

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045664.D
 Acq On : 9 Jun 2020 15:05
 Operator : CG/JU
 Sample : L2924-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Quant Time: Jun 09 16:23:31 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	63542	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	248657	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	183190	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	425003	20.00	ng	0.00
76) Chrysene-d12	21.60	240	397163	20.00	ng	0.00
87) Perylene-d12	24.74	264	430491	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	345775	106.35	ng	0.00
7) Phenol-d6	7.14	99	488745	105.61	ng	0.00
23) Nitrobenzene-d5	9.11	82	331786	72.76	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	241257	102.98	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	765232	70.85	ng	0.00
79) Terphenyl-d14	19.95	244	1284437	75.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	61629	38.224	ng	# 95
3) Pyridine	3.80	79	141889	31.598	ng	97
4) n-Nitrosodimethylamine	3.72	42	66425	45.205	ng	89
6) Aniline	7.27	93	133691	22.130	ng	99
8) 2-Chlorophenol	7.52	128	165720	46.478	ng	98
9) Benzaldehyde	7.08	77	101202	33.565	ng	97
10) Phenol	7.16	94	219349	45.990	ng	98
11) bis(2-Chloroethyl)ether	7.36	93	152805	41.074	ng	99
12) 1,3-Dichlorobenzene	7.83	146	176331	41.153	ng	98
13) 1,4-Dichlorobenzene	7.98	146	180359	42.653	ng	97
14) 1,2-Dichlorobenzene	8.30	146	168019	41.313	ng	98
15) Benzyl Alcohol	8.19	79	172279	45.065	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	140593	39.813	ng	98
17) 2-Methylphenol	8.42	107	147697	41.373	ng	95
18) Hexachloroethane	9.03	117	68036	42.010	ng	90
19) n-Nitroso-di-n-propylamine	8.76	70	137459	42.954	ng	95
20) 3+4-Methylphenols	8.74	107	203803	41.923	ng	97
22) Acetophenone	8.77	105	248974	42.246	ng	97
24) Nitrobenzene	9.15	77	213386	43.678	ng	96
25) Isophorone	9.68	82	380703	42.394	ng	98
26) 2-Nitrophenol	9.87	139	93572	44.773	ng	98
27) 2,4-Dimethylphenol	9.94	122	161273	52.029	ng	98
28) bis(2-Chloroethoxy)methane	10.16	93	210532	44.704	ng	98
29) 2,4-Dichlorophenol	10.42	162	172550	47.141	ng	98
30) 1,2,4-Trichlorobenzene	10.62	180	187490	43.348	ng	94
31) Naphthalene	10.80	128	512710	44.248	ng	99
32) Benzoic acid	10.12	122	74490	37.979	ng	92
33) 4-Chloroaniline	10.92	127	58407	12.059	ng	# 92
34) Hexachlorobutadiene	11.09	225	129860	42.475	ng	95
35) Caprolactam	11.69	113	42751	31.820	ng	# 72
36) 4-Chloro-3-methylphenol	12.06	107	196183	47.564	ng	91
37) 2-Methylnaphthalene	12.42	142	384761	44.551	ng	95
38) 1-Methylnaphthalene	12.63	142	369308	45.268	ng	# 93
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	223388	43.658	ng	98

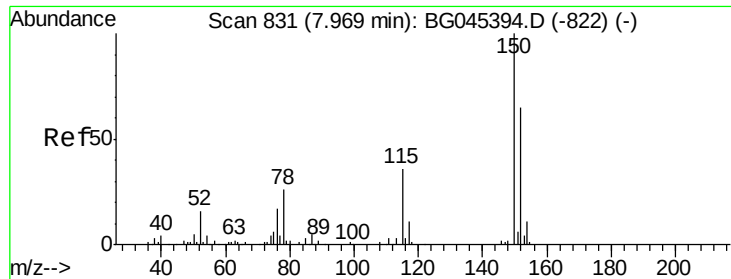
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060920\
 Data File : BG045664.D
 Acq On : 9 Jun 2020 15:05
 Operator : CG/JU
 Sample : L2924-01MS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	269942	91.403	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	154795	43.550	ng	97
44) 2,4,5-Trichlorophenol	13.12	196	160542	39.525	ng	99
46) 1,1'-Biphenyl	13.43	154	505414	44.901	ng	100
47) 2-Chloronaphthalene	13.47	162	382586	41.856	ng	98
48) 2-Nitroaniline	13.67	65	125735	41.818	ng	94
49) Acenaphthylene	14.31	152	635977	43.317	ng	99
50) Dimethylphthalate	14.05	163	606698	48.278	ng	# 98
51) 2,6-Dinitrotoluene	14.17	165	116161	40.964	ng	98
52) Acenaphthene	14.65	154	368017	37.447	ng	99
53) 3-Nitroaniline	14.50	138	51235	17.774	ng	99
54) 2,4-Dinitrophenol	14.71	184	106668	58.964	ng	98
55) Dibenzofuran	15.00	168	615364	42.164	ng	96
56) 4-Nitrophenol	14.84	139	159119	72.910	ng	85
57) 2,4-Dinitrotoluene	14.96	165	166265	40.485	ng	97
58) Fluorene	15.64	166	509133	42.463	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	146215	40.917	ng	99
60) Diethylphthalate	15.41	149	530155	40.532	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	288273	42.015	ng	99
62) 4-Nitroaniline	15.67	138	112709	37.453	ng	95
63) Azobenzene	15.93	77	516543	42.353	ng	96
65) 4,6-Dinitro-2-methylphenol	15.73	198	99289	40.113	ng	96
66) n-Nitrosodiphenylamine	15.85	169	449603	44.060	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	196887	42.782	ng	97
68) Hexachlorobenzene	16.65	284	212917	44.234	ng	97
69) Atrazine	16.80	200	174730	41.572	ng	95
70) Pentachlorophenol	17.00	266	198938	79.597	ng	98
71) Phenanthrene	17.39	178	808679	43.586	ng	99
72) Anthracene	17.47	178	839158	45.038	ng	99
73) Carbazole	17.74	167	747174	41.139	ng	99
74) Di-n-butylphthalate	18.30	149	894746	41.045	ng	99
75) Fluoranthene	19.40	202	987255	41.834	ng	99
77) Benzidine	19.57	184	282697	25.344	ng	98
78) Pyrene	19.75	202	986728	43.584	ng	100
80) Butylbenzylphthalate	20.65	149	394923	40.413	ng	99
81) Benzo(a)anthracene	21.58	228	956513	43.233	ng	100
82) 3,3'-Dichlorobenzidine	21.50	252	193454	22.291	ng	97
83) Chrysene	21.65	228	914735	42.998	ng	100
84) Bis(2-ethylhexyl)phthalate	21.49	149	559839	41.676	ng	100
85) Di-n-octyl phthalate	22.68	149	950377	41.193	ng	100
86) Indeno(1,2,3-cd)pyrene	28.31	276	1200060	43.138	ng	# 91
88) Benzo(b)fluoranthene	23.75	252	1019716	44.167	ng	99
89) Benzo(k)fluoranthene	23.81	252	980088	45.185	ng	100
90) Benzo(a)pyrene	24.60	252	936863	43.570	ng	98
91) Dibenzo(a,h)anthracene	28.38	278	979504	45.331	ng	99
92) Benzo(g,h,i)perylene	29.43	276	996323	46.104	ng	97

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

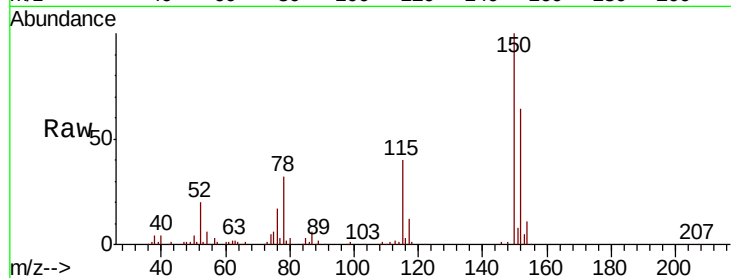


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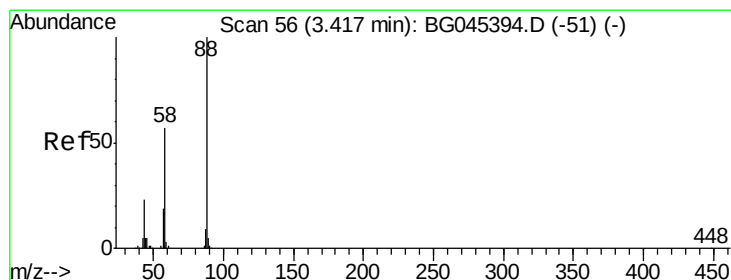
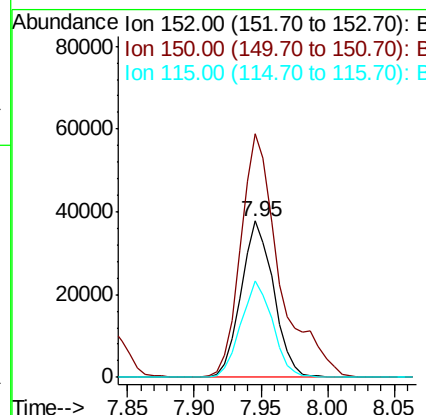
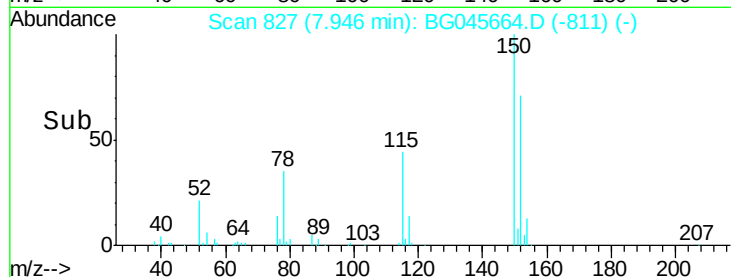
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion:152 Resp: 63542
Ion Ratio Lower Upper
152 100
150 155.6 122.4 183.6
115 61.8 44.2 66.4



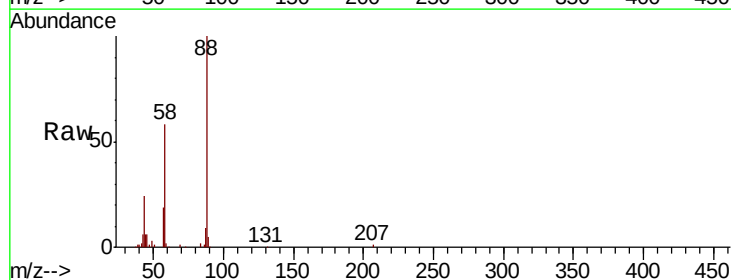
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



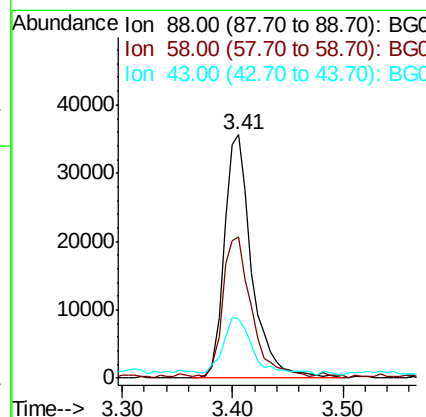
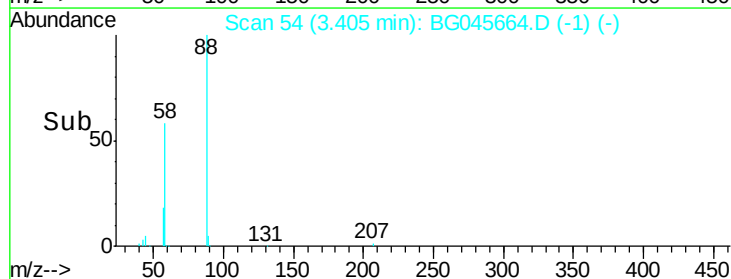
#2

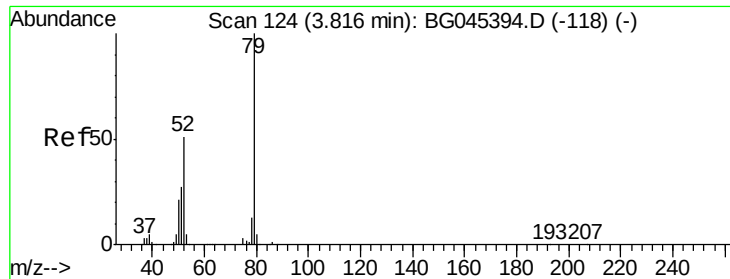
1,4-Dioxane
Concen: 38.224 ng
RT: 3.41 min Scan# 54
Delta R.T. 0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion: 88 Resp: 61629
Ion Ratio Lower Upper
88 100
58 58.7 45.7 68.5
43 27.2 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: 31.598 ng

RT: 3.80 min Scan# 122

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

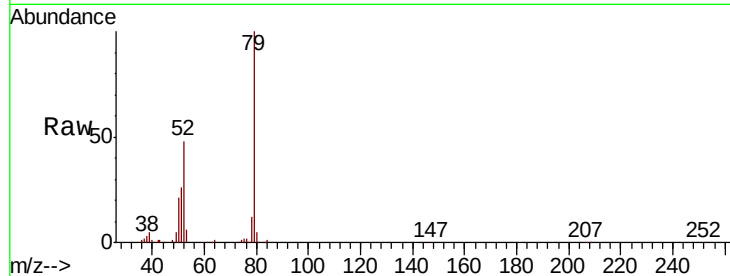
Tot Ion: 79 Resp: 141889

Ion Ratio Lower Upper

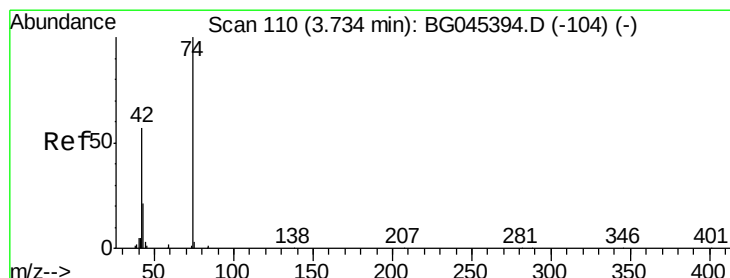
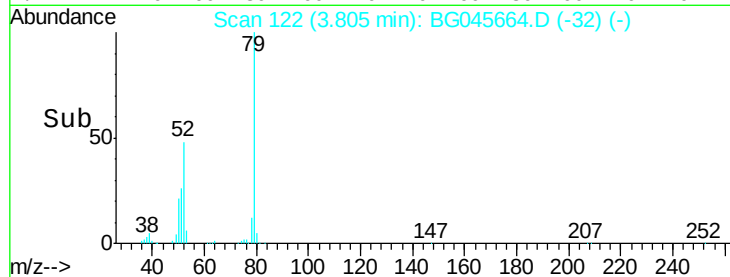
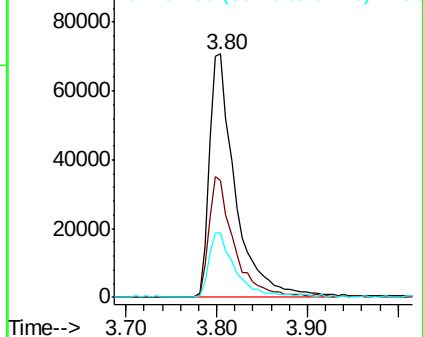
79 100

52 48.2 40.8 61.2

51 26.3 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: 45.205 ng

RT: 3.72 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

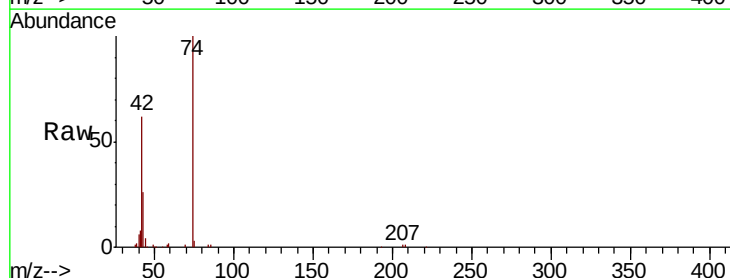
Tgt Ion: 42 Resp: 66425

Ion Ratio Lower Upper

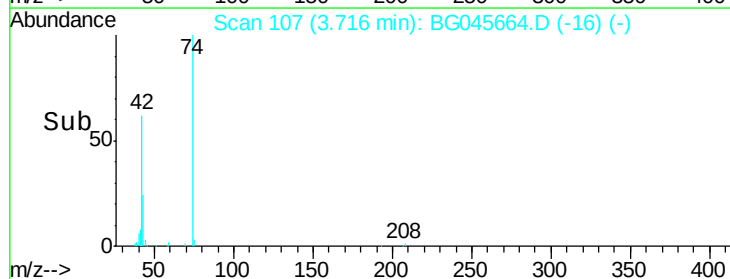
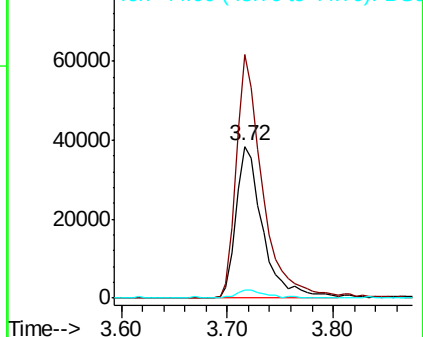
42 100

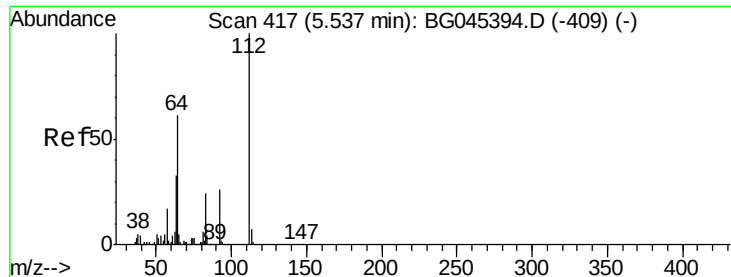
74 160.5 141.3 211.9

44 5.7 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: 106.346 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampled :

SPMS

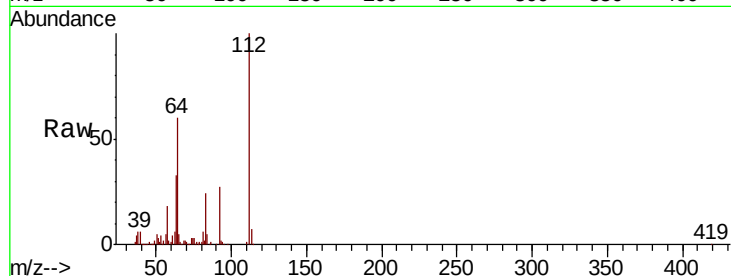
Tot Ion:112 Resp: 345775

Ion Ratio Lower Upper

112 100

64 59.6 48.6 72.8

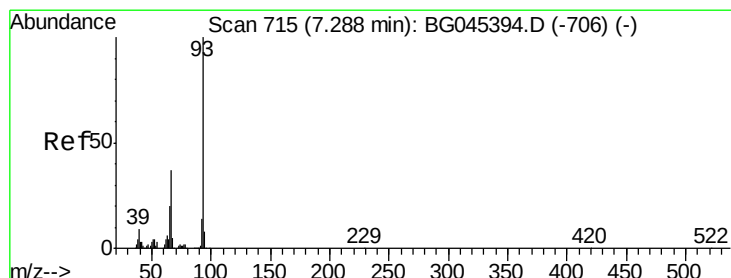
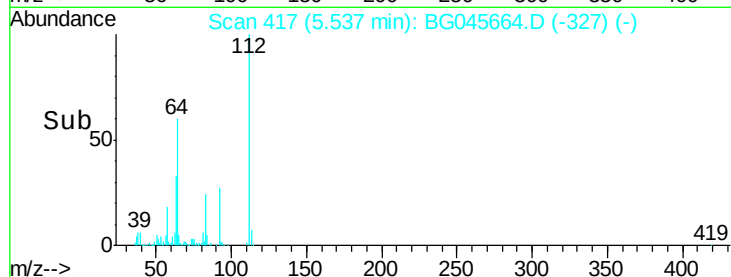
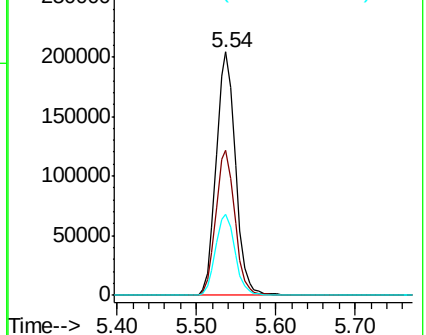
63 33.2 26.5 39.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.130 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

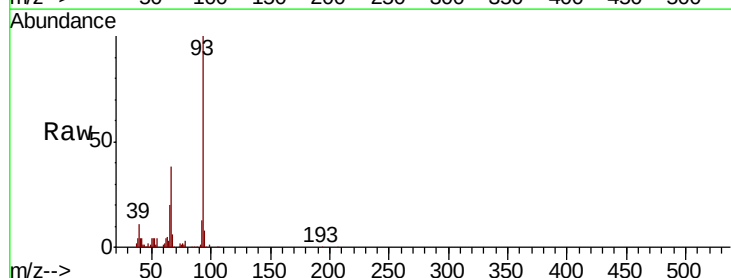
Tgt Ion: 93 Resp: 133691

Ion Ratio Lower Upper

93 100

66 38.0 29.6 44.4

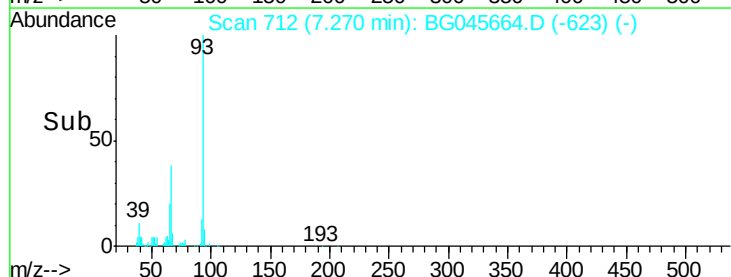
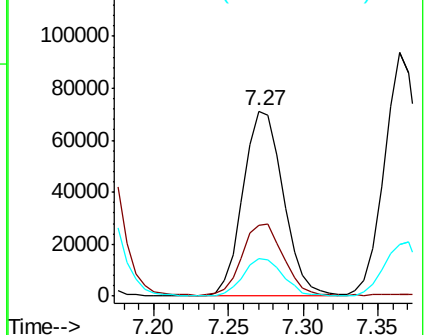
65 20.1 15.9 23.9

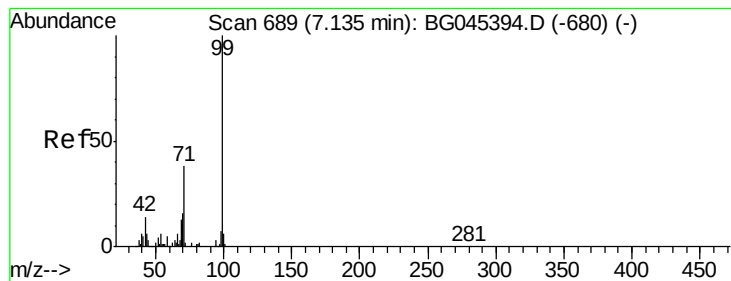


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 105.613 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampled :

SPMS

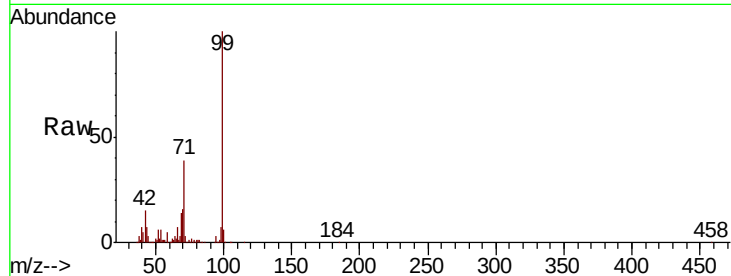
Tot Ion: 99 Resp: 488745

Ion Ratio Lower Upper

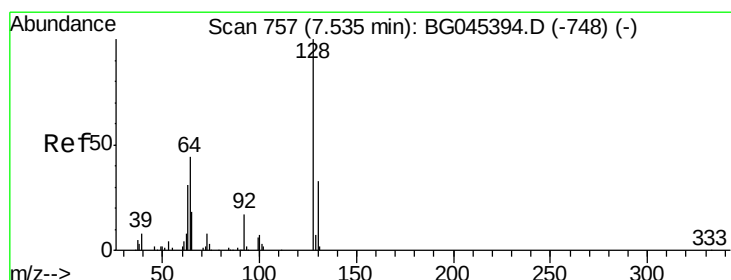
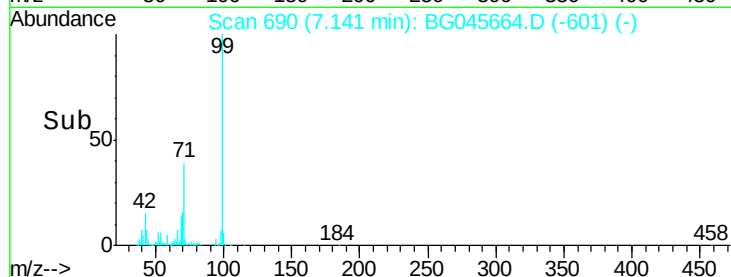
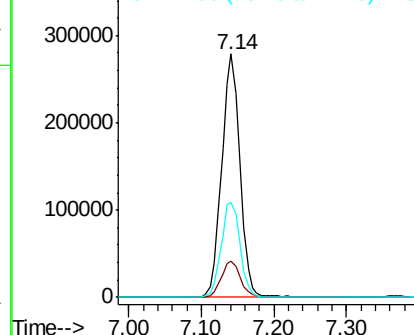
99 100

42 14.9 11.3 16.9

71 39.3 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: 46.478 ng

RT: 7.52 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

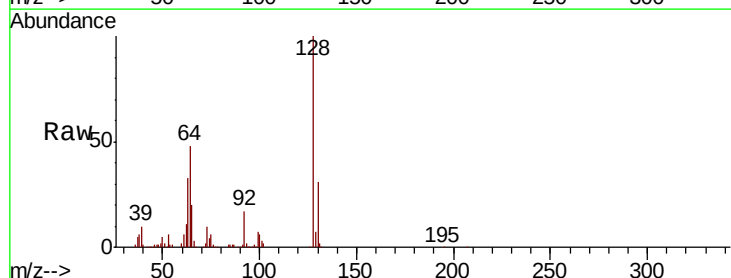
Tgt Ion:128 Resp: 165720

Ion Ratio Lower Upper

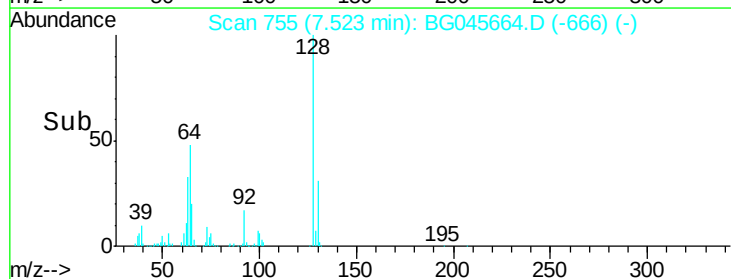
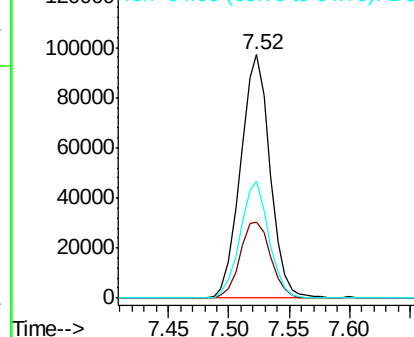
128 100

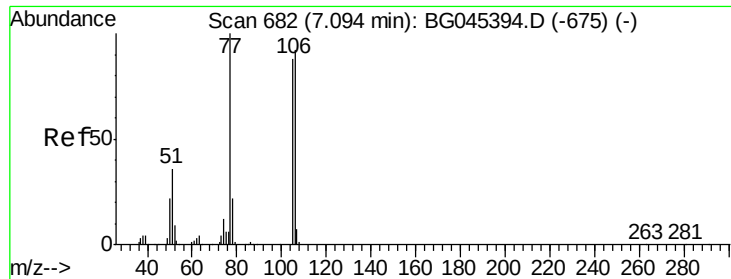
130 31.1 12.6 52.6

64 48.0 27.0 67.0



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





#9

Benzaldehyde

Concen: 33.565 ng

RT: 7.08 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

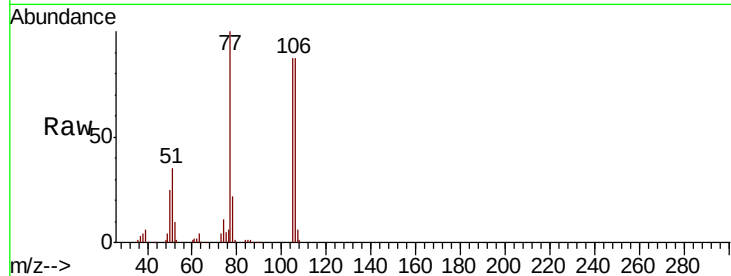
Tot Ion: 77 Resp: 101202

Ion Ratio Lower Upper

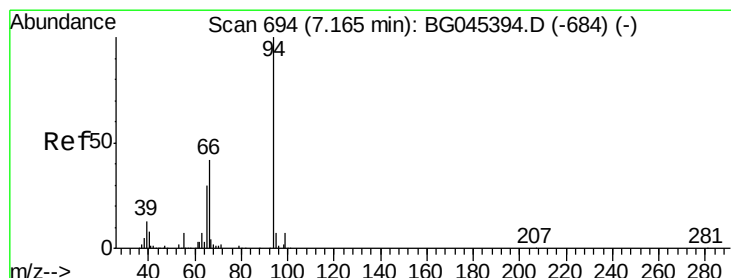
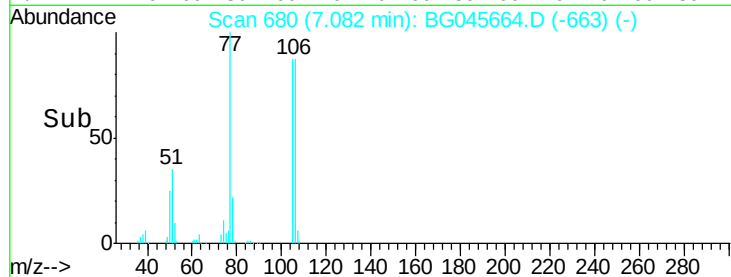
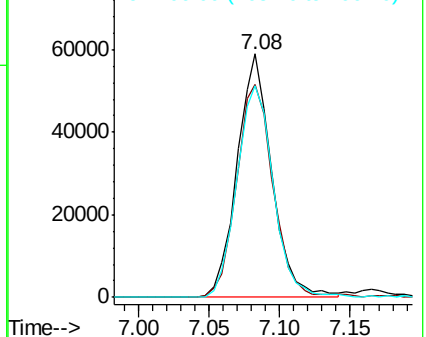
77 100

105 87.3 68.5 108.5

106 87.0 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: 45.990 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

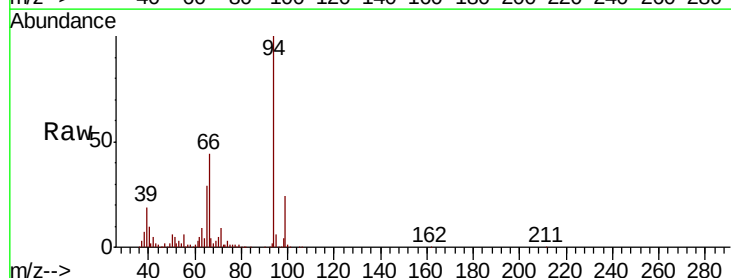
Tgt Ion: 94 Resp: 219349

Ion Ratio Lower Upper

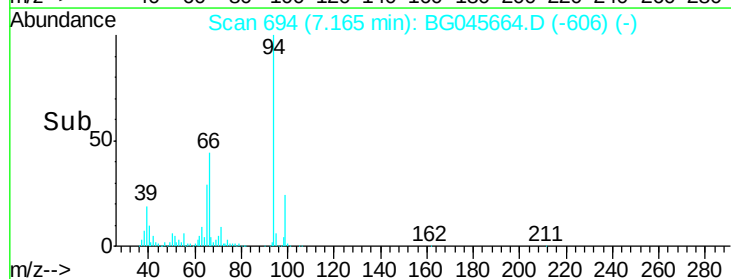
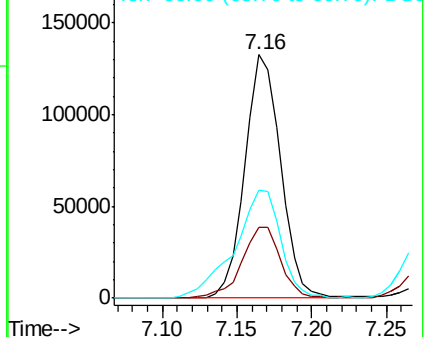
94 100

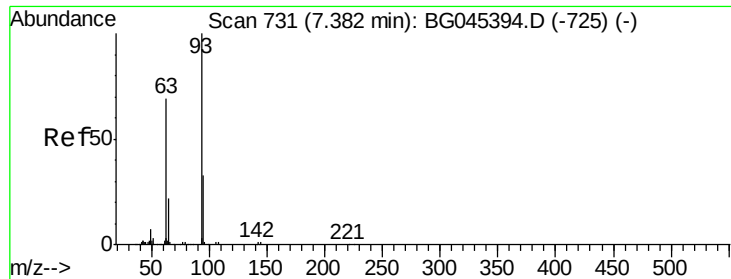
65 29.2 9.8 49.8

66 44.1 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

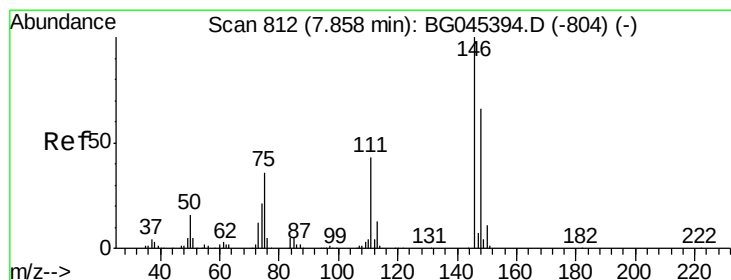
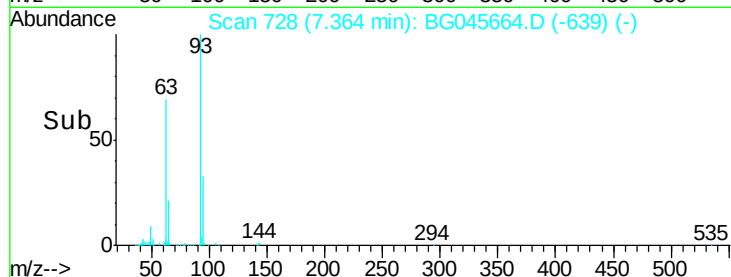
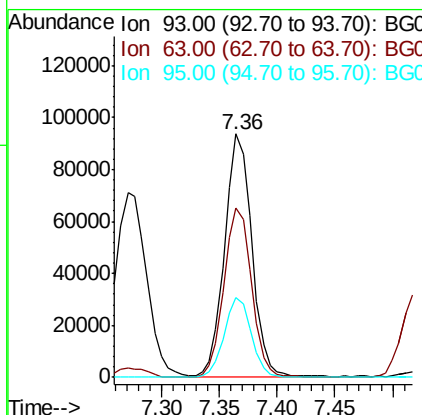
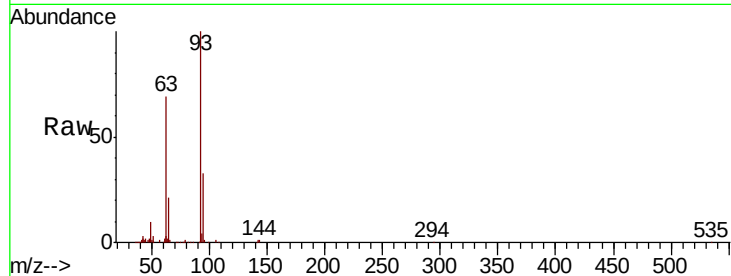




#11
bis(2-Chloroethyl)ether
Concen: 41.074 ng
RT: 7.36 min Scan# 728
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

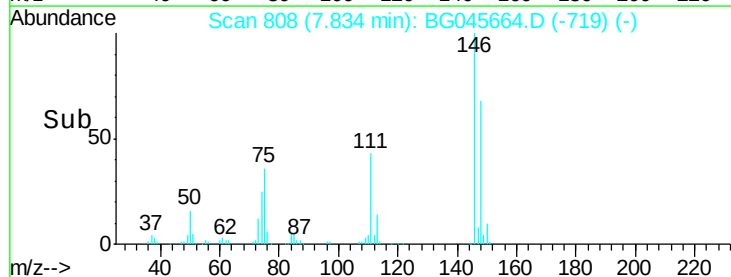
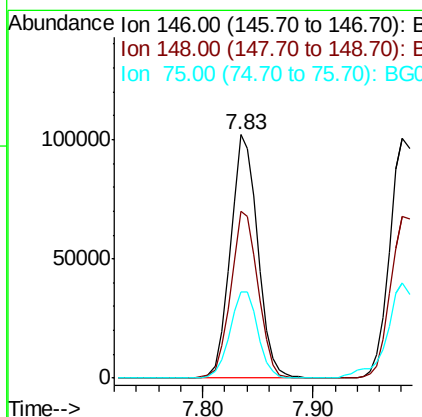
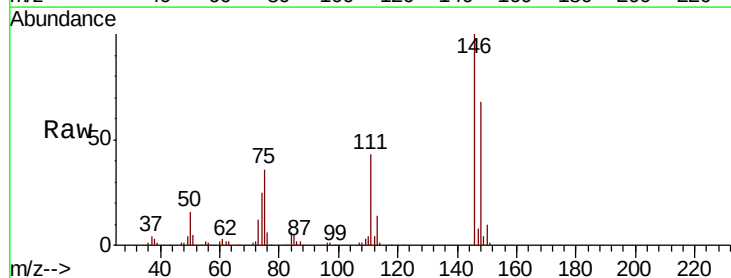
Instrument :
BNA_G
ClientSampleId :
SPMS

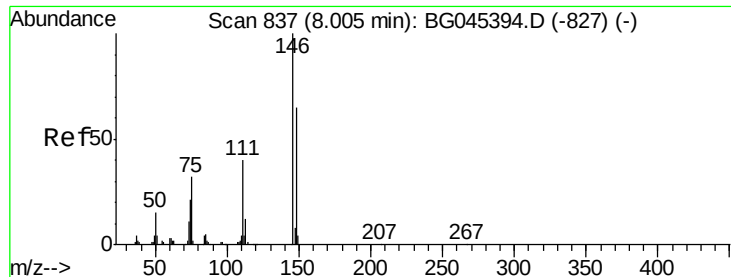
Tot Ion	93	Resp	152805
Ion	Ratio	Lower	Upper
93	100		
63	69.5	48.4	88.4
95	32.7	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 41.153 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion	146	Resp	176331
Ion	Ratio	Lower	Upper
146	100		
148	68.3	53.2	79.8
75	35.6	28.6	43.0

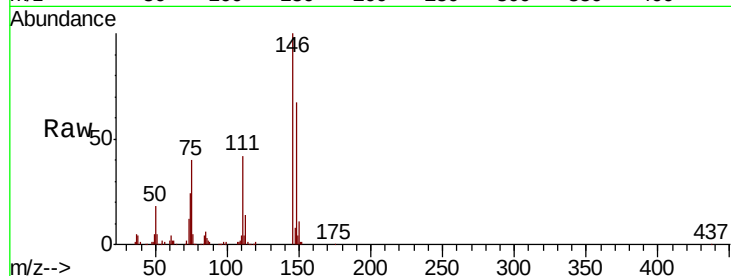




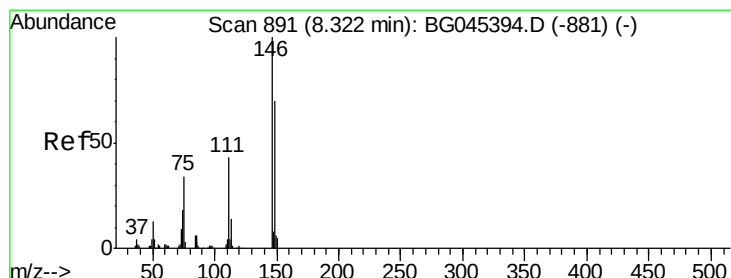
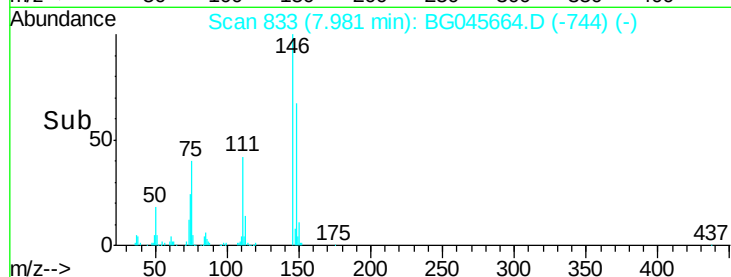
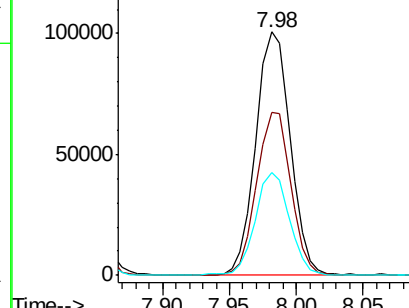
#13
 1,4-Dichlorobenzene
 Concen: 42.653 ng
 RT: 7.98 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Tot Ion:146 Resp: 180359
 Ion Ratio Lower Upper
 146 100
 148 67.0 51.8 77.8
 111 42.4 32.1 48.1

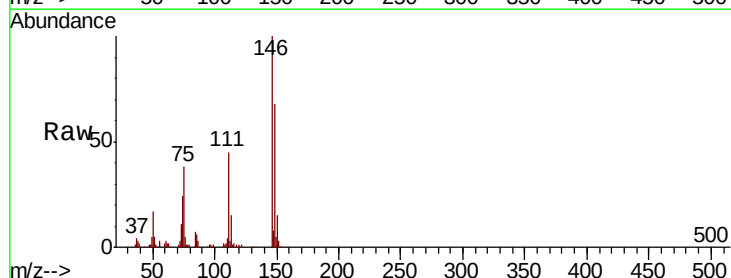


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

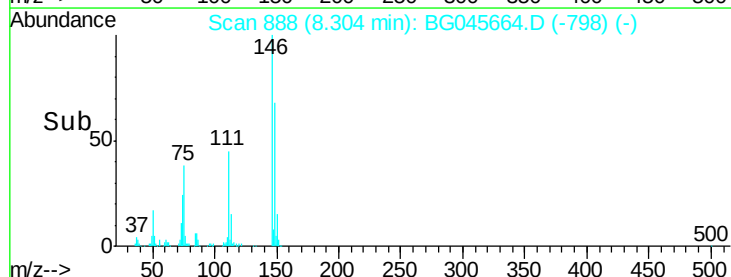
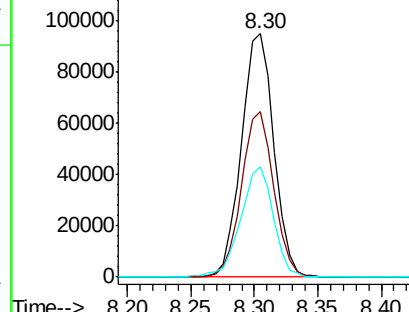


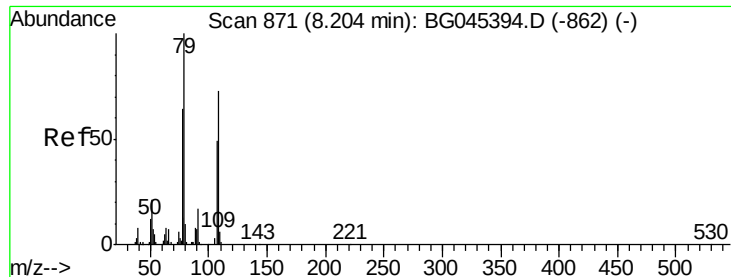
#14
 1,2-Dichlorobenzene
 Concen: 41.313 ng
 RT: 8.30 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Tgt Ion:146 Resp: 168019
 Ion Ratio Lower Upper
 146 100
 148 68.2 55.9 83.9
 111 45.3 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: 45.065 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

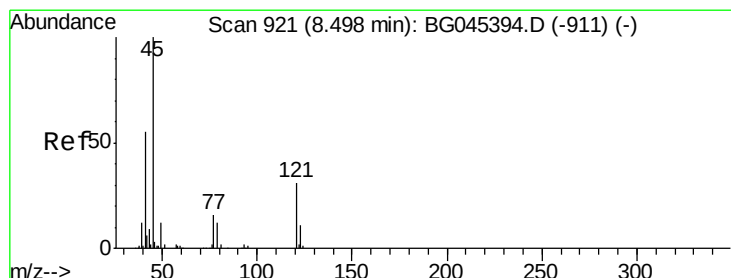
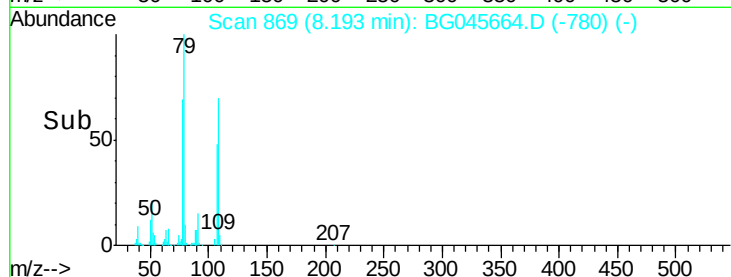
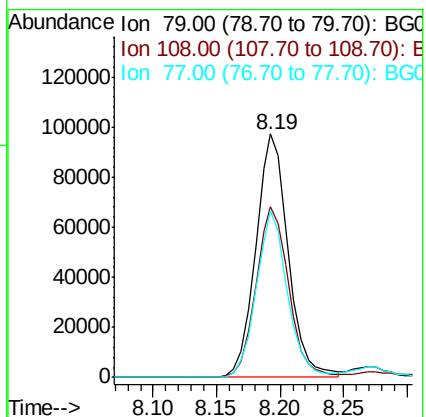
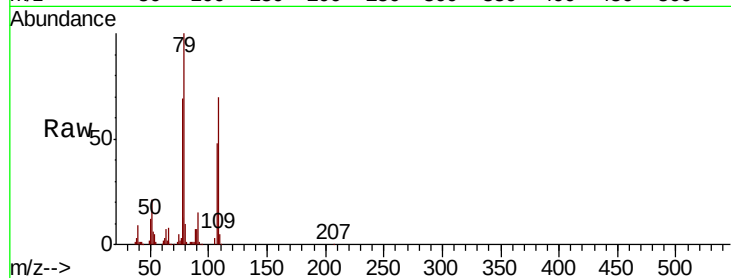
Tot Ion: 79 Resp: 172279

Ion Ratio Lower Upper

79 100

108 70.3 58.2 87.4

77 68.5 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.813 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

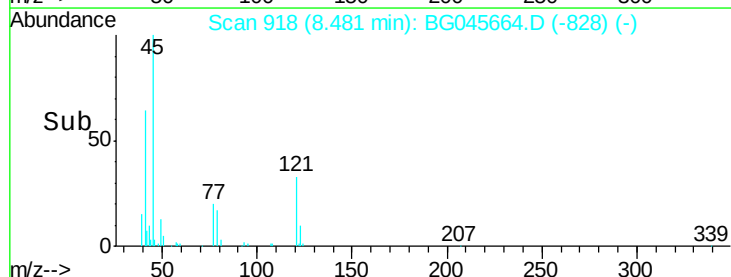
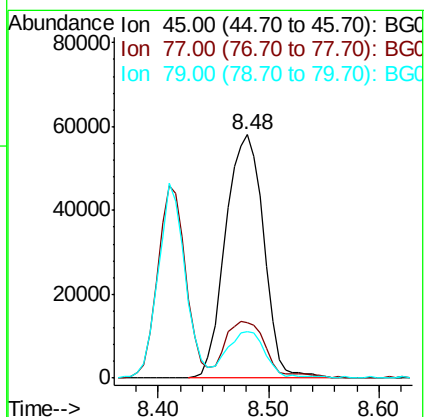
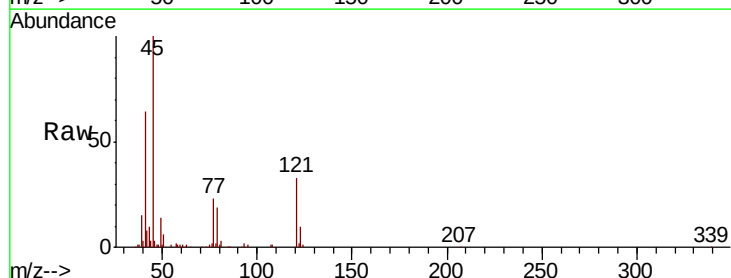
Tgt Ion: 45 Resp: 140593

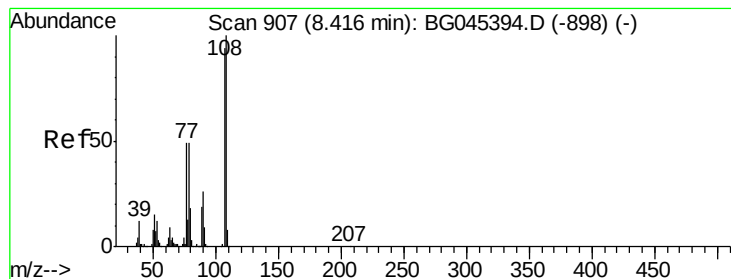
Ion Ratio Lower Upper

45 100

77 22.9 4.0 44.0

79 19.0 0.0 38.6

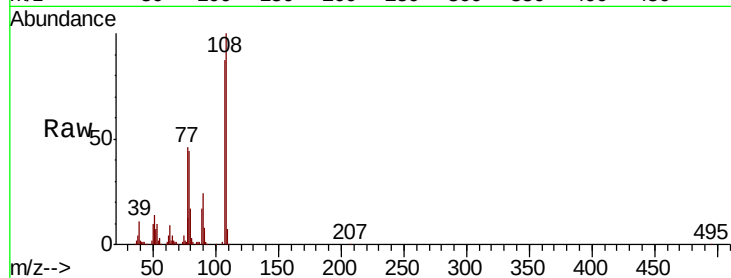




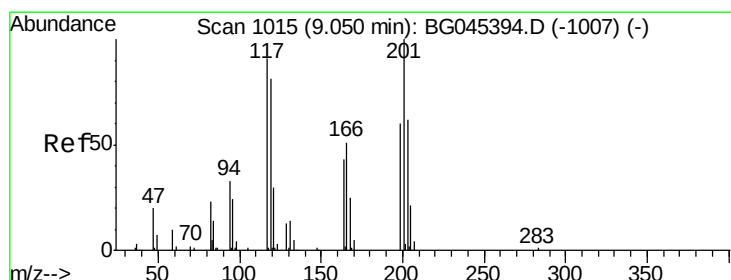
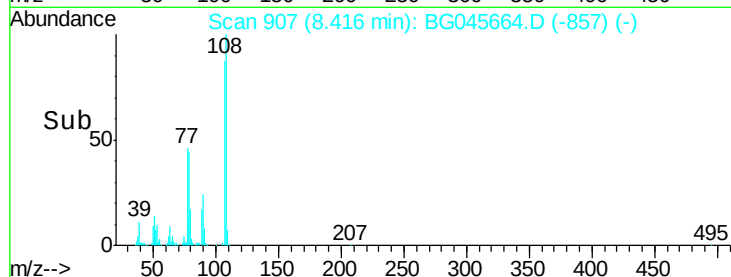
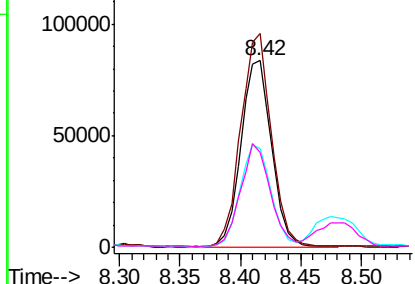
#17
2-Methylphenol
Concen: 41.373 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion:	107	Resp:	147697
Ion	Ratio	Lower	Upper
107	100		
108	114.5	85.2	127.8
77	52.7	41.6	62.4
79	50.7	41.8	62.8

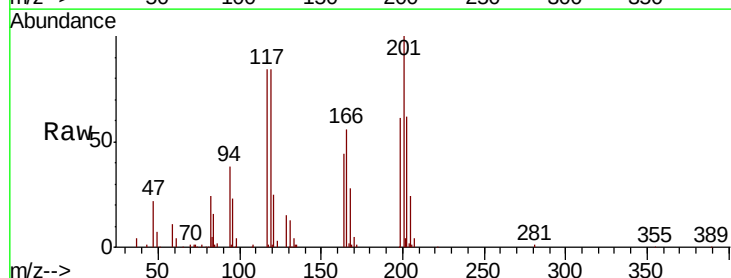


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

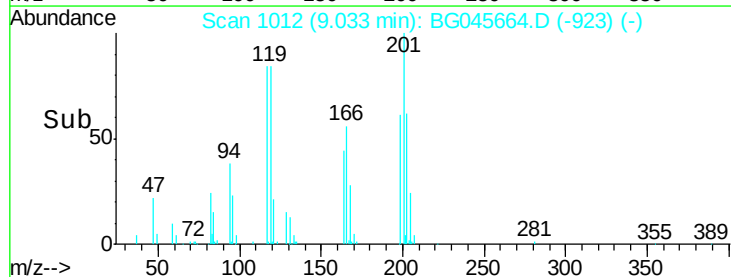
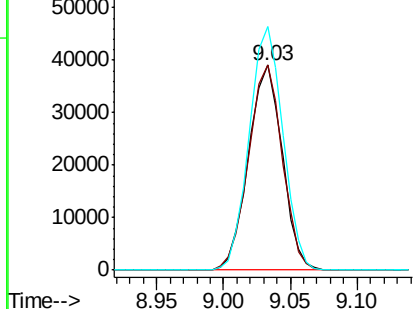


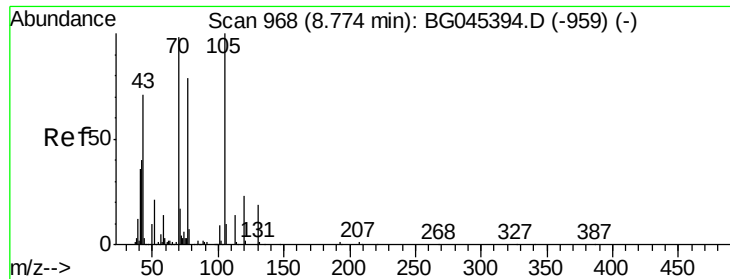
#18
Hexachloroethane
Concen: 42.010 ng
RT: 9.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:	117	Resp:	68036
Ion	Ratio	Lower	Upper
117	100		
119	100.0	71.3	106.9
201	118.8	87.5	131.3



Abundance Ion 117.00 (116.70 to 117.70): E
60000
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

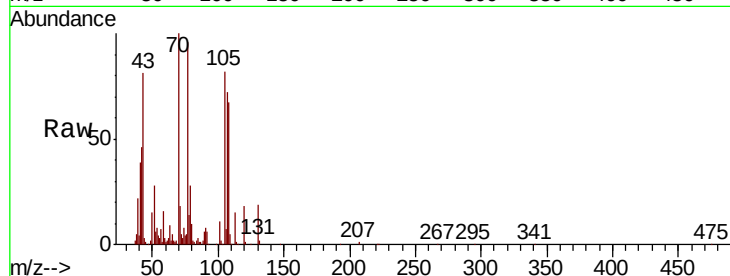




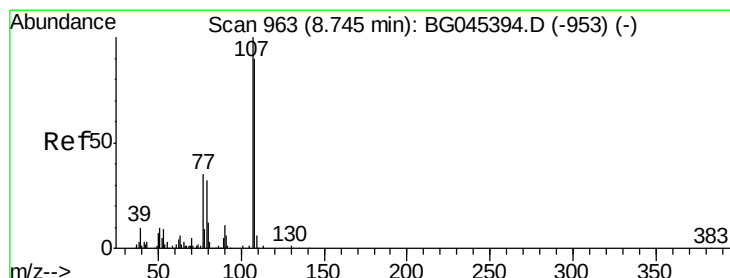
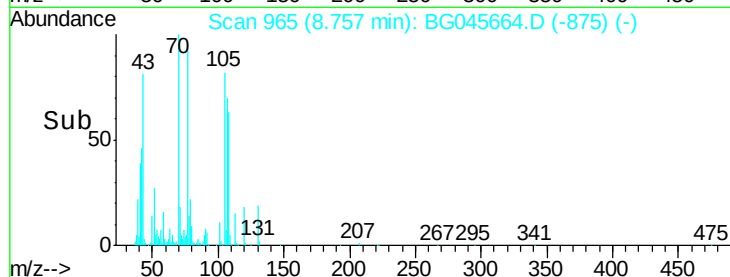
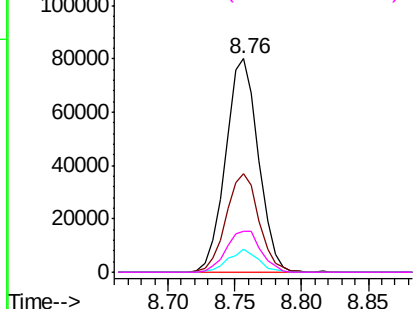
#19
n-Nitroso-di-n-propylamine
Concen: 42.954 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion: 70 Resp: 137459
Ion Ratio Lower Upper
70 100
42 46.3 33.2 49.8
101 10.9 7.8 11.6
130 19.2 15.4 23.2

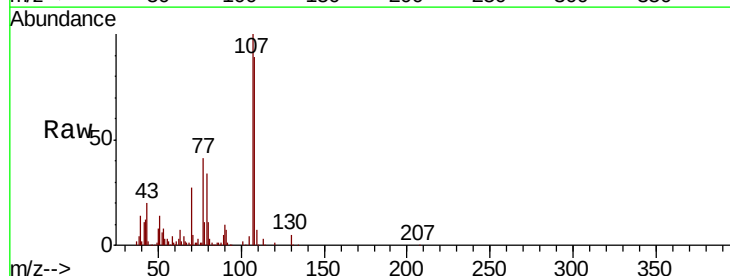


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

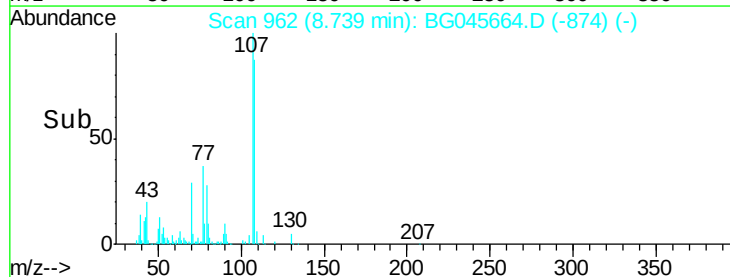
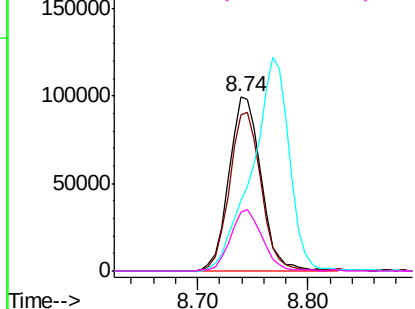


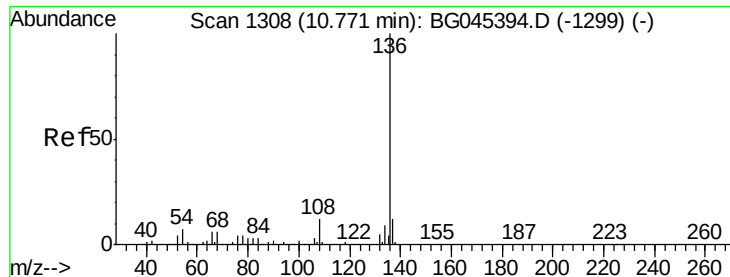
#20
3+4-Methylphenols
Concen: 41.923 ng
RT: 8.74 min Scan# 962
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion: 107 Resp: 203803
Ion Ratio Lower Upper
107 100
108 89.3 70.3 110.3
77 40.7 15.4 55.4
79 33.5 12.6 52.6



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

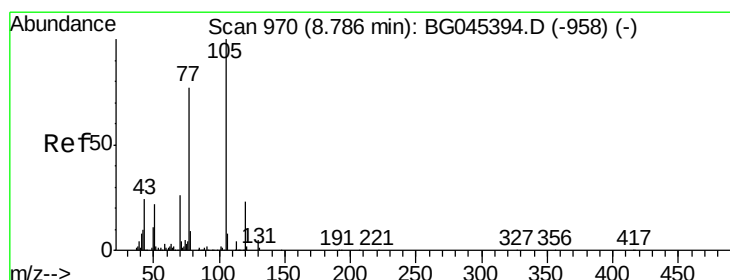
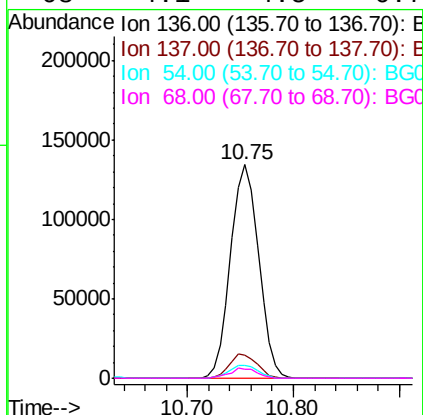
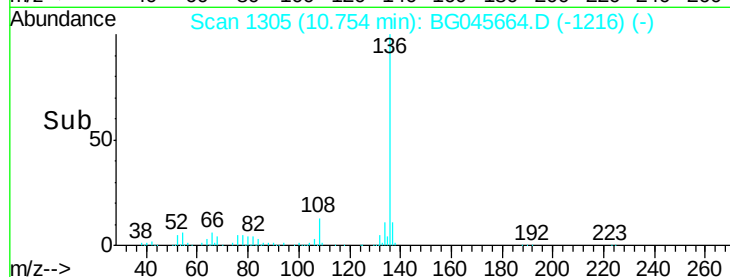
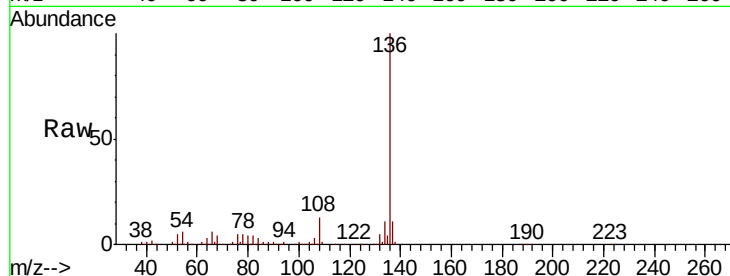




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

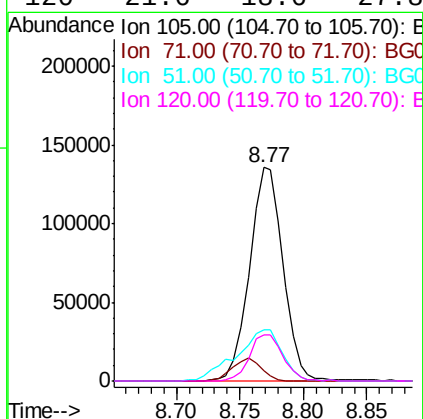
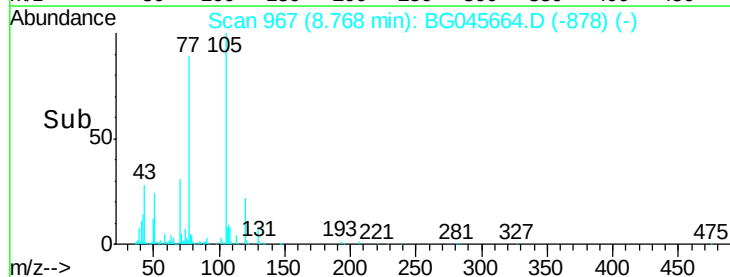
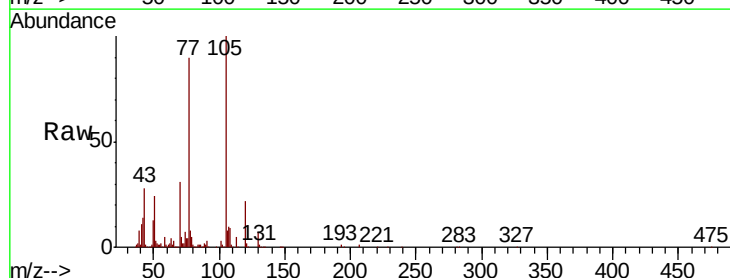
Instrument :
BNA_G
ClientSampleId :
SPMS

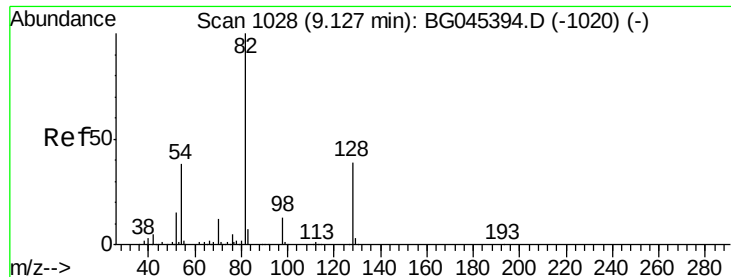
Tot Ion:136	Resp: 248657
Ion Ratio	Lower Upper
136 100	
137 10.9	9.4 14.2
54 6.1	5.8 8.6
68 4.1	4.5 6.7#



#22
Acetophenone
Concen: 42.246 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt	Ion:105	Resp:	248974
Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.4	5.0
51	24.1	18.2	27.2
120	21.6	18.6	27.8

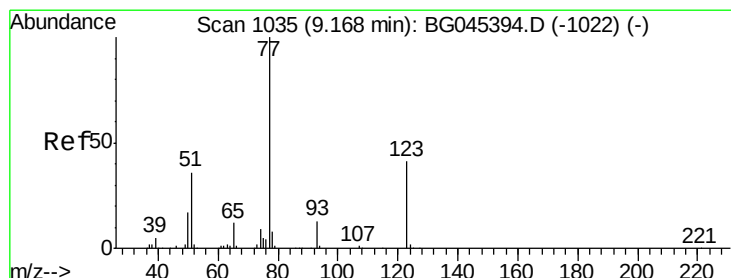
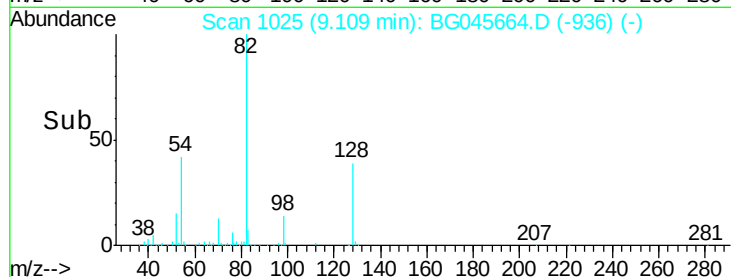
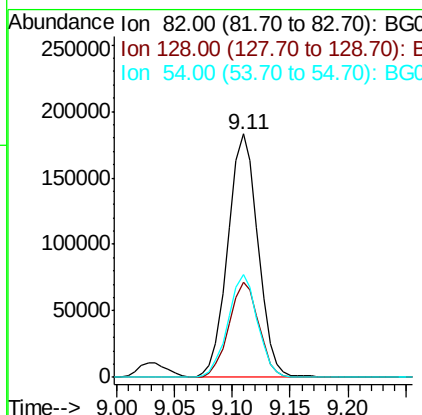
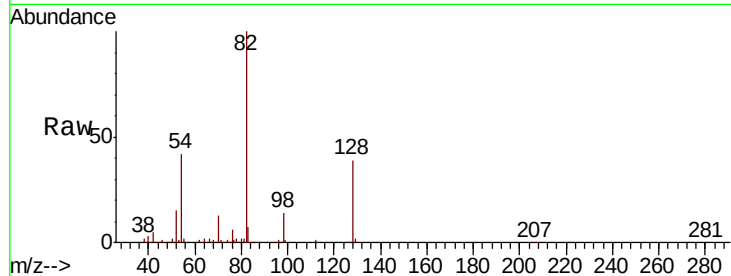




#23
 Nitrobenzene-d5
 Concen: 72.762 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

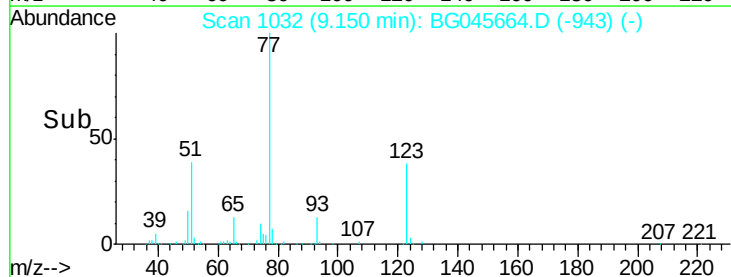
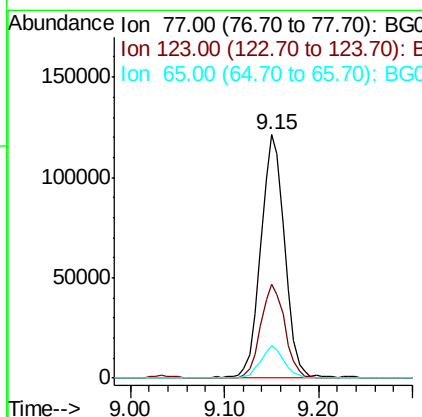
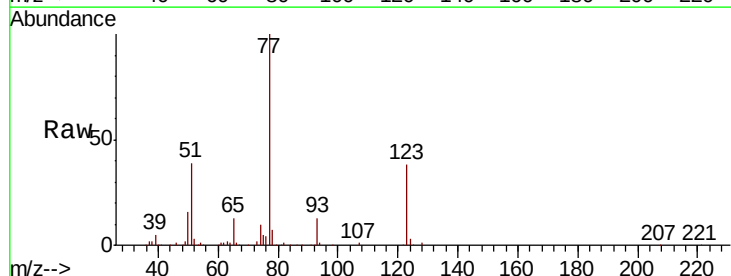
Instrument :
 BNA_G
 ClientSampled :
 SPMS

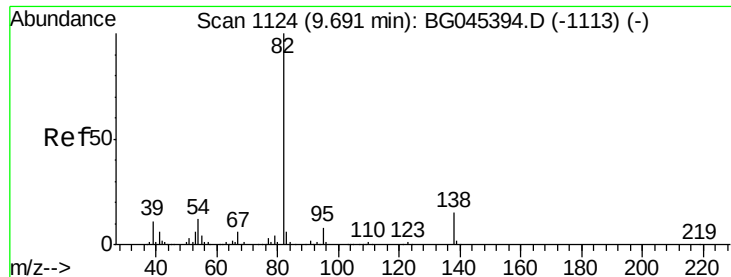
Tot Ion	82	Resp	331786
Ion Ratio	Lower	Upper	
82	100		
128	39.2	30.9	46.3
54	42.4	30.3	45.5



#24
 Nitrobenzene
 Concen: 43.678 ng
 RT: 9.15 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Tgt Ion	77	Resp	213386
Ion Ratio	Lower	Upper	
77	100		
123	38.4	32.9	49.3
65	13.1	9.4	14.2





#25

Isophorone

Concen: 42.394 ng

RT: 9.68 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

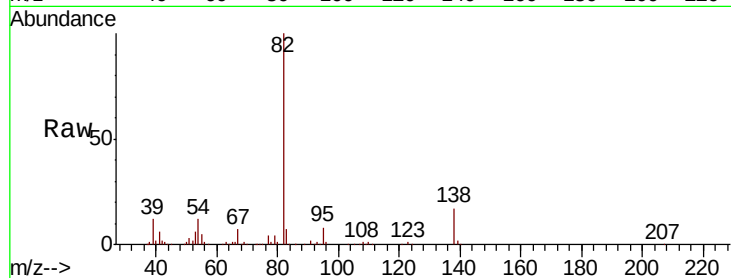
Tot Ion: 82 Resp: 380703

Ion Ratio Lower Upper

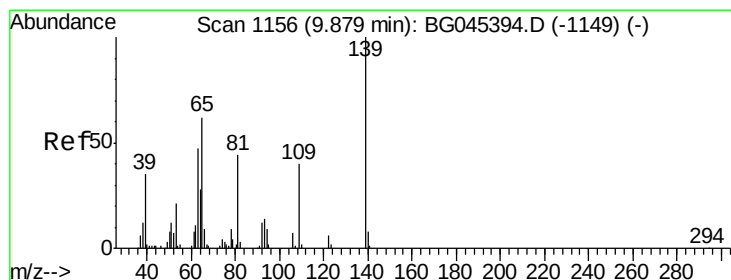
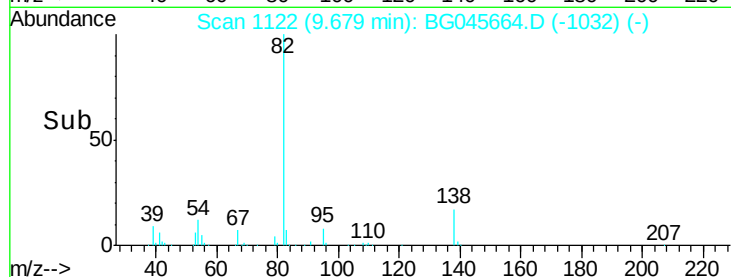
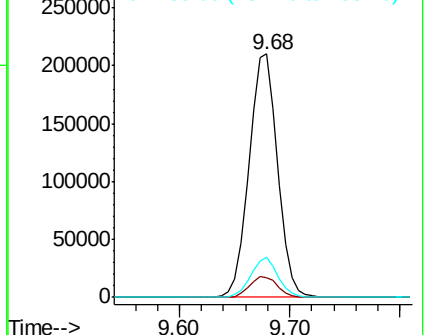
82 100

95 8.1 6.7 10.1

138 16.7 12.2 18.4



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



#26

2-Nitrophenol

Concen: 44.773 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

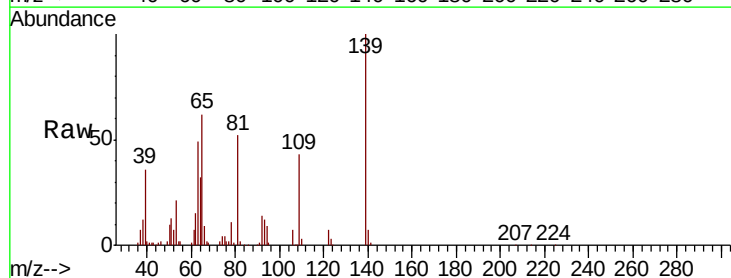
Tgt Ion: 139 Resp: 93572

Ion Ratio Lower Upper

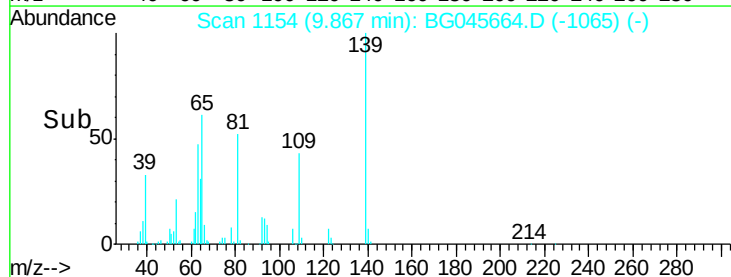
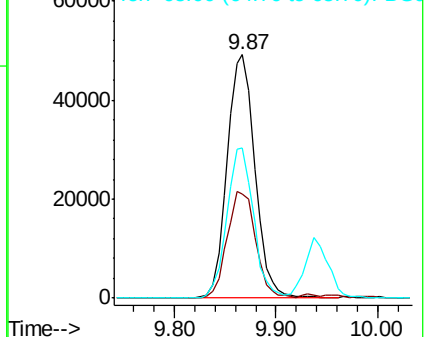
139 100

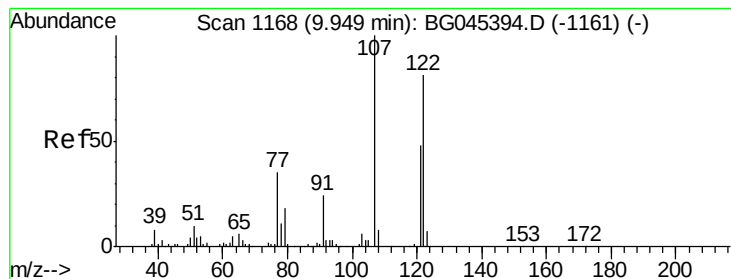
109 42.8 32.2 48.4

65 61.9 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: 52.029 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

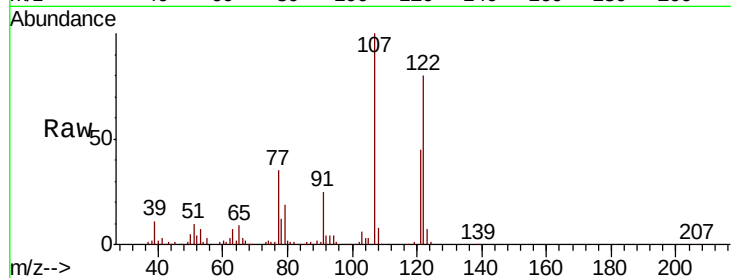
Tot Ion:122 Resp: 161273

Ion Ratio Lower Upper

122 100

107 125.5 99.0 148.4

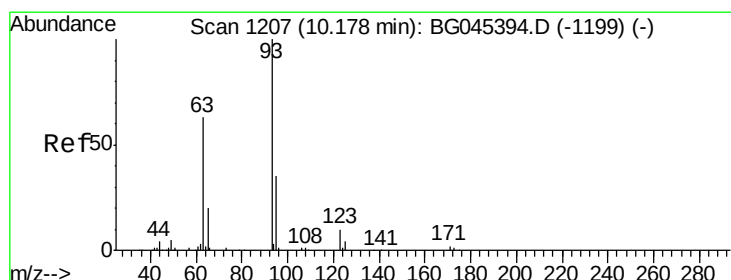
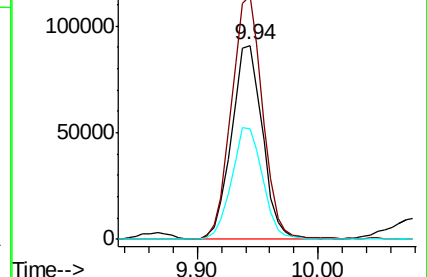
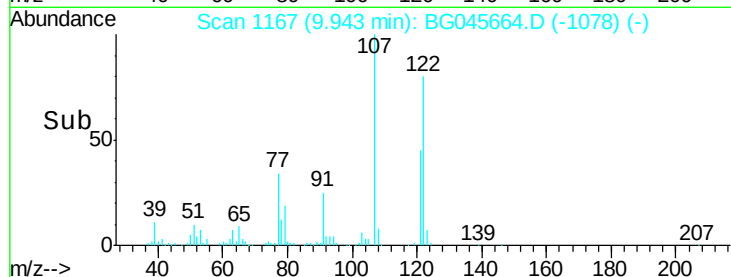
121 56.7 47.7 71.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.704 ng

RT: 10.16 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

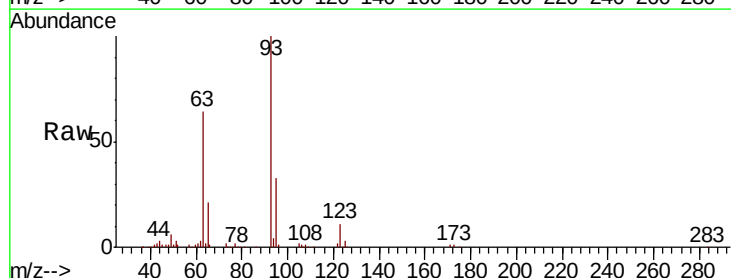
Tgt Ion: 93 Resp: 210532

Ion Ratio Lower Upper

93 100

95 33.3 27.6 41.4

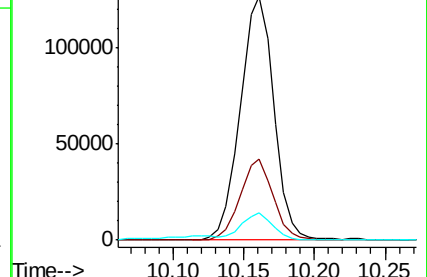
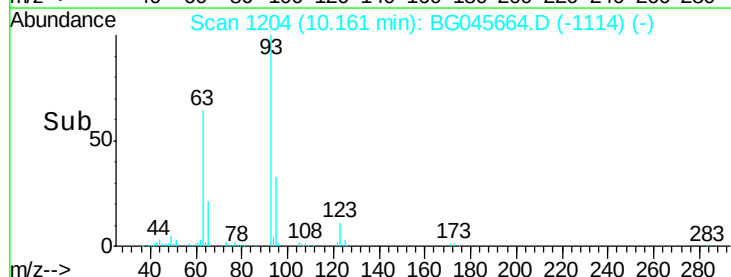
123 11.3 8.1 12.1

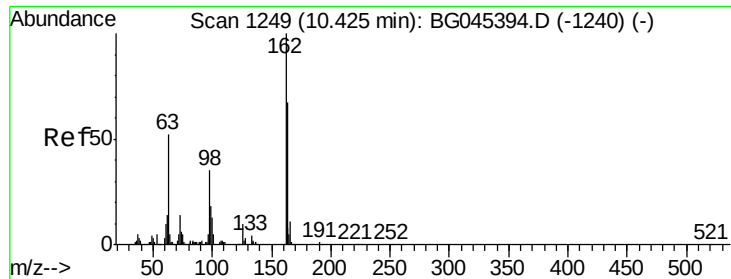


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

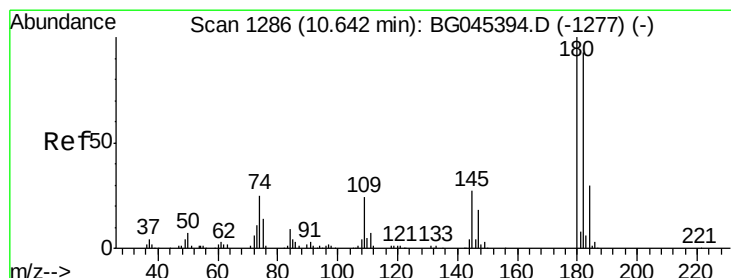
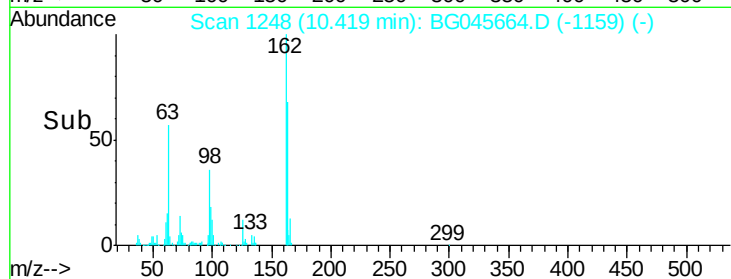
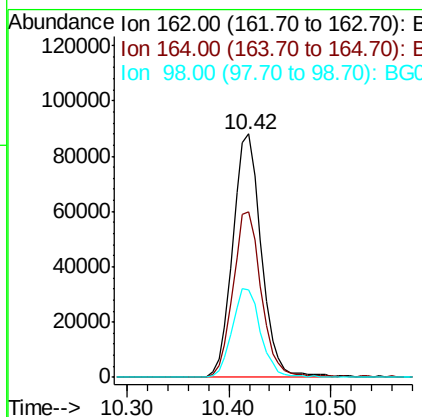
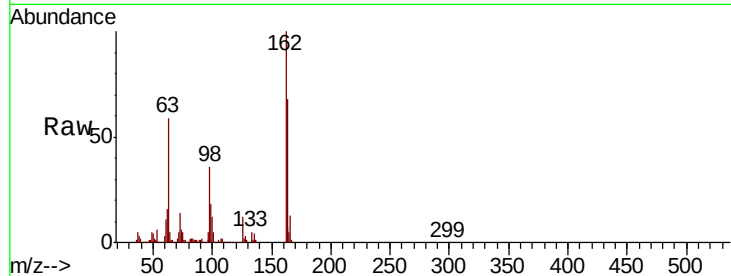




#29
 2,4-Dichlorophenol
 Concen: 47.141 ng
 RT: 10.42 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

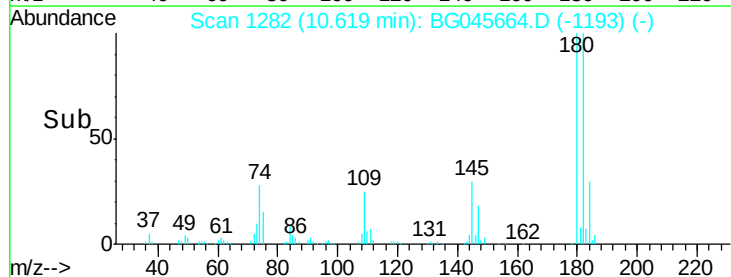
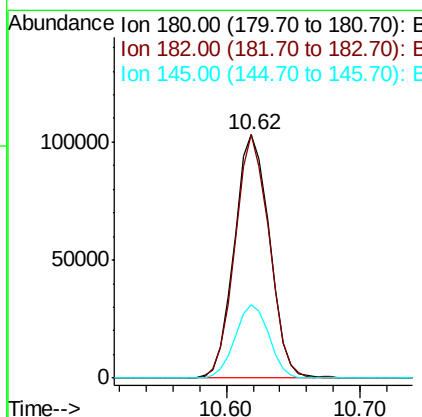
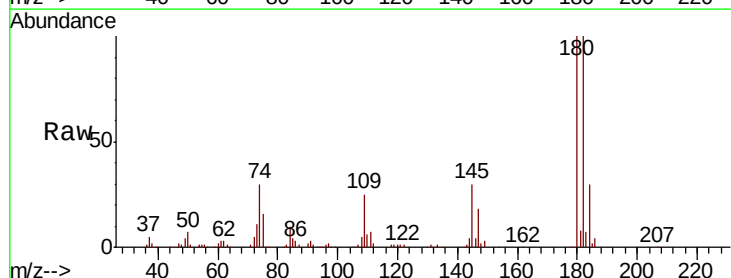
Instrument :
 BNA_G
 ClientSampled :
 SPMS

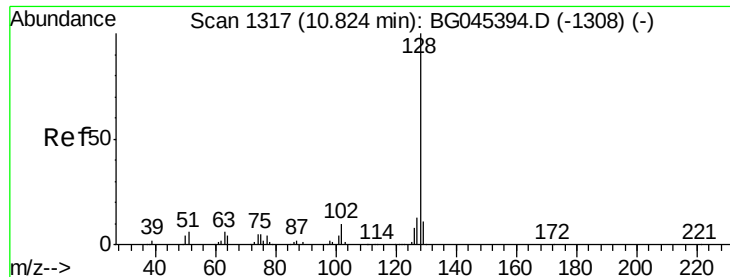
Tot Ion	Ratio	Lower	Upper
162	100		
164	68.2	46.8	86.8
98	35.9	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 43.348 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	74.8	112.2
145	30.0	21.9	32.9

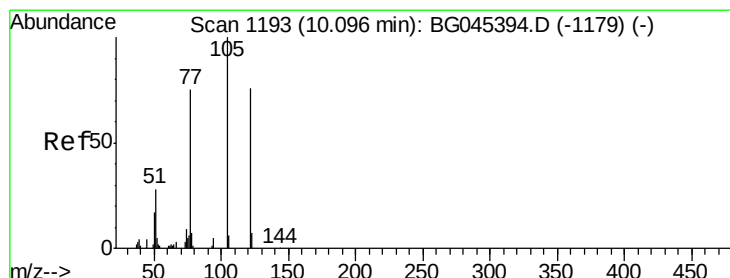
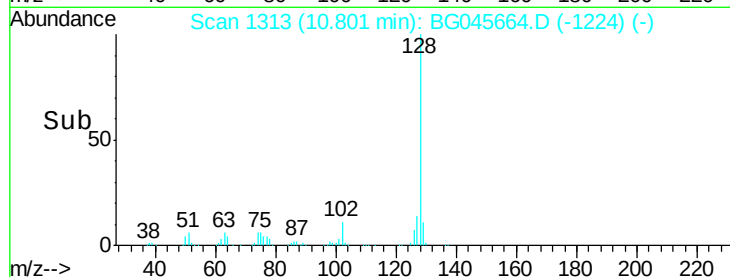
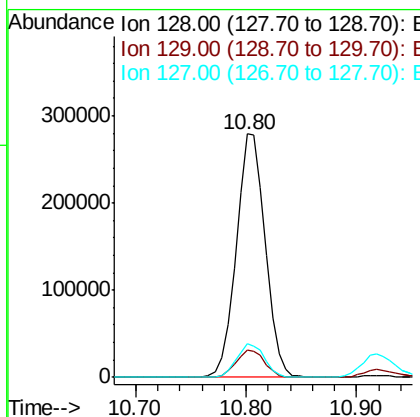
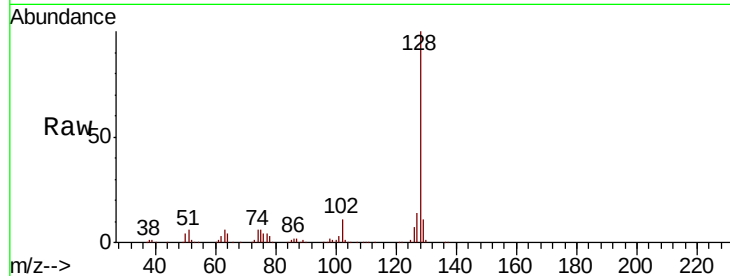




#31
Naphthalene
Concen: 44.248 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

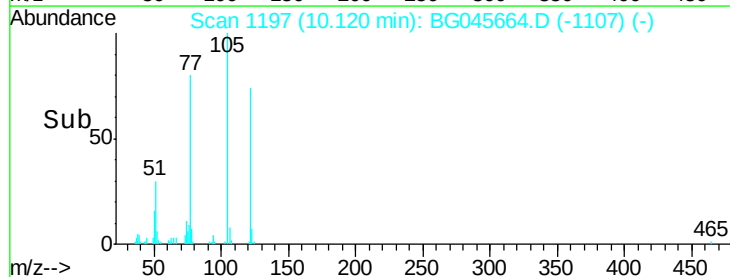
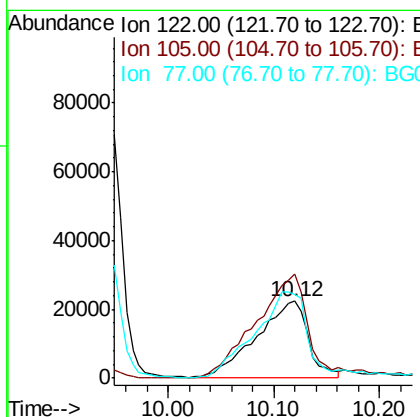
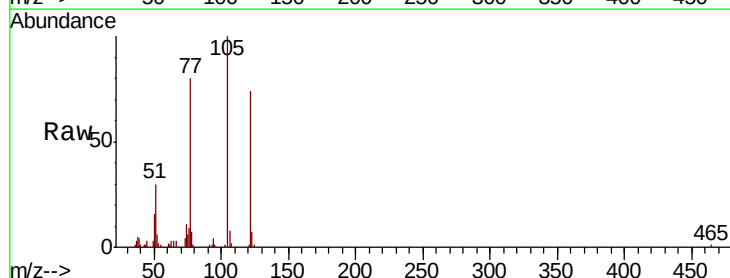
Instrument :
BNA_G
ClientSampleId :
SPMS

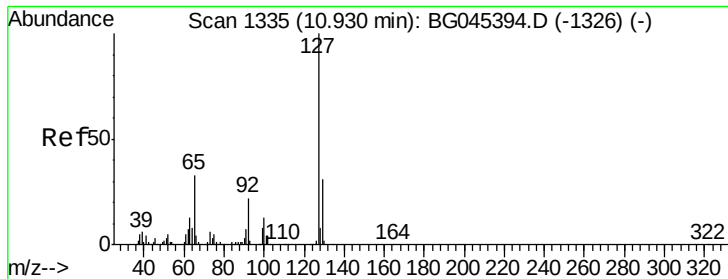
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.9	10.7	16.1



#32
Benzoic acid
Concen: 37.979 ng
RT: 10.12 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	107.9	147.9
77	108.9	78.9	118.9

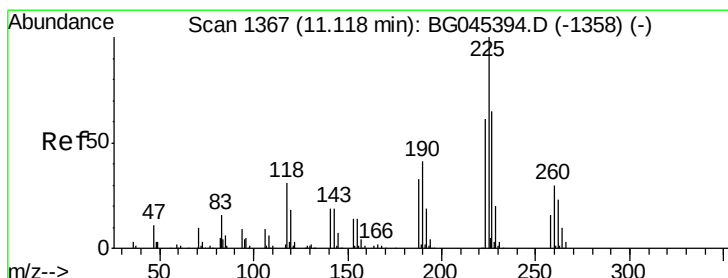
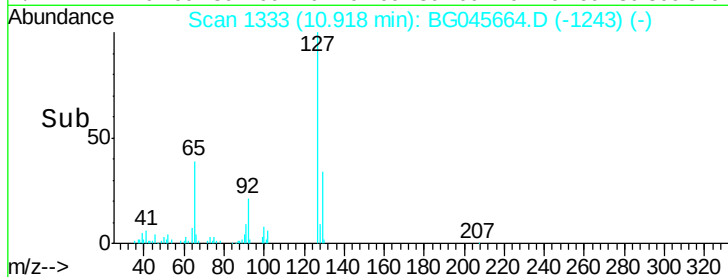
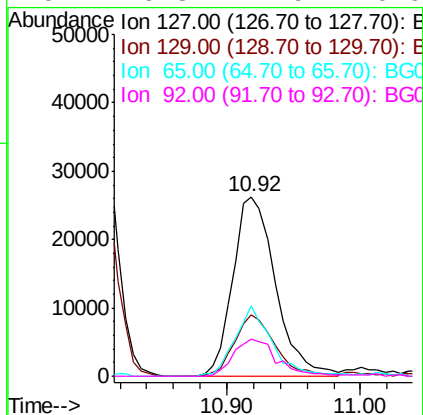
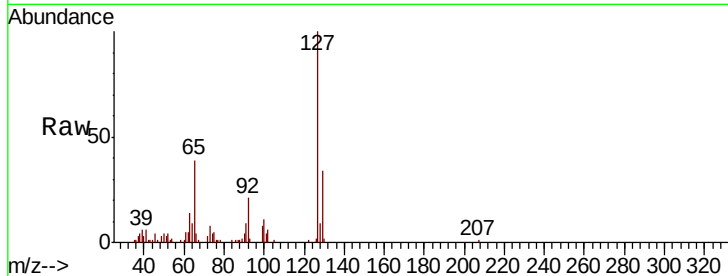




#33
4-Chloroaniline
Concen: 12.059 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

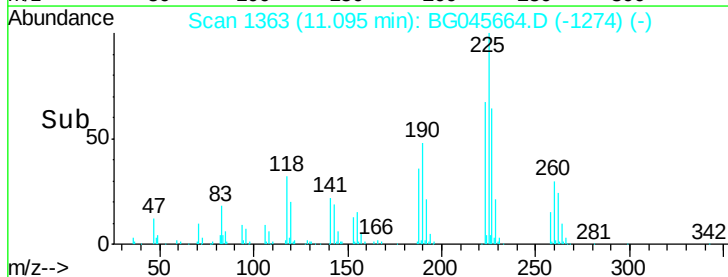
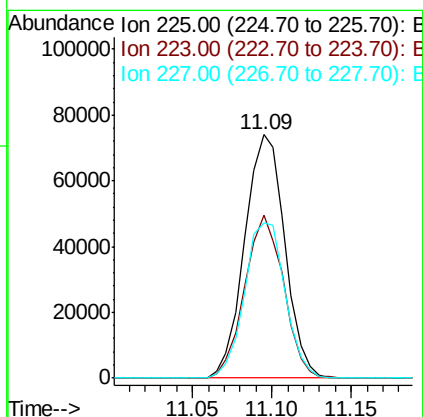
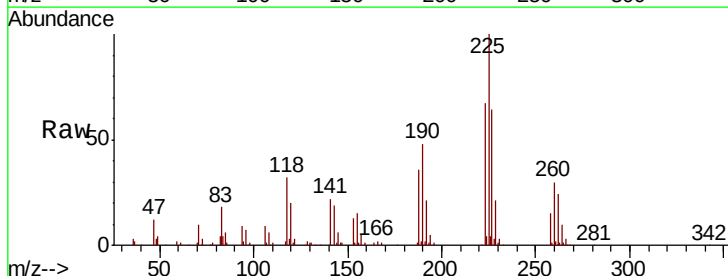
Instrument :
BNA_G
ClientSampleId :
SPMS

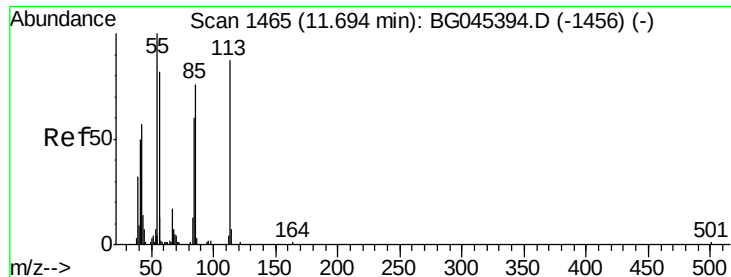
Tot Ion:127	Resp:	58407
Ion	Ratio	Lower Upper
127	100	
129	34.4	24.7 37.1
65	39.4	26.2 39.2#
92	20.8	17.9 26.9



#34
Hexachlorobutadiene
Concen: 42.475 ng
RT: 11.09 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:225	Resp:	129860
Ion	Ratio	Lower Upper
225	100	
223	67.1	49.1 73.7
227	63.6	52.0 78.0

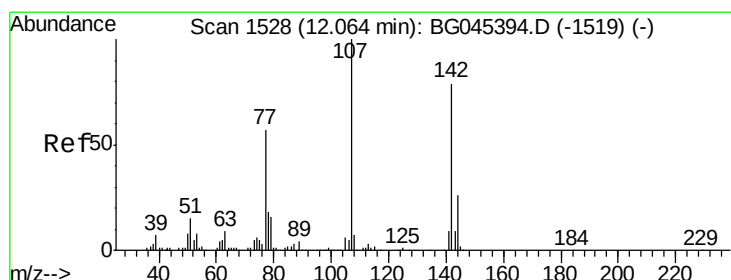
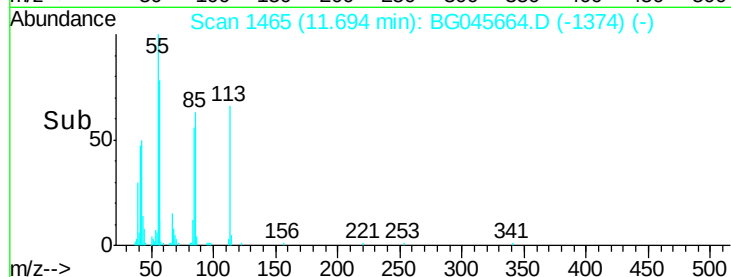
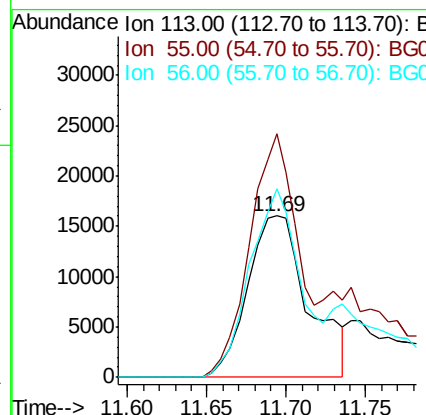
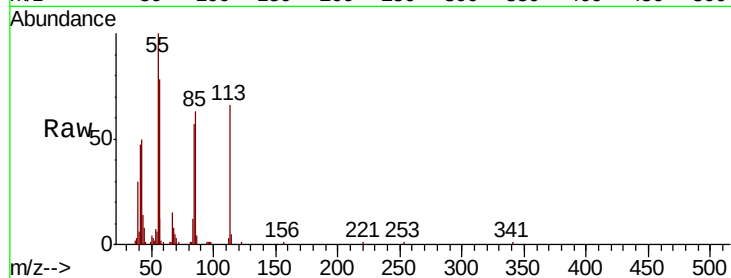




#35
Caprolactam
Concen: 31.820 ng
RT: 11.69 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

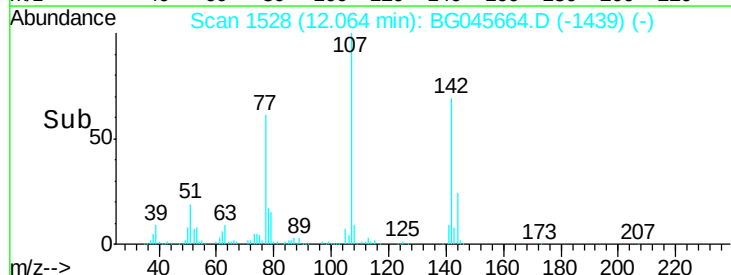
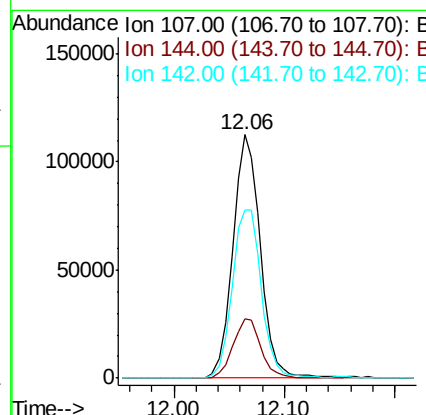
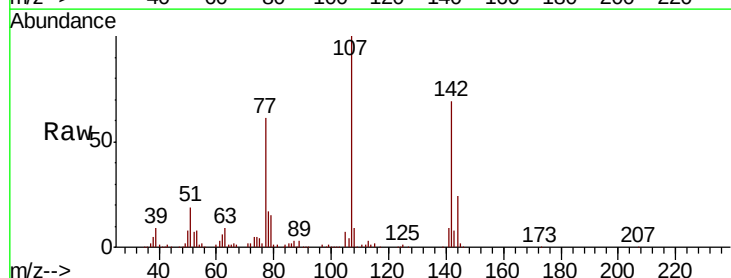
Instrument :
BNA_G
ClientSampleId :
SPMS

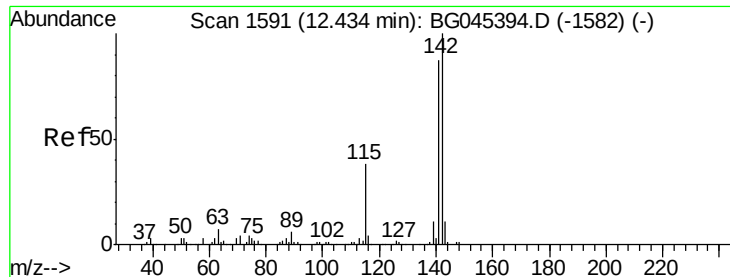
Tot Ion:113 Resp: 42751
Ion Ratio Lower Upper
113 100
55 150.9 96.0 136.0#
56 117.0 75.1 115.1#



#36
4-Chloro-3-methylphenol
Concen: 47.564 ng
RT: 12.06 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:107 Resp: 196183
Ion Ratio Lower Upper
107 100
144 24.2 20.8 31.2
142 69.2 62.8 94.2

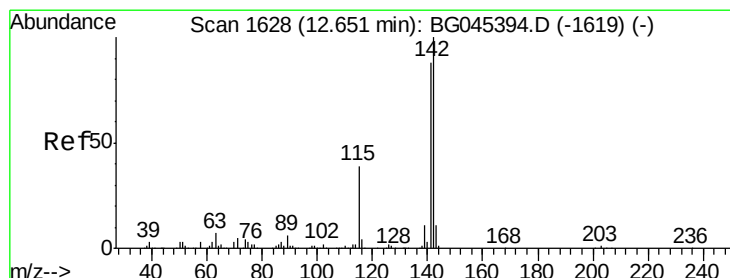
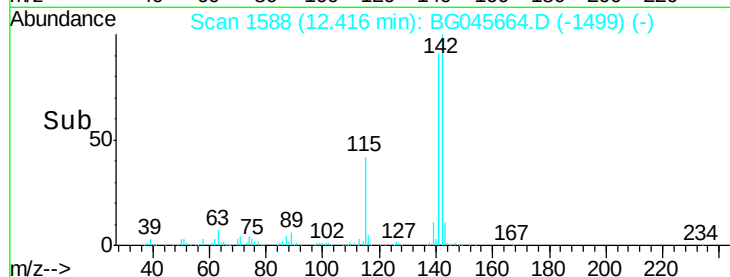
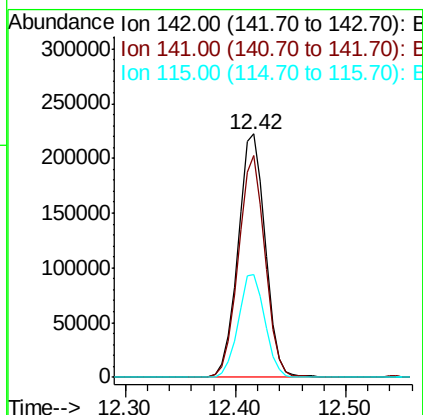
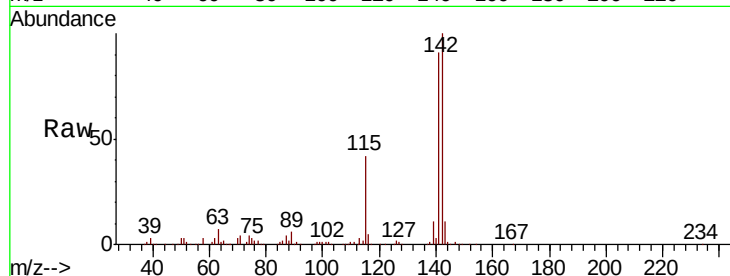




#37
2-Methylnaphthalene
Concen: 44.551 ng
RT: 12.42 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

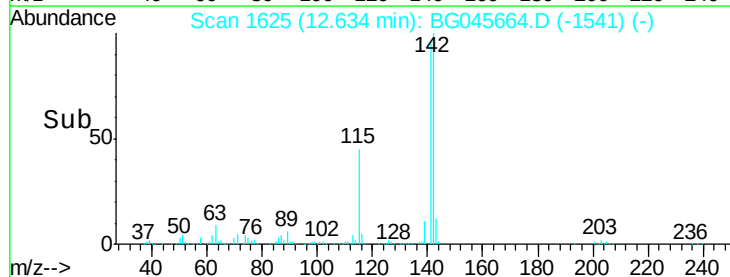
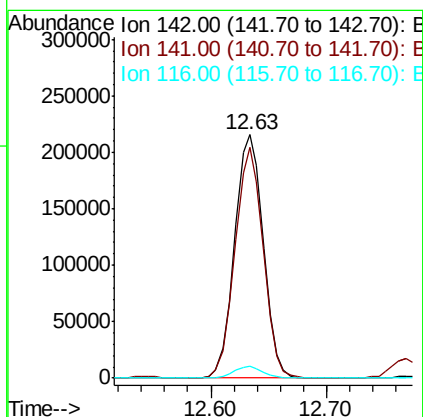
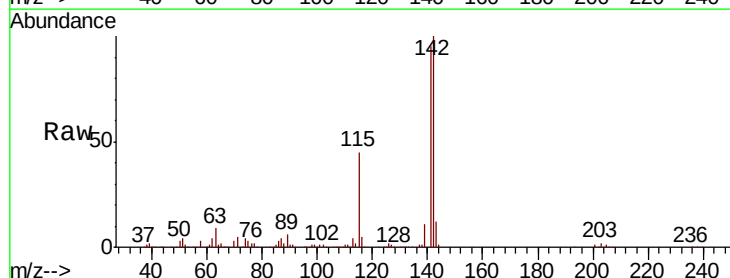
Instrument :
BNA_G
ClientSampleId :
SPMS

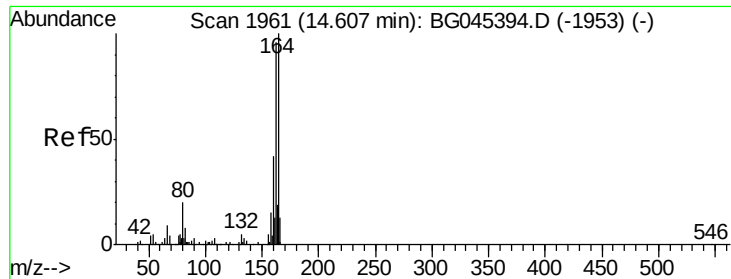
Tot Ion:142 Resp: 384761
Ion Ratio Lower Upper
142 100
141 91.1 70.0 105.0
115 42.4 30.8 46.2



#38
1-Methylnaphthalene
Concen: 45.268 ng
RT: 12.63 min Scan# 1625
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:142 Resp: 369308
Ion Ratio Lower Upper
142 100
141 95.0 70.8 106.2
116 4.8 3.0 4.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

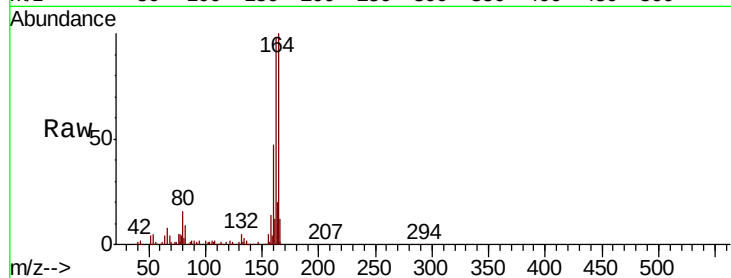
Tot Ion:164 Resp: 183190

Ion Ratio Lower Upper

164 100

162 97.5 76.9 115.3

160 46.7 33.8 50.8

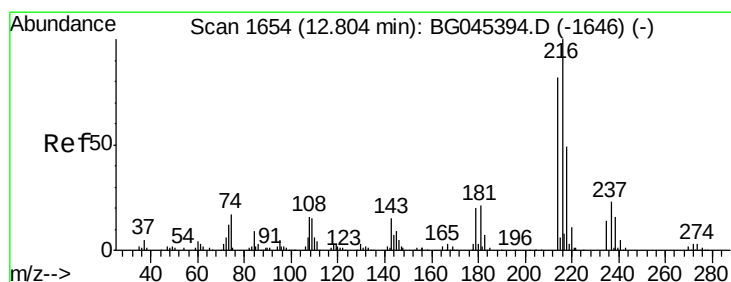
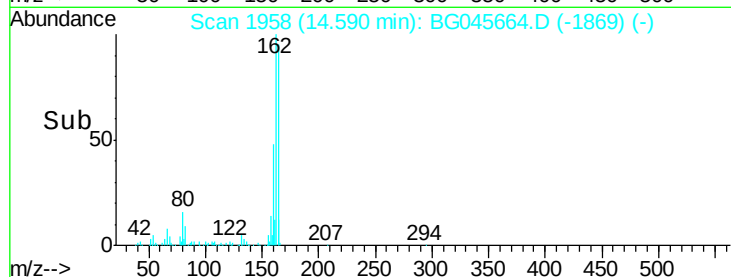
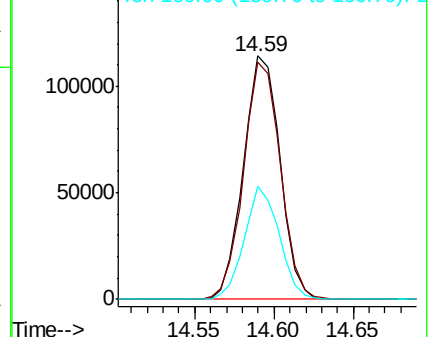


Abundance

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: 43.658 ng

RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Tgt Ion:216 Resp: 223388

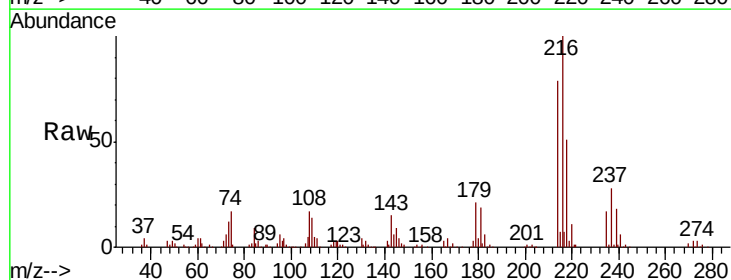
Ion Ratio Lower Upper

216 100

214 78.1 63.7 95.5

179 20.2 16.1 24.1

108 19.5 13.8 20.6



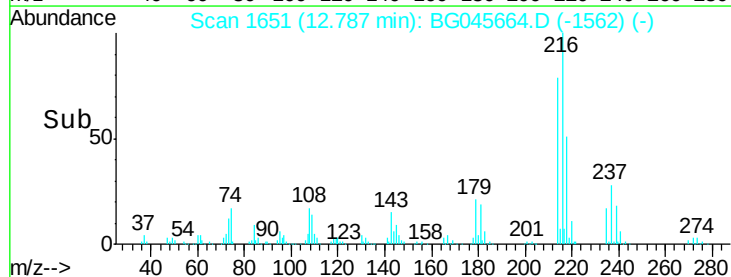
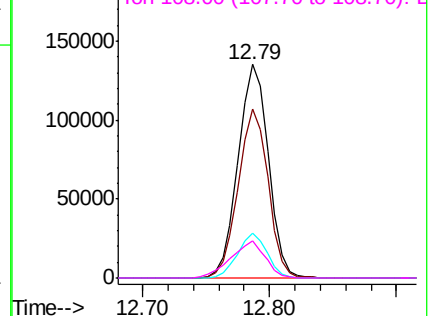
Abundance

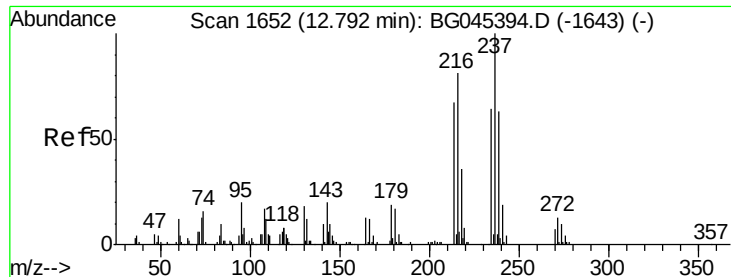
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

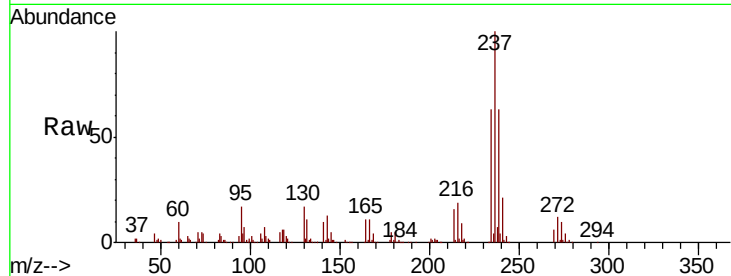




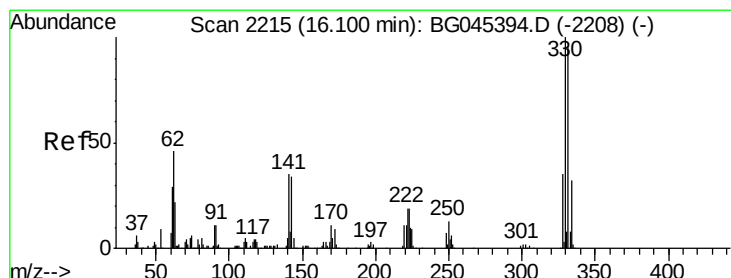
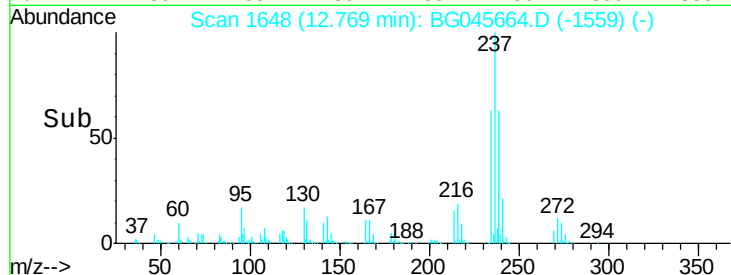
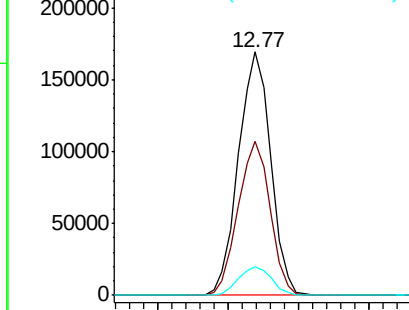
#41
Hexachlorocyclopentadiene
Concen: 91.403 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion:237 Resp: 269942
Ion Ratio Lower Upper
237 100
235 63.5 44.4 84.4
272 11.8 0.0 32.5

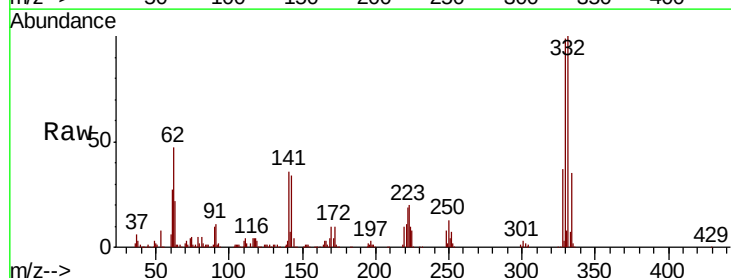


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

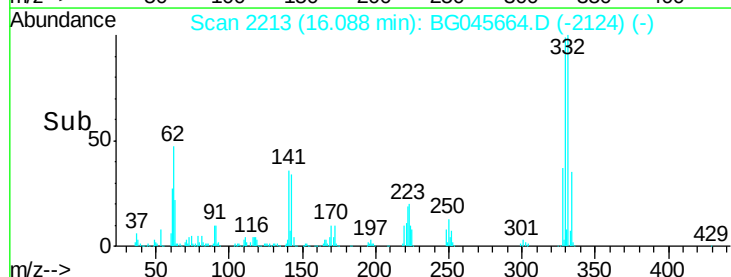
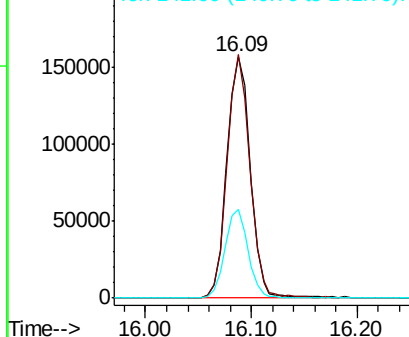


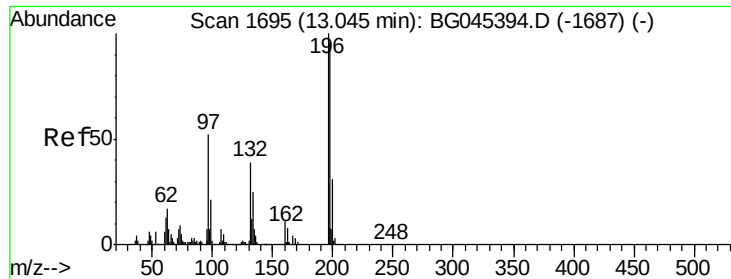
#42
2,4,6-Tribromophenol
Concen: 102.978 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:330 Resp: 241257
Ion Ratio Lower Upper
330 100
332 97.8 78.2 117.4
141 36.5 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

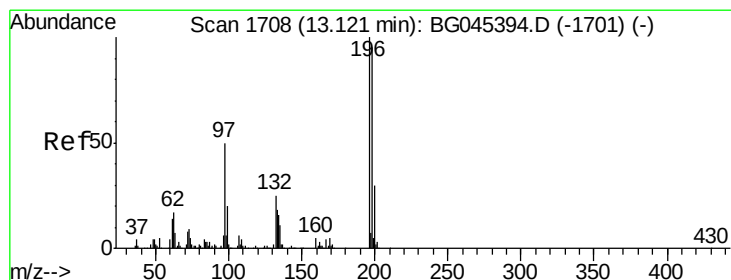
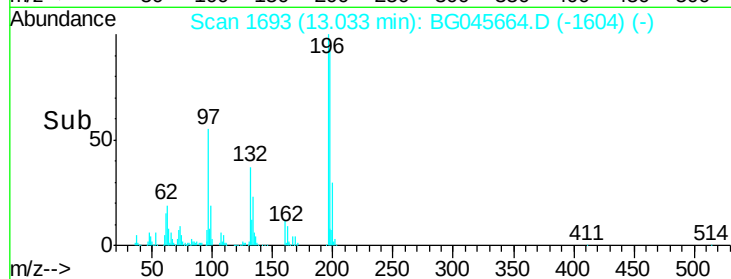
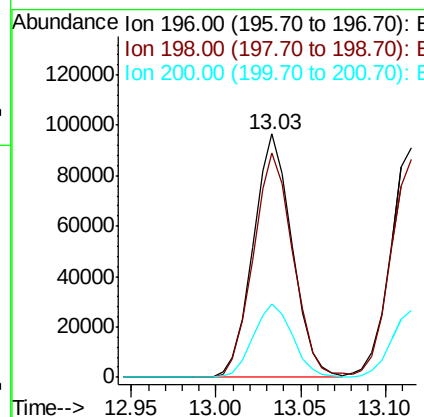
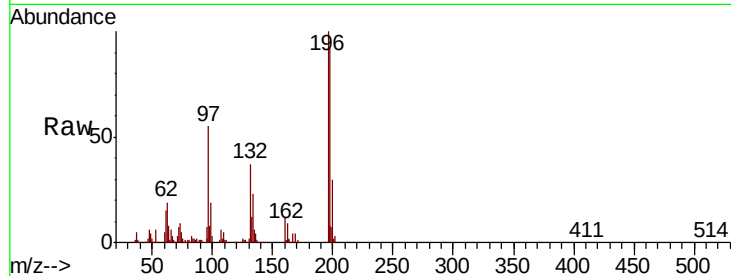




#43
 2,4,6-Trichlorophenol
 Concen: 43.550 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

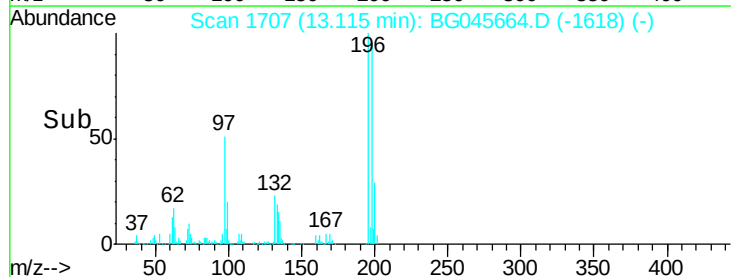
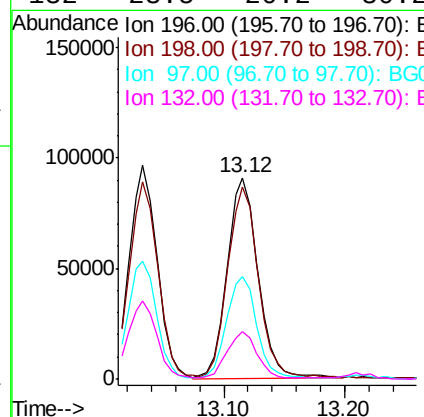
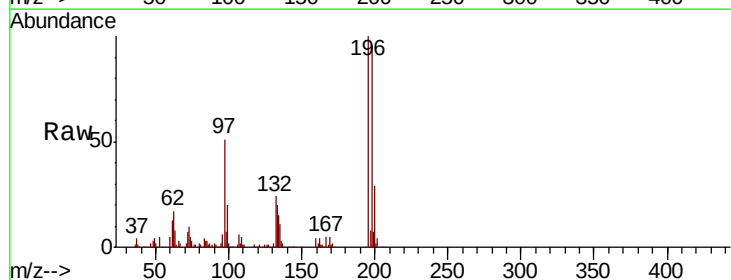
Instrument :
 BNA_G
 ClientSampleId :
 SPMS

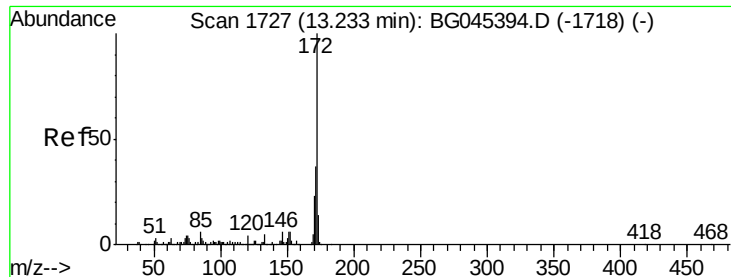
Tot Ion	196	Resp	154795
Ion Ratio	Lower	Upper	
196	100		
198	92.4	76.7	115.1
200	30.2	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.525 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Tgt Ion	196	Resp	160542
Ion Ratio	Lower	Upper	
196	100		
198	95.1	76.1	114.1
97	50.8	40.0	60.0
132	23.5	20.2	30.2

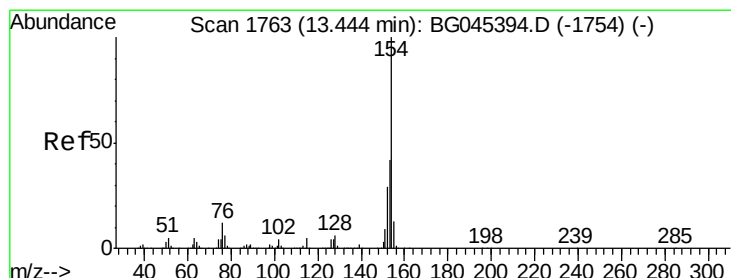
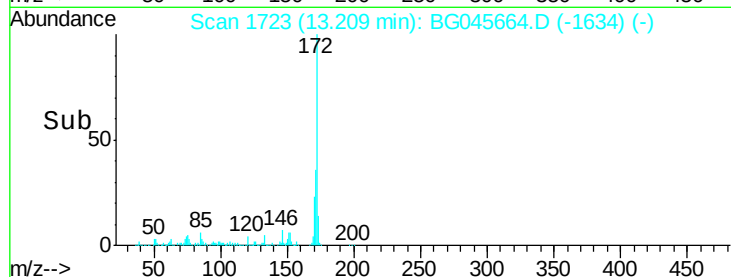
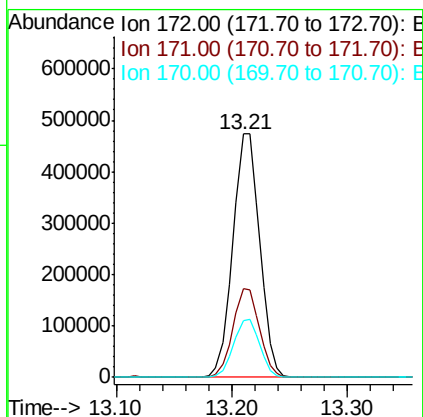
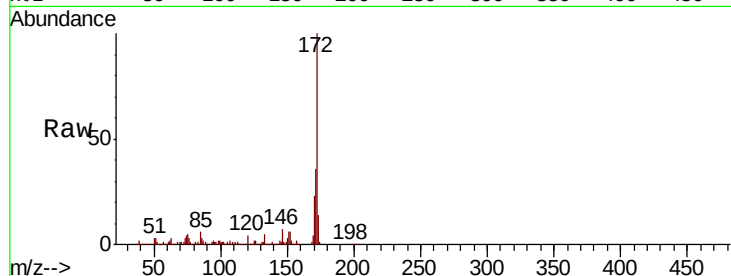




#45
2-Fluorobiphenyl
Concen: 70.855 ng
RT: 13.21 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

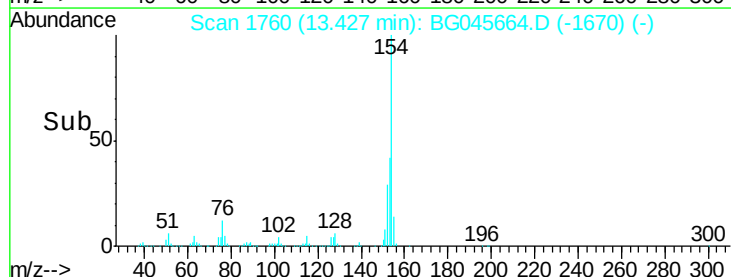
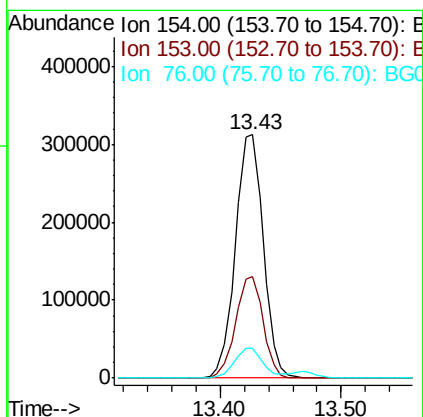
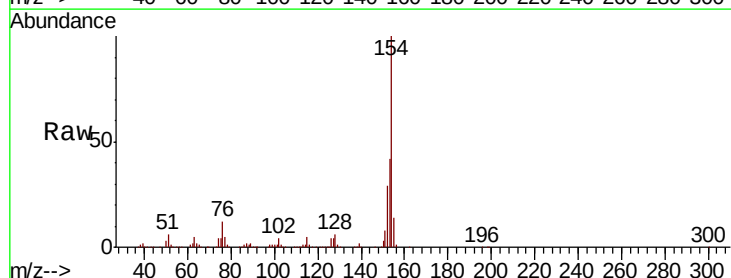
Instrument :
BNA_G
ClientSampleId :
SPMS

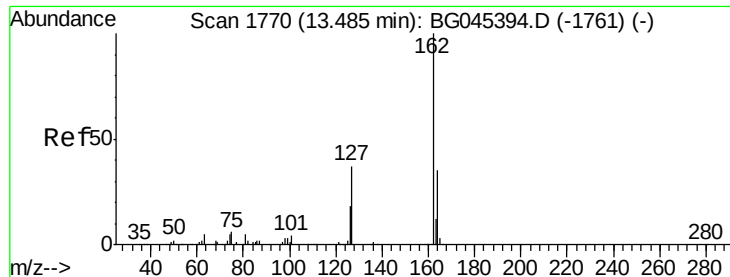
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.5	44.3
170	23.0	18.5	27.7



#46
1,1'-Biphenyl
Concen: 44.901 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.2	62.2
76	12.5	0.0	32.4

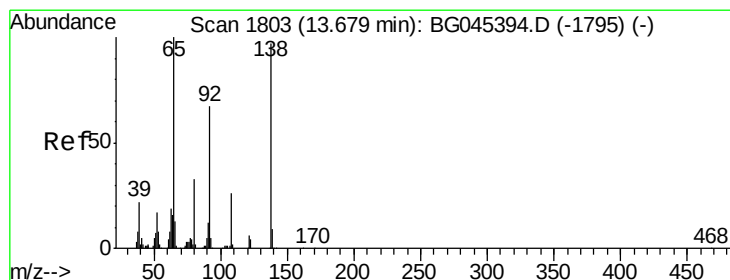
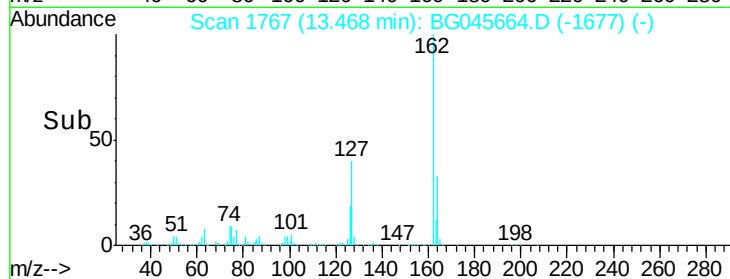
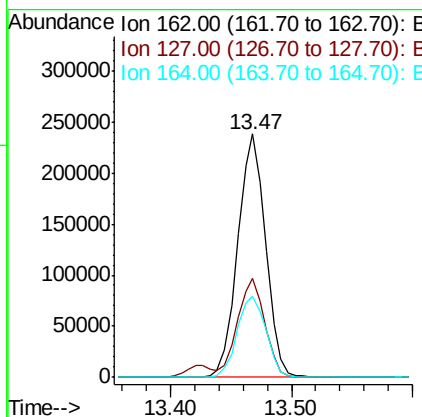
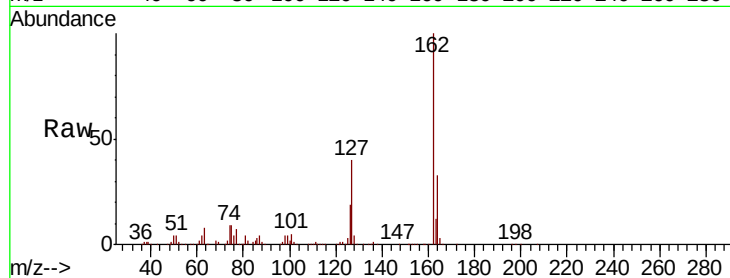




#47
 2-Chloronaphthalene
 Concen: 41.856 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

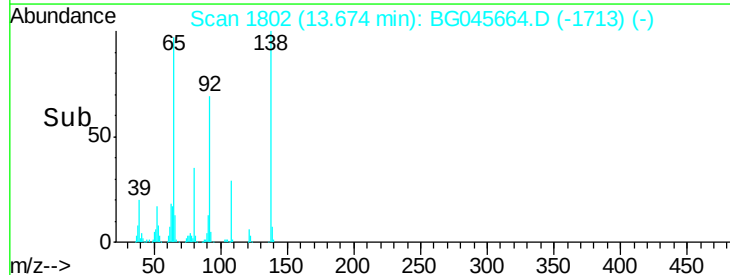
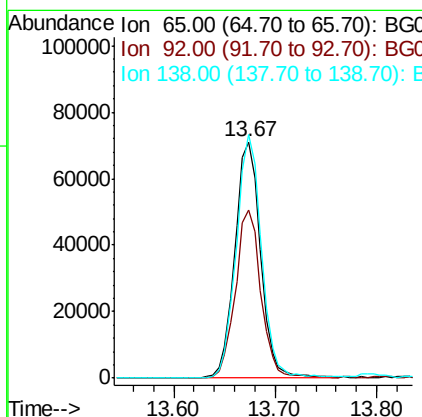
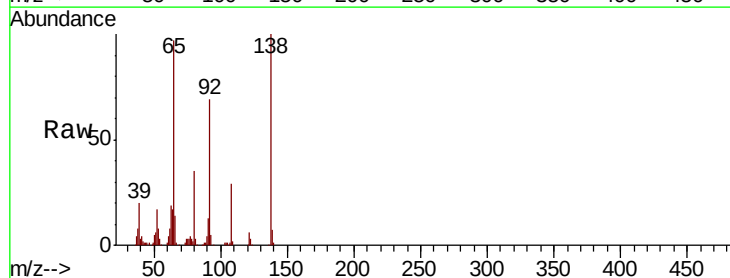
Instrument :
 BNA_G
 ClientSampleId :
 SPMS

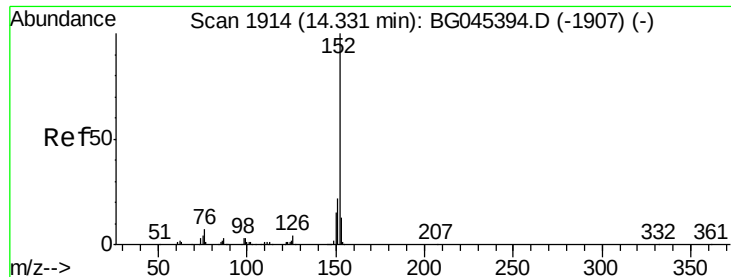
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.6	47.4
164	33.1	28.1	42.1



#48
 2-Nitroaniline
 Concen: 41.818 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.8	80.8
138	103.1	77.9	116.9





#49

Acenaphthylene

Concen: 43.317 ng

RT: 14.31 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampled :

SPMS

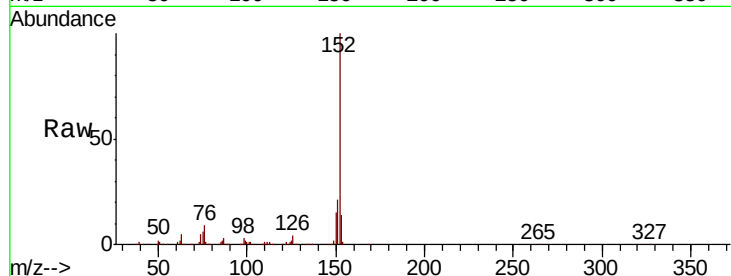
Tot Ion:152 Resp: 635977

Ion Ratio Lower Upper

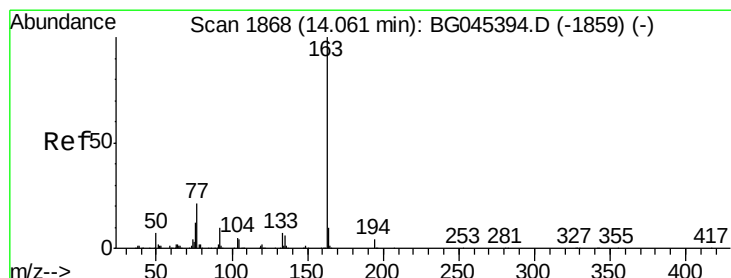
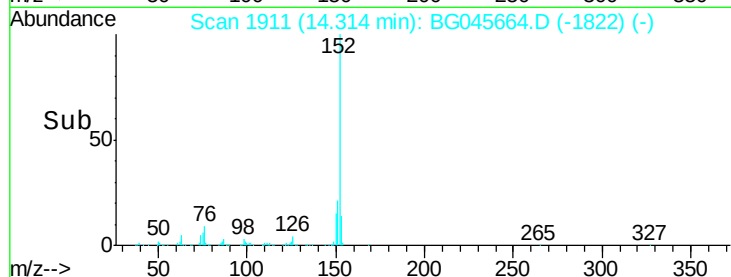
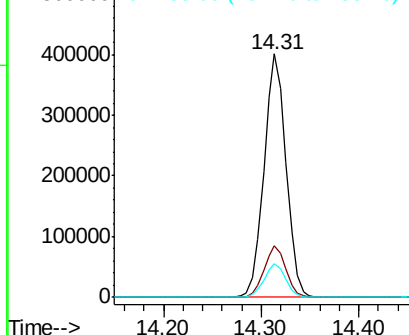
152 100

151 21.2 17.4 26.2

153 13.7 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: 48.278 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

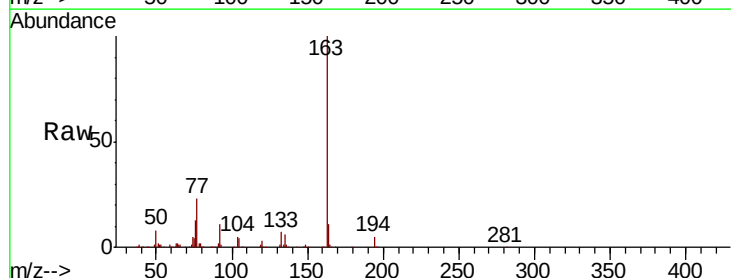
Tgt Ion:163 Resp: 606698

Ion Ratio Lower Upper

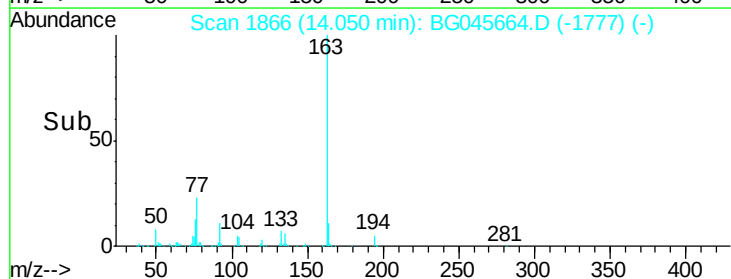
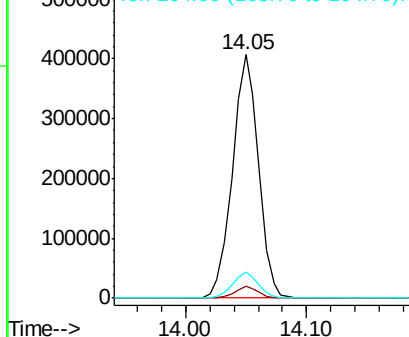
163 100

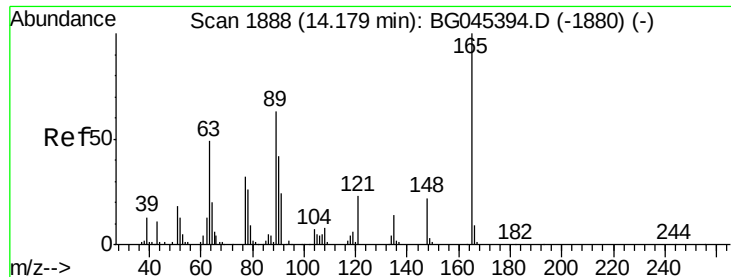
194 4.8 3.2 4.8#

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

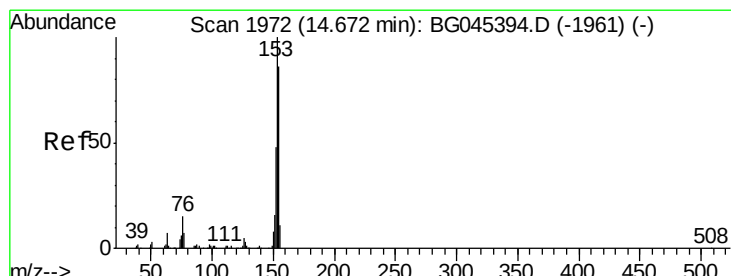
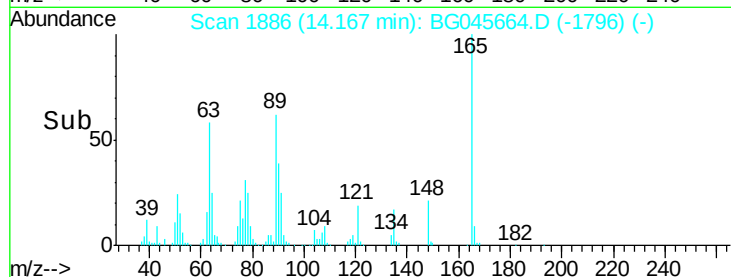
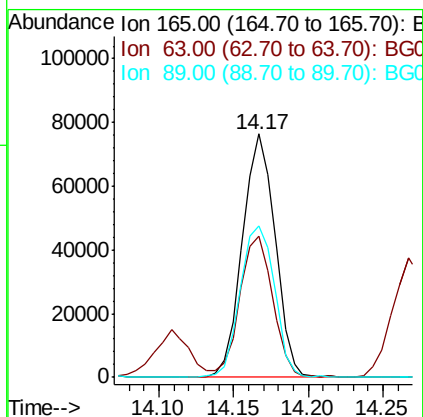
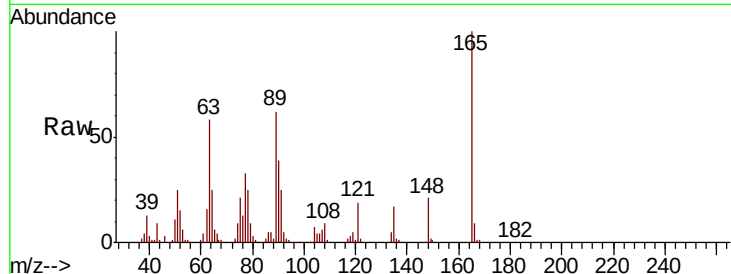




#51
 2,6-Dinitrotoluene
 Concen: 40.964 ng
 RT: 14.17 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

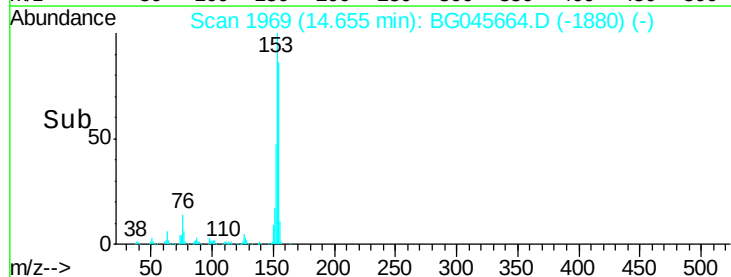
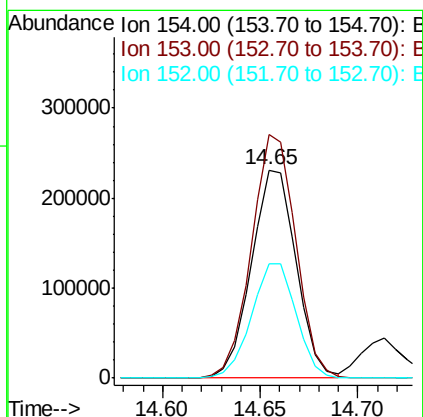
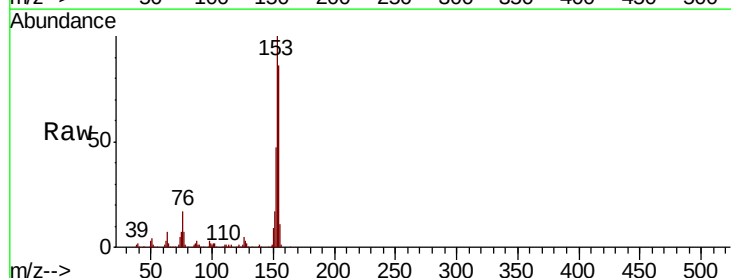
Instrument :
 BNA_G
 ClientSampleId :
 SPMS

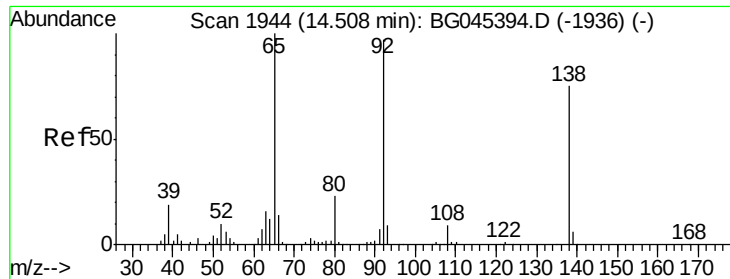
Tot Ion:165 Resp: 116161
 Ion Ratio Lower Upper
 165 100
 63 58.2 45.0 67.4
 89 62.0 50.2 75.4



#52
 Acenaphthene
 Concen: 37.447 ng
 RT: 14.65 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Tgt Ion:154 Resp: 368017
 Ion Ratio Lower Upper
 154 100
 153 116.8 92.8 139.2
 152 54.6 44.6 66.8

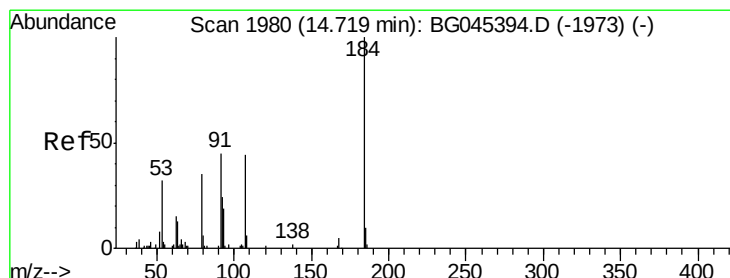
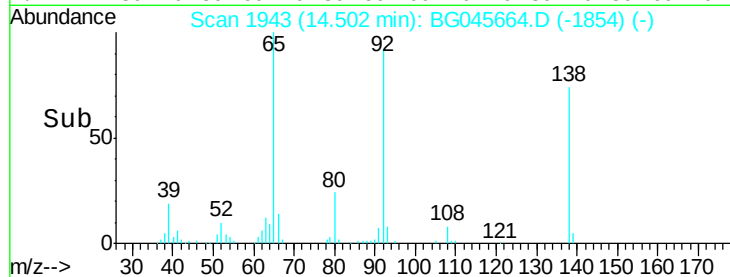
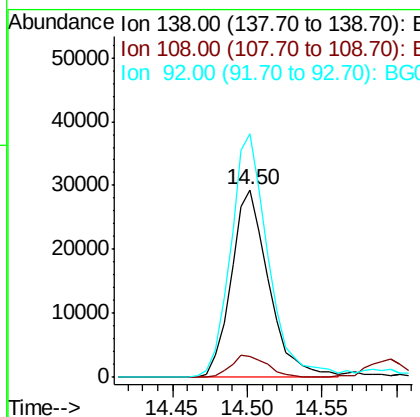
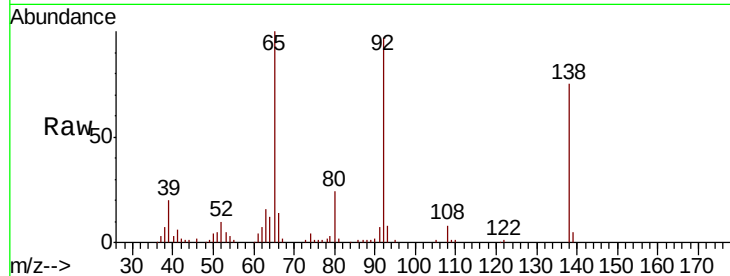




#53
 3-Nitroaniline
 Concen: 17.774 ng
 RT: 14.50 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

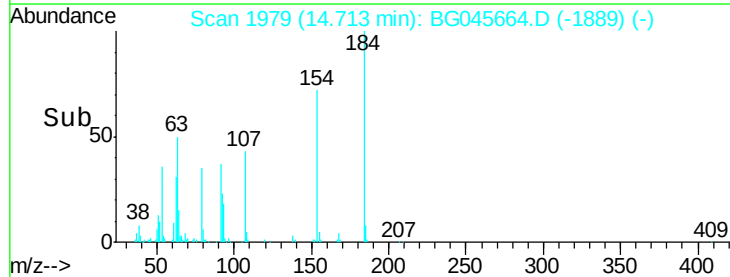
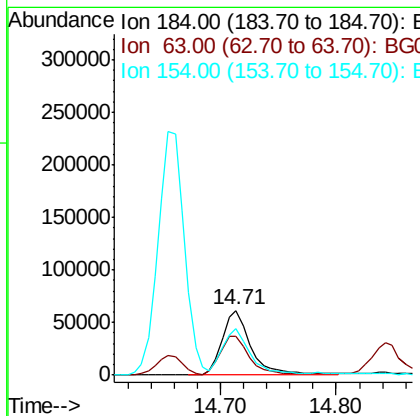
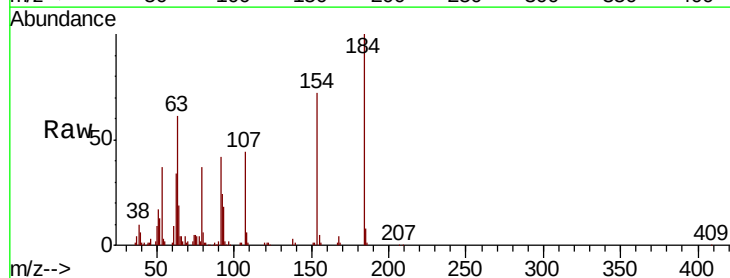
Instrument :
 BNA_G
 ClientSampleId :
 SPMS

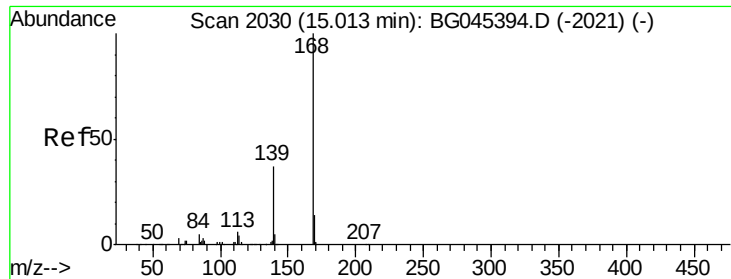
Tot Ion:138 Resp: 51235
 Ion Ratio Lower Upper
 138 100
 108 11.1 9.8 14.6
 92 130.0 103.0 154.4



#54
 2,4-Dinitrophenol
 Concen: 58.964 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Tgt Ion:184 Resp: 106668
 Ion Ratio Lower Upper
 184 100
 63 61.0 47.8 71.6
 154 71.7 58.3 87.5

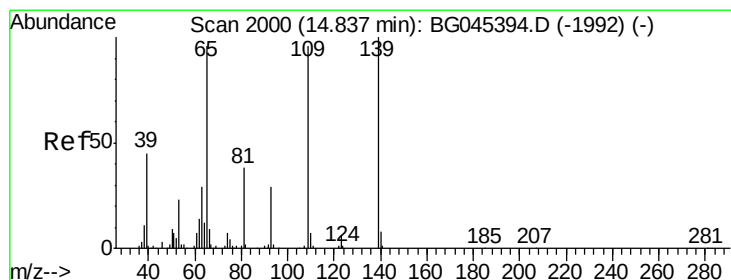
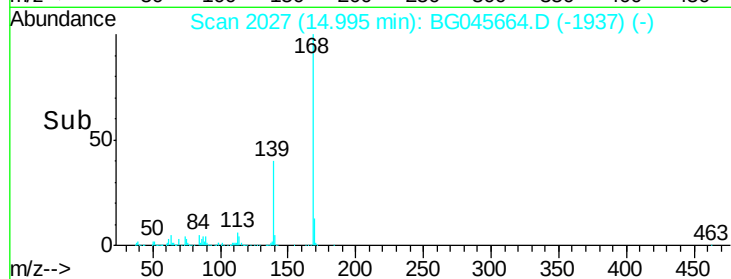
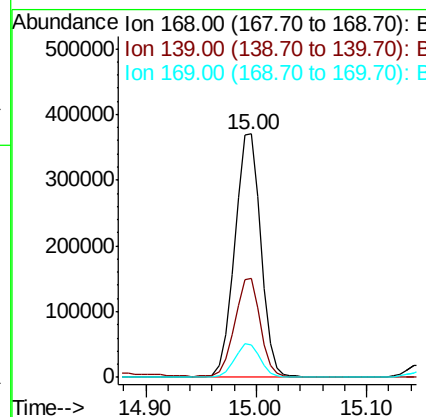
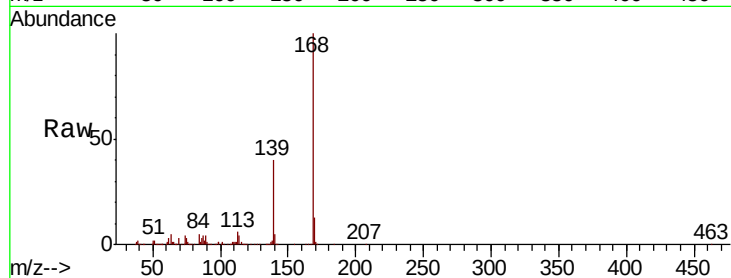




#55
Dibenzofuran
Concen: 42.164 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

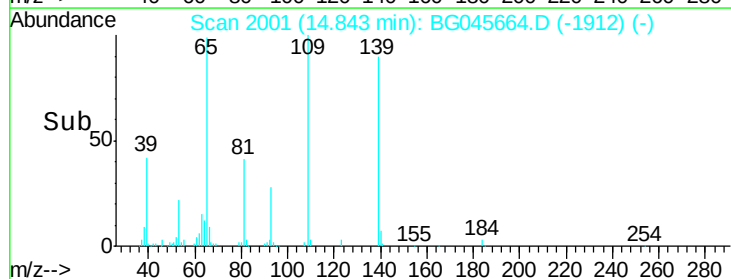
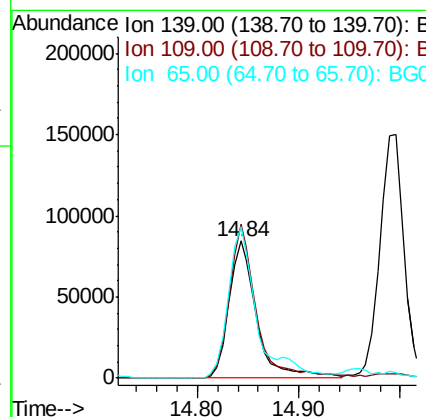
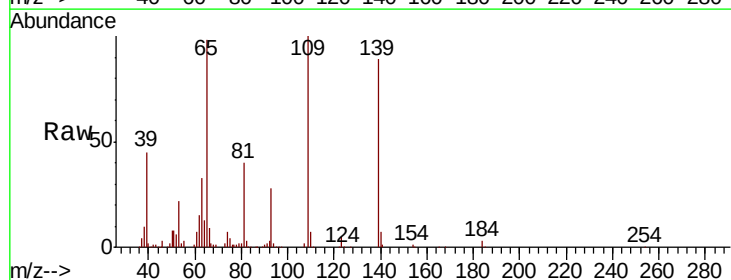
Instrument :
BNA_G
ClientSampled :
SPMS

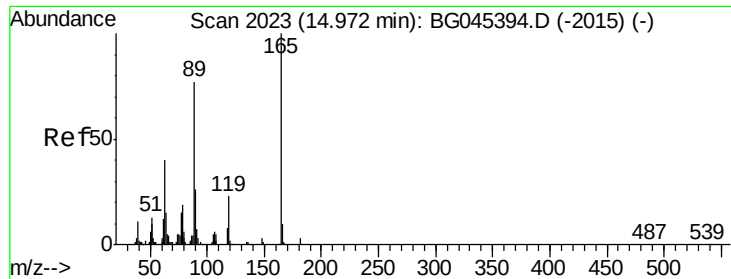
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	29.9	44.9
169	13.5	10.9	16.3



#56
4-Nitrophenol
Concen: 72.910 ng
RT: 14.84 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	112.1	75.6	115.6
65	110.3	76.8	116.8

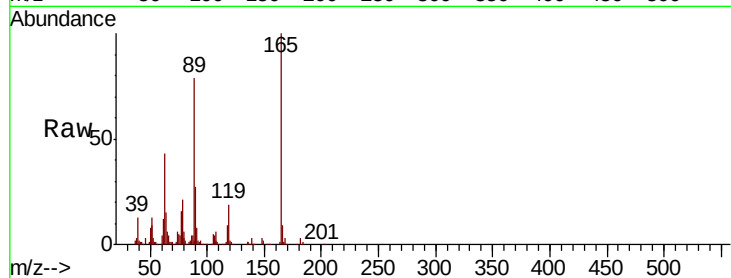




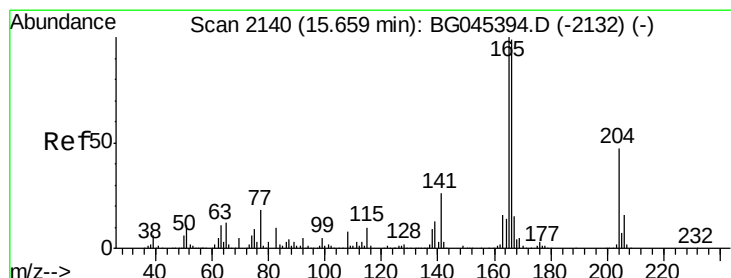
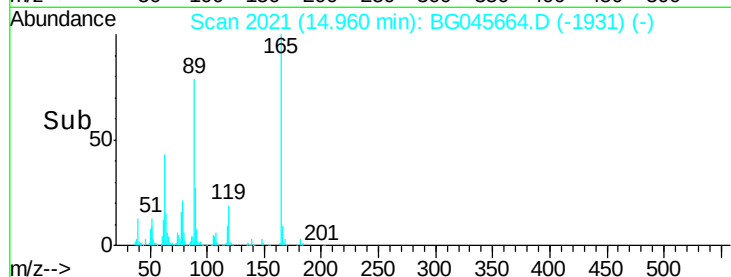
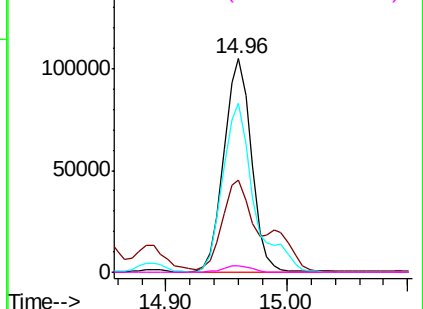
#57
2,4-Dinitrotoluene
Concen: 40.485 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion:165 Resp: 166265
Ion Ratio Lower Upper
165 100
63 43.4 32.5 48.7
89 78.9 61.8 92.6
182 2.9 2.3 3.5

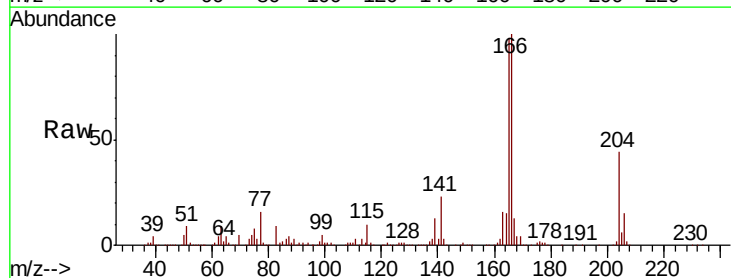


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

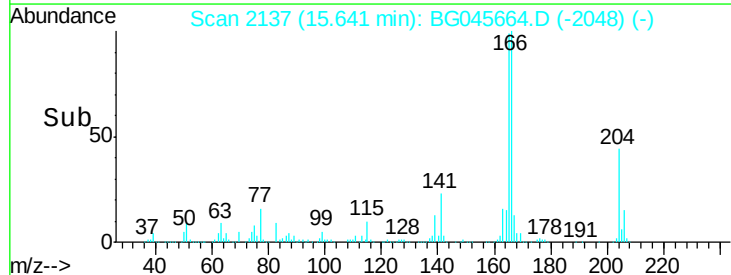
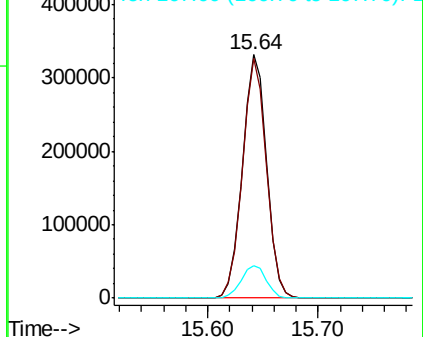


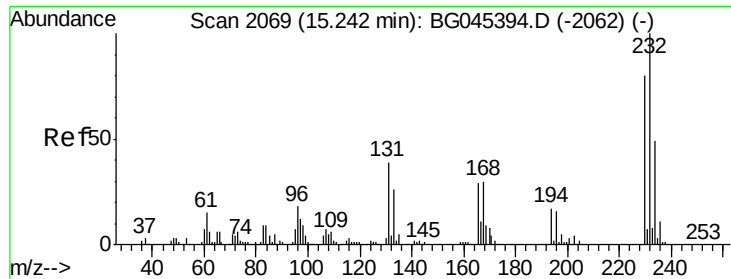
#58
Fluorene
Concen: 42.463 ng
RT: 15.64 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:166 Resp: 509133
Ion Ratio Lower Upper
166 100
165 98.4 80.8 121.2
167 13.2 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

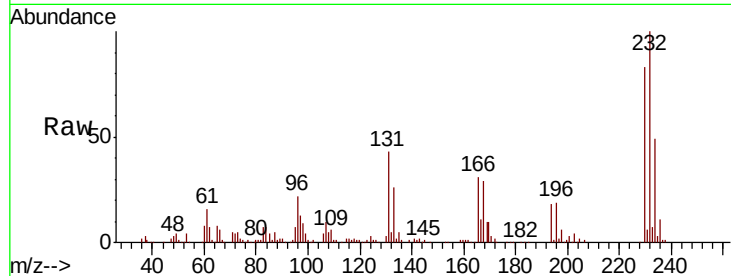




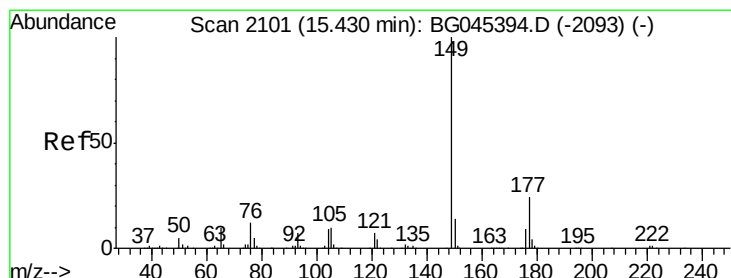
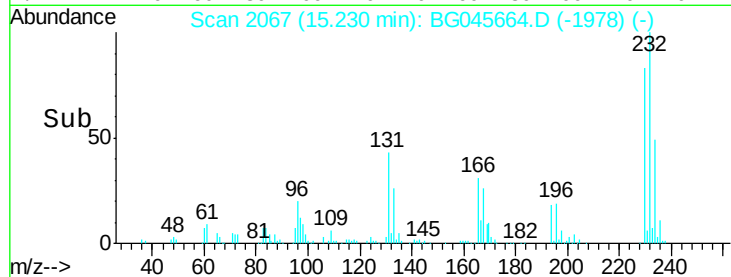
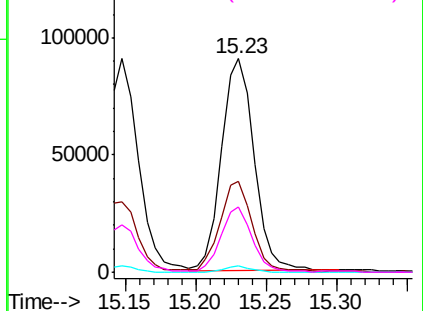
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.917 ng
 RT: 15.23 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Instrument :
 BNA_G
 ClientSampleId :
 SPMS

Tot Ion:	232	Resp:	146215
Ion	Ratio	Lower	Upper
232	100		
131	42.2	33.7	50.5
130	2.5	2.1	3.1
166	28.4	23.2	34.8

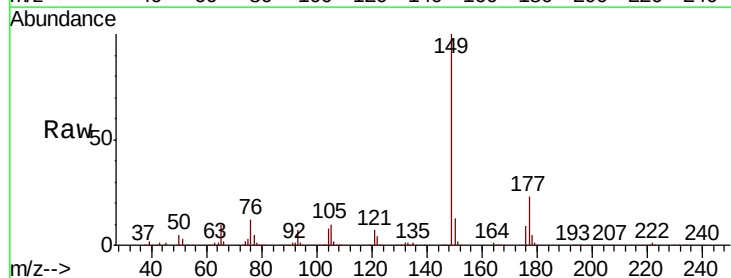


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

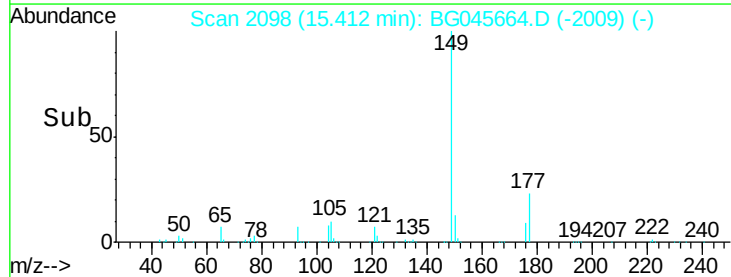
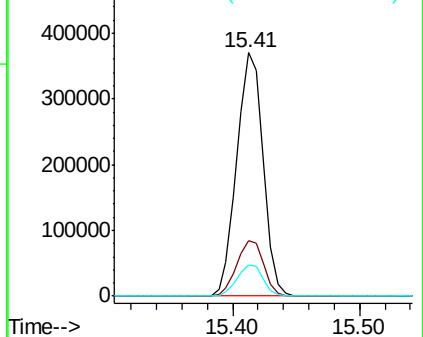


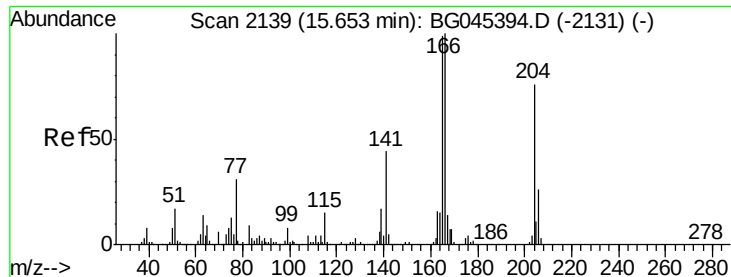
#60
 Diethylphthalate
 Concen: 40.532 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG045664.D
 Acq: 9 Jun 2020 15:05

Tgt Ion:	149	Resp:	530155
Ion	Ratio	Lower	Upper
149	100		
177	22.9	19.0	28.4
150	12.6	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

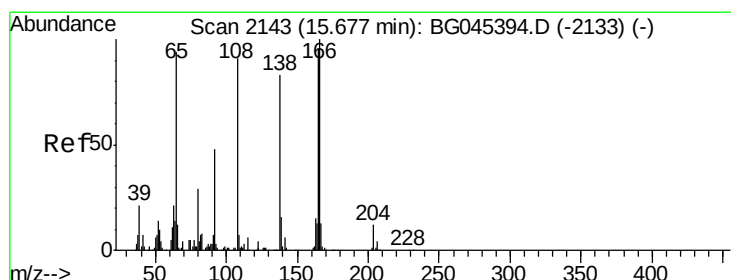
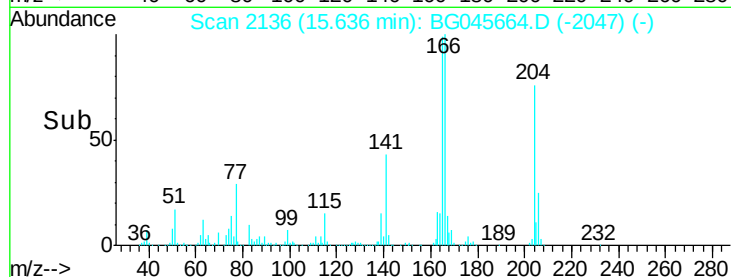
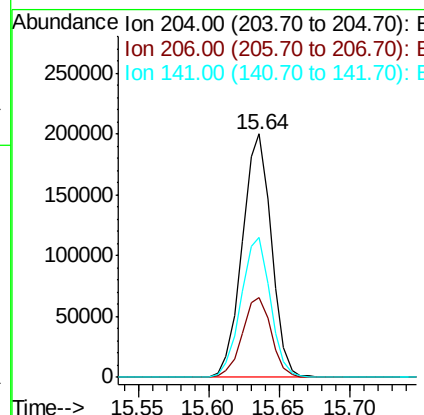
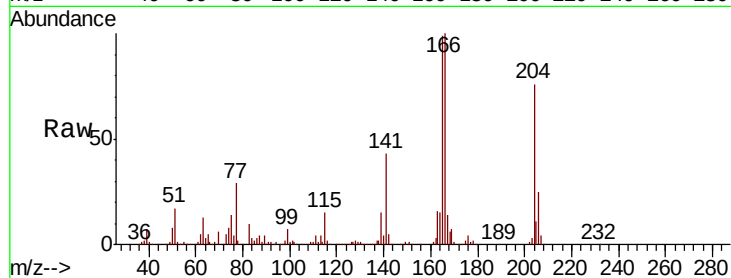




#61
4-Chlorophenyl-phenylether
Concen: 42.015 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

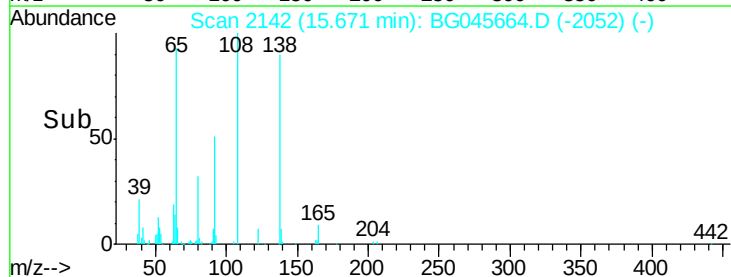
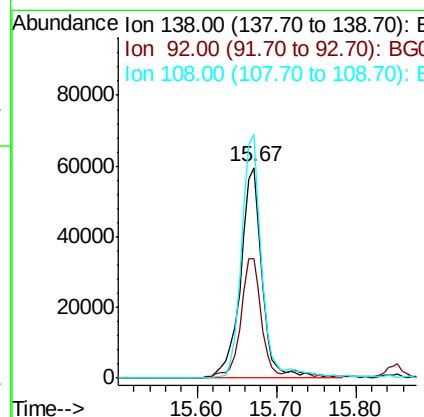
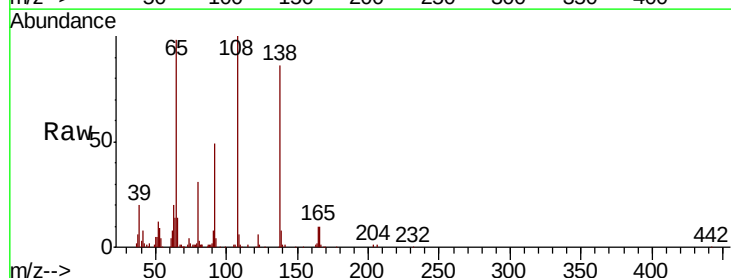
Instrument :
BNA_G
ClientSampleId :
SPMS

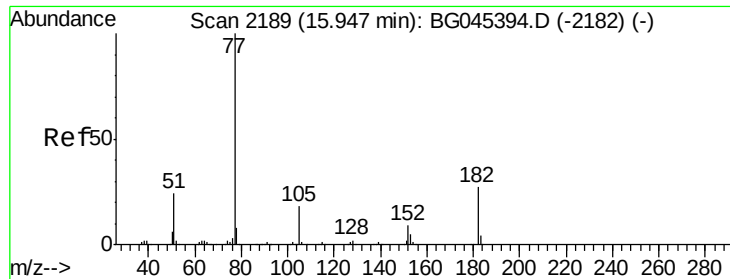
Tot Ion:204 Resp: 288273
Ion Ratio Lower Upper
204 100
206 32.9 27.3 40.9
141 57.4 45.9 68.9



#62
4-Nitroaniline
Concen: 37.453 ng
RT: 15.67 min Scan# 2142
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:138 Resp: 112709
Ion Ratio Lower Upper
138 100
92 56.6 38.0 78.0
108 115.6 89.3 129.3





#63

Azobenzene

Concen: 42.353 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

Tot Ion: 77 Resp: 516543

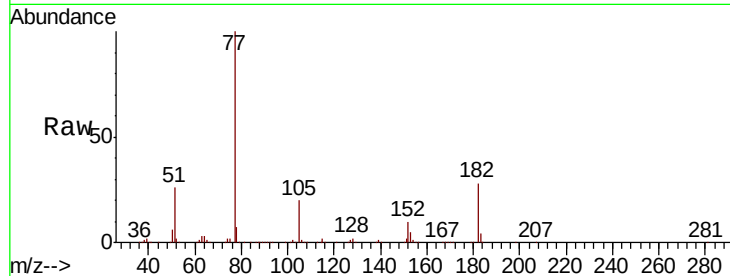
Ion Ratio Lower Upper

77 100

182 28.2 6.5 46.5

105 19.9 0.0 37.9

51 25.6 4.1 44.1

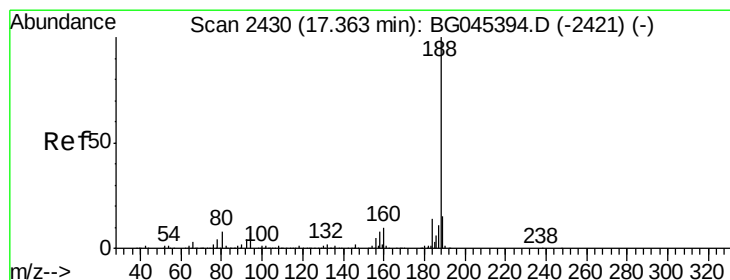
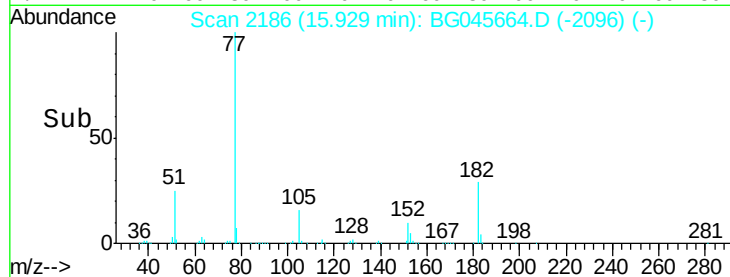
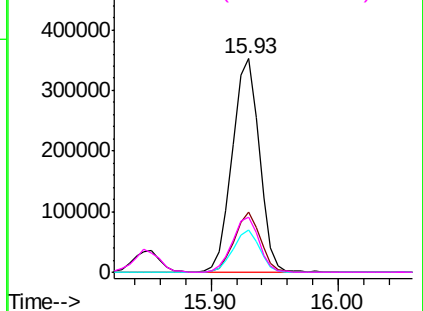


Abundance Ion 77.00 (76.70 to 77.70): BGC

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. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

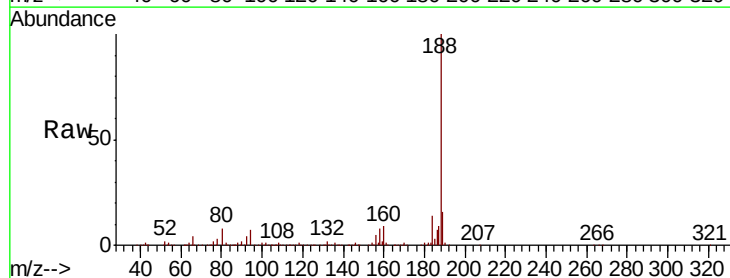
Tgt Ion: 188 Resp: 425003

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

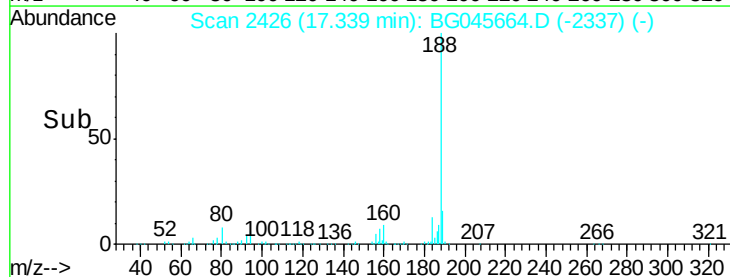
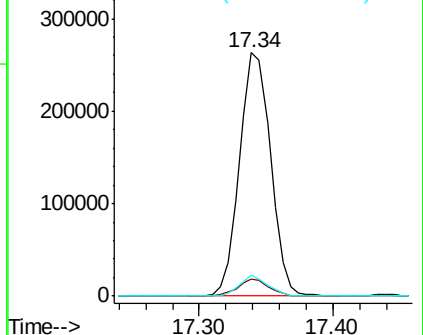
80 8.3 6.6 10.0

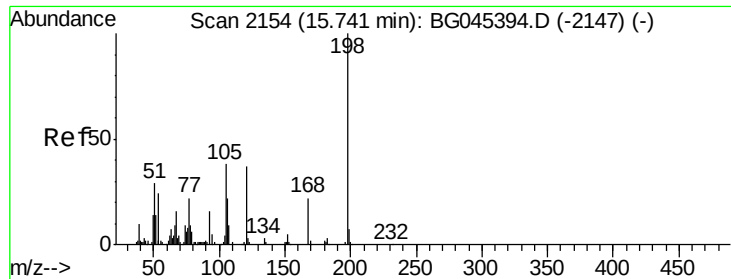


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 40.113 ng

RT: 15.73 min Scan# 2152

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

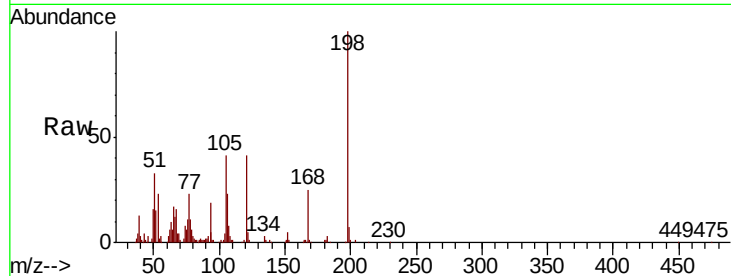
Tot Ion:198 Resp: 99289

Ion	Ratio	Lower	Upper
198	100		
51	32.5	10.0	50.0
105	41.5	18.9	58.9

198 100

51 32.5 10.0 50.0

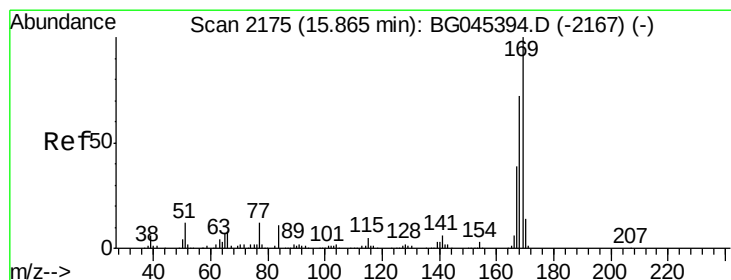
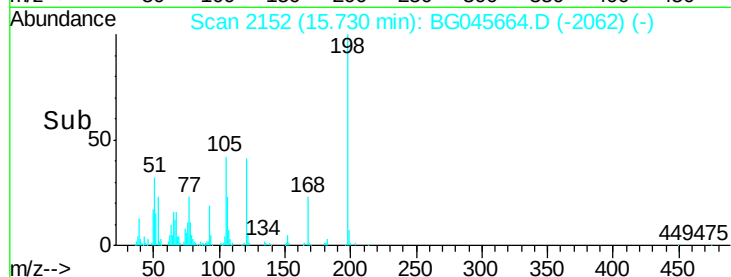
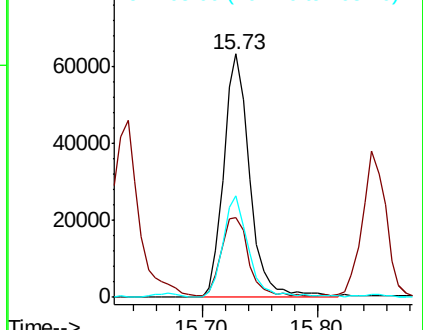
105 41.5 18.9 58.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.060 ng

RT: 15.85 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

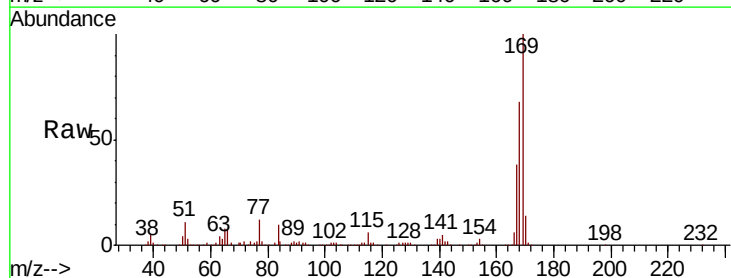
Tgt Ion:169 Resp: 449603

Ion	Ratio	Lower	Upper
169	100		
168	68.5	57.8	86.6
167	38.4	31.5	47.3

169 100

168 68.5 57.8 86.6

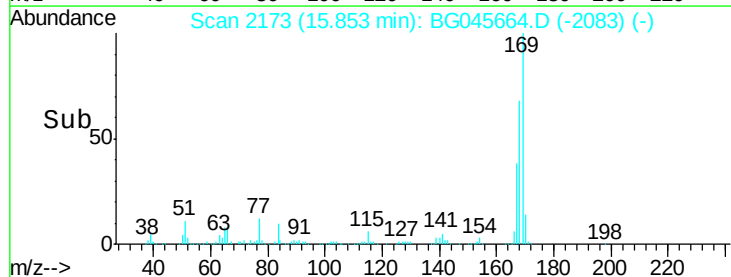
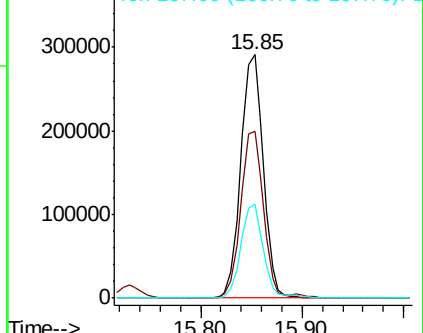
167 38.4 31.5 47.3

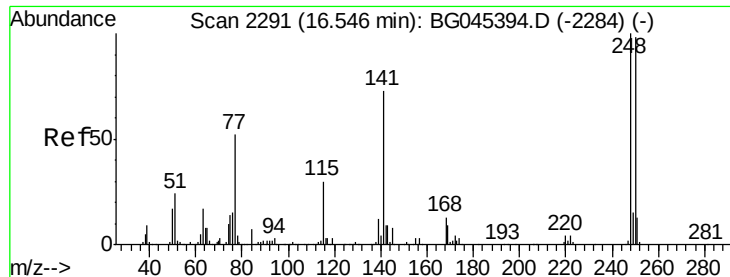


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

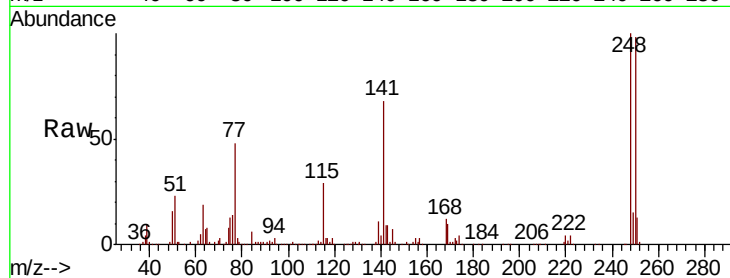




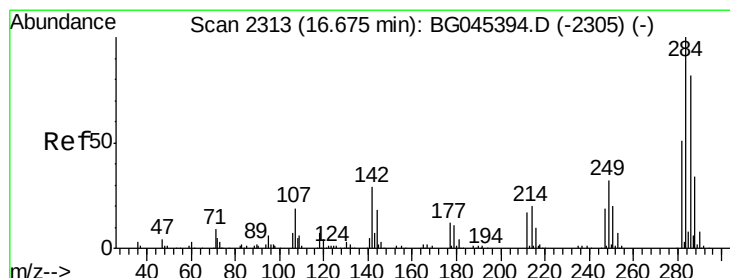
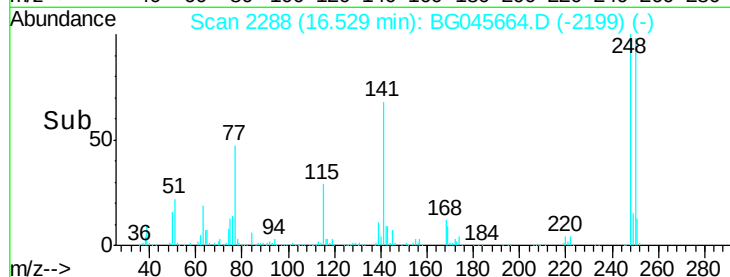
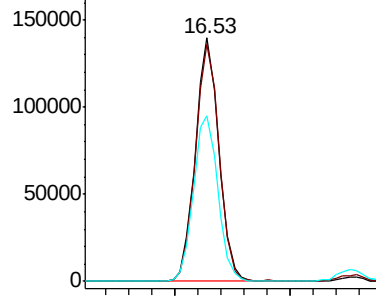
#67
4-Bromophenyl-phenylether
Concen: 42.782 ng
RT: 16.53 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Instrument :
BNA_G
ClientSampled :
SPMS

Tot Ion:248 Resp: 196887
Ion Ratio Lower Upper
248 100
250 97.5 78.6 117.8
141 68.0 58.2 87.2

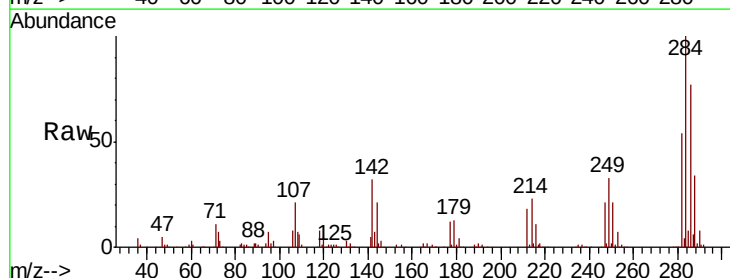


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

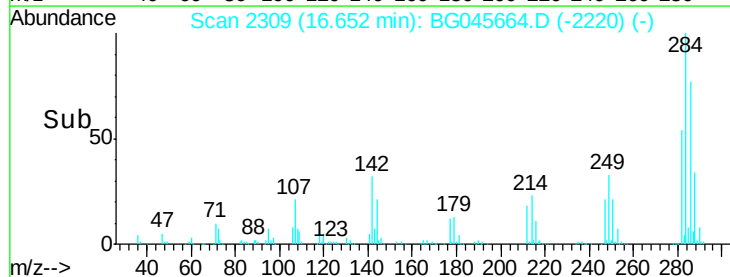
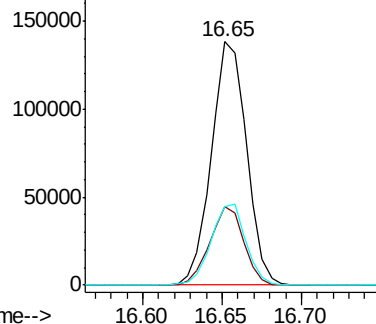


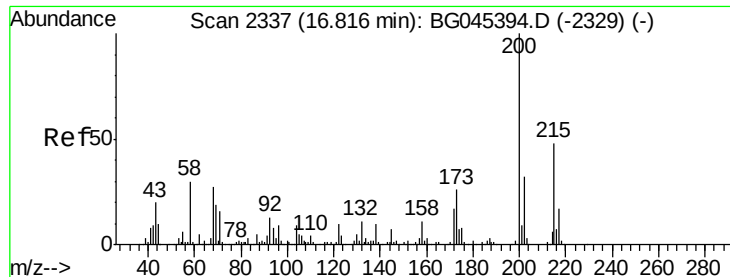
#68
Hexachlorobenzene
Concen: 44.234 ng
RT: 16.65 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:284 Resp: 212917
Ion Ratio Lower Upper
284 100
142 32.3 23.0 34.6
249 32.5 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

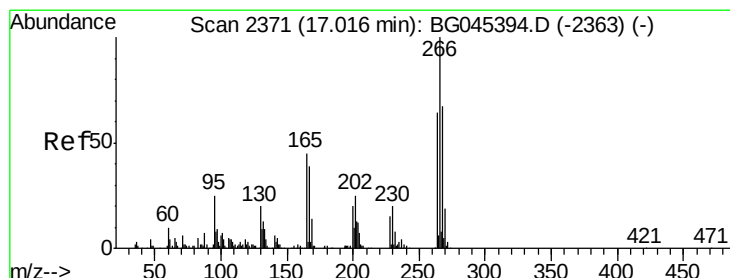
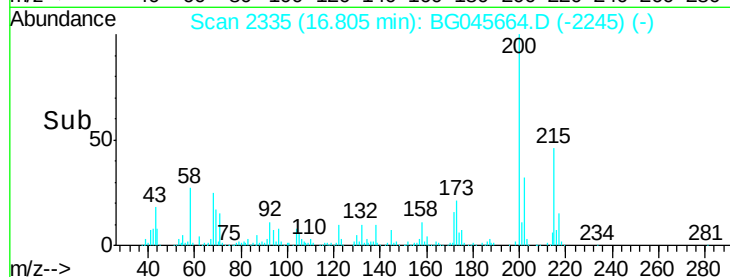
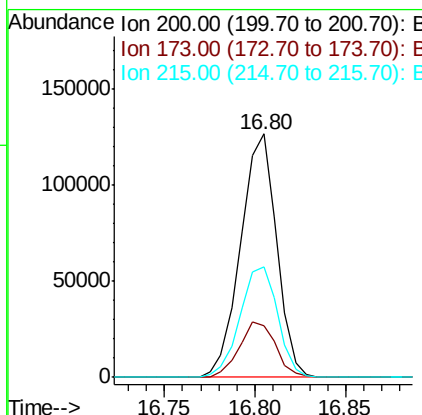
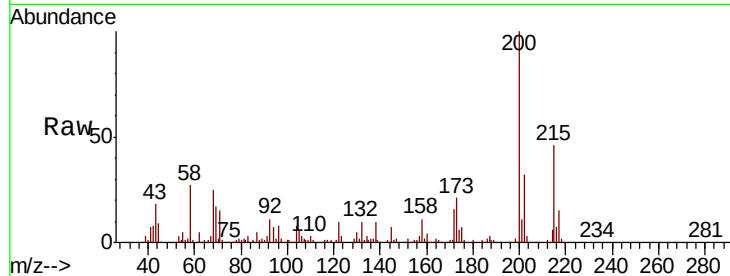




#69
Atrazine
Concen: 41.572 ng
RT: 16.80 min Scan# 2335
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

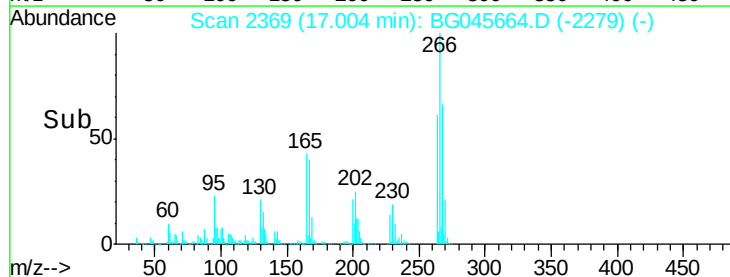
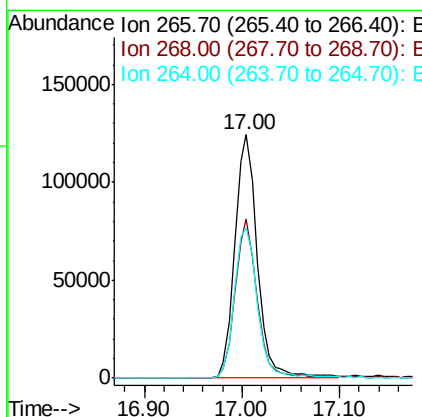
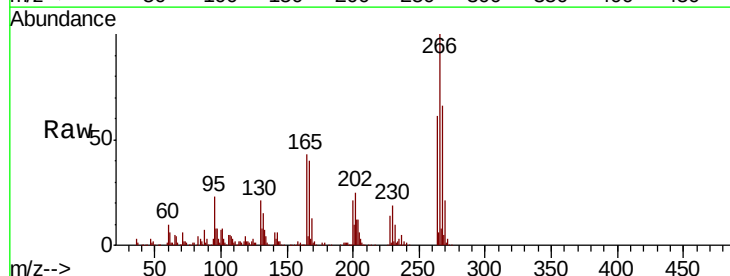
Instrument :
BNA_G
ClientSampleId :
SPMS

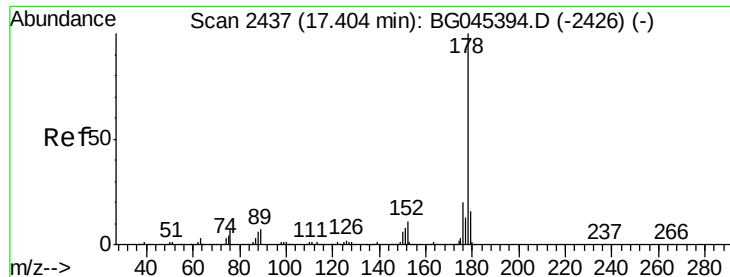
Tot Ion:200 Resp: 174730
Ion Ratio Lower Upper
200 100
173 21.2 5.5 45.5
215 45.6 28.2 68.2



#70
Pentachlorophenol
Concen: 79.597 ng
RT: 17.00 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:266 Resp: 198938
Ion Ratio Lower Upper
266 100
268 65.6 53.2 79.8
264 61.4 51.0 76.4

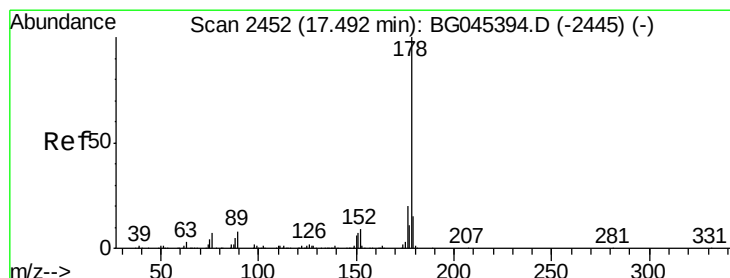
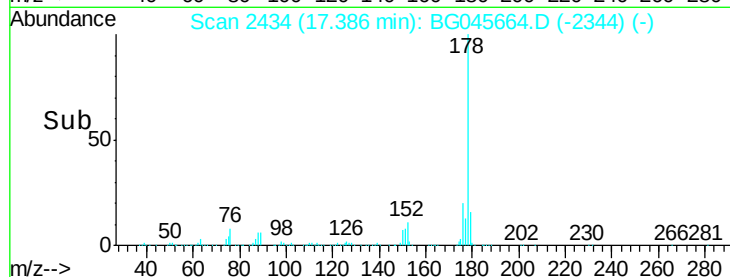
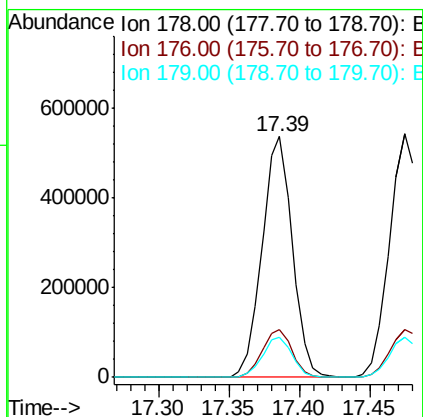
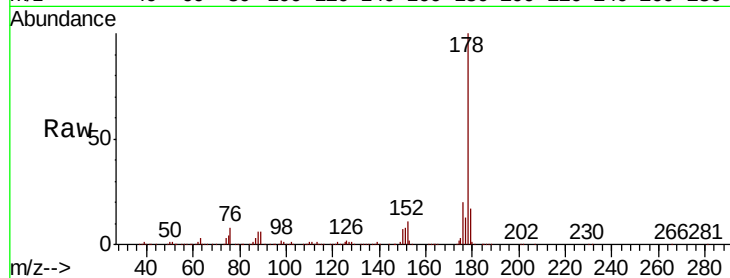




#71
Phenanthrene
Concen: 43.586 ng
RT: 17.39 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

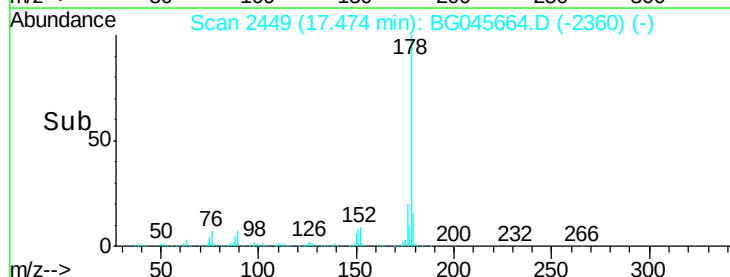
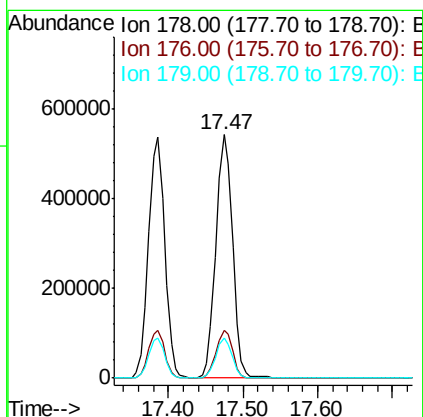
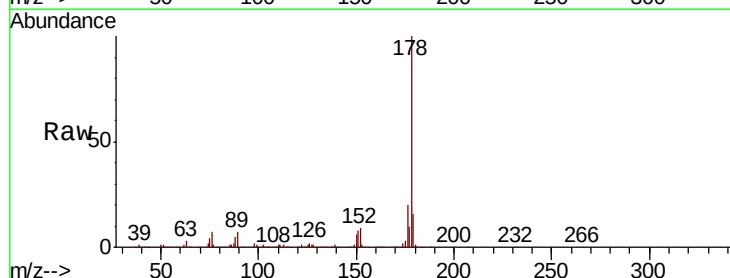
Instrument :
BNA_G
ClientSampleId :
SPMS

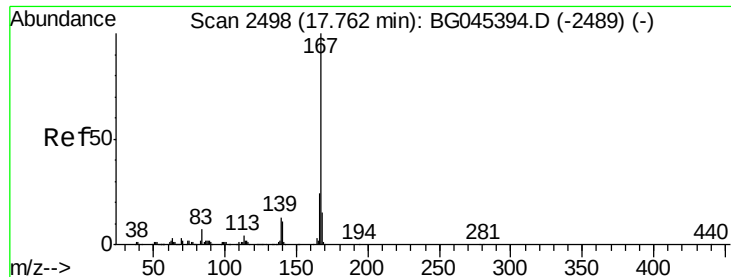
Tot Ion:178 Resp: 808679
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 16.5 13.1 19.7



#72
Anthracene
Concen: 45.038 ng
RT: 17.47 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:178 Resp: 839158
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 16.3 12.2 18.4





#73

Carbazole

Concen: 41.139 ng

RT: 17.74 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

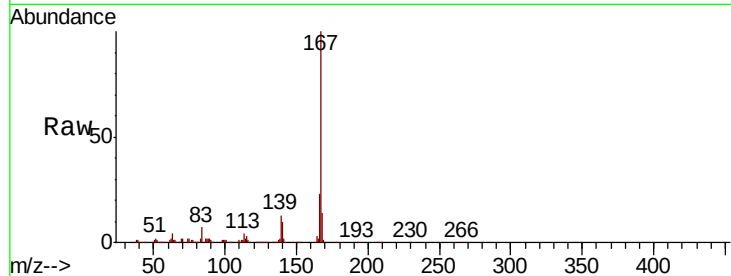
Tot Ion:167 Resp: 747174

Ion Ratio Lower Upper

167 100

166 23.5 19.2 28.8

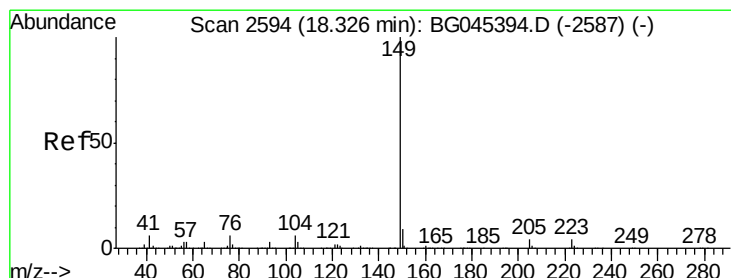
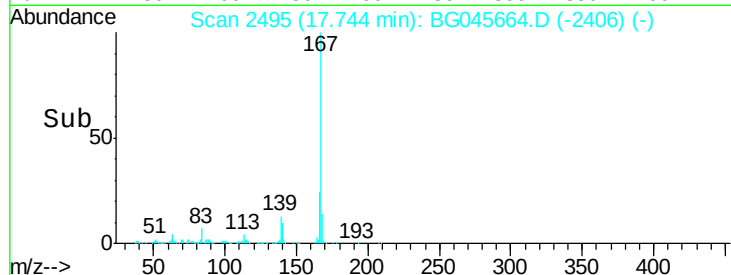
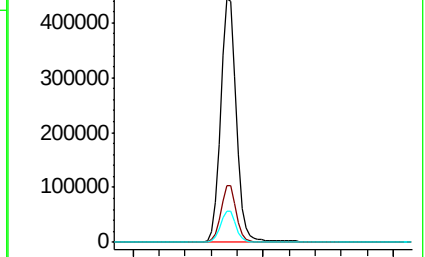
139 12.9 10.6 16.0



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: 41.045 ng

RT: 18.30 min Scan# 2590

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

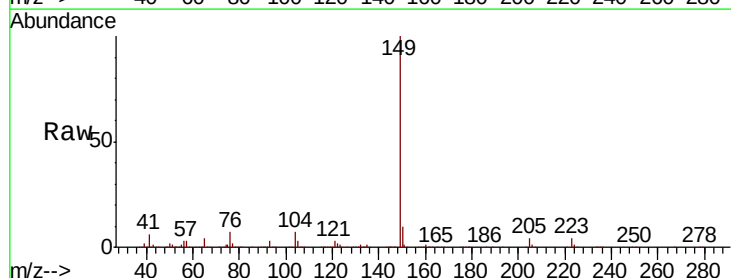
Tgt Ion:149 Resp: 894746

Ion Ratio Lower Upper

149 100

150 9.9 7.6 11.4

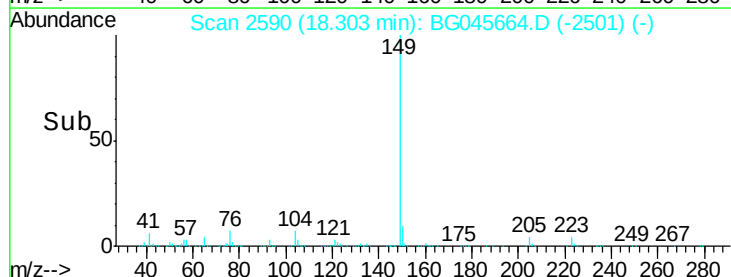
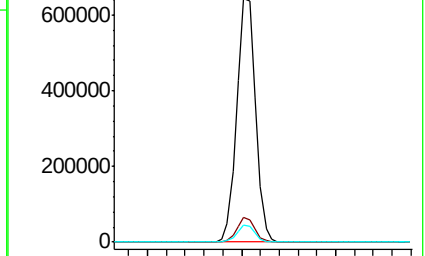
104 6.8 5.0 7.4

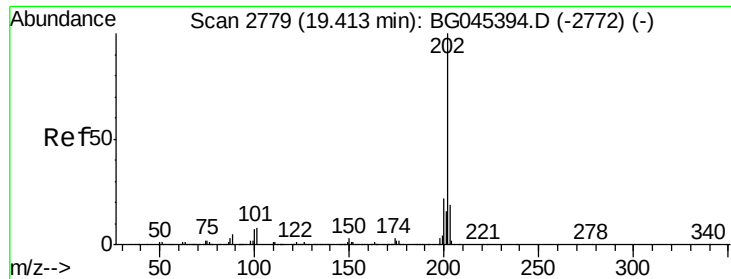


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 41.834 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

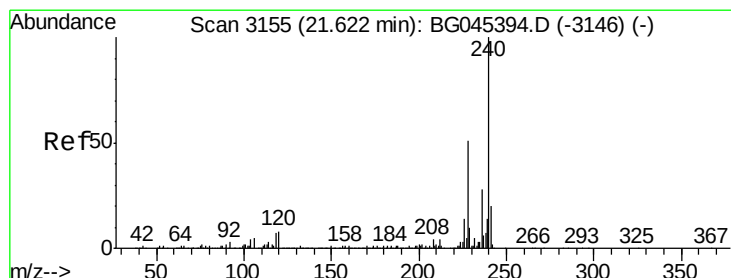
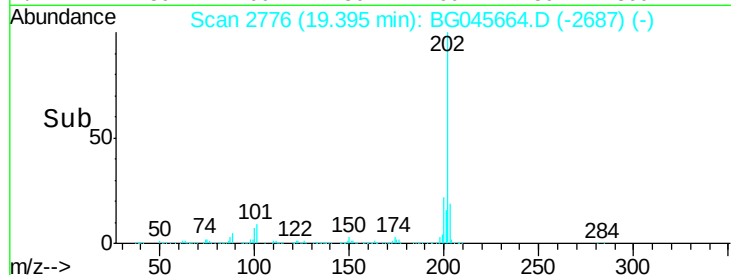
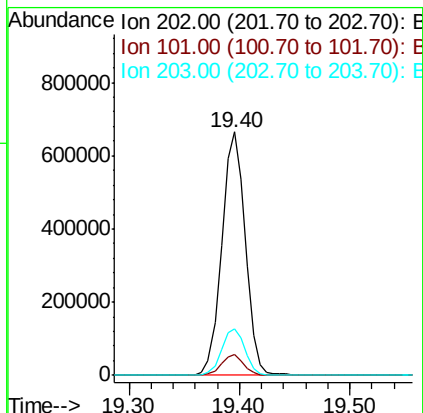
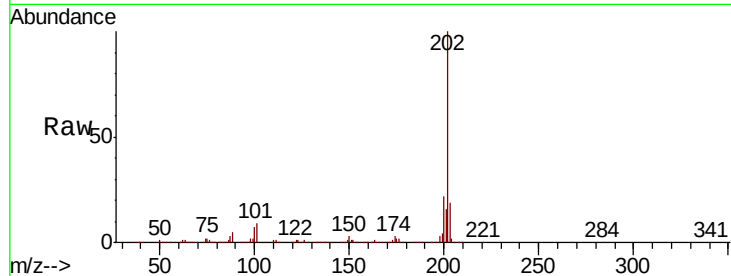
Instrument :

BNA_G

ClientSampleId :

SPMS

Tot Ion:	202	Resp:	987255
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.3
203	19.1	0.0	39.0



#76

Chrysene-d12

Concen: 20.000 ng

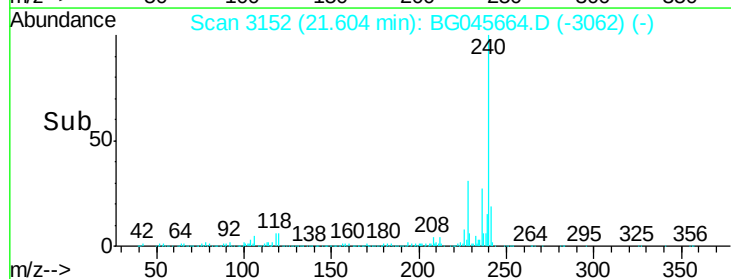
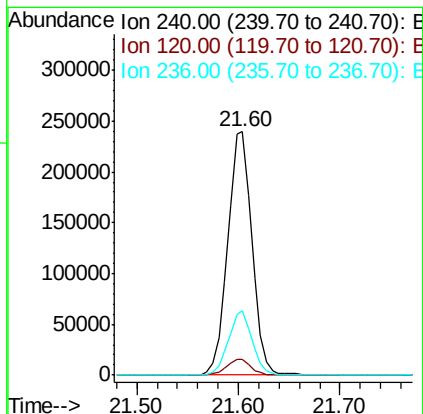
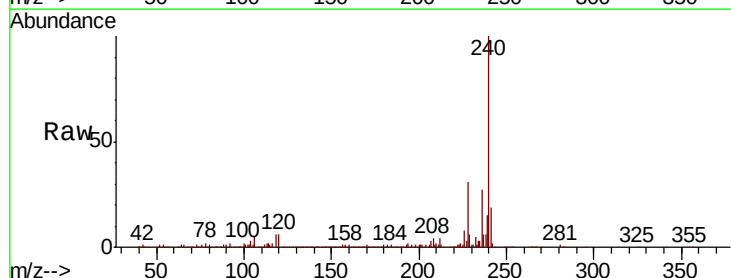
RT: 21.60 min Scan# 3152

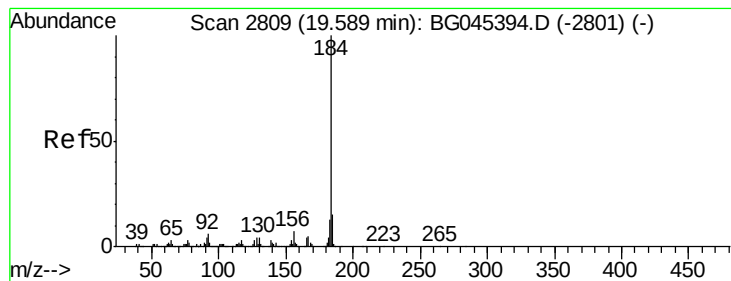
Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Tgt Ion:	240	Resp:	397163
Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.1	9.1
236	26.7	22.3	33.5





#77

Benzidine

Concen: 25.344 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

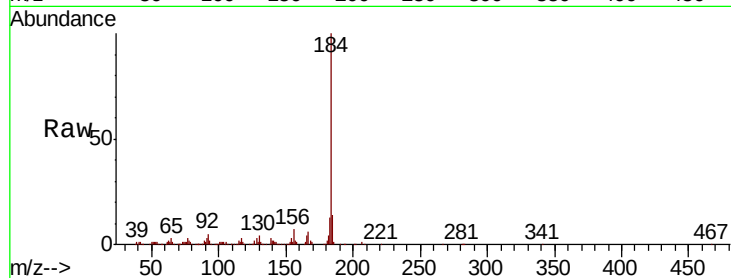
Tot Ion:184 Resp: 282697

Ion Ratio Lower Upper

184 100

185 13.5 11.7 17.5

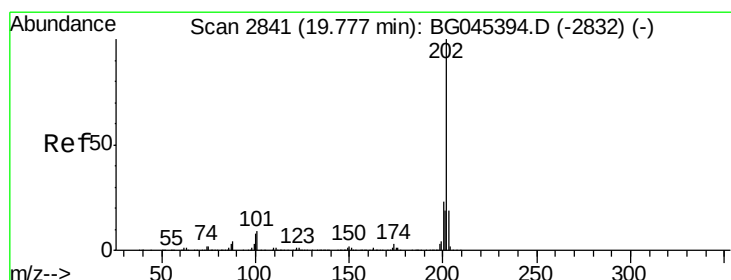
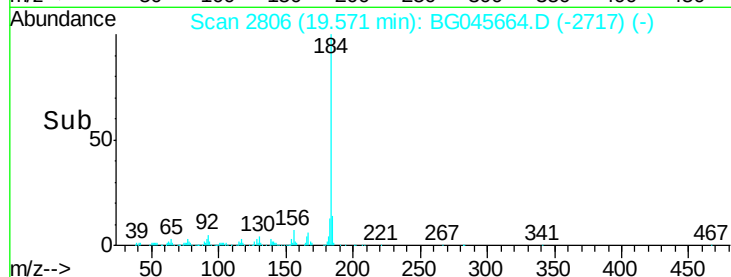
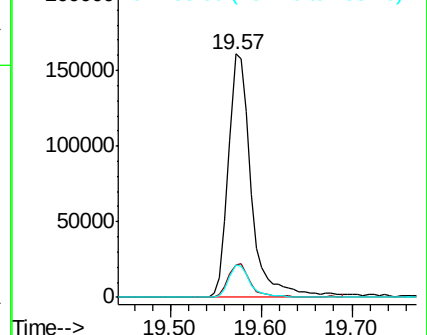
183 13.5 10.2 15.4



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: 43.584 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

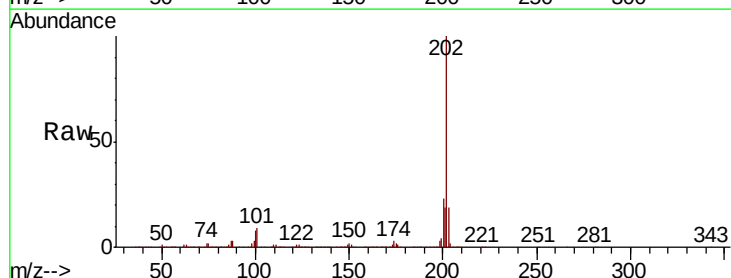
Tgt Ion:202 Resp: 986728

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

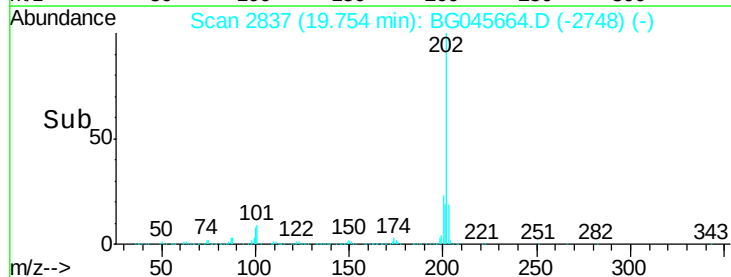
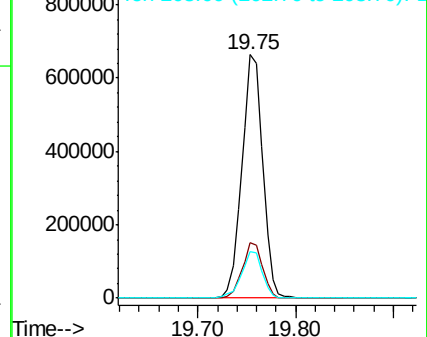
203 19.2 15.1 22.7

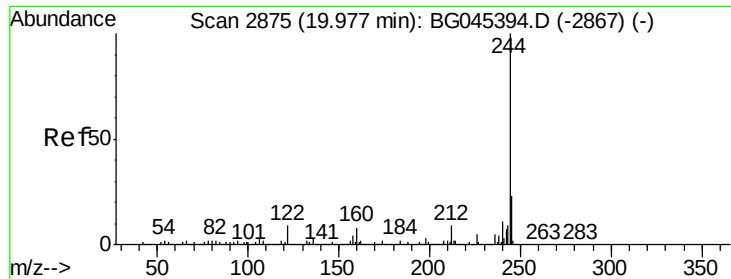


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.427 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

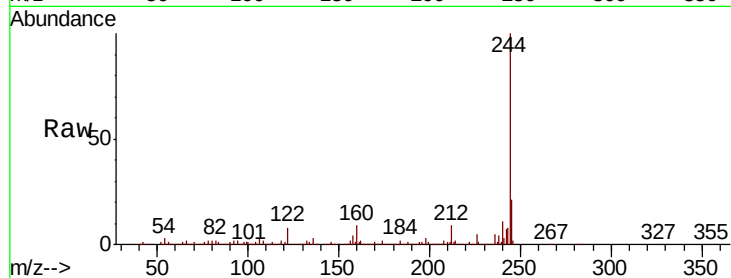
Tot Ion:244 Resp: 1284437

Ion Ratio Lower Upper

244 100

212 8.7 7.4 11.0

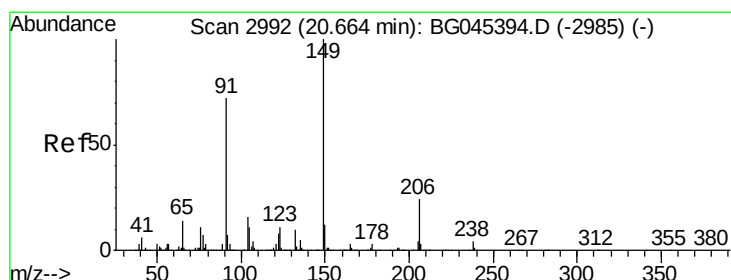
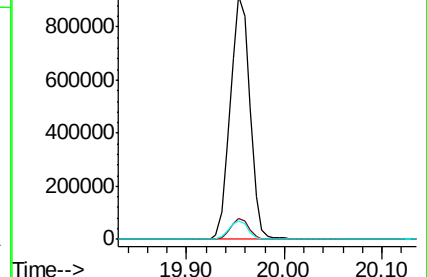
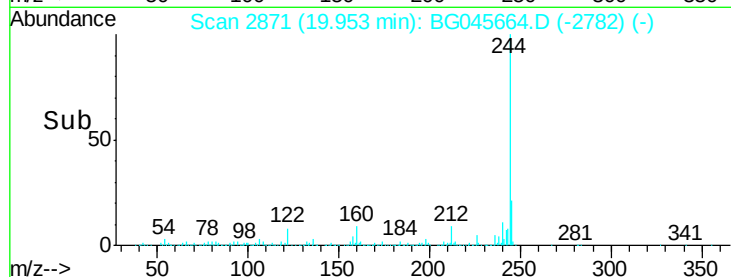
122 7.7 6.8 10.2



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: 40.413 ng

RT: 20.65 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

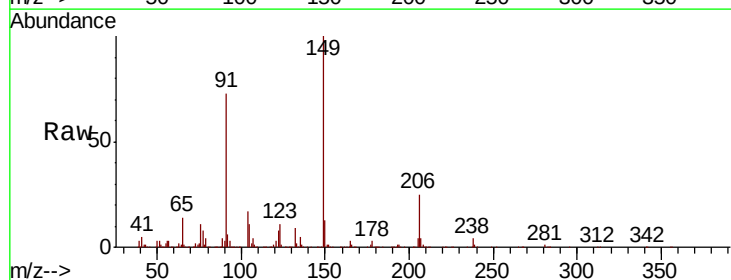
Tgt Ion:149 Resp: 394923

Ion Ratio Lower Upper

149 100

91 72.8 57.8 86.6

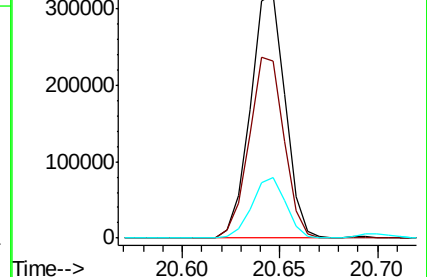
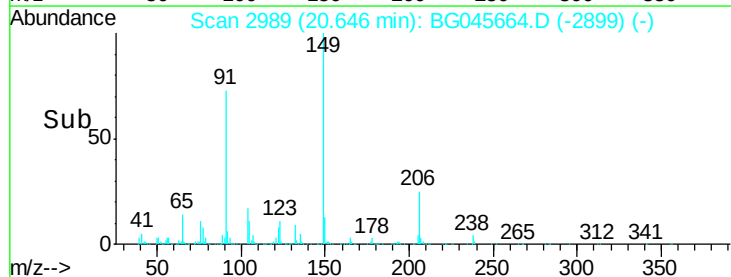
206 24.8 19.1 28.7

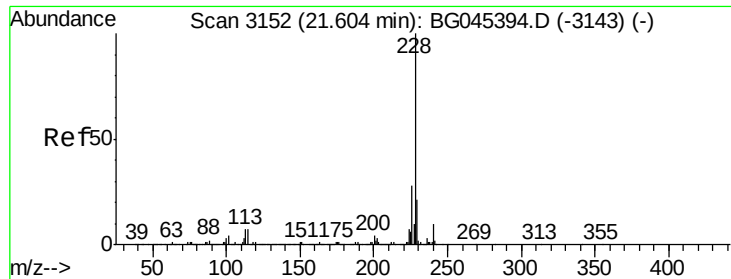


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.233 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

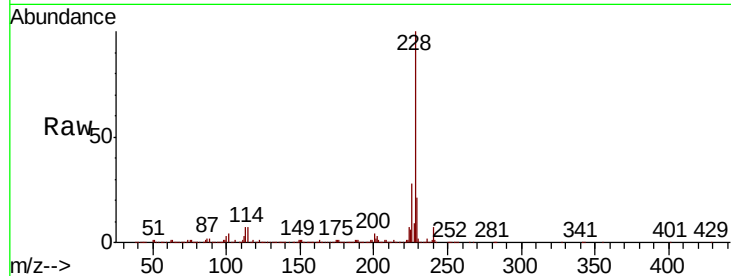
Tot Ion:228 Resp: 956513

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

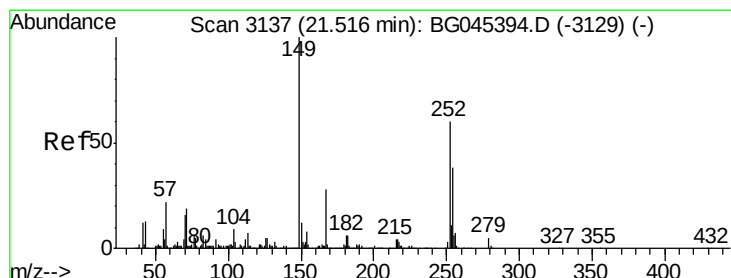
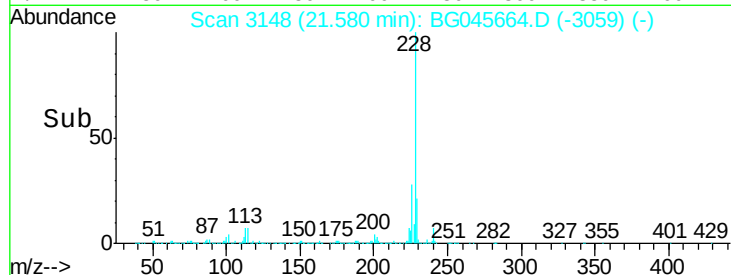
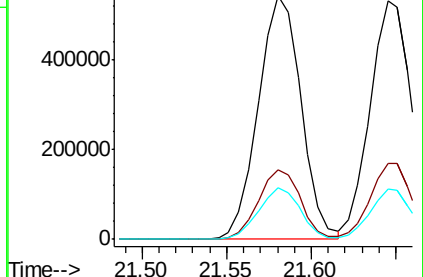
229 21.2 16.7 25.1



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: 22.291 ng

RT: 21.50 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

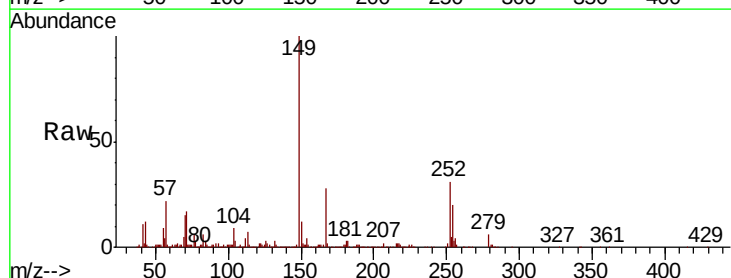
Tgt Ion:252 Resp: 193454

Ion Ratio Lower Upper

252 100

254 66.8 51.3 76.9

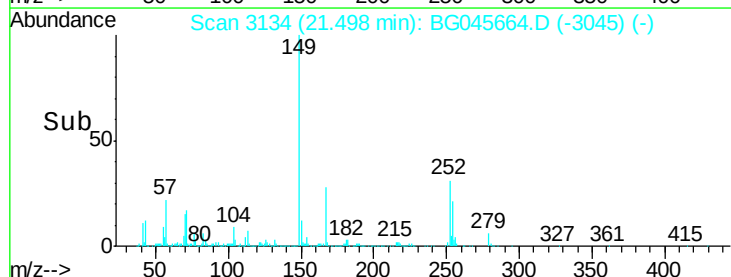
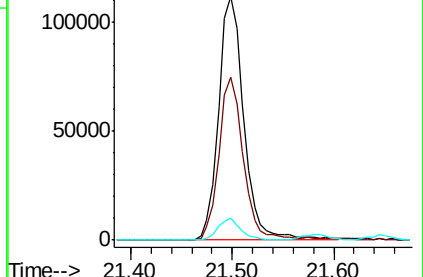
126 9.4 6.6 10.0

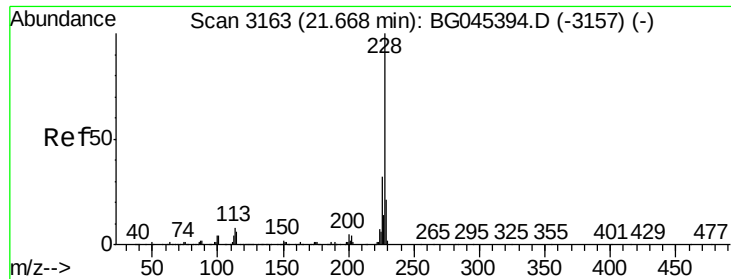


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.998 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

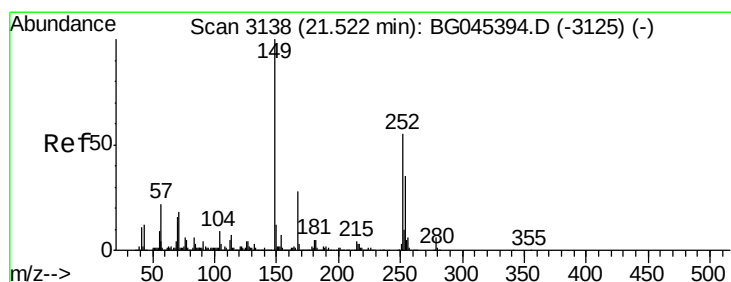
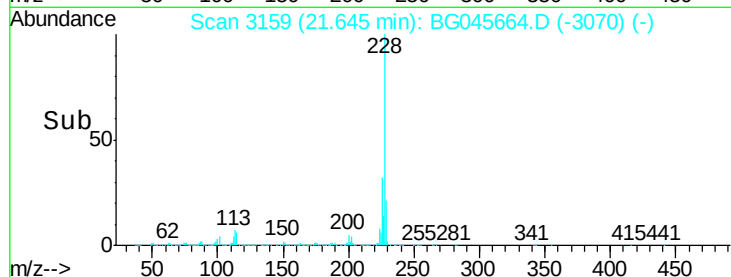
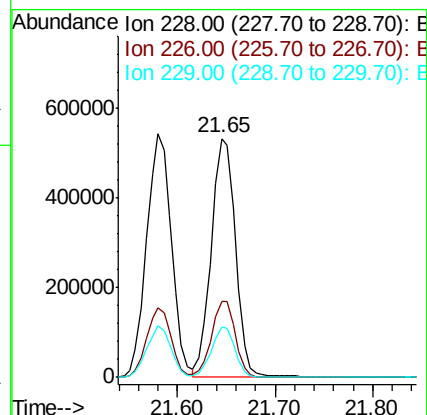
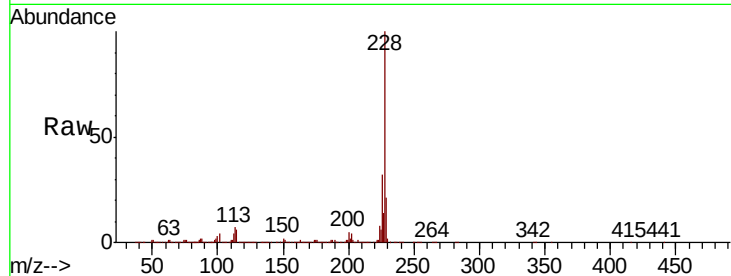
Tot Ion:228 Resp: 914735

Ion Ratio Lower Upper

228 100

226 31.9 25.2 37.8

229 20.9 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.676 ng

RT: 21.49 min Scan# 3133

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

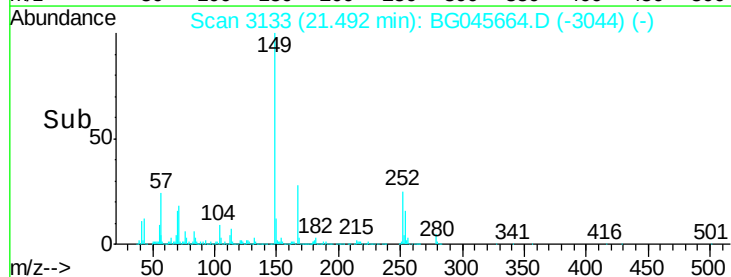
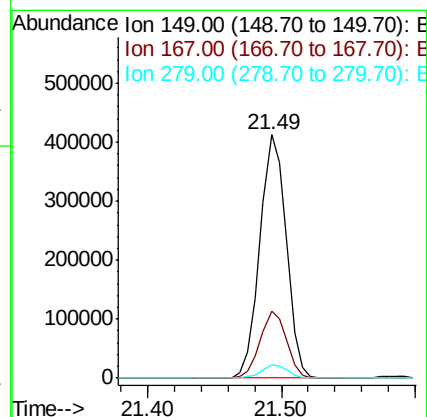
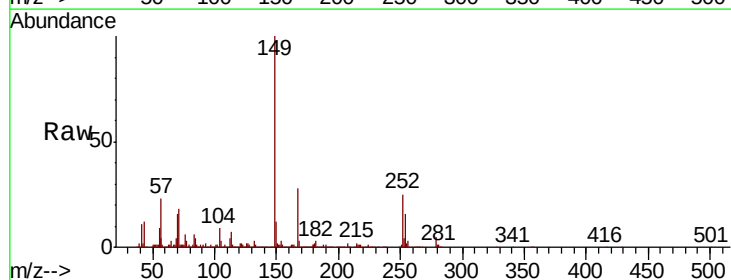
Tgt Ion:149 Resp: 559839

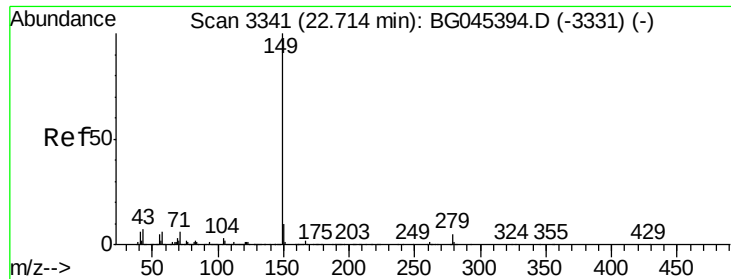
Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

279 5.5 4.7 7.1





#85

Di-n-octyl phthalate

Concen: 41.193 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

Instrument :

BNA_G

ClientSampleId :

SPMS

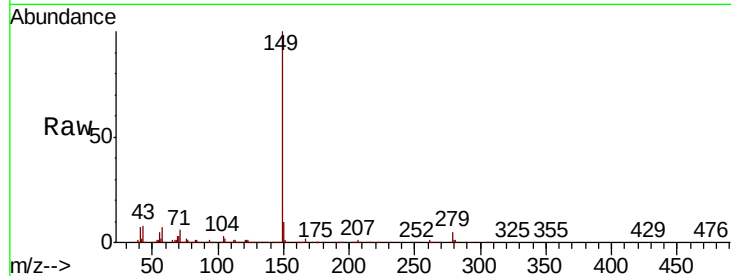
Tot Ion:149 Resp: 950377

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

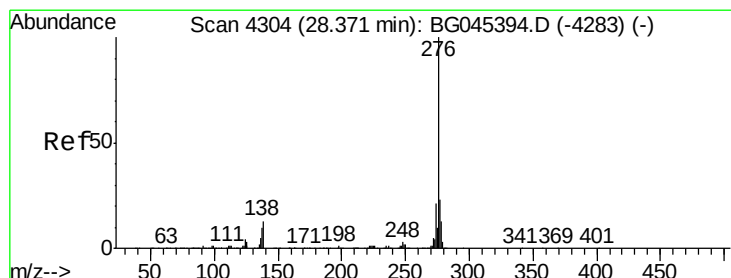
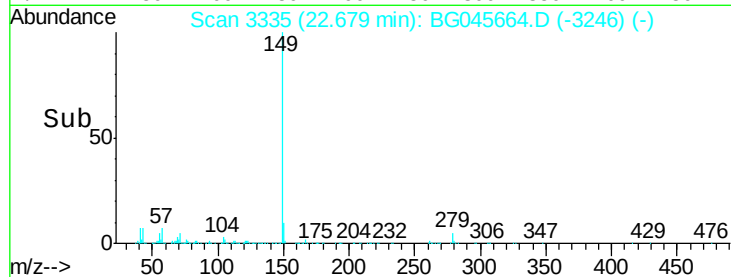
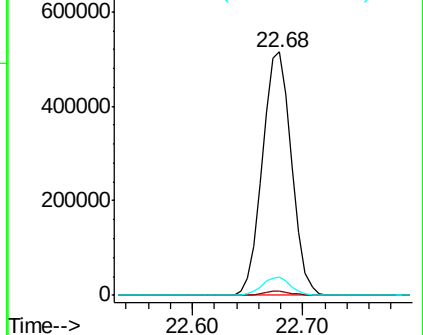
43 7.3 5.8 8.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.138 ng

RT: 28.31 min Scan# 4294

Delta R.T. -0.01 min

Lab File: BG045664.D

Acq: 9 Jun 2020 15:05

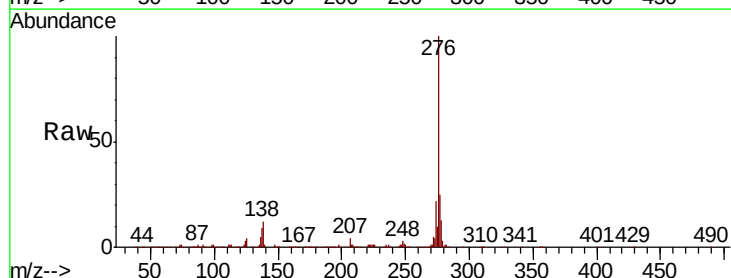
Tgt Ion:276 Resp: 1200060

Ion Ratio Lower Upper

276 100

138 0.0 8.6 12.8#

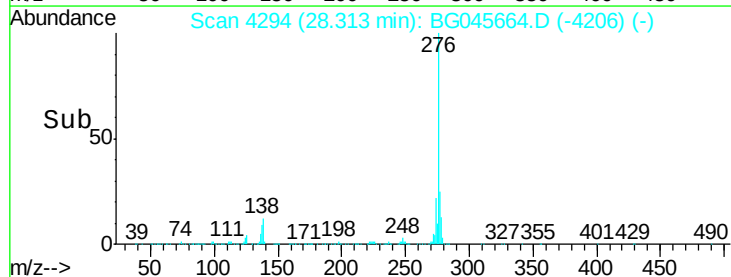
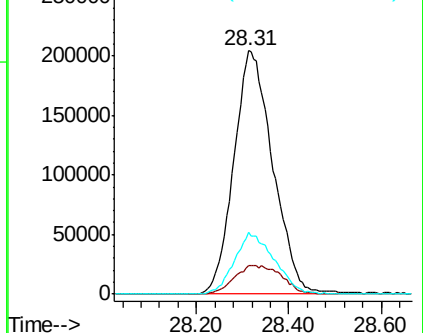
277 25.9 20.2 30.4

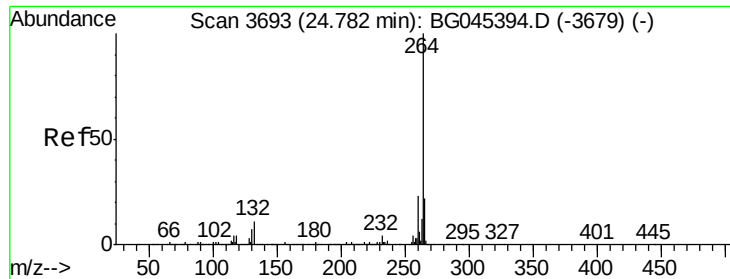


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



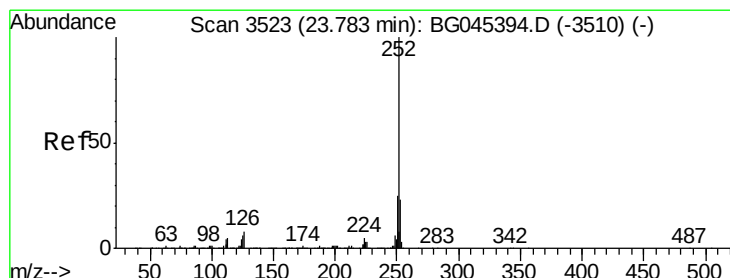
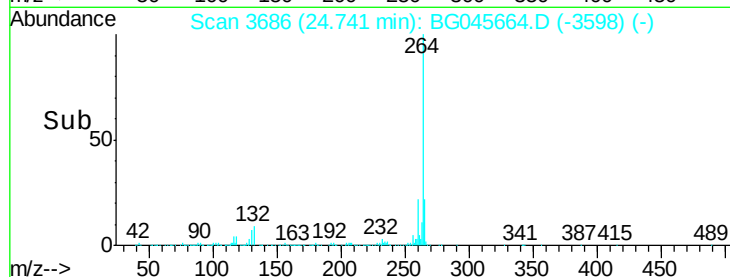
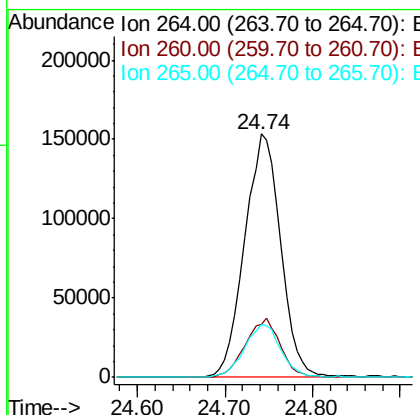
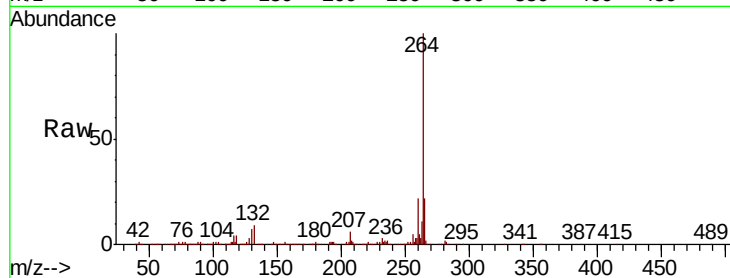


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.74 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion:264 Resp: 430491

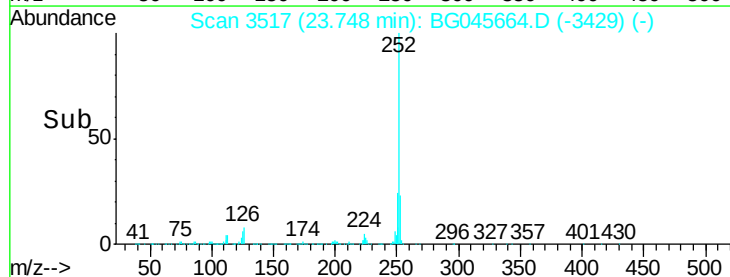
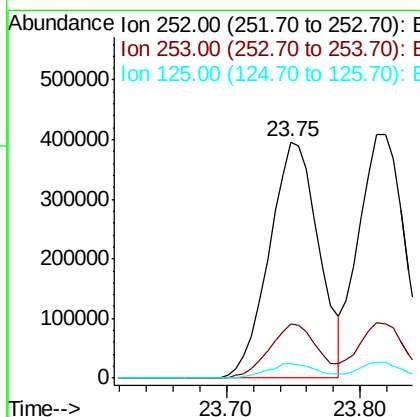
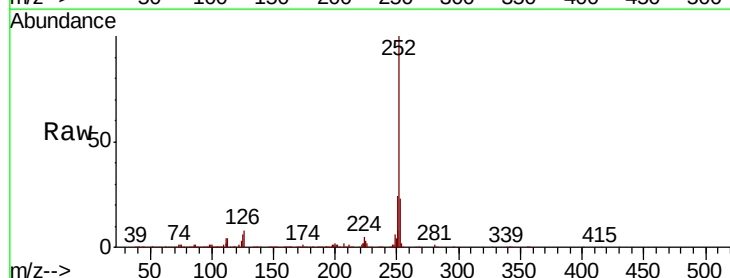
Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.2	27.4
265	22.0	17.6	26.4

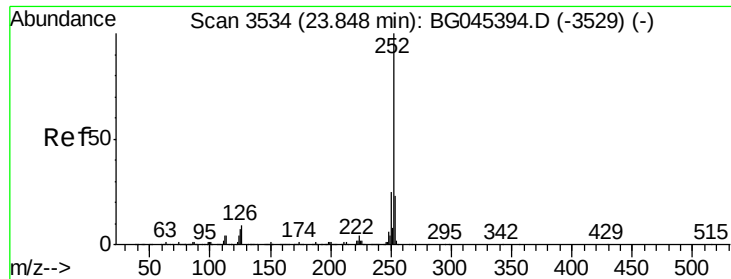


#88
Benzo(b)fluoranthene
Concen: 44.167 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:252 Resp: 1019716

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	6.4	5.0	7.6

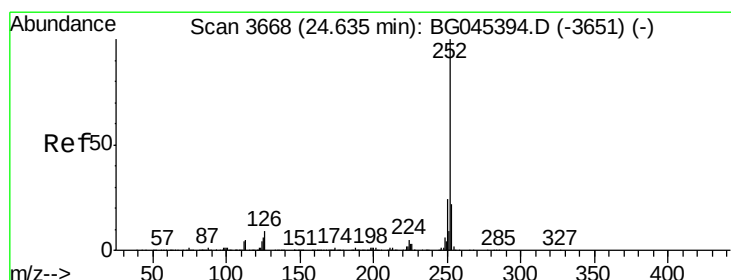
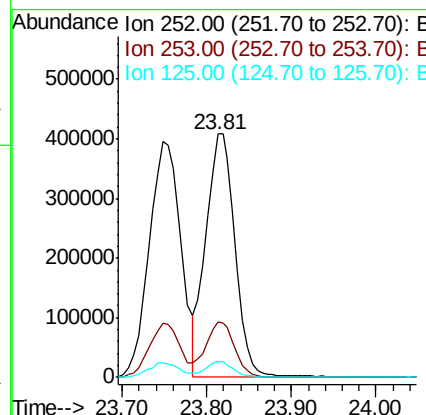
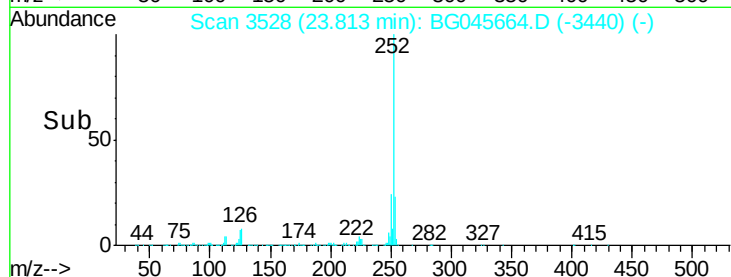
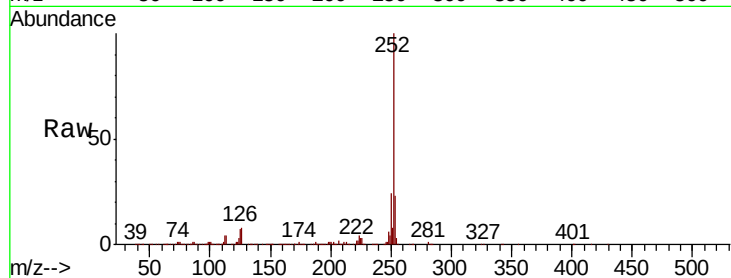




#89
Benzo(k)fluoranthene
Concen: 45.185 ng
RT: 23.81 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

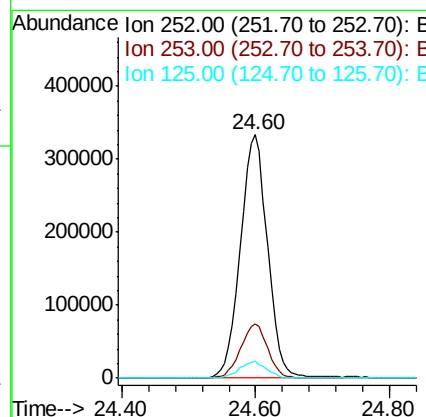
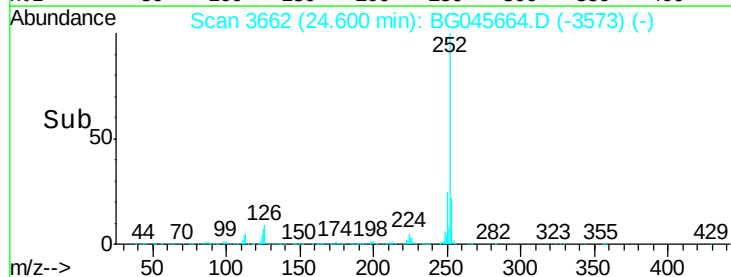
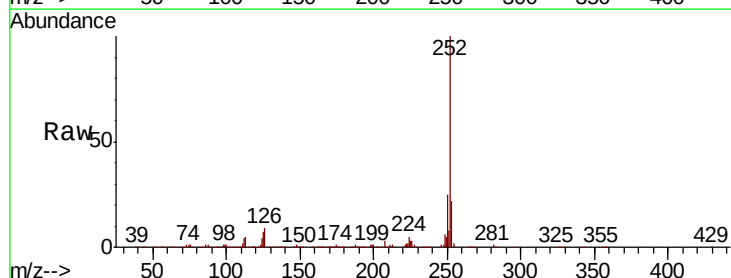
Instrument :
BNA_G
ClientSampleId :
SPMS

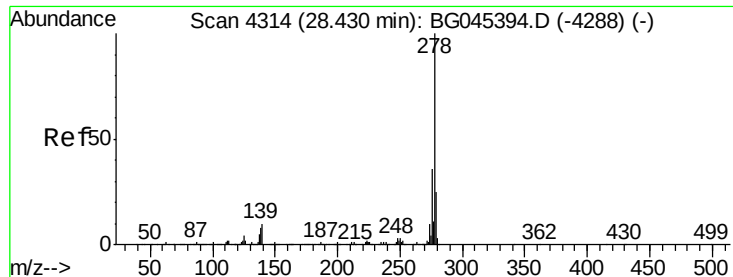
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	6.6	5.7	8.5



#90
Benzo(a)pyrene
Concen: 43.570 ng
RT: 24.60 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	6.9	5.0	7.6

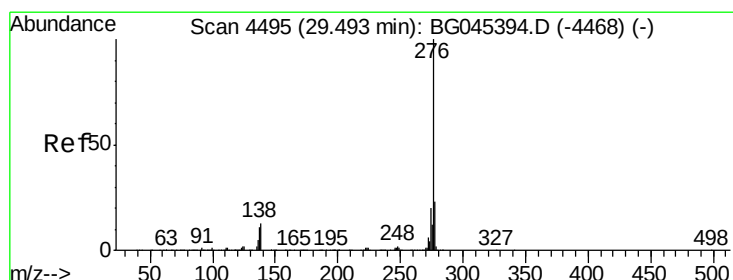
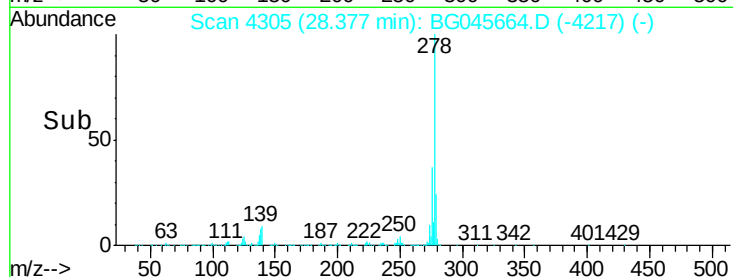
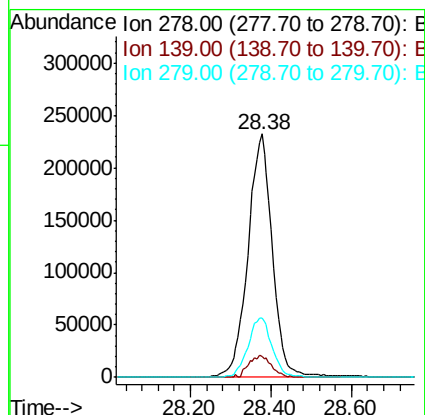
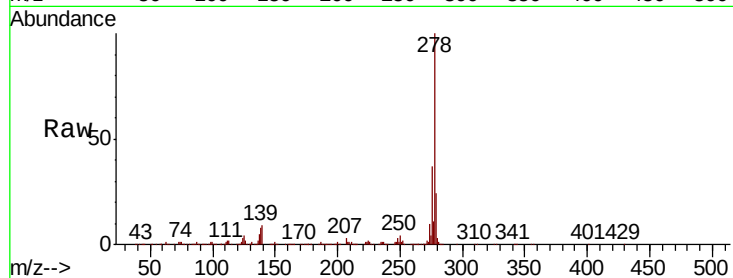




#91
Dibenzo(a,h)anthracene
Concen: 45.331 ng
RT: 28.38 min Scan# 4305
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Instrument :
BNA_G
ClientSampleId :
SPMS

Tot Ion:278 Resp: 979504
Ion Ratio Lower Upper
278 100
139 8.6 7.8 11.8
279 24.4 19.8 29.8



#92
Benzo(g,h,i)perylene
Concen: 46.104 ng
RT: 29.43 min Scan# 4485
Delta R.T. -0.01 min
Lab File: BG045664.D
Acq: 9 Jun 2020 15:05

Tgt Ion:276 Resp: 996323
Ion Ratio Lower Upper
276 100
277 24.7 18.1 27.1
138 12.6 10.2 15.4

