

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045665.D
 Acq On : 9 Jun 2020 15:46
 Operator : CG/JU
 Sample : L2924-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Quant Time: Jun 09 16:22:58 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	7.95	152	67736	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	260251	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	185541	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	434279	20.00	ng	0.00
76) Chrysene-d12	21.60	240	404864	20.00	ng	0.00
87) Perylene-d12	24.74	264	441479	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	409693	118.20	ng	0.00
7) Phenol-d6	7.14	99	576531	116.87	ng	0.00
23) Nitrobenzene-d5	9.11	82	380387	79.70	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	270921	114.17	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	854012	78.07	ng	0.00
79) Terphenyl-d14	19.95	244	1416520	81.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	63001	36.655	ng	94
3) Pyridine	3.81	79	145831	30.465	ng	94
4) n-Nitrosodimethylamine	3.72	42	64018	40.870	ng	88
6) Aniline	7.27	93	93145	14.464	ng	97
8) 2-Chlorophenol	7.52	128	160624	42.259	ng	97
9) Benzaldehyde	7.08	77	100571	31.291	ng	94
10) Phenol	7.17	94	216440	42.570	ng	96
11) bis(2-Chloroethyl)ether	7.36	93	149735	37.757	ng	96
12) 1,3-Dichlorobenzene	7.83	146	179631	39.327	ng	99
13) 1,4-Dichlorobenzene	7.98	146	177322	39.338	ng	99
14) 1,2-Dichlorobenzene	8.30	146	165572	38.190	ng	98
15) Benzyl Alcohol	8.19	79	168608	41.374	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	139198	36.977	ng	97
17) 2-Methylphenol	8.41	107	144427	37.952	ng	96
18) Hexachloroethane	9.03	117	69284	40.132	ng	94
19) n-Nitroso-di-n-propylamine	8.76	70	135297	39.661	ng	97
20) 3+4-Methylphenols	8.75	107	198869	38.376	ng	93
22) Acetophenone	8.77	105	243166	39.422	ng	96
24) Nitrobenzene	9.15	77	206186	40.324	ng	98
25) Isophorone	9.67	82	367473	39.098	ng	99
26) 2-Nitrophenol	9.87	139	92135	42.122	ng	96
27) 2,4-Dimethylphenol	9.94	122	151414	46.672	ng	95
28) bis(2-Chloroethoxy)methane	10.16	93	204354	41.459	ng	97
29) 2,4-Dichlorophenol	10.42	162	167166	43.635	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	186564	41.213	ng	97
31) Naphthalene	10.81	128	491359	40.516	ng	100
32) Benzoic acid	10.11	122	75484	37.090	ng	96
33) 4-Chloroaniline	10.92	127	42625	8.408	ng	# 96
34) Hexachlorobutadiene	11.10	225	129176	40.369	ng	99
35) Caprolactam	11.69	113	37518	26.681	ng	89
36) 4-Chloro-3-methylphenol	12.06	107	186921	43.300	ng	99
37) 2-Methylnaphthalene	12.42	142	367379	40.643	ng	95
38) 1-Methylnaphthalene	12.63	142	349211	40.898	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	216237	41.725	ng	99

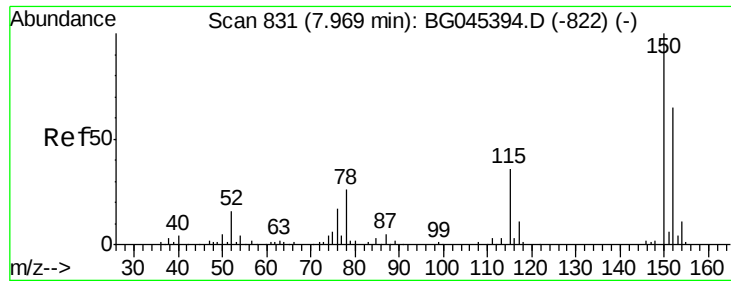
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045665.D
 Acq On : 9 Jun 2020 15:46
 Operator : CG/JU
 Sample : L2924-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPM5D

Quant Time: Jun 09 16:22:58 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)
41) Hexachlorocyclopentadiene	12.77	237	249779	83.504	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	143856	39.959	ng	96
44) 2,4,5-Trichlorophenol	13.12	196	148521	36.102	ng	99
46) 1,1'-Biphenyl	13.42	154	475938	41.747	ng	99
47) 2-Chloronaphthalene	13.47	162	360470	38.937	ng	98
48) 2-Nitroaniline	13.67	65	119200	39.142	ng	95
49) Acenaphthylene	14.31	152	602071	40.488	ng	98
50) Dimethylphthalate	14.05	163	591383	46.463	ng	98
51) 2,6-Dinitrotoluene	14.17	165	113403	39.485	ng	95
52) Acenaphthene	14.66	154	359407	36.107	ng	97
53) 3-Nitroaniline	14.50	138	35518	12.165	ng	98
54) 2,4-Dinitrophenol	14.71	184	117709	63.754	ng	99
55) Dibenzofuran	14.99	168	583937	39.504	ng	97
56) 4-Nitrophenol	14.84	139	154362	69.834	ng	87
57) 2,4-Dinitrotoluene	14.96	165	158856	38.191	ng	98
58) Fluorene	15.64	166	485164	39.951	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	145983	40.334	ng	96
60) Diethylphthalate	15.41	149	505987	38.194	ng	99
61) 4-Chlorophenyl-phenylether	15.63	204	272122	39.159	ng	98
62) 4-Nitroaniline	15.67	138	103866	34.077	ng	94
63) Azobenzene	15.92	77	495849	40.141	ng	99
65) 4,6-Dinitro-2-methylphenol	15.73	198	98124	38.796	ng	94
66) n-Nitrosodiphenylamine	15.85	169	428991	41.142	ng	95
67) 4-Bromophenyl-phenylether	16.53	248	187881	39.953	ng	97
68) Hexachlorobenzene	16.65	284	202774	41.227	ng	95
69) Atrazine	16.81	200	166700	38.815	ng	96
70) Pentachlorophenol	17.00	266	193885	75.918	ng	97
71) Phenanthrene	17.39	178	770509	40.641	ng	99
72) Anthracene	17.47	178	789770	41.482	ng	99
73) Carbazole	17.74	167	718266	38.703	ng	99
74) Di-n-butylphthalate	18.30	149	862613	38.726	ng	99
75) Fluoranthene	19.40	202	958604	39.752	ng	99
77) Benzidine	19.58	184	224300	19.726	ng	97
78) Pyrene	19.75	202	949976	41.162	ng	99
80) Butylbenzylphthalate	20.65	149	381613	38.308	ng	99
81) Benzo(a)anthracene	21.58	228	916331	40.629	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	149372	16.884	ng	99
83) Chrysene	21.65	228	865095	39.891	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	535478	39.104	ng	99
85) Di-n-octyl phthalate	22.68	149	901894	38.348	ng	100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1133247	39.961	ng	# 97
88) Benzo(b)fluoranthene	23.75	252	973075	41.098	ng	99
89) Benzo(k)fluoranthene	23.82	252	931145	41.860	ng	97
90) Benzo(a)pyrene	24.59	252	887654	40.254	ng	99
91) Dibenzo(a,h)anthracene	28.37	278	922274	41.620	ng	98
92) Benzo(g,h,i)perylene	29.43	276	943605	42.578	ng	97

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

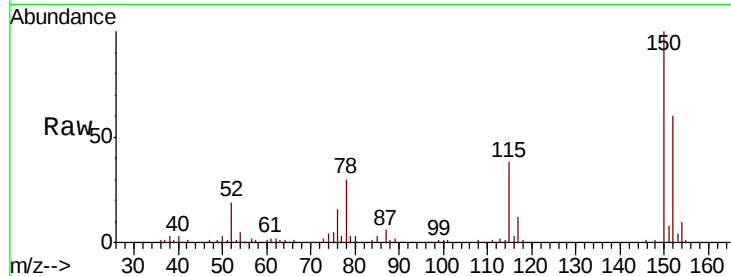


#1

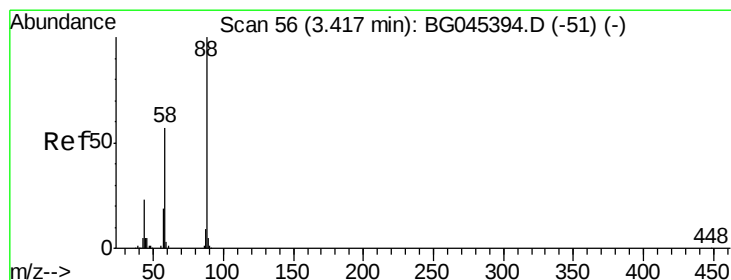
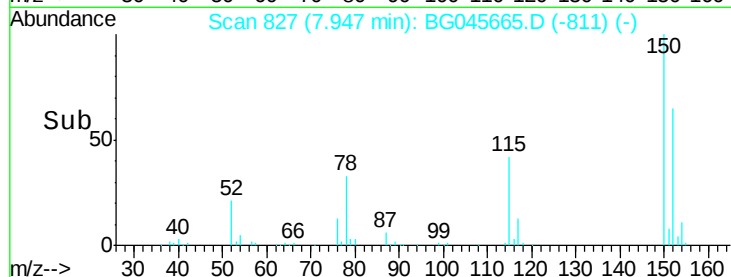
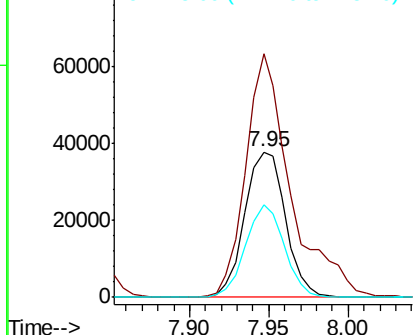
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:152 Resp: 67736
Ion Ratio Lower Upper
152 100
150 167.5 122.4 183.6
115 63.5 44.2 66.4



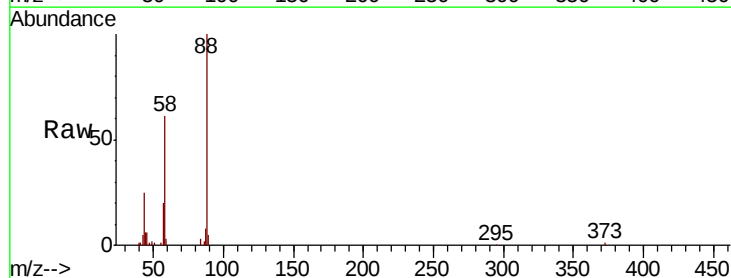
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



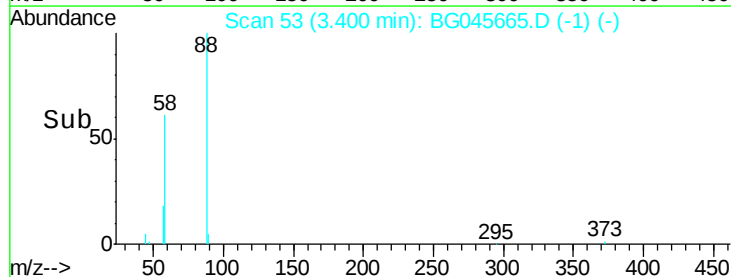
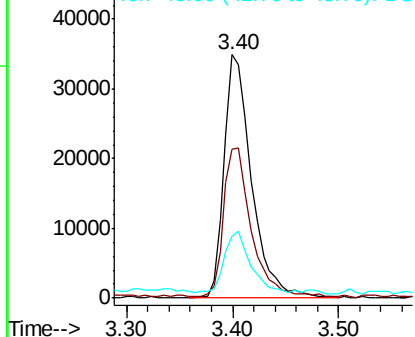
#2

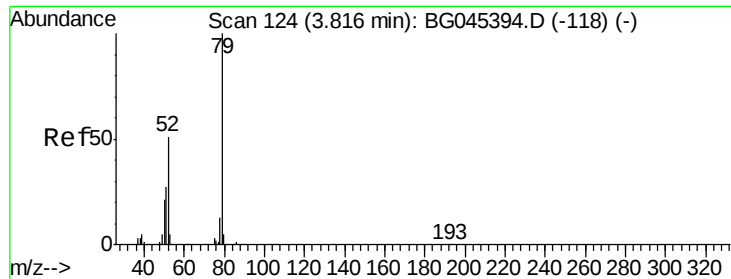
1,4-Dioxane
Concen: 36.655 ng
RT: 3.40 min Scan# 53
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion: 88 Resp: 63001
Ion Ratio Lower Upper
88 100
58 61.3 45.7 68.5
43 23.9 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: 30.465 ng

RT: 3.81 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

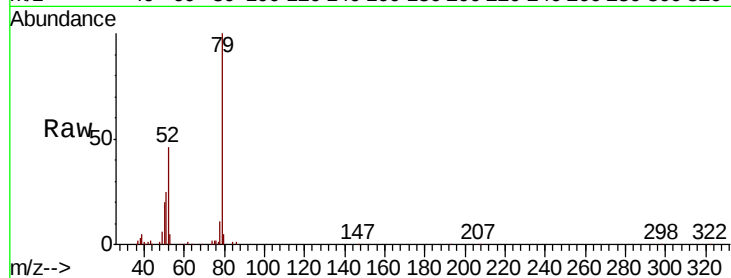
Tot Ion: 79 Resp: 145831

Ion Ratio Lower Upper

79 100

52 46.1 40.8 61.2

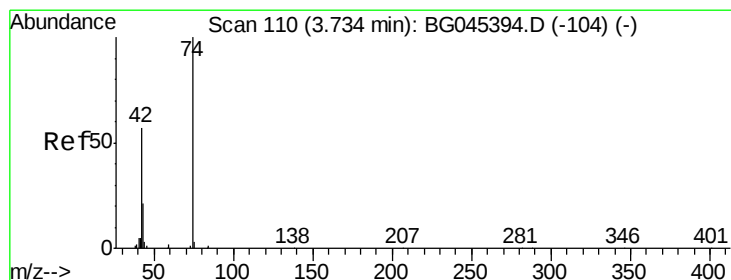
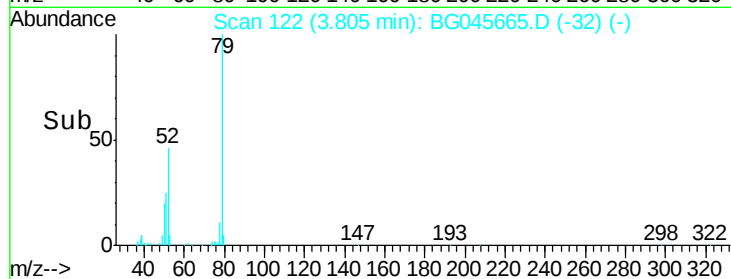
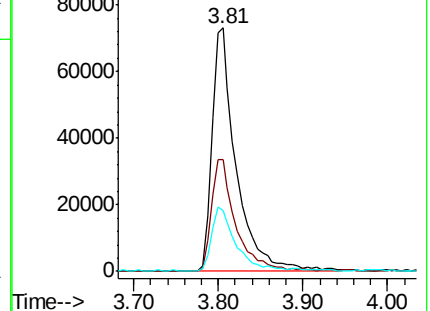
51 25.1 21.9 32.9



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: 40.870 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

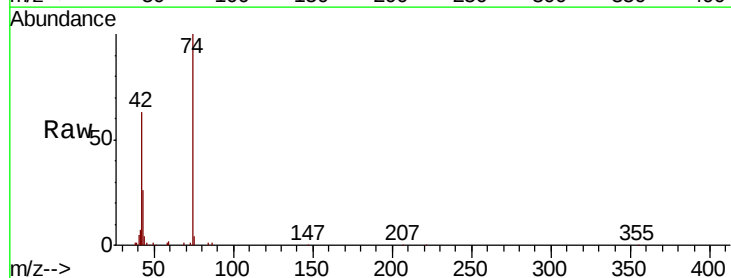
Tgt Ion: 42 Resp: 64018

Ion Ratio Lower Upper

42 100

74 159.6 141.3 211.9

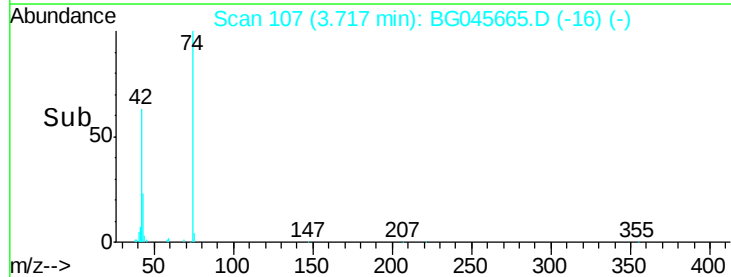
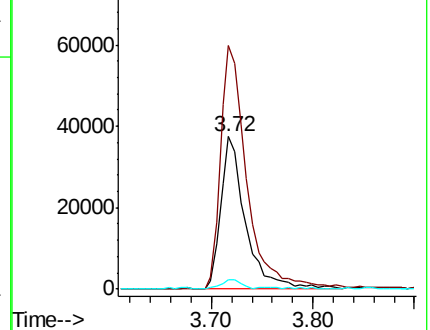
44 6.2 4.2 6.4

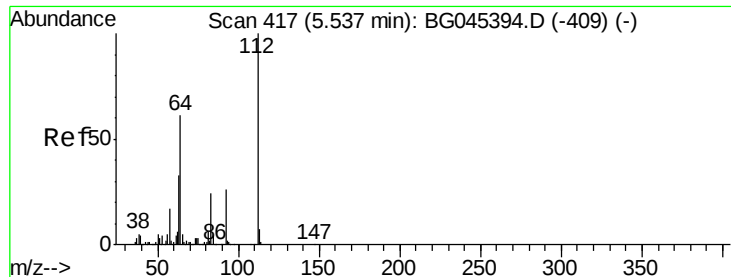


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 118.203 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

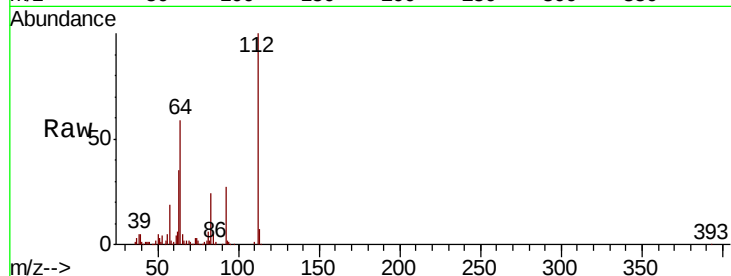
Tot Ion:112 Resp: 409693

Ion Ratio Lower Upper

112 100

64 59.1 48.6 72.8

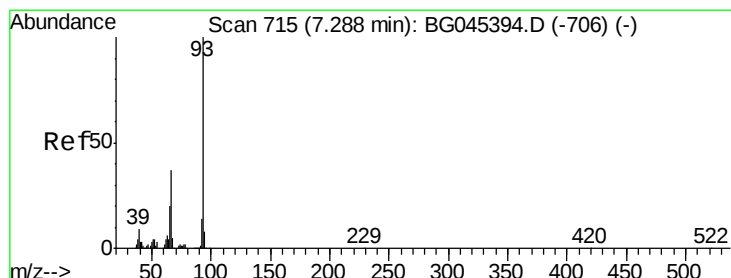
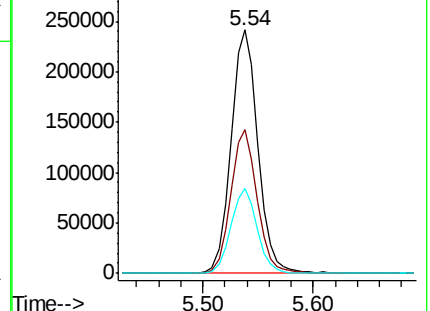
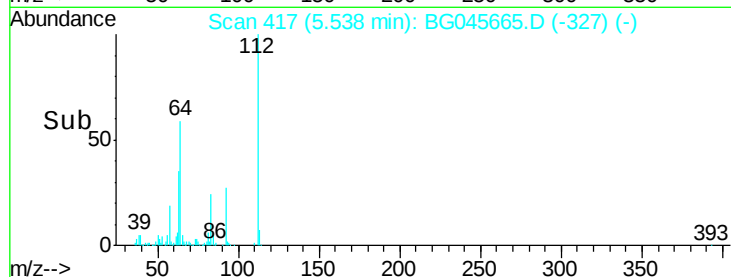
63 34.8 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.464 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

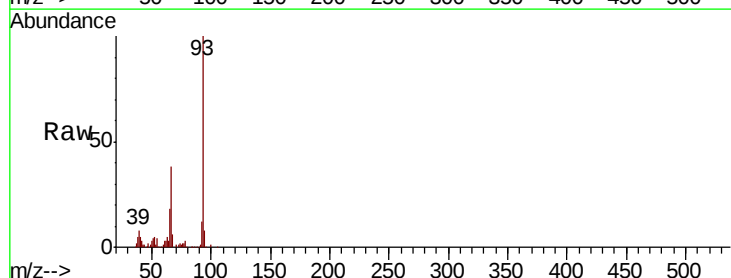
Tgt Ion: 93 Resp: 93145

Ion Ratio Lower Upper

93 100

66 38.5 29.6 44.4

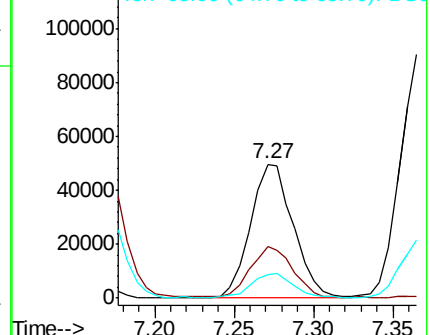
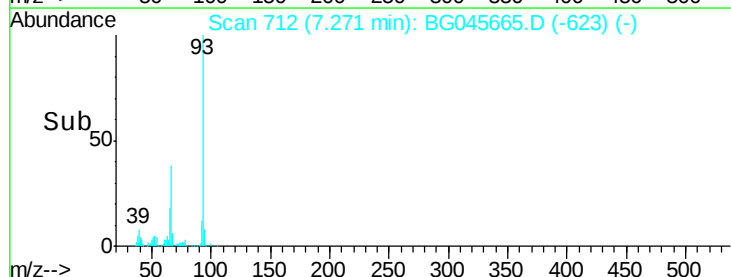
65 17.9 15.9 23.9



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.868 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

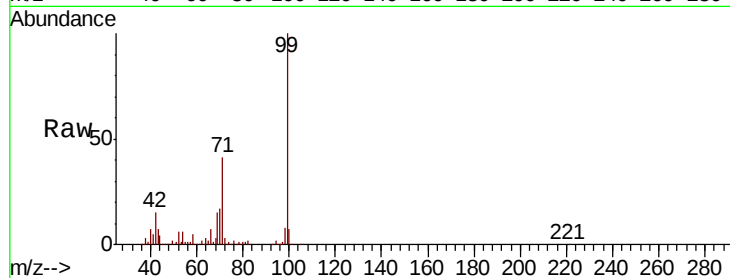
BNA_G

ClientSampleId :

SPMSD

Tot Ion: 99 Resp: 576531

Ion	Ratio	Lower	Upper
99	100		
42	15.2	11.3	16.9
71	40.5	30.8	46.2

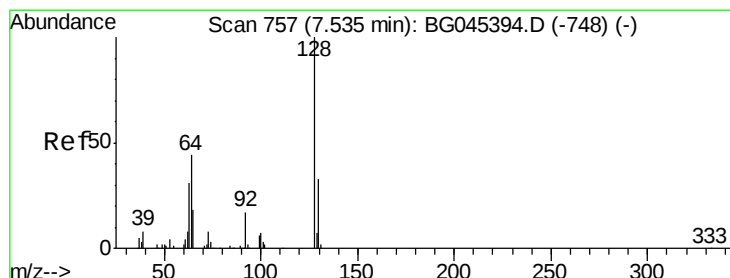
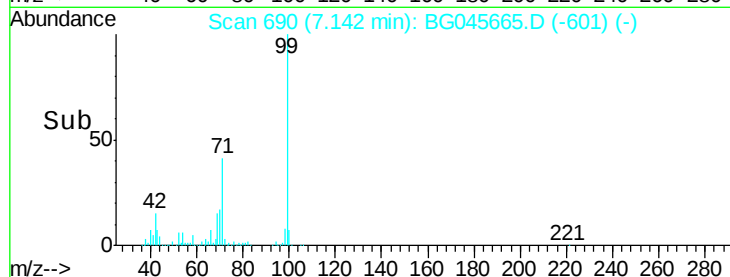
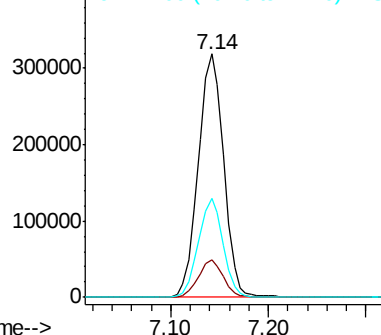


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.259 ng

RT: 7.52 min Scan# 755

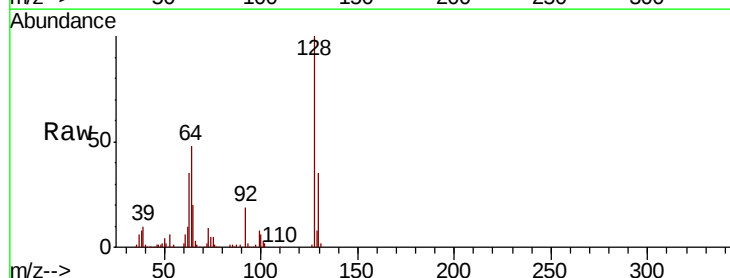
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion: 128 Resp: 160624

Ion	Ratio	Lower	Upper
128	100		
130	35.4	12.6	52.6
64	48.2	27.0	67.0

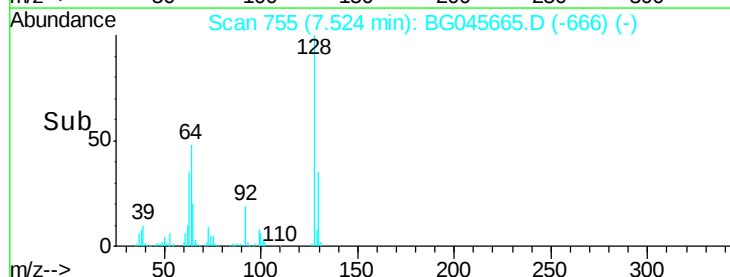
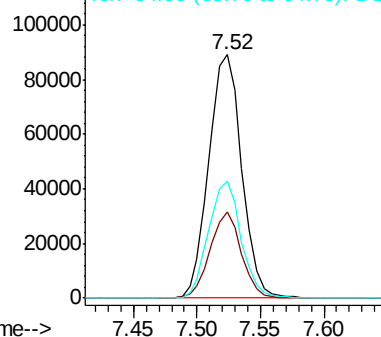


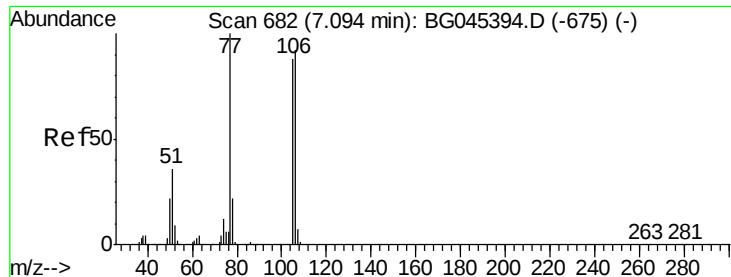
Abundance

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: 31.291 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

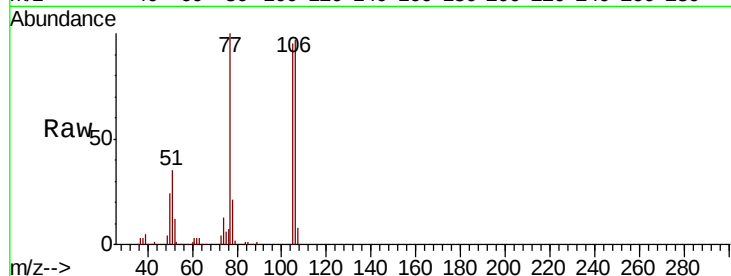
Tot Ion: 77 Resp: 100571

Ion Ratio Lower Upper

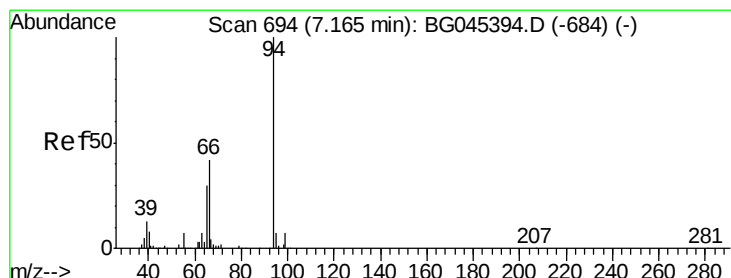
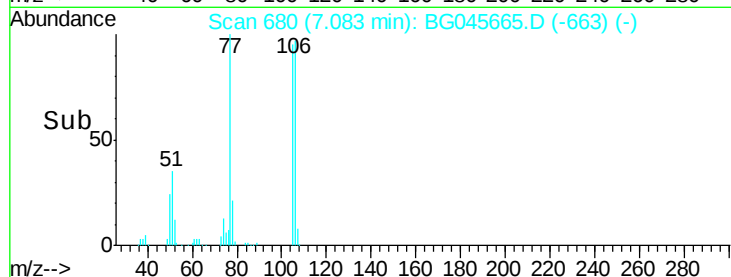
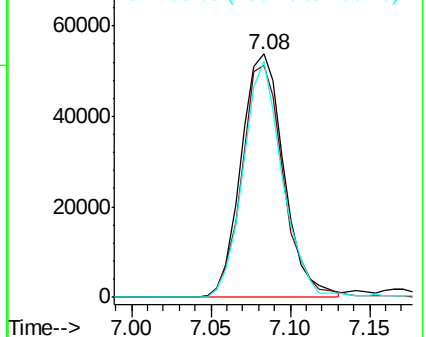
77 100

105 95.4 68.5 108.5

106 96.7 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: 42.570 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

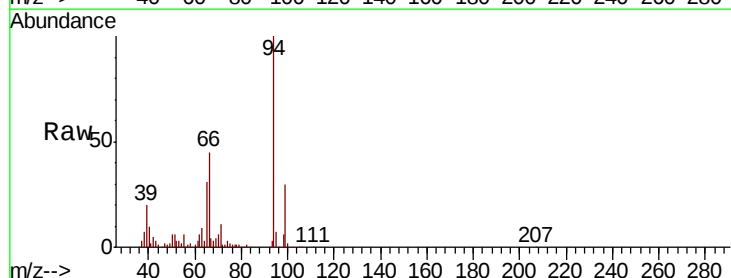
Tgt Ion: 94 Resp: 216440

Ion Ratio Lower Upper

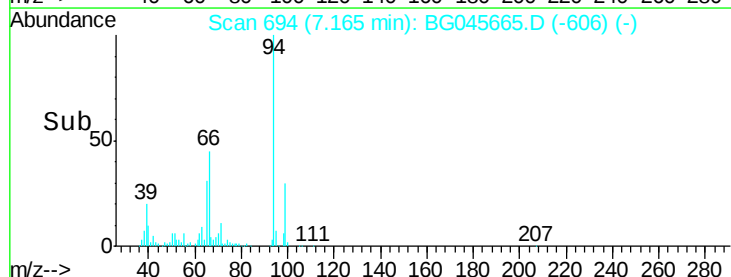
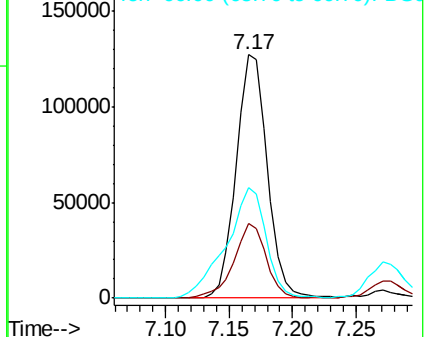
94 100

65 30.9 9.8 49.8

66 45.2 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

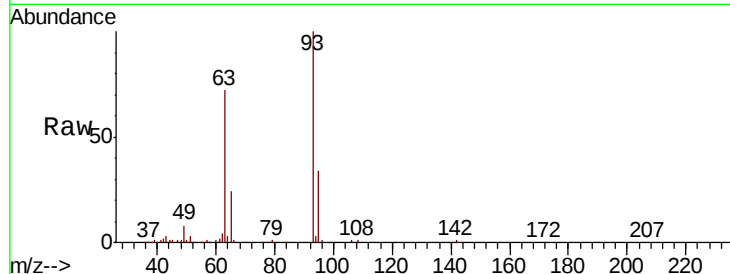




#11
bis(2-Chloroethyl)ether
Concen: 37.757 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	93.00	Resp	149735
Ion	Ratio	Lower	Upper
93	100		
63	71.9	48.4	88.4
95	34.3	12.4	52.4

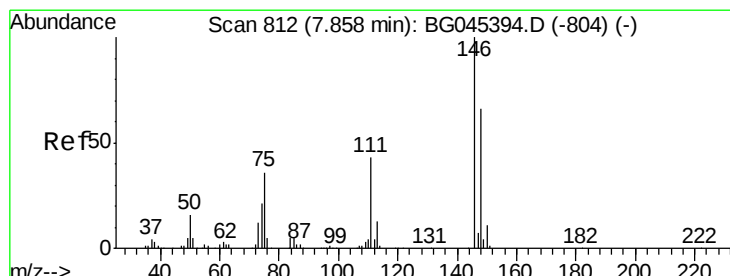
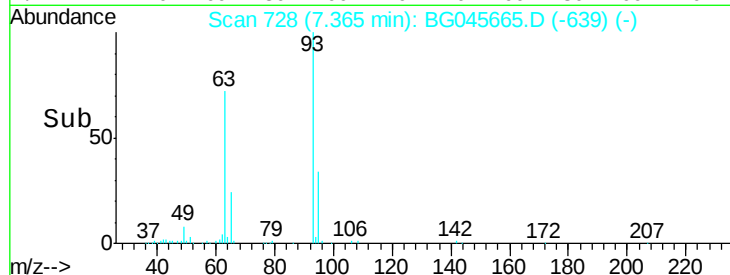
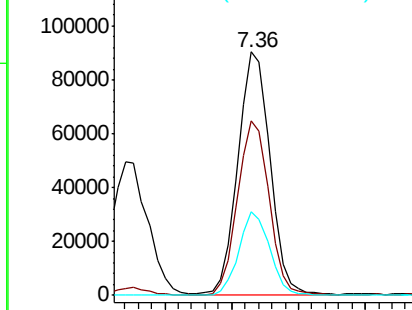


Abundance

Ion 93.00 (92.70 to 93.70): BGC

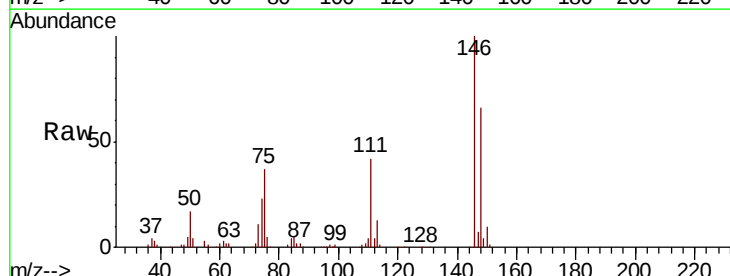
Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12
1,3-Dichlorobenzene
Concen: 39.327 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	146	Resp	179631
Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.2	79.8
75	36.8	28.6	43.0

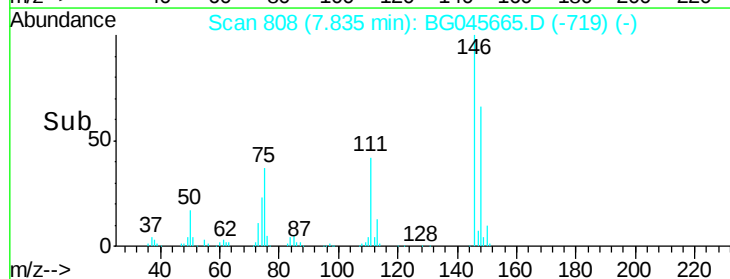
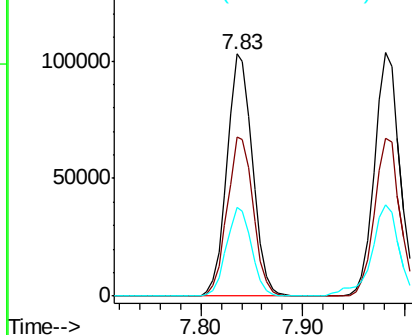


Abundance

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: 39.338 ng

RT: 7.98 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

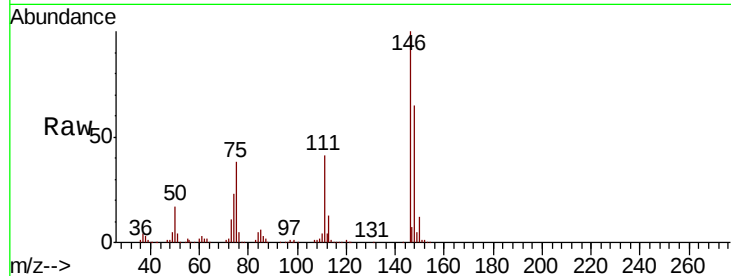
Tot Ion:146 Resp: 177322

Ion Ratio Lower Upper

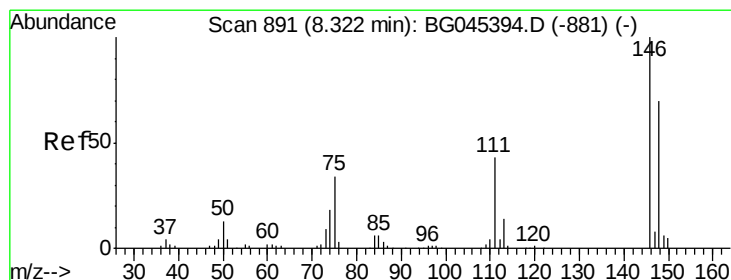
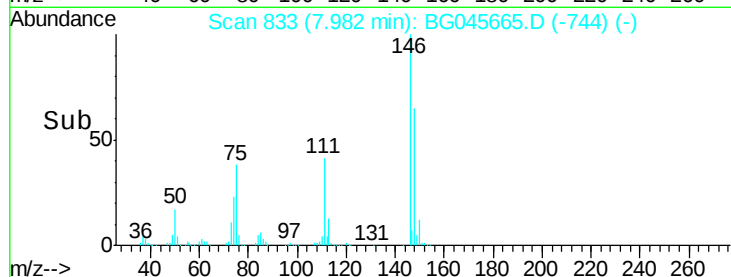
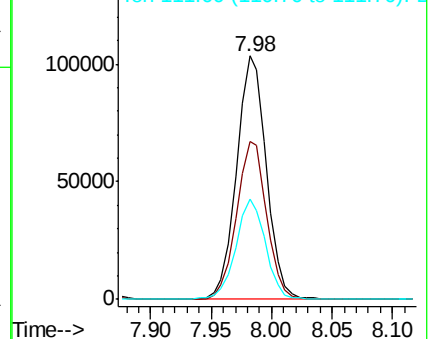
146 100

148 64.7 51.8 77.8

111 41.1 32.1 48.1



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



#14

1,2-Dichlorobenzene

Concen: 38.190 ng

RT: 8.30 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

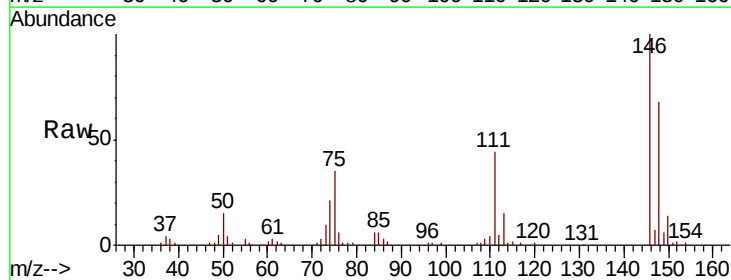
Tgt Ion:146 Resp: 165572

Ion Ratio Lower Upper

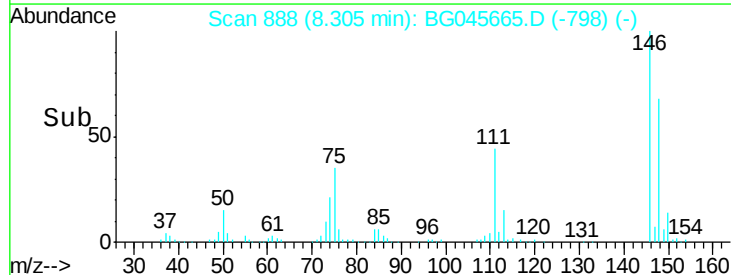
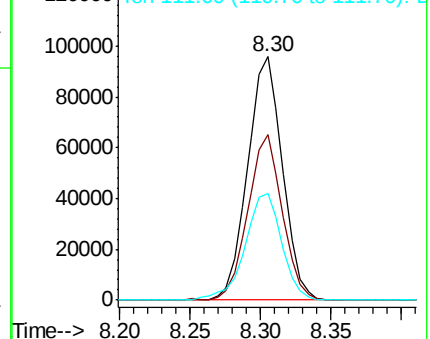
146 100

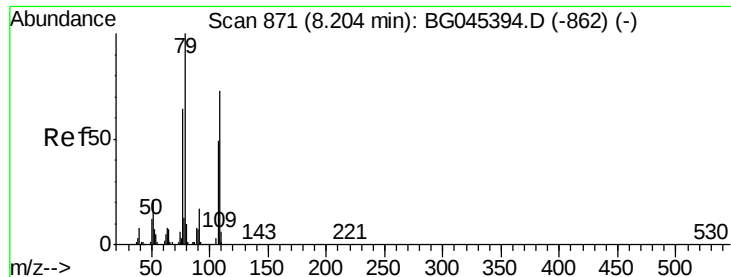
148 67.9 55.9 83.9

111 44.1 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: 41.374 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

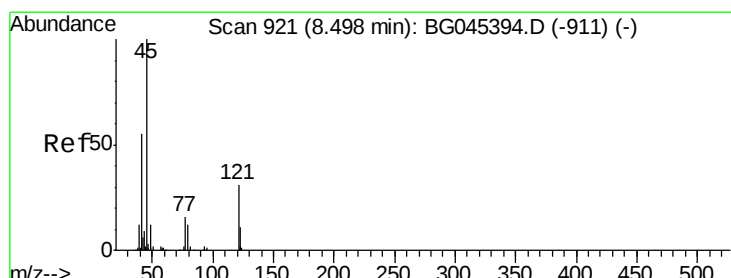
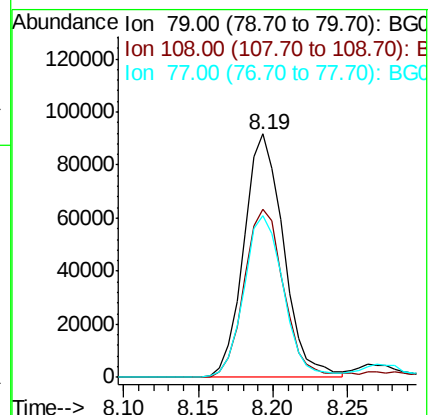
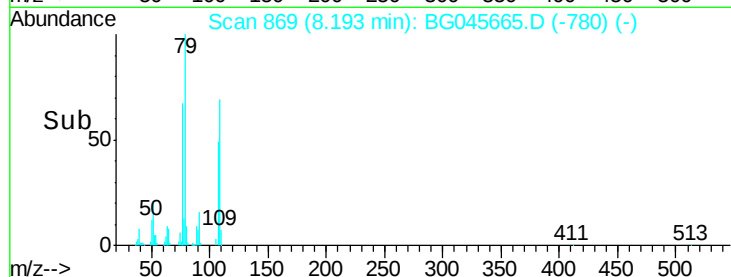
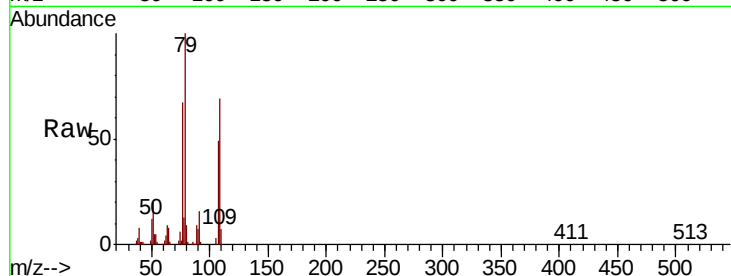
Tot Ion: 79 Resp: 168608

Ion Ratio Lower Upper

79 100

108 69.1 58.2 87.4

77 66.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.977 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

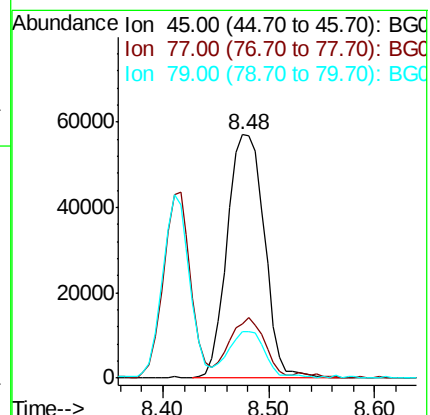
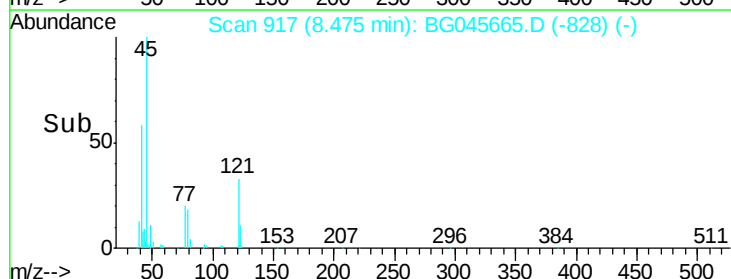
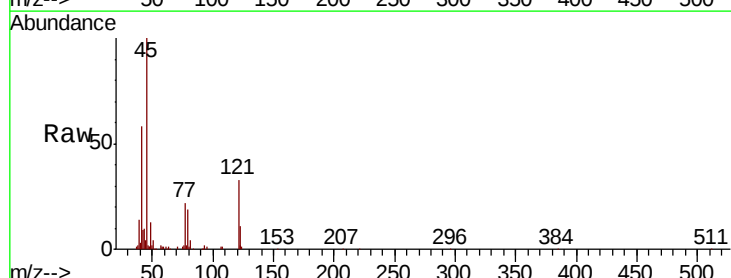
Tgt Ion: 45 Resp: 139198

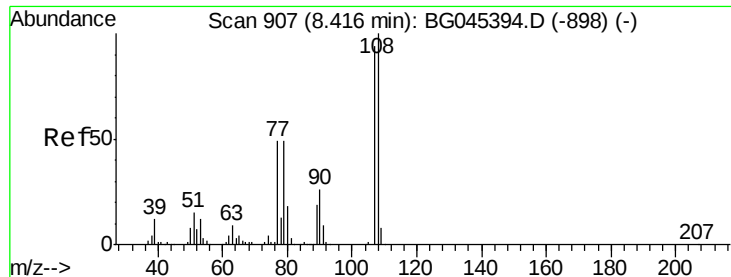
Ion Ratio Lower Upper

45 100

77 22.2 4.0 44.0

79 19.2 0.0 38.6





#17

2-Methylphenol

Concen: 37.952 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampled :

SPMSD

Tot Ion:107 Resp: 144427

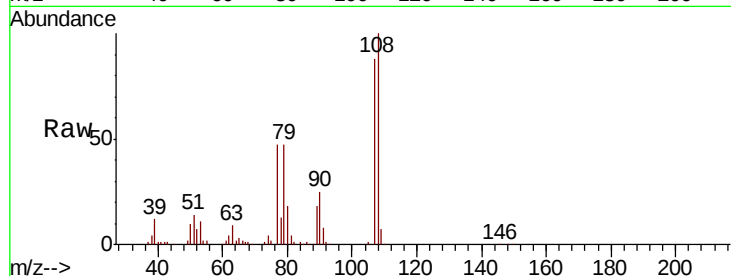
Ion Ratio Lower Upper

107 100

108 113.2 85.2 127.8

77 53.4 41.6 62.4

79 53.1 41.8 62.8

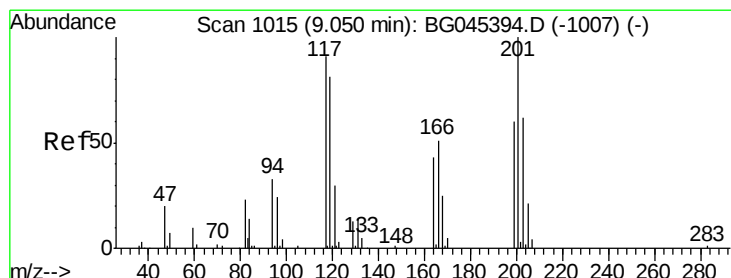
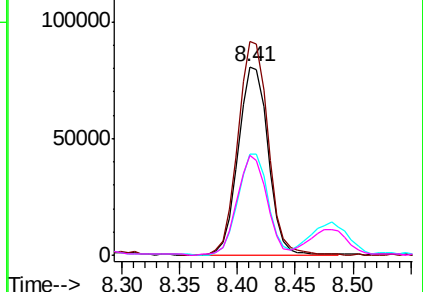
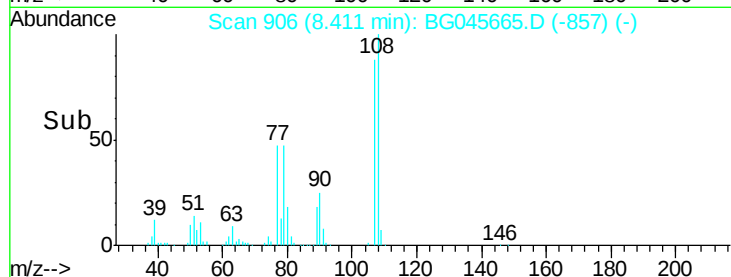


Abundance Ion 107.00 (106.70 to 107.70): E

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: 40.132 ng

RT: 9.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

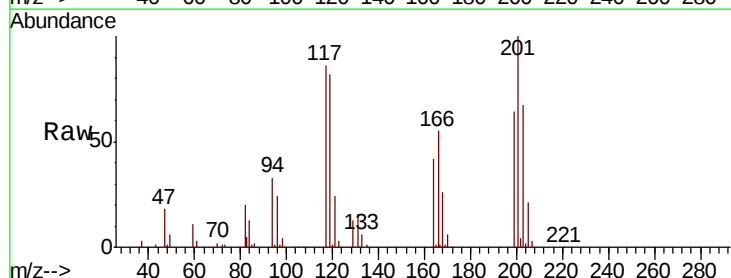
Tgt Ion:117 Resp: 69284

Ion Ratio Lower Upper

117 100

119 95.3 71.3 106.9

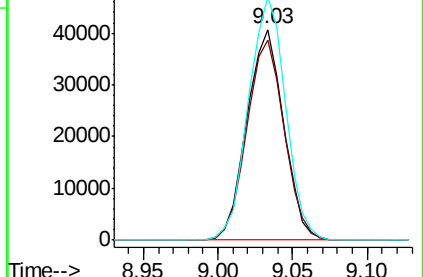
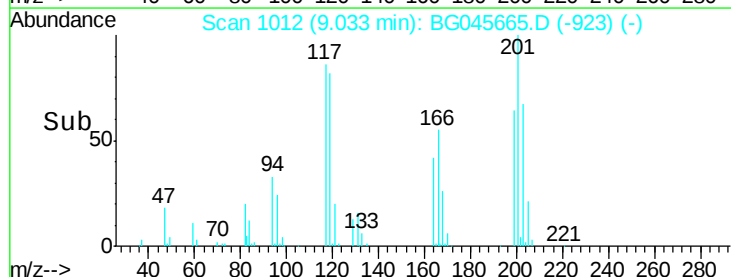
201 115.7 87.5 131.3

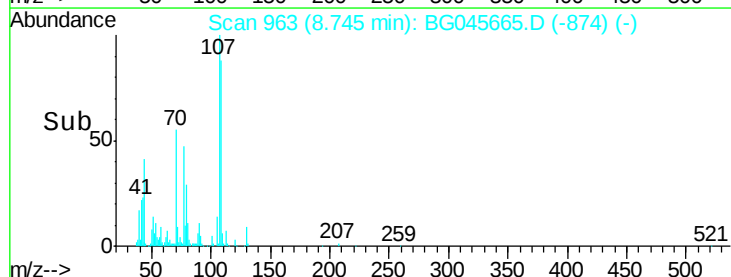
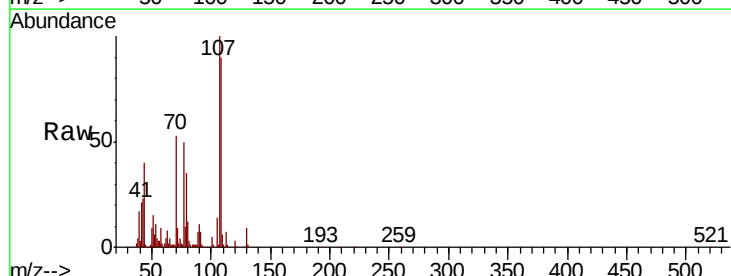
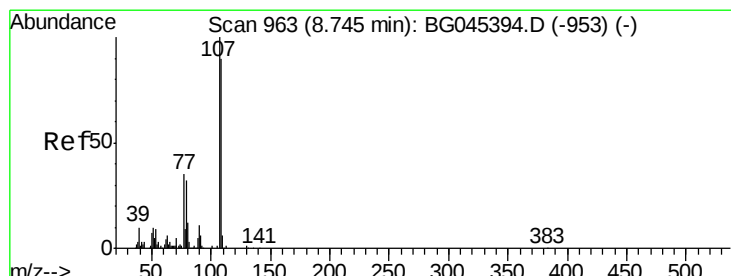
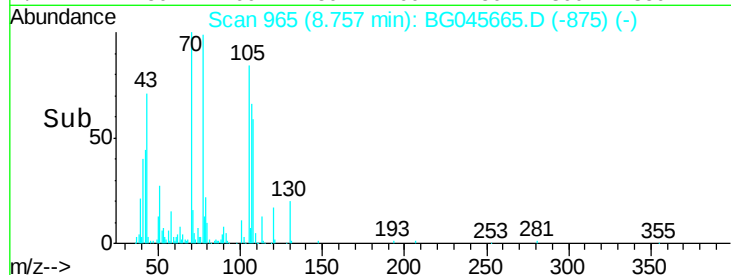
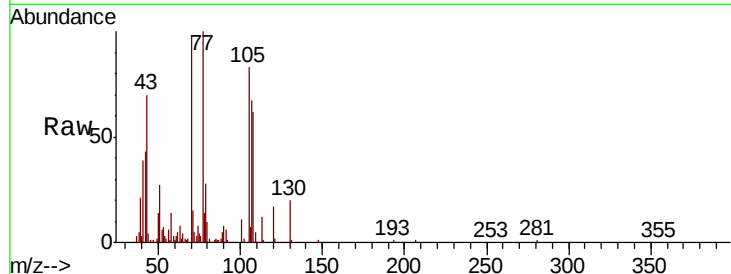
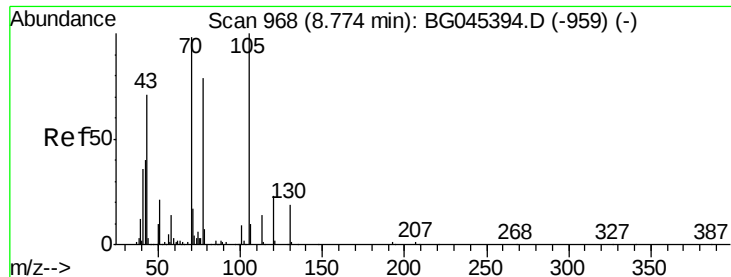


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

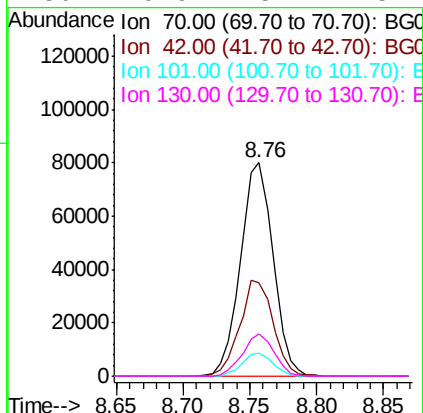




#19
n-Nitroso-di-n-propylamine
Concen: 39.661 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

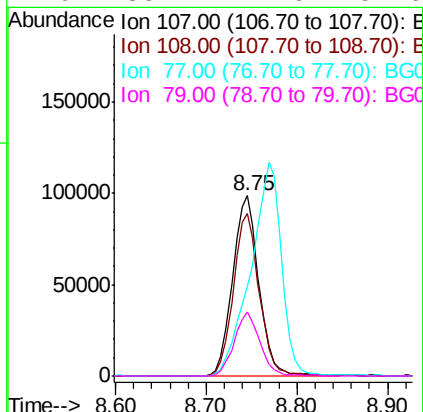
Instrument :
BNA_G
ClientSampleId :
SPMSD

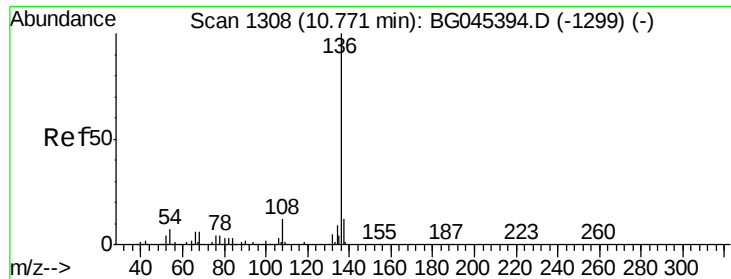
Tot Ion:	70	Resp:	135297
Ion	Ratio	Lower	Upper
70	100		
42	43.7	33.2	49.8
101	10.8	7.8	11.6
130	19.9	15.4	23.2



#20
3+4-Methylphenols
Concen: 38.376 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:	107	Resp:	198869
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.3	110.3
77	50.1	15.4	55.4
79	35.2	12.6	52.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.75 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

Tot Ion:136 Resp: 260251

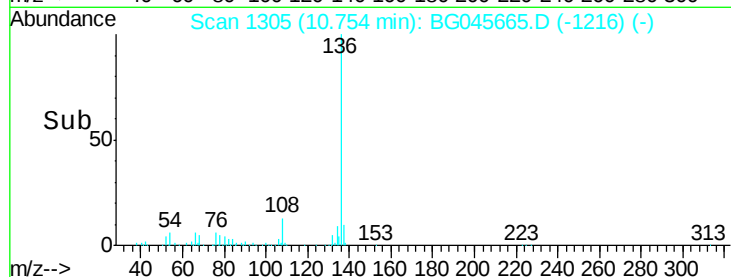
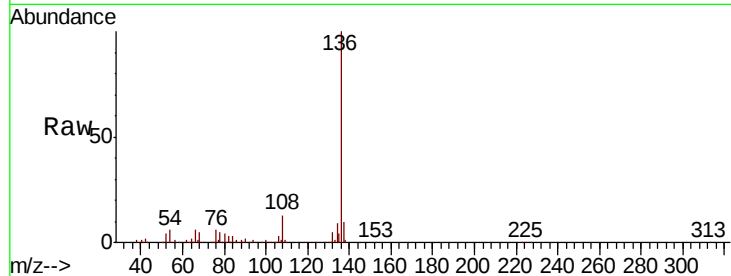
Ion Ratio Lower Upper

136 100

137 10.4 9.4 14.2

54 5.6 5.8 8.6#

68 5.4 4.5 6.7

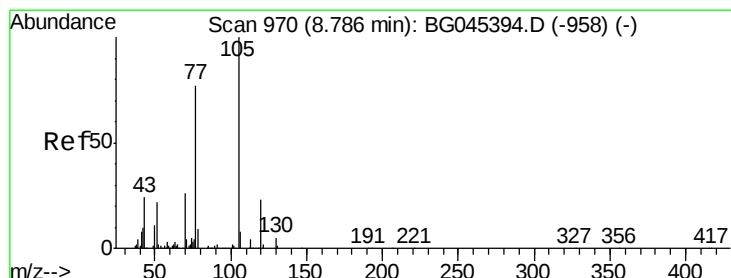
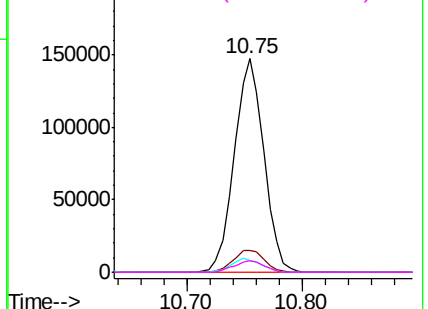


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 39.422 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion:105 Resp: 243166

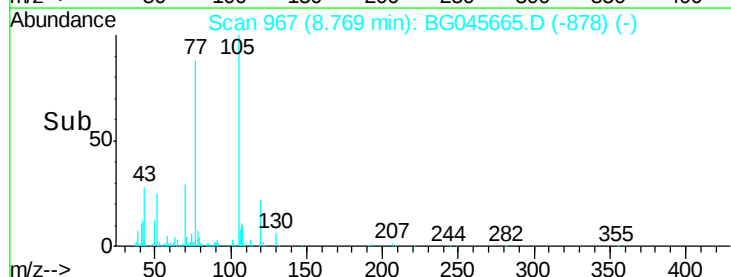
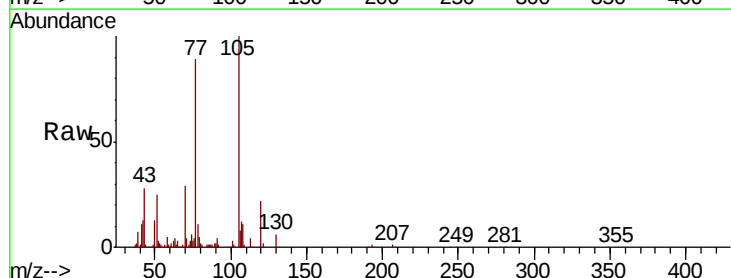
Ion Ratio Lower Upper

105 100

71 4.4 3.4 5.0

51 25.1 18.2 27.2

120 21.9 18.6 27.8

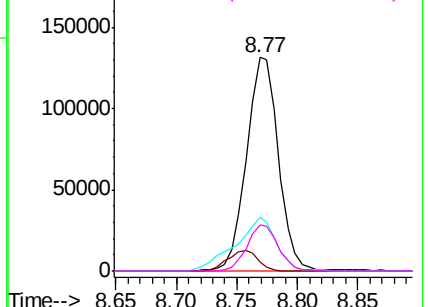


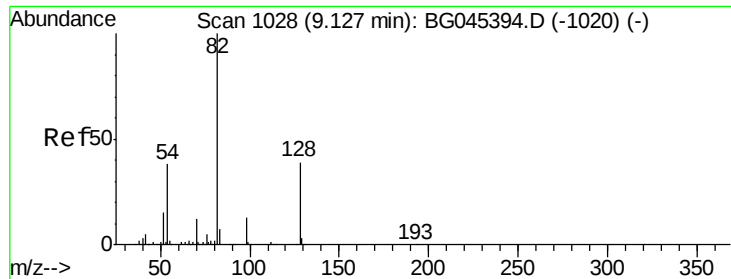
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

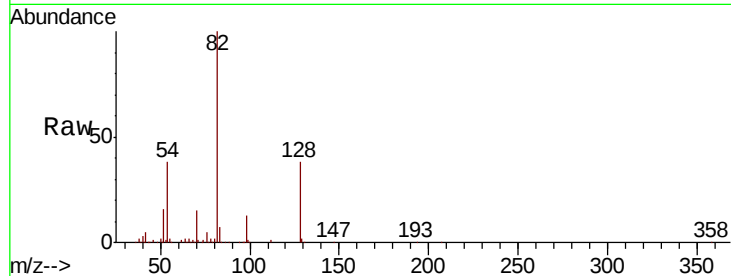




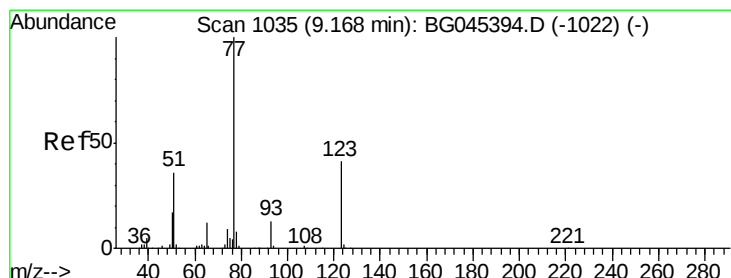
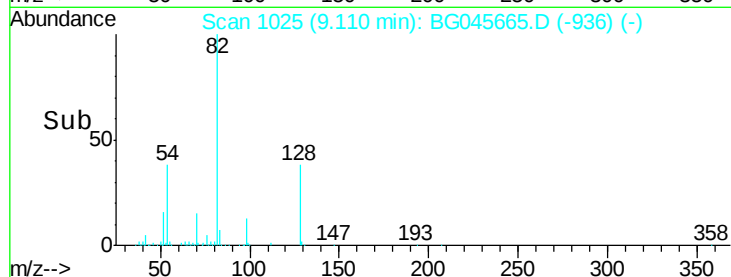
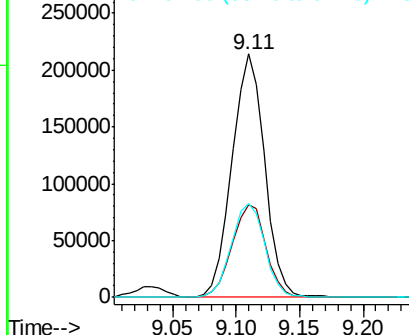
#23
Nitrobenzene-d5
Concen: 79.704 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampled :
SPMSD

Tot Ion	82	Resp	380387
Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.9	46.3
54	38.3	30.3	45.5

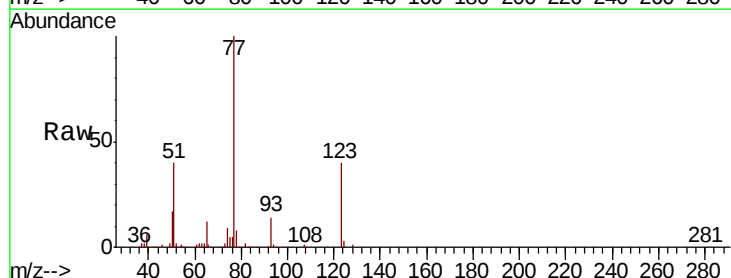


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

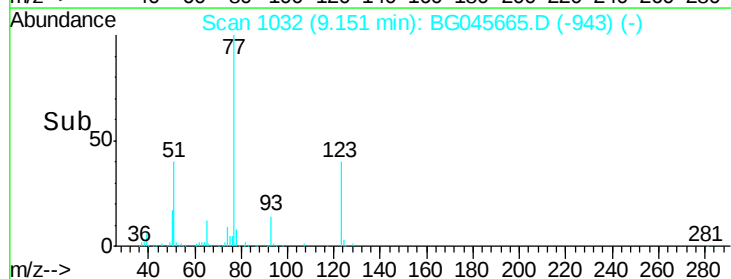
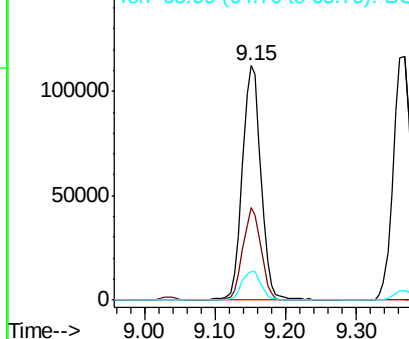


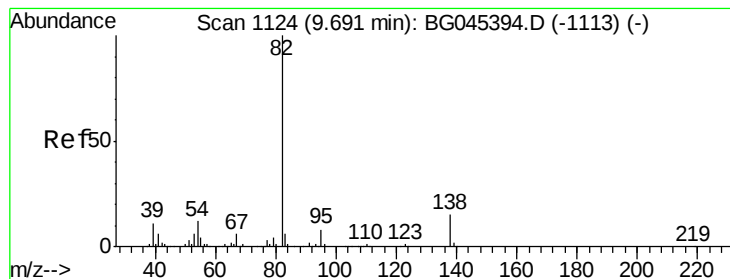
#24
Nitrobenzene
Concen: 40.324 ng
RT: 9.15 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	77	Resp	206186
Ion	Ratio	Lower	Upper
77	100		
123	39.7	32.9	49.3
65	12.3	9.4	14.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 39.098 ng

RT: 9.67 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

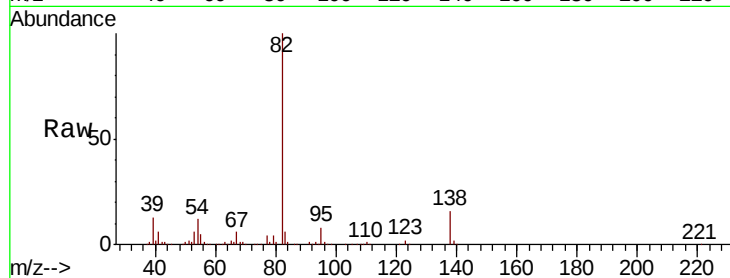
Tot Ion: 82 Resp: 367473

Ion Ratio Lower Upper

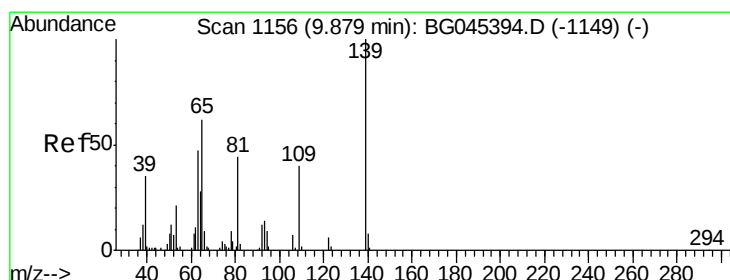
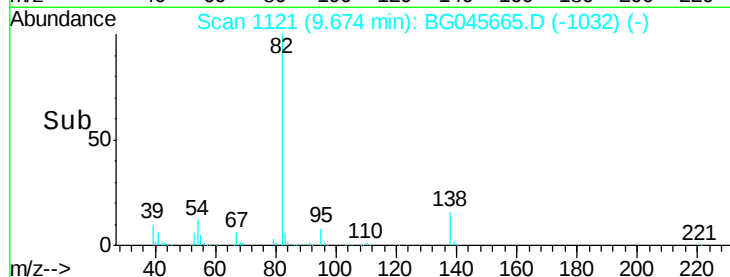
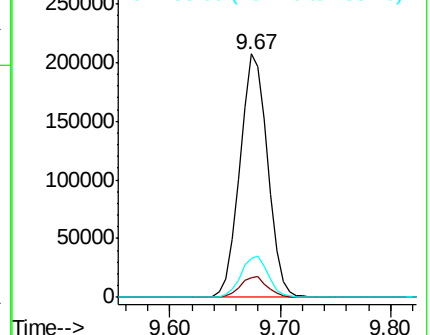
82 100

95 8.0 6.7 10.1

138 16.0 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: 42.122 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

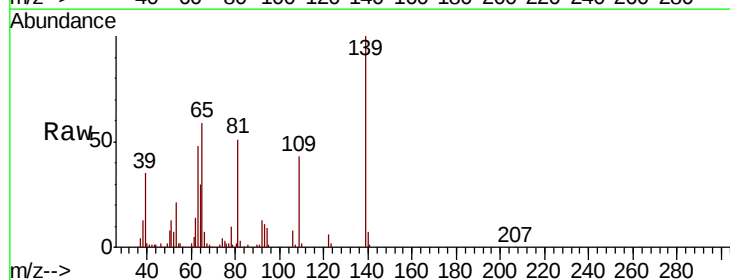
Tgt Ion: 139 Resp: 92135

Ion Ratio Lower Upper

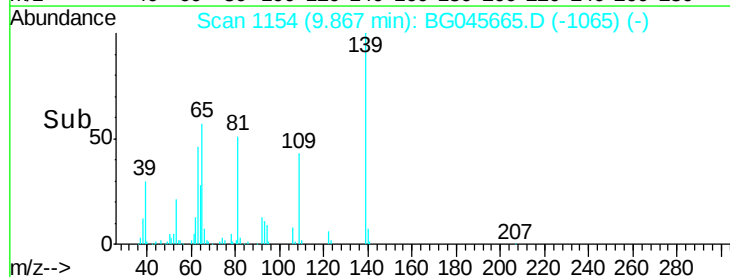
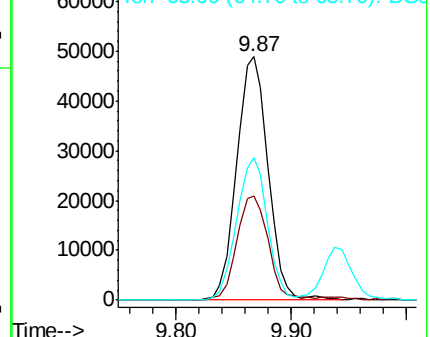
139 100

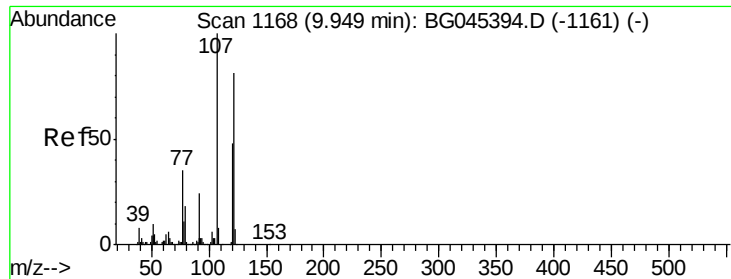
109 42.8 32.2 48.4

65 58.7 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

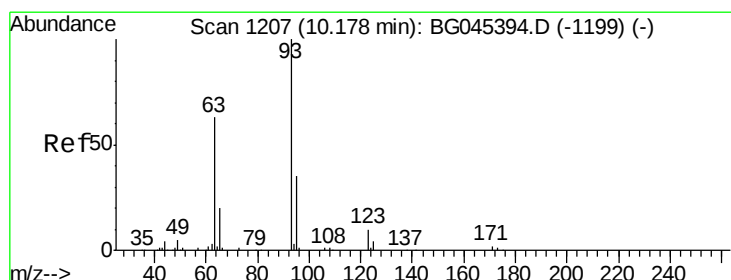
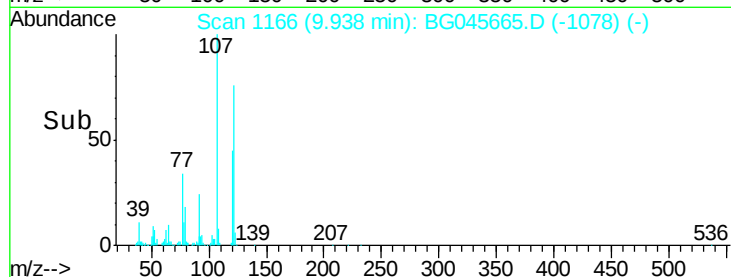
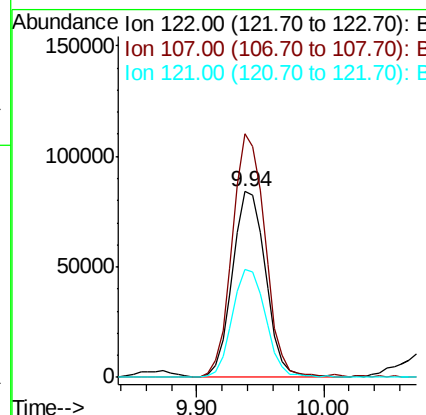
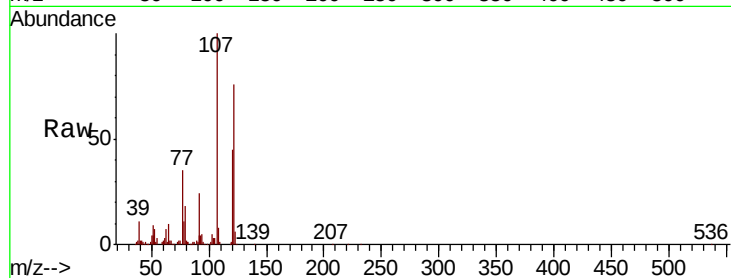




#27
 2,4-Dimethylphenol
 Concen: 46.672 ng
 RT: 9.94 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

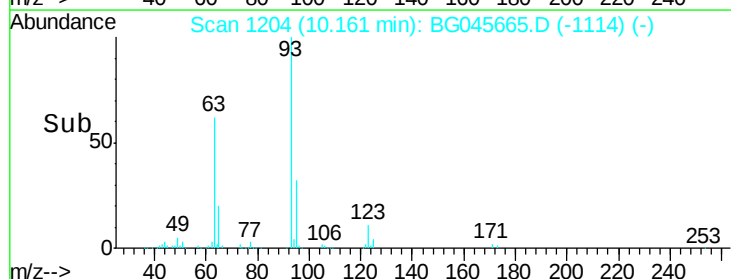
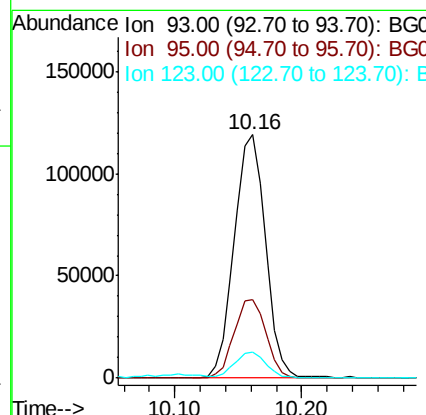
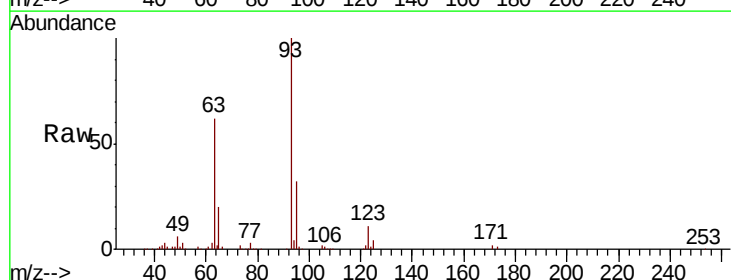
Instrument :
 BNA_G
 ClientSampled :
 SPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.1	99.0	148.4
121	58.4	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.459 ng
 RT: 10.16 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.6	41.4
123	10.8	8.1	12.1

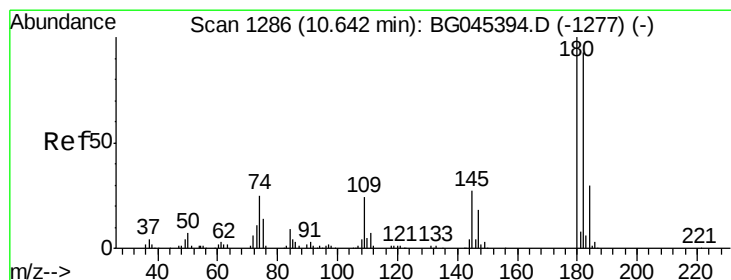
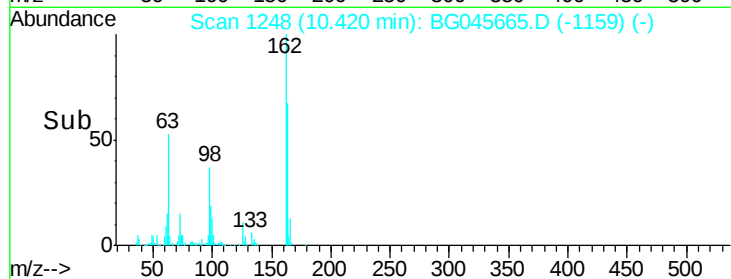
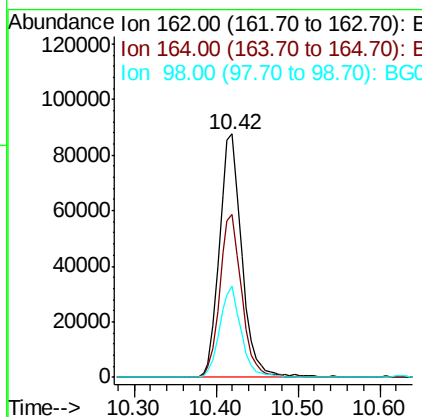
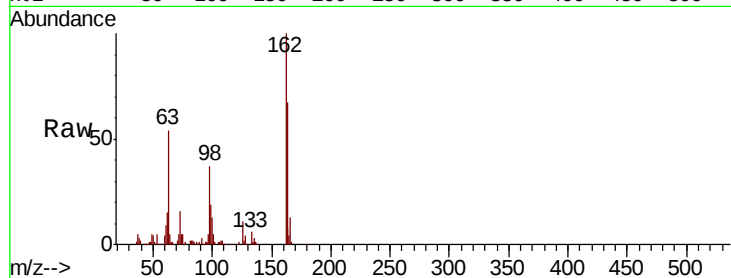




#29
 2,4-Dichlorophenol
 Concen: 43.635 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

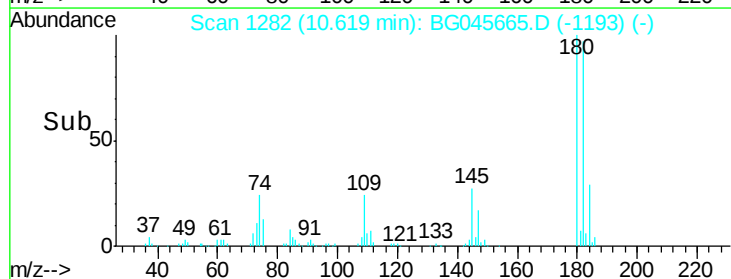
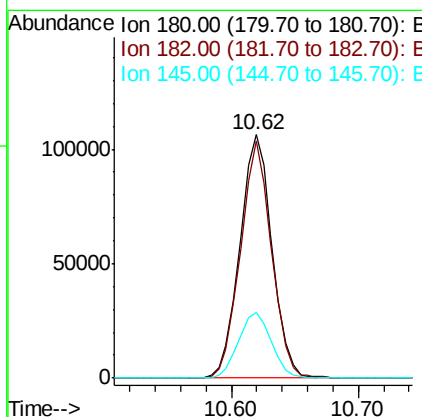
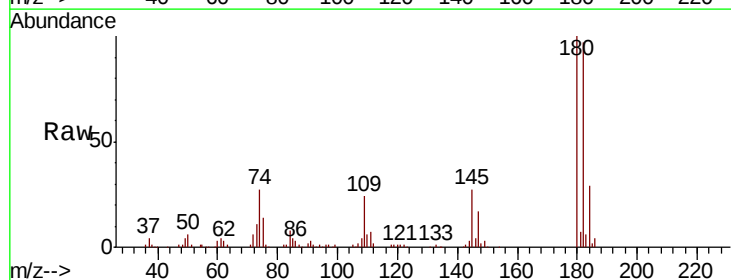
Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

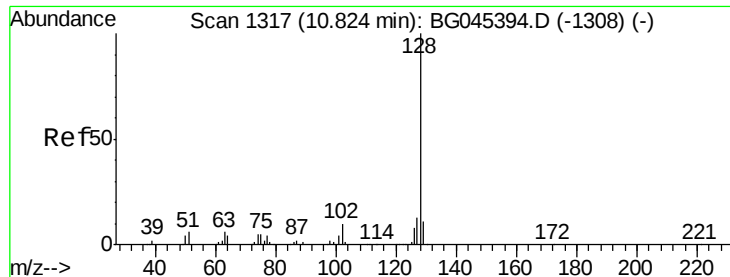
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	46.8	86.8
98	37.3	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.213 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	74.8	112.2
145	27.1	21.9	32.9

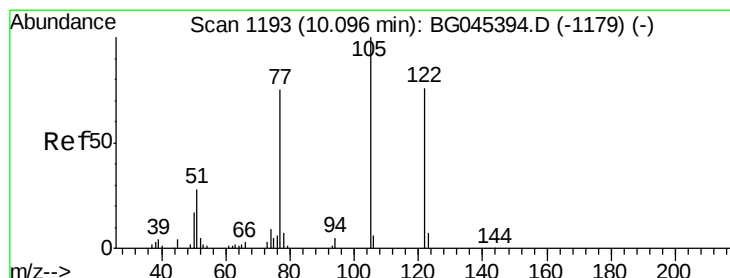
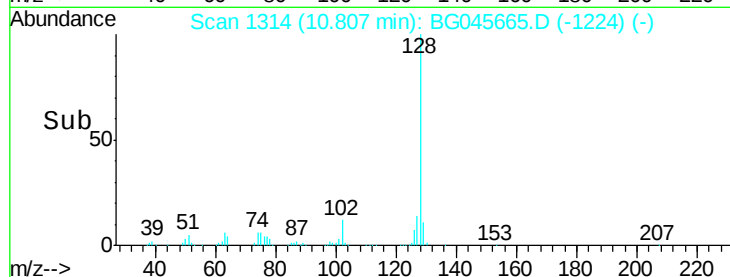
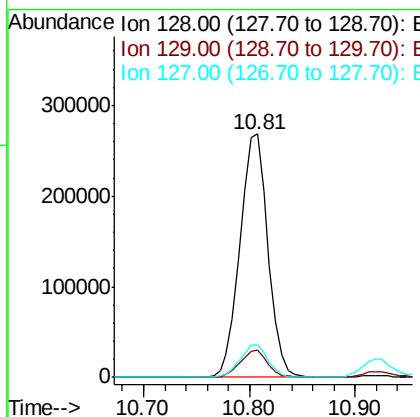
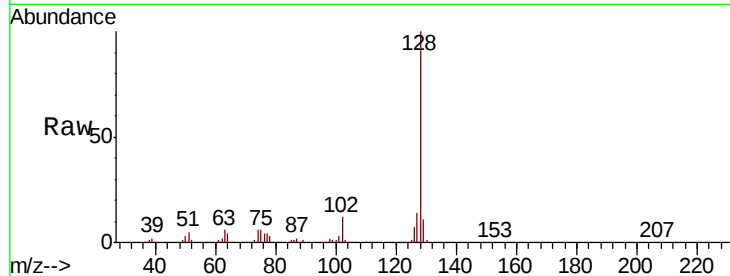




#31
Naphthalene
Concen: 40.516 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

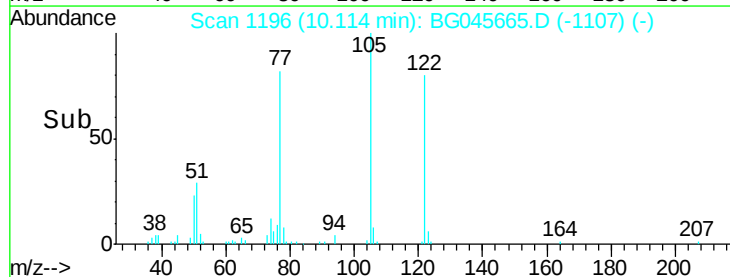
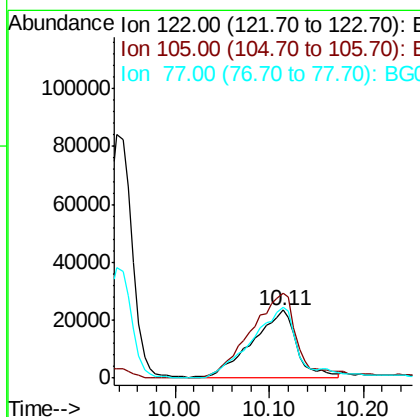
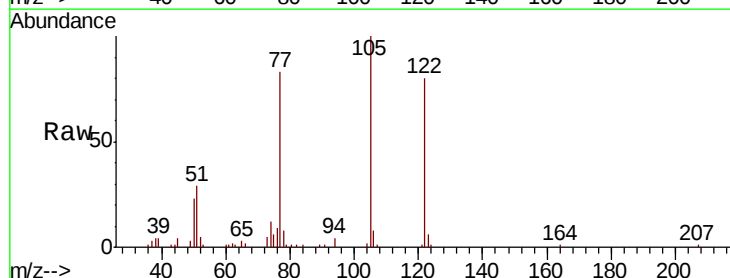
Instrument :
BNA_G
ClientSampleId :
SPMSD

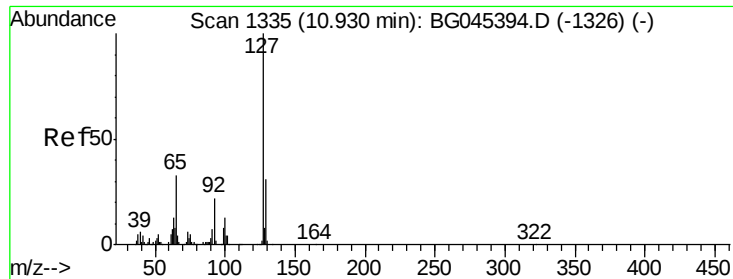
Tot Ion:128 Resp: 491359
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 37.090 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:122 Resp: 75484
Ion Ratio Lower Upper
122 100
105 125.2 107.9 147.9
77 104.1 78.9 118.9

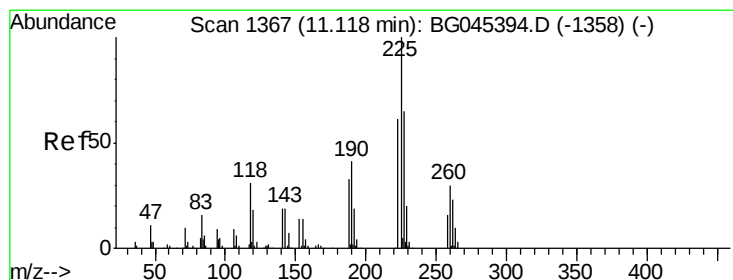
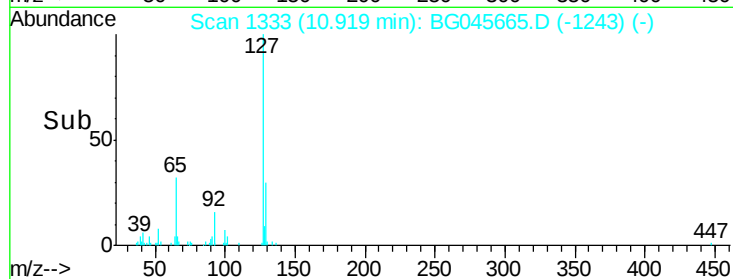
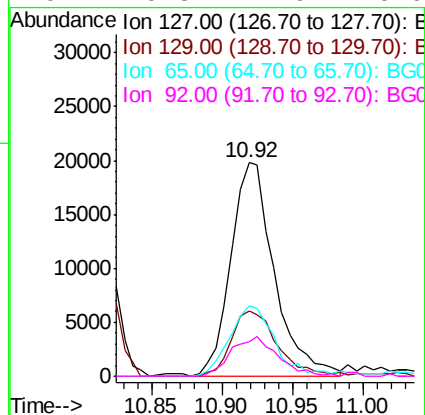
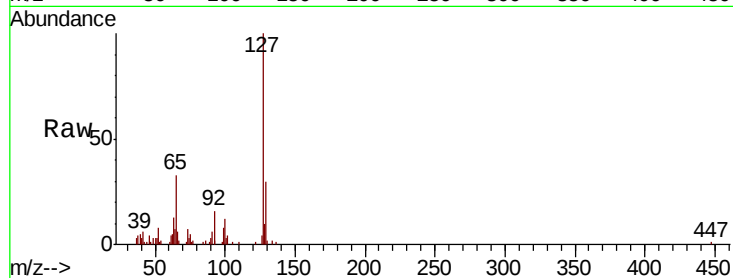




#33
4-Chloroaniline
Concen: 8.408 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

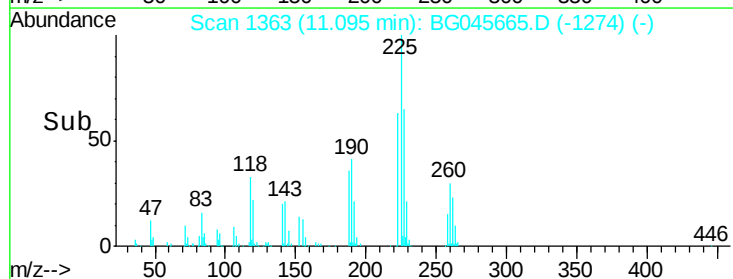
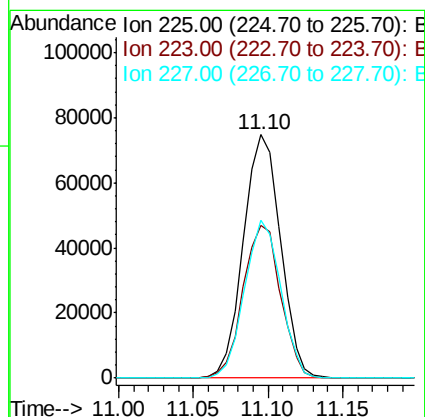
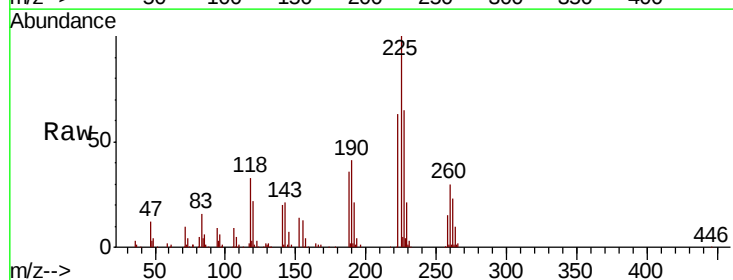
Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:127 Resp: 42625
Ion Ratio Lower Upper
127 100
129 30.4 24.7 37.1
65 32.8 26.2 39.2
92 16.3 17.9 26.9#



#34
Hexachlorobutadiene
Concen: 40.369 ng
RT: 11.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:225 Resp: 129176
Ion Ratio Lower Upper
225 100
223 62.5 49.1 73.7
227 64.6 52.0 78.0

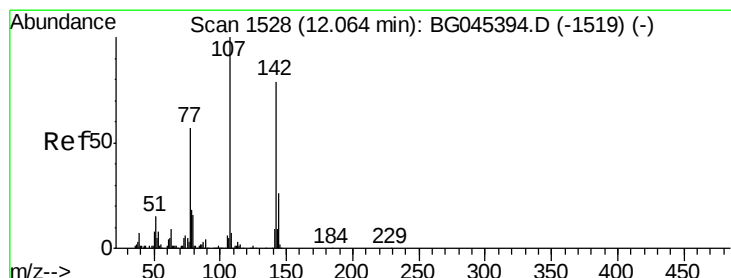
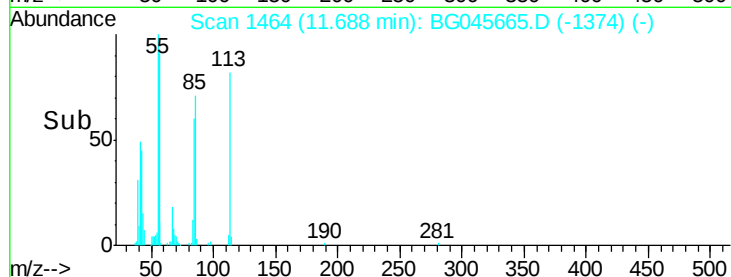
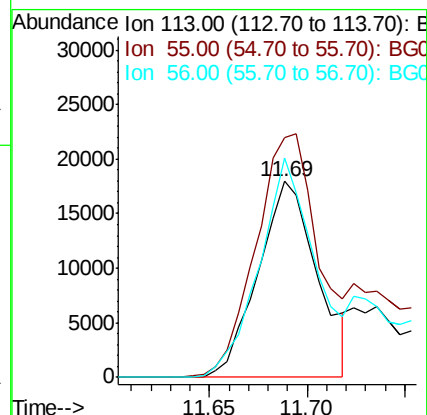
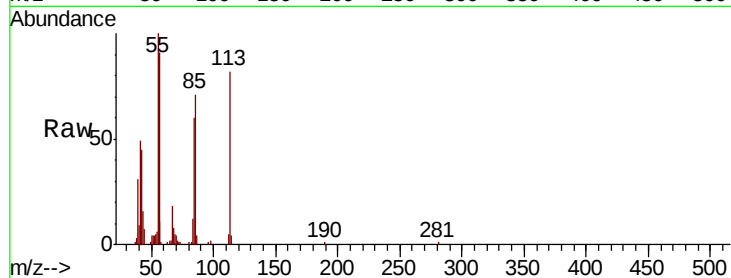




#35
 Caprolactam
 Concen: 26.681 ng
 RT: 11.69 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

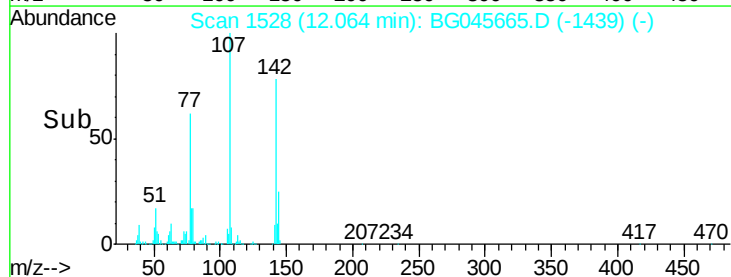
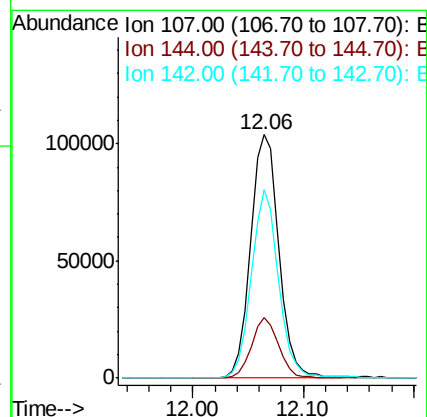
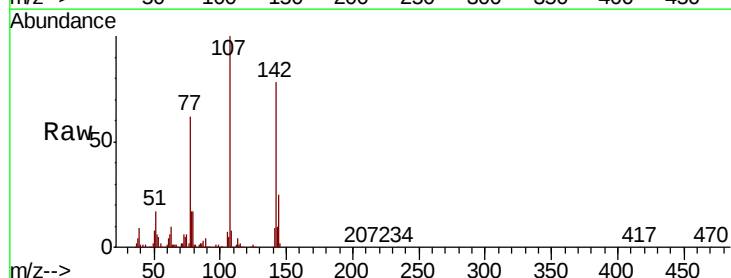
Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

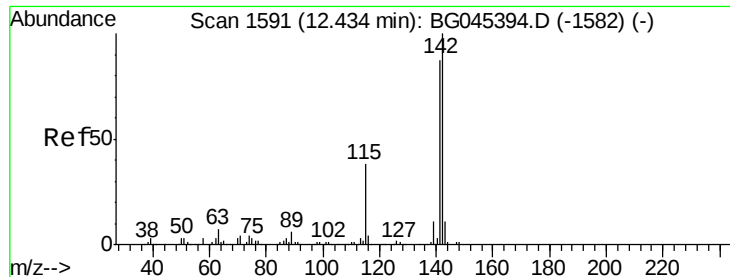
Tot Ion:113 Resp: 37518
 Ion Ratio Lower Upper
 113 100
 55 122.4 96.0 136.0
 56 111.8 75.1 115.1



#36
 4-Chloro-3-methylphenol
 Concen: 43.300 ng
 RT: 12.06 min Scan# 1528
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion:107 Resp: 186921
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.8 31.2
 142 77.6 62.8 94.2

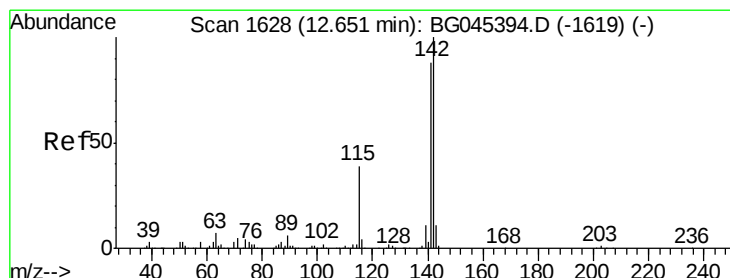
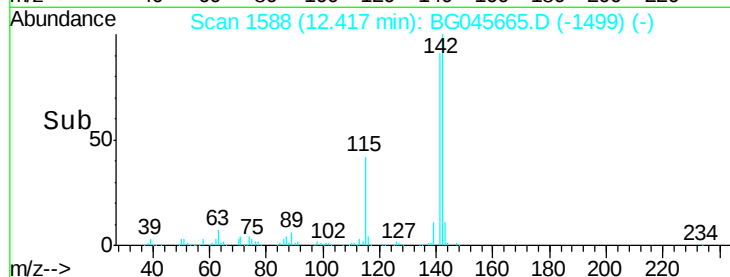
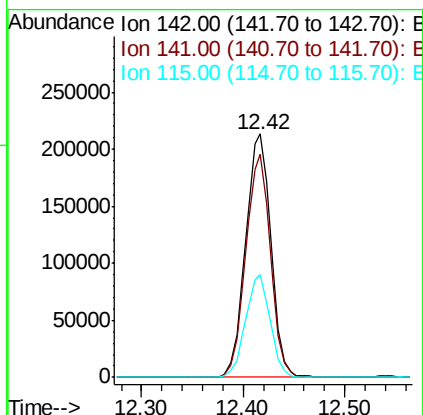
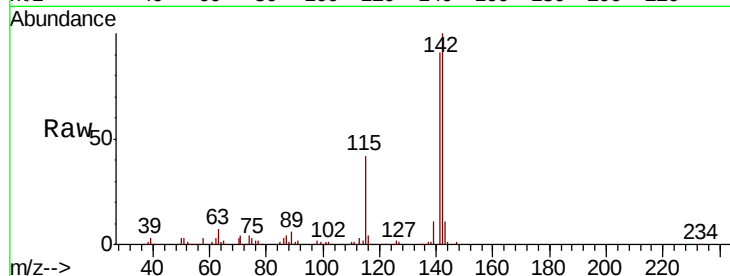




#37
2-Methylnaphthalene
Concen: 40.643 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

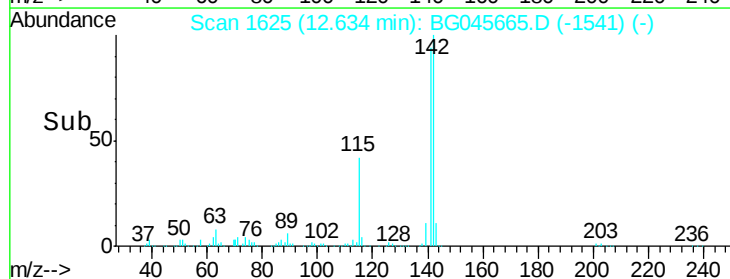
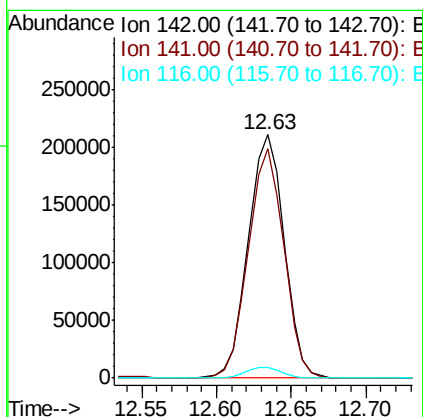
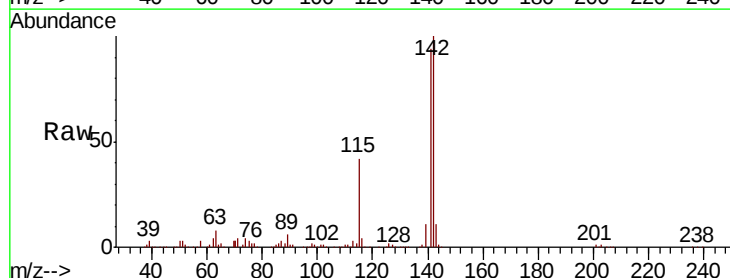
Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:142 Resp: 367379
Ion Ratio Lower Upper
142 100
141 91.4 70.0 105.0
115 42.3 30.8 46.2



#38
1-Methylnaphthalene
Concen: 40.898 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:142 Resp: 349211
Ion Ratio Lower Upper
142 100
141 94.0 70.8 106.2
116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

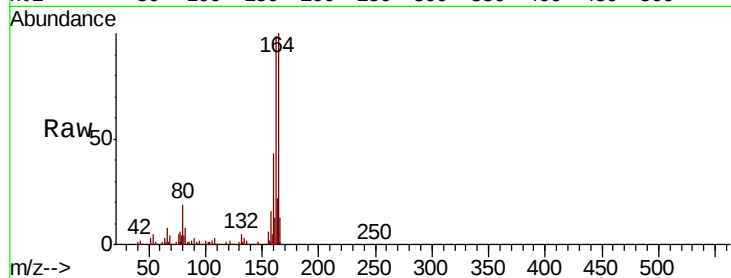
Tot Ion:164 Resp: 185541

Ion Ratio Lower Upper

164 100

162 98.6 76.9 115.3

160 42.5 33.8 50.8

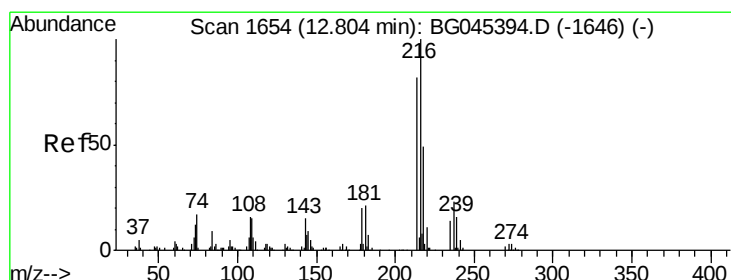
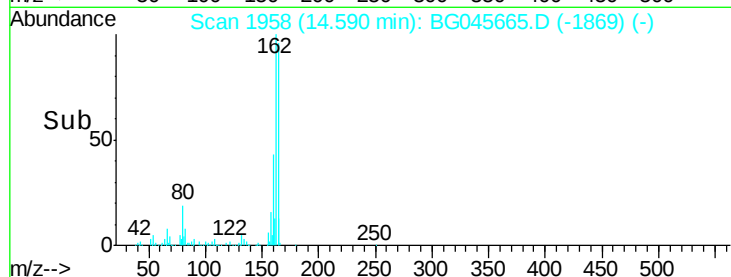
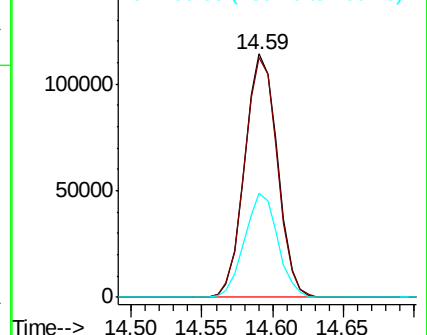


Abundance

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: 41.725 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion:216 Resp: 216237

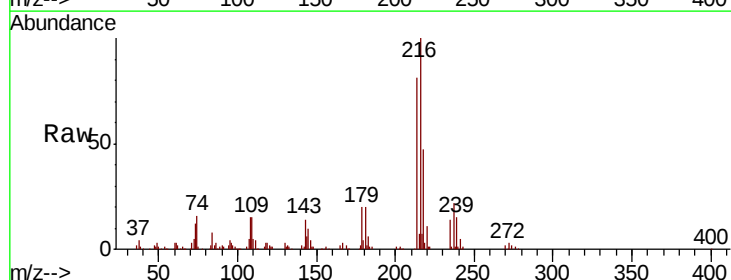
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 19.7 16.1 24.1

108 18.9 13.8 20.6



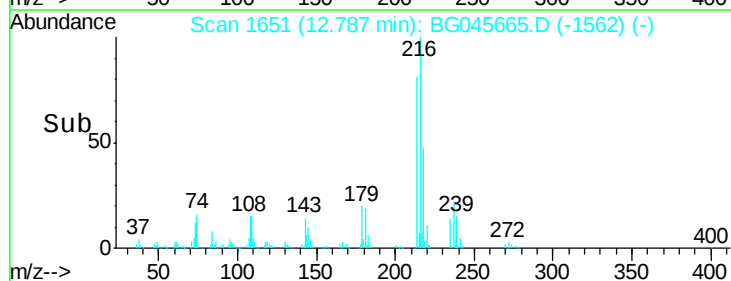
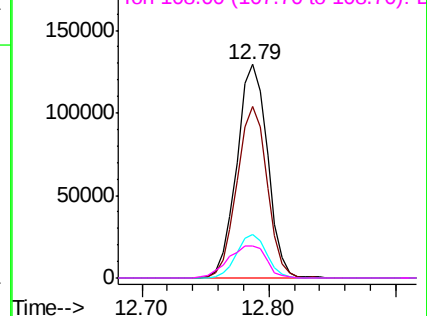
Abundance

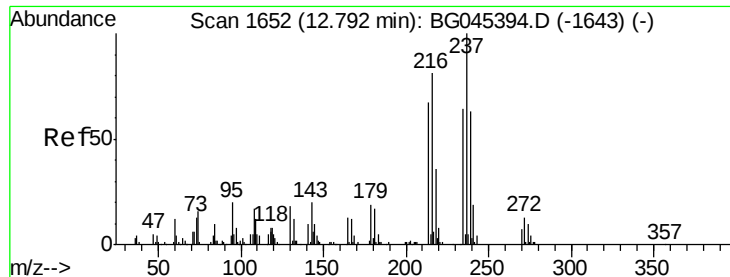
Ion 216.00 (215.70 to 216.70): E

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

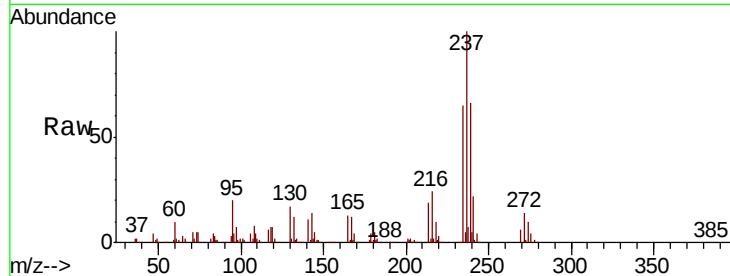




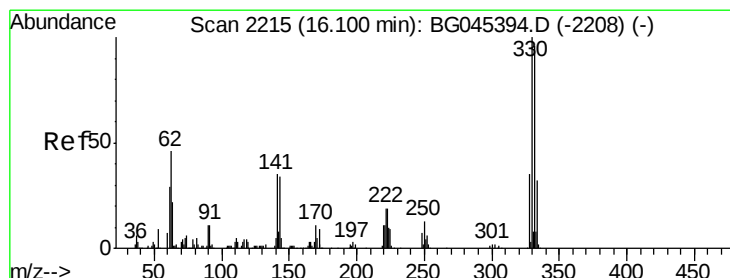
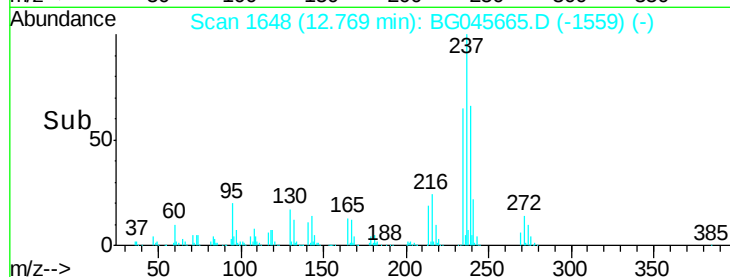
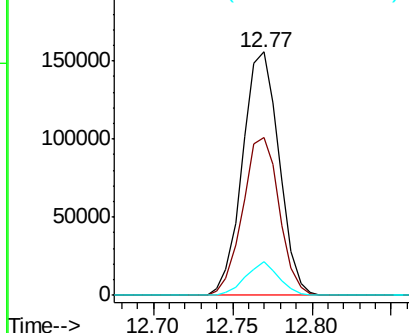
#41
Hexachlorocyclopentadiene
Concen: 83.504 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	65.0	44.4	84.4
272	13.7	0.0	32.5

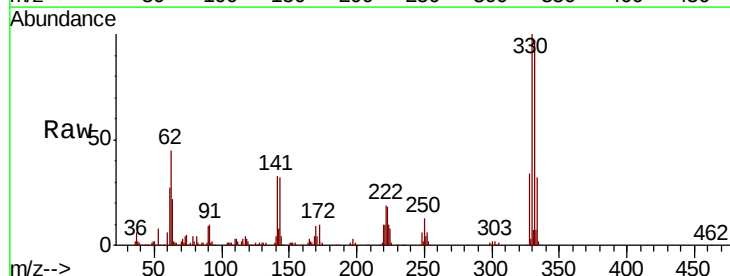


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

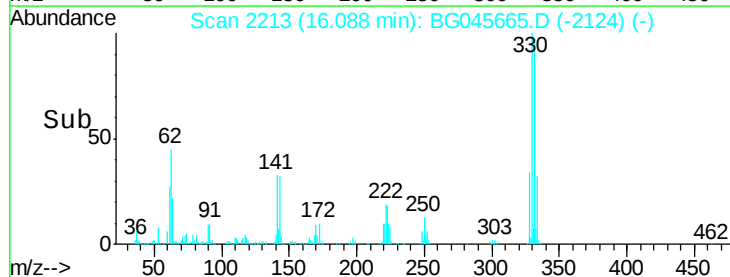
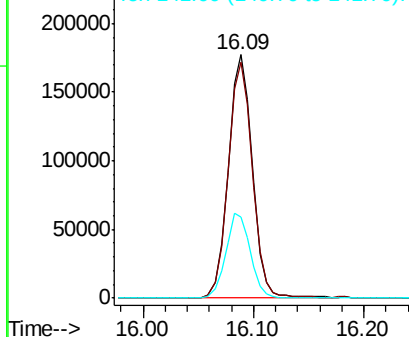


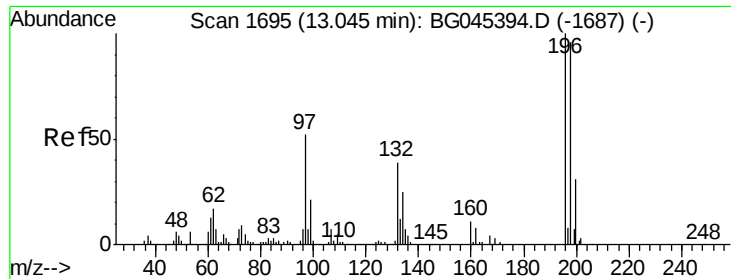
#42
2,4,6-Tribromophenol
Concen: 114.175 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.4
141	35.8	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

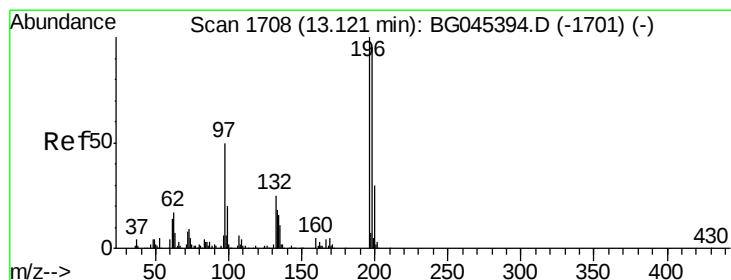
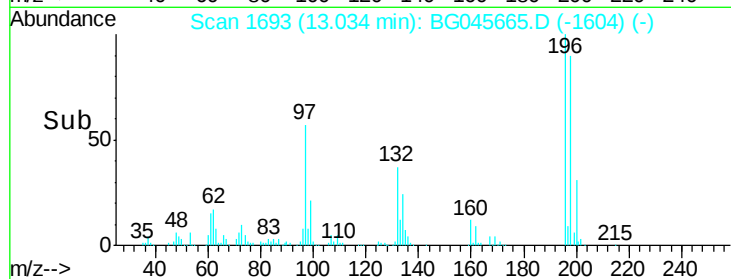
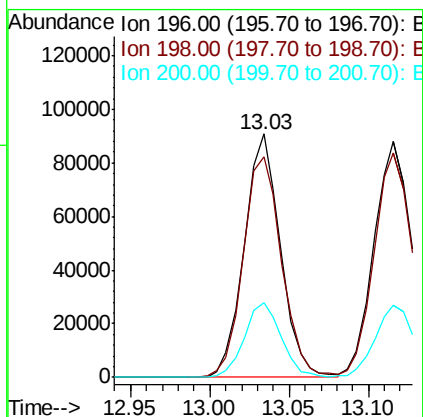
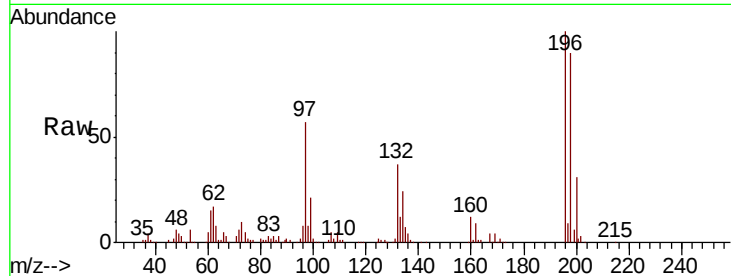




#43
 2,4,6-Trichlorophenol
 Concen: 39.959 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

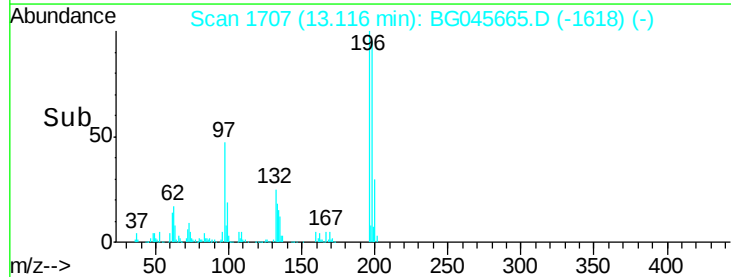
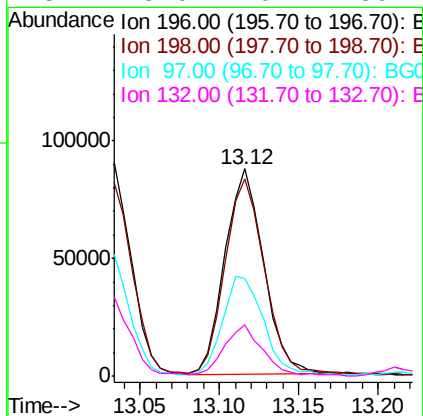
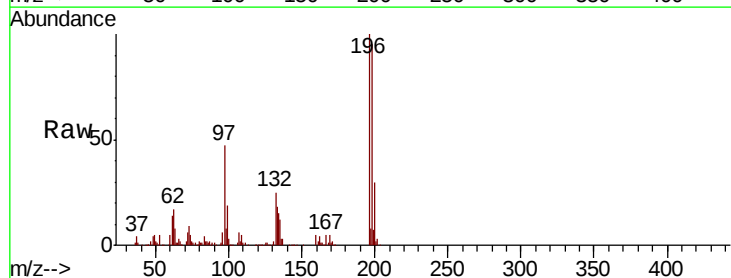
Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion:196 Resp: 143856
 Ion Ratio Lower Upper
 196 100
 198 90.4 76.7 115.1
 200 30.7 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 36.102 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion:196 Resp: 148521
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.1 114.1
 97 46.9 40.0 60.0
 132 25.0 20.2 30.2

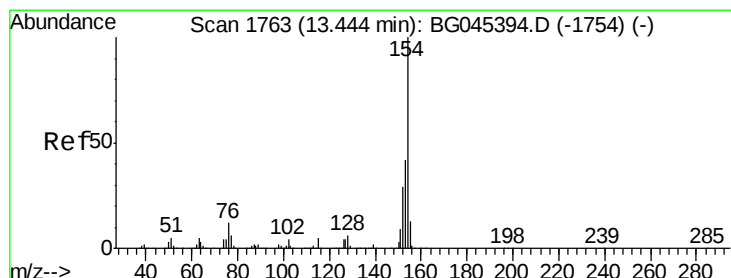
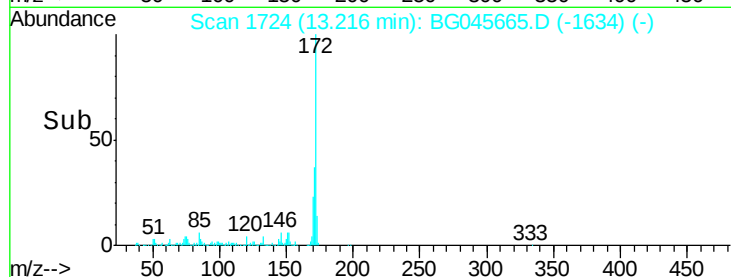
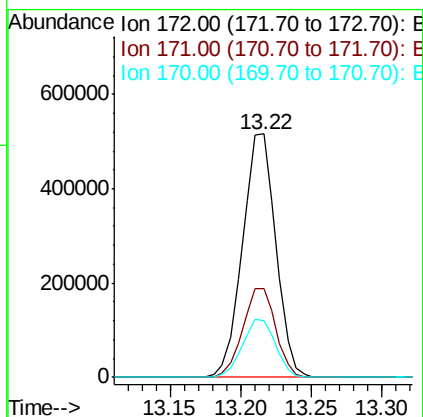
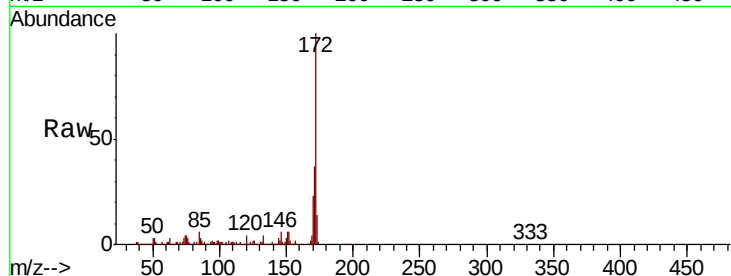




#45
2-Fluorobiphenyl
Concen: 78.073 ng
RT: 13.22 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

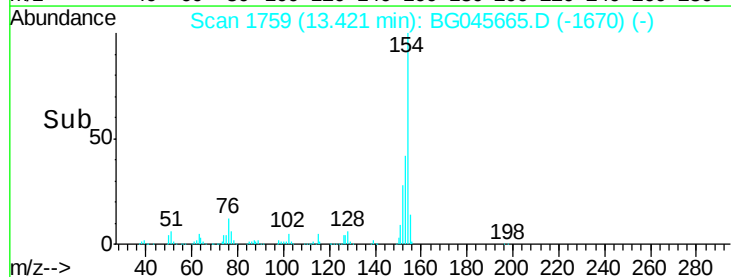
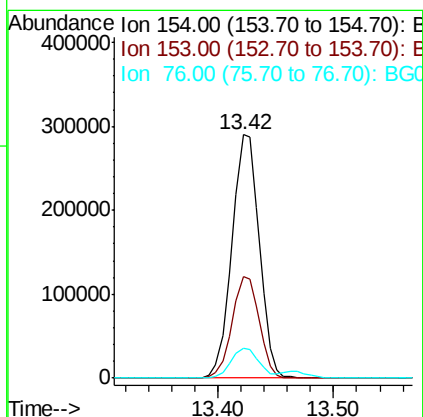
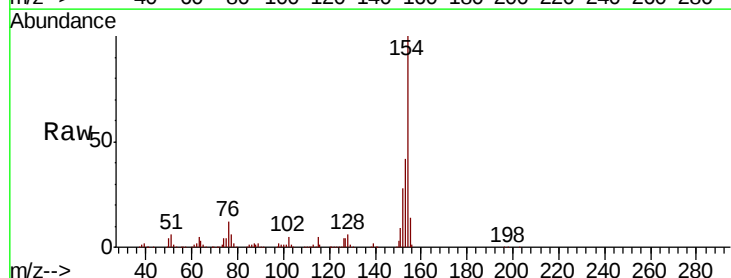
Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:172 Resp: 854012
Ion Ratio Lower Upper
172 100
171 36.5 29.5 44.3
170 23.4 18.5 27.7



#46
1,1'-Biphenyl
Concen: 41.747 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:154 Resp: 475938
Ion Ratio Lower Upper
154 100
153 41.7 22.2 62.2
76 12.2 0.0 32.4

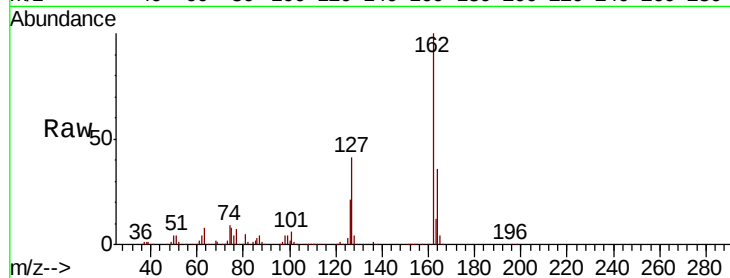




#47
 2-Chloronaphthalene
 Concen: 38.937 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	31.6	47.4
164	35.8	28.1	42.1

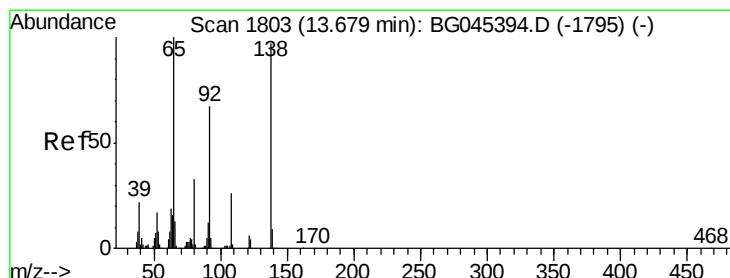
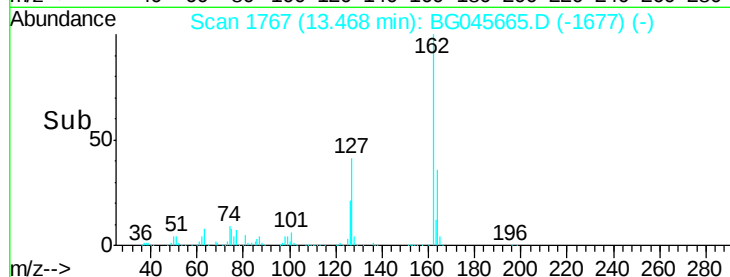
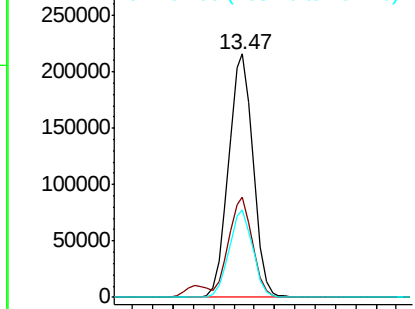


Abundance

Ion 162.00 (161.70 to 162.70): E

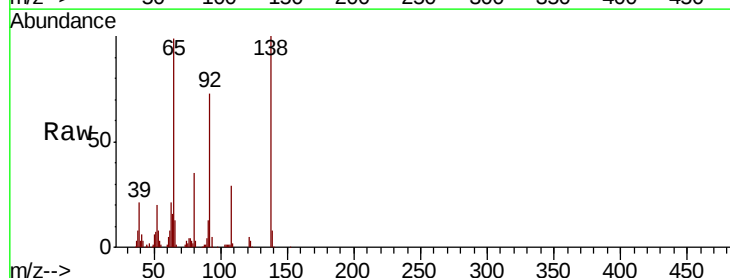
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.142 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.4	53.8	80.8
138	100.5	77.9	116.9

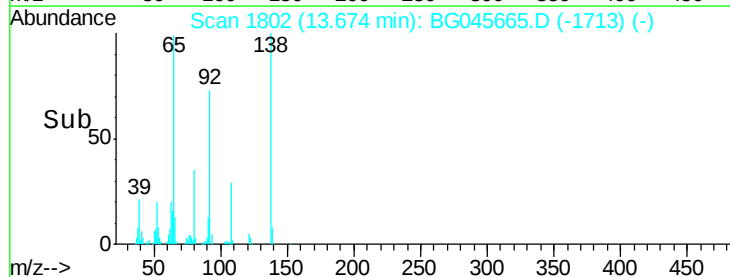
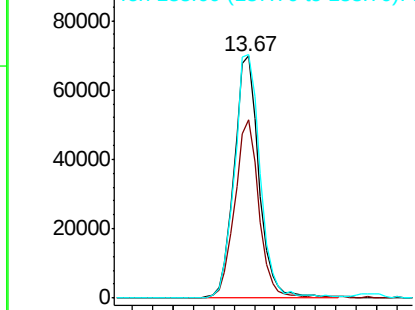


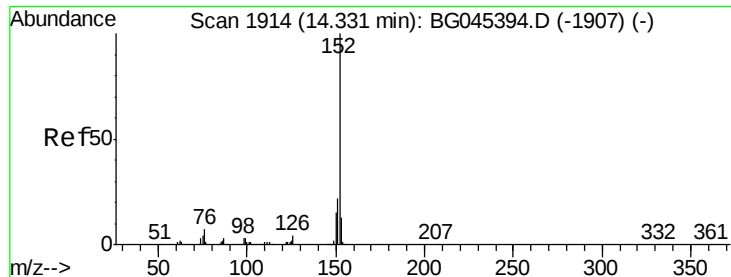
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.488 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

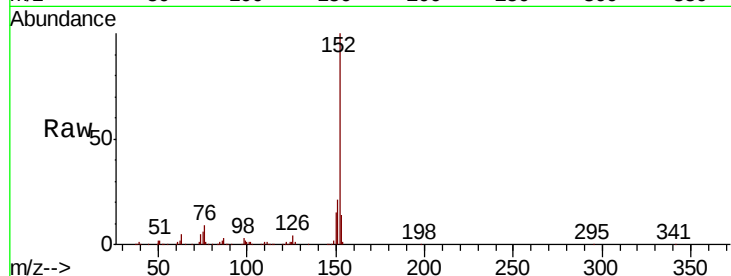
Tot Ion:152 Resp: 602071

Ion Ratio Lower Upper

152 100

151 20.7 17.4 26.2

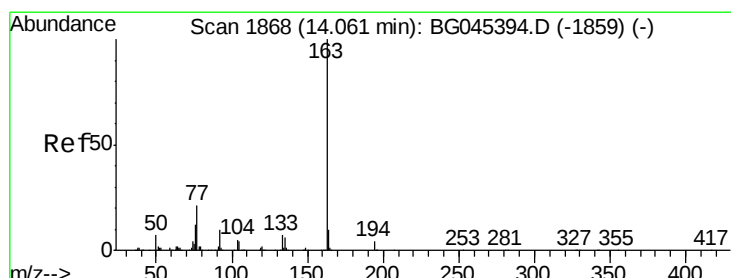
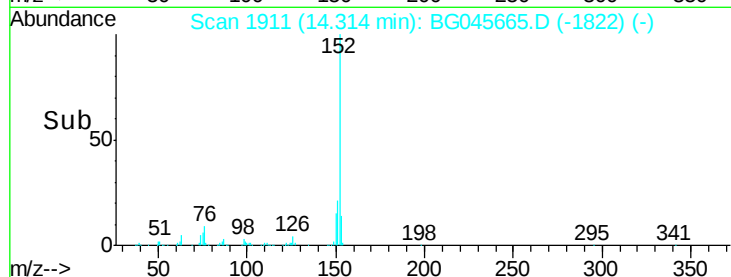
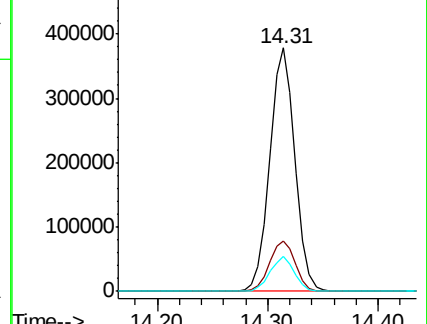
153 14.2 10.7 16.1



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: 46.463 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

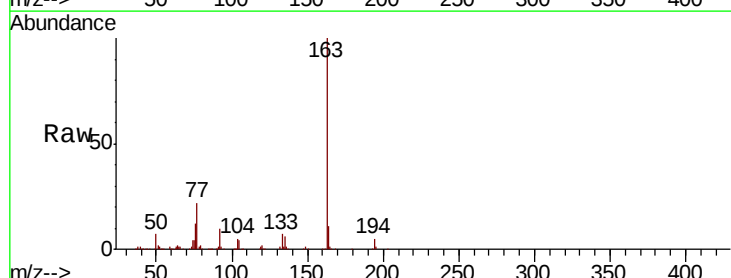
Tgt Ion:163 Resp: 591383

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

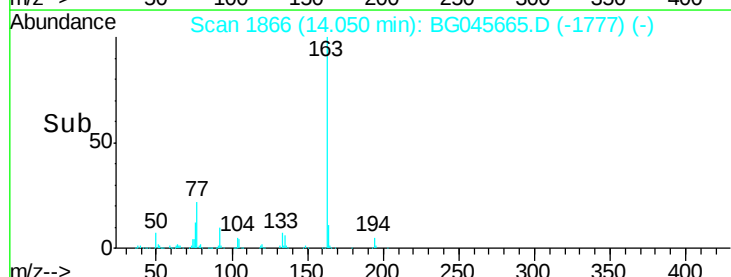
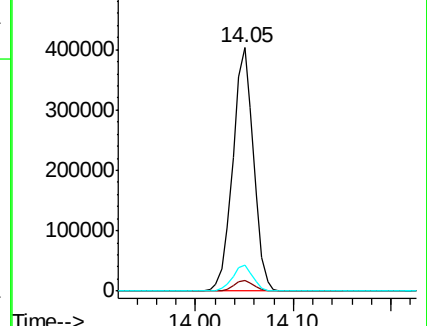
164 10.9 8.3 12.5

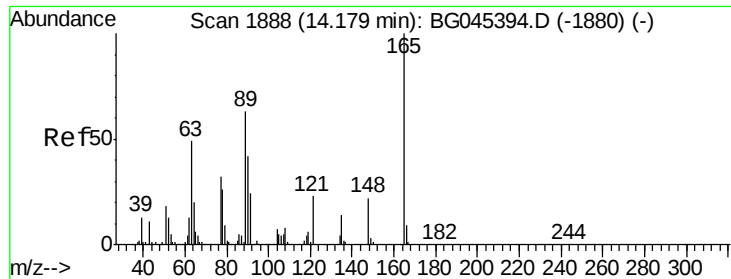


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

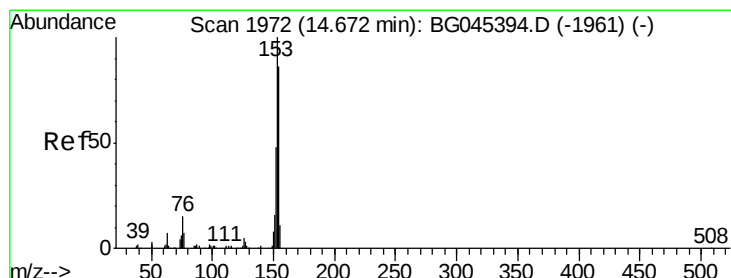
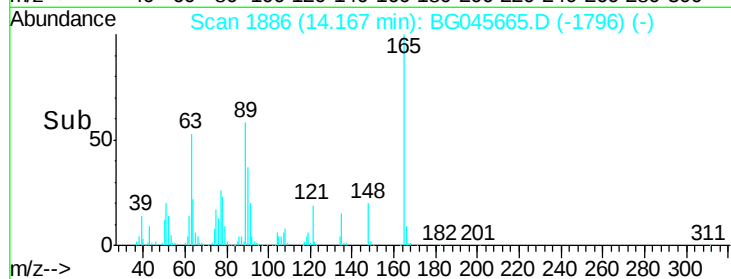
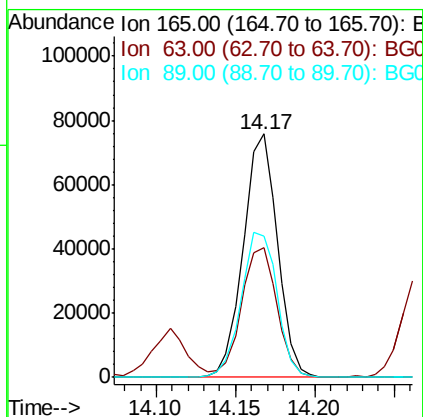
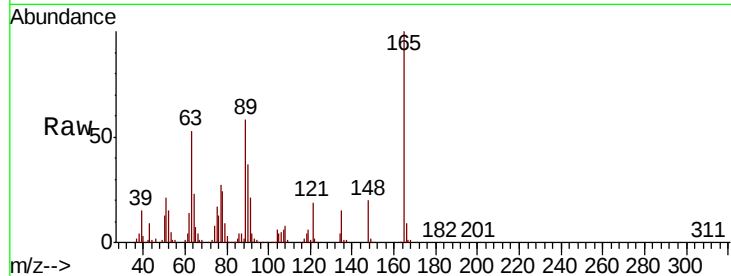




#51
 2,6-Dinitrotoluene
 Concen: 39.485 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

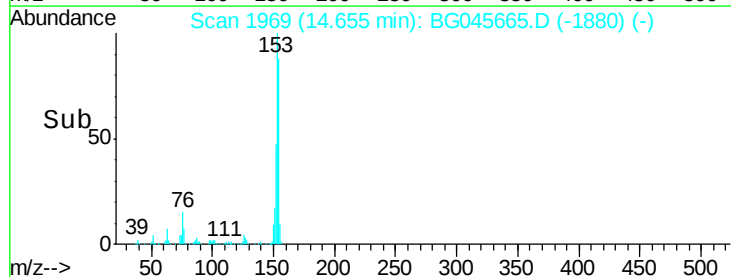
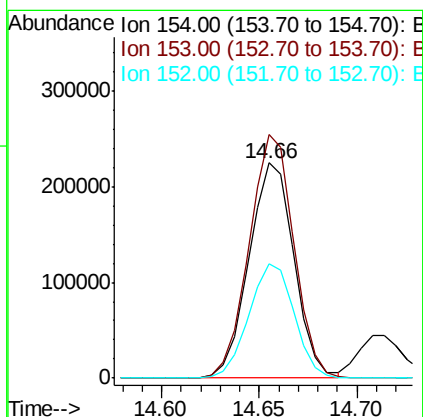
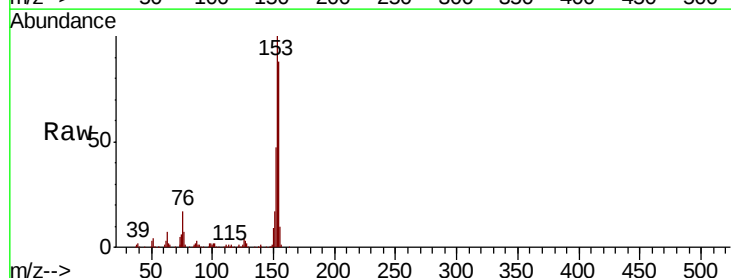
Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

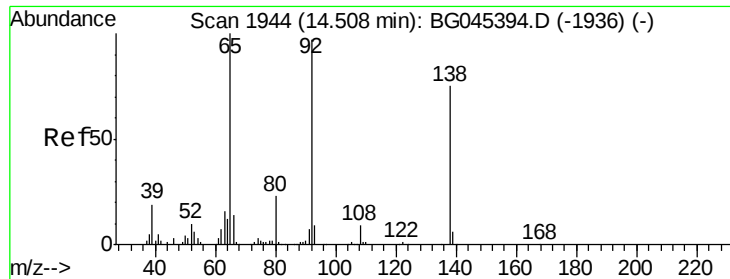
Tot Ion:165 Resp: 113403
 Ion Ratio Lower Upper
 165 100
 63 53.3 45.0 67.4
 89 57.8 50.2 75.4



#52
 Acenaphthene
 Concen: 36.107 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion:154 Resp: 359407
 Ion Ratio Lower Upper
 154 100
 153 113.1 92.8 139.2
 152 53.3 44.6 66.8





#53

3-Nitroaniline

Concen: 12.165 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

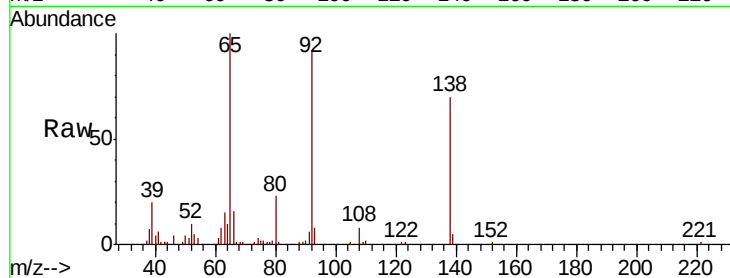
Tot Ion:138 Resp: 35518

Ion Ratio Lower Upper

138 100

108 11.4 9.8 14.6

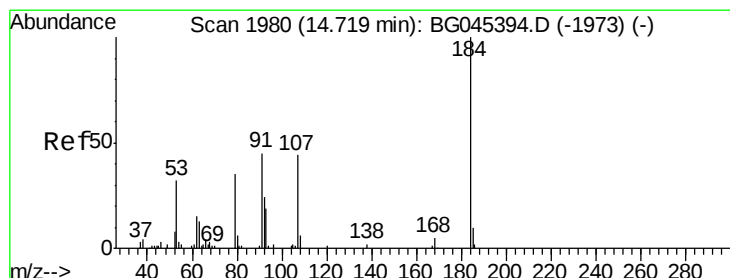
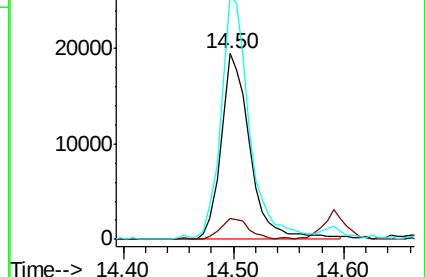
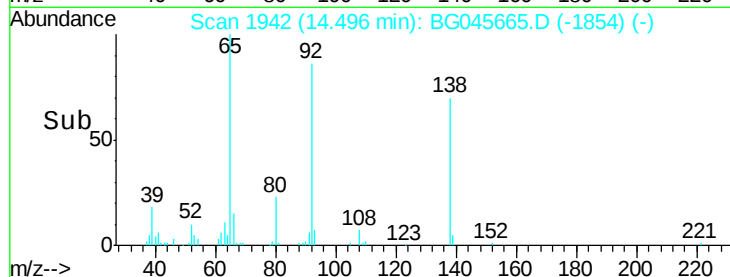
92 131.3 103.0 154.4



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): E



#54

2,4-Dinitrophenol

Concen: 63.754 ng

RT: 14.71 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

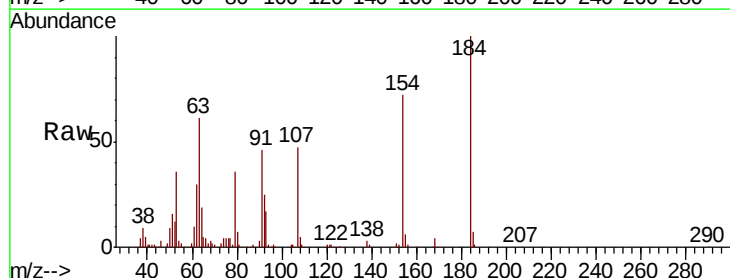
Tgt Ion:184 Resp: 117709

Ion Ratio Lower Upper

184 100

63 60.8 47.8 71.6

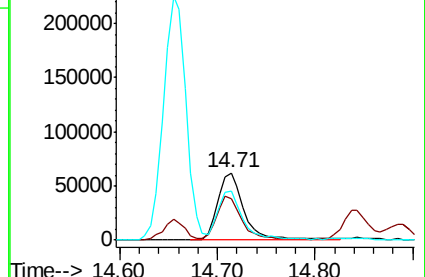
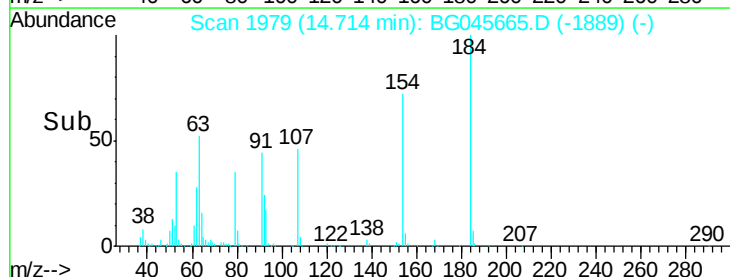
154 72.4 58.3 87.5

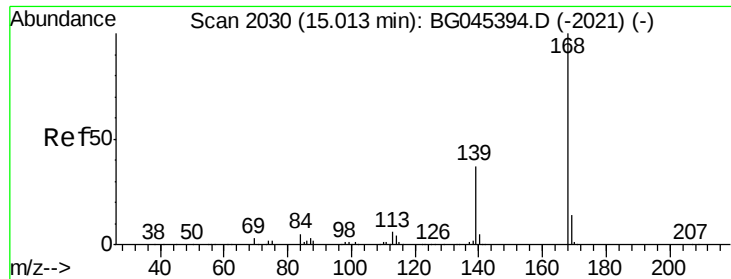


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E

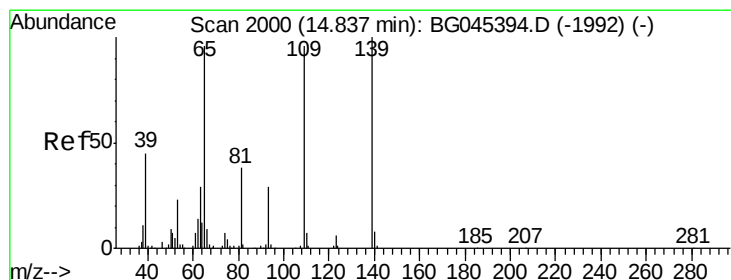
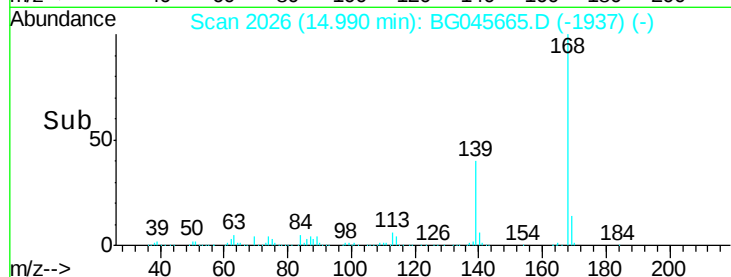
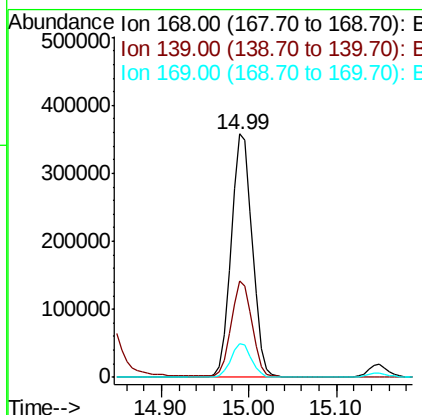
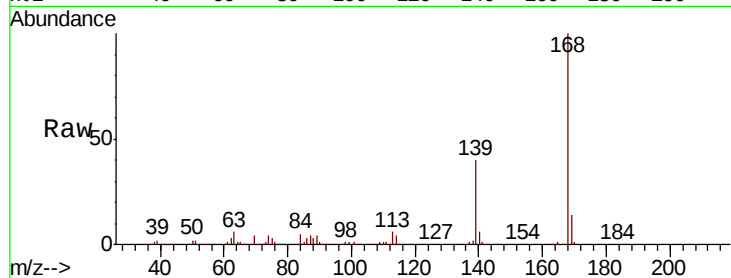




#55
Dibenzofuran
Concen: 39.504 ng
RT: 14.99 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

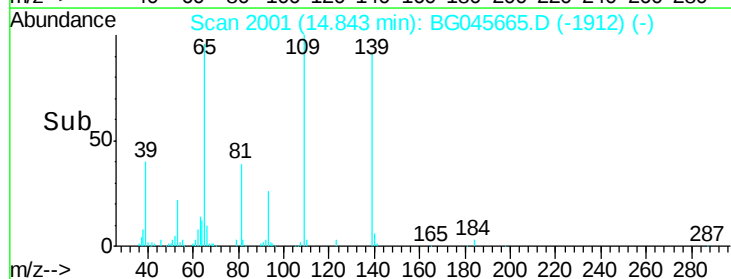
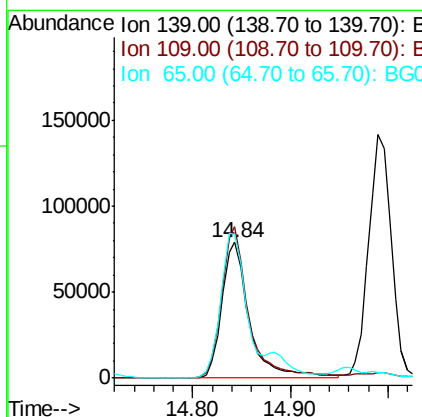
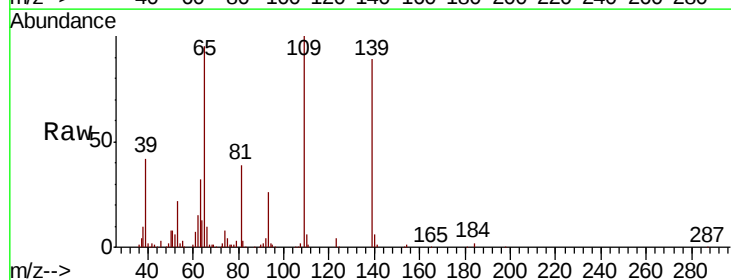
Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	29.9	44.9
169	13.7	10.9	16.3



#56
4-Nitrophenol
Concen: 69.834 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	111.9	75.6	115.6
65	105.9	76.8	116.8

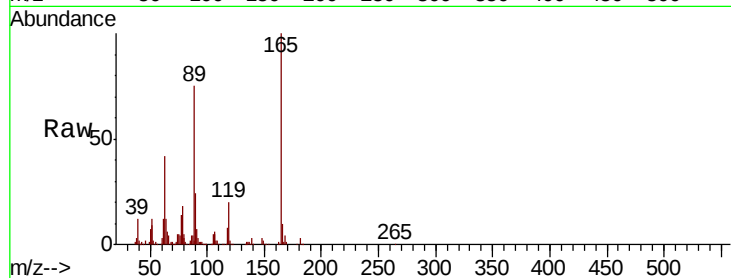




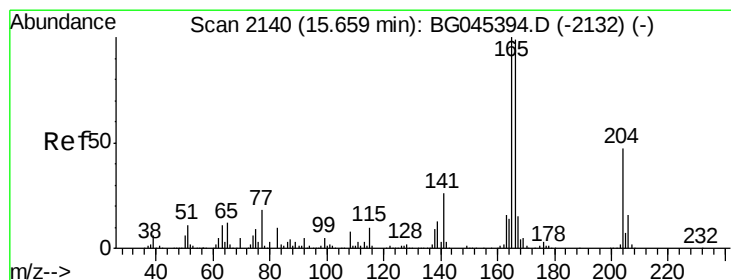
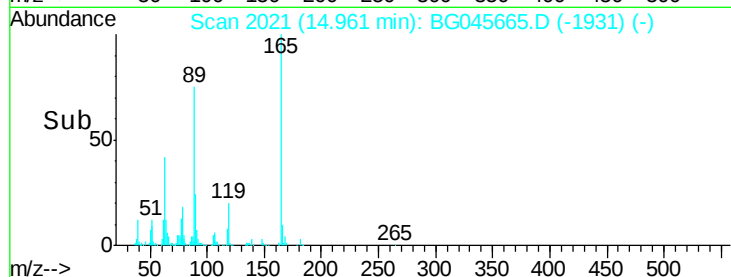
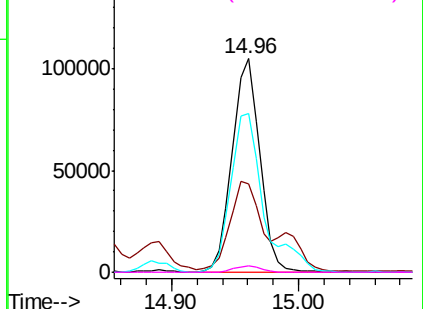
#57
2,4-Dinitrotoluene
Concen: 38.191 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:165 Resp: 158856
Ion Ratio Lower Upper
165 100
63 41.6 32.5 48.7
89 74.6 61.8 92.6
182 2.8 2.3 3.5

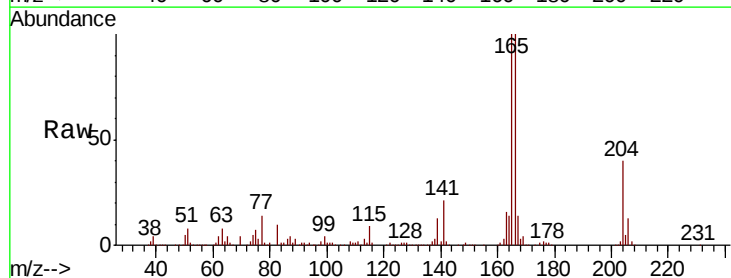


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

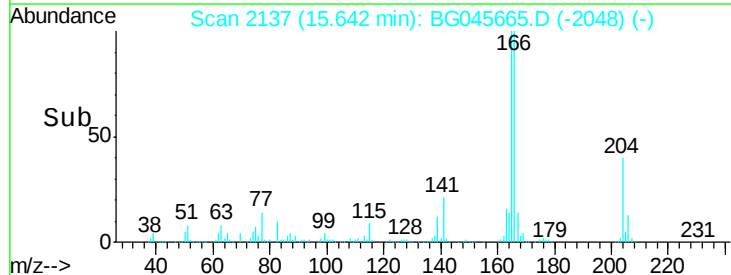
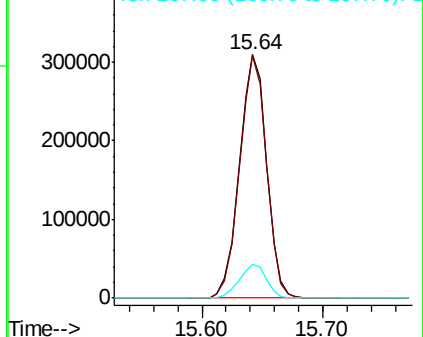


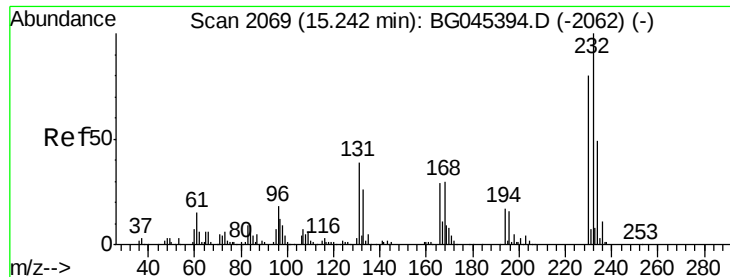
#58
Fluorene
Concen: 39.951 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:166 Resp: 485164
Ion Ratio Lower Upper
166 100
165 99.8 80.8 121.2
167 13.7 12.0 18.0



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

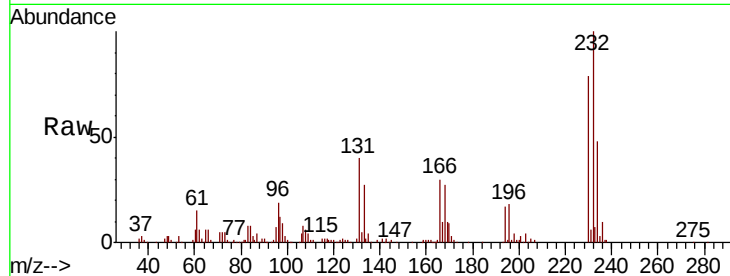




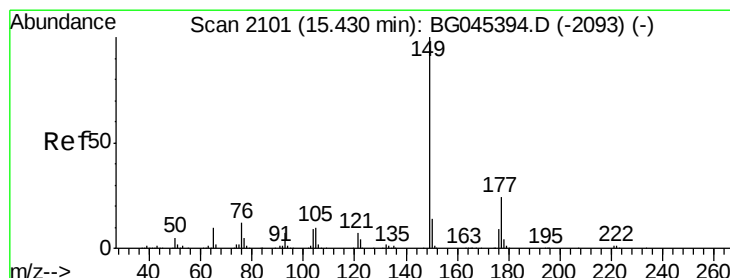
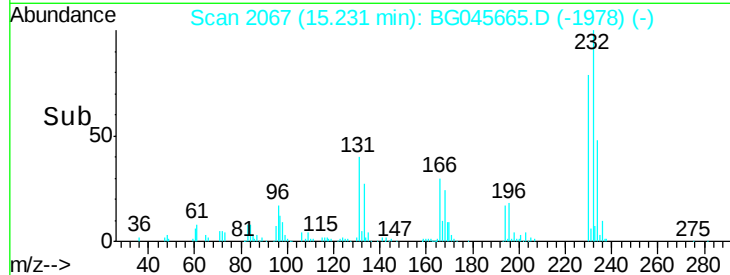
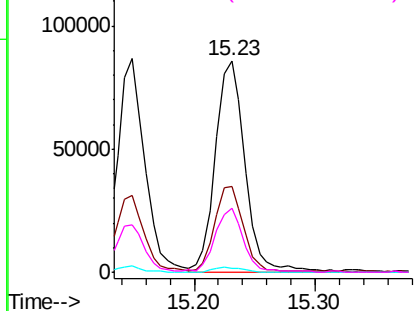
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.334 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion:232 Resp: 145983
 Ion Ratio Lower Upper
 232 100
 131 38.7 33.7 50.5
 130 2.4 2.1 3.1
 166 28.2 23.2 34.8

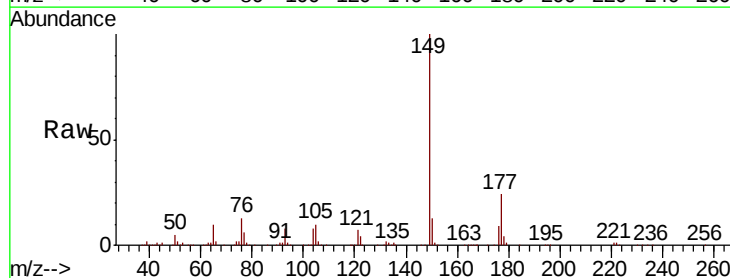


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

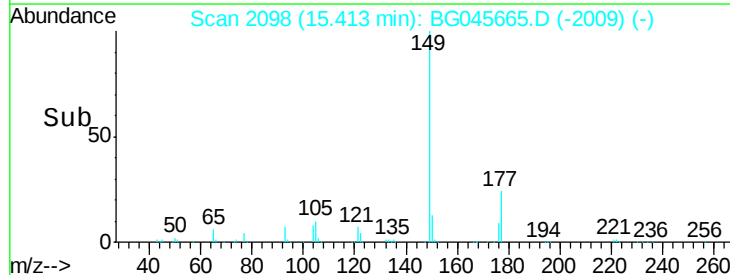
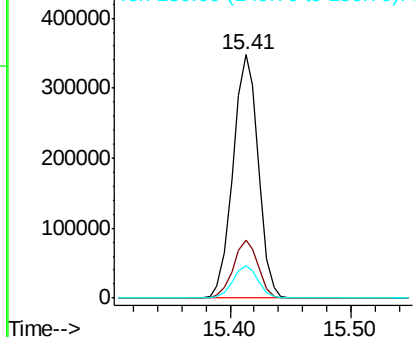


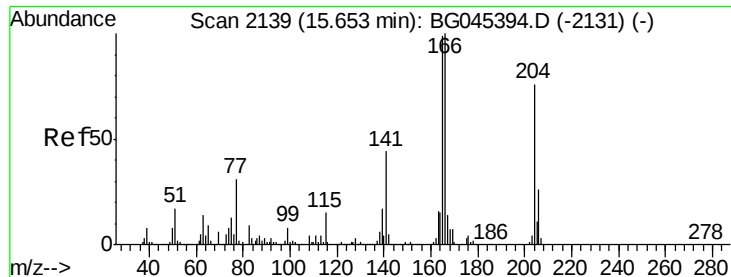
#60
 Diethylphthalate
 Concen: 38.194 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion:149 Resp: 505987
 Ion Ratio Lower Upper
 149 100
 177 23.7 19.0 28.4
 150 13.1 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

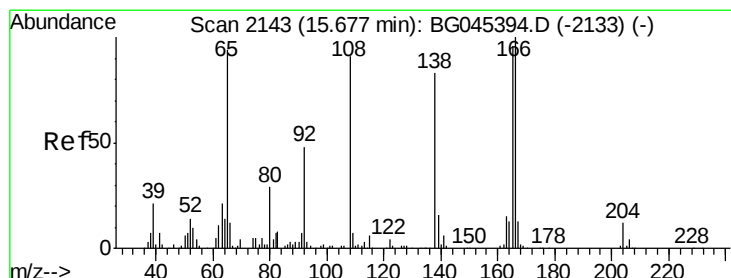
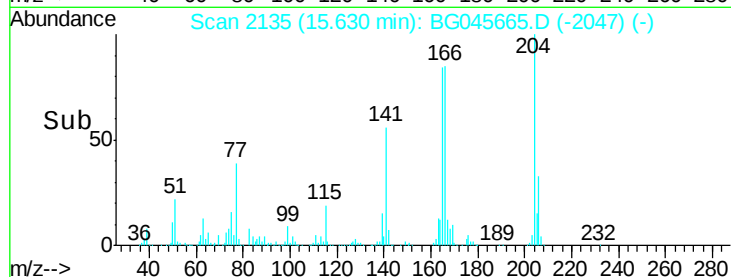
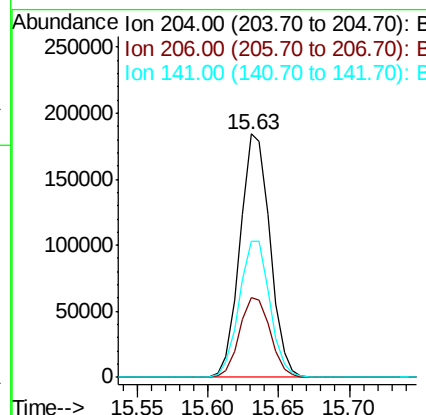
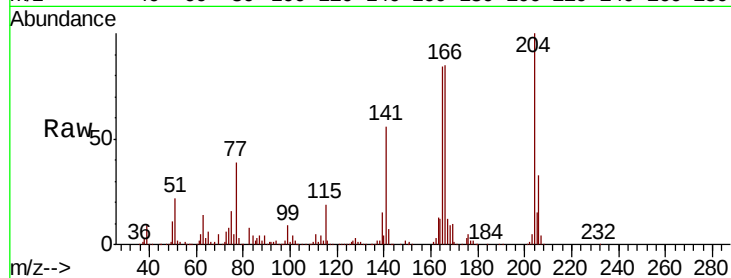




#61
4-Chlorophenyl-phenylether
Concen: 39.159 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

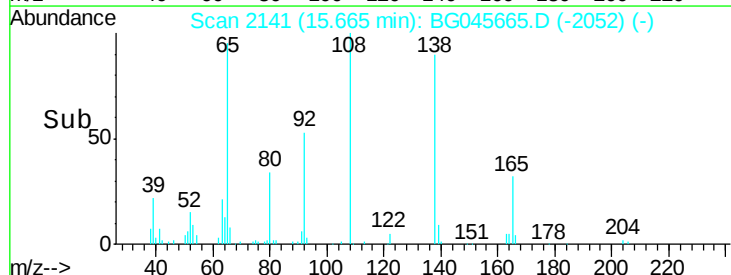
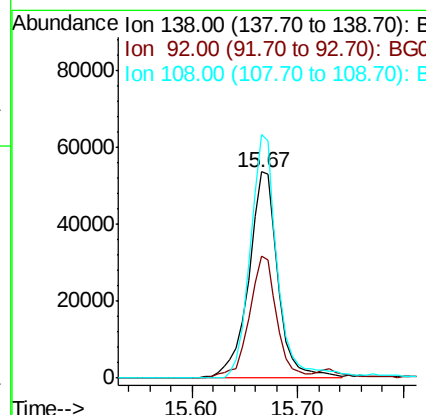
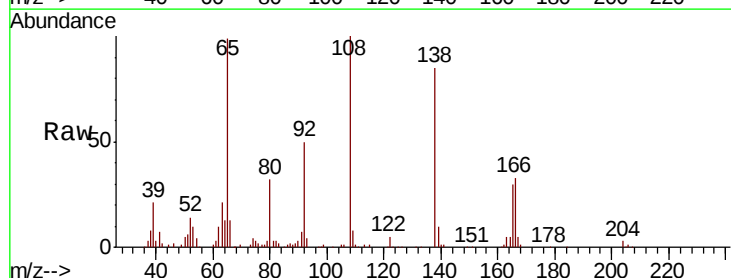
Instrument :
BNA_G
ClientSampled :
SPMSD

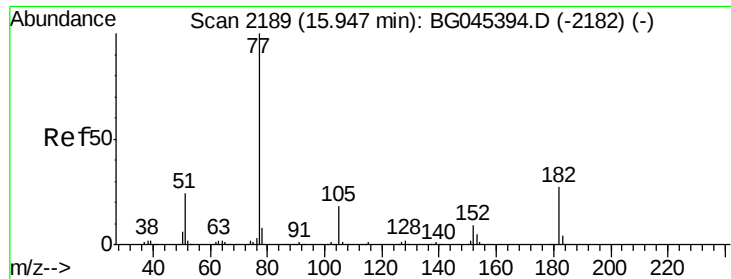
Tot Ion:204 Resp: 272122
Ion Ratio Lower Upper
204 100
206 32.9 27.3 40.9
141 55.9 45.9 68.9



#62
4-Nitroaniline
Concen: 34.077 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:138 Resp: 103866
Ion Ratio Lower Upper
138 100
92 59.0 38.0 78.0
108 118.0 89.3 129.3





#63

Azobenzene

Concen: 40.141 ng

RT: 15.92 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

Tot Ion: 77 Resp: 495849

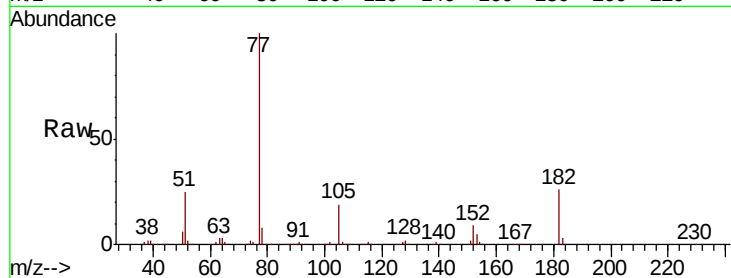
Ion Ratio Lower Upper

77 100

182 26.3 6.5 46.5

105 18.8 0.0 37.9

51 24.8 4.1 44.1

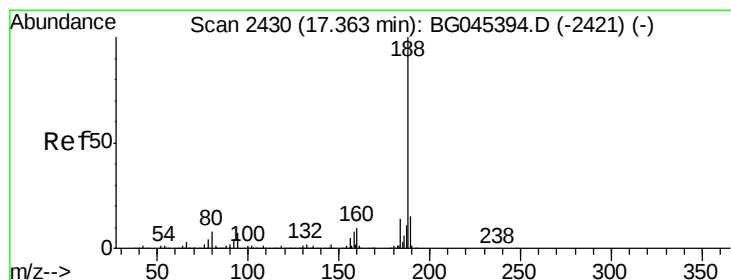
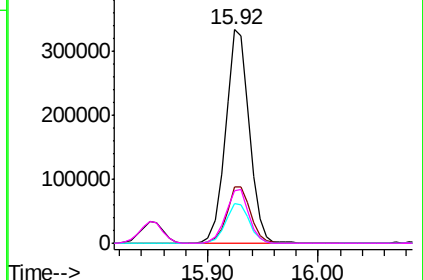
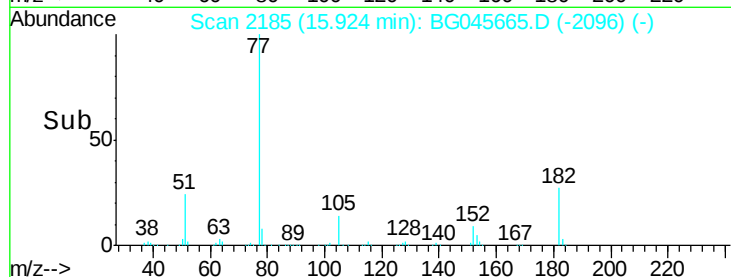


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.34 min Scan# 2426

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

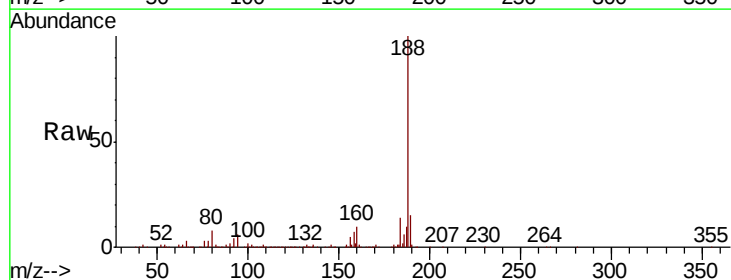
Tgt Ion: 188 Resp: 434279

Ion Ratio Lower Upper

188 100

94 6.4 5.5 8.3

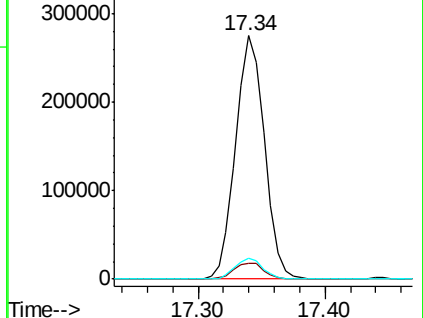
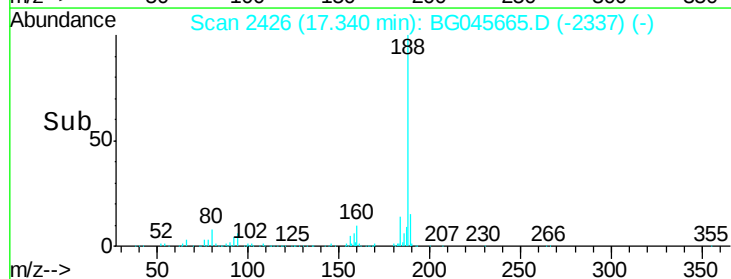
80 8.3 6.6 10.0

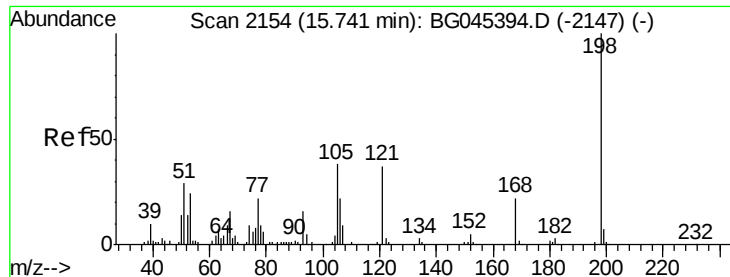


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

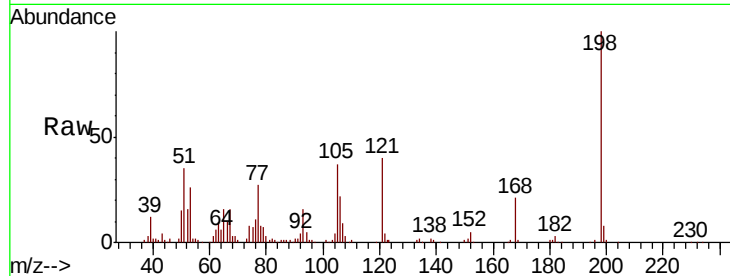




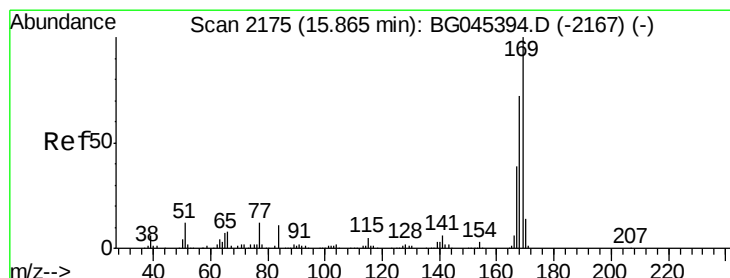
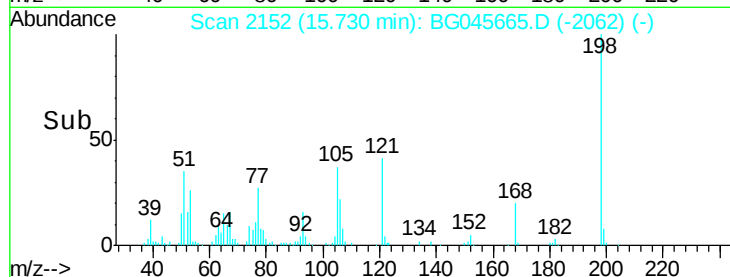
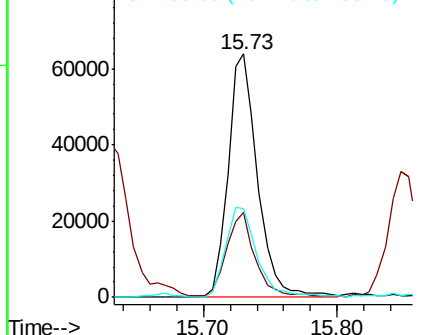
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.796 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Instrument :
 BNA_G
 ClientSampleId :
 SPMSD

Tot Ion:198 Resp: 98124
 Ion Ratio Lower Upper
 198 100
 51 35.1 10.0 50.0
 105 36.6 18.9 58.9

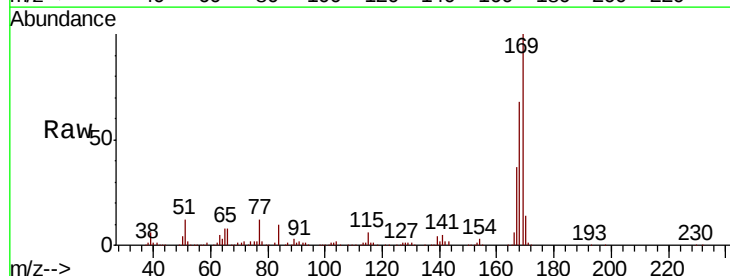


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

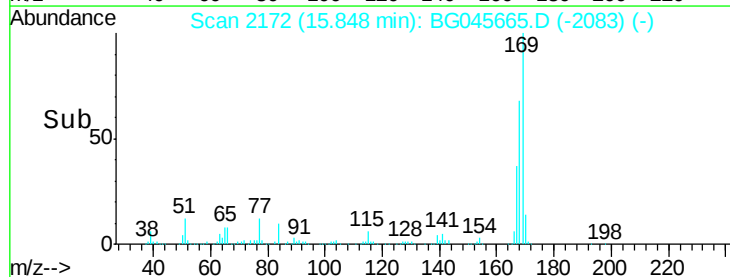
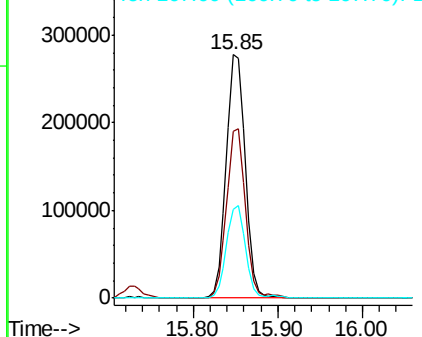


#66
 n-Nitrosodiphenylamine
 Concen: 41.142 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: BG045665.D
 Acq: 9 Jun 2020 15:46

Tgt Ion:169 Resp: 428991
 Ion Ratio Lower Upper
 169 100
 168 68.4 57.8 86.6
 167 36.7 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

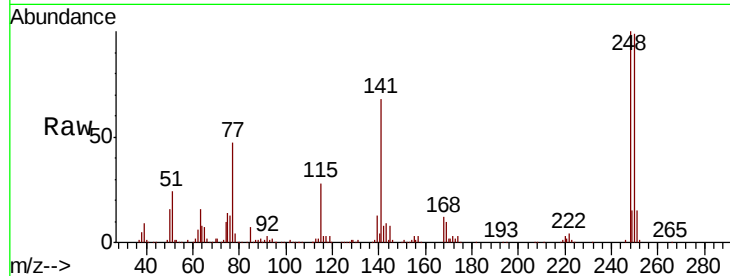




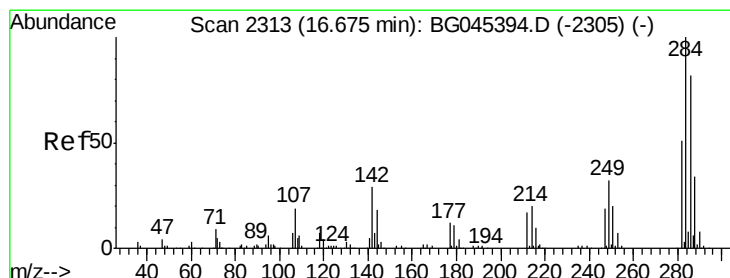
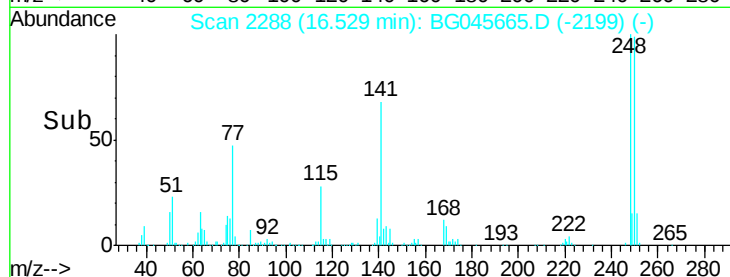
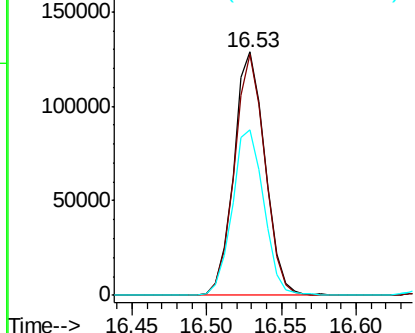
#67
4-Bromophenyl-phenylether
Concen: 39.953 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:248 Resp: 187881
Ion Ratio Lower Upper
248 100
250 98.8 78.6 117.8
141 68.1 58.2 87.2

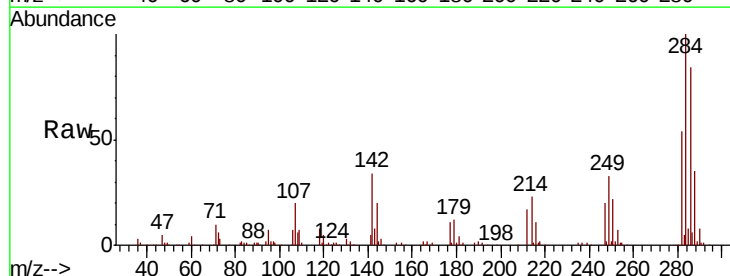


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

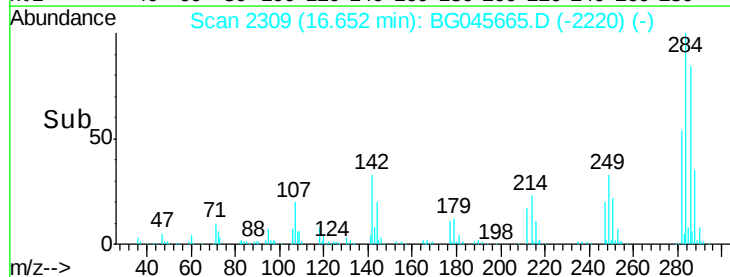
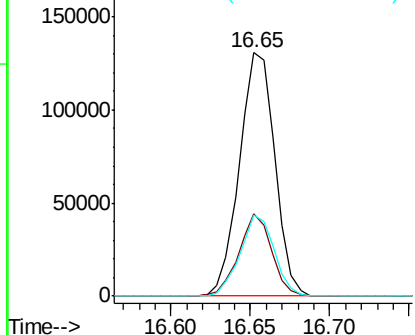


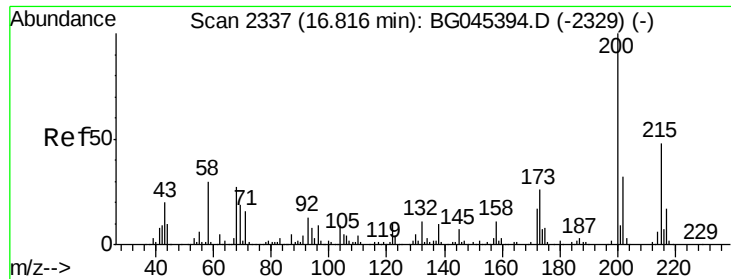
#68
Hexachlorobenzene
Concen: 41.227 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.00 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:284 Resp: 202774
Ion Ratio Lower Upper
284 100
142 33.6 23.0 34.6
249 33.4 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: 38.815 ng

RT: 16.81 min Scan# 2335

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

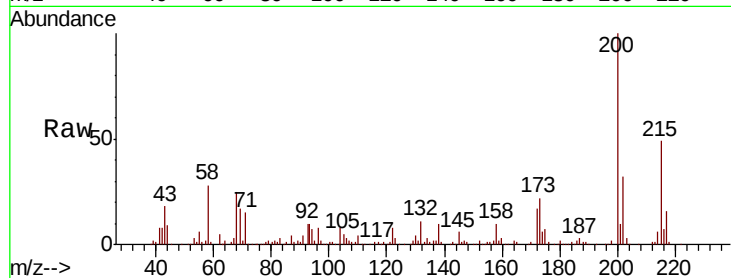
Tot Ion:200 Resp: 166700

Ion Ratio Lower Upper

200 100

173 21.9 5.5 45.5

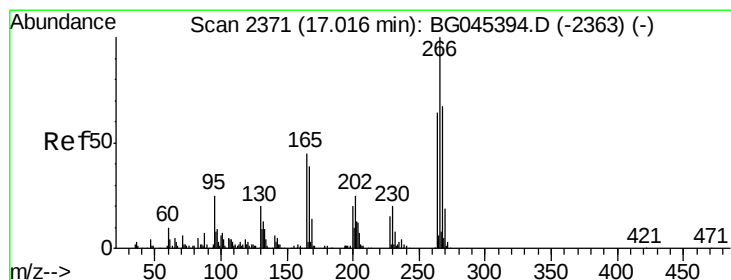
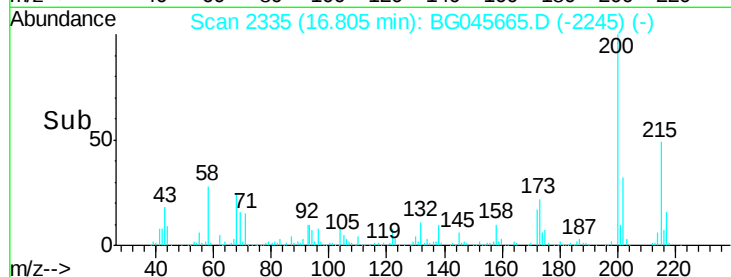
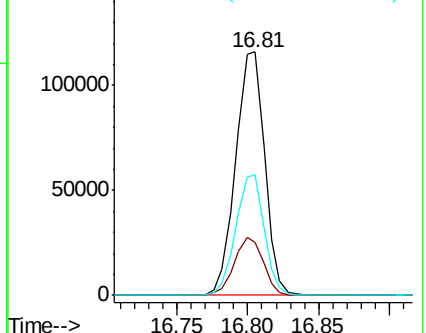
215 49.5 28.2 68.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 75.918 ng

RT: 17.00 min Scan# 2369

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

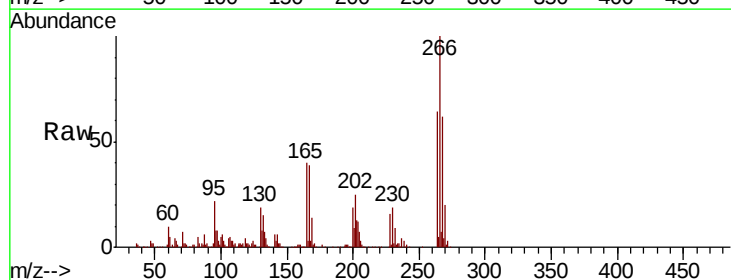
Tgt Ion:266 Resp: 193885

Ion Ratio Lower Upper

266 100

268 62.1 53.2 79.8

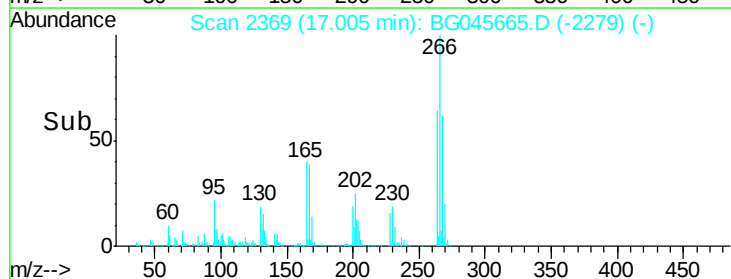
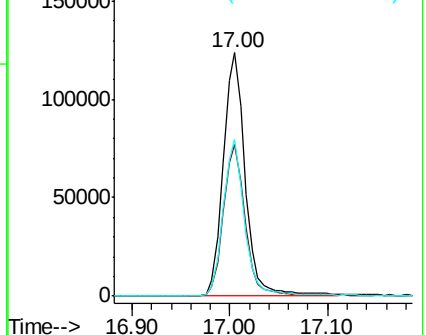
264 64.5 51.0 76.4

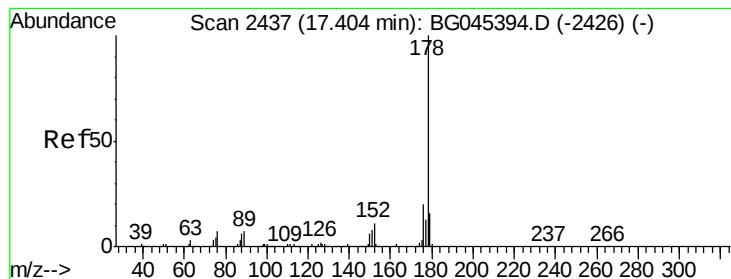


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.641 ng

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

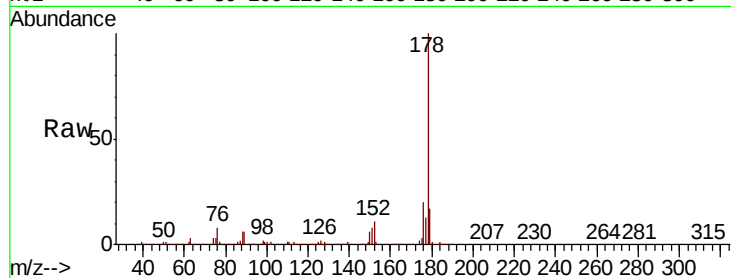
Tot Ion:178 Resp: 770509

Ion Ratio Lower Upper

178 100

176 20.0 16.2 24.4

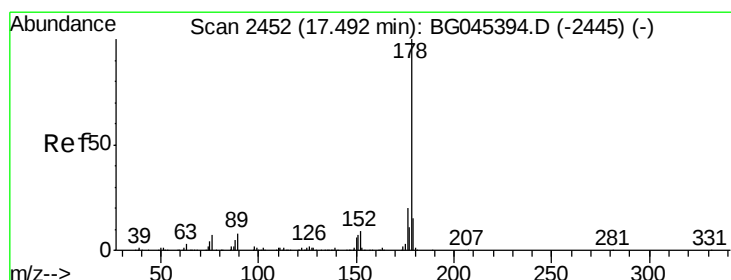
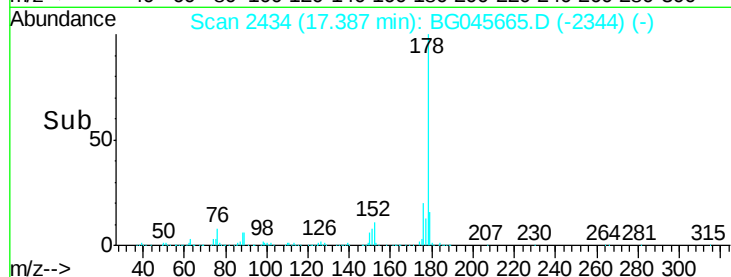
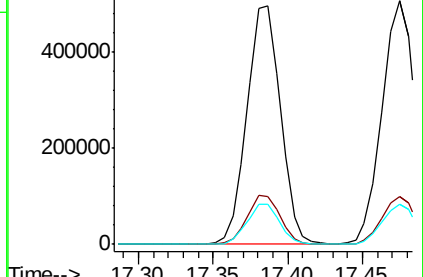
179 16.6 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.482 ng

RT: 17.47 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

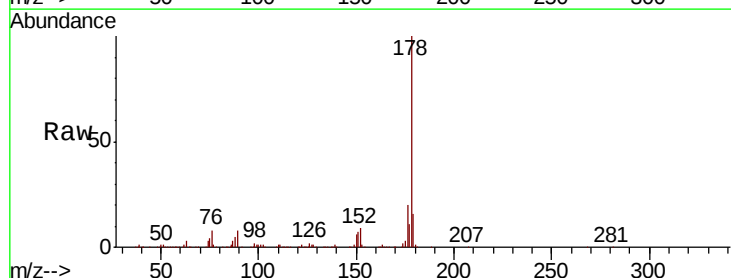
Tgt Ion:178 Resp: 789770

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

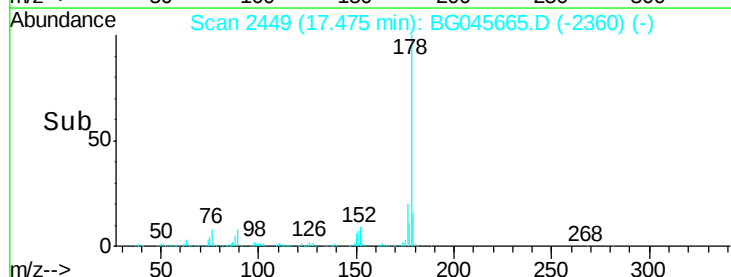
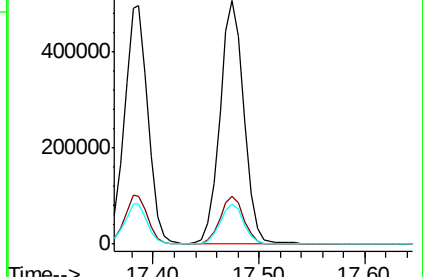
179 16.3 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 38.703 ng

RT: 17.74 min Scan# 2495

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampled :

SPMSD

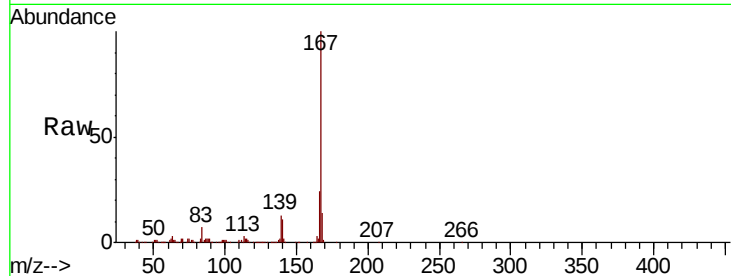
Tot Ion:167 Resp: 718266

Ion Ratio Lower Upper

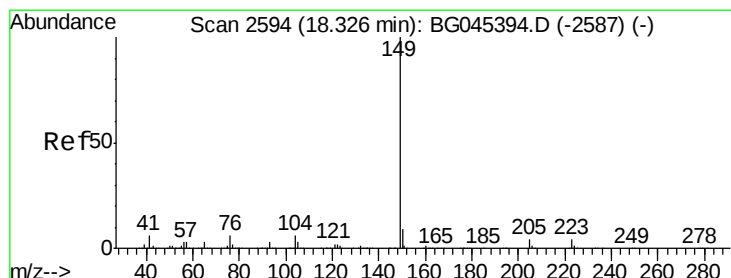
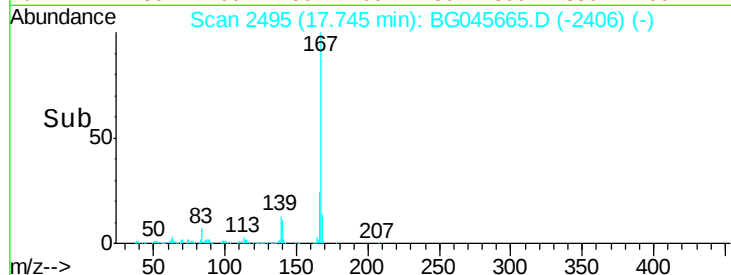
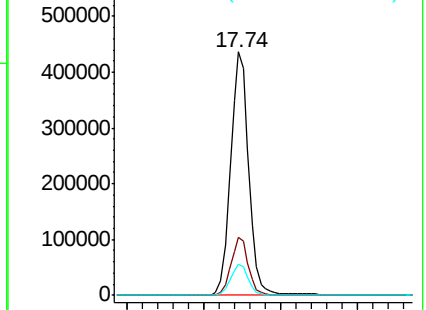
167 100

166 23.6 19.2 28.8

139 12.9 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.726 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

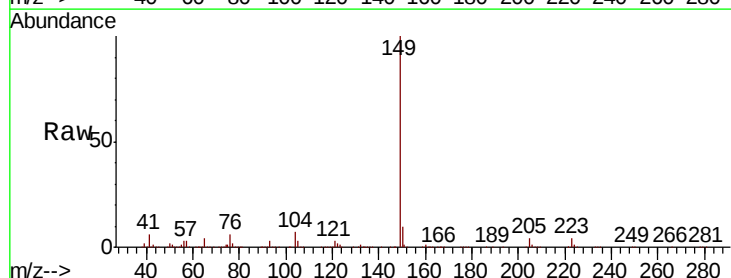
Tgt Ion:149 Resp: 862613

Ion Ratio Lower Upper

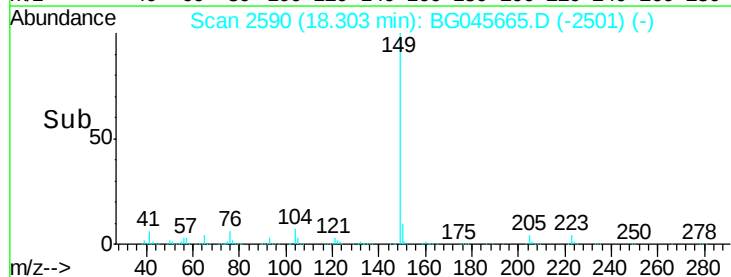
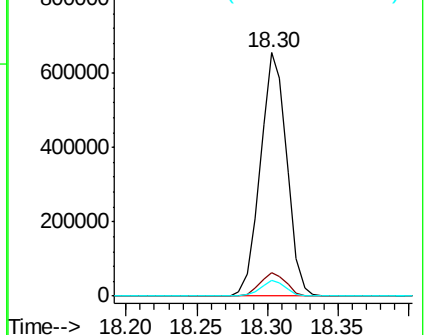
149 100

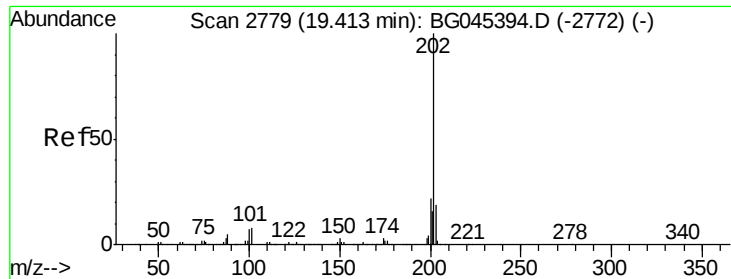
150 9.6 7.6 11.4

104 6.5 5.0 7.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.752 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

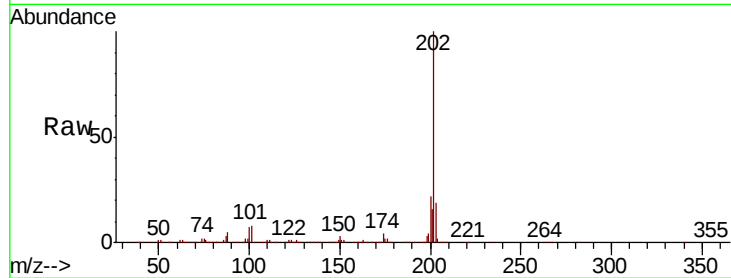
Tot Ion:202 Resp: 958604

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.3

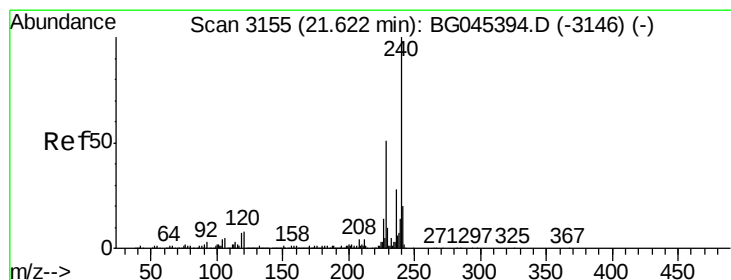
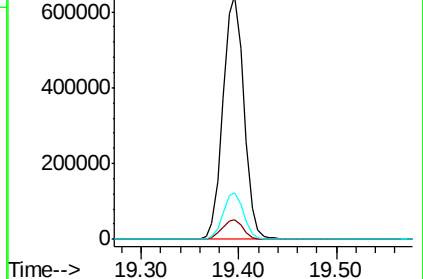
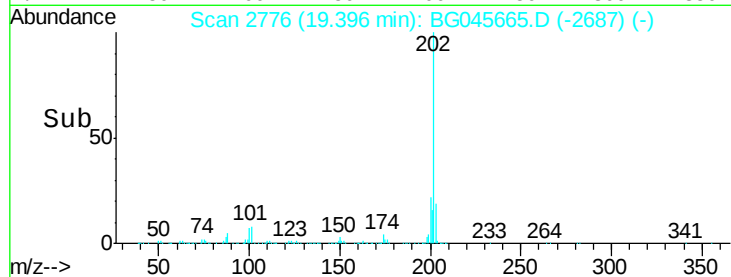
203 19.2 0.0 39.0



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: 21.60 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

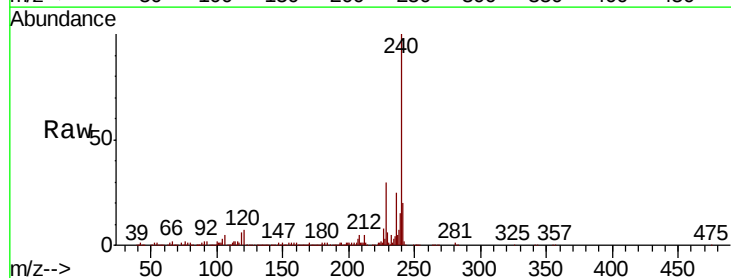
Tgt Ion:240 Resp: 404864

Ion Ratio Lower Upper

240 100

120 6.9 6.1 9.1

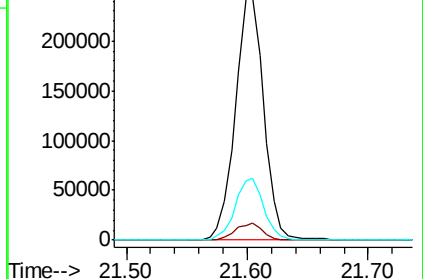
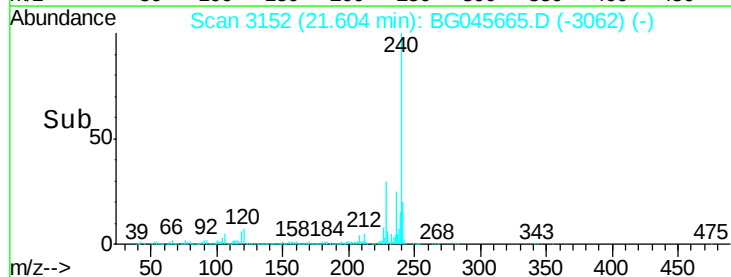
236 25.2 22.3 33.5

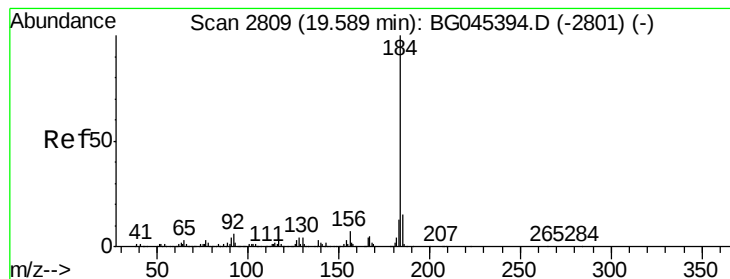


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 19.726 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

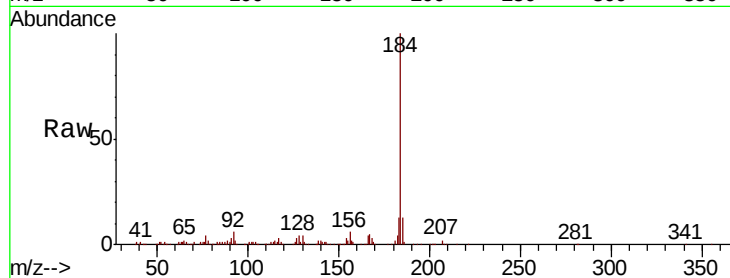
Tot Ion:184 Resp: 224300

Ion Ratio Lower Upper

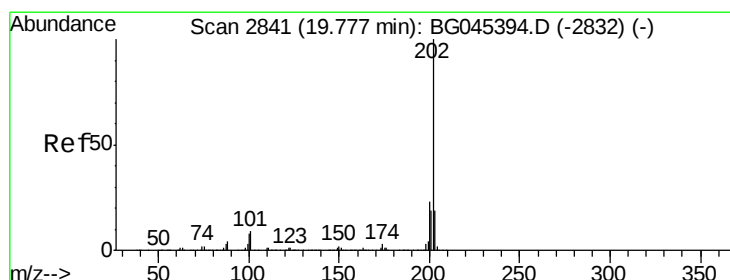
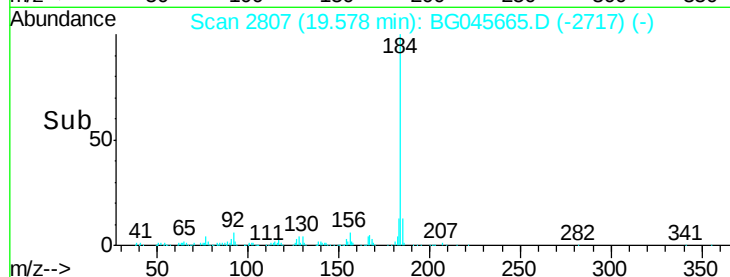
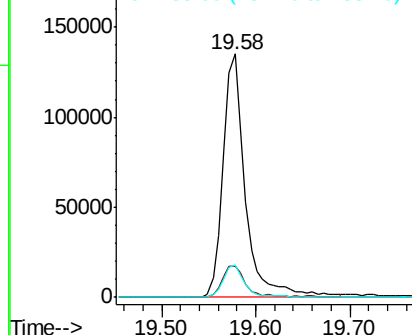
184 100

185 13.0 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: 41.162 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

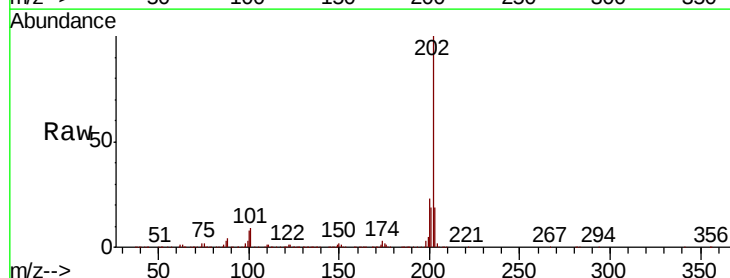
Tgt Ion:202 Resp: 949976

Ion Ratio Lower Upper

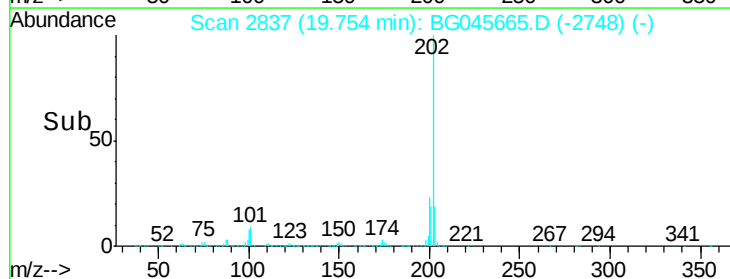
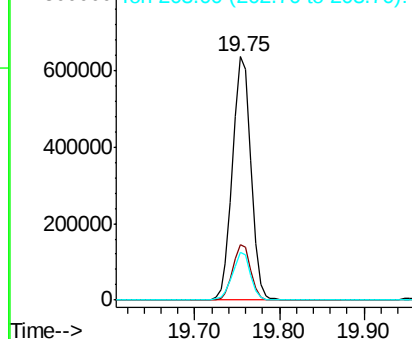
202 100

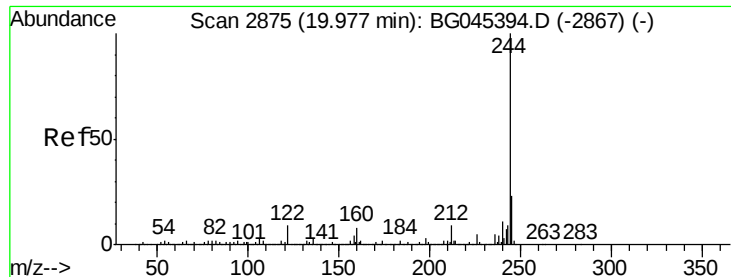
200 22.6 18.2 27.2

203 19.4 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: 81.601 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

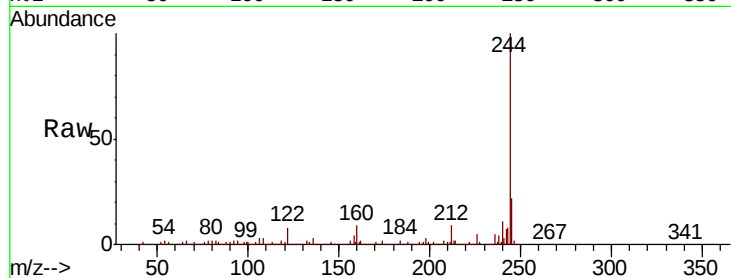
Tot Ion:244 Resp: 1416520

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.0
122	7.9	6.8	10.2

244 100

212 8.6 7.4 11.0

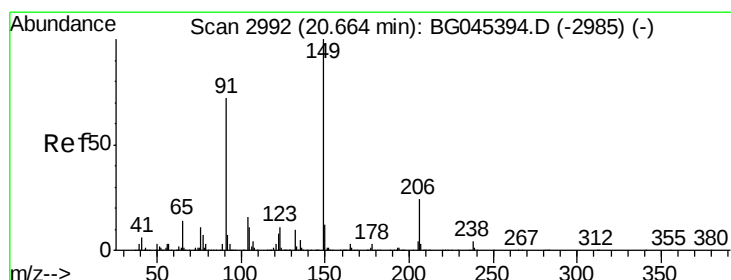
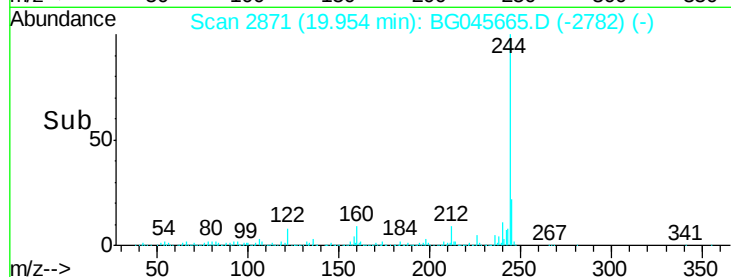
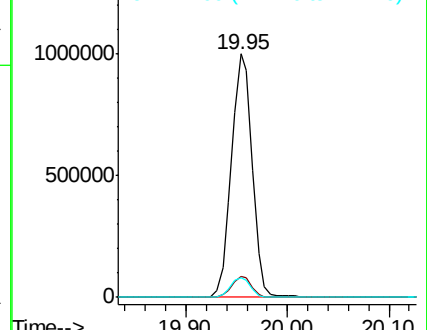
122 7.9 6.8 10.2



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: 38.308 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

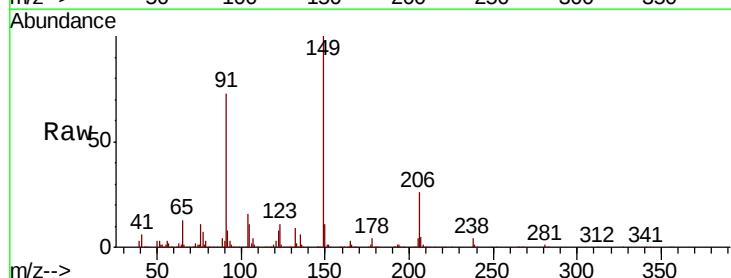
Tgt Ion:149 Resp: 381613

Ion	Ratio	Lower	Upper
149	100		
91	72.6	57.8	86.6
206	25.7	19.1	28.7

149 100

91 72.6 57.8 86.6

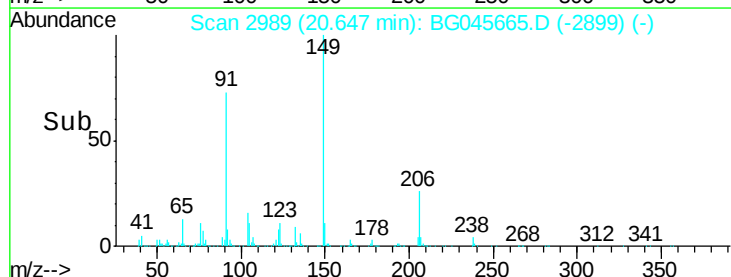
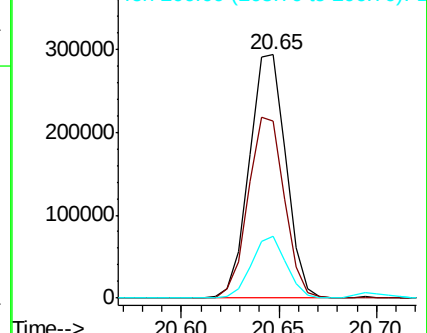
206 25.7 19.1 28.7

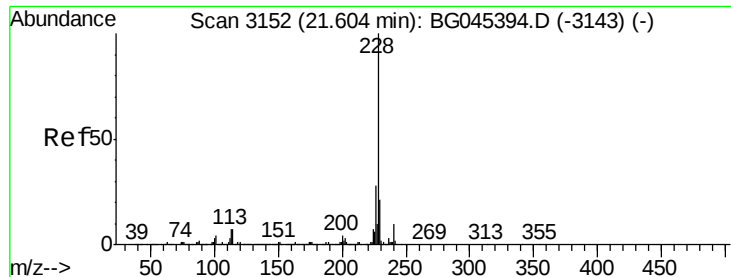


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.629 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

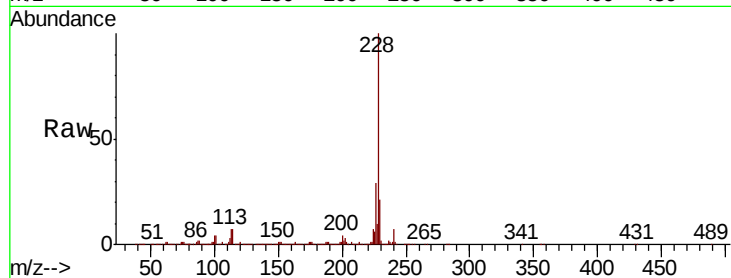
Tot Ion:228 Resp: 916331

Ion Ratio Lower Upper

228 100

226 29.3 22.7 34.1

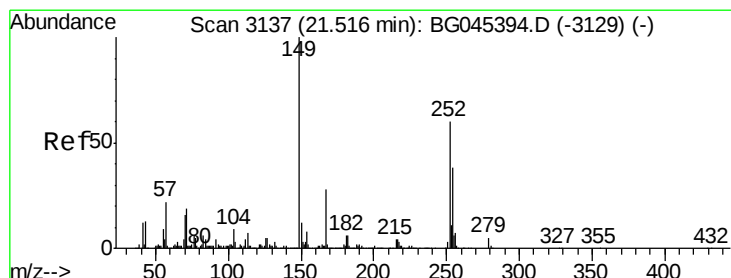
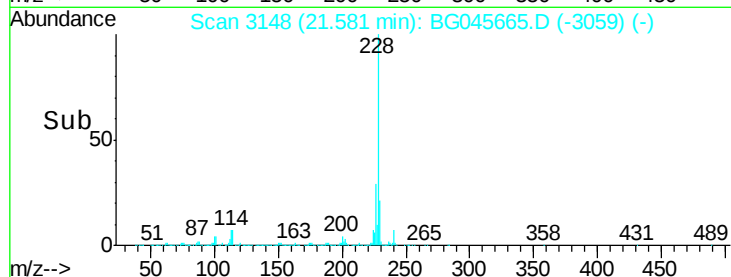
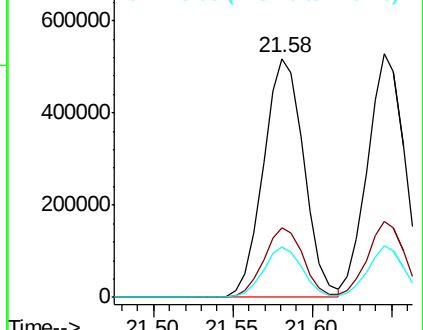
229 20.9 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.884 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

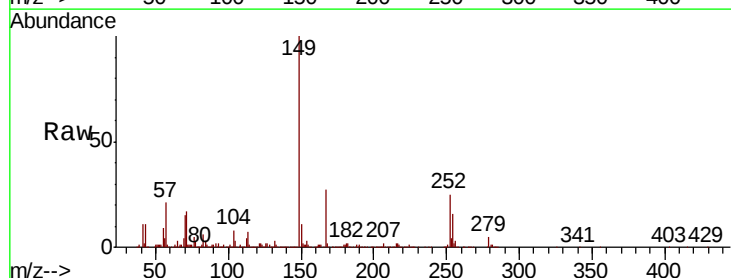
Tgt Ion:252 Resp: 149372

Ion Ratio Lower Upper

252 100

254 64.7 51.3 76.9

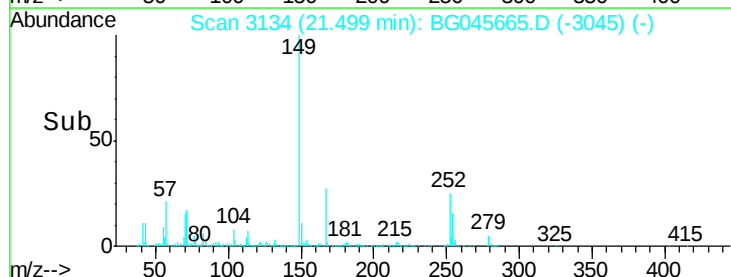
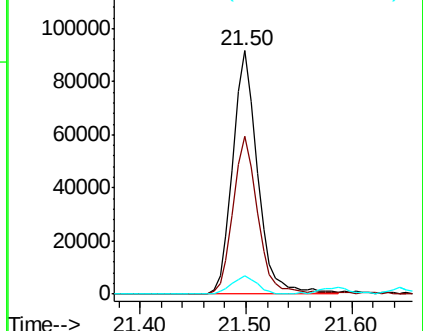
126 7.7 6.6 10.0



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: 39.891 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

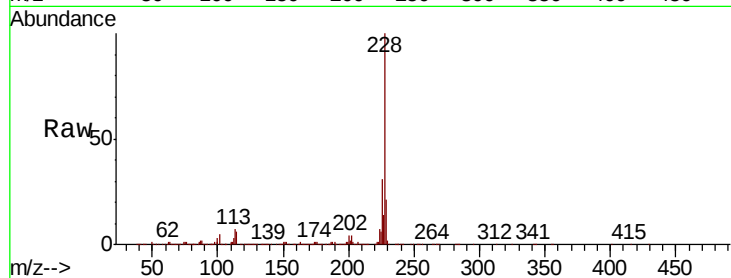
BNA_G

ClientSampleId :

SPMSD

Tot Ion:228 Resp: 865095

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	21.0	16.7	25.1

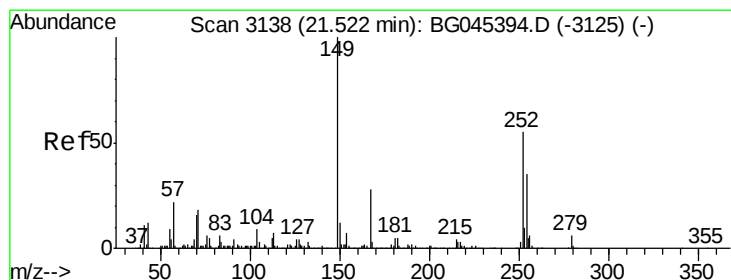
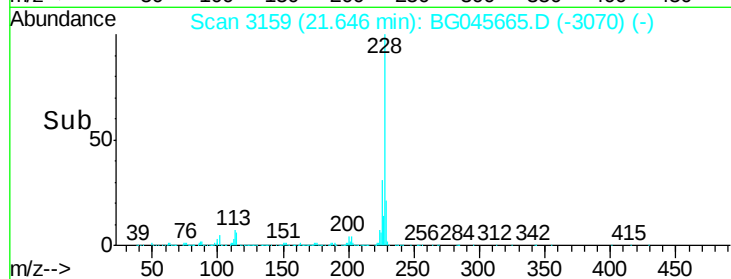
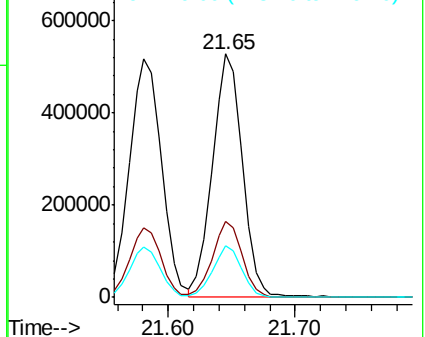


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.104 ng

RT: 21.49 min Scan# 3133

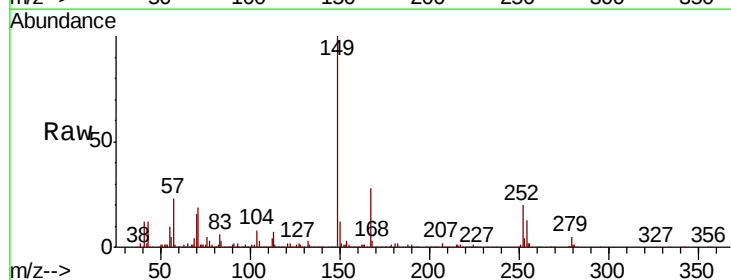
Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Tgt Ion:149 Resp: 535478

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.2
279	5.3	4.7	7.1

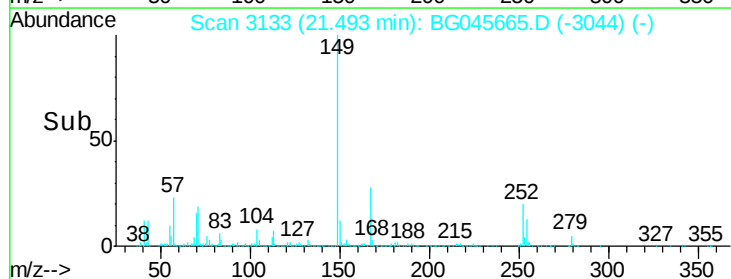
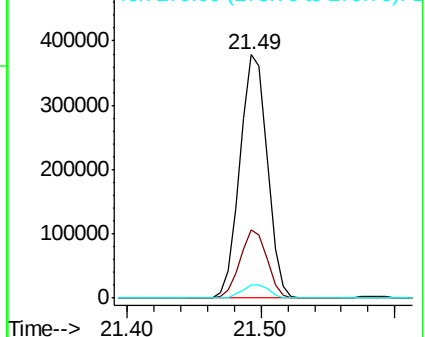


Abundance

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: 38.348 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

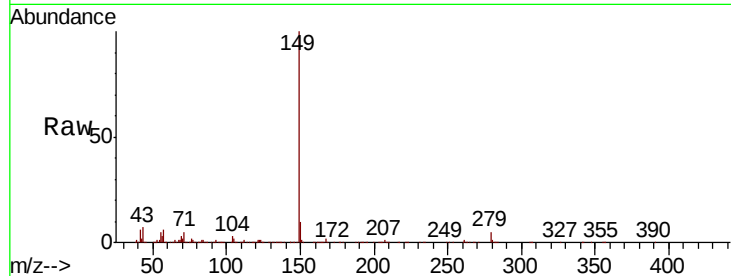
Tot Ion:149 Resp: 901894

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

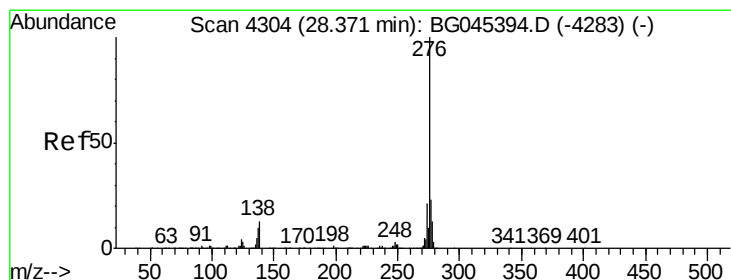
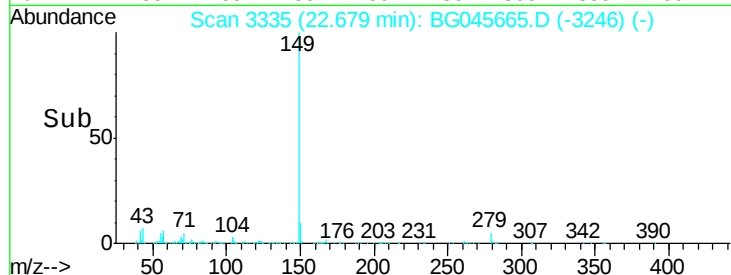
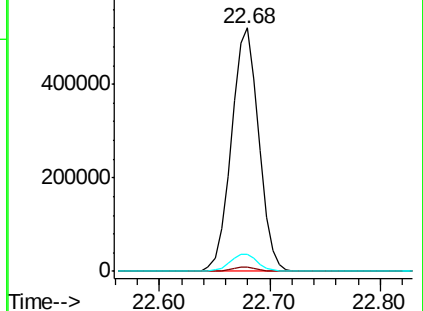
43 7.2 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.961 ng

RT: 28.32 min Scan# 4295

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

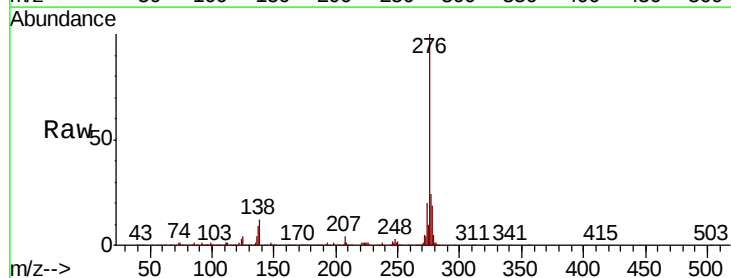
Tgt Ion:276 Resp: 1133247

Ion Ratio Lower Upper

276 100

138 7.9 8.6 12.8#

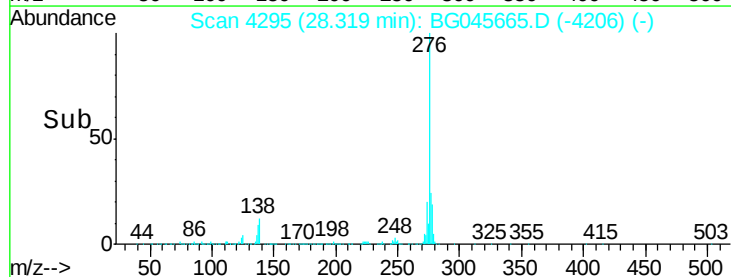
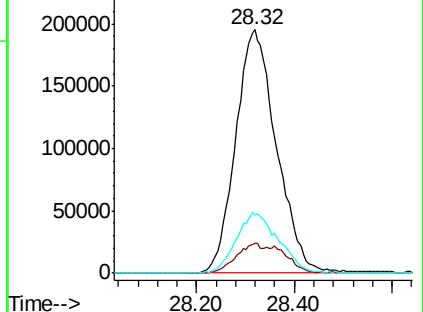
277 25.6 20.2 30.4

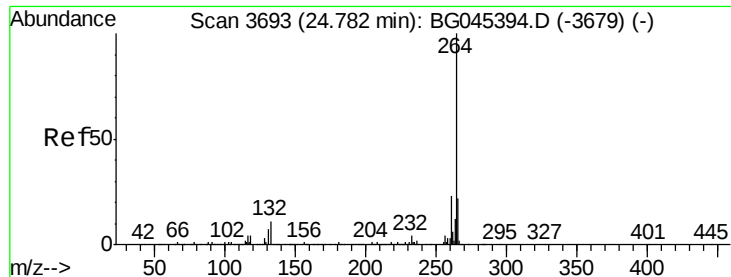


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

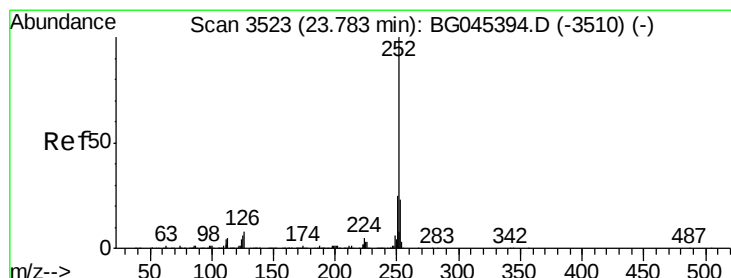
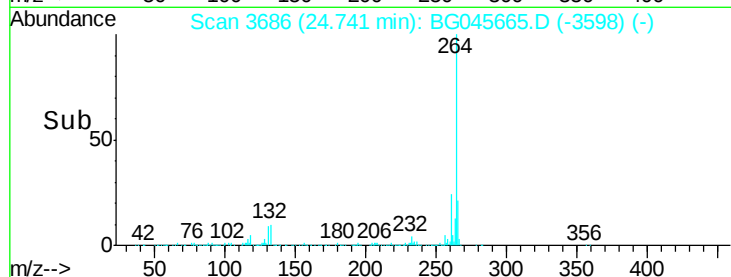
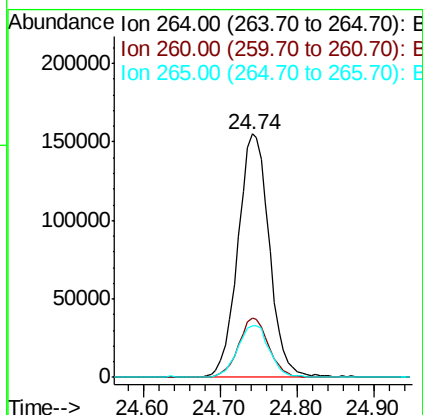
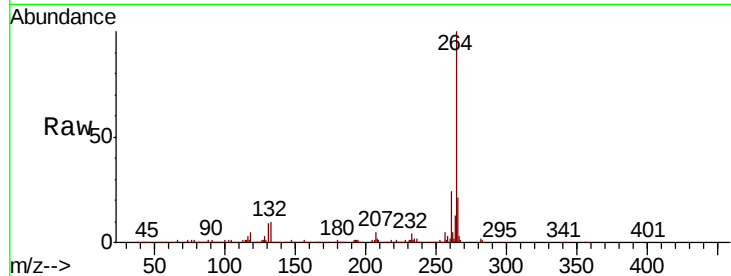




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

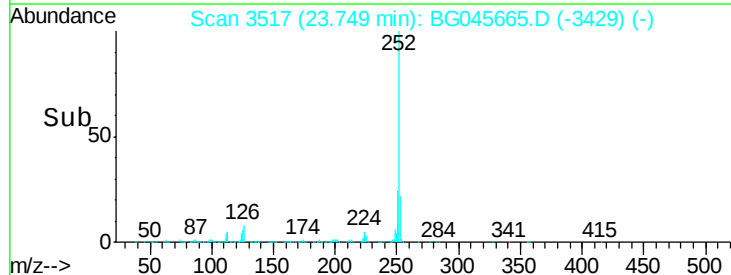
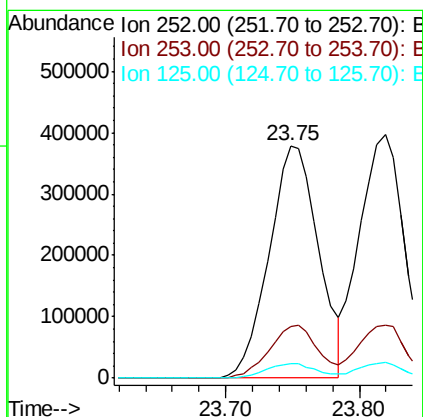
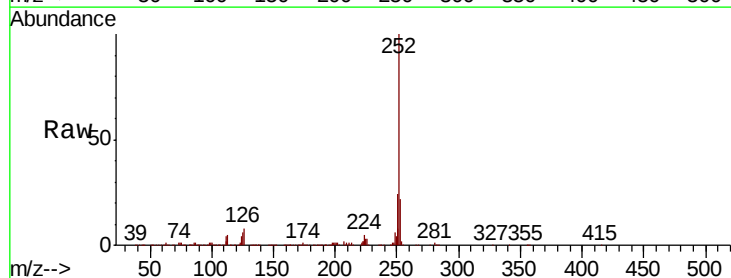
Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	21.1	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 41.098 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	6.1	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 41.860 ng

RT: 23.82 min Scan# 3529

Delta R.T. -0.00 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

Instrument :

BNA_G

ClientSampleId :

SPMSD

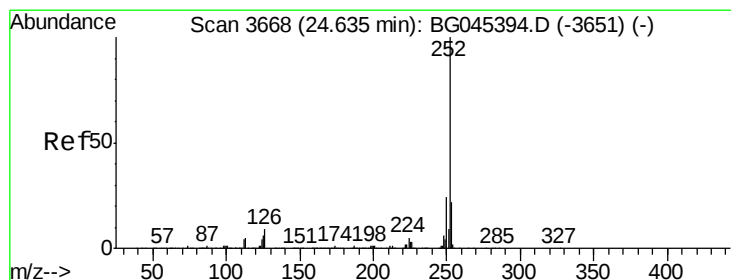
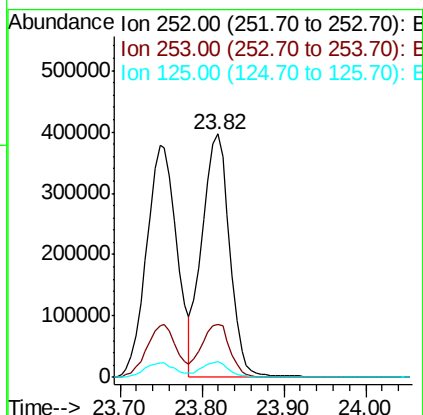
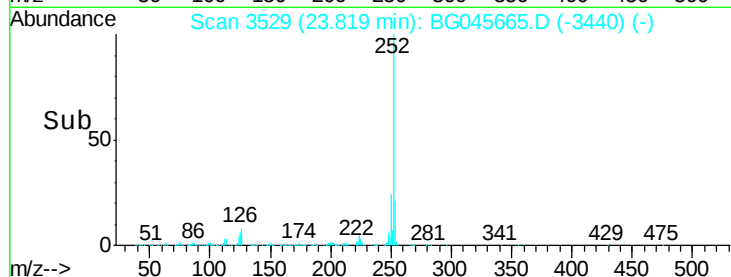
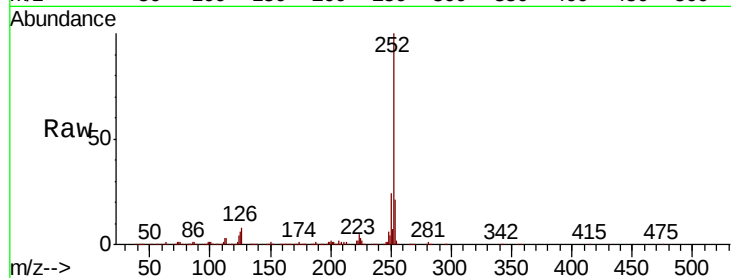
Tot Ion:252 Resp: 931145

Ion Ratio Lower Upper

252 100

253 21.5 18.4 27.6

125 6.3 5.7 8.5



#90

Benzo(a)pyrene

Concen: 40.254 ng

RT: 24.59 min Scan# 3661

Delta R.T. -0.01 min

Lab File: BG045665.D

Acq: 9 Jun 2020 15:46

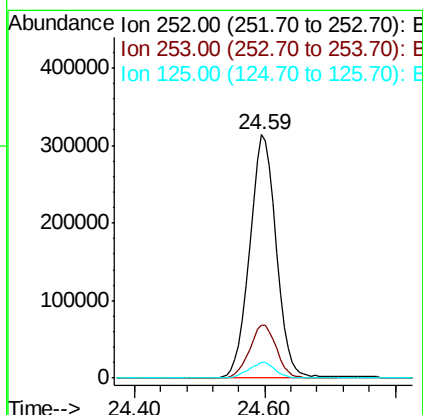
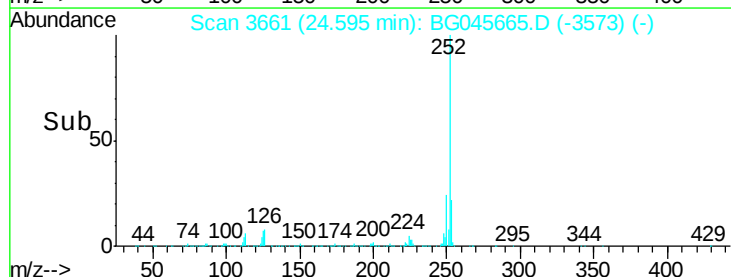
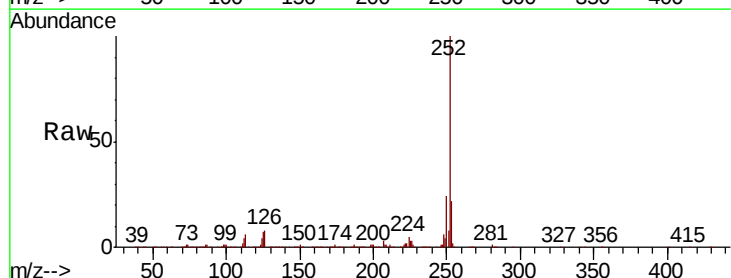
Tgt Ion:252 Resp: 887654

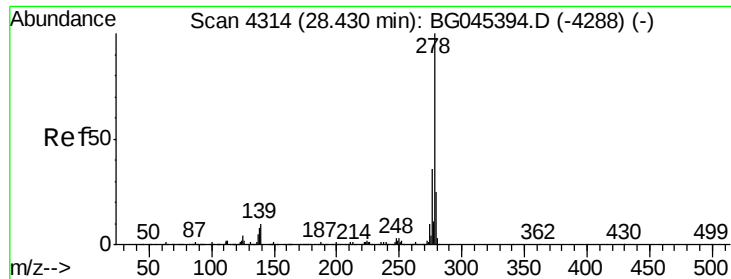
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 6.7 5.0 7.6

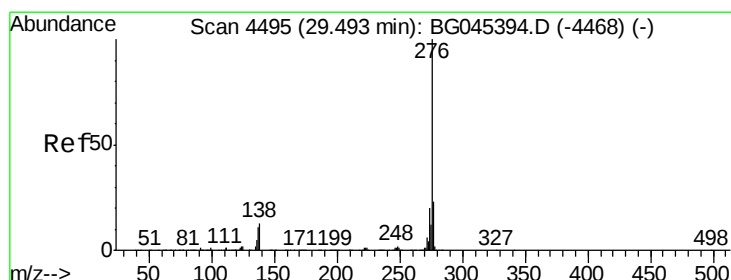
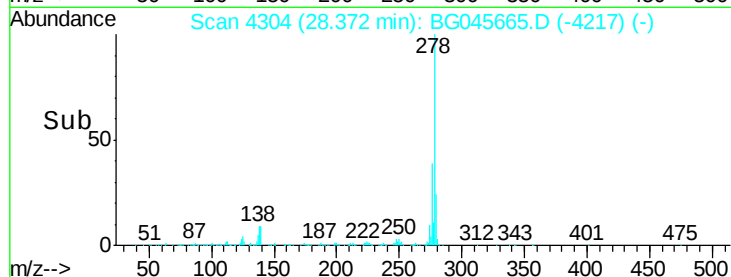
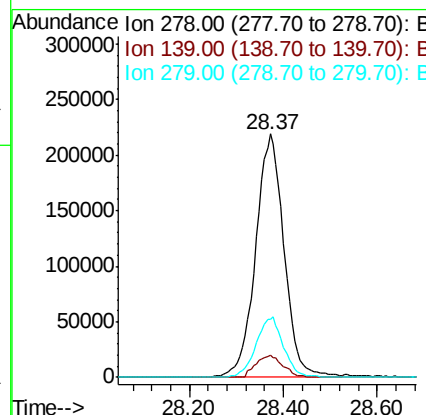
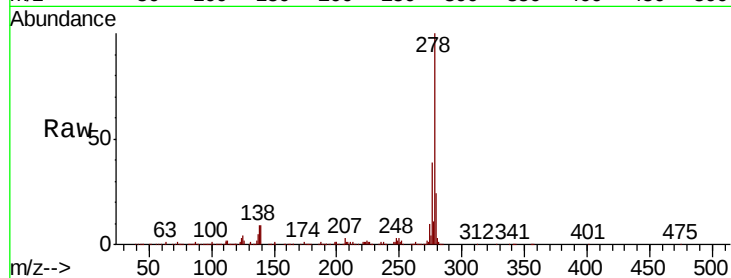




#91
Dibenzo(a,h)anthracene
Concen: 41.620 ng
RT: 28.37 min Scan# 4304
Delta R.T. -0.02 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Instrument :
BNA_G
ClientSampleId :
SPMSD

Tot Ion:278 Resp: 922274
Ion Ratio Lower Upper
278 100
139 9.2 7.8 11.8
279 24.0 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 42.578 ng
RT: 29.43 min Scan# 4484
Delta R.T. -0.01 min
Lab File: BG045665.D
Acq: 9 Jun 2020 15:46

Tgt Ion:276 Resp: 943605
Ion Ratio Lower Upper
276 100
277 24.5 18.1 27.1
138 11.8 10.2 15.4

