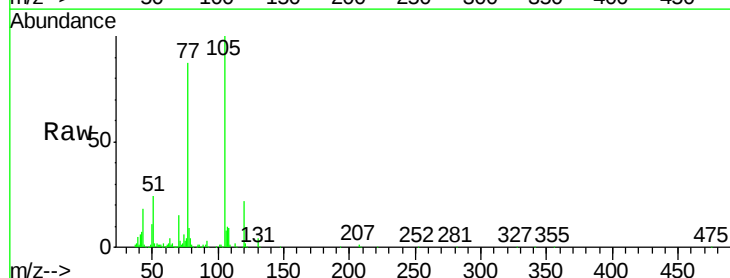
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.553 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt	Ion:105	Resp:	275355
Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.4	5.0#
51	23.7	18.2	27.2
120	22.4	18.6	27.8



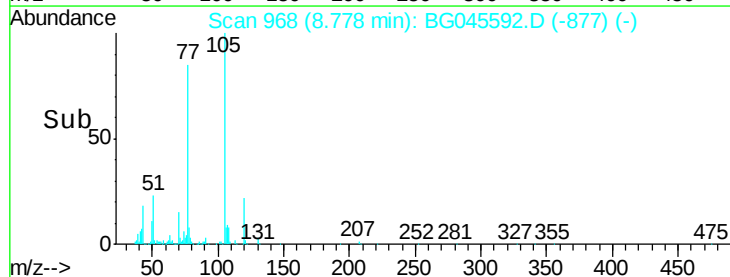
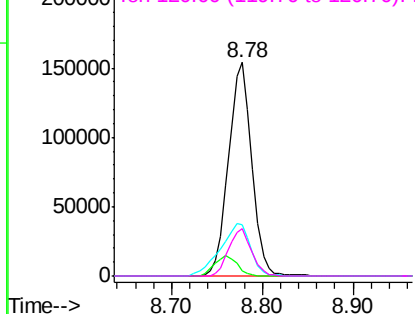
Abundance

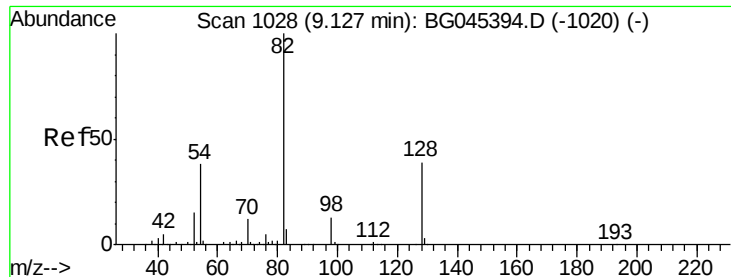
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

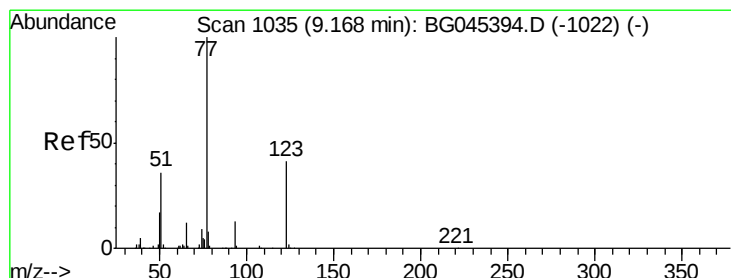
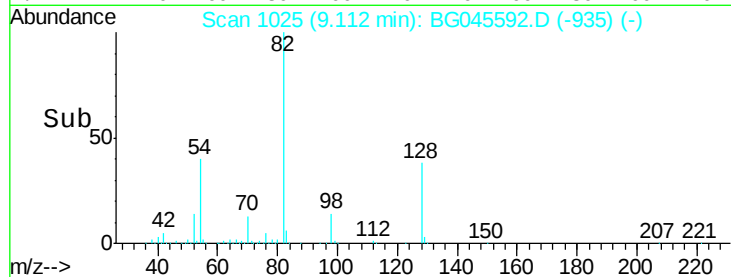
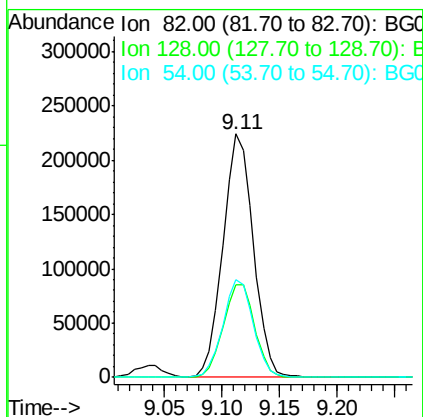
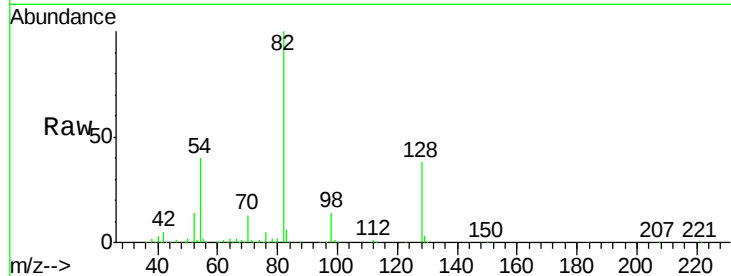




#23
 Nitrobenzene-d5
 Concen: 89.307 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

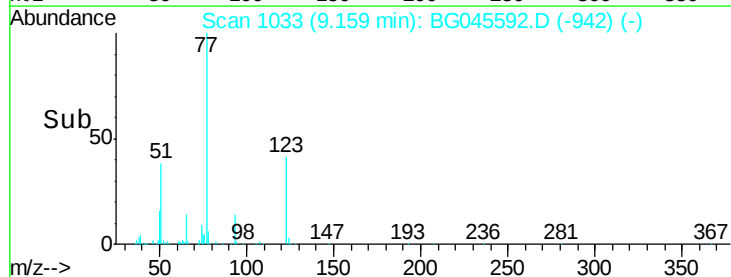
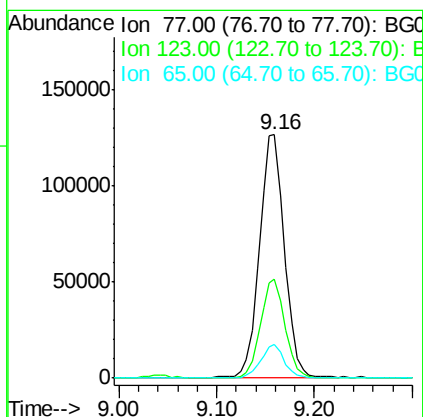
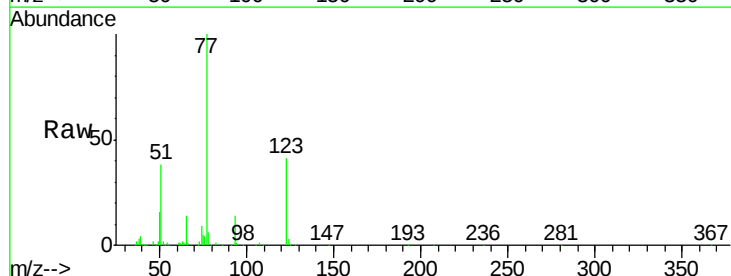
Instrument :
 BNA_G
 ClientSampleId :

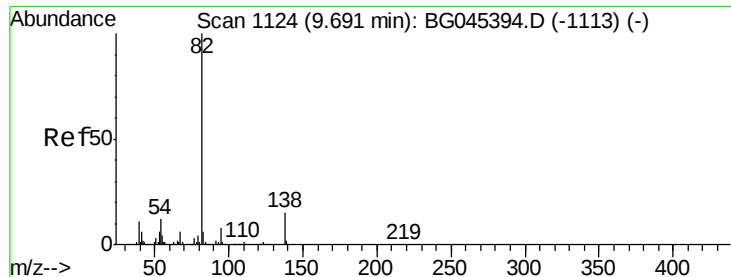
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.9	46.3
54	39.9	30.3	45.5



#24
 Nitrobenzene
 Concen: 46.678 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	32.9	49.3
65	14.0	9.4	14.2





#25

Isophorone

Concen: 45.936 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

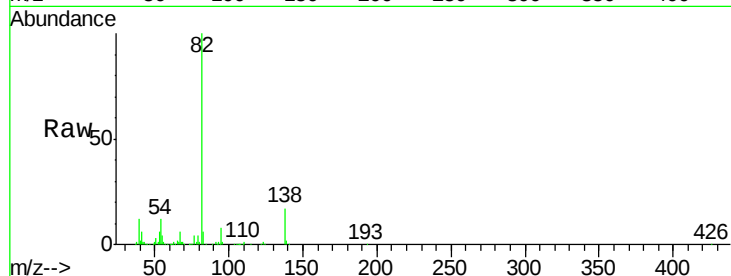
Tot Ion: 82 Resp: 414011

Ion Ratio Lower Upper

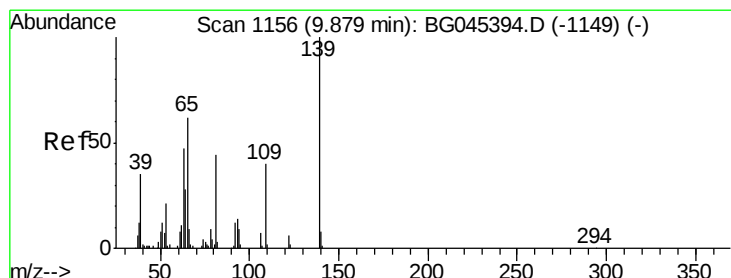
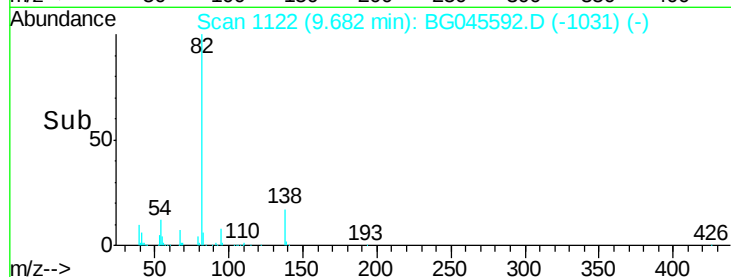
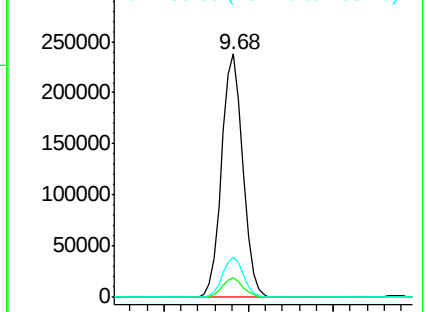
82 100

95 8.3 6.7 10.1

138 16.7 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: 49.570 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

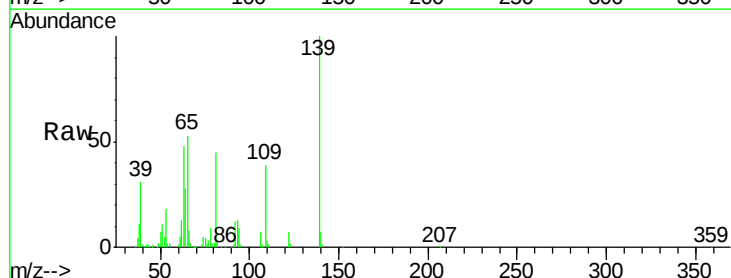
Tgt Ion: 139 Resp: 103972

Ion Ratio Lower Upper

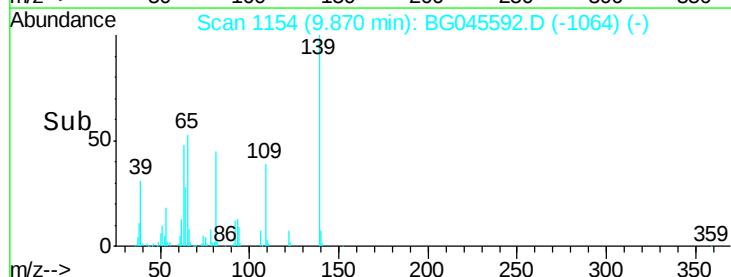
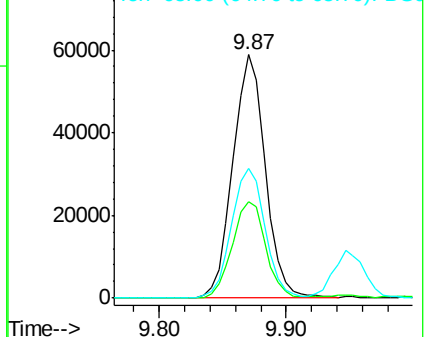
139 100

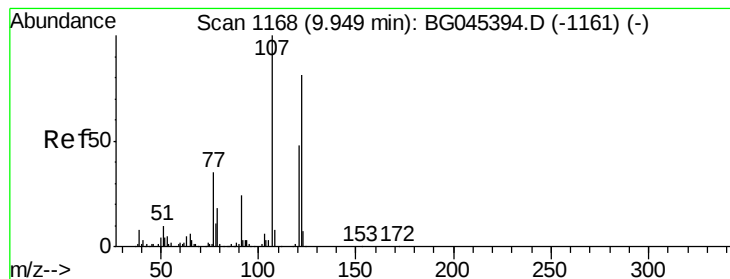
109 39.4 32.2 48.4

65 53.5 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: 55.167 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

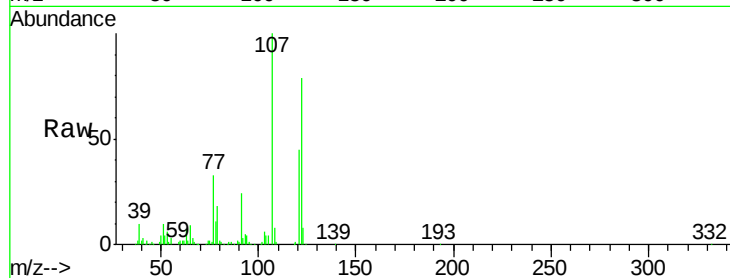
Tot Ion:122 Resp: 171620

Ion Ratio Lower Upper

122 100

107 125.8 99.0 148.4

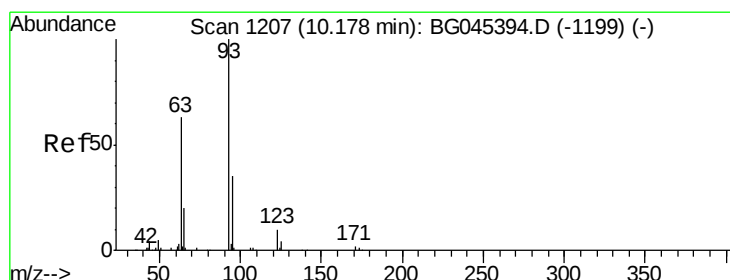
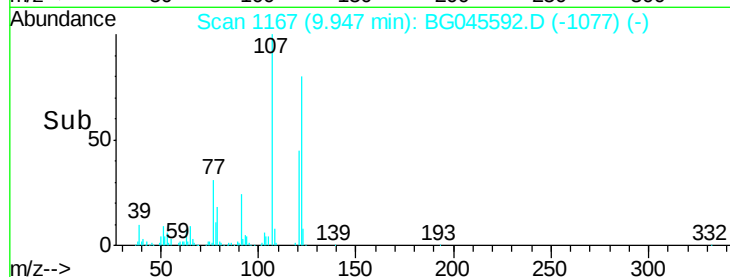
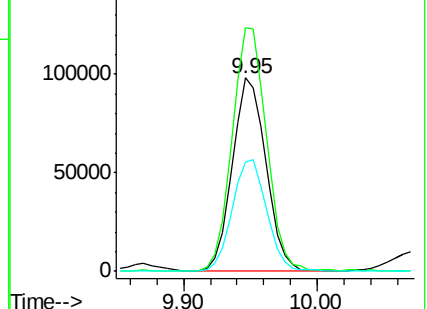
121 56.6 47.7 71.5



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: 48.857 ng

RT: 10.16 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

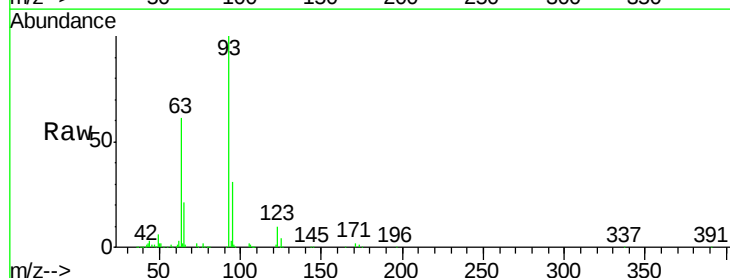
Tgt Ion: 93 Resp: 230927

Ion Ratio Lower Upper

93 100

95 30.8 27.6 41.4

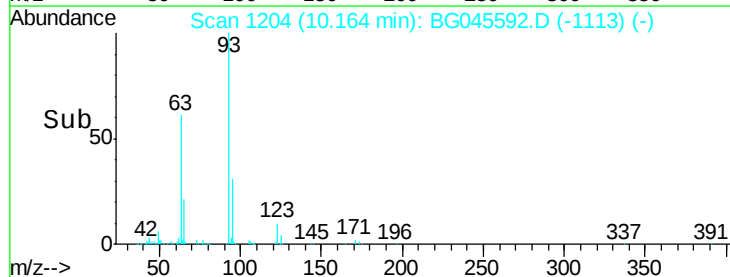
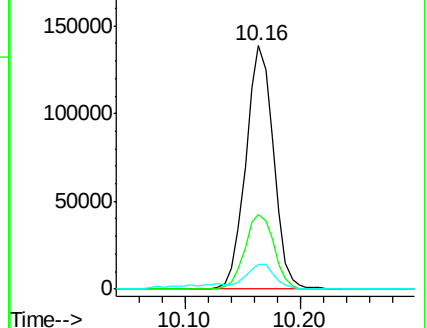
123 10.3 8.1 12.1



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: 51.567 ng

RT: 10.42 min Scan# 1248

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

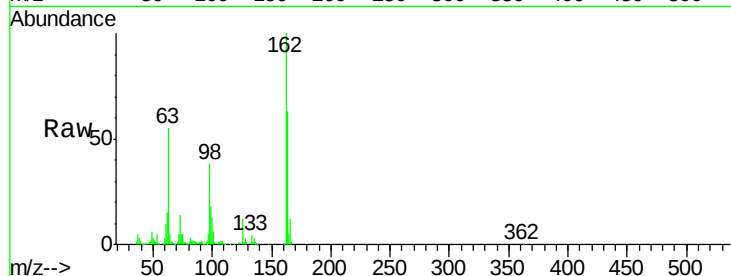
Tot Ion:162 Resp: 189435

Ion Ratio Lower Upper

162 100

164 62.8 46.8 86.8

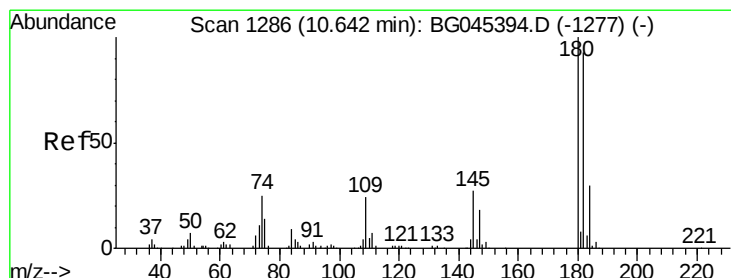
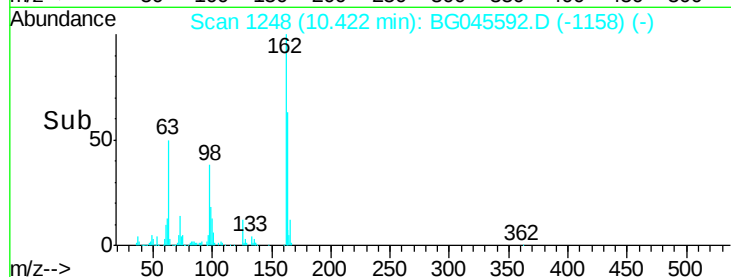
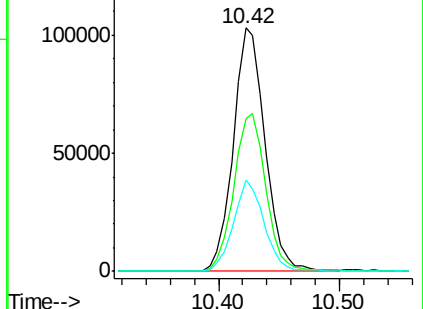
98 37.6 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 48.331 ng

RT: 10.63 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

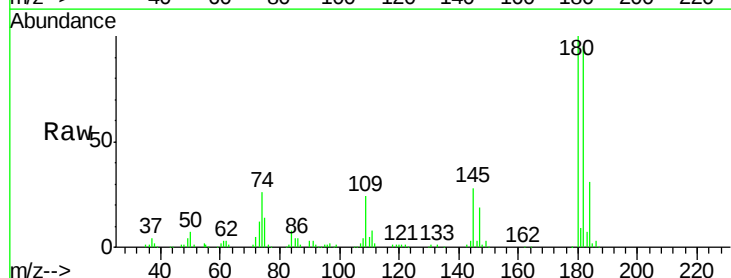
Tgt Ion:180 Resp: 209800

Ion Ratio Lower Upper

180 100

182 95.0 74.8 112.2

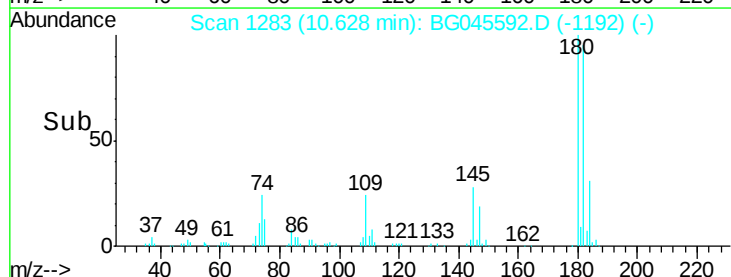
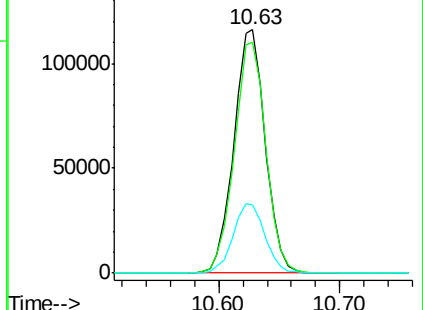
145 28.1 21.9 32.9

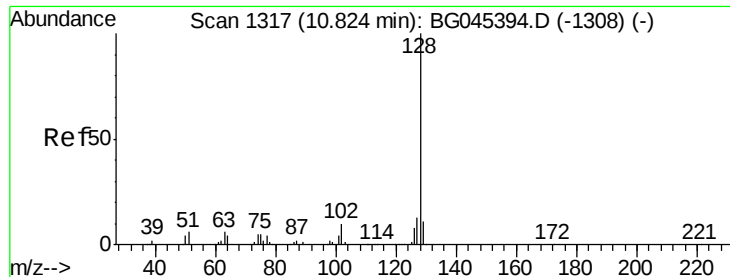


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

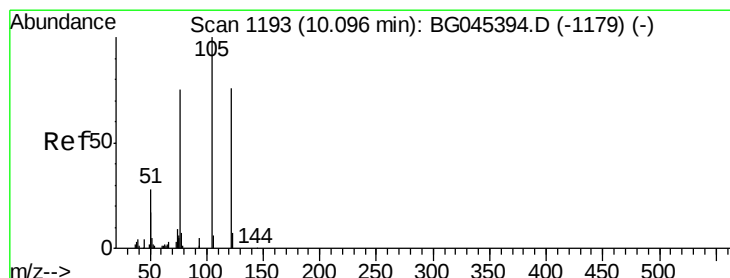
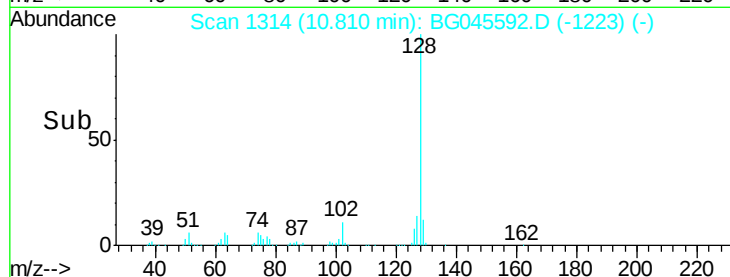
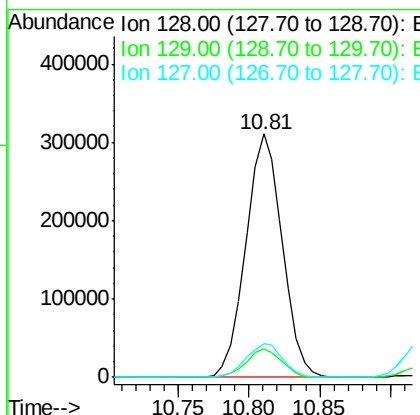
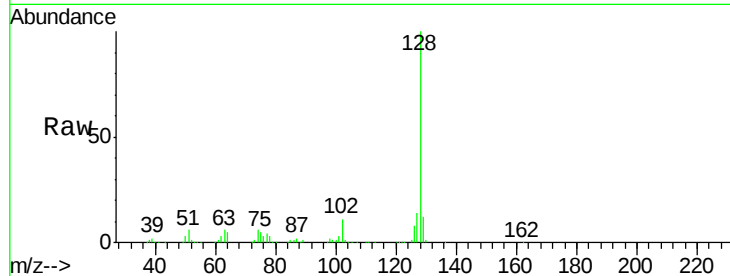




#31
Naphthalene
Concen: 48.102 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

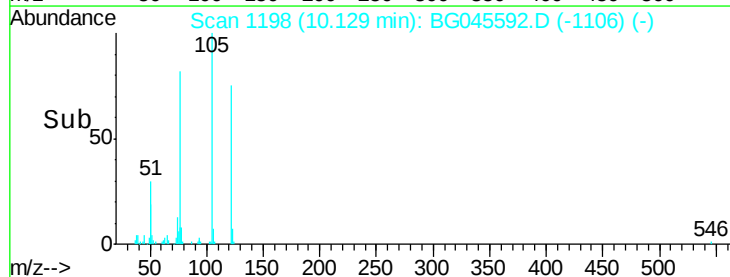
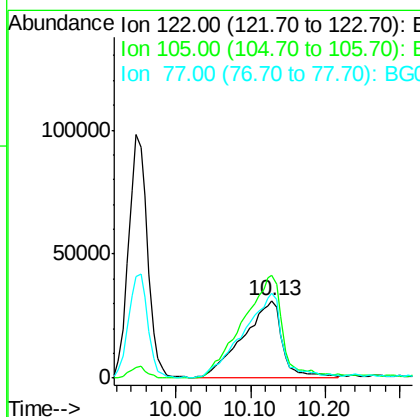
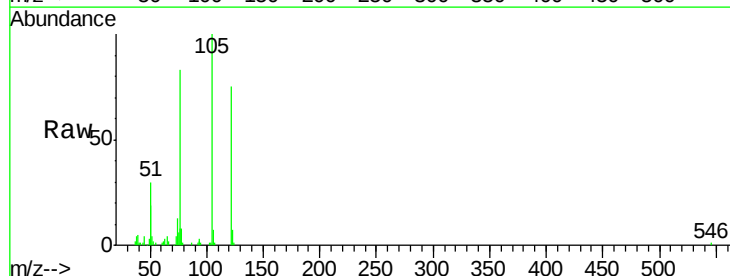
Instrument :
BNA_G
ClientSampleId :

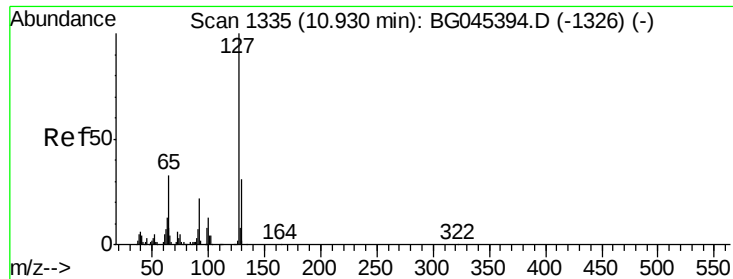
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.6	10.7	16.1



#32
Benzoic acid
Concen: 52.332 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.0	107.9	147.9
77	109.8	78.9	118.9

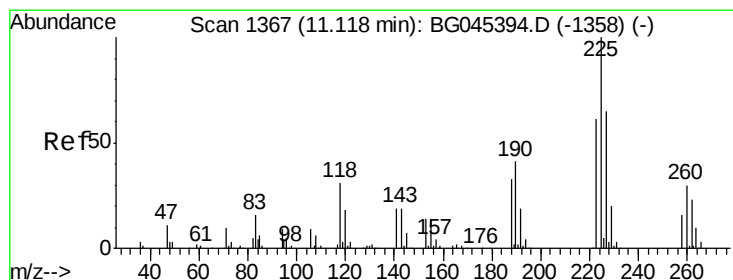
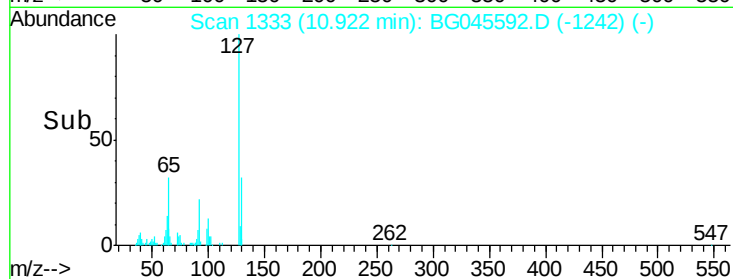
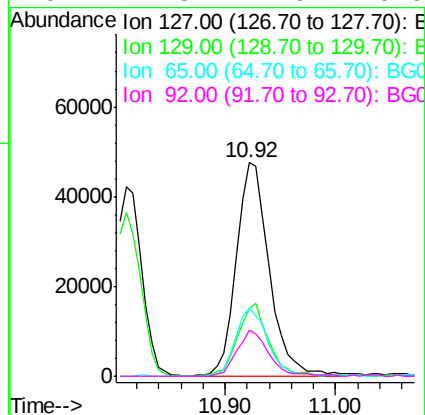
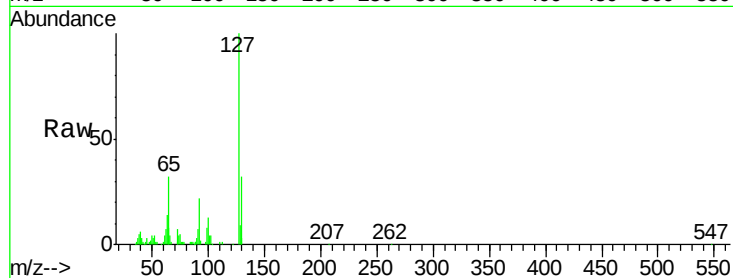




#33
4-Chloroaniline
Concen: 20.591 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

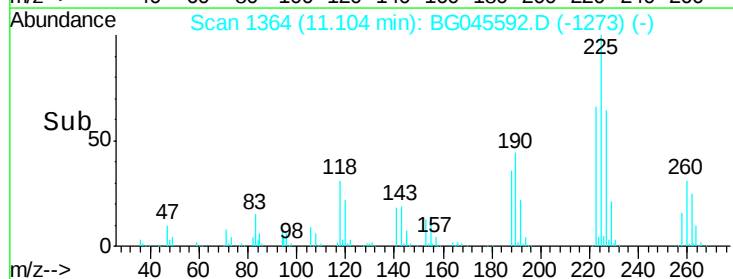
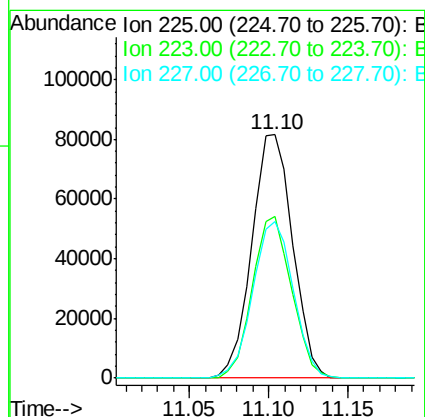
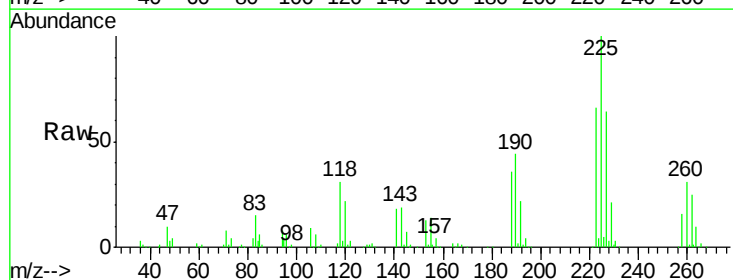
Instrument :
BNA_G
ClientSampleId :

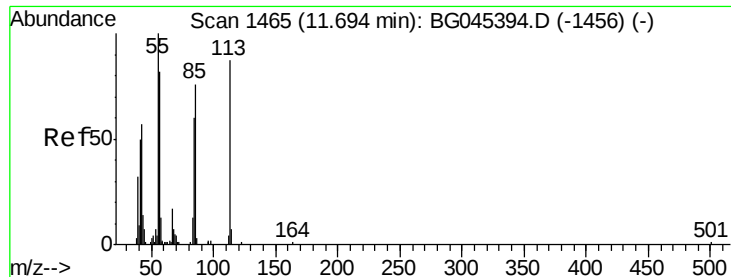
Tot Ion:127 Resp: 100095
Ion Ratio Lower Upper
127 100
129 31.9 24.7 37.1
65 31.7 26.2 39.2
92 21.8 17.9 26.9



#34
Hexachlorobutadiene
Concen: 47.649 ng
RT: 11.10 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:225 Resp: 146209
Ion Ratio Lower Upper
225 100
223 66.5 49.1 73.7
227 64.4 52.0 78.0

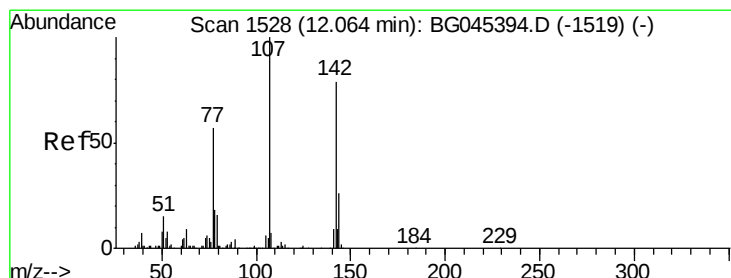
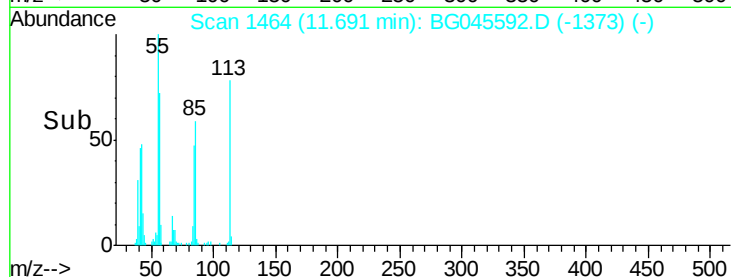
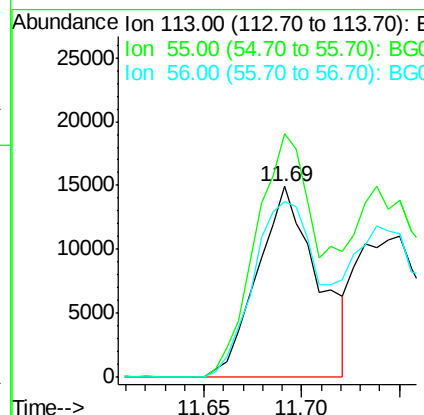
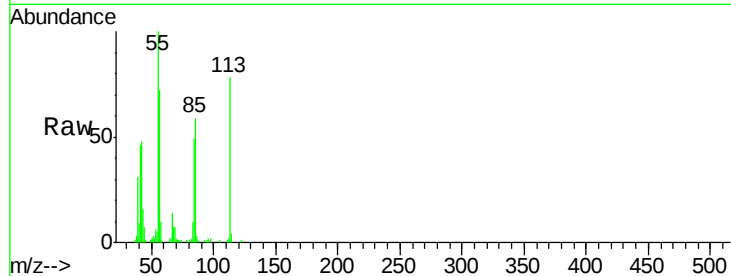




#35
Caprolactam
Concen: 23.600 ng
RT: 11.69 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

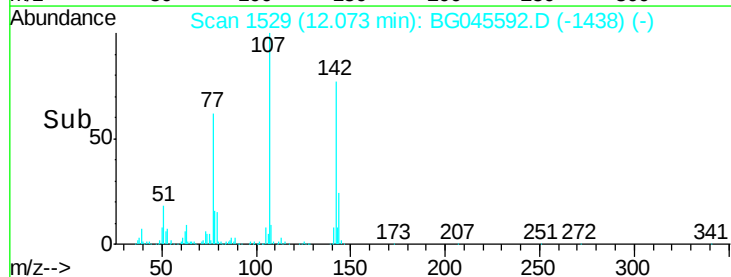
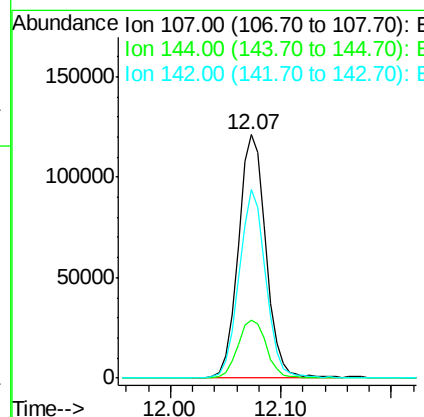
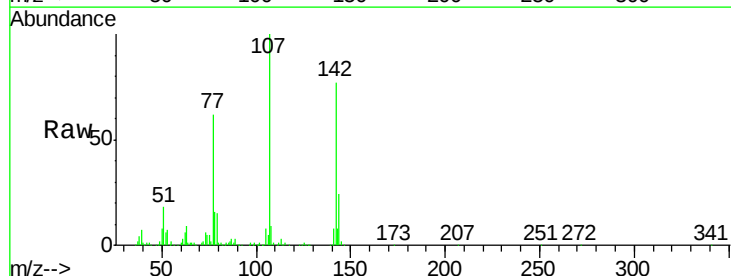
Instrument :
BNA_G
ClientSampleId :

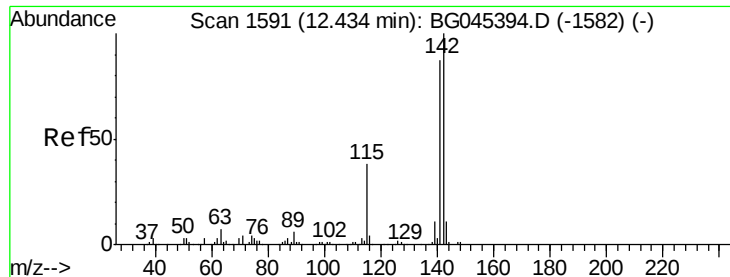
Tot Ion:113 Resp: 31822
Ion Ratio Lower Upper
113 100
55 127.7 96.0 136.0
56 92.1 75.1 115.1



#36
4-Chloro-3-methylphenol
Concen: 51.230 ng
RT: 12.07 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:107 Resp: 212067
Ion Ratio Lower Upper
107 100
144 24.0 20.8 31.2
142 77.5 62.8 94.2

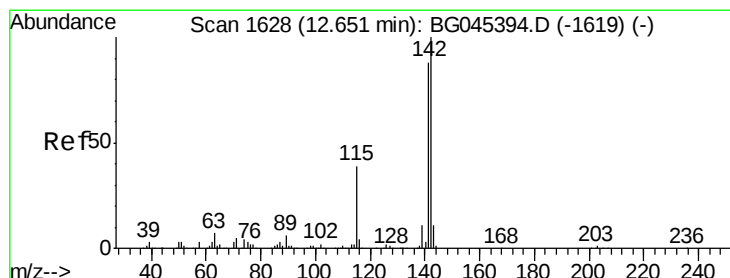
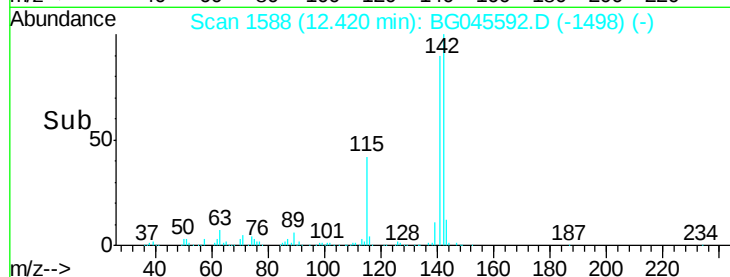
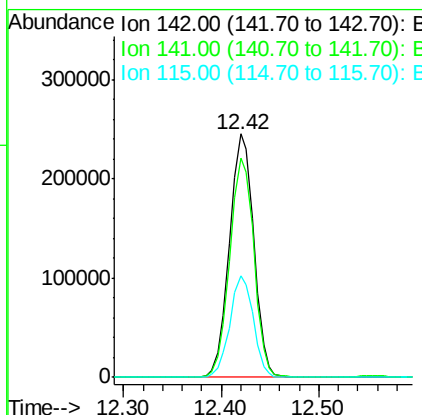
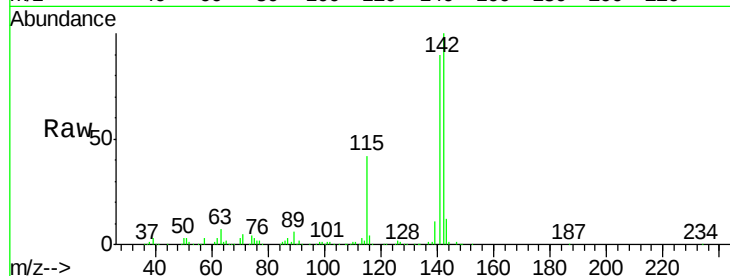




#37
2-Methylnaphthalene
Concen: 49.121 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

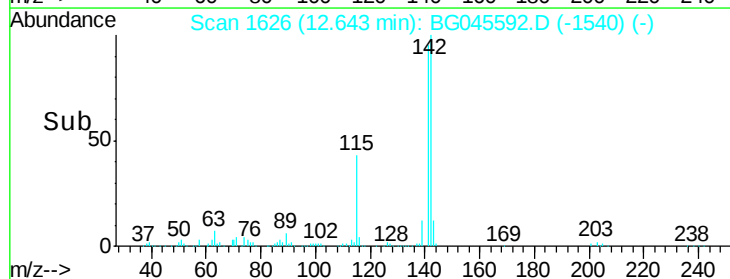
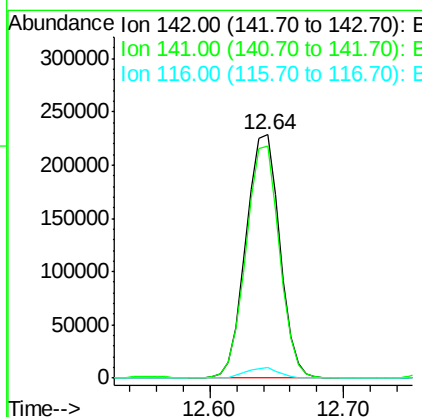
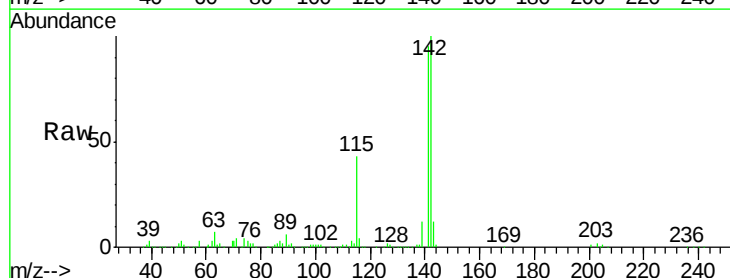
Instrument :
BNA_G
ClientSampleId :

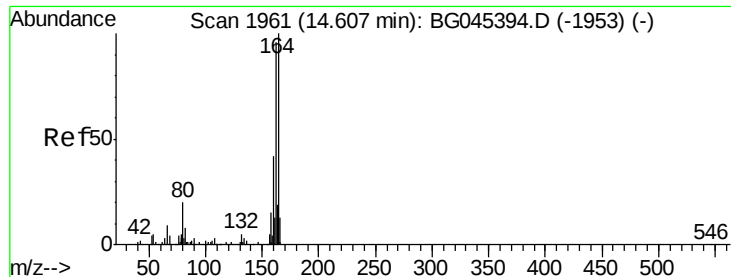
Tot Ion:142 Resp: 425770
Ion Ratio Lower Upper
142 100
141 89.8 70.0 105.0
115 41.6 30.8 46.2



#38
1-Methylnaphthalene
Concen: 48.886 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:142 Resp: 400265
Ion Ratio Lower Upper
142 100
141 95.3 70.8 106.2
116 4.4 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampled :

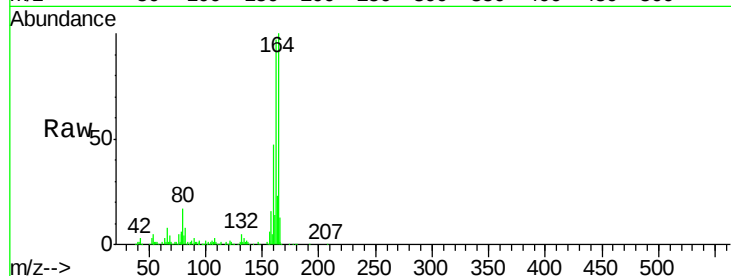
Tot Ion:164 Resp: 174028

Ion Ratio Lower Upper

164 100

162 97.1 76.9 115.3

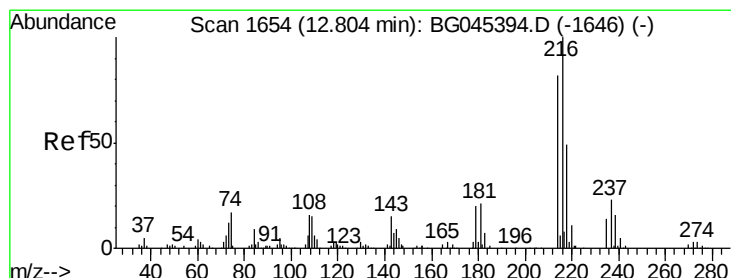
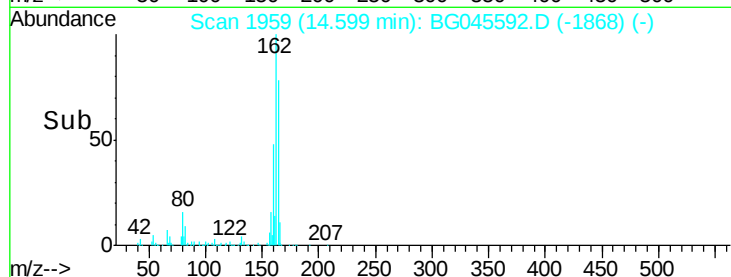
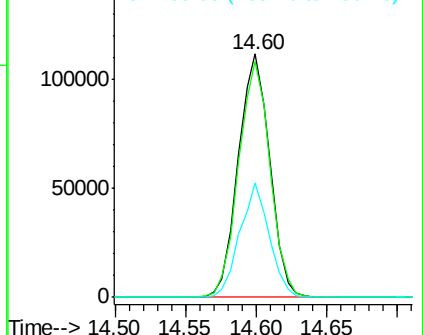
160 46.9 33.8 50.8



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: 50.825 ng

RT: 12.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:216 Resp: 247052

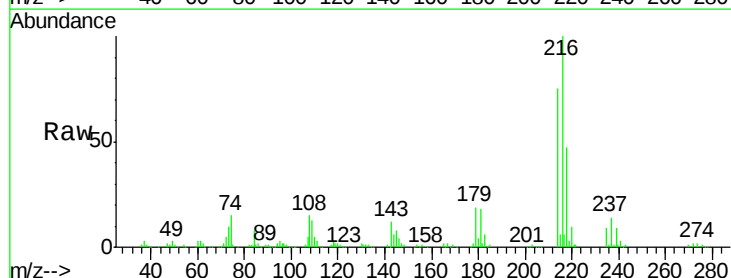
Ion Ratio Lower Upper

216 100

214 77.3 63.7 95.5

179 19.6 16.1 24.1

108 18.5 13.8 20.6

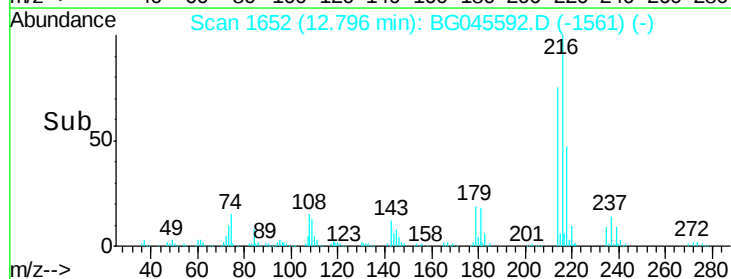
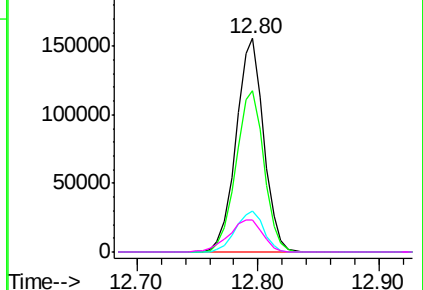


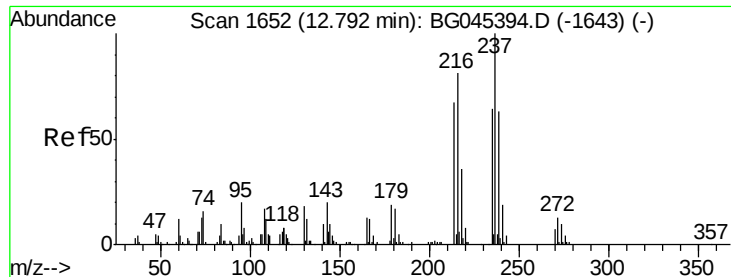
Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.610 ng

RT: 12.78 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

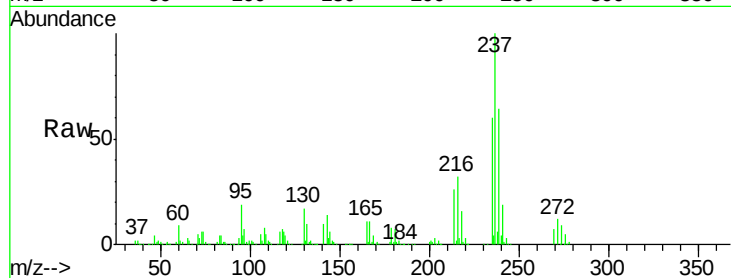
Tot Ion:237 Resp: 268244

Ion Ratio Lower Upper

237 100

235 59.7 44.4 84.4

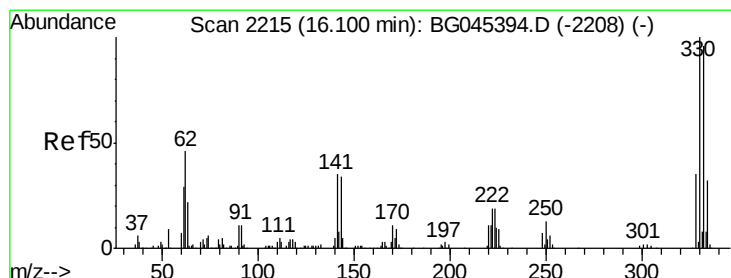
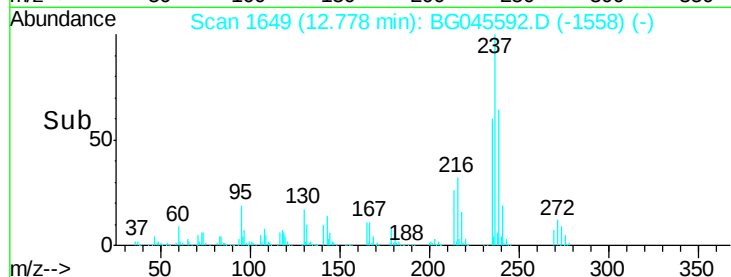
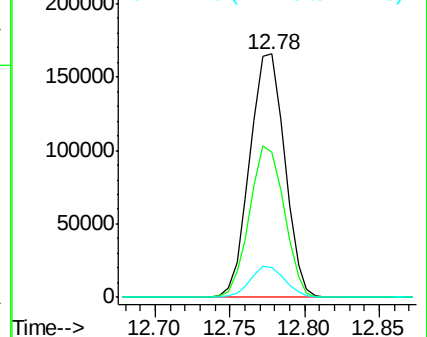
272 12.3 0.0 32.5



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: 133.593 ng

RT: 16.10 min Scan# 2214

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

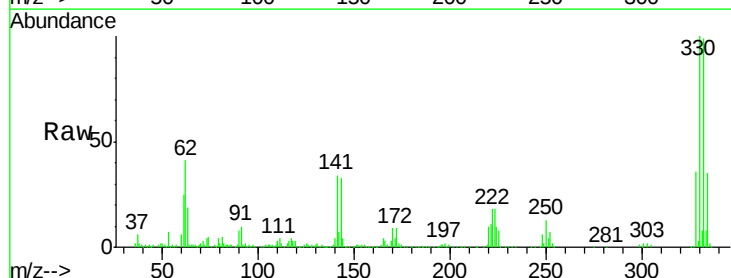
Tgt Ion:330 Resp: 297328

Ion Ratio Lower Upper

330 100

332 98.7 78.2 117.4

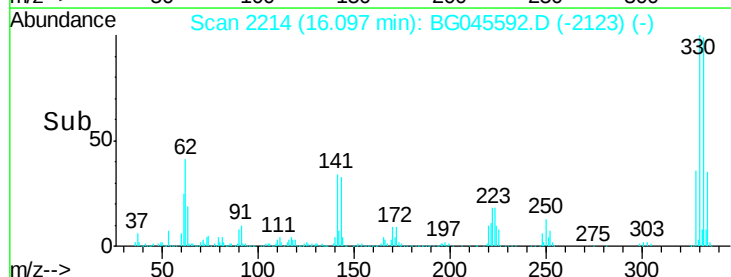
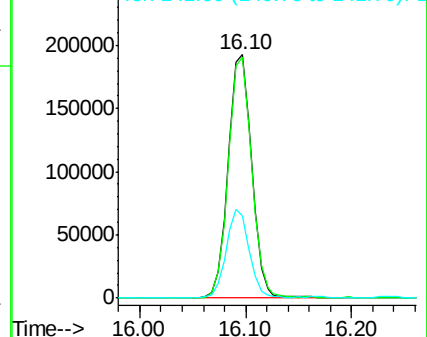
141 35.4 28.2 42.4

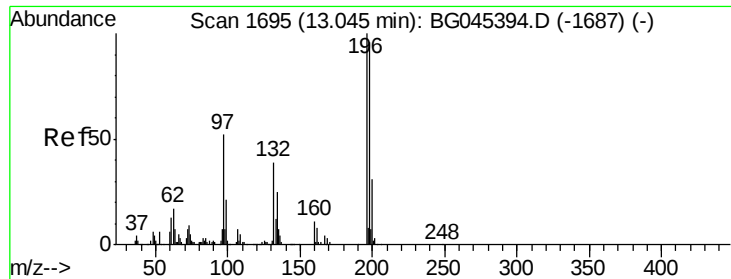


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

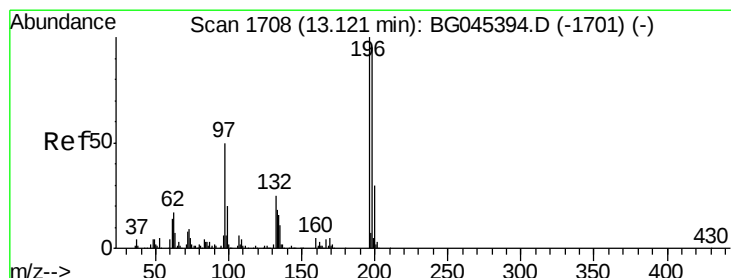
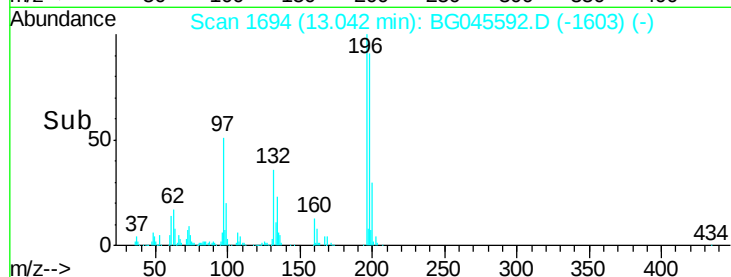
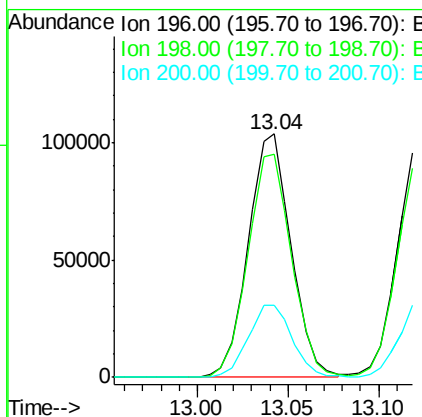
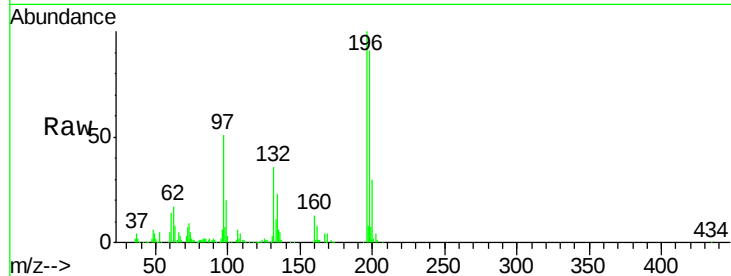




#43
 2,4,6-Trichlorophenol
 Concen: 50.525 ng
 RT: 13.04 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

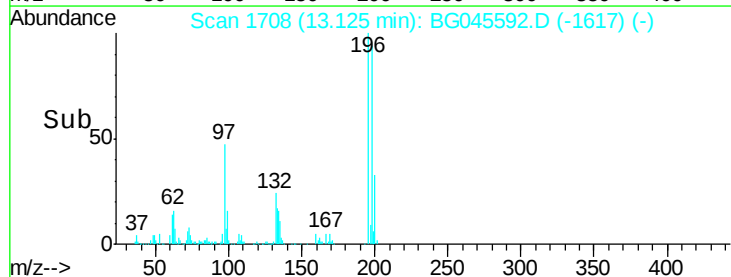
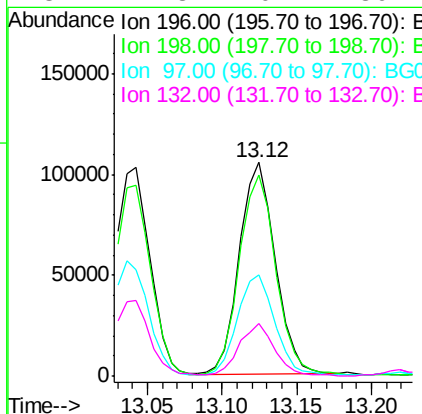
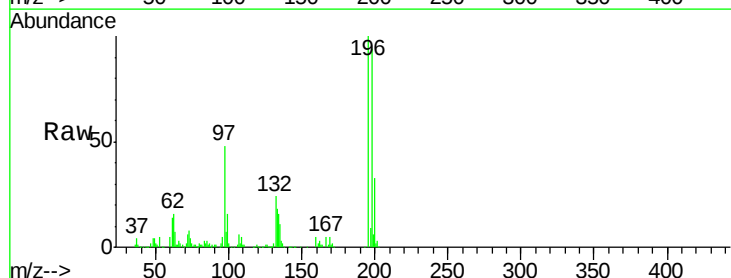
Instrument :
 BNA_G
 ClientSampled :

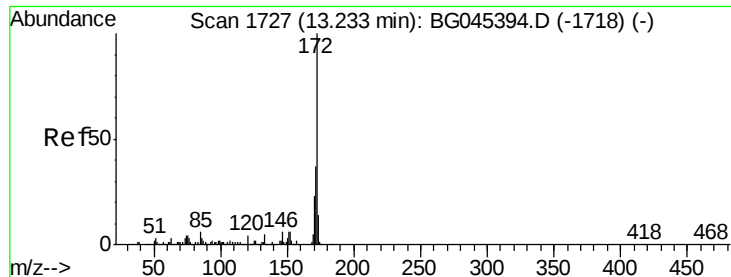
Tot Ion:196 Resp: 170606
 Ion Ratio Lower Upper
 196 100
 198 91.5 76.7 115.1
 200 29.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.657 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion:196 Resp: 176175
 Ion Ratio Lower Upper
 196 100
 198 93.9 76.1 114.1
 97 47.6 40.0 60.0
 132 24.3 20.2 30.2

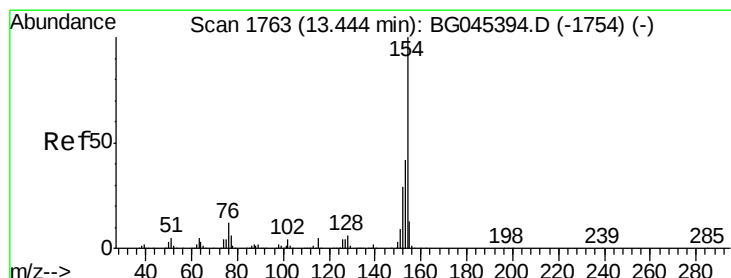
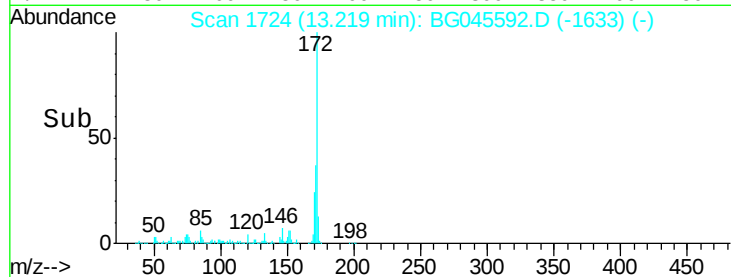
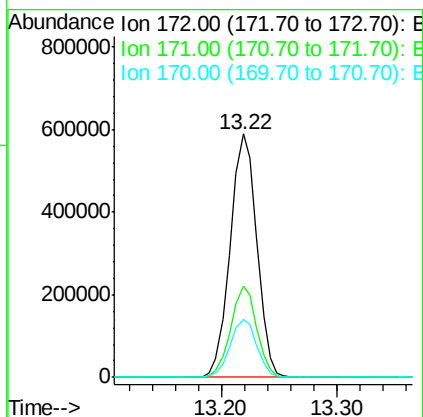
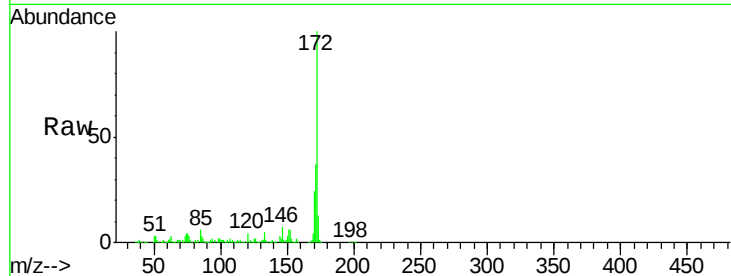




#45
2-Fluorobiphenyl
Concen: 91.630 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

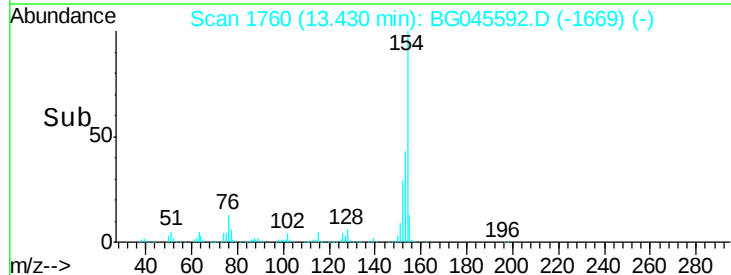
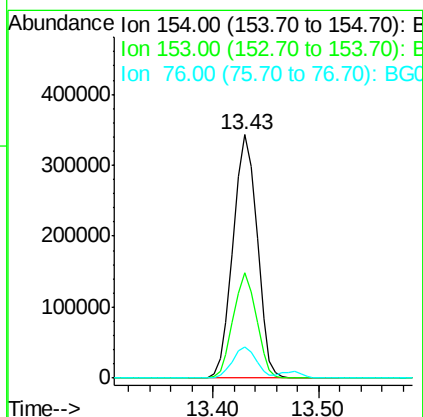
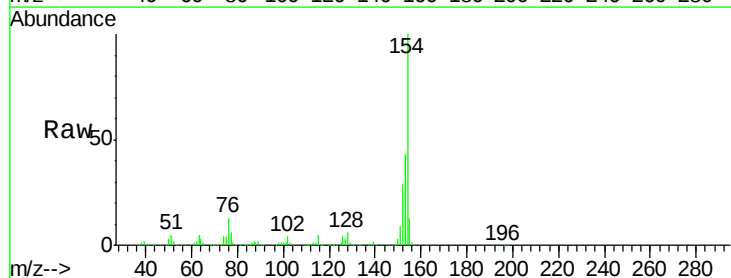
Instrument :
BNA_G
ClientSampleId :

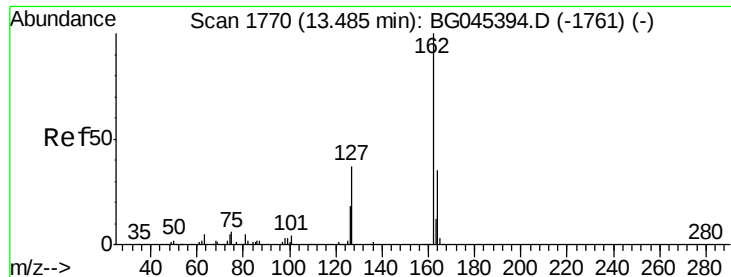
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.5	44.3
170	23.8	18.5	27.7



#46
1,1'-Biphenyl
Concen: 50.490 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.2	62.2
76	12.7	0.0	32.4

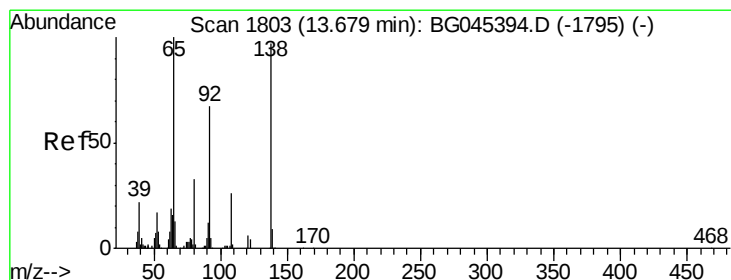
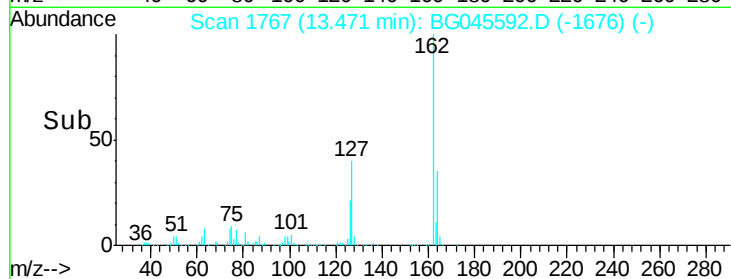
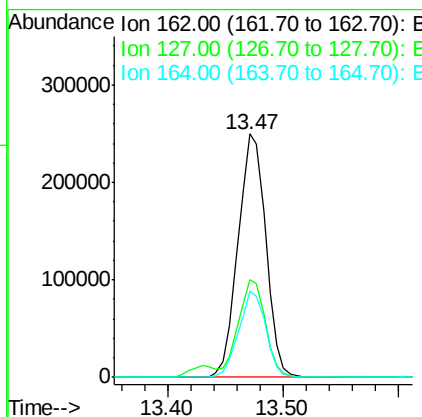
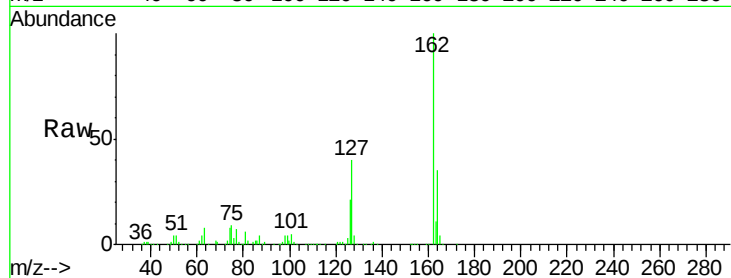




#47
2-Chloronaphthalene
Concen: 48.056 ng
RT: 13.47 min Scan# 1767
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

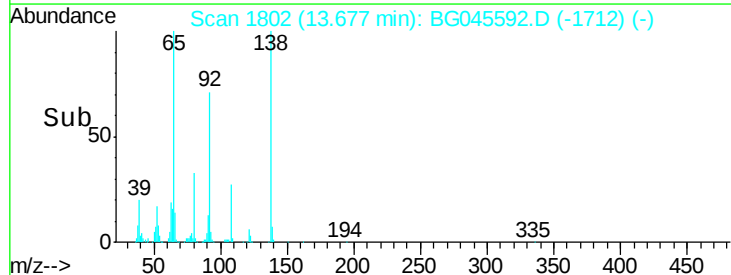
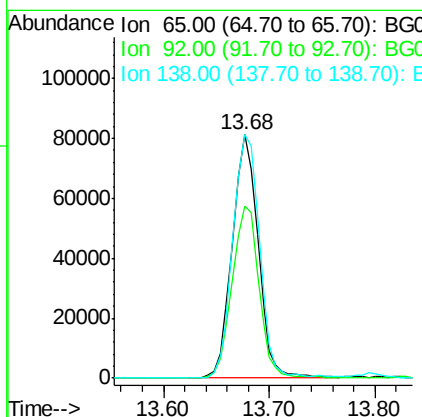
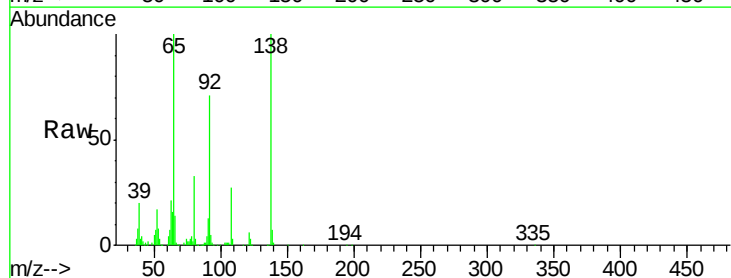
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.6	47.4
164	35.2	28.1	42.1



#48
2-Nitroaniline
Concen: 48.211 ng
RT: 13.68 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	53.8	80.8
138	100.1	77.9	116.9





#49

Acenaphthylene

Concen: 49.359 ng

RT: 14.32 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampled :

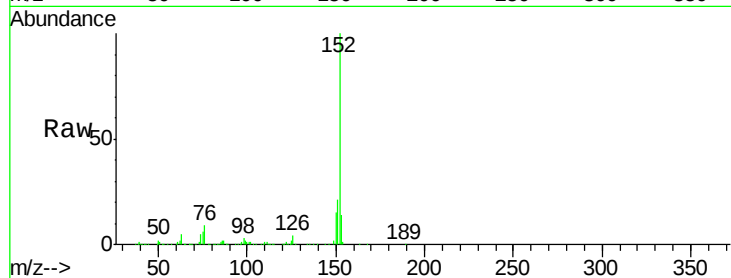
Tot Ion:152 Resp: 688434

Ion Ratio Lower Upper

152 100

151 21.4 17.4 26.2

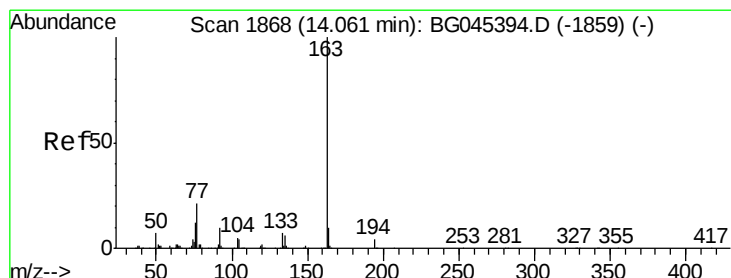
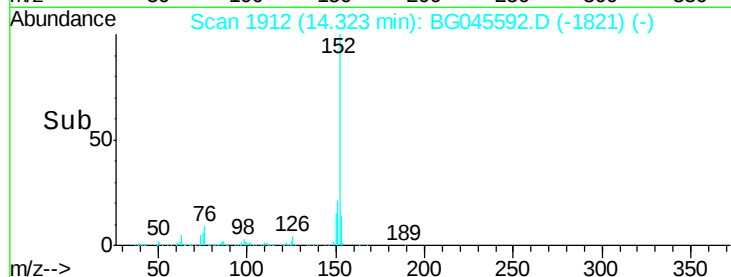
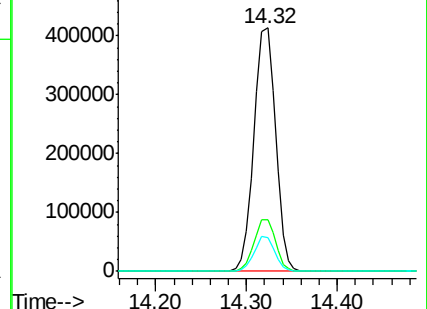
153 13.8 10.7 16.1



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: 57.276 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

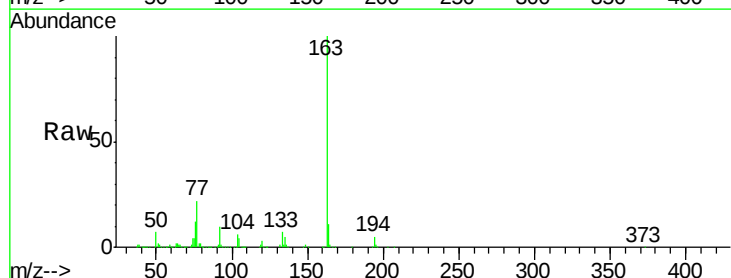
Tgt Ion:163 Resp: 683773

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

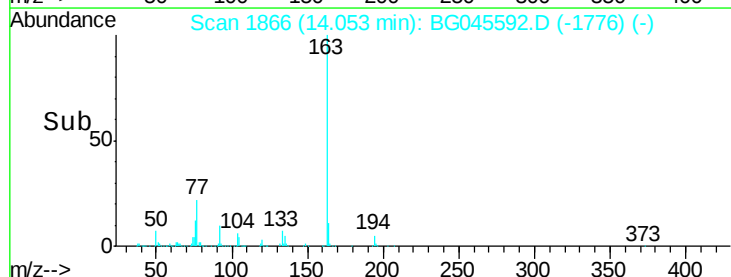
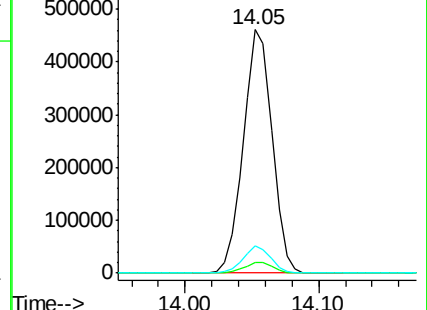
164 11.0 8.3 12.5

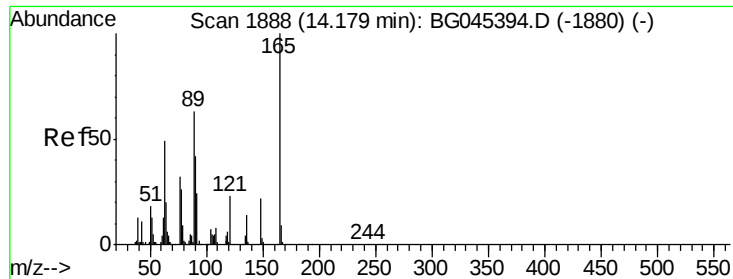


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

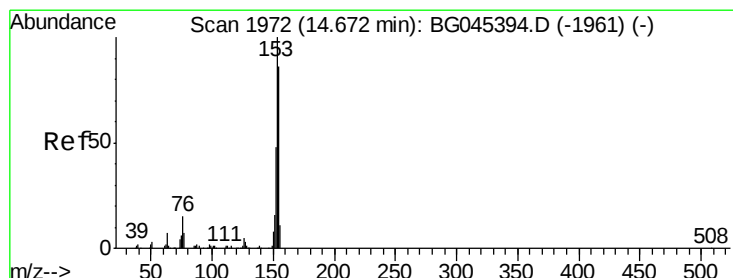
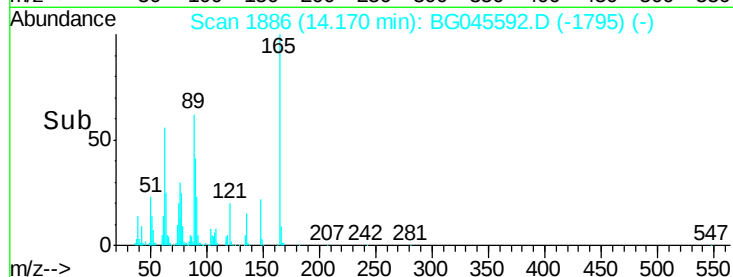
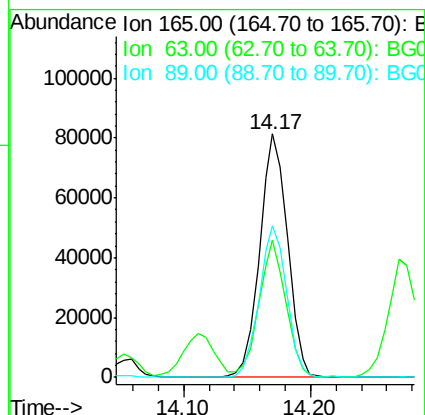
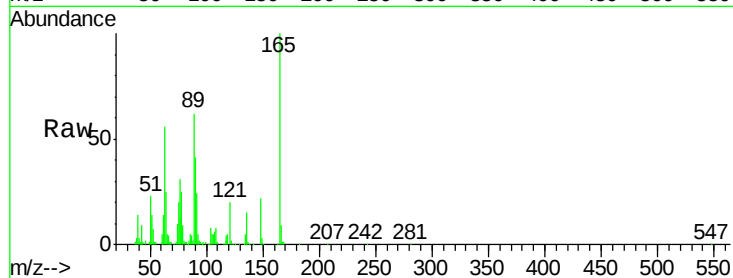




#51
 2,6-Dinitrotoluene
 Concen: 46.164 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

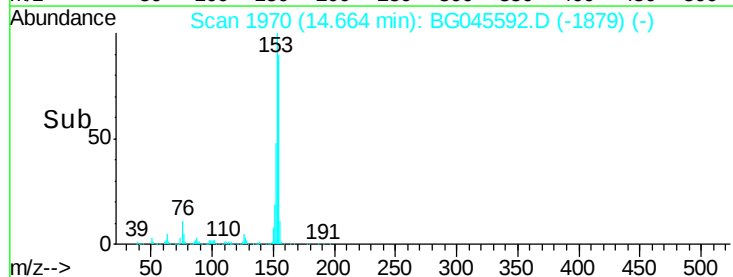
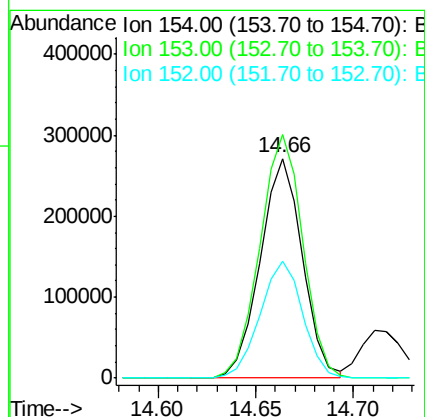
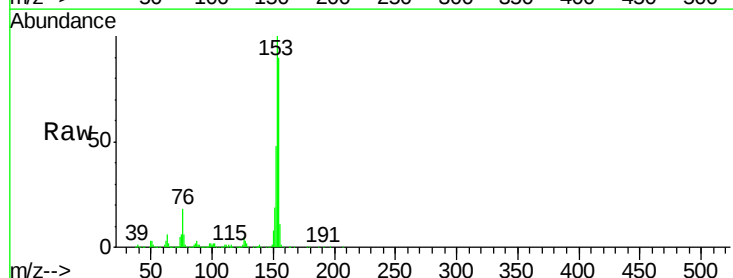
Instrument :
 BNA_G
 ClientSampleId :

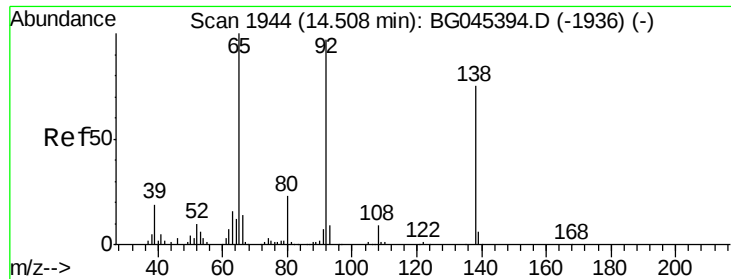
Tot Ion:165 Resp: 124360
 Ion Ratio Lower Upper
 165 100
 63 56.2 45.0 67.4
 89 62.1 50.2 75.4



#52
 Acenaphthene
 Concen: 43.426 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion:154 Resp: 405432
 Ion Ratio Lower Upper
 154 100
 153 110.8 92.8 139.2
 152 53.4 44.6 66.8





#53

3-Nitroaniline

Concen: 24.862 ng

RT: 14.51 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

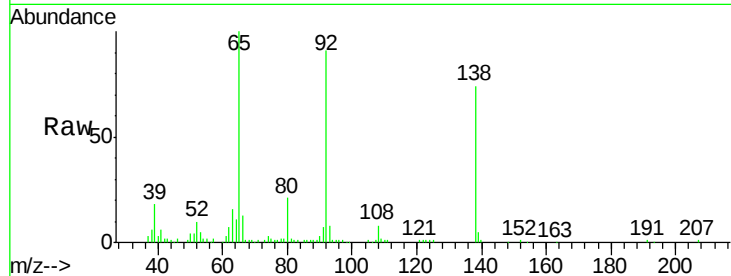
Tot Ion:138 Resp: 68084

Ion Ratio Lower Upper

138 100

108 10.9 9.8 14.6

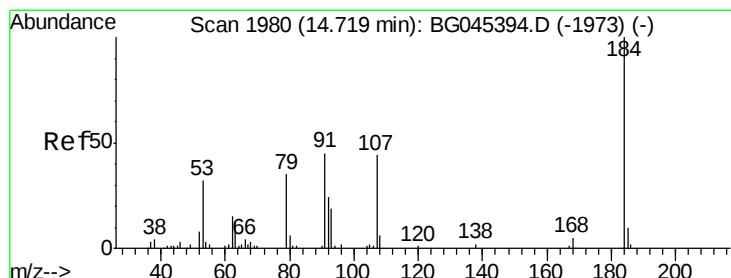
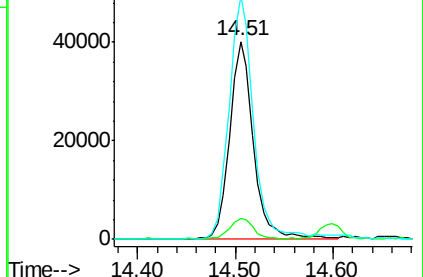
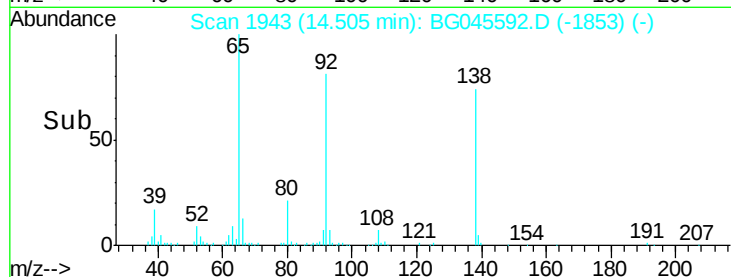
92 123.2 103.0 154.4



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): B



#54

2,4-Dinitrophenol

Concen: 82.211 ng

RT: 14.71 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

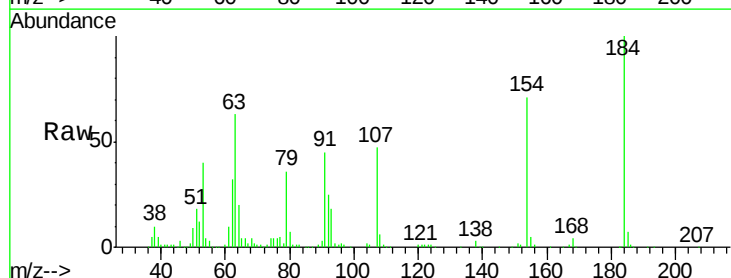
Tgt Ion:184 Resp: 145360

Ion Ratio Lower Upper

184 100

63 62.5 47.8 71.6

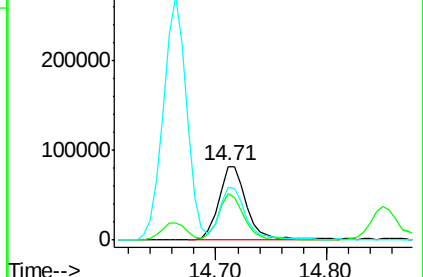
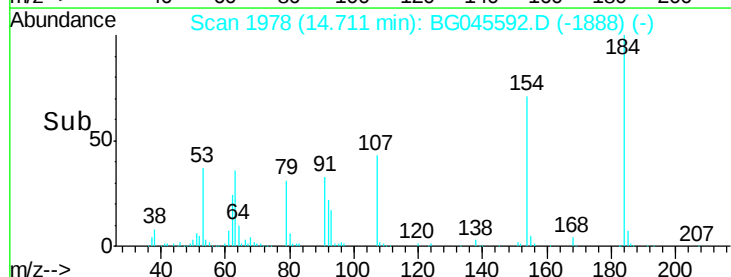
154 71.0 58.3 87.5

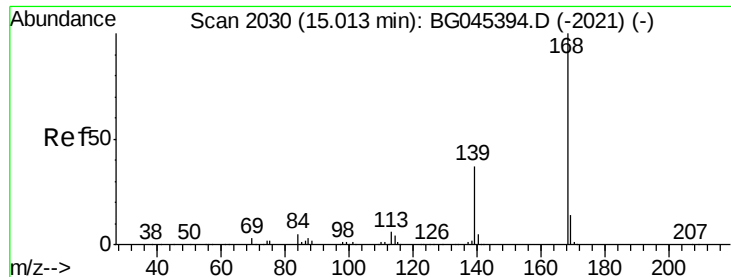


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

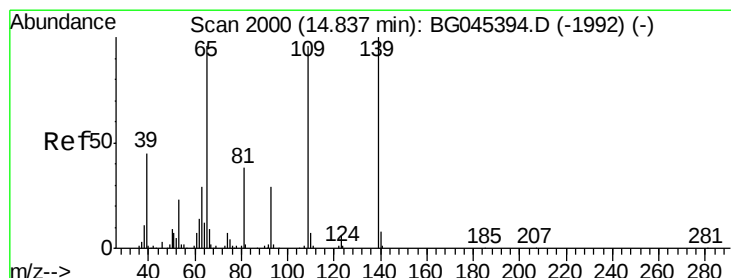
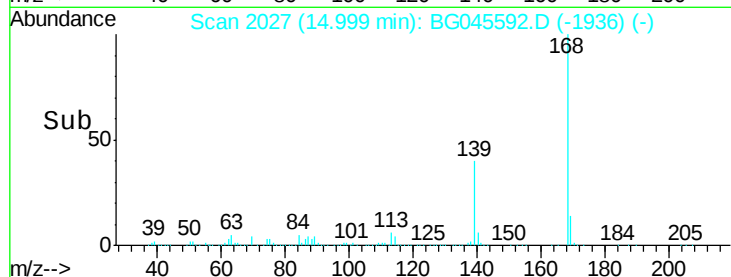
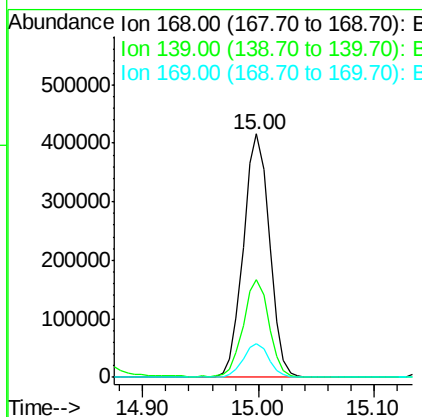
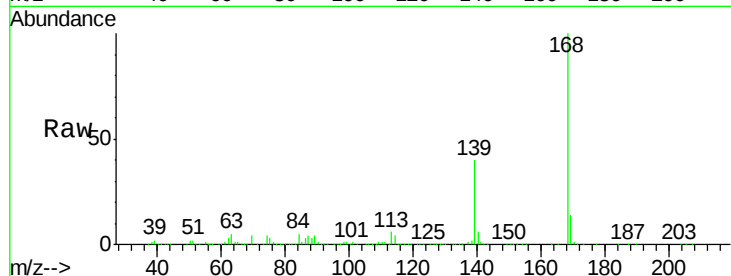




#55
Dibenzofuran
Concen: 47.314 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

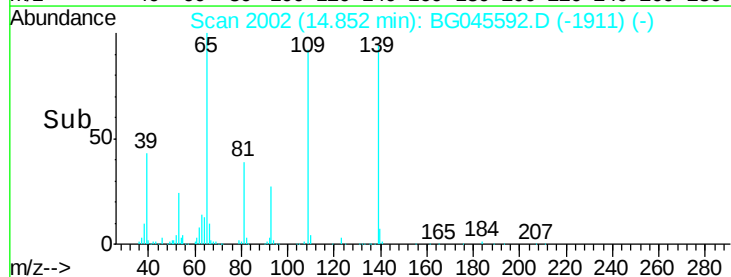
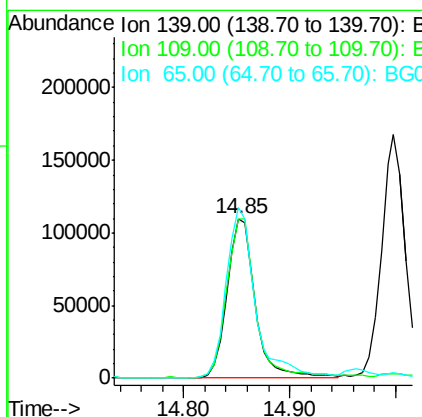
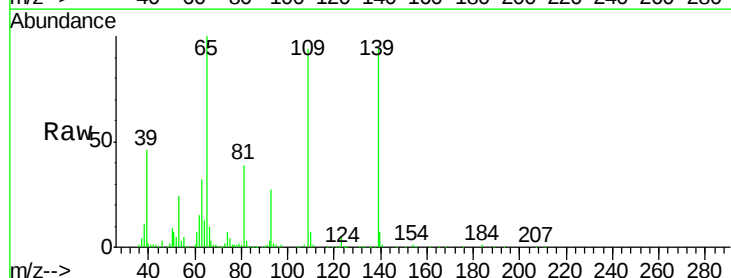
Instrument :
BNA_G
ClientSampled :

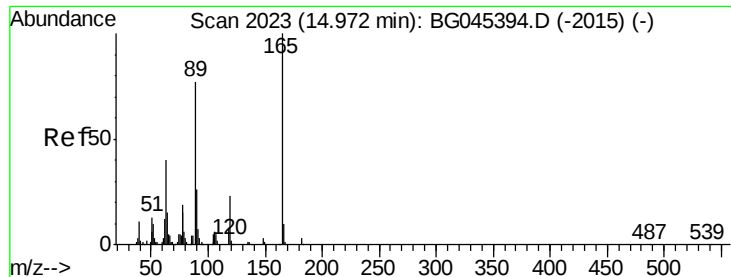
Tot Ion:168 Resp: 655981
Ion Ratio Lower Upper
168 100
139 40.3 29.9 44.9
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 97.459 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:139 Resp: 202057
Ion Ratio Lower Upper
139 100
109 99.9 75.6 115.6
65 106.8 76.8 116.8

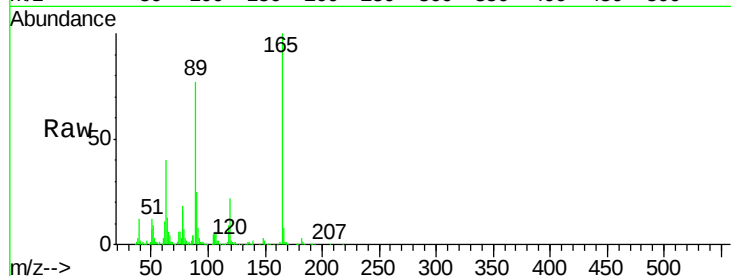




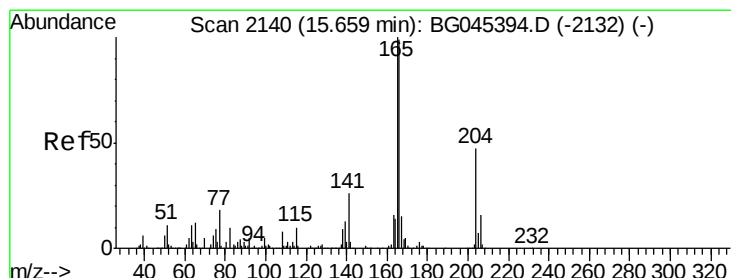
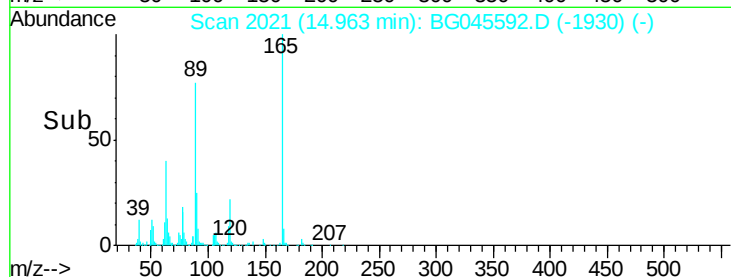
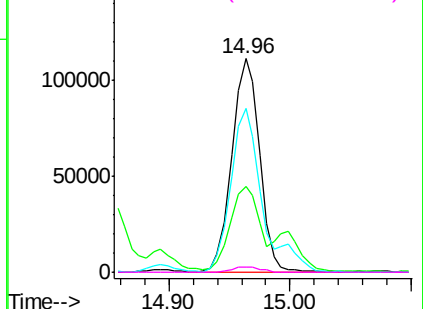
#57
2,4-Dinitrotoluene
Concen: 45.895 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 179054
Ion Ratio Lower Upper
165 100
63 40.1 32.5 48.7
89 77.0 61.8 92.6
182 2.7 2.3 3.5

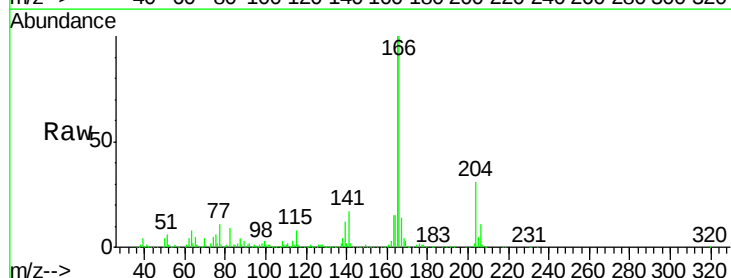


Abundance Ion 165.00 (164.70 to 165.70): E

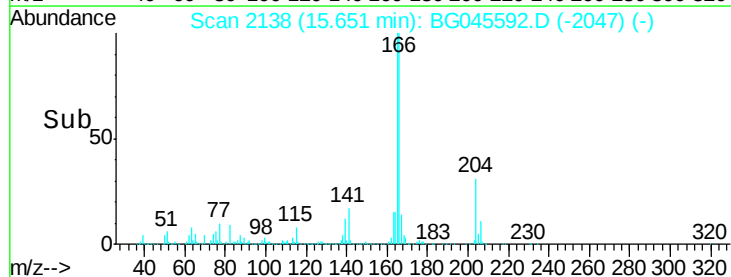
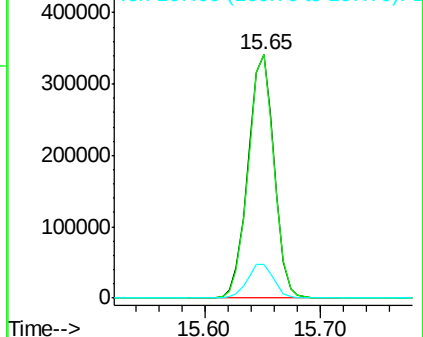


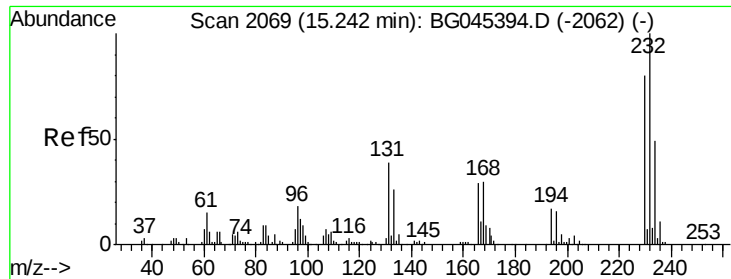
#58
Fluorene
Concen: 46.928 ng
RT: 15.65 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:166 Resp: 534526
Ion Ratio Lower Upper
166 100
165 100.1 80.8 121.2
167 14.1 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

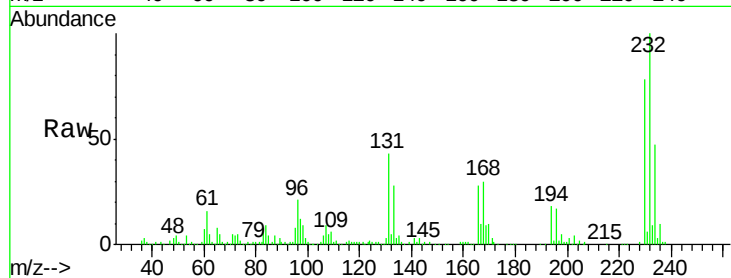




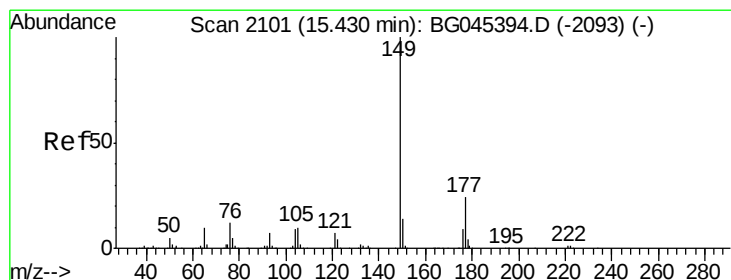
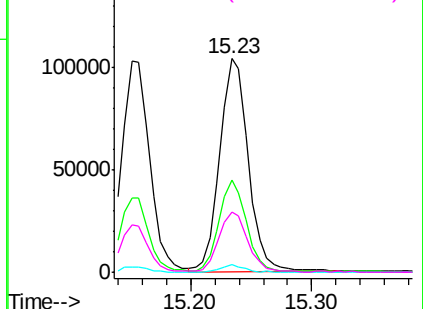
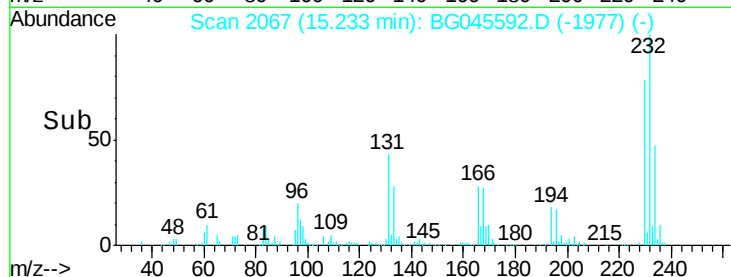
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.964 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 169615
 Ion Ratio Lower Upper
 232 100
 131 40.7 33.7 50.5
 130 2.9 2.1 3.1
 166 28.6 23.2 34.8

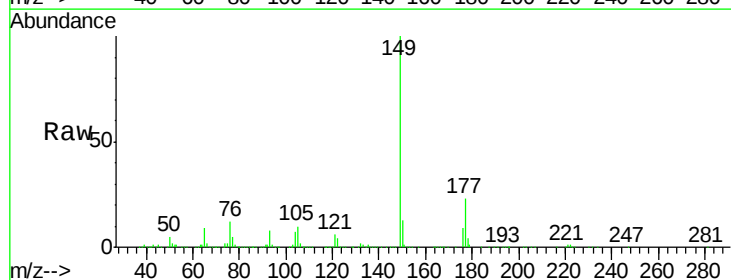


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

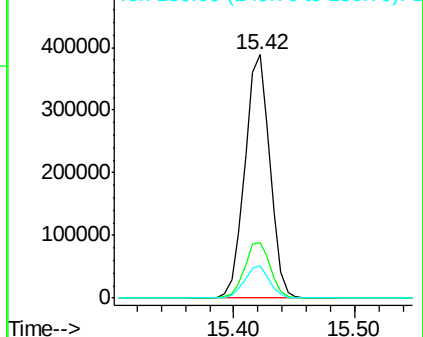
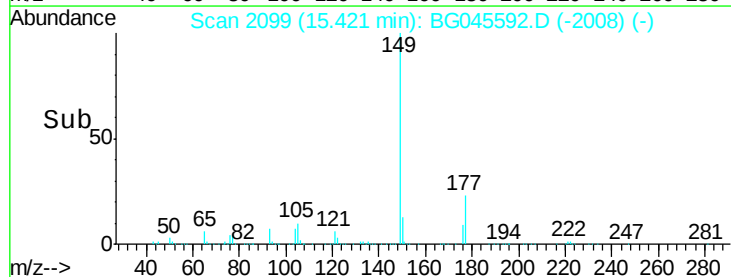


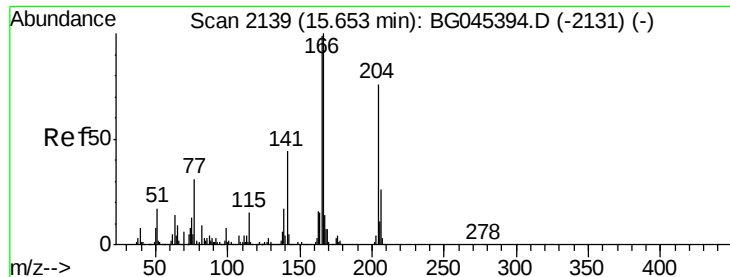
#60
 Diethylphthalate
 Concen: 45.206 ng
 RT: 15.42 min Scan# 2099
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion:149 Resp: 561720
 Ion Ratio Lower Upper
 149 100
 177 22.9 19.0 28.4
 150 13.2 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

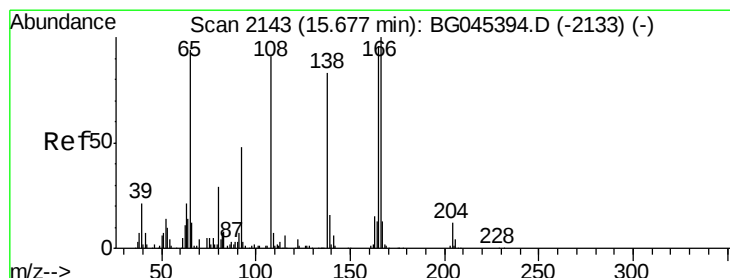
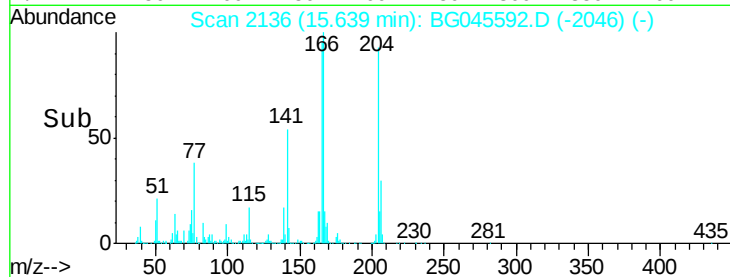
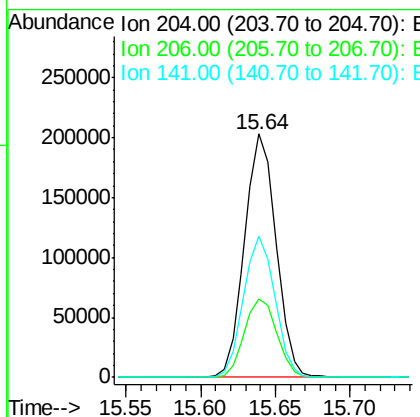
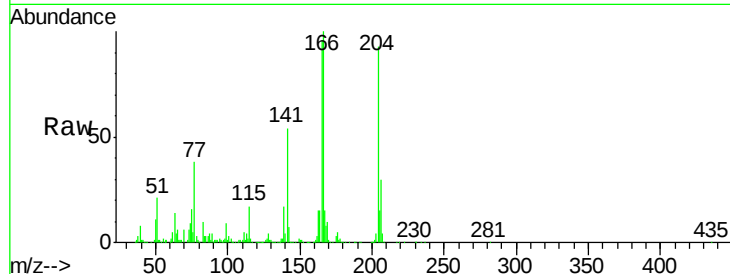




#61
 4-Chlorophenyl-phenylether
 Concen: 45.454 ng
 RT: 15.64 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

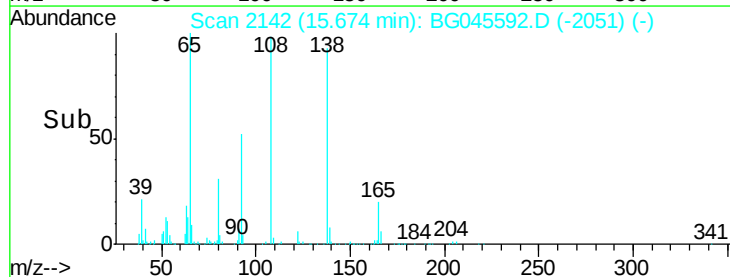
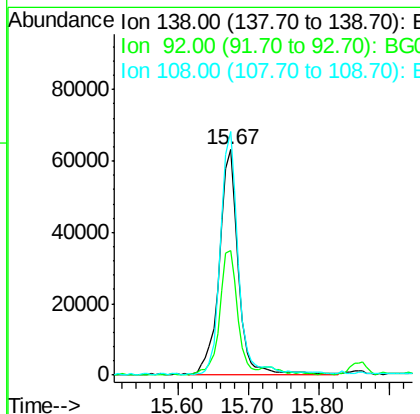
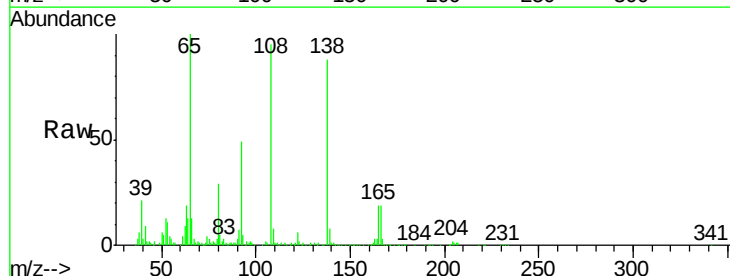
Instrument :
 BNA_G
 ClientSampleId :

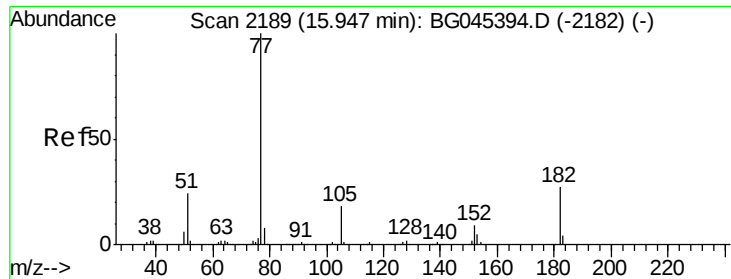
Tot Ion:204 Resp: 296267
 Ion Ratio Lower Upper
 204 100
 206 32.4 27.3 40.9
 141 57.9 45.9 68.9



#62
 4-Nitroaniline
 Concen: 41.186 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion:138 Resp: 117742
 Ion Ratio Lower Upper
 138 100
 92 55.4 38.0 78.0
 108 108.2 89.3 129.3

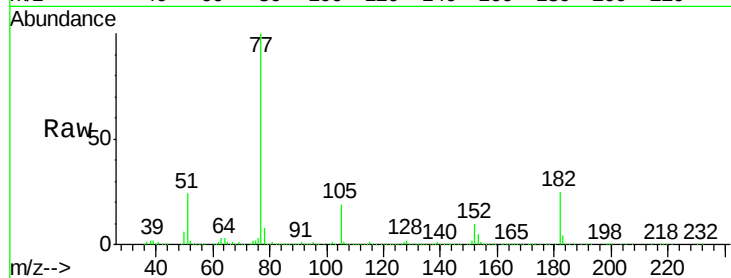




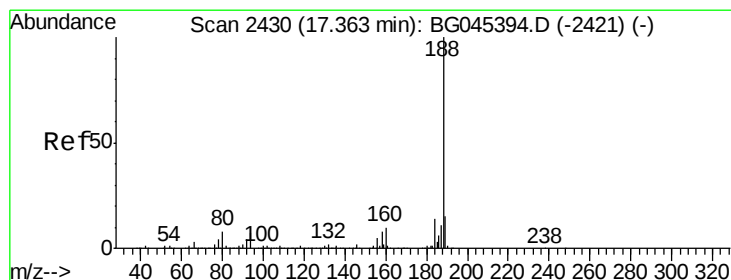
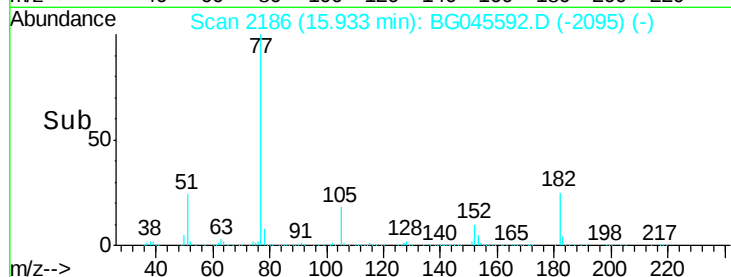
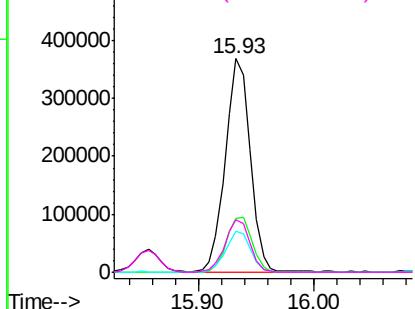
#63
Azobenzene
Concen: 47.351 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 548616
Ion Ratio Lower Upper
77 100
182 25.3 6.5 46.5
105 19.0 0.0 37.9
51 24.3 4.1 44.1

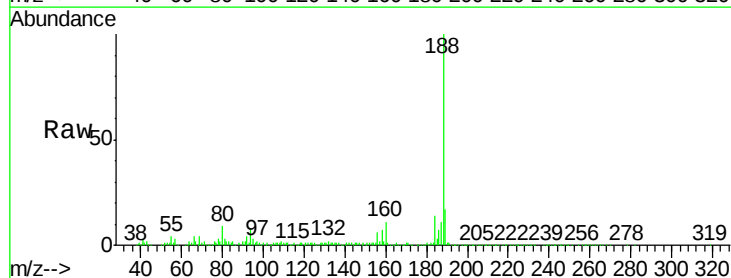


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

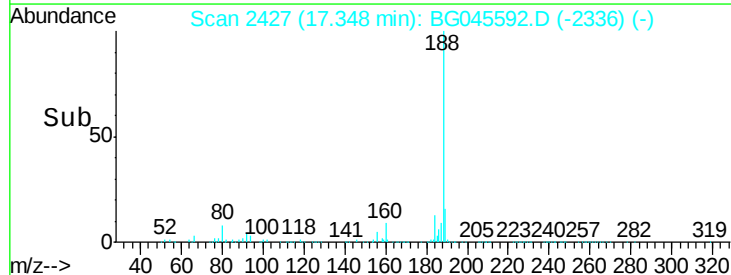
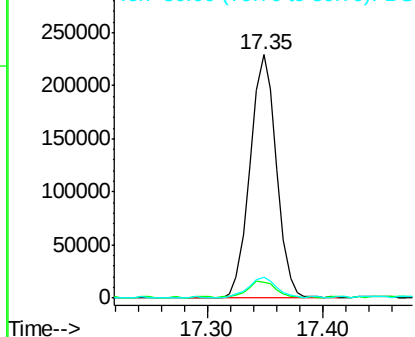


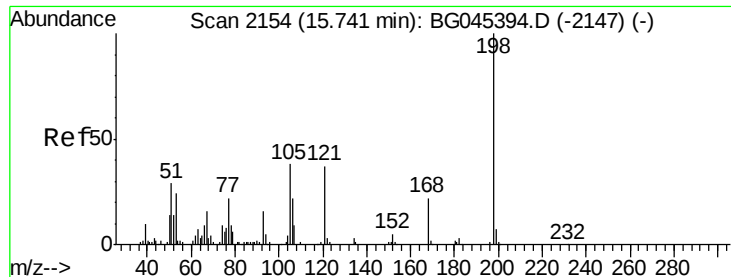
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion: 188 Resp: 366123
Ion Ratio Lower Upper
188 100
94 6.6 5.5 8.3
80 8.5 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: 50.941 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampled :

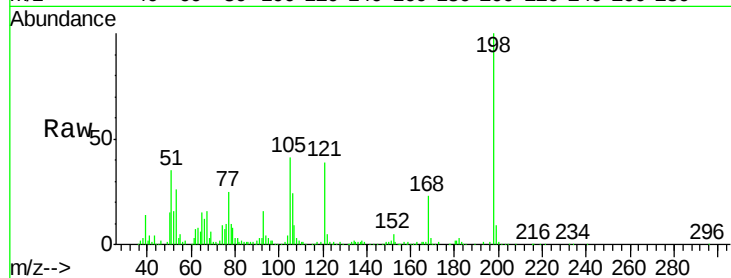
Tot Ion:198 Resp: 108621

Ion Ratio Lower Upper

198 100

51 34.6 10.0 50.0

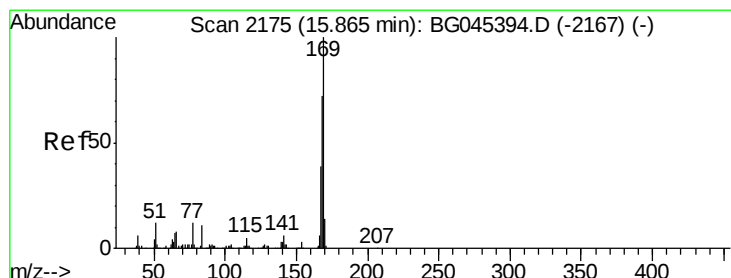
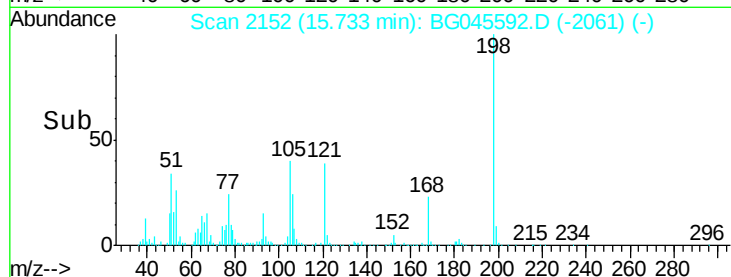
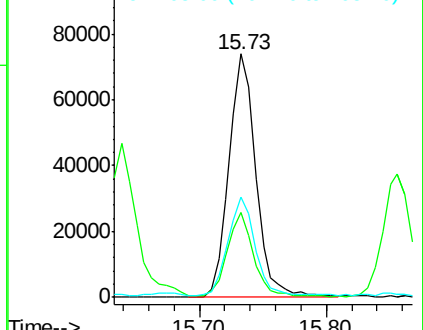
105 41.2 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 54.039 ng

RT: 15.86 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

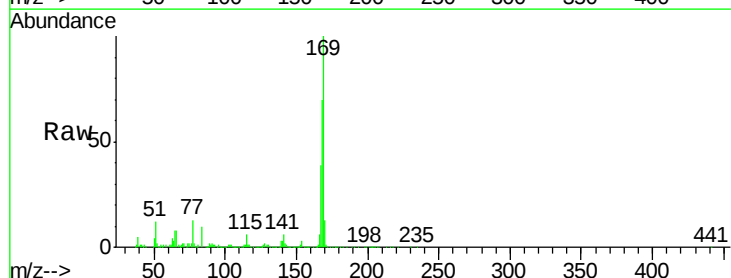
Tgt Ion:169 Resp: 475036

Ion Ratio Lower Upper

169 100

168 69.8 57.8 86.6

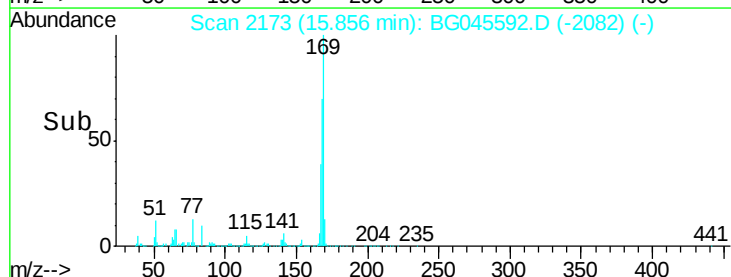
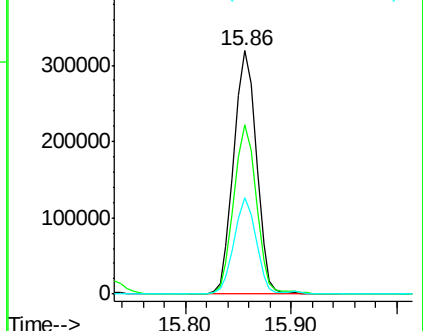
167 39.5 31.5 47.3

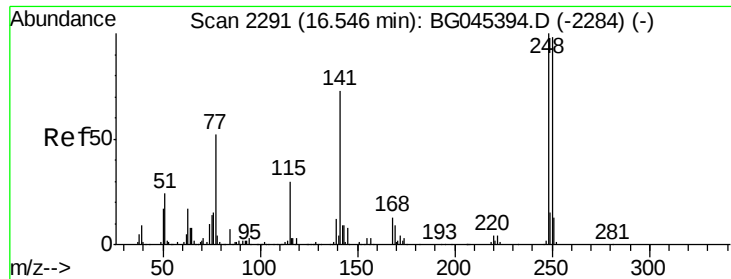


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

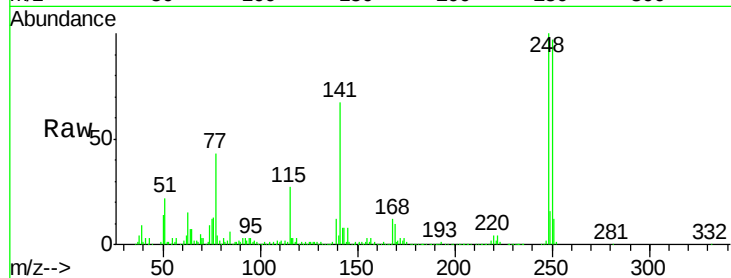




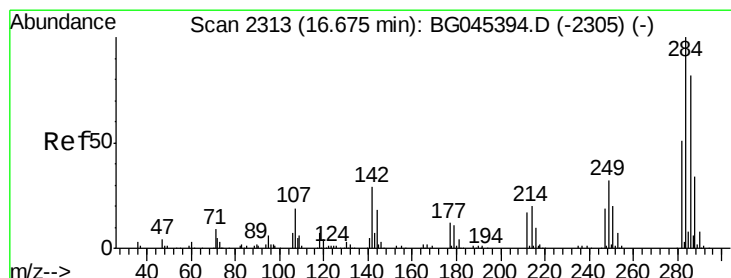
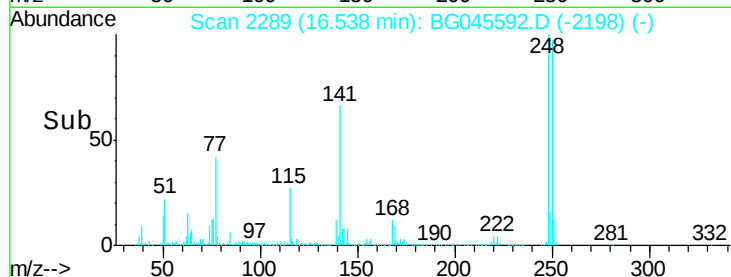
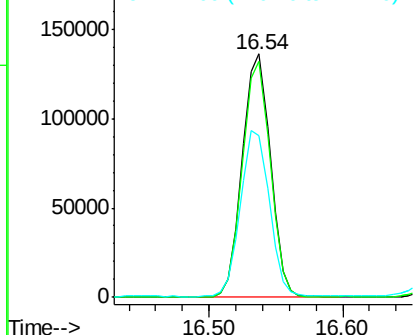
#67
4-Bromophenyl-phenylether
Concen: 50.230 ng
RT: 16.54 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 199136
Ion Ratio Lower Upper
248 100
250 96.9 78.6 117.8
141 66.6 58.2 87.2

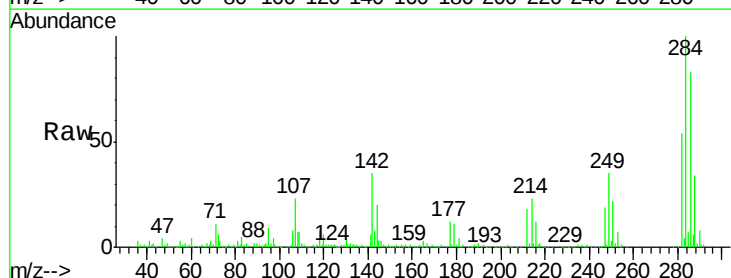


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

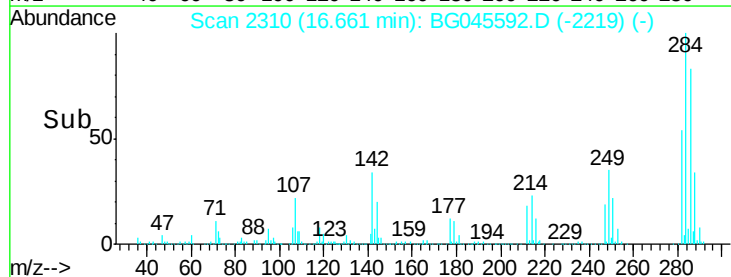
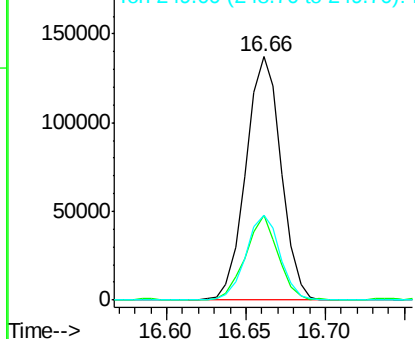


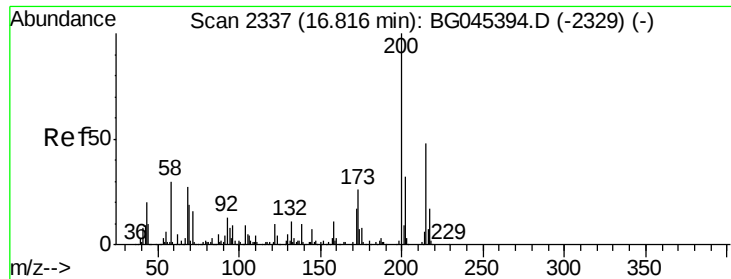
#68
Hexachlorobenzene
Concen: 50.925 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:284 Resp: 211165
Ion Ratio Lower Upper
284 100
142 34.6 23.0 34.6#
249 34.9 25.8 38.6



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

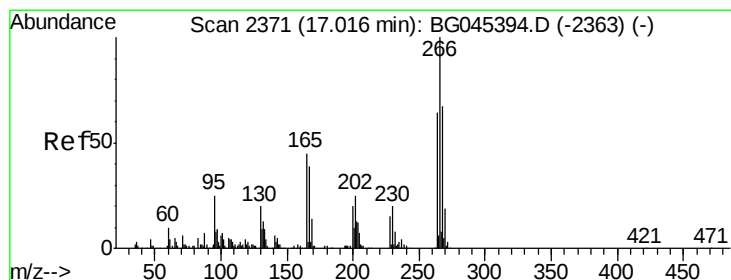
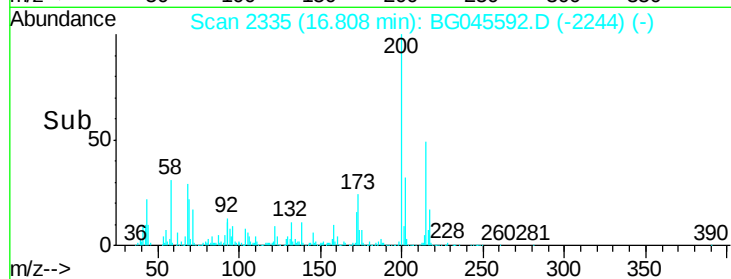
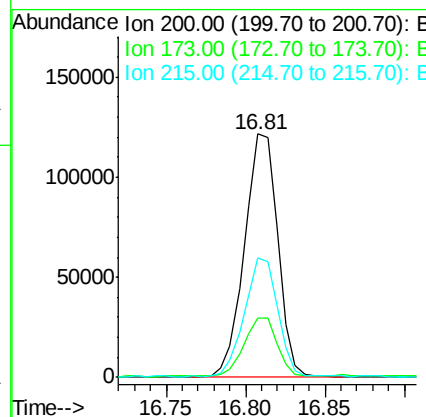
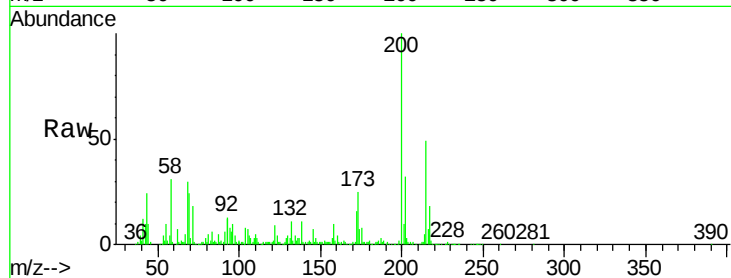




#69
Atrazine
Concen: 49.164 ng
RT: 16.81 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

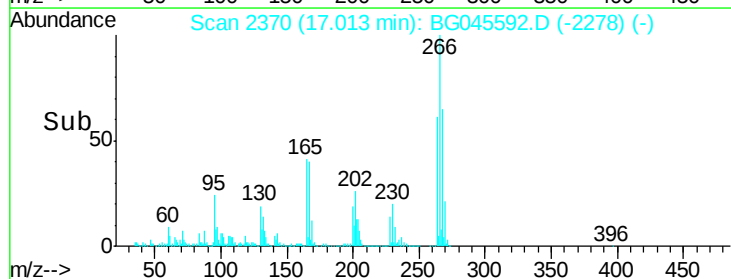
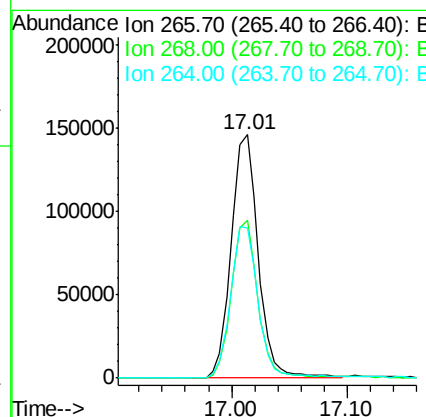
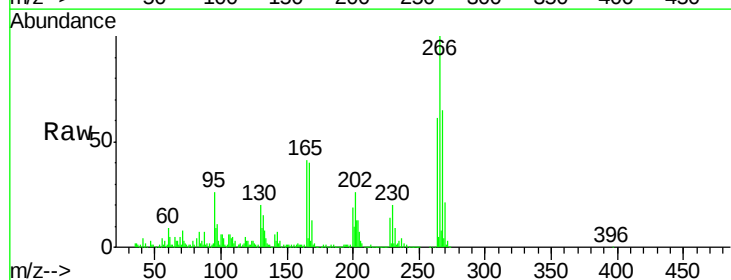
Instrument :
BNA_G
ClientSampleId :

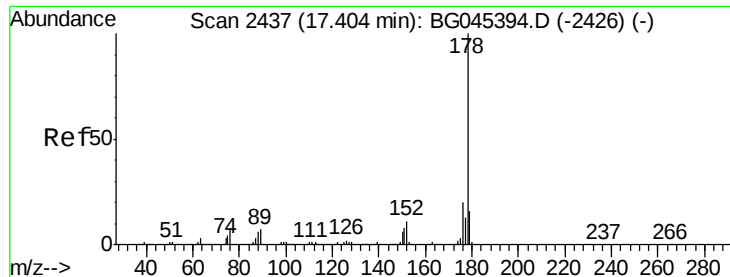
Tot Ion:200 Resp: 178012
Ion Ratio Lower Upper
200 100
173 24.6 5.5 45.5
215 49.1 28.2 68.2



#70
Pentachlorophenol
Concen: 110.486 ng
RT: 17.01 min Scan# 2370
Delta R.T. 0.01 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:266 Resp: 237883
Ion Ratio Lower Upper
266 100
268 64.6 53.2 79.8
264 61.5 51.0 76.4

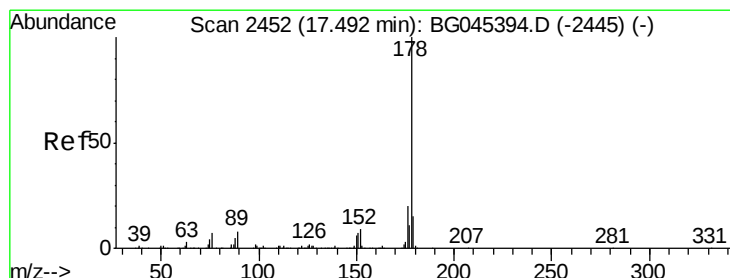
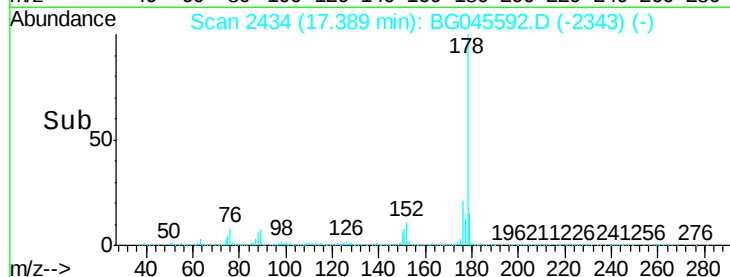
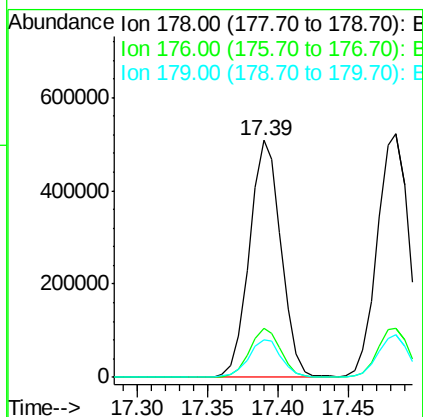
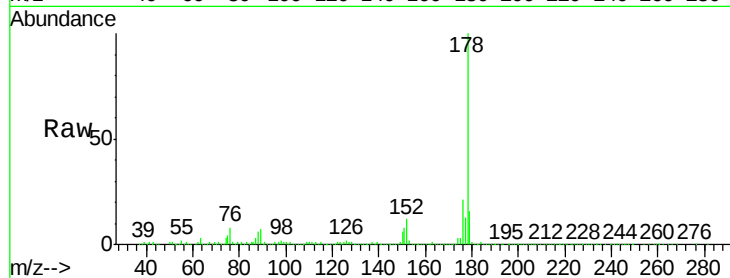




#71
Phenanthrene
Concen: 49.836 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

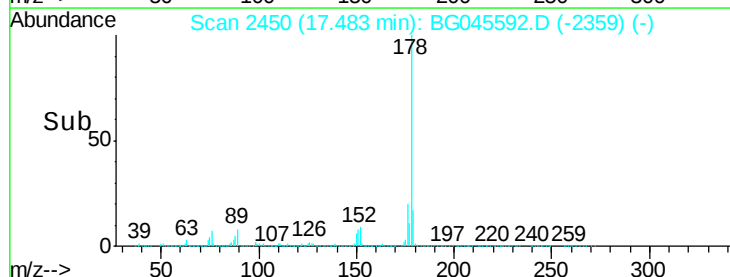
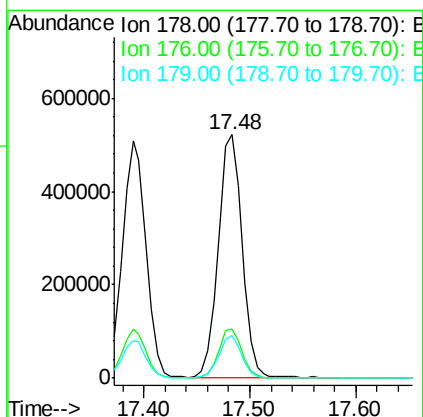
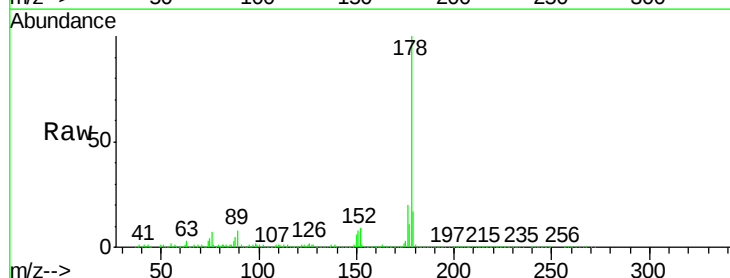
Instrument :
BNA_G
ClientSampleId :

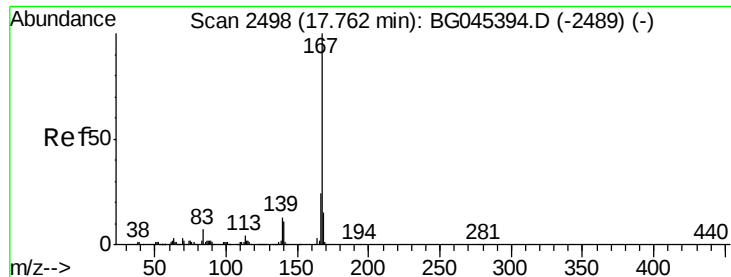
Tot Ion:178 Resp: 796546
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.1 13.1 19.7



#72
Anthracene
Concen: 51.233 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:178 Resp: 822343
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 17.3 12.2 18.4

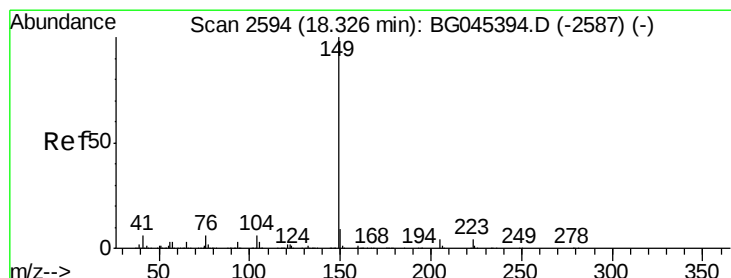
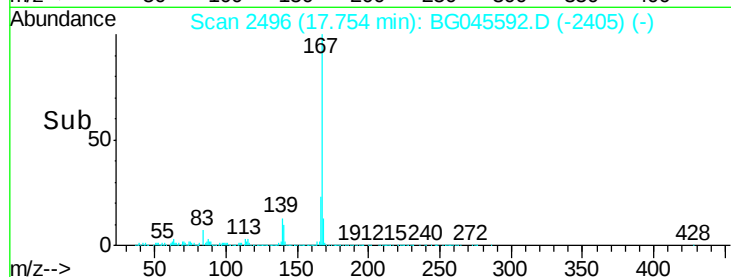
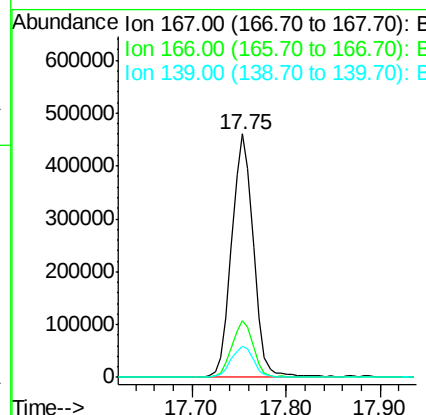
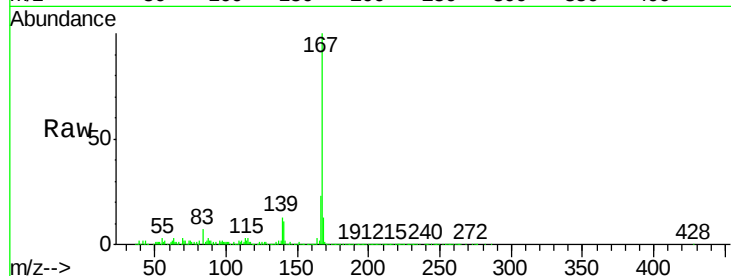




#73
 Carbazole
 Concen: 47.192 ng
 RT: 17.75 min Scan# 2496
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

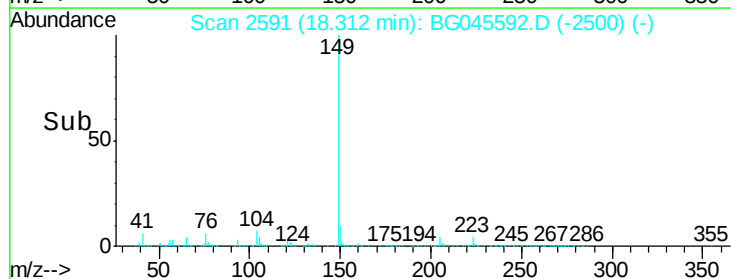
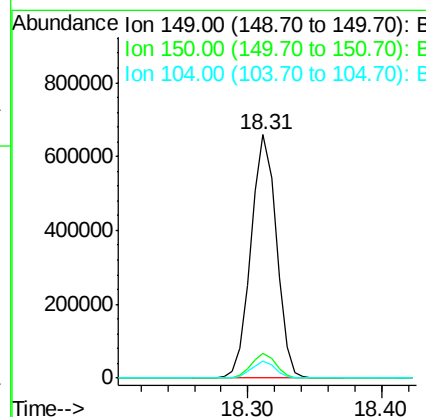
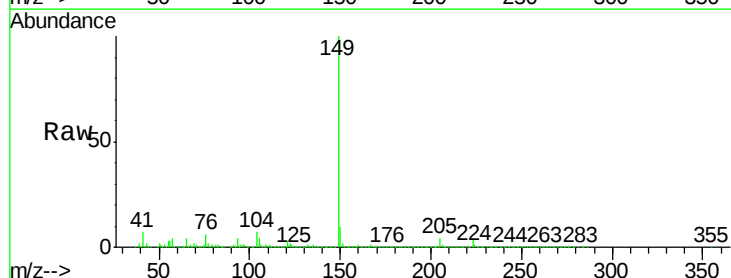
Instrument :
 BNA_G
 ClientSampleId :

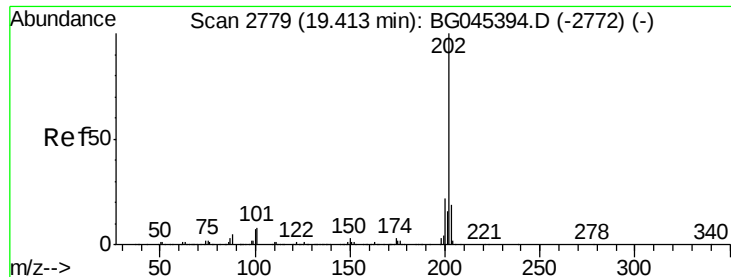
Tot Ion:167 Resp: 738351
 Ion Ratio Lower Upper
 167 100
 166 23.5 19.2 28.8
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 45.667 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG045592.D
 Acq: 3 Jun 2020 22:22

Tgt Ion:149 Resp: 857578
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.6 11.4
 104 6.8 5.0 7.4





#75

Fluoranthene

Concen: 45.473 ng

RT: 19.40 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

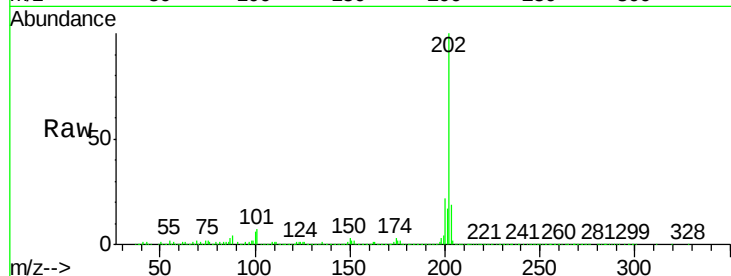
Tot Ion:202 Resp: 924459

Ion Ratio Lower Upper

202 100

101 7.3 0.0 28.3

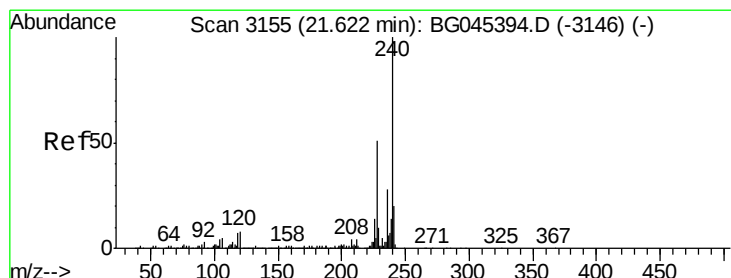
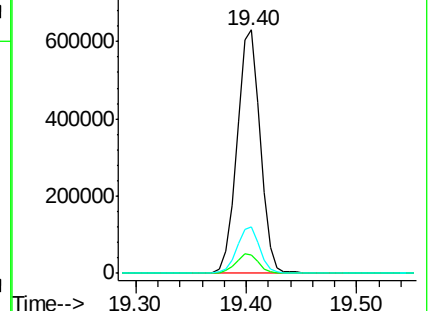
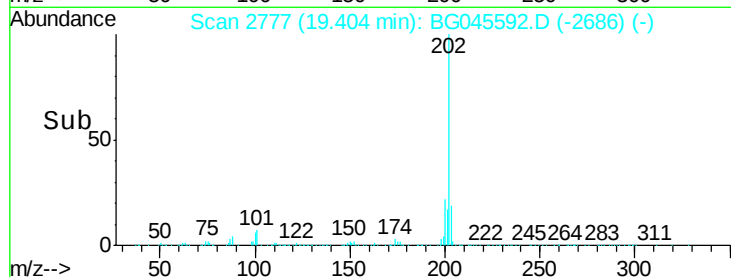
203 18.9 0.0 39.0



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: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

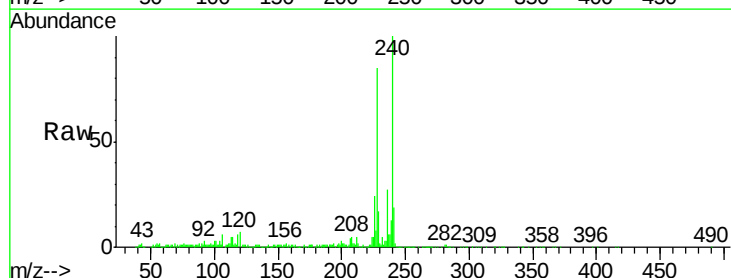
Tgt Ion:240 Resp: 348568

Ion Ratio Lower Upper

240 100

120 7.0 6.1 9.1

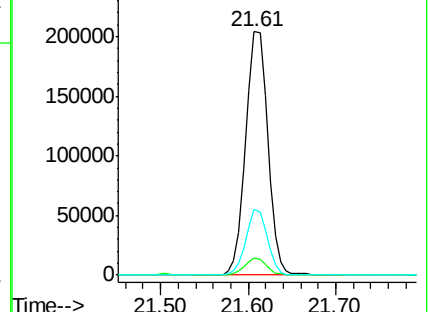
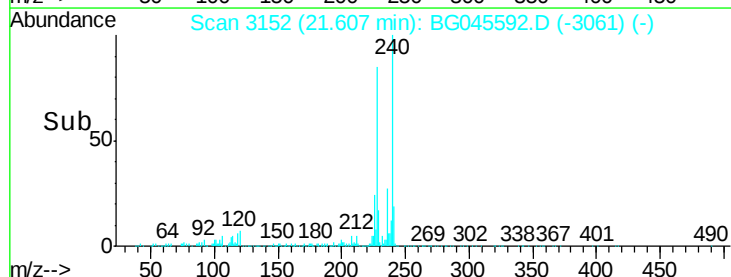
236 27.2 22.3 33.5

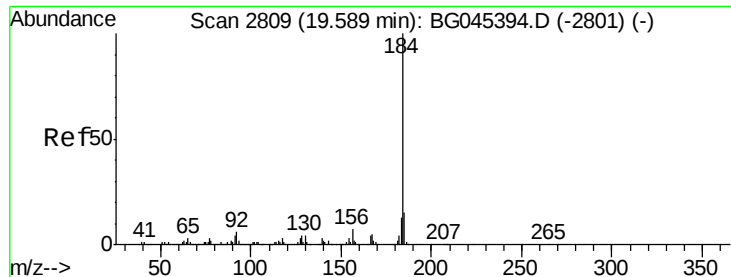


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.141 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

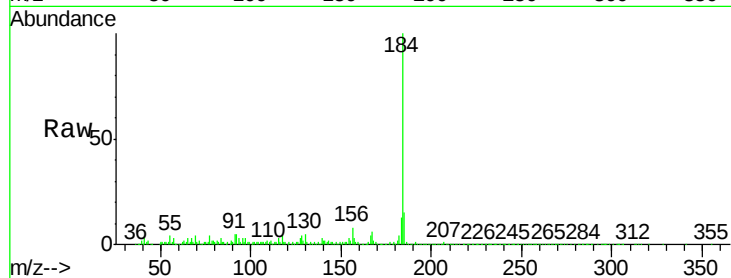
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 402762

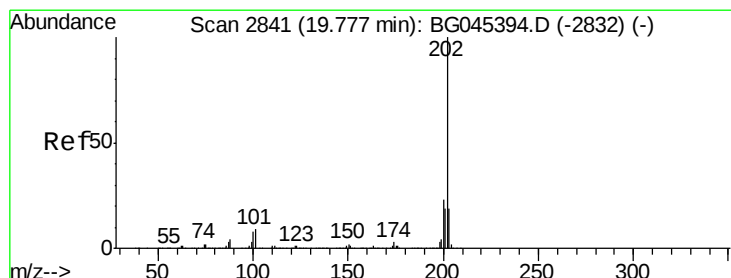
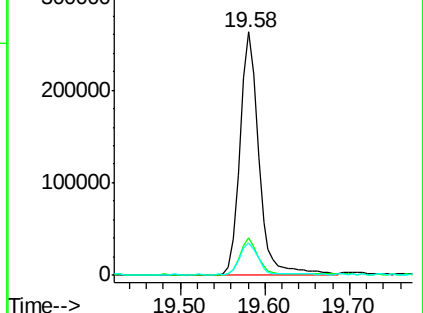
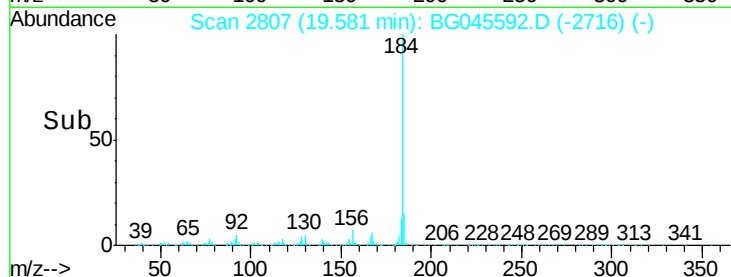
Ion	Ratio	Lower	Upper
184	100		
185	15.2	11.7	17.5
183	13.5	10.2	15.4



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: 47.377 ng

RT: 19.76 min Scan# 2838

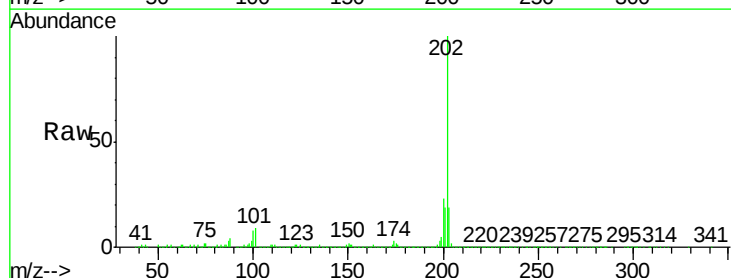
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:202 Resp: 941367

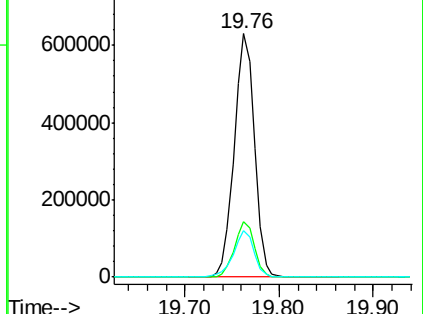
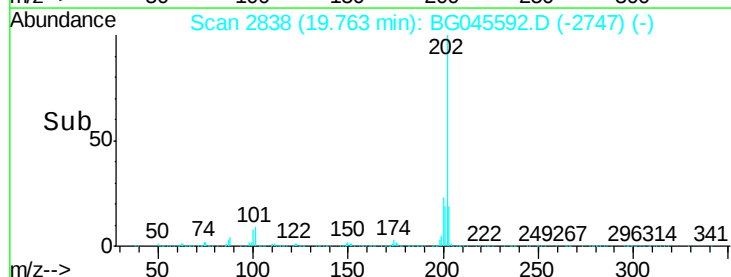
Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.2
203	19.0	15.1	22.7

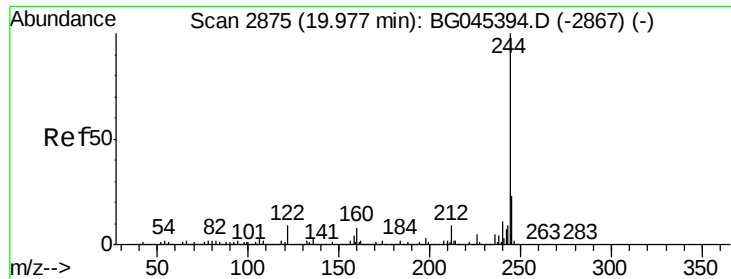


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.462 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

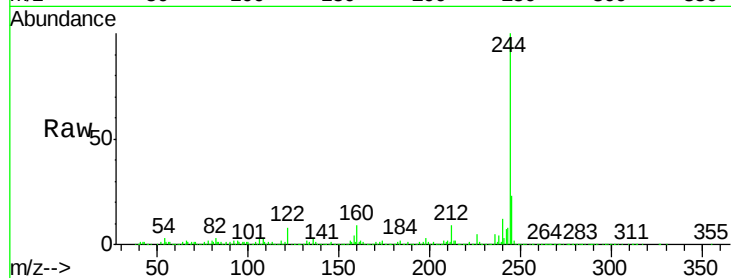
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1396817

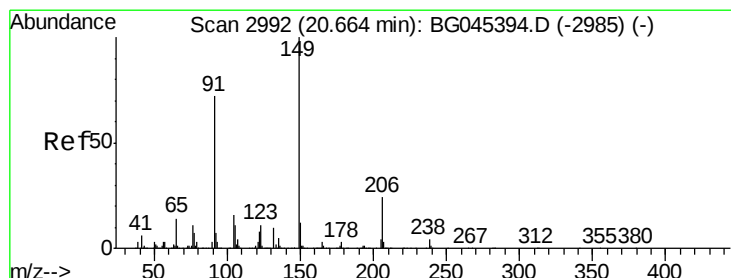
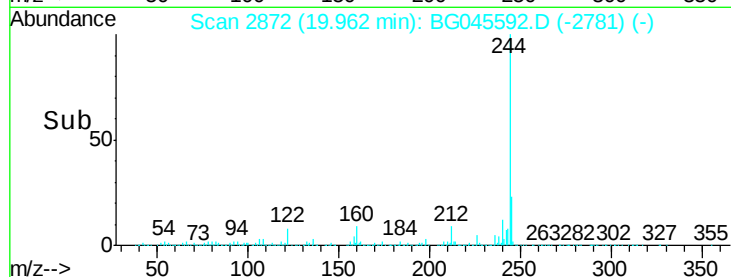
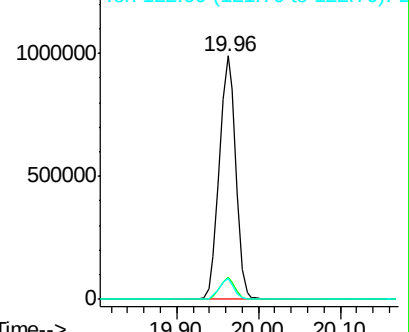
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.0
122	8.4	6.8	10.2



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: 44.290 ng

RT: 20.65 min Scan# 2989

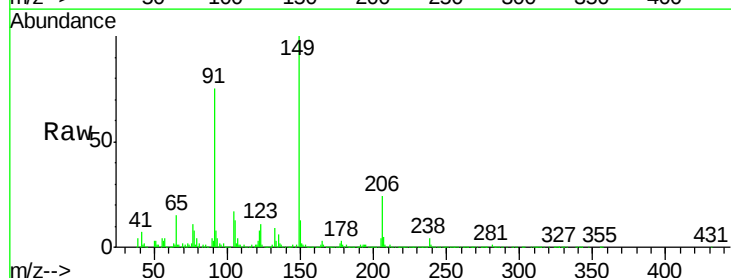
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:149 Resp: 379852

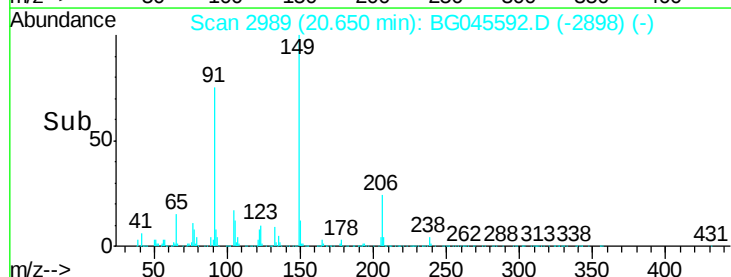
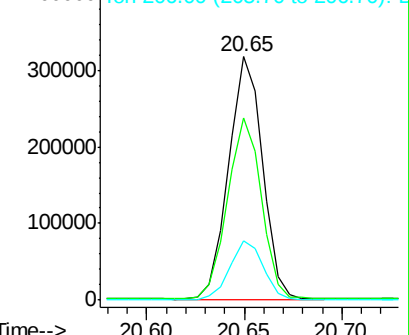
Ion	Ratio	Lower	Upper
149	100		
91	75.0	57.8	86.6
206	24.2	19.1	28.7

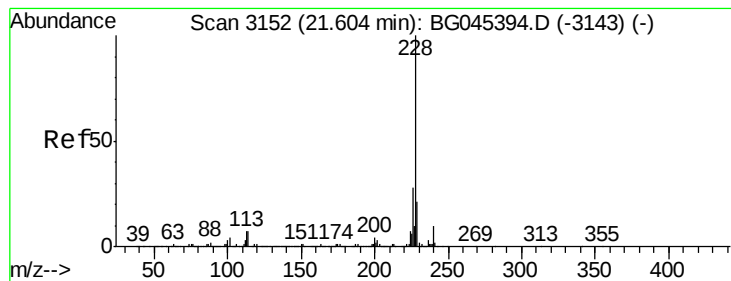


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.212 ng

RT: 21.59 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

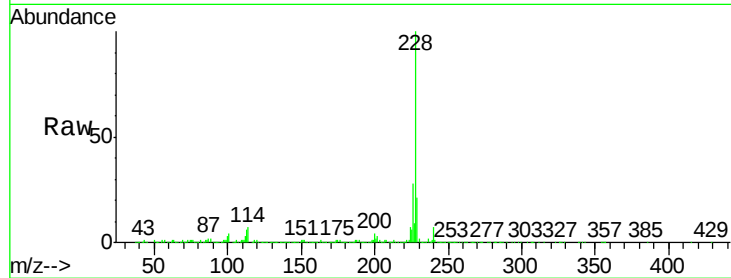
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 955570

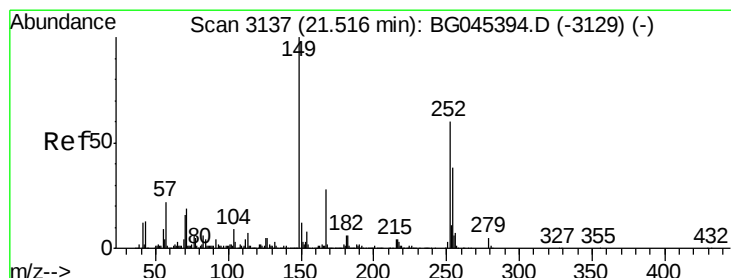
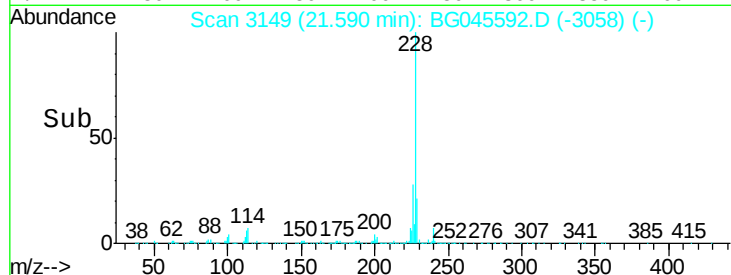
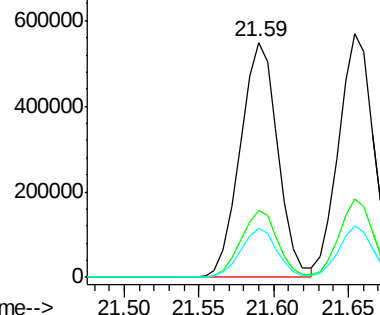
Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.7	34.1
229	21.0	16.7	25.1



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: 15.882 ng

RT: 21.51 min Scan# 3135

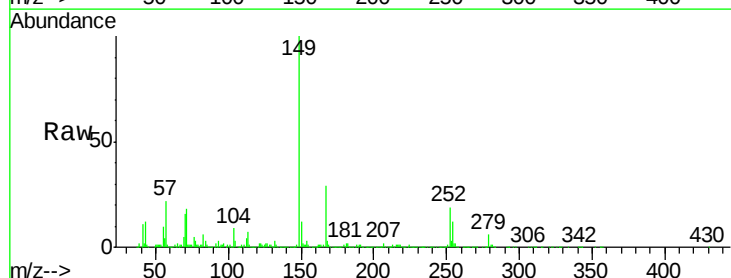
Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Tgt Ion:252 Resp: 120969

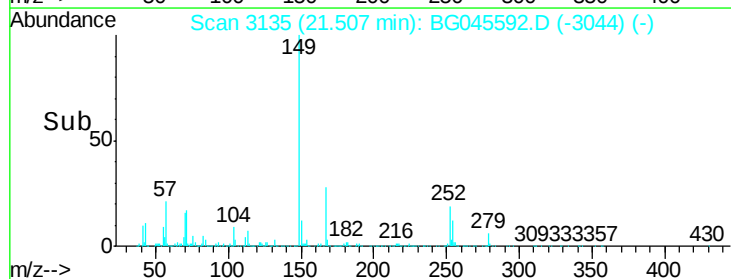
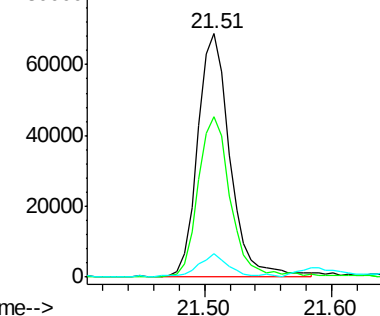
Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.3	76.9
126	9.5	6.6	10.0



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

Chrvsene

Concen: 49.006 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

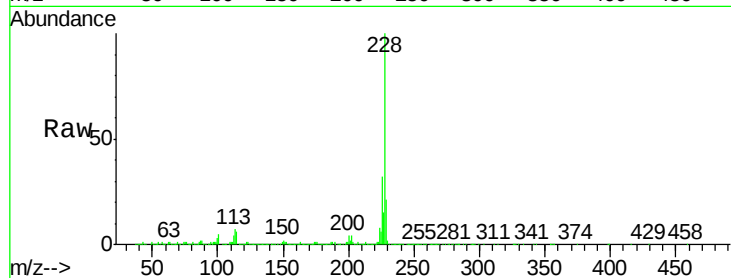
Tot Ion:228 Resp: 914976

Ion Ratio Lower Upper

228 100

226 32.5 25.2 37.8

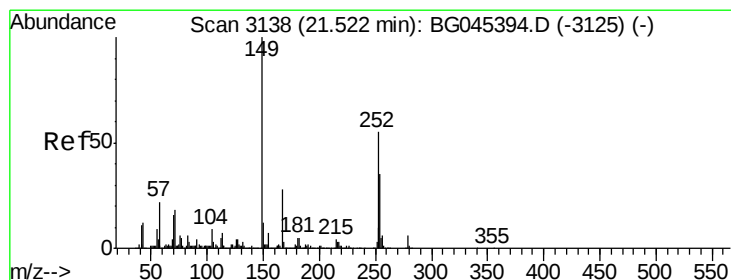
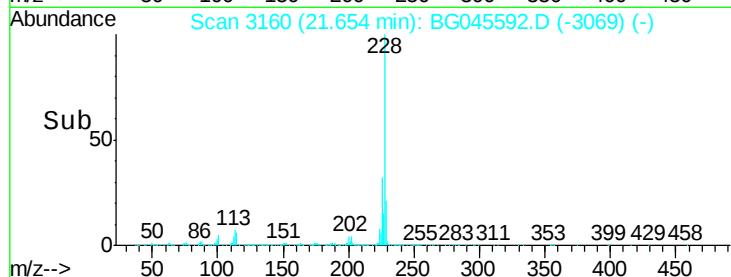
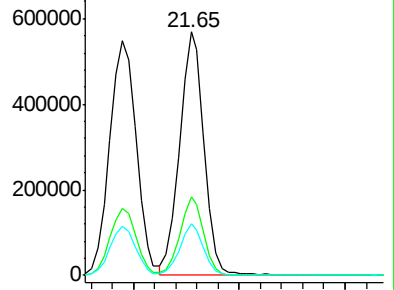
229 21.1 16.7 25.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.567 ng

RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

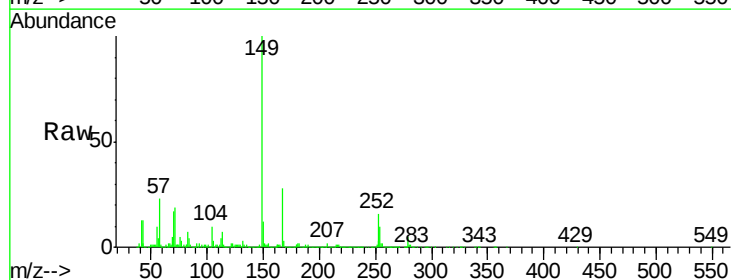
Tgt Ion:149 Resp: 548998

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

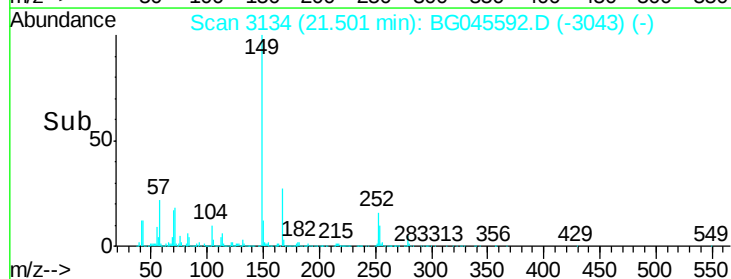
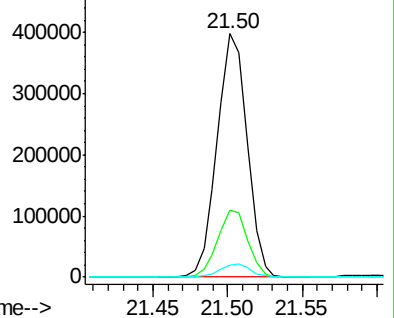
279 5.1 4.7 7.1

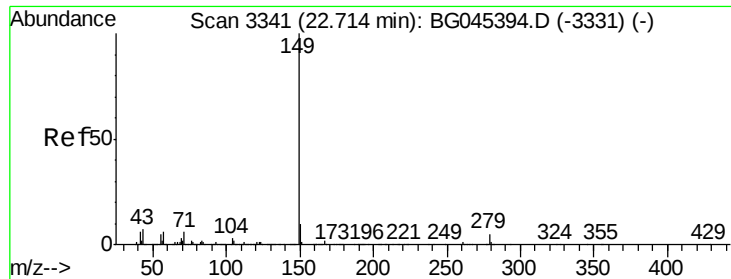


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 47.070 ng

RT: 22.69 min Scan# 3336

Delta R.T. 0.00 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

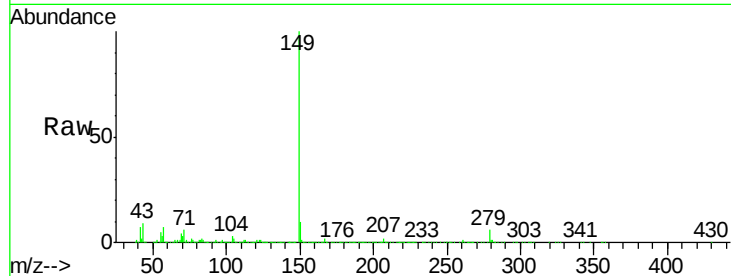
Tot Ion:149 Resp: 953097

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

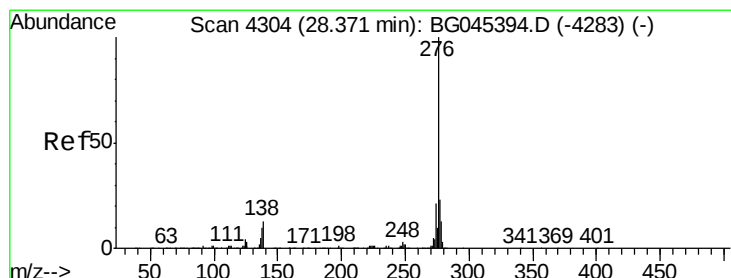
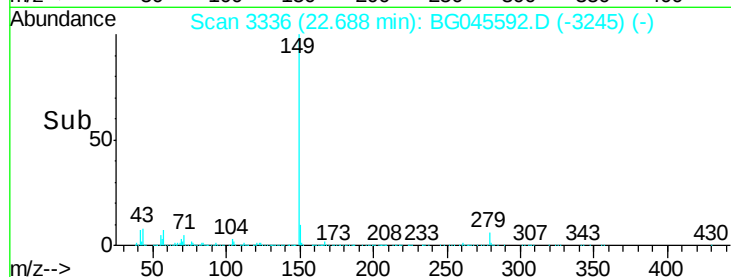
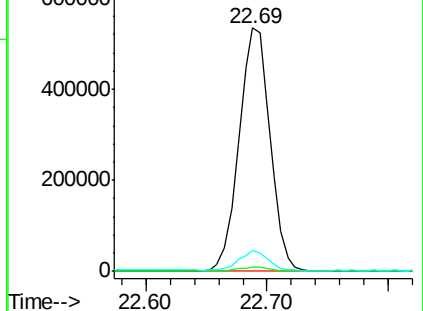
43 7.6 5.8 8.8



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): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.114 ng

RT: 28.33 min Scan# 4297

Delta R.T. 0.01 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

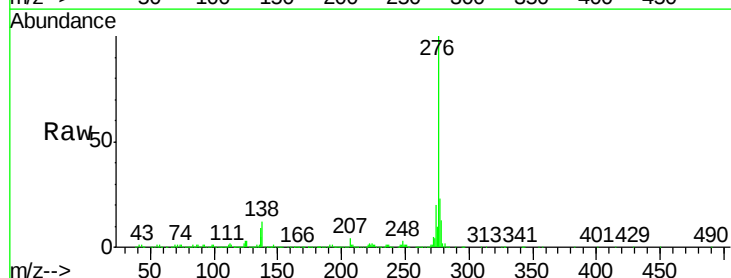
Tgt Ion:276 Resp: 1223559

Ion Ratio Lower Upper

276 100

138 11.5 8.6 12.8

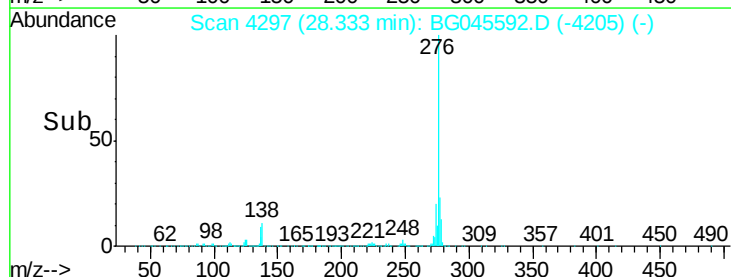
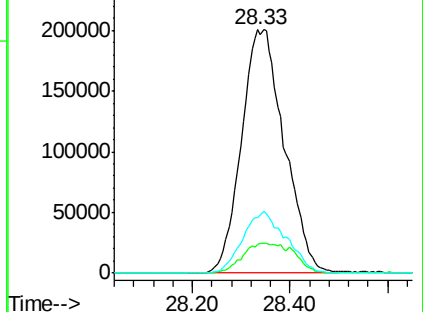
277 25.5 20.2 30.4

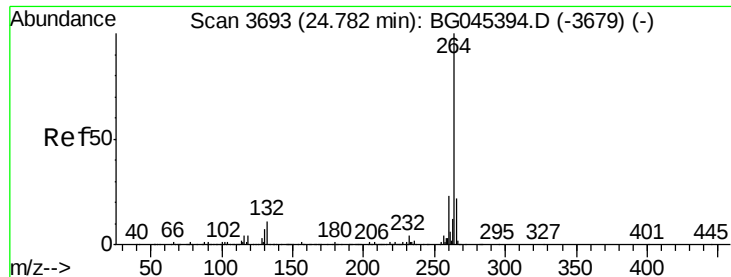


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

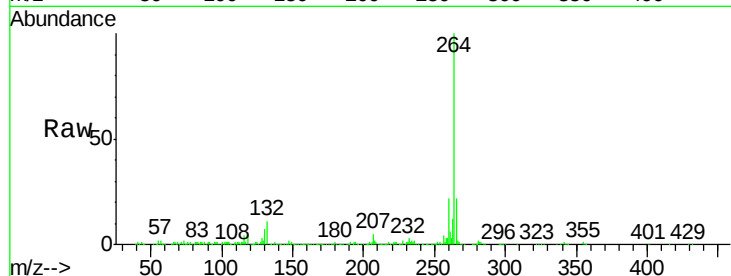




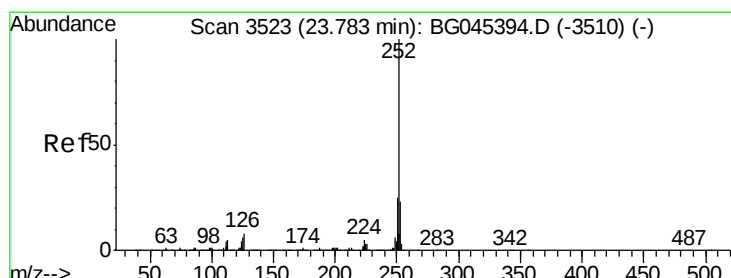
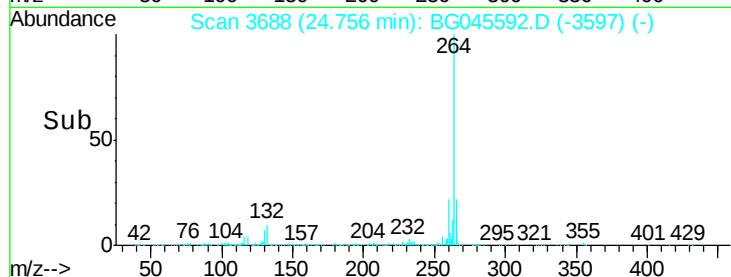
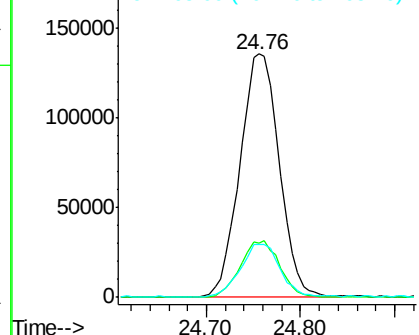
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.76 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 392017
Ion Ratio Lower Upper
264 100
260 22.1 18.2 27.4
265 22.0 17.6 26.4

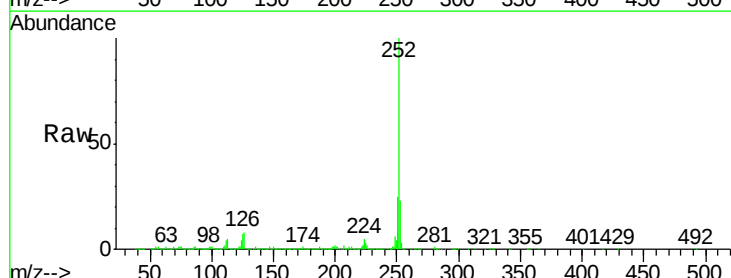


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

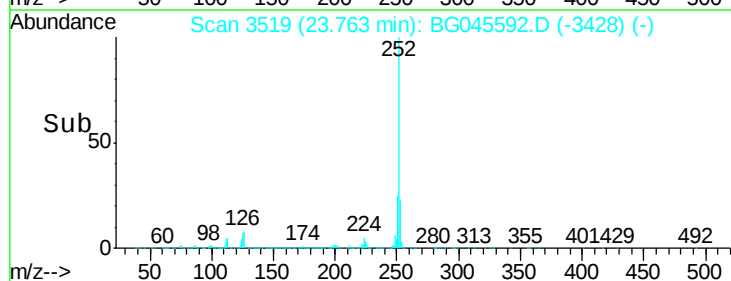
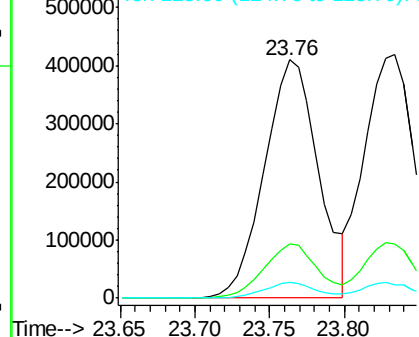


#88
Benzo(b)fluoranthene
Concen: 48.972 ng
RT: 23.76 min Scan# 3519
Delta R.T. 0.00 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion:252 Resp: 1029603
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 6.6 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: 52.126 ng

RT: 23.76 min Scan# 3519

Delta R.T. -0.06 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

Instrument :

BNA_G

ClientSampleId :

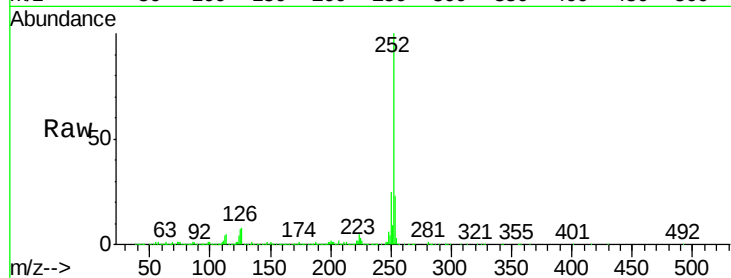
Tot Ion:252 Resp: 1029603

Ion Ratio Lower Upper

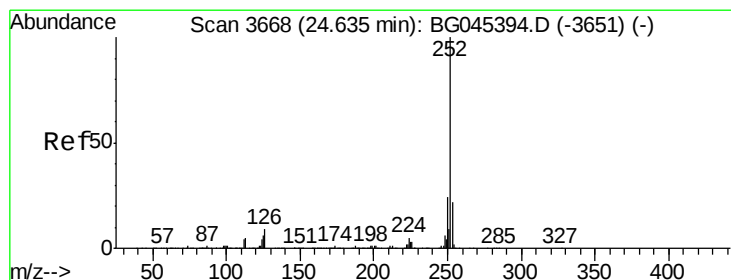
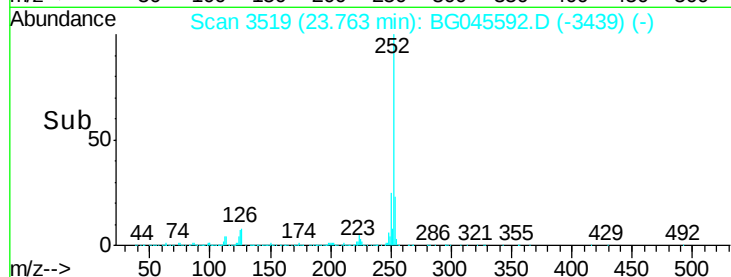
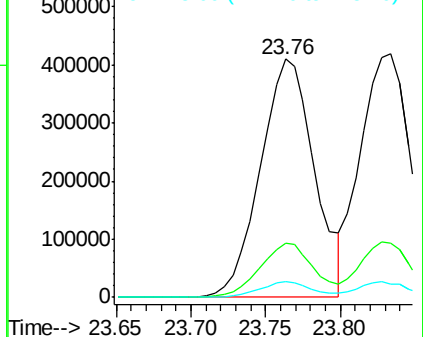
252 100

253 23.0 18.4 27.6

125 6.6 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.683 ng

RT: 24.61 min Scan# 3664

Delta R.T. 0.01 min

Lab File: BG045592.D

Acq: 3 Jun 2020 22:22

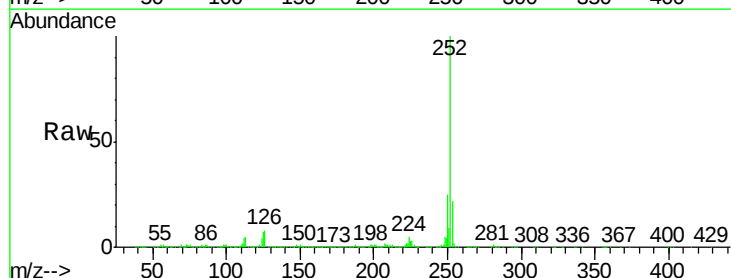
Tgt Ion:252 Resp: 933663

Ion Ratio Lower Upper

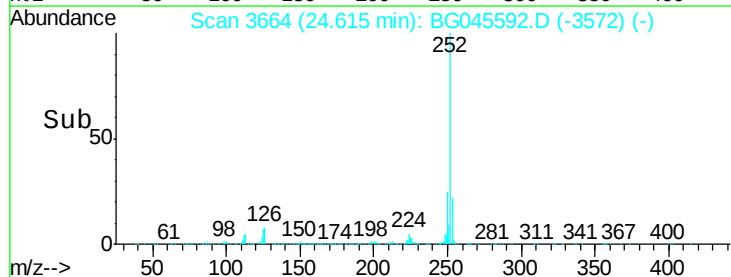
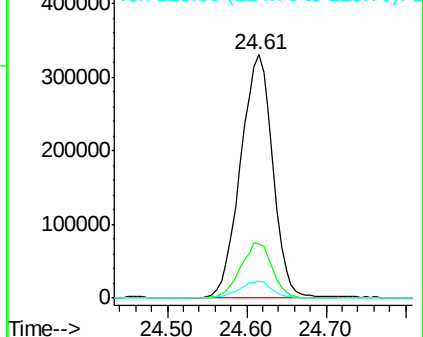
252 100

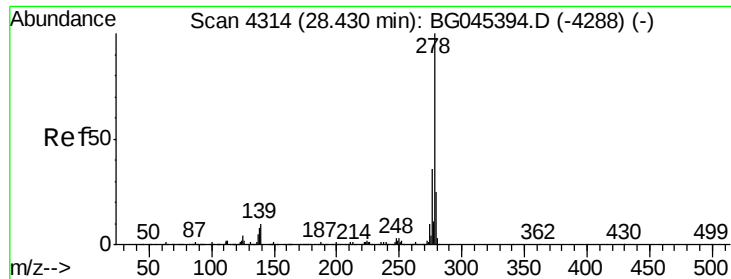
253 22.1 17.2 25.8

125 6.9 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

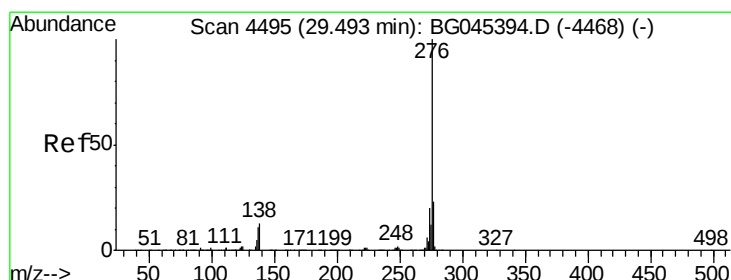
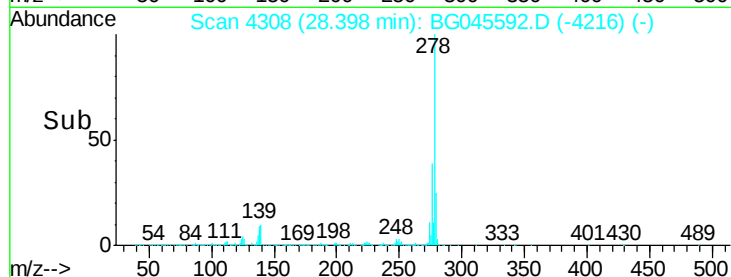
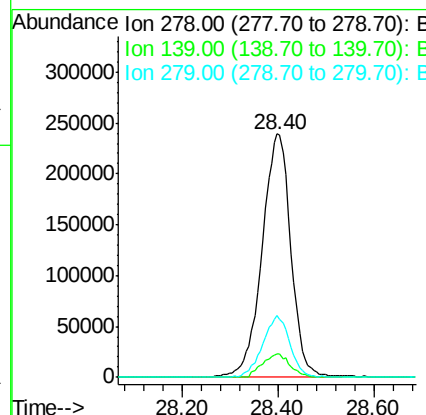
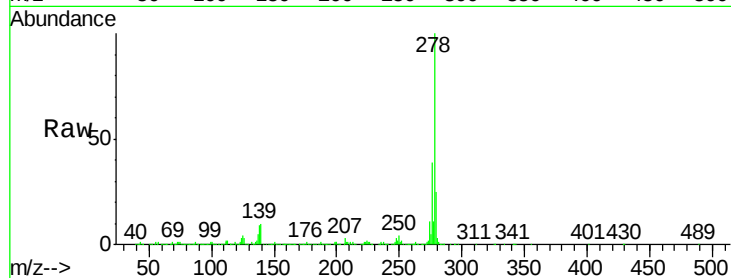




#91
Dibenzo(a,h)anthracene
Concen: 50.741 ng
RT: 28.40 min Scan# 4308
Delta R.T. 0.01 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.5	7.8	11.8
279	25.2	19.8	29.8



#92
Benzo(g,h,i)perylene
Concen: 51.876 ng
RT: 29.46 min Scan# 4488
Delta R.T. 0.02 min
Lab File: BG045592.D
Acq: 3 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.1	27.1
138	11.4	10.2	15.4

