

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
 Data File : BG045316.D
 Acq On : 12 May 2020 5:23
 Operator : CG/JU
 Sample : L2557-02MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

Quant Time: May 12 06:02:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	76444	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	316265	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	231908	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	562111	20.00	ng	0.00
76) Chrysene-d12	21.63	240	511832	20.00	ng	0.00
87) Perylene-d12	24.80	264	583219	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	366855	79.23	ng	0.00
7) Phenol-d6	7.14	99	523019	76.03	ng	0.00
23) Nitrobenzene-d5	9.13	82	328391	47.38	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	258351	72.11	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	782209	49.46	ng	0.00
79) Terphenyl-d14	19.98	244	1385972	59.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	72599	35.280	ng	96
3) Pyridine	3.82	79	172695	27.257	ng	94
4) n-Nitrosodimethylamine	3.74	42	79835	41.133	ng	90
6) Aniline	7.30	93	273198	30.543	ng	97
8) 2-Chlorophenol	7.54	128	219031	44.015	ng	98
9) Benzaldehyde	7.10	77	164139	43.359	ng	98
10) Phenol	7.17	94	296215	43.028	ng	96
11) bis(2-Chloroethyl)ether	7.39	93	201774	36.813	ng	96
12) 1,3-Dichlorobenzene	7.87	146	230668	39.337	ng	96
13) 1,4-Dichlorobenzene	8.01	146	232373	39.769	ng	98
14) 1,2-Dichlorobenzene	8.33	146	218176	39.030	ng	93
15) Benzyl Alcohol	8.21	79	223562	38.760	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.51	45	180131	33.480	ng	96
17) 2-Methylphenol	8.42	107	196048	36.910	ng	96
18) Hexachloroethane	9.07	117	87528	39.847	ng	99
19) n-Nitroso-di-n-propylamine	8.78	70	171438	35.238	ng	98
20) 3+4-Methylphenols	8.75	107	290531	39.079	ng	97
22) Acetophenone	8.79	105	328488	38.408	ng	98
24) Nitrobenzene	9.18	77	271830	38.260	ng	95
25) Isophorone	9.70	82	489190	34.464	ng	98
26) 2-Nitrophenol	9.89	139	122149	39.913	ng	96
27) 2,4-Dimethylphenol	9.96	122	204881	42.192	ng	95
28) bis(2-Chloroethoxy)methane	10.19	93	270769	36.307	ng	99
29) 2,4-Dichlorophenol	10.43	162	228265	40.710	ng	97
30) 1,2,4-Trichlorobenzene	10.65	180	247878	39.046	ng	98
31) Naphthalene	10.83	128	659787	38.135	ng	98
32) Benzoic acid	10.12	122	122276	33.405	ng	96
33) 4-Chloroaniline	10.94	127	166669	20.656	ng	98
34) Hexachlorobutadiene	11.13	225	161085	37.009	ng	98
35) Caprolactam	11.71	113	42990	19.264	ng	95
36) 4-Chloro-3-methylphenol	12.07	107	259377	39.378	ng	97
37) 2-Methylnaphthalene	12.44	142	506621	37.726	ng	99
38) 1-Methylnaphthalene	12.44	142	506621	39.962	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	285752	38.270	ng	99

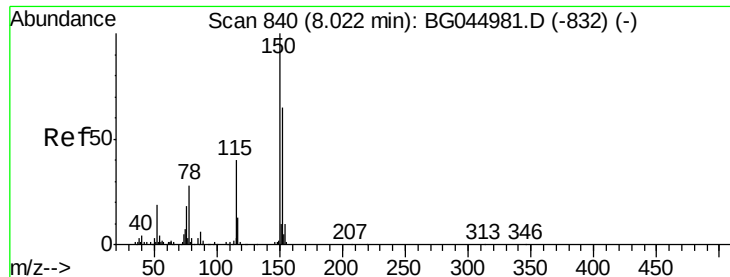
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051120\
 Data File : BG045316.D
 Acq On : 12 May 2020 5:23
 Operator : CG/JU
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	332694	71.288	ng	96
43) 2,4,6-Trichlorophenol	13.05	196	208631	39.590	ng	95
44) 2,4,5-Trichlorophenol	13.12	196	217213	36.212	ng	97
46) 1,1'-Biphenyl	13.45	154	646560	36.681	ng	99
47) 2-Chloronaphthalene	13.49	162	504048	37.424	ng	99
48) 2-Nitroaniline	13.69	65	165542	37.357	ng	96
49) Acenaphthylene	14.34	152	837515	38.176	ng	100
50) Dimethylphthalate	14.08	163	751191	39.781	ng	99
51) 2,6-Dinitrotoluene	14.19	165	157327	37.250	ng	97
52) Acenaphthene	14.69	154	507491	34.190	ng	97
53) 3-Nitroaniline	14.52	138	113984	24.606	ng	90
54) 2,4-Dinitrophenol	14.73	184	190980	76.043	ng	93
55) Dibenzofuran	15.02	168	810676	37.461	ng	96
56) 4-Nitrophenol	14.84	139	276922	77.101	ng	97
57) 2,4-Dinitrotoluene	14.98	165	233388	37.812	ng	93
58) Fluorene	15.67	166	677488	38.327	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	214755	40.237	ng	99
60) Diethylphthalate	15.44	149	708533	35.989	ng	100
61) 4-Chlorophenyl-phenylether	15.66	204	369857	36.352	ng	99
62) 4-Nitroaniline	15.69	138	159801	33.260	ng	89
63) Azobenzene	15.96	77	683109	37.635	ng	99
65) 4,6-Dinitro-2-methylphenol	15.75	198	143997	38.973	ng	98
66) n-Nitrosodiphenylamine	15.87	169	600315	37.170	ng	97
67) 4-Bromophenyl-phenylether	16.55	248	264672	36.498	ng	98
68) Hexachlorobenzene	16.68	284	290170	38.582	ng	95
69) Atrazine	16.83	200	236572	39.585	ng	96
70) Pentachlorophenol	17.02	266	345137	74.806	ng	100
71) Phenanthrene	17.41	178	1106190	38.296	ng	99
72) Anthracene	17.50	178	1136239	39.214	ng	99
73) Carbazole	17.77	167	1053876	35.841	ng	98
74) Di-n-butylphthalate	18.33	149	1231034	37.441	ng	99
75) Fluoranthene	19.42	202	1362837	39.369	ng	98
77) Benzidine	19.60	184	887803	62.157	ng	97
78) Pyrene	19.78	202	1358019	38.486	ng	99
80) Butylbenzylphthalate	20.67	149	557364	38.107	ng	98
81) Benzo(a)anthracene	21.61	228	1290101	38.889	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	323537	24.503	ng	96
83) Chrysene	21.68	228	1242482	38.981	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	776879	38.619	ng	99
85) Di-n-octyl phthalate	22.72	149	1326532	38.134	ng	100
86) Indeno(1,2,3-cd)pyrene	28.40	276	1655705	39.125	ng	99
88) Benzo(b)fluoranthene	23.80	252	1368798	37.468	ng	98
89) Benzo(k)fluoranthene	23.86	252	1342652	38.646	ng	98
90) Benzo(a)pyrene	24.65	252	1271973	36.877	ng	# 98
91) Dibenzo(a,h)anthracene	28.46	278	1346592	38.744	ng	98
92) Benzo(g,h,i)perylene	29.52	276	1380790	39.627	ng	97

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

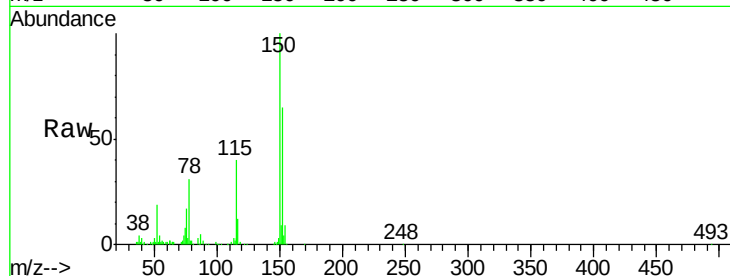


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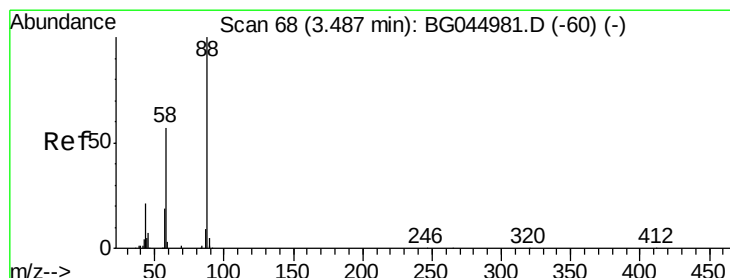
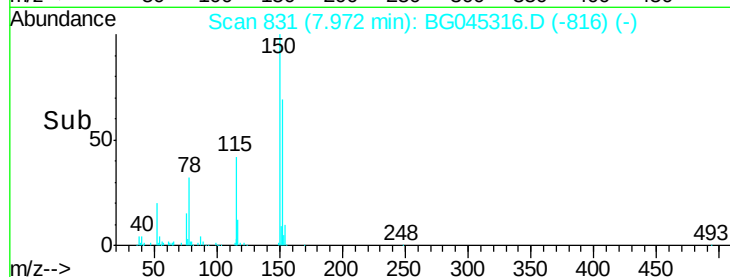
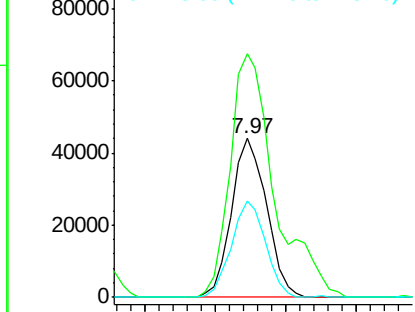
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

Tot Ion	152	Resp	76444
Ion Ratio	Lower	Upper	
152	100		
150	153.3	123.6	185.4
115	60.9	49.1	73.7



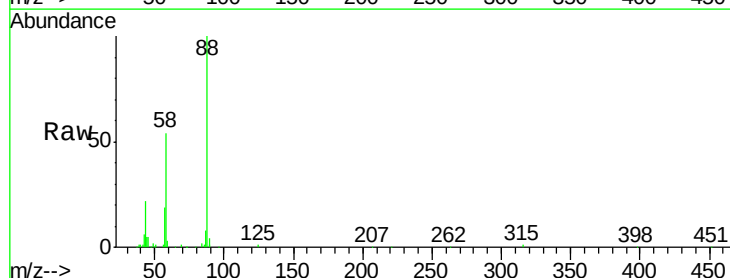
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



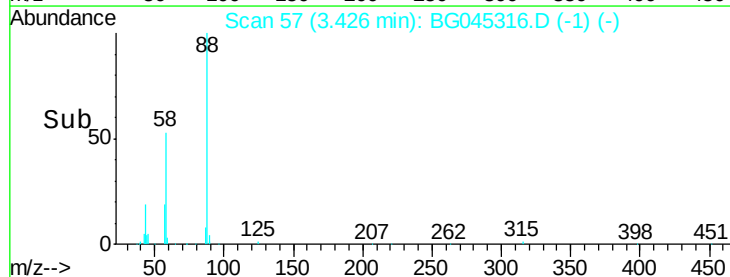
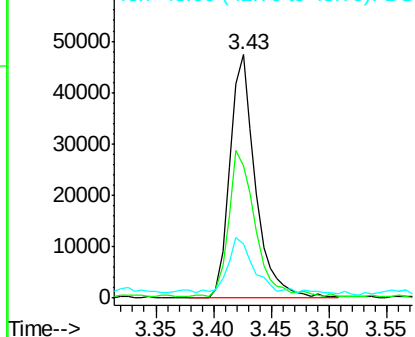
#2

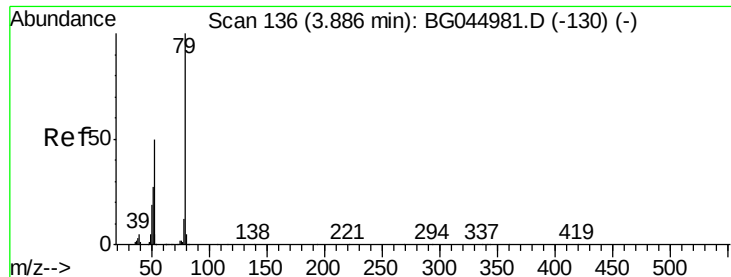
1,4-Dioxane
Concen: 35.280 ng
RT: 3.43 min Scan# 57
Delta R.T. -0.01 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion	88	Resp	72599
Ion Ratio	Lower	Upper	
88	100		
58	62.2	46.6	69.8
43	21.9	17.5	26.3



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: 27.257 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.02 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

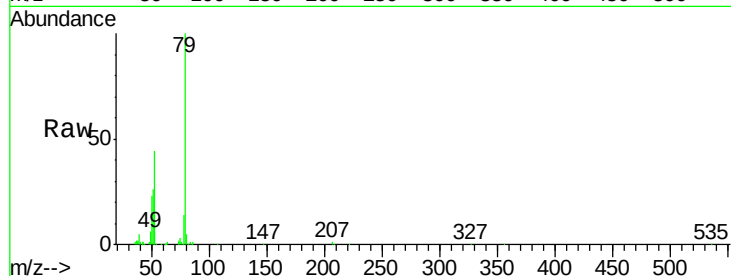
Tot Ion: 79 Resp: 172695

Ion Ratio Lower Upper

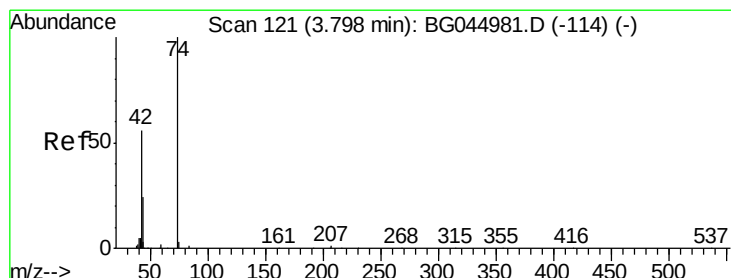
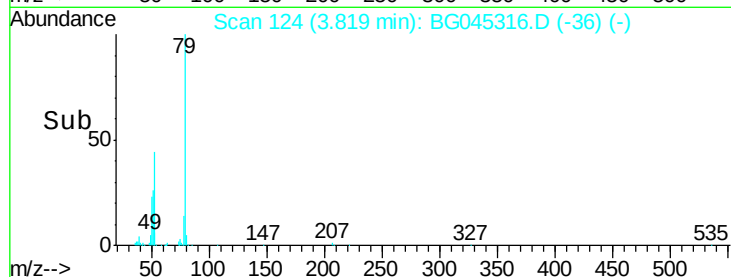
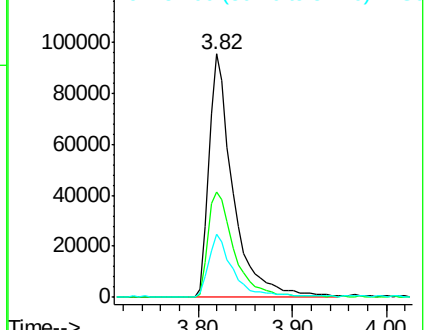
79 100

52 43.5 39.8 59.6

51 26.2 21.4 32.2



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: 41.133 ng

RT: 3.74 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

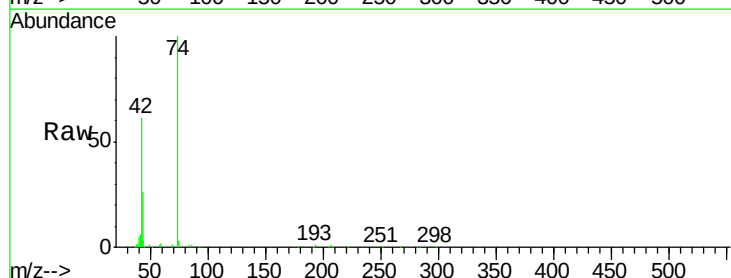
Tgt Ion: 42 Resp: 79835

Ion Ratio Lower Upper

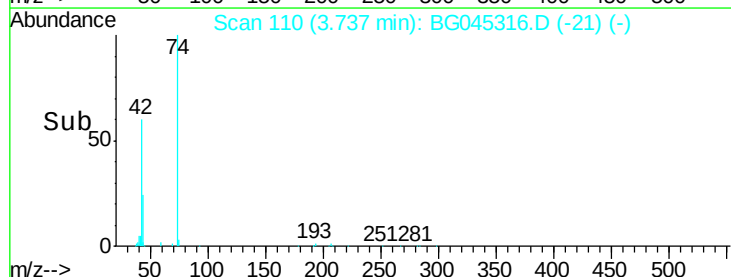
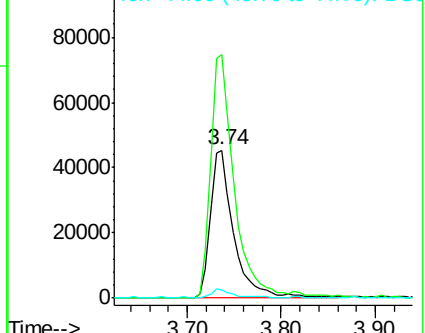
42 100

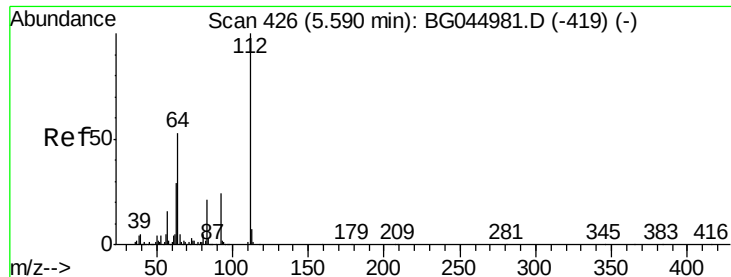
74 164.6 143.0 214.6

44 5.1 4.6 6.8



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: 79.229 ng

RT: 5.55 min Scan# 418

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

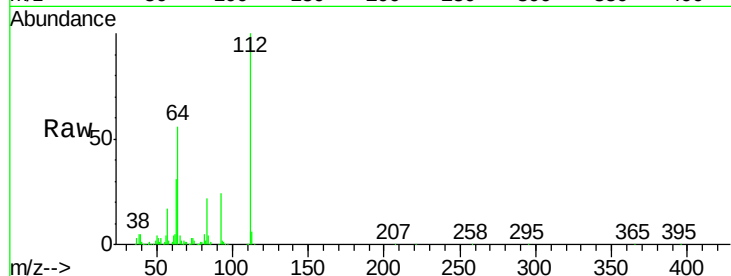
Tot Ion:112 Resp: 366855

Ion Ratio Lower Upper

112 100

64 55.9 42.4 63.6

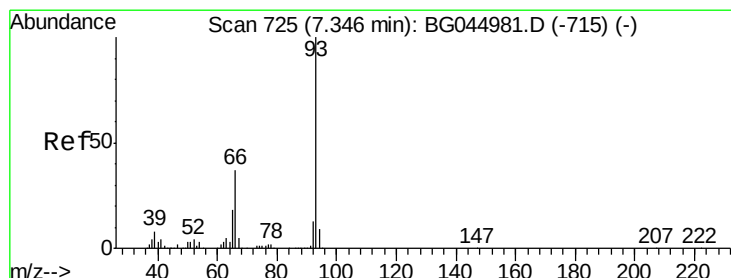
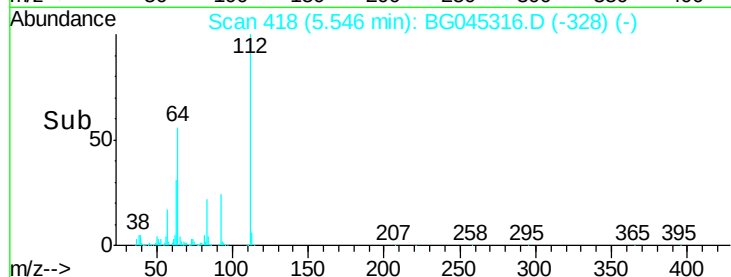
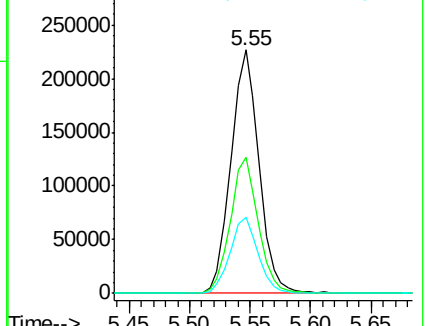
63 31.2 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.543 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

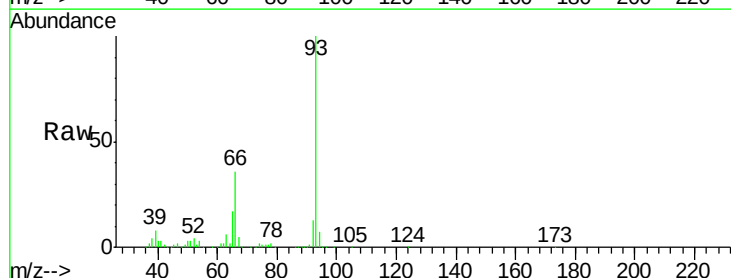
Tgt Ion: 93 Resp: 273198

Ion Ratio Lower Upper

93 100

66 35.5 29.8 44.8

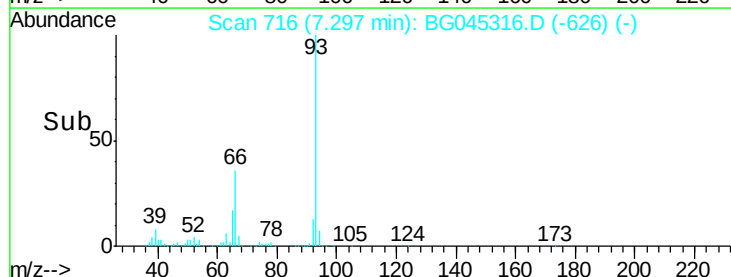
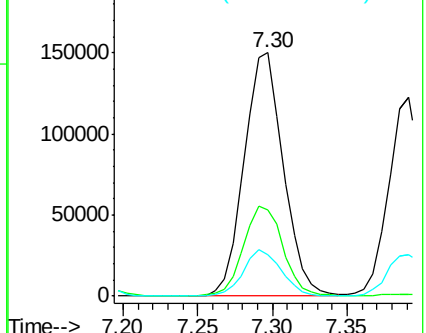
65 17.2 14.6 22.0

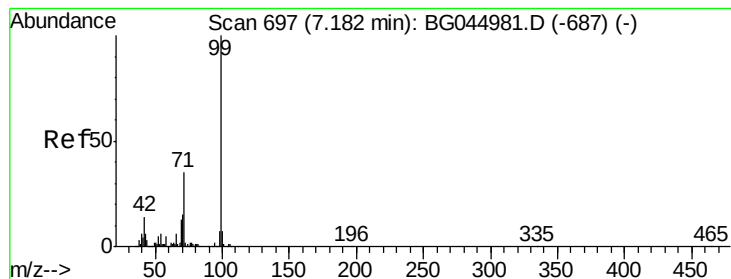


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 76.026 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

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ClientSampleId :

TP-12AMSD

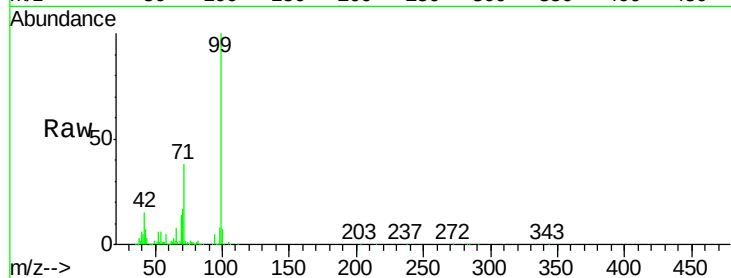
Tot Ion: 99 Resp: 523019

Ion Ratio Lower Upper

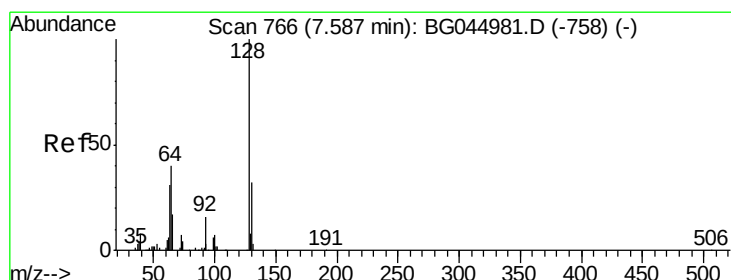
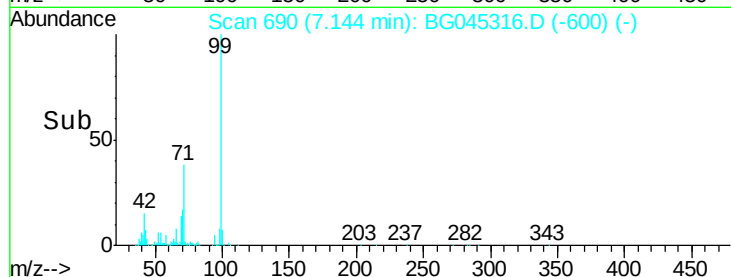
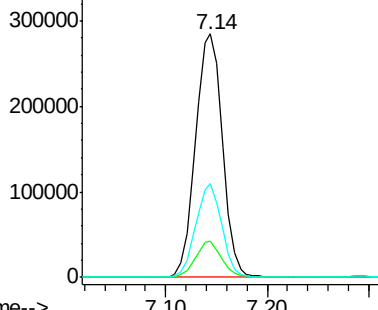
99 100

42 14.8 11.3 16.9

71 38.4 28.3 42.5



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: 44.015 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

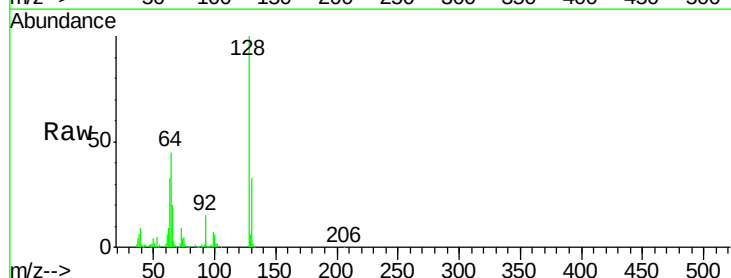
Tgt Ion: 128 Resp: 219031

Ion Ratio Lower Upper

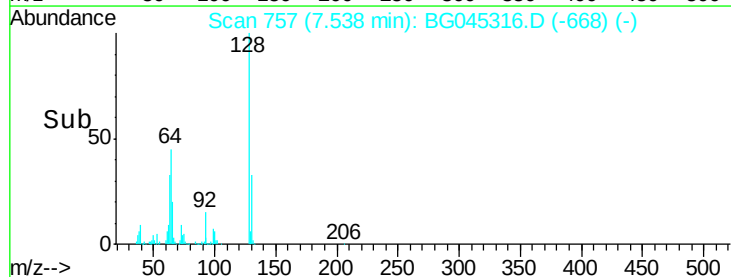
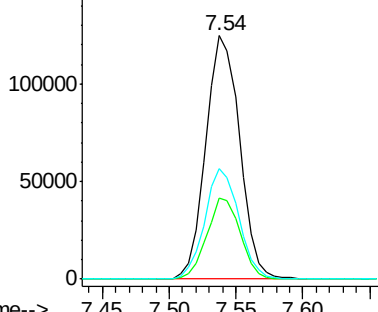
128 100

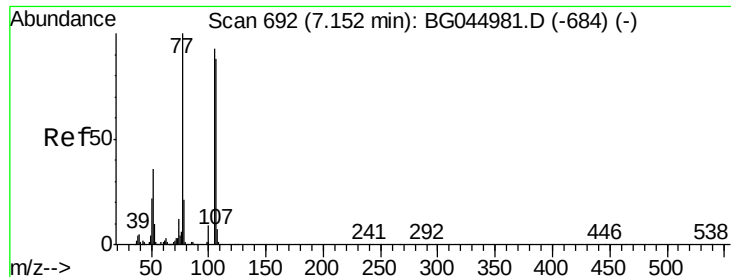
130 33.2 12.3 52.3

64 45.4 24.4 64.4



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: 43.359 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

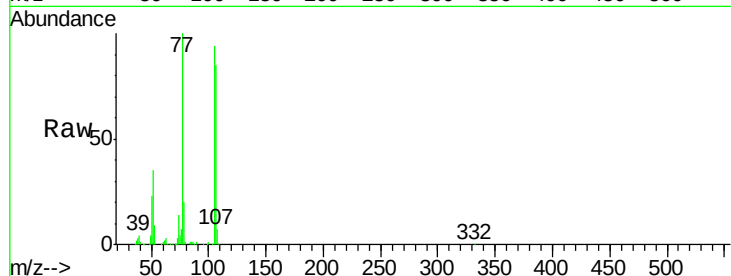
Tot Ion: 77 Resp: 164139

Ion Ratio Lower Upper

77 100

105 94.0 72.9 112.9

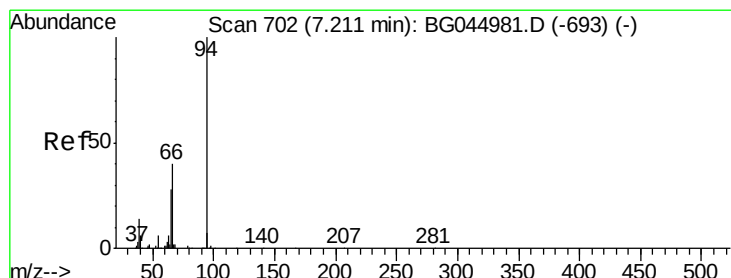
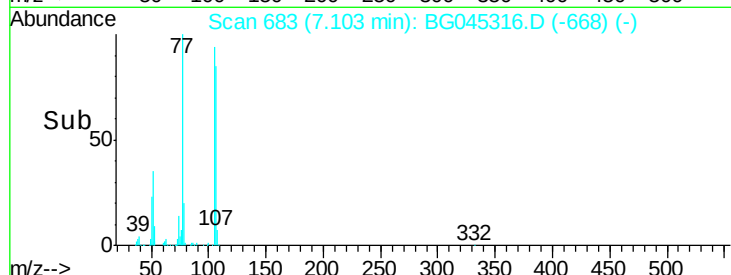
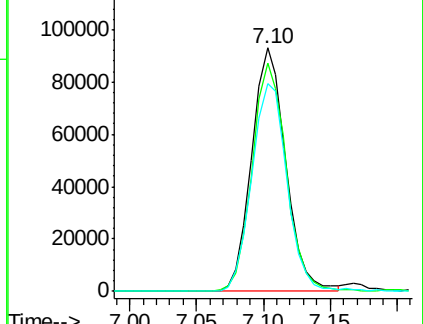
106 85.1 67.6 107.6



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: 43.028 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

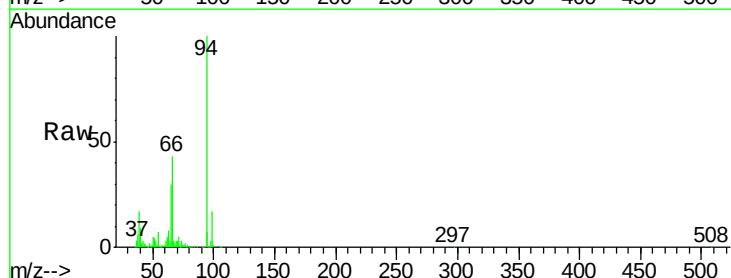
Tgt Ion: 94 Resp: 296215

Ion Ratio Lower Upper

94 100

65 30.1 8.2 48.2

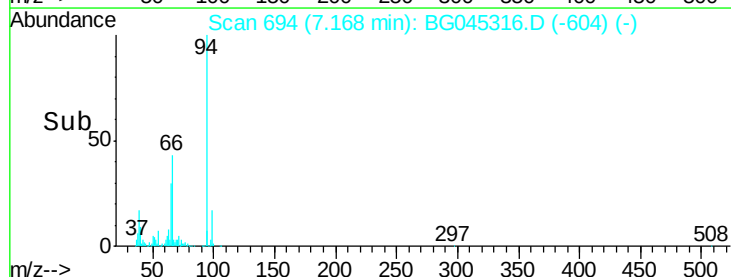
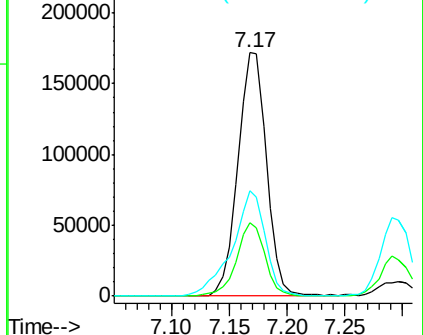
66 43.2 20.4 60.4

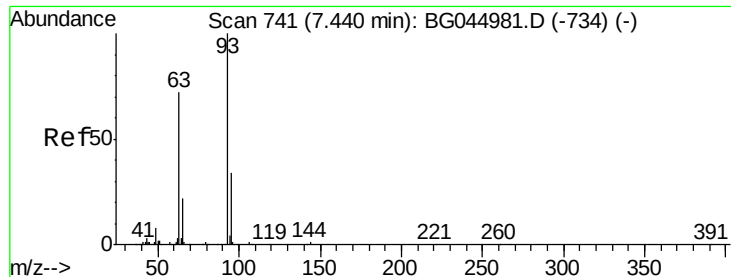


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

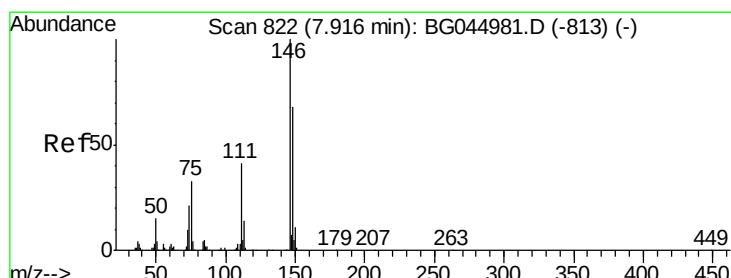
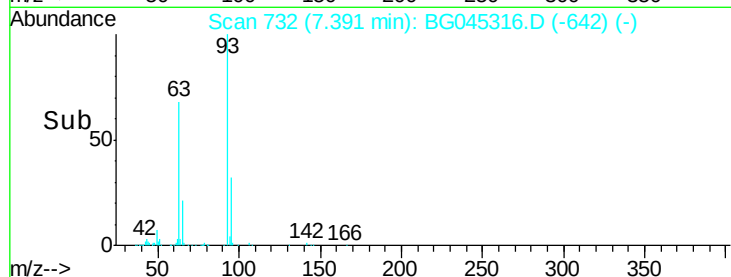
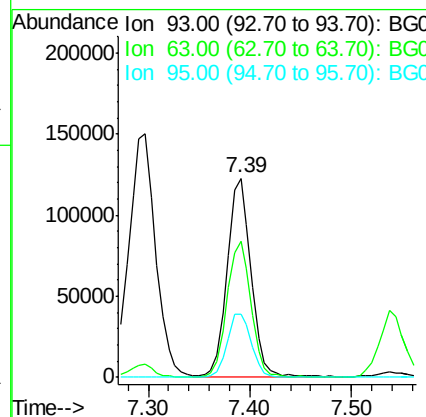
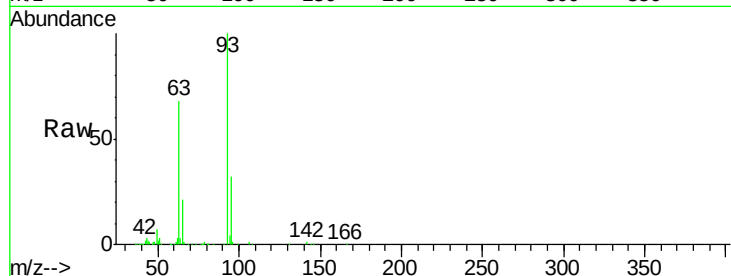




#11
 bis(2-Chloroethyl)ether
 Concen: 36.813 ng
 RT: 7.39 min Scan# 732
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

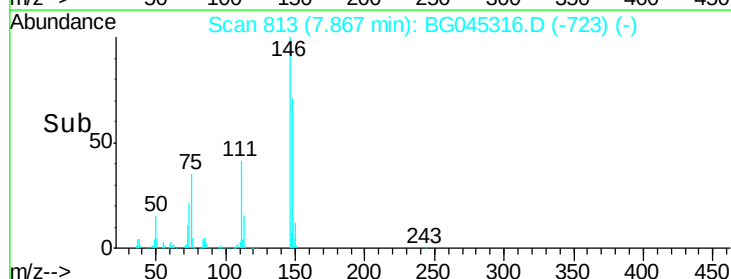
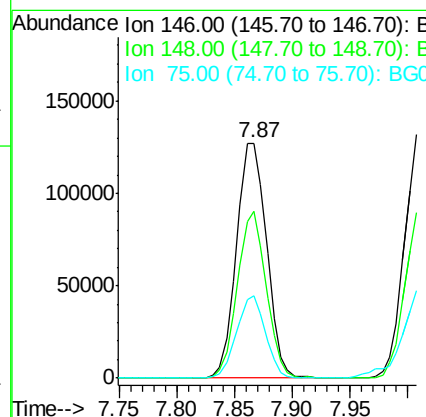
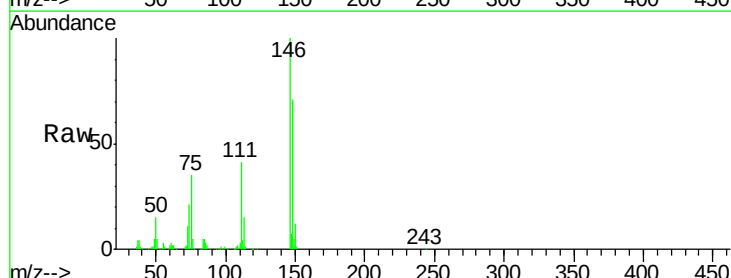
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

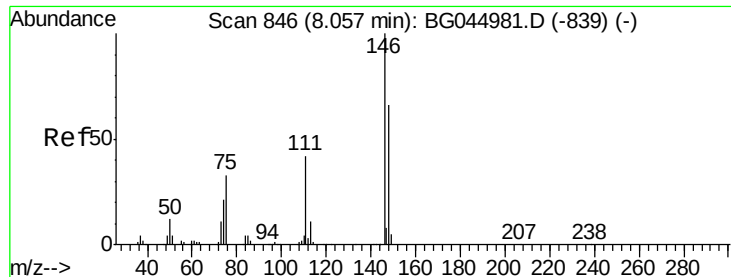
Tot Ion	Ratio	Lower	Upper
93	100		
63	68.3	51.8	91.8
95	31.9	13.8	53.8



#12
 1,3-Dichlorobenzene
 Concen: 39.337 ng
 RT: 7.87 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.7	54.6	81.8
75	35.1	26.0	39.0

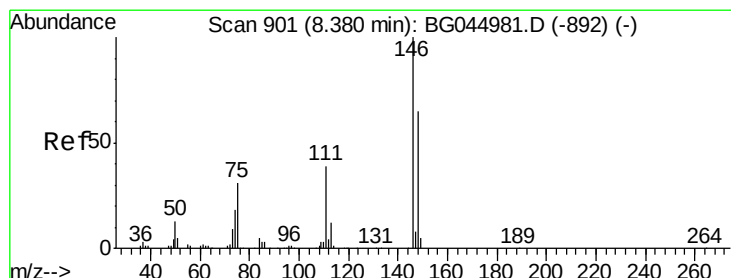
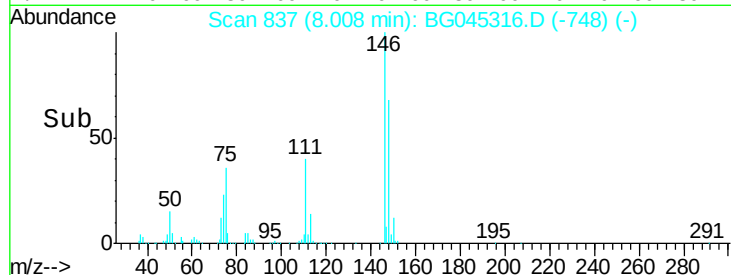
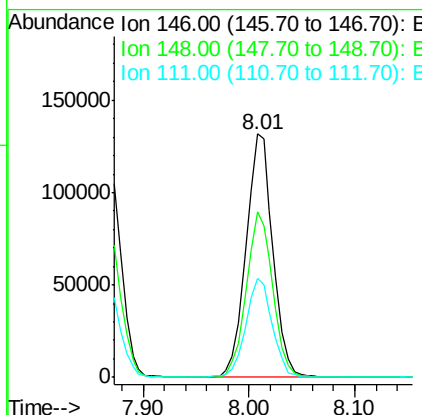
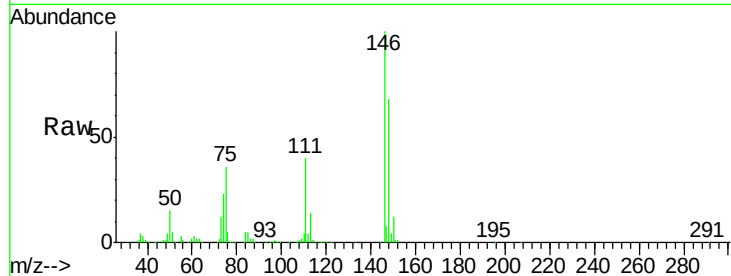




#13
 1,4-Dichlorobenzene
 Concen: 39.769 ng
 RT: 8.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

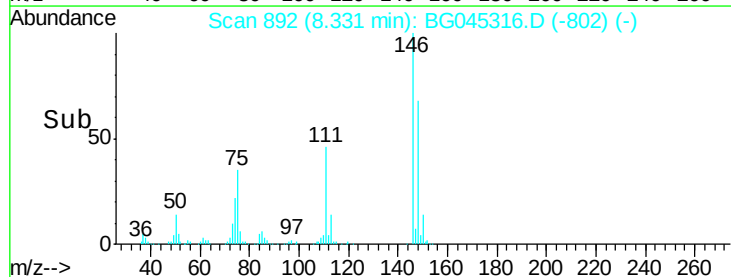
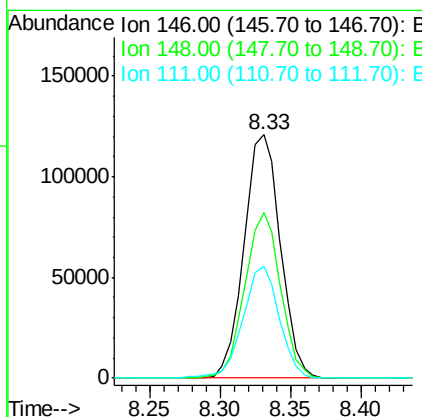
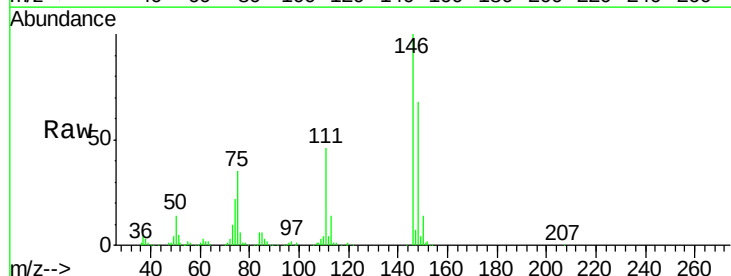
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

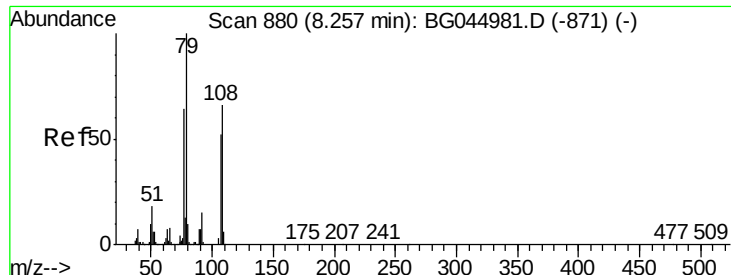
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	53.3	79.9
111	40.5	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 39.030 ng
 RT: 8.33 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	51.9	77.9
111	45.7	31.3	46.9

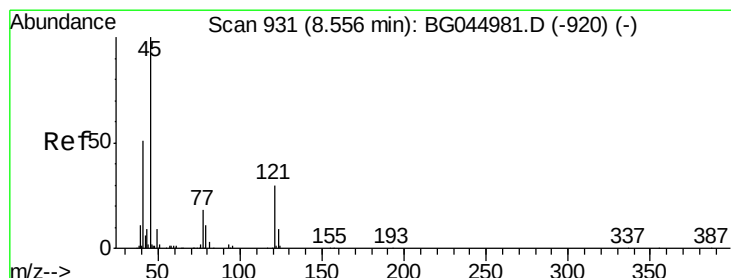
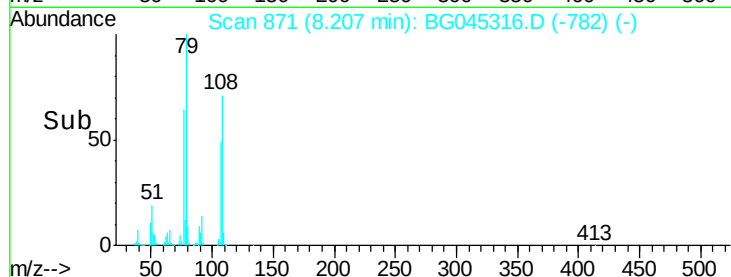
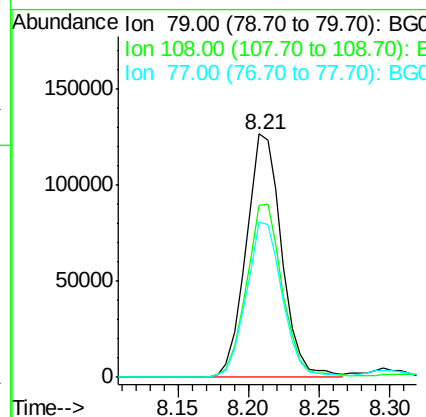
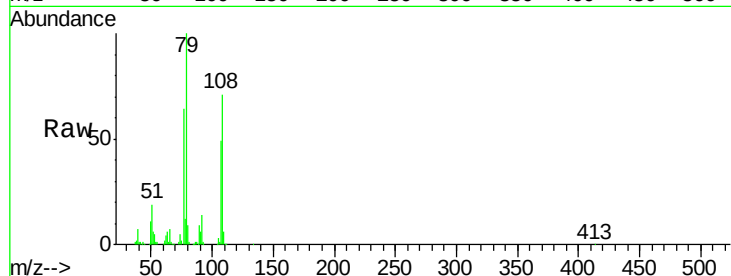




#15
Benzyl Alcohol
Concen: 38.760 ng
RT: 8.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

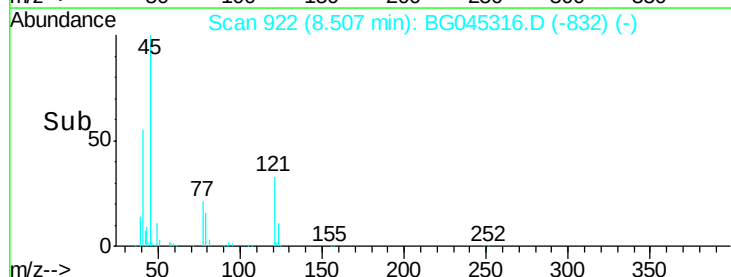
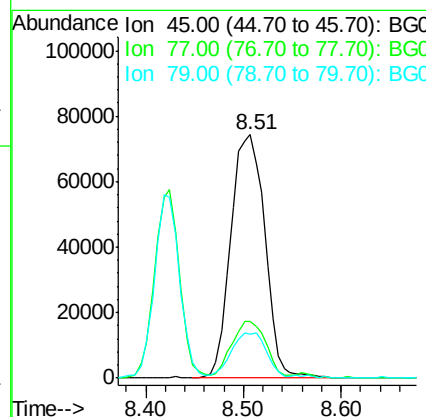
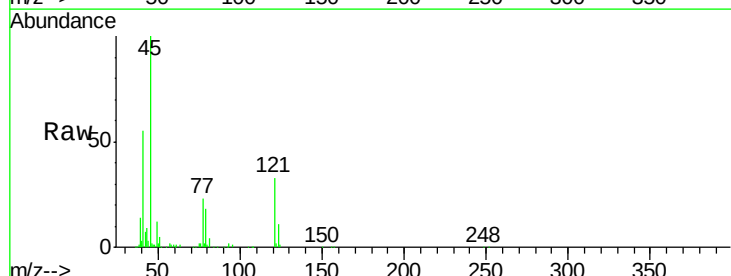
Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

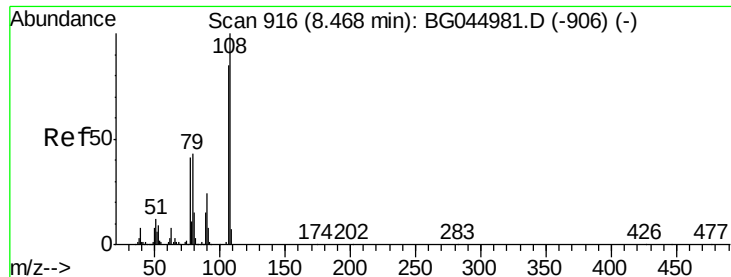
Tot Ion: 79 Resp: 223562
Ion Ratio Lower Upper
79 100
108 70.5 52.7 79.1
77 64.0 51.3 76.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.480 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion: 45 Resp: 180131
Ion Ratio Lower Upper
45 100
77 23.4 1.9 41.9
79 17.9 0.0 35.5





#17

2-Methylphenol

Concen: 36.910 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

Tot Ion:107 Resp: 196048

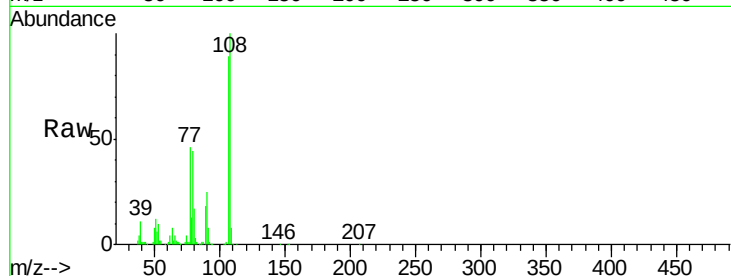
Ion Ratio Lower Upper

107 100

108 112.4 93.8 140.6

77 51.6 38.5 57.7

79 49.5 40.1 60.1



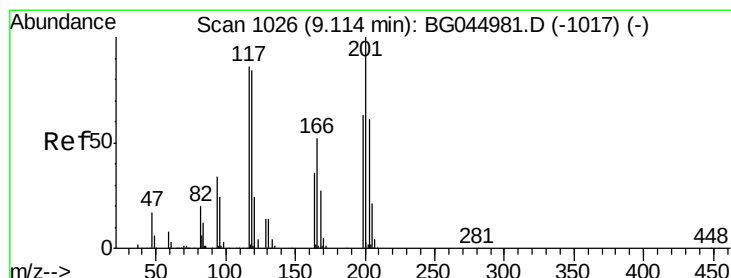
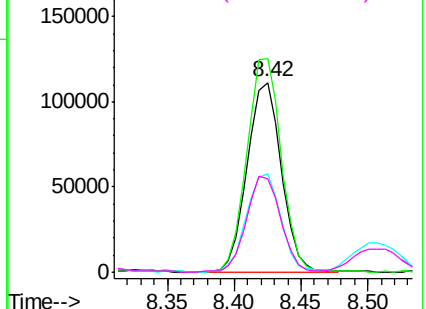
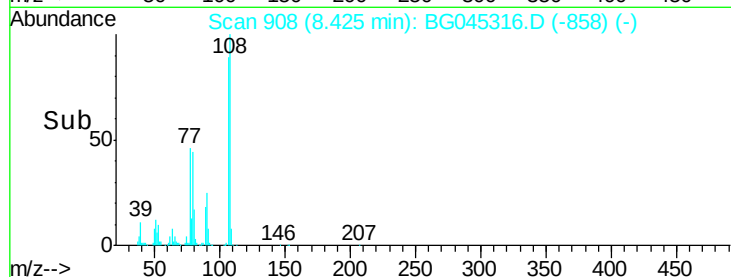
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 39.847 ng

RT: 9.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

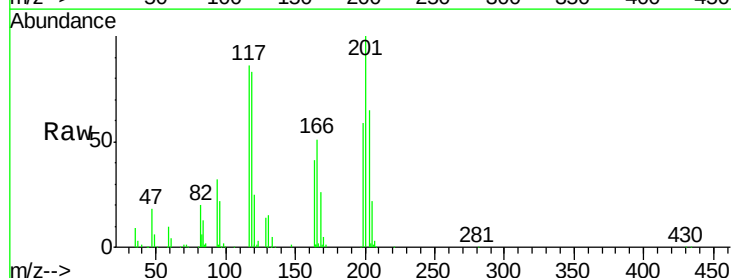
Tgt Ion:117 Resp: 87528

Ion Ratio Lower Upper

117 100

119 96.0 78.3 117.5

201 115.9 92.9 139.3

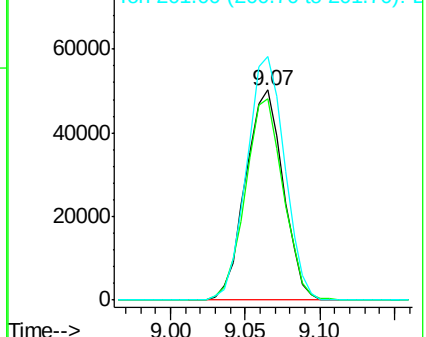
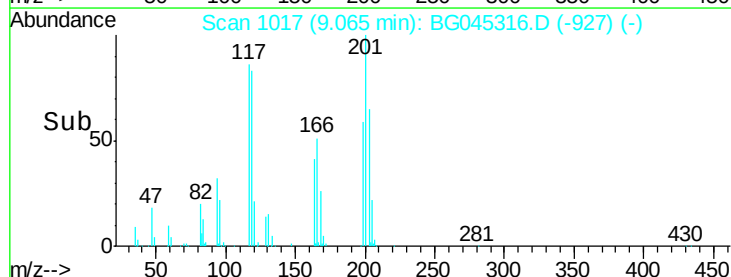


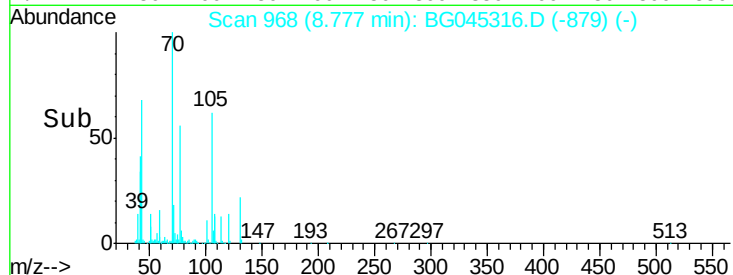
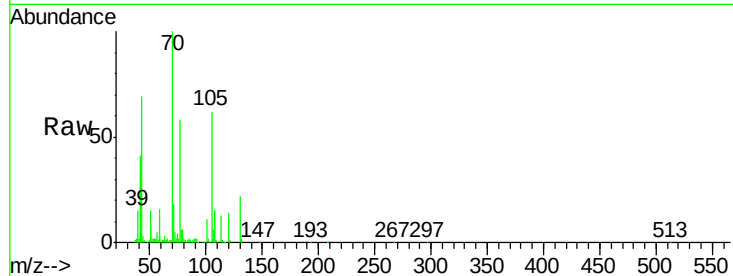
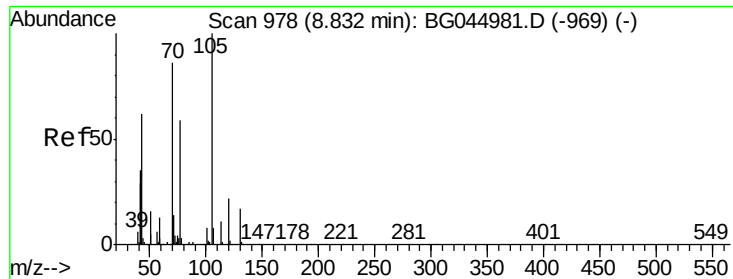
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

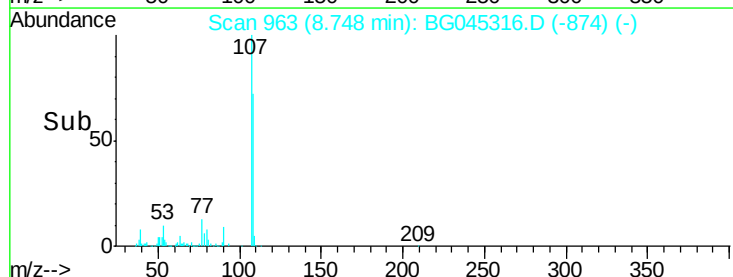
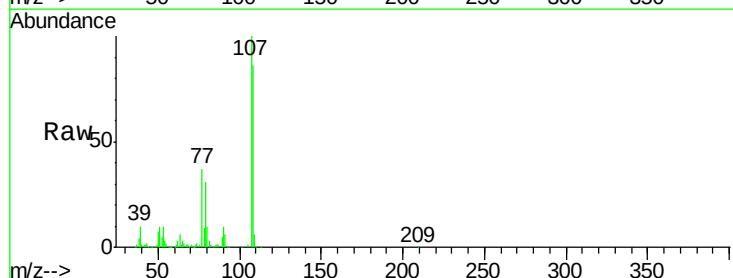
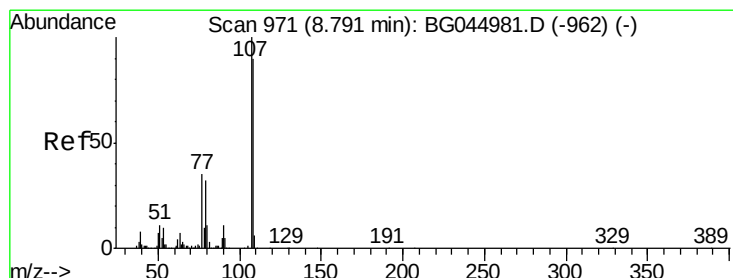
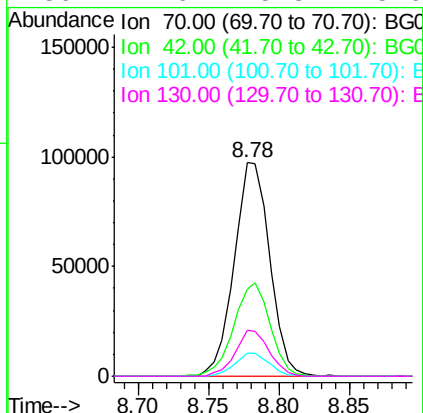




#19
n-Nitroso-di-n-propylamine
Concen: 35.238 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

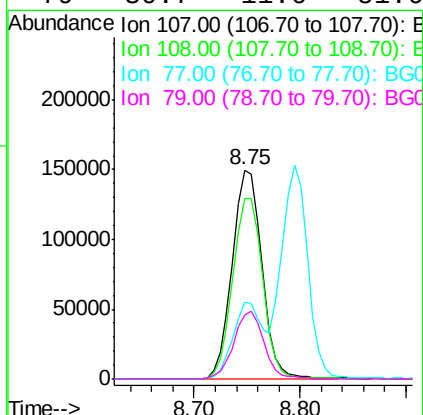
Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

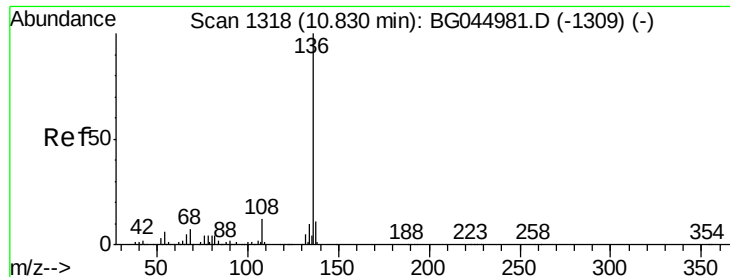
Tot Ion:	70	Resp:	171438
Ion	Ratio	Lower	Upper
70	100		
42	41.0	33.3	49.9
101	10.7	7.8	11.8
130	21.6	15.8	23.6



#20
3+4-Methylphenols
Concen: 39.079 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.01 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion:	107	Resp:	290531
Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	37.1	15.2	55.2
79	30.7	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

Tot Ion:136 Resp: 316265

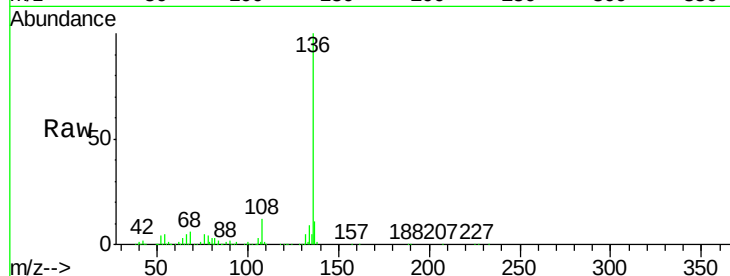
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.5 4.8 7.2

68 6.0 5.2 7.8

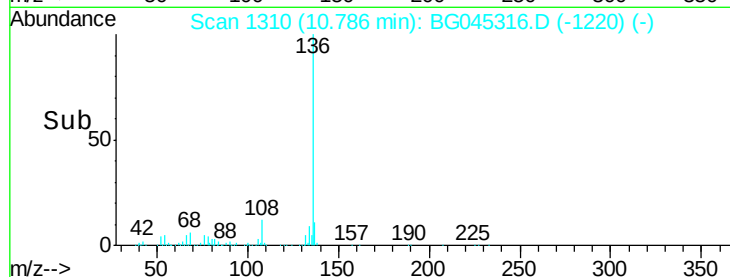


Abundance Ion 136.00 (135.70 to 136.70): E

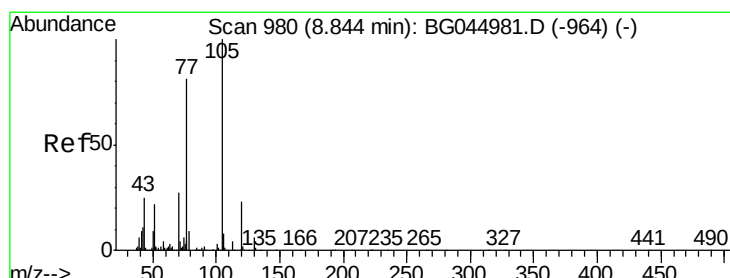
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 38.408 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Tgt Ion:105 Resp: 328488

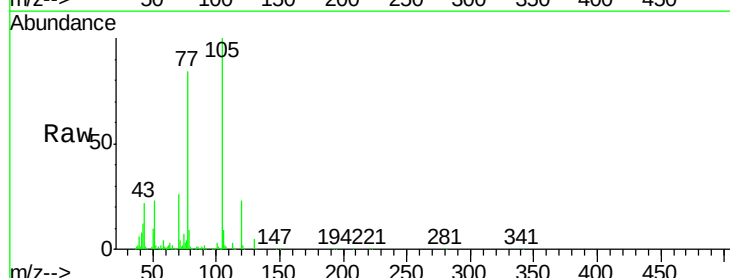
Ion Ratio Lower Upper

105 100

71 3.9 3.3 4.9

51 22.9 17.3 25.9

120 22.6 18.4 27.6

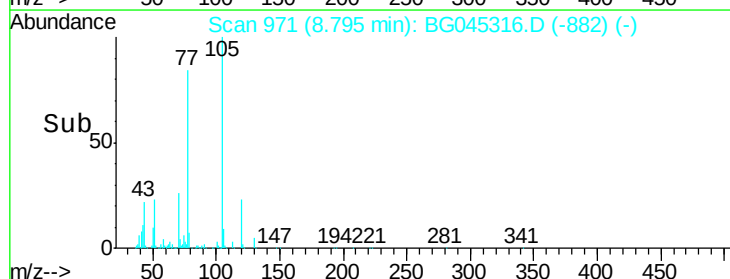


Abundance Ion 105.00 (104.70 to 105.70): E

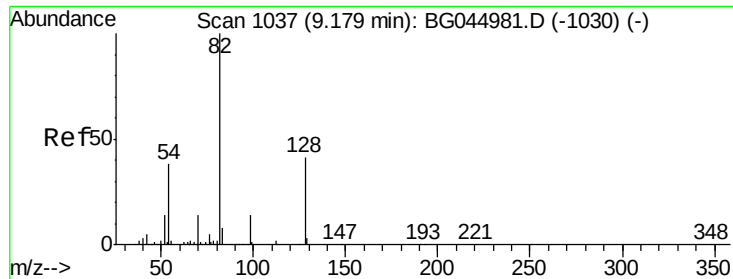
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



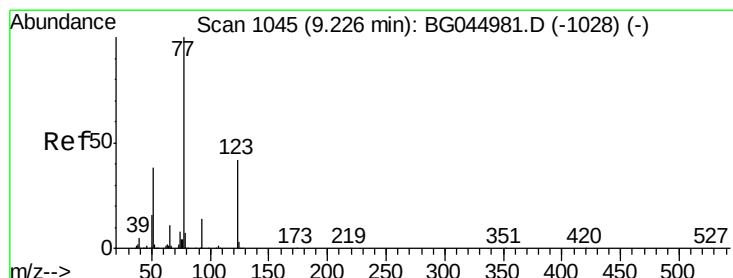
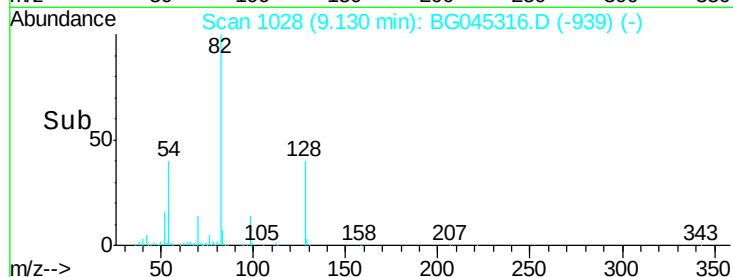
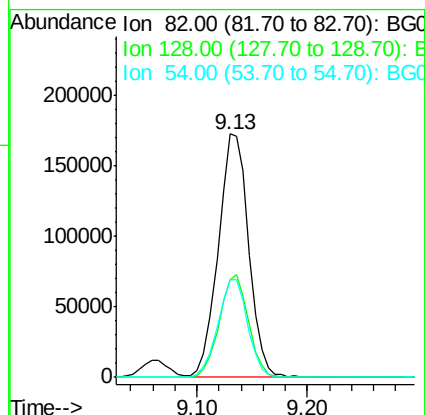
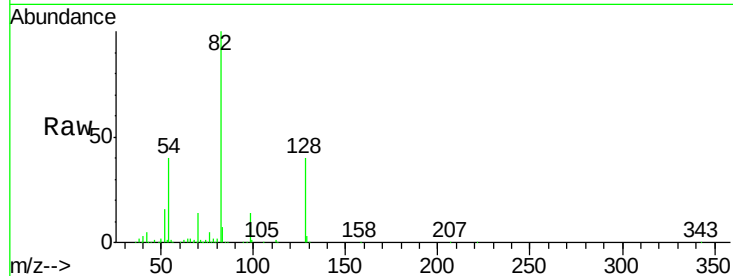
Time-->



#23
 Nitrobenzene-d5
 Concen: 47.378 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

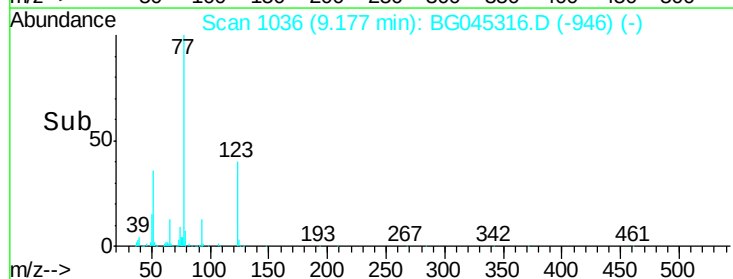
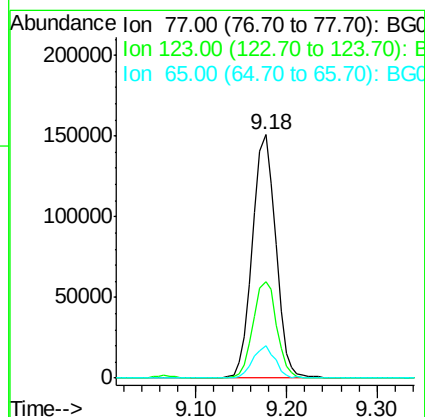
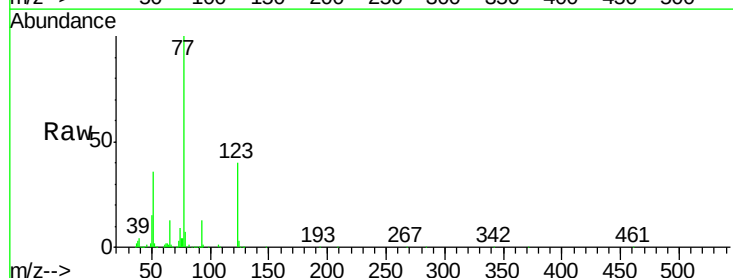
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

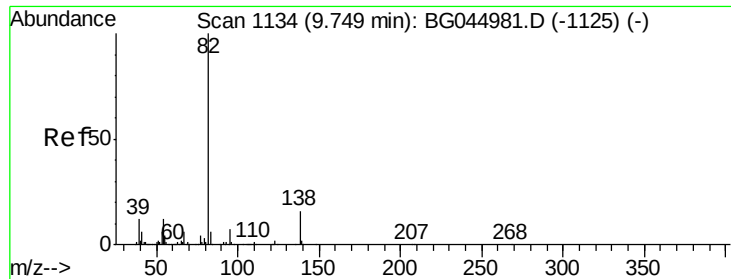
Tot Ion	82	Resp	328391
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.0	49.4
54	39.9	30.4	45.6



#24
 Nitrobenzene
 Concen: 38.260 ng
 RT: 9.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	77	Resp	271830
Ion Ratio	Lower	Upper	
77	100		
123	39.6	34.3	51.5
65	13.3	8.9	13.3





#25

Isophorone

Concen: 34.464 ng

RT: 9.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

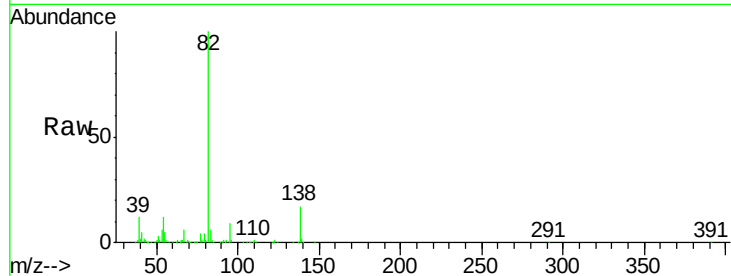
Tot Ion: 82 Resp: 489190

Ion Ratio Lower Upper

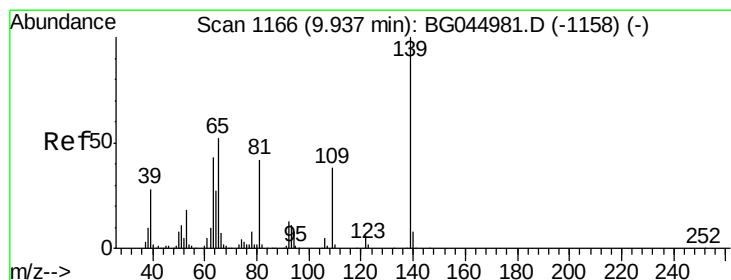
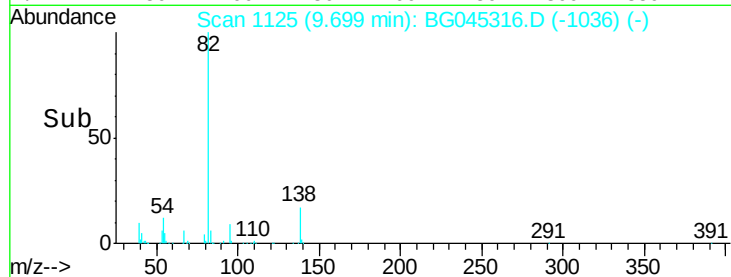
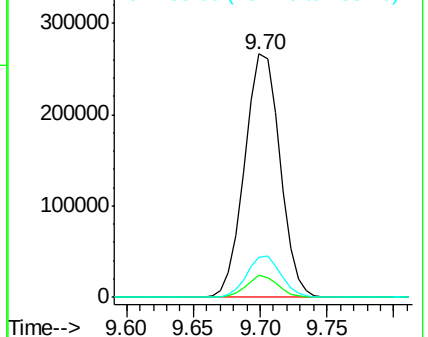
82 100

95 8.9 6.0 9.0

138 16.6 12.7 19.1



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: 39.913 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

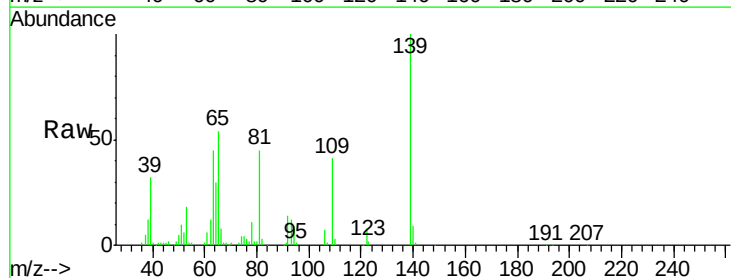
Tgt Ion: 139 Resp: 122149

Ion Ratio Lower Upper

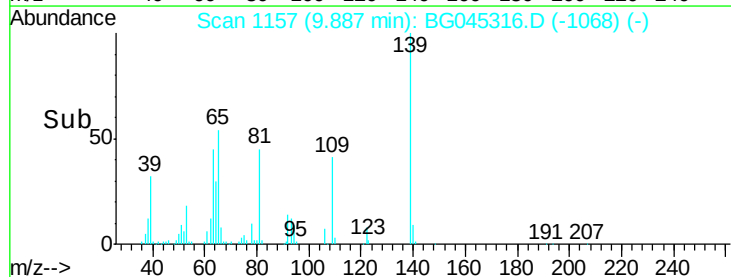
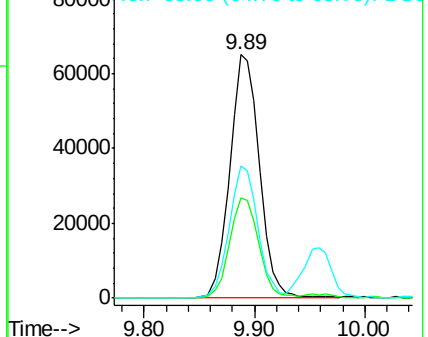
139 100

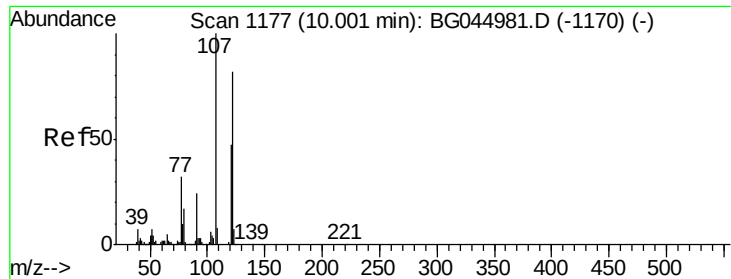
109 40.9 30.6 45.8

65 54.3 41.8 62.6



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

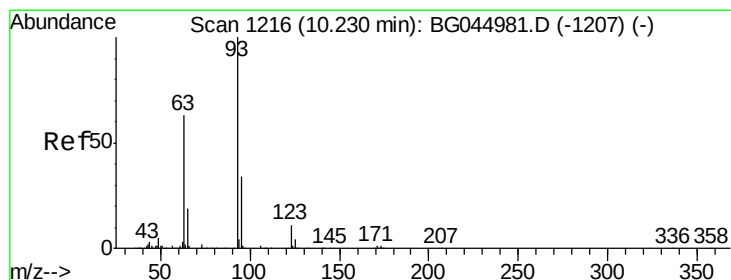
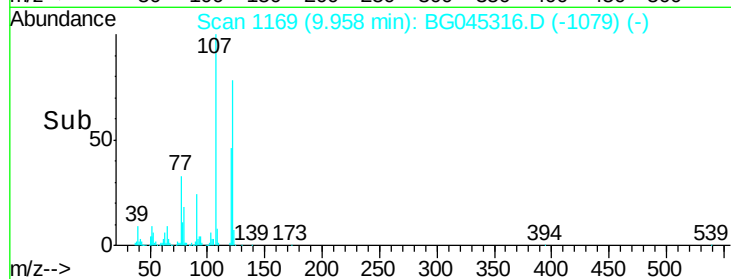
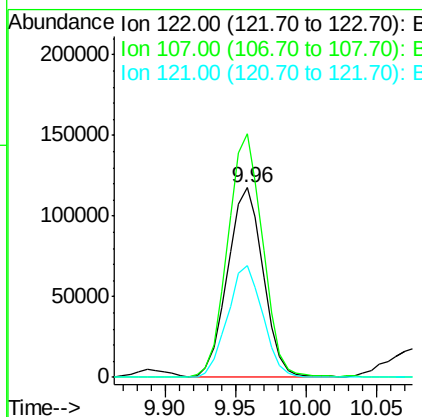
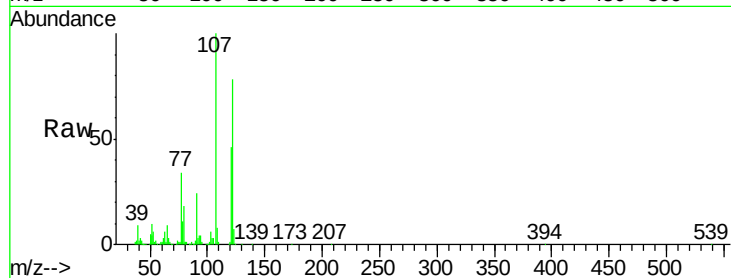




#27
 2,4-Dimethylphenol
 Concen: 42.192 ng
 RT: 9.96 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

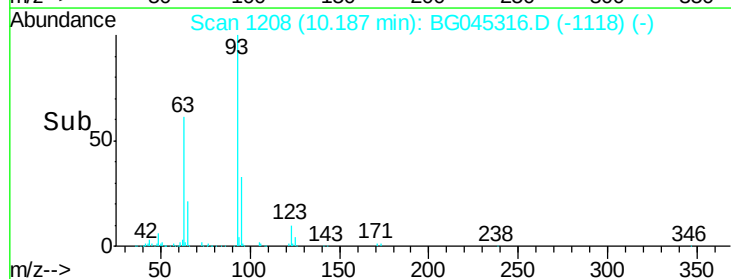
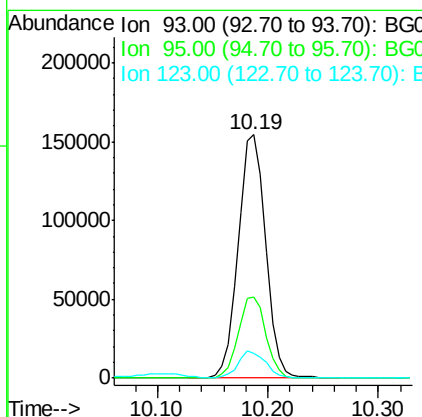
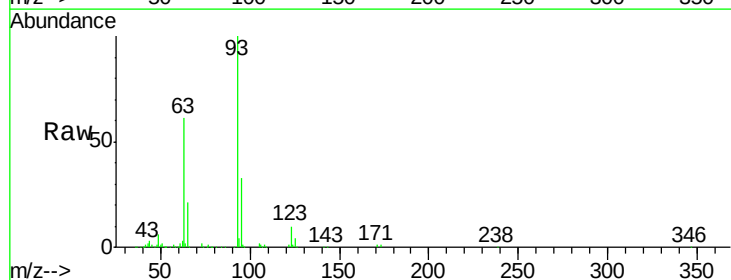
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

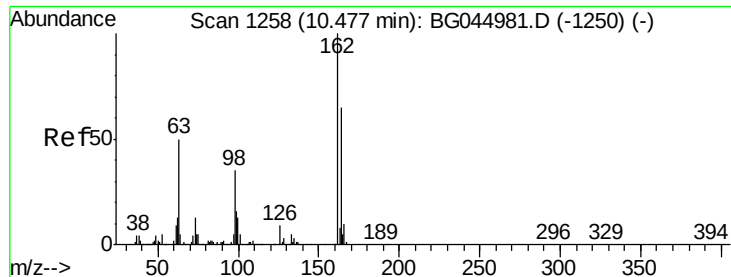
Tot Ion	Ratio	Lower	Upper
122	100		
107	128.6	96.8	145.2
121	58.8	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.307 ng
 RT: 10.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.0	40.4
123	10.4	8.7	13.1

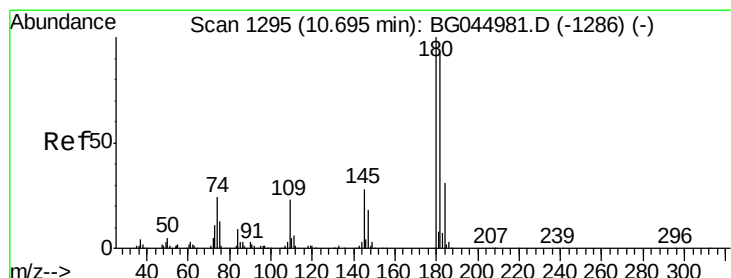
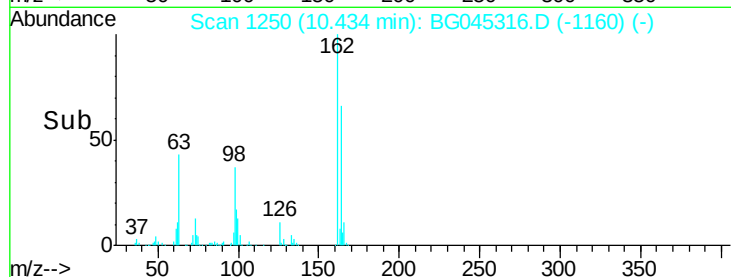
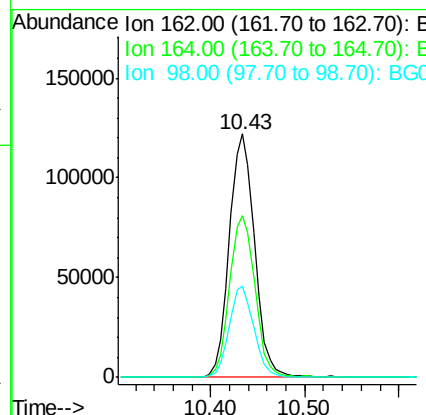
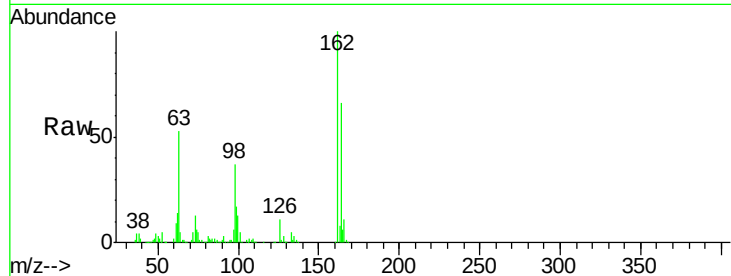




#29
 2,4-Dichlorophenol
 Concen: 40.710 ng
 RT: 10.43 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

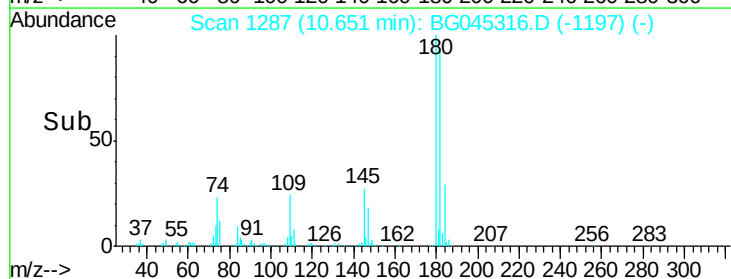
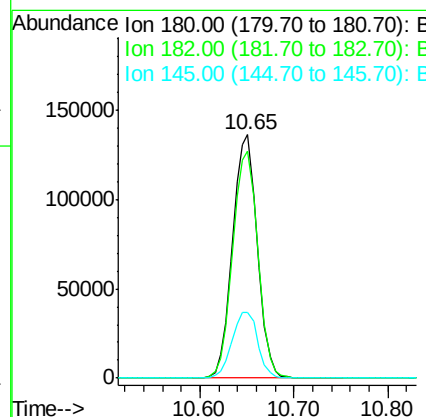
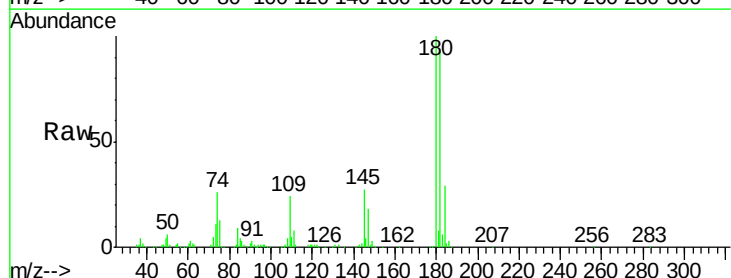
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

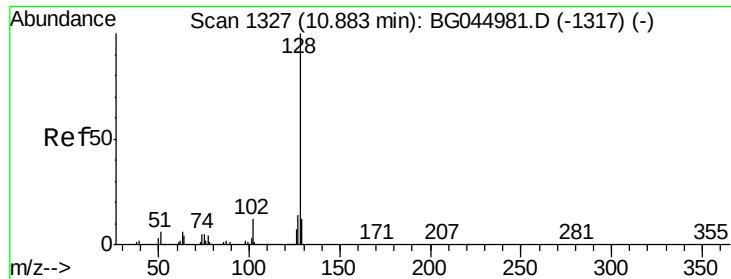
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	45.0	85.0
98	37.5	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 39.046 ng
 RT: 10.65 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	73.3	109.9
145	27.1	22.6	33.8

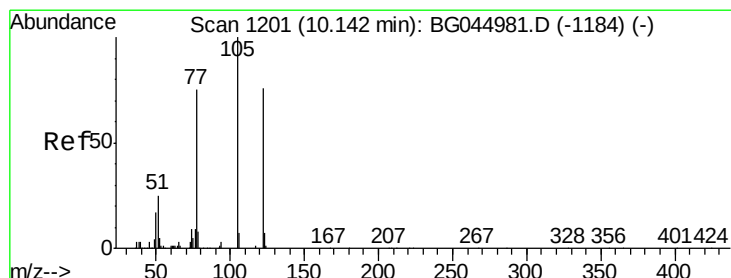
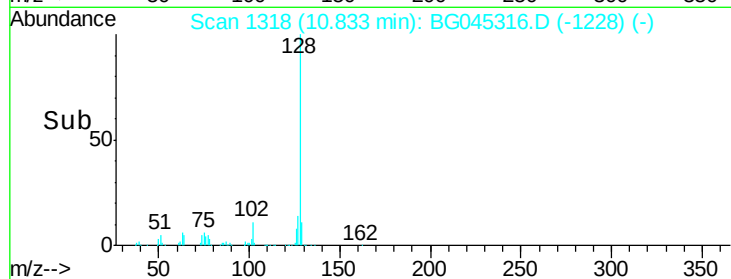
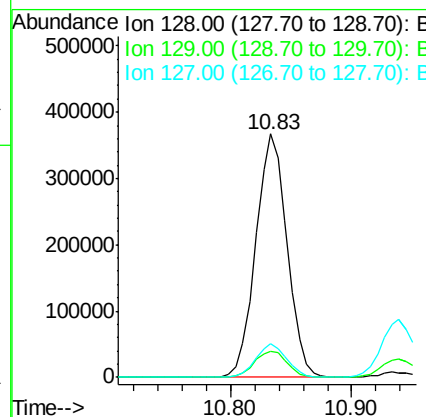
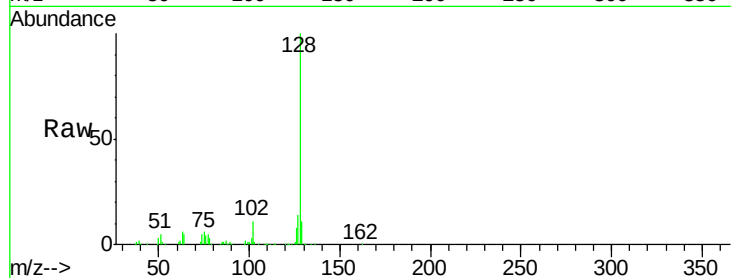




#31
Naphthalene
Concen: 38.135 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

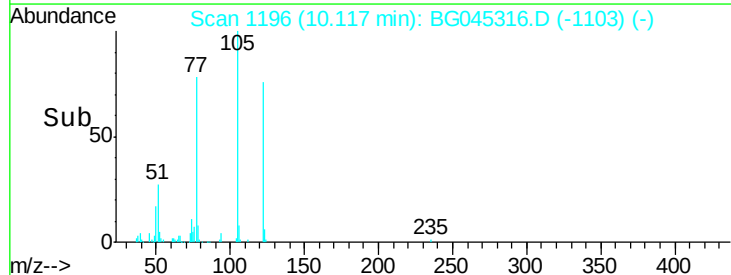
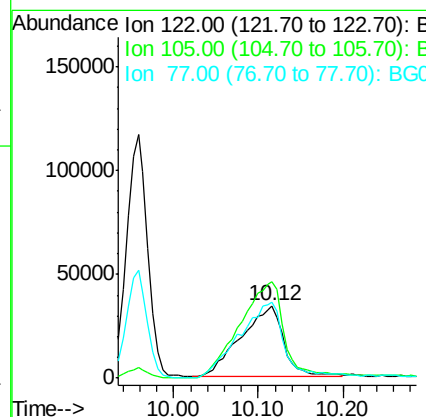
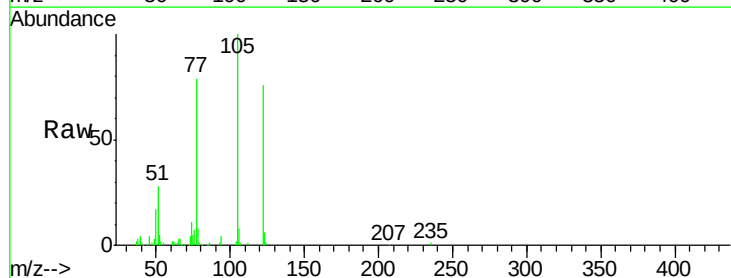
Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

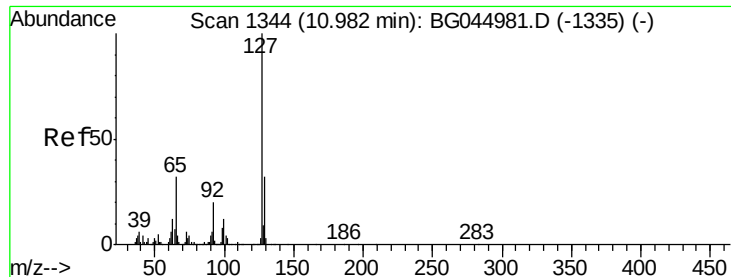
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	14.1	10.8	16.2



#32
Benzoic acid
Concen: 33.405 ng
RT: 10.12 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.4	108.4	148.4
77	104.6	78.8	118.8

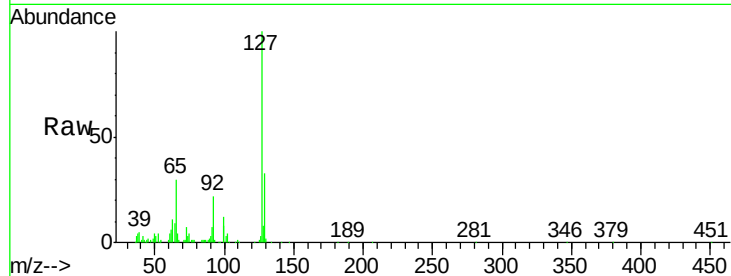




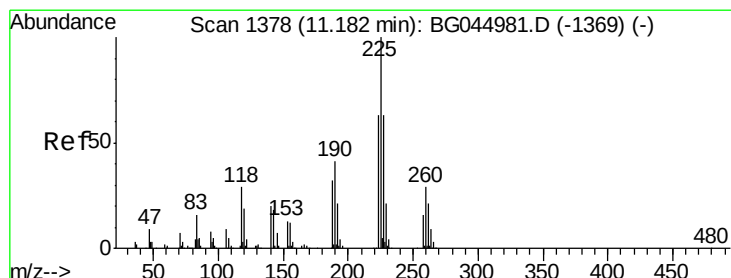
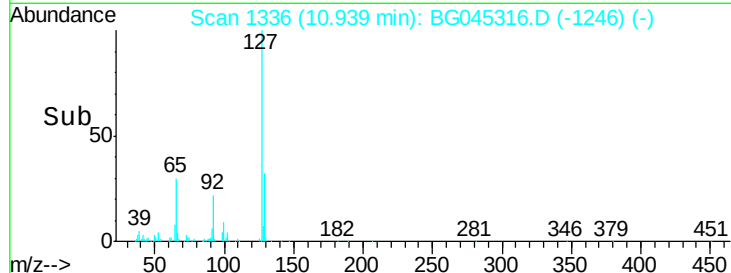
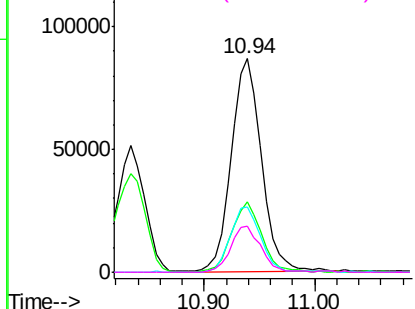
#33
4-Chloroaniline
Concen: 20.656 ng
RT: 10.94 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

Tot Ion:127	Resp:	166669
Ion Ratio	Lower	Upper
127	100	
129	32.7	25.7 38.5
65	30.4	25.4 38.2
92	21.7	16.1 24.1

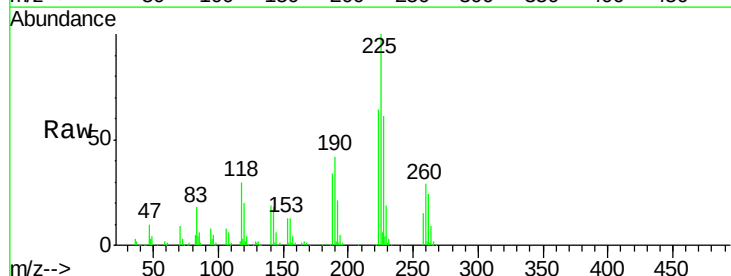


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

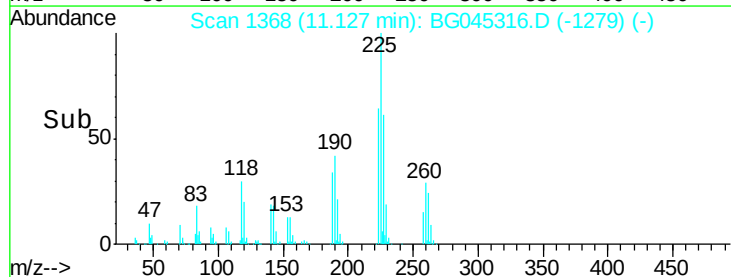
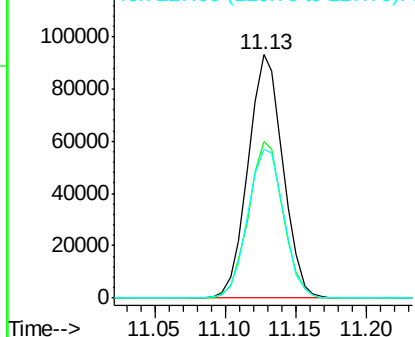


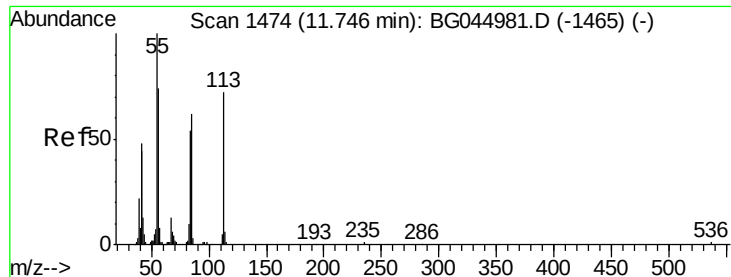
#34
Hexachlorobutadiene
Concen: 37.009 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion:225	Resp:	161085
Ion Ratio	Lower	Upper
225	100	
223	64.2	50.7 76.1
227	61.0	50.2 75.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

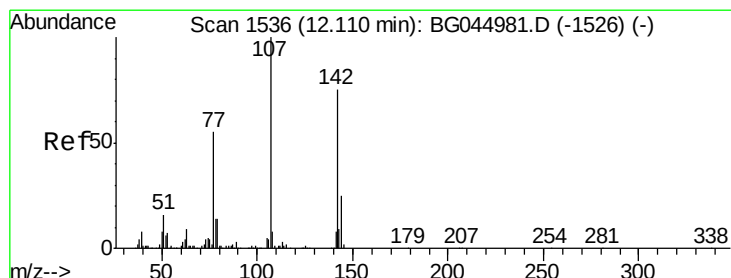
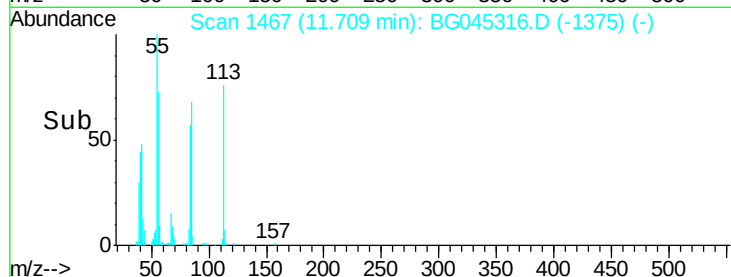
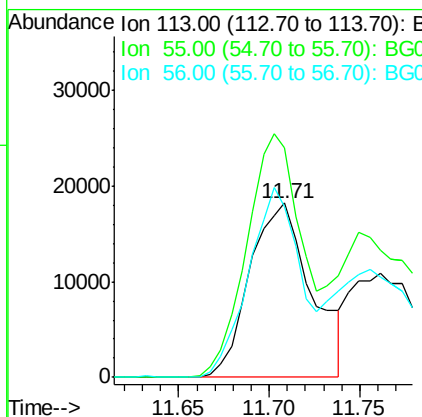
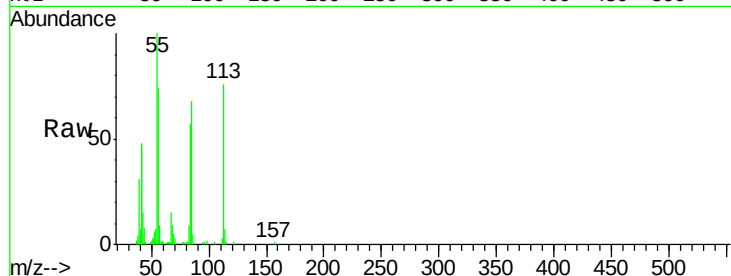




#35
 Caprolactam
 Concen: 19.264 ng
 RT: 11.71 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

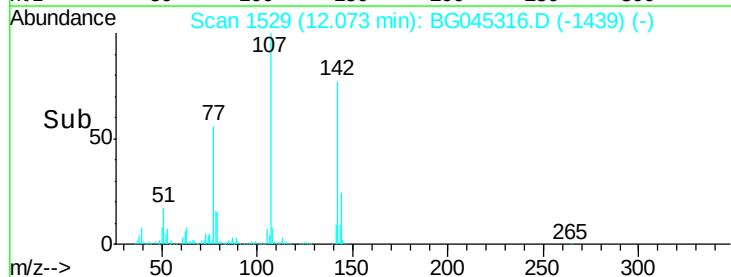
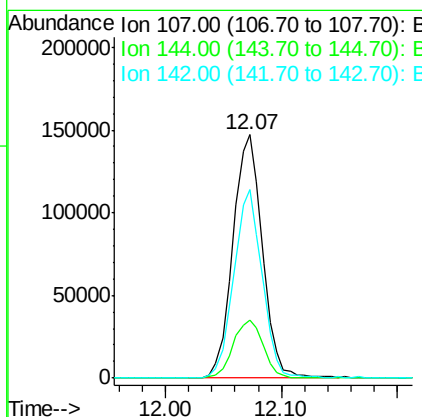
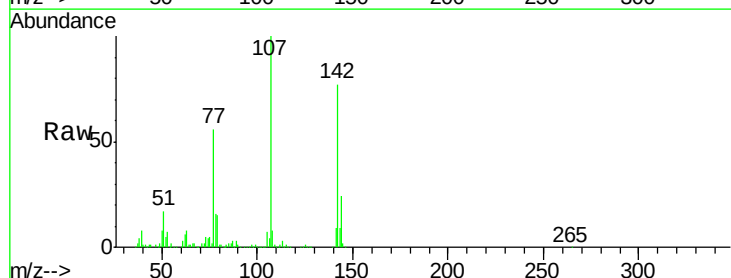
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

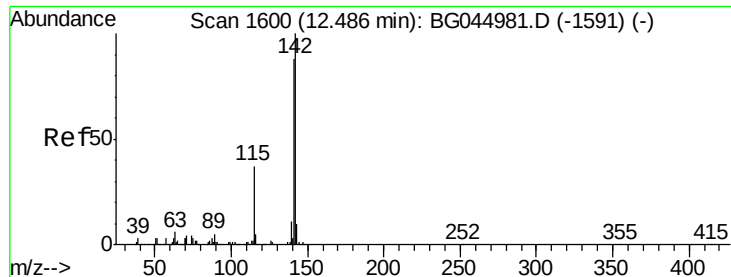
Tot Ion:113 Resp: 42990
 Ion Ratio Lower Upper
 113 100
 55 131.9 118.8 158.8
 56 97.7 82.6 122.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.378 ng
 RT: 12.07 min Scan# 1529
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion:107 Resp: 259377
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.8 29.6
 142 77.2 59.7 89.5

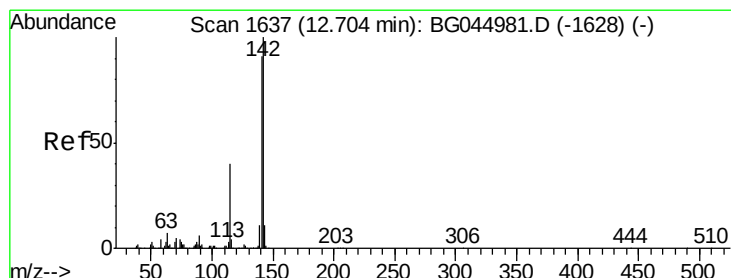
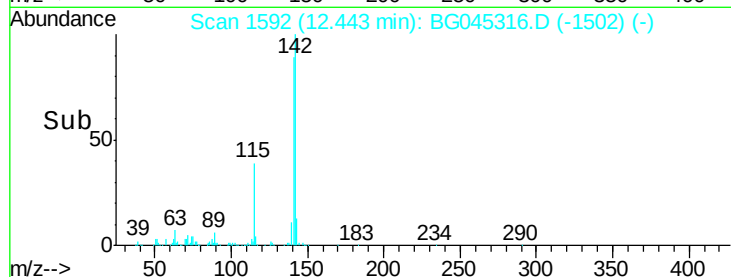
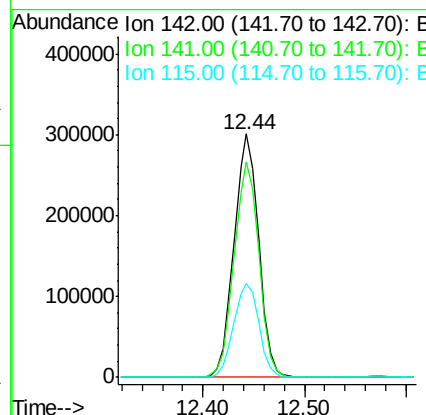
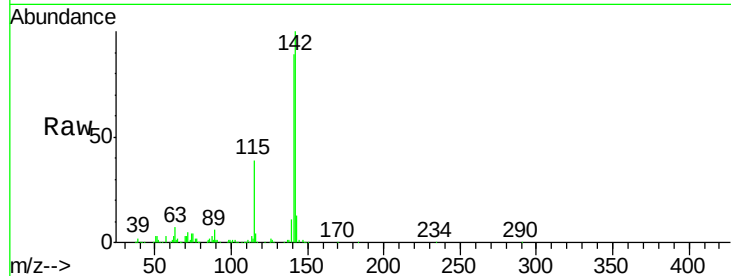




#37
 2-Methylnaphthalene
 Concen: 37.726 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

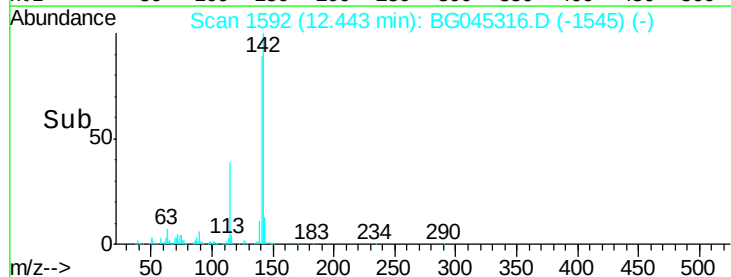
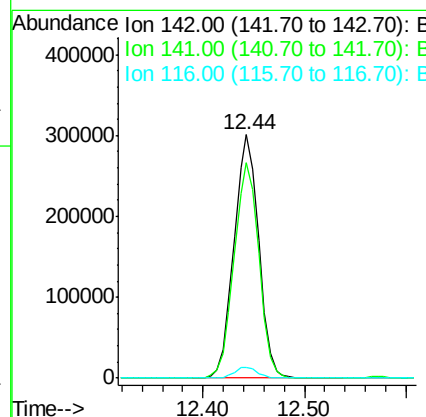
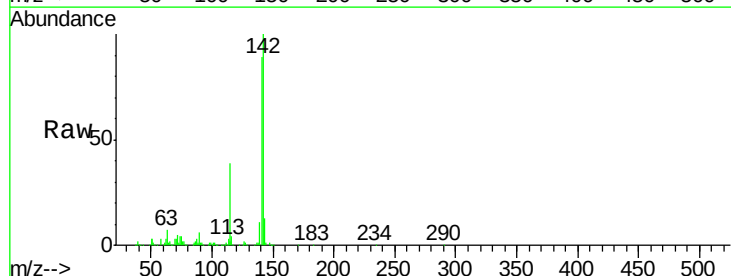
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

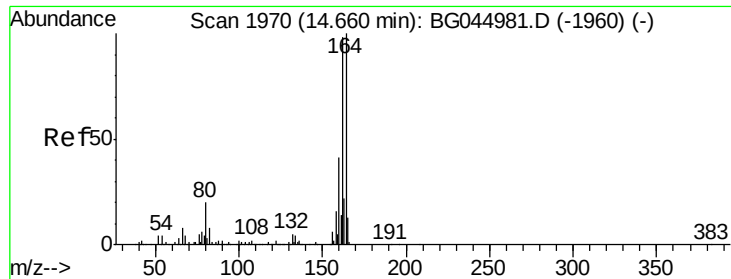
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5
115	38.8	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 39.962 ng
 RT: 12.44 min Scan# 1592
 Delta R.T. -0.23 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.7	109.1
116	4.3	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.62 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

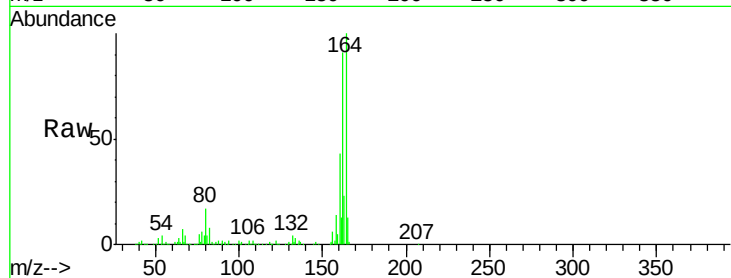
Tot Ion:164 Resp: 231908

Ion Ratio Lower Upper

164 100

162 91.2 78.7 118.1

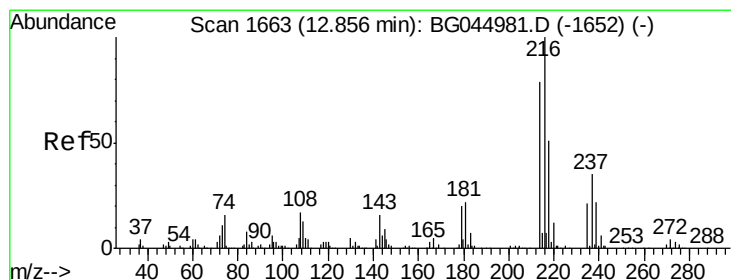
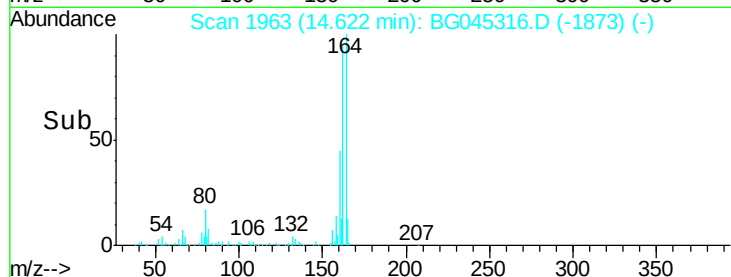
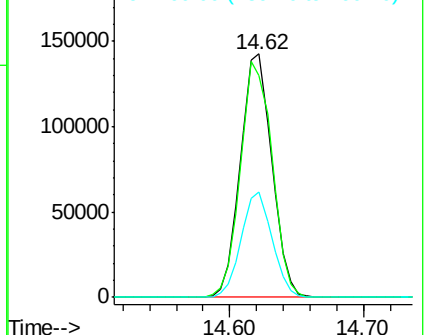
160 43.0 32.8 49.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.270 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Tgt Ion:216 Resp: 285752

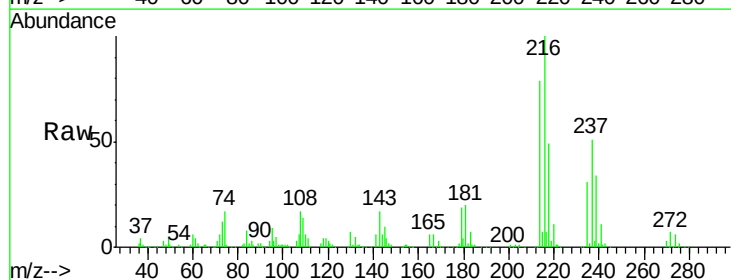
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.6

179 20.6 15.8 23.8

108 18.2 14.2 21.2

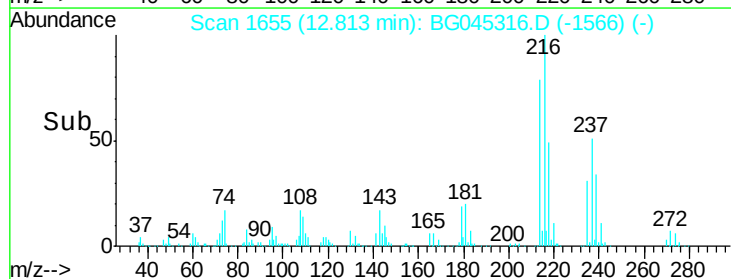
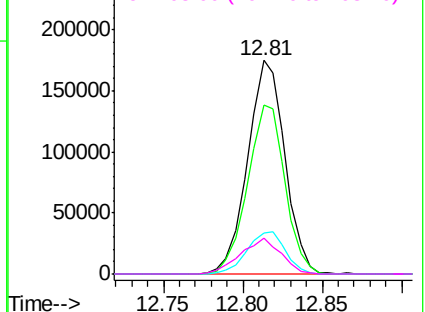


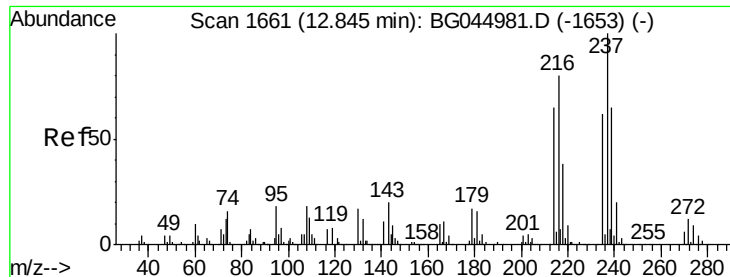
Abundance Ion 216.00 (215.70 to 216.70): E

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

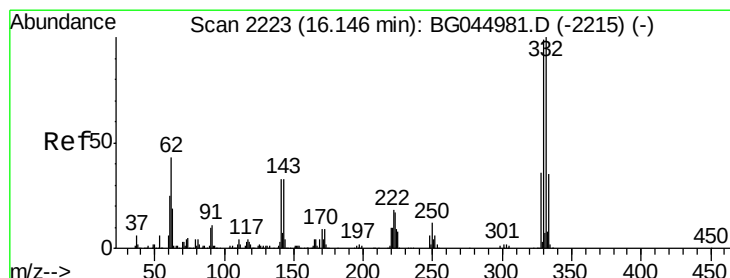
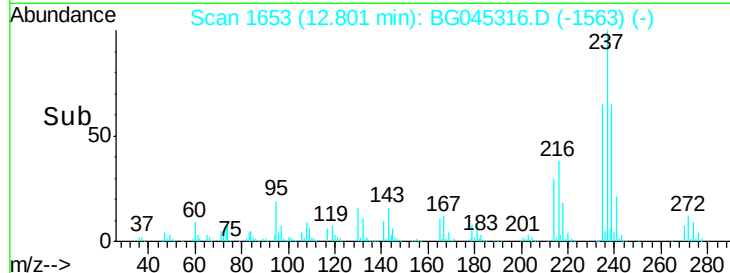
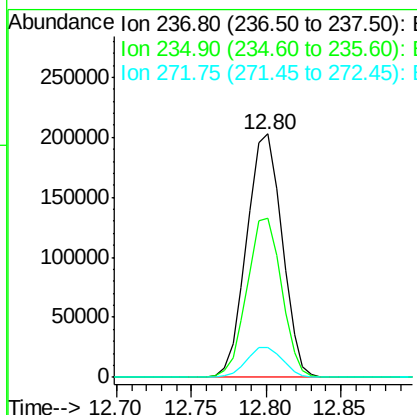
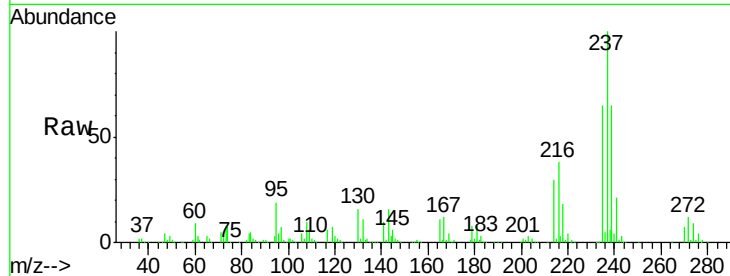




#41
 Hexachlorocyclopentadiene
 Concen: 71.288 ng
 RT: 12.80 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

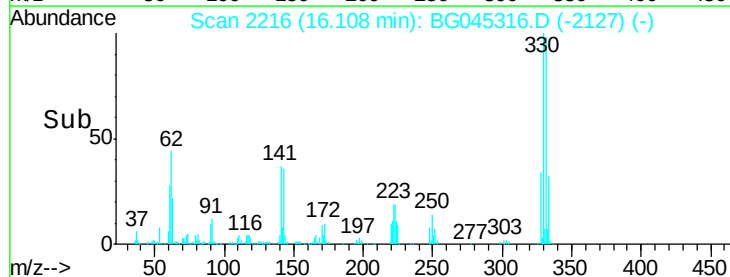
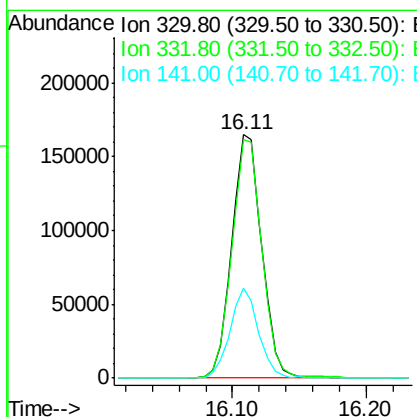
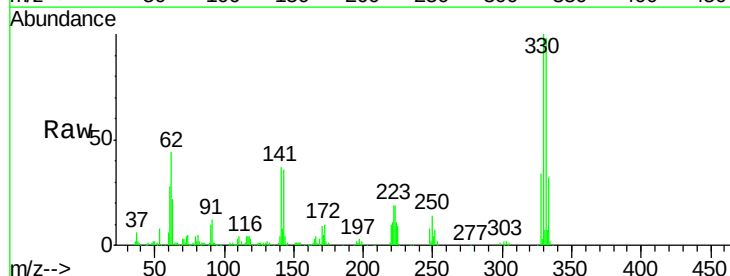
Instrument :
 BNA_G
 ClientSampled :
 TP-12AMSD

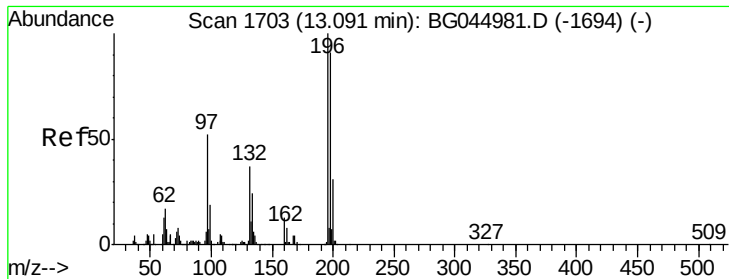
Tot Ion:	237	Resp:	332694
Ion Ratio	Lower	Upper	
237	100		
235	65.3	41.6	81.6
272	12.3	0.0	32.1



#42
 2,4,6-Tribromophenol
 Concen: 72.111 ng
 RT: 16.11 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion:	330	Resp:	258351
Ion Ratio	Lower	Upper	
330	100		
332	98.2	79.1	118.7
141	35.2	27.1	40.7

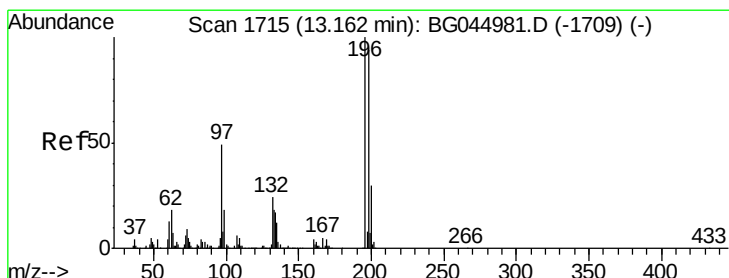
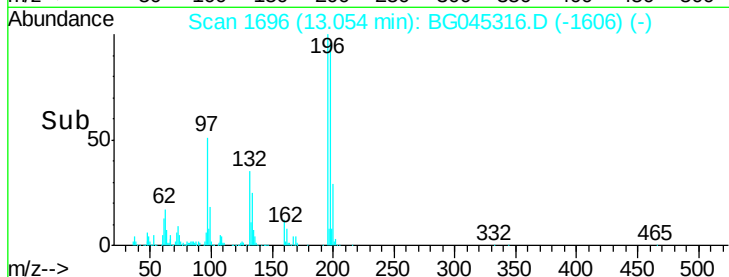
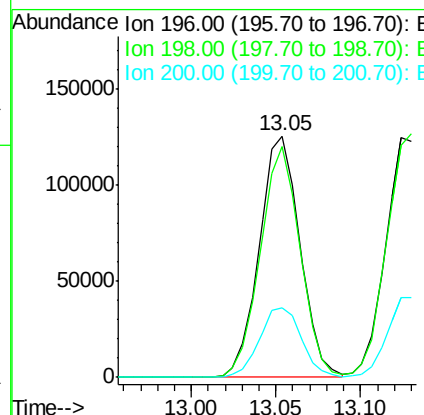
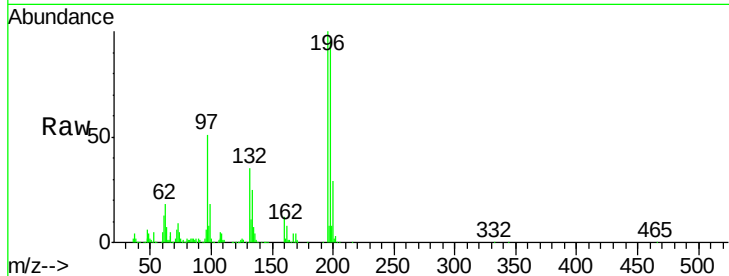




#43
 2,4,6-Trichlorophenol
 Concen: 39.590 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

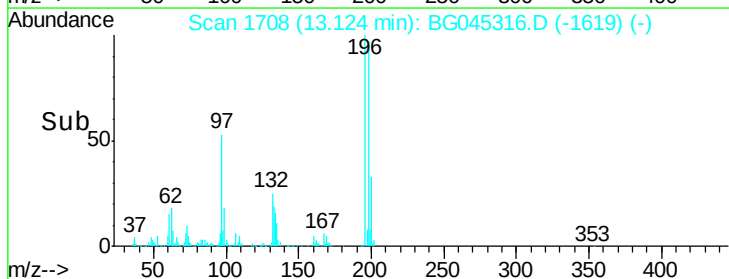
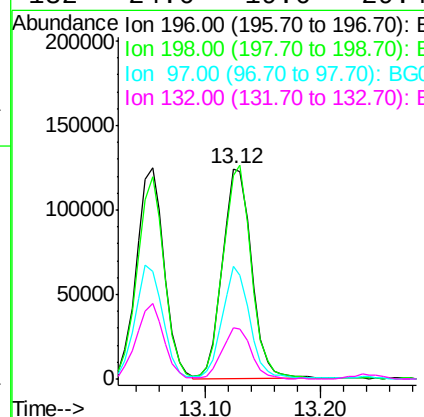
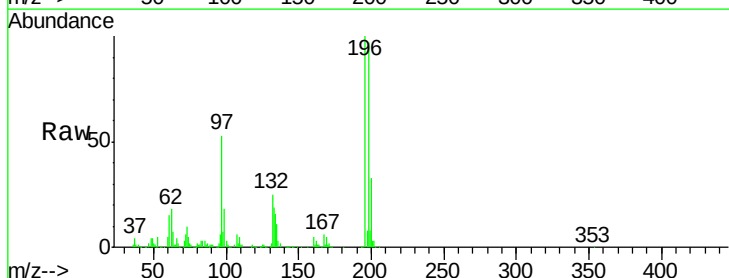
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

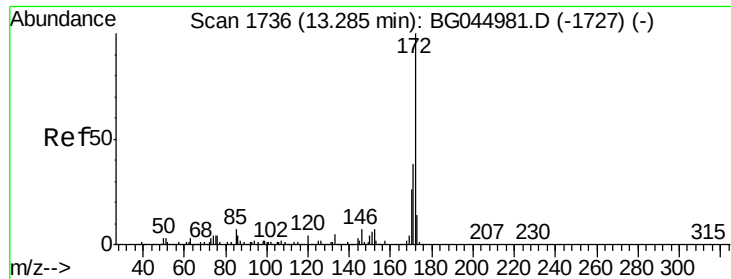
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	72.5	108.7
200	28.8	24.5	36.7



#44
 2,4,5-Trichlorophenol
 Concen: 36.212 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
97	53.4	39.6	59.4
132	24.6	19.6	29.4

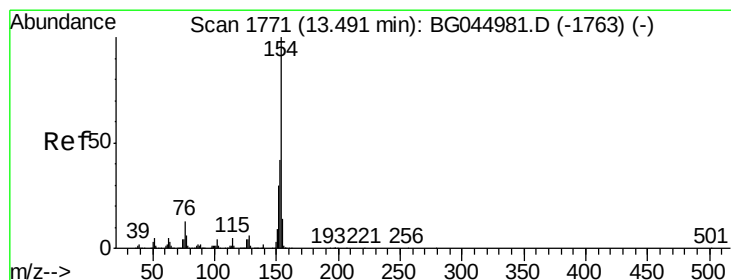
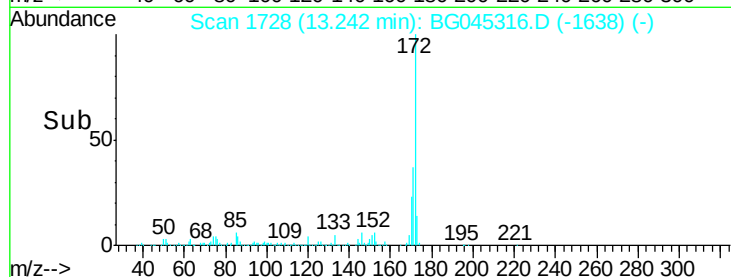
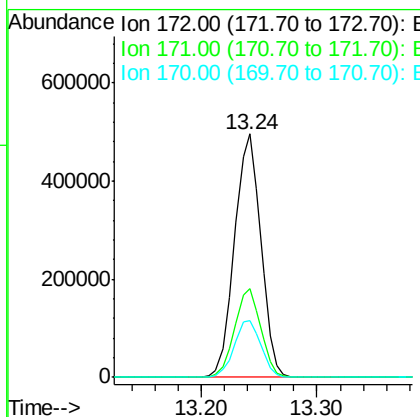
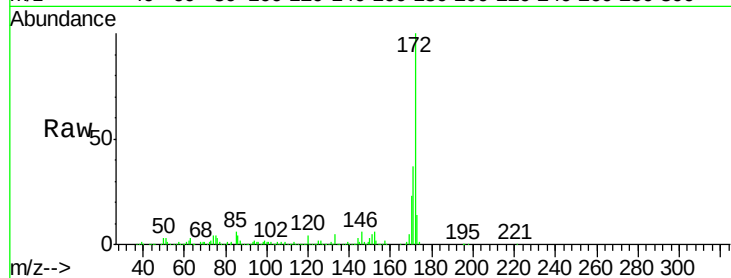




#45
 2-Fluorobiphenyl
 Concen: 49.458 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

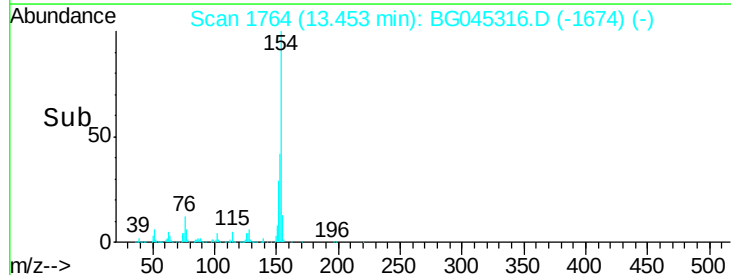
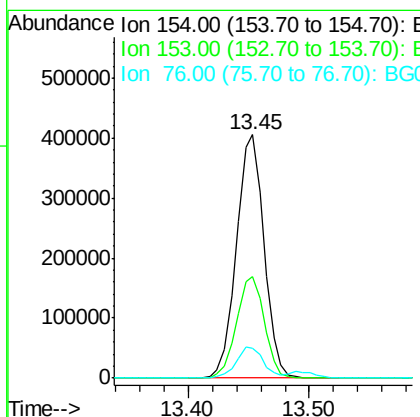
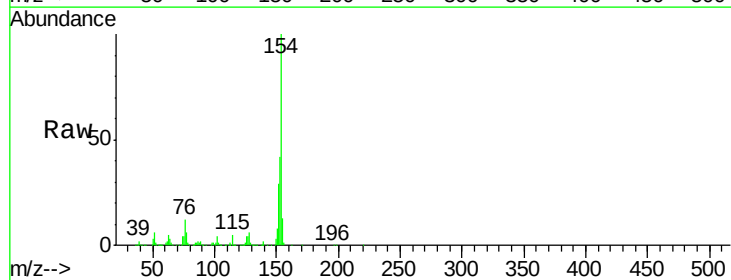
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

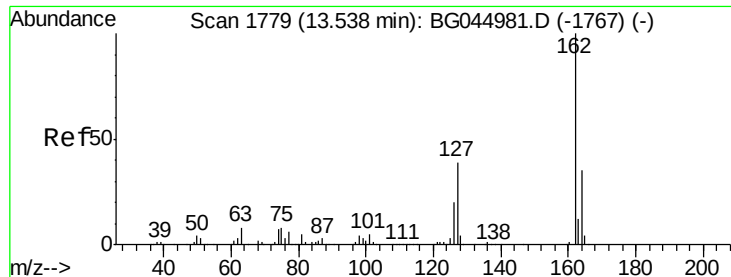
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.6	46.0
170	23.4	20.5	30.7



#46
 1,1'-Biphenyl
 Concen: 36.681 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.9	61.9
76	12.3	0.0	33.1

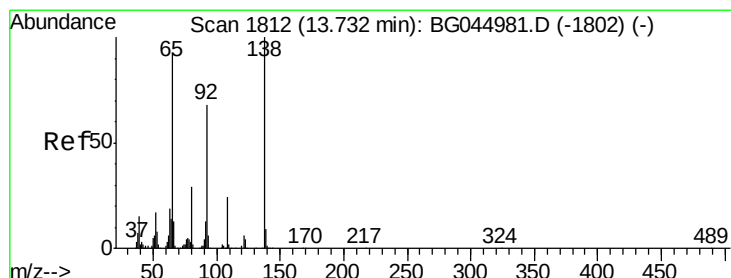
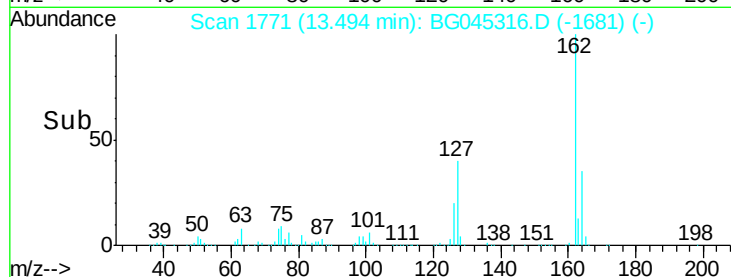
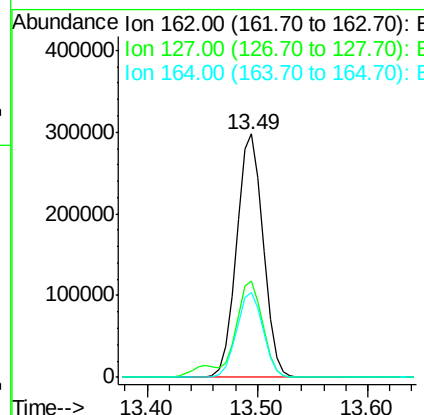
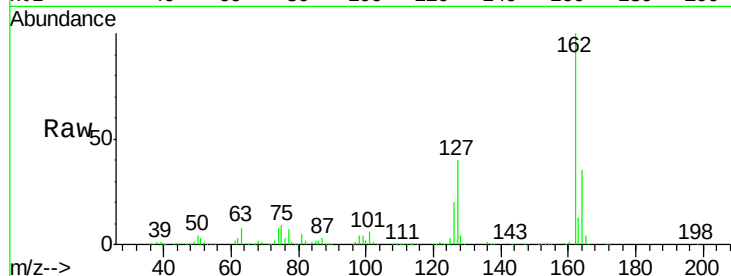




#47
2-Chloronaphthalene
Concen: 37.424 ng
RT: 13.49 min Scan# 1771
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

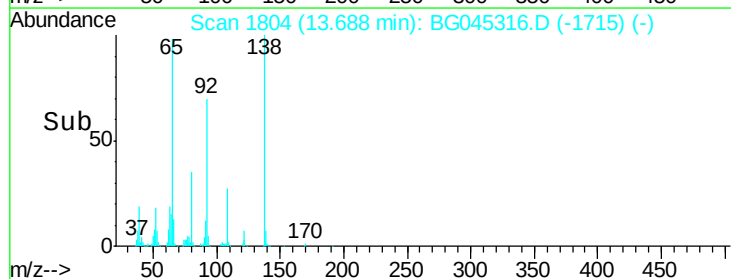
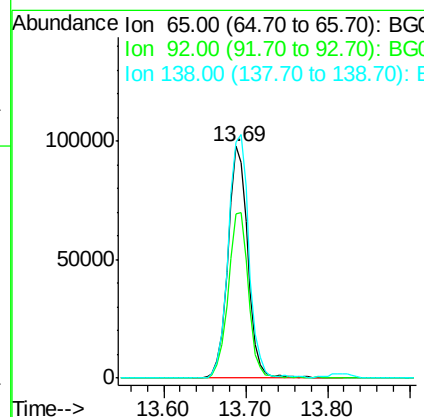
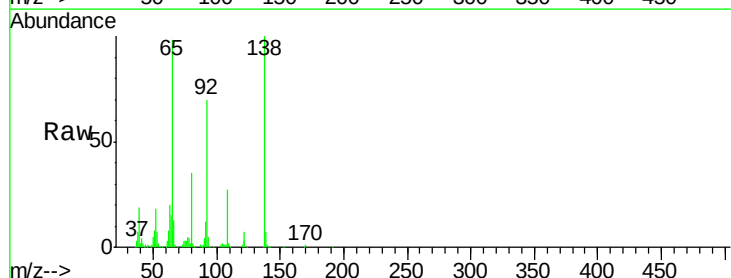
Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

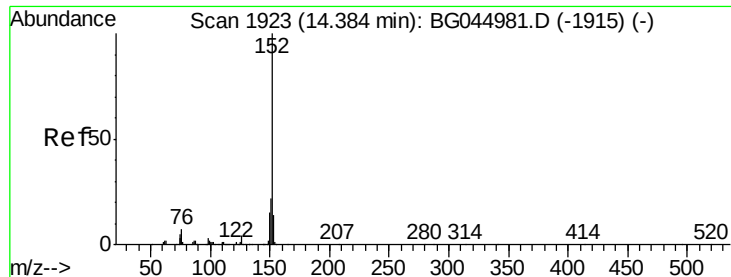
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.6	31.3	46.9
164	34.9	27.8	41.8



#48
2-Nitroaniline
Concen: 37.357 ng
RT: 13.69 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	58.3	87.5
138	102.0	85.6	128.4





#49

Acenaphthylene

Concen: 38.176 ng

RT: 14.34 min Scan# 1915

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

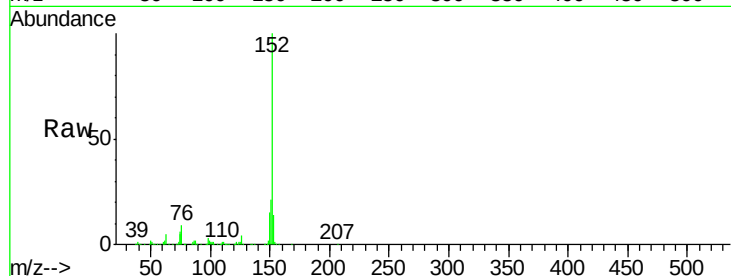
Tot Ion:152 Resp: 837515

Ion Ratio Lower Upper

152 100

151 21.5 17.2 25.8

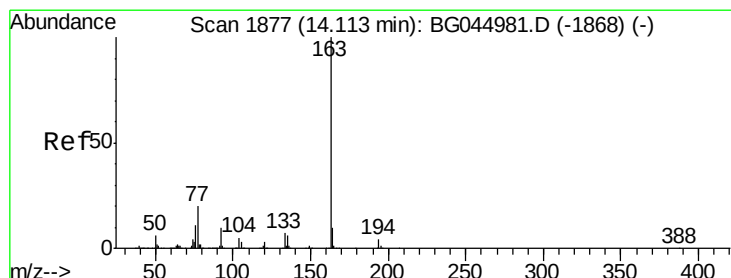
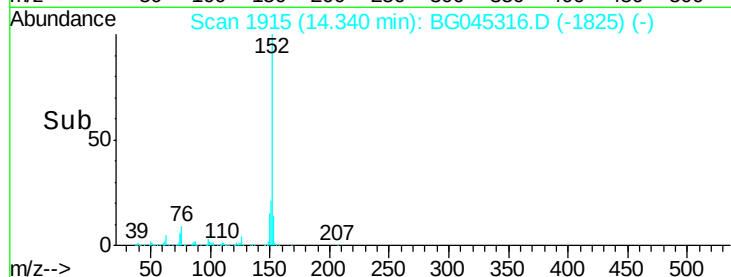
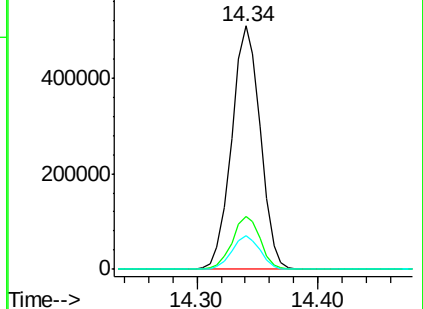
153 14.1 11.0 16.4



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: 39.781 ng

RT: 14.08 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

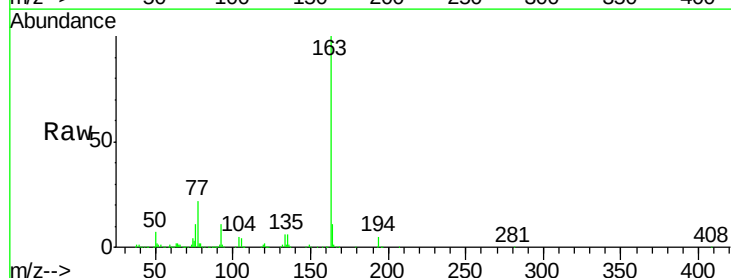
Tgt Ion:163 Resp: 751191

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

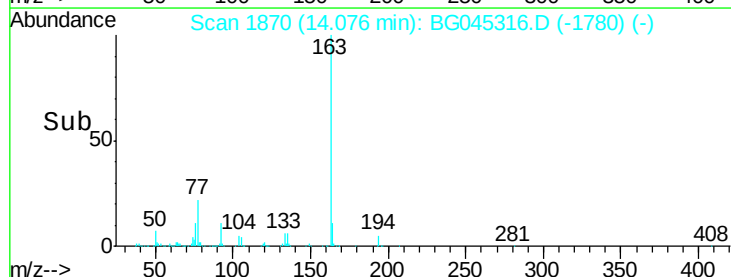
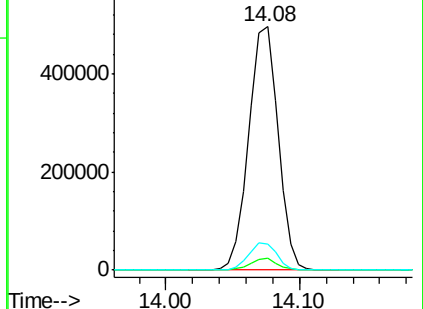
164 10.7 8.2 12.4

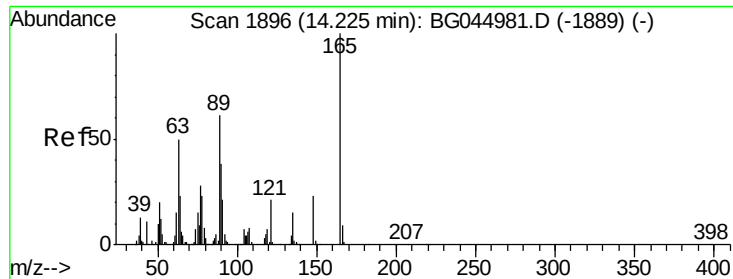


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

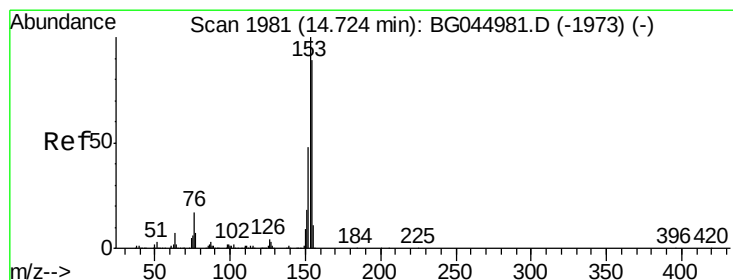
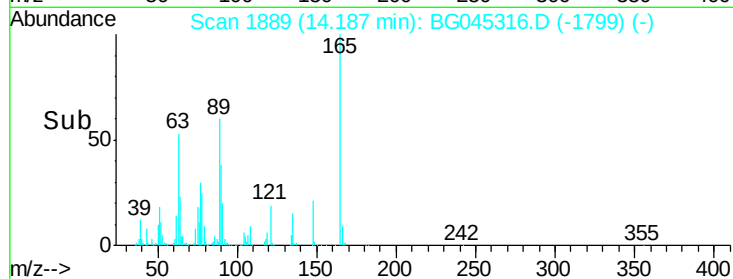
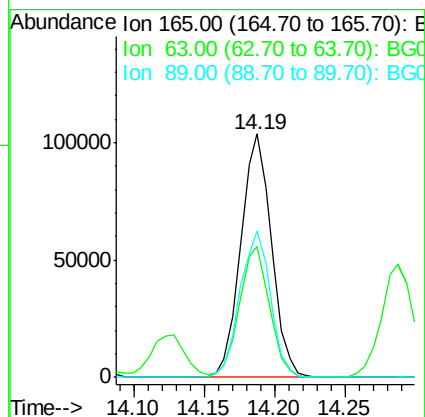
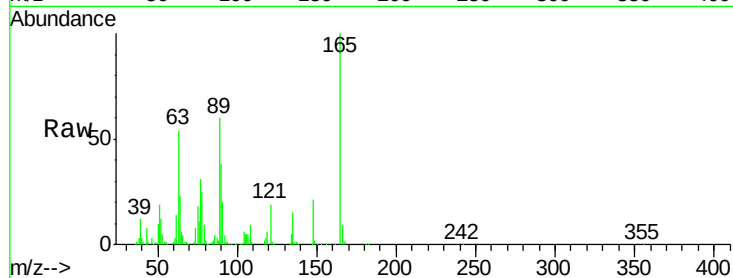




#51
 2,6-Dinitrotoluene
 Concen: 37.250 ng
 RT: 14.19 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

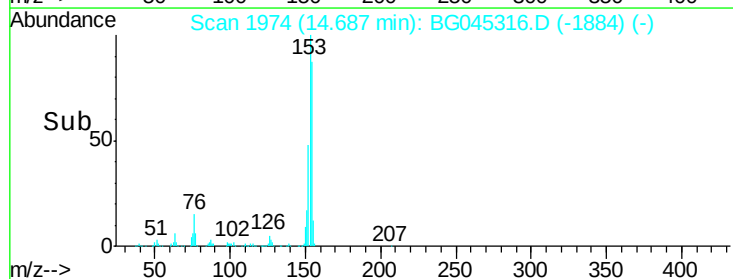
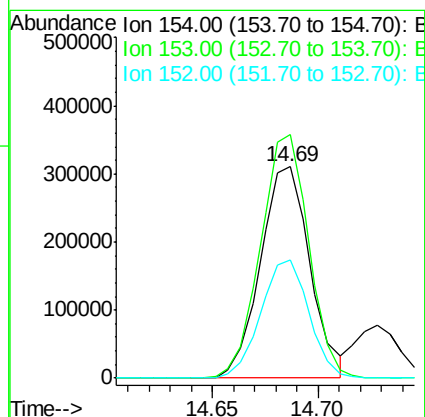
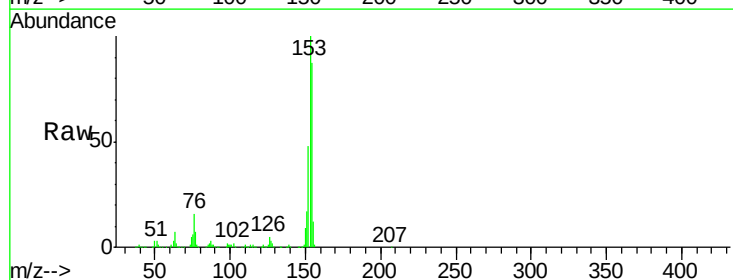
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

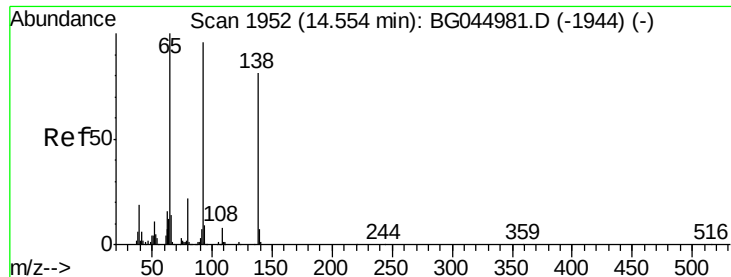
Tot Ion:165 Resp: 157327
 Ion Ratio Lower Upper
 165 100
 63 53.7 40.4 60.6
 89 60.1 49.1 73.7



#52
 Acenaphthene
 Concen: 34.190 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion:154 Resp: 507491
 Ion Ratio Lower Upper
 154 100
 153 115.1 89.7 134.5
 152 55.8 43.1 64.7





#53

3-Nitroaniline

Concen: 24.606 ng

RT: 14.52 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

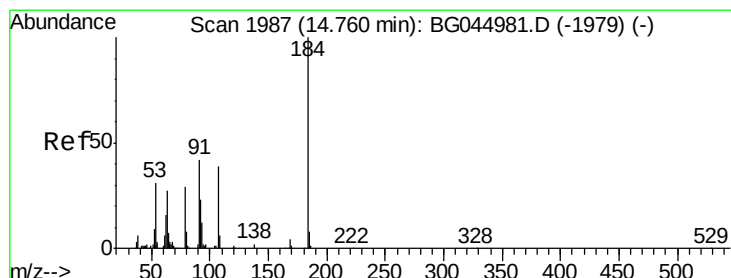
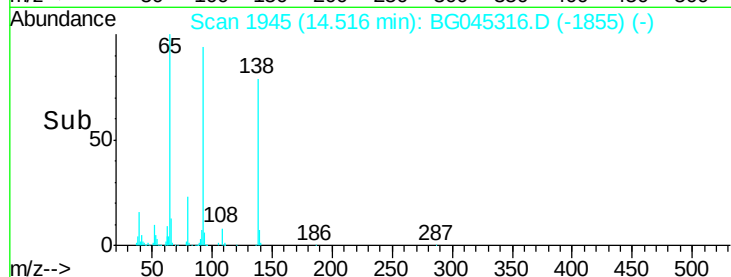
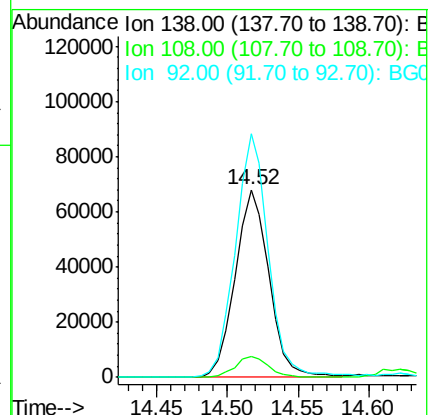
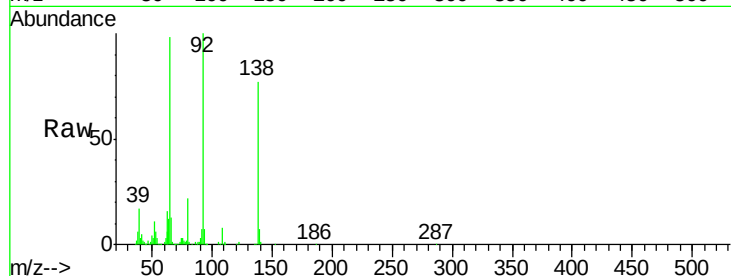
Tot Ion:138 Resp: 113984

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.8

92 129.8 94.5 141.7



#54

2,4-Dinitrophenol

Concen: 76.043 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

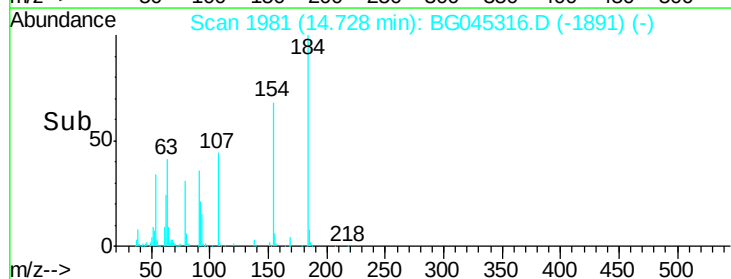
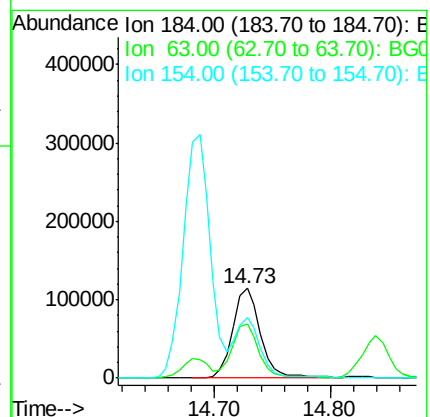
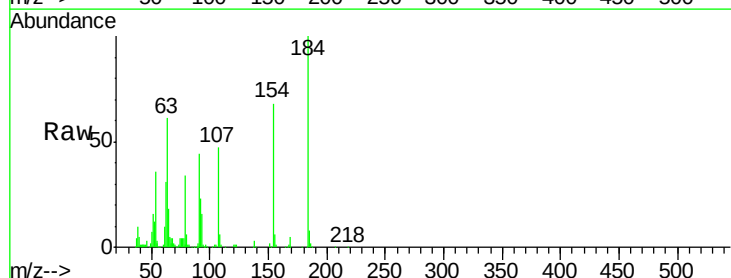
Tgt Ion:184 Resp: 190980

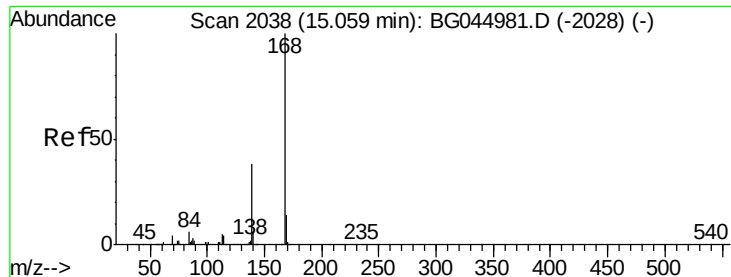
Ion Ratio Lower Upper

184 100

63 60.6 41.5 62.3

154 67.7 52.3 78.5

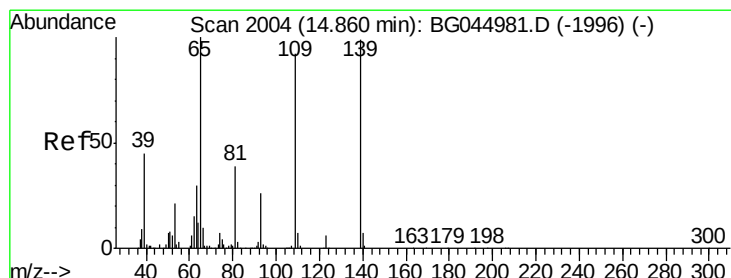
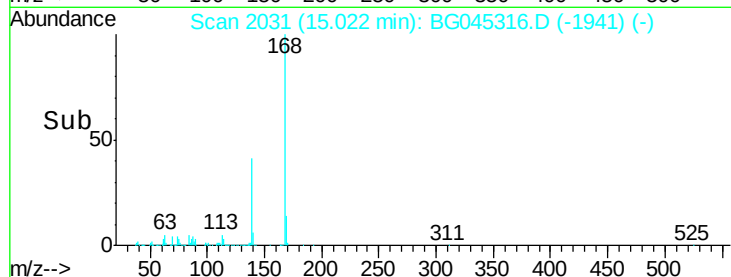
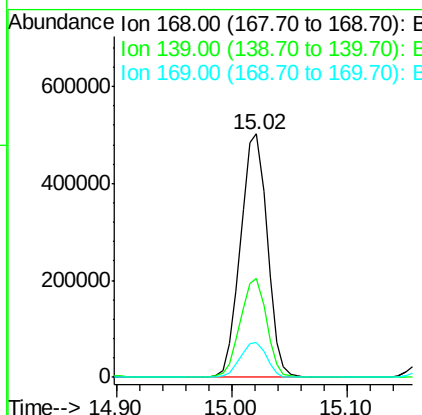
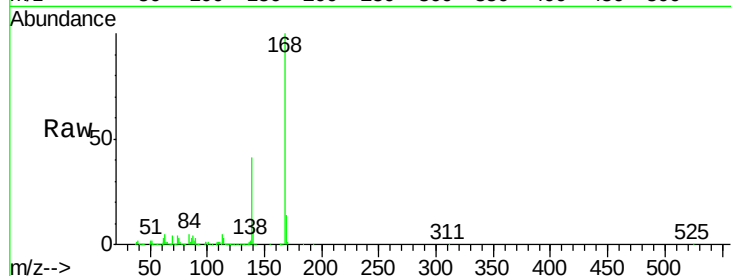




#55
Dibenzenofuran
Concen: 37.461 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

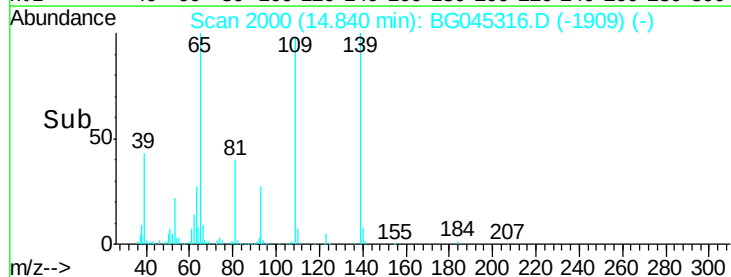
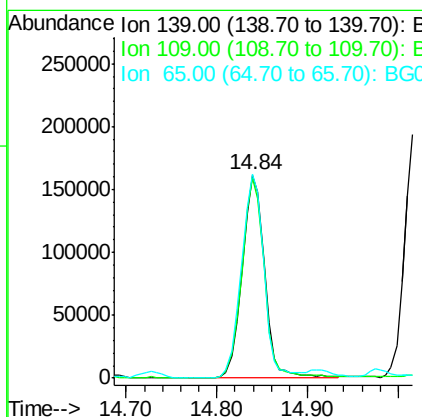
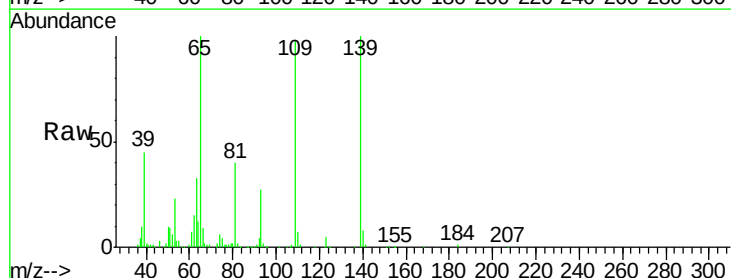
Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

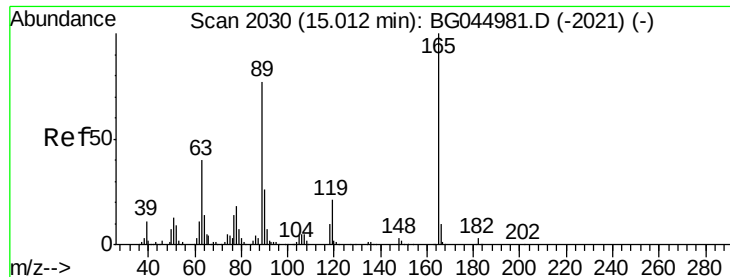
Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.4	45.6
169	14.4	11.0	16.4



#56
4-Nitrophenol
Concen: 77.101 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.4	73.6	113.6
65	100.3	81.2	121.2

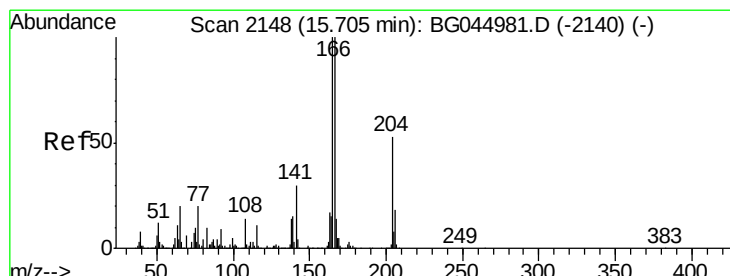
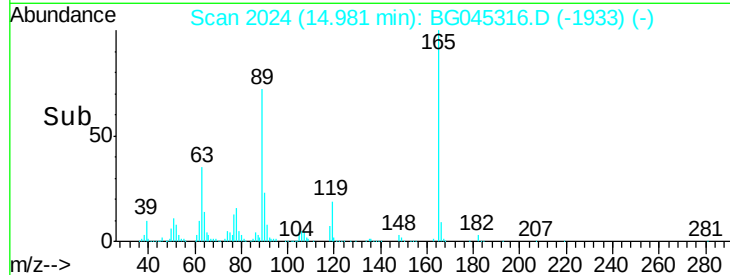
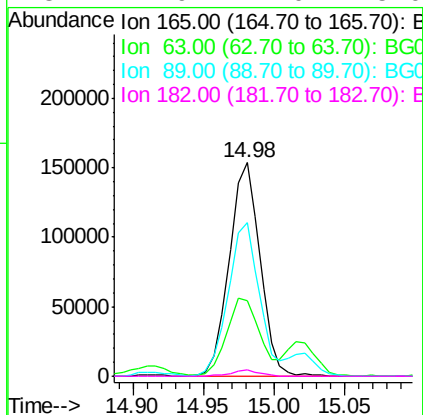
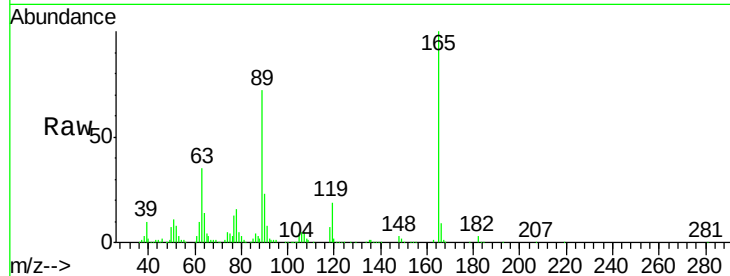




#57
 2,4-Dinitrotoluene
 Concen: 37.812 ng
 RT: 14.98 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

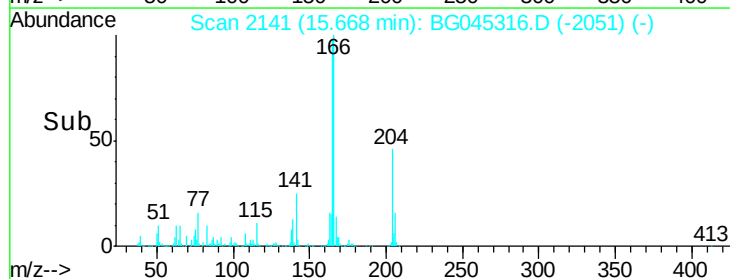
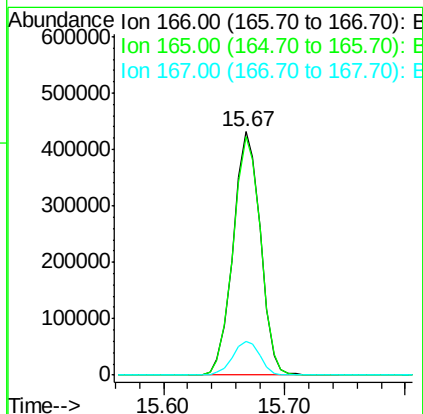
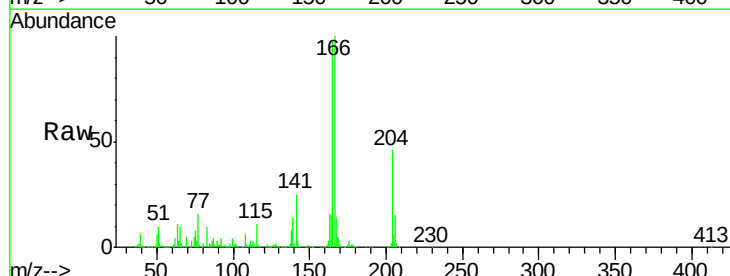
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

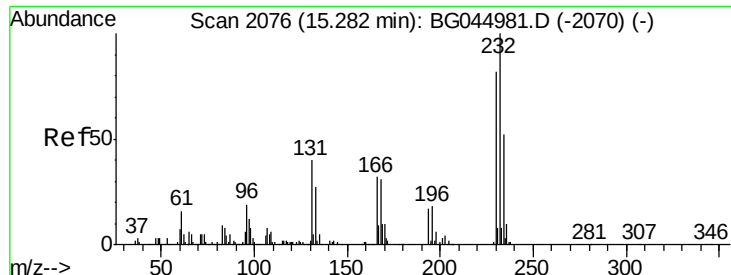
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	35.3	32.2	48.2	
89	71.9	61.7	92.5	
182	2.9	2.0	3.0	



#58
 Fluorene
 Concen: 38.327 ng
 RT: 15.67 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.2	79.9	119.9	
167	13.6	11.4	17.0	

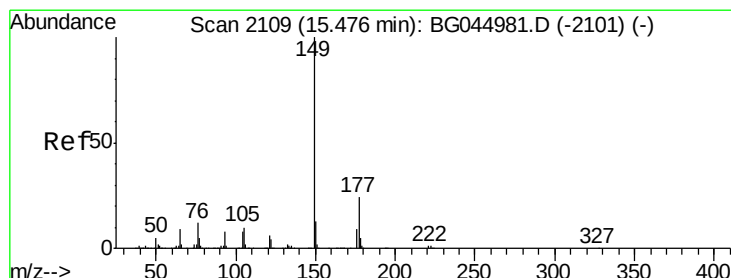
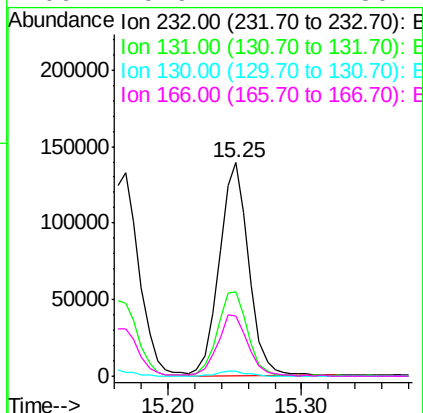
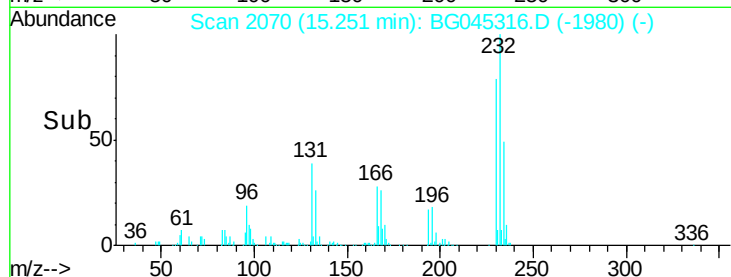
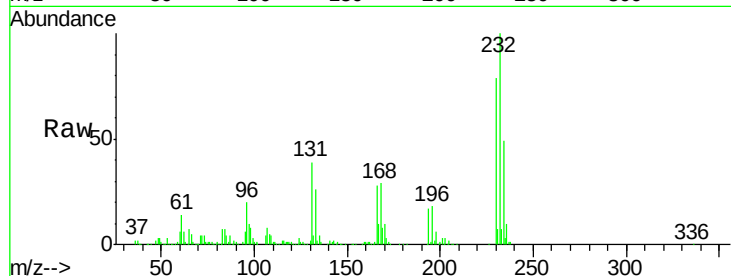




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.237 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

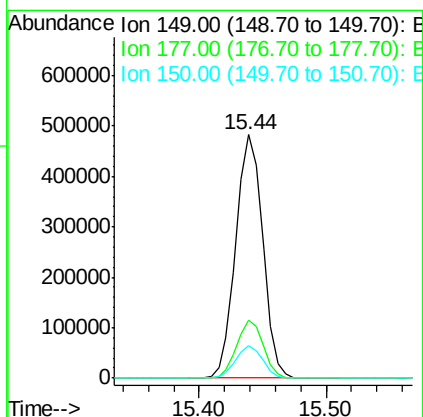
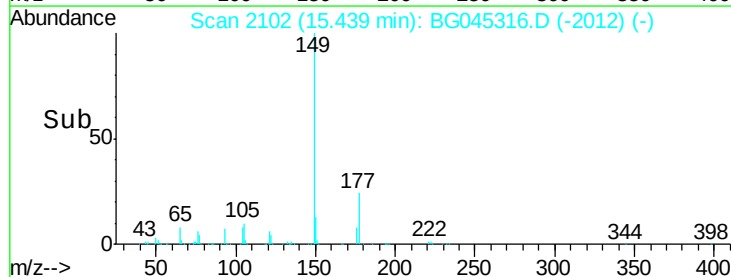
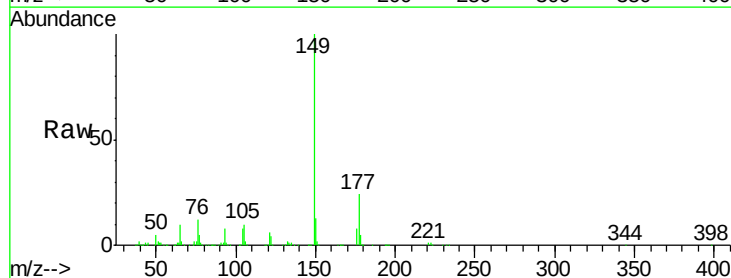
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

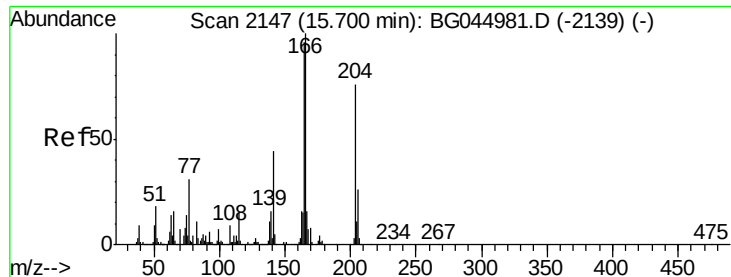
Tot Ion:232	Resp:	214755
Ion Ratio	Lower	Upper
232	100	
131	40.6	32.2 48.2
130	2.4	2.2 3.2
166	29.9	24.2 36.4



#60
 Diethylphthalate
 Concen: 35.989 ng
 RT: 15.44 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion:149	Resp:	708533
Ion Ratio	Lower	Upper
149	100	
177	23.9	18.9 28.3
150	13.3	10.6 15.8

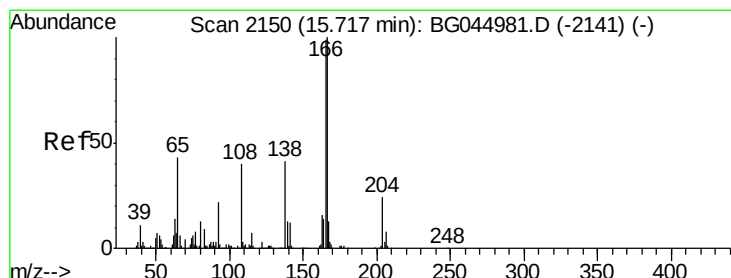
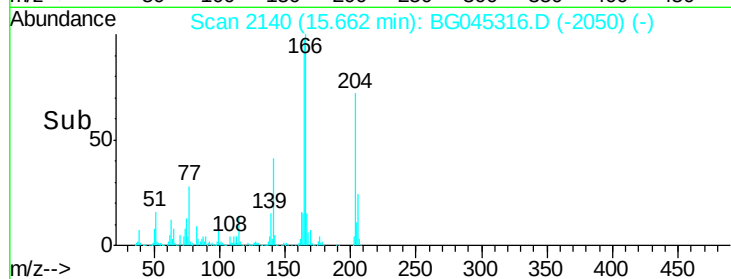
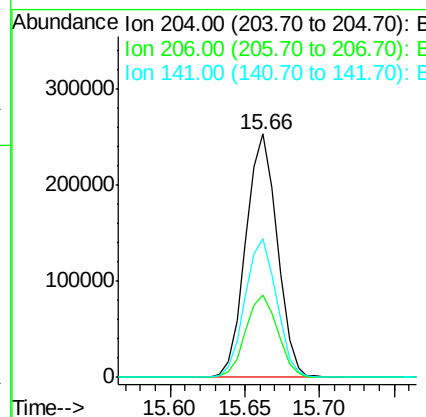
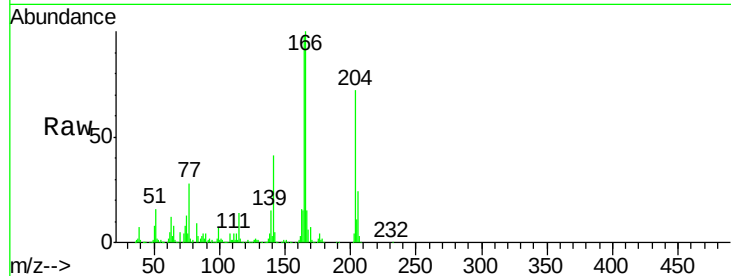




#61
 4-Chlorophenyl-phenylether
 Concen: 36.352 ng
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

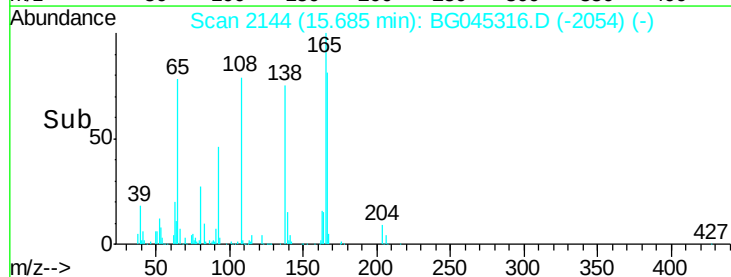
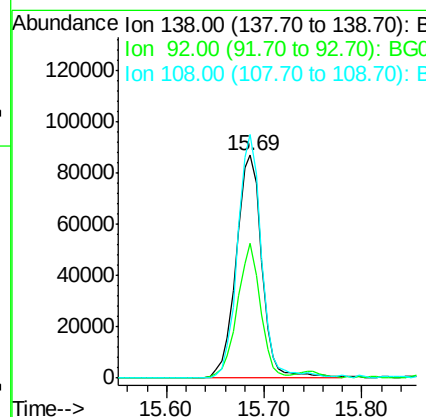
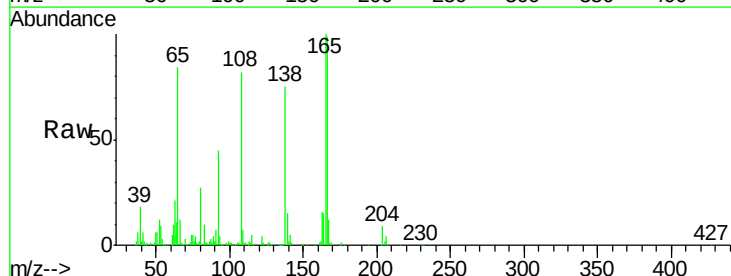
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

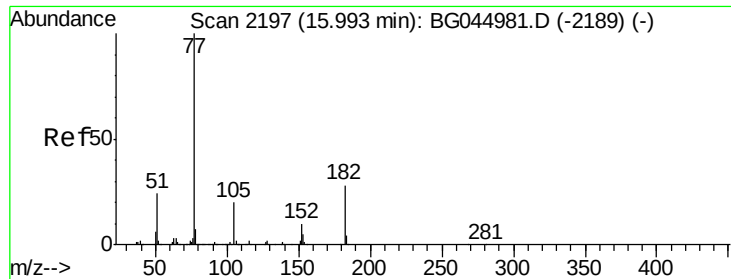
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.9	40.3
141	57.2	46.3	69.5



#62
 4-Nitroaniline
 Concen: 33.260 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	60.6	33.6	73.6
108	109.4	78.2	118.2





#63

Azobenzene

Concen: 37.635 ng

RT: 15.96 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

Tot Ion: 77 Resp: 683109

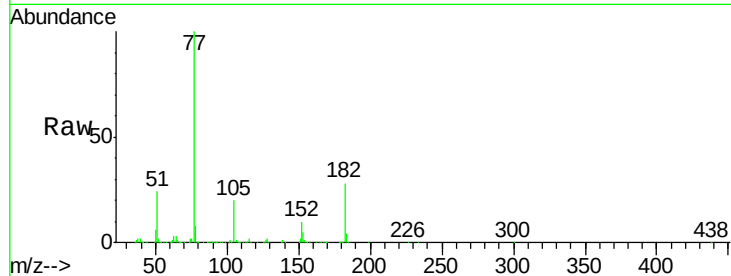
Ion Ratio Lower Upper

77 100

182 28.0 8.4 48.4

105 19.6 0.5 40.5

51 24.0 4.4 44.4

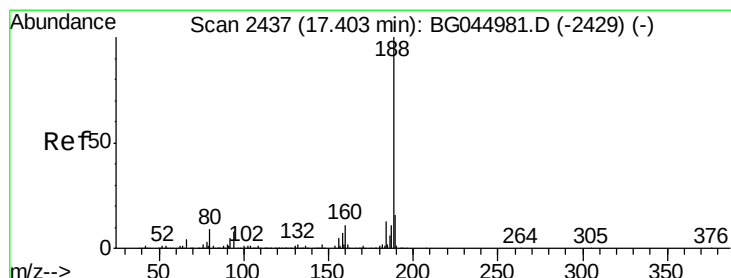
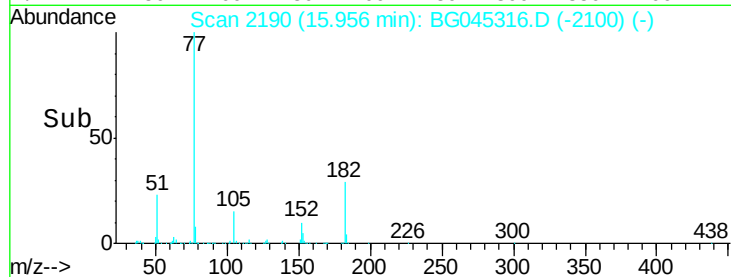
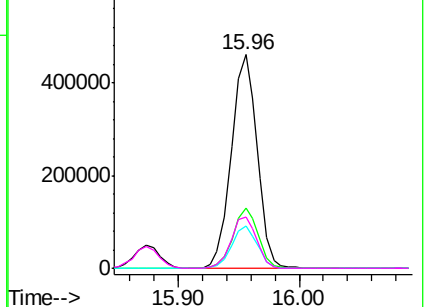


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

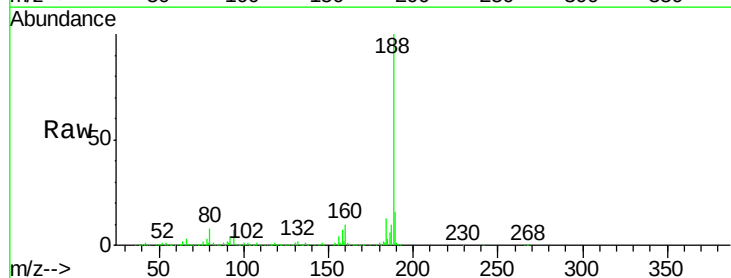
Tgt Ion: 188 Resp: 562111

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

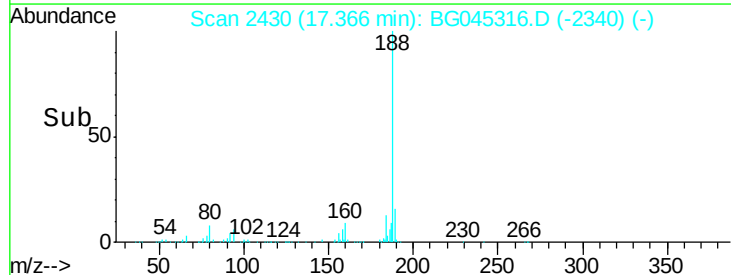
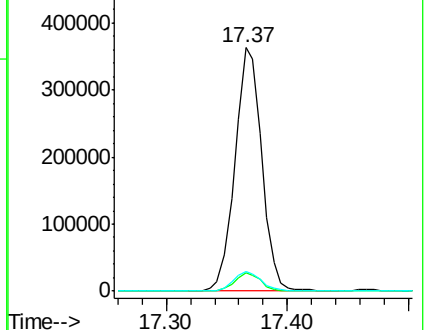
80 8.2 7.0 10.6

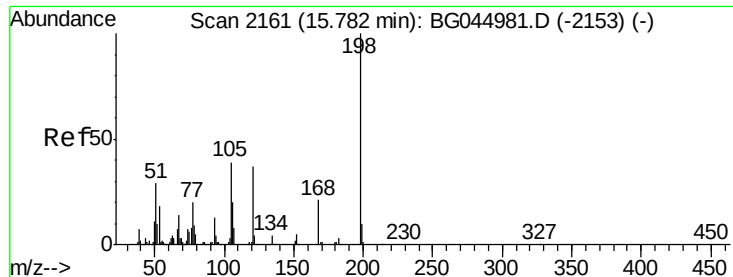


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

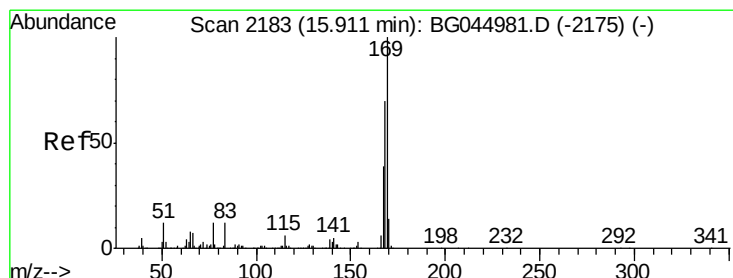
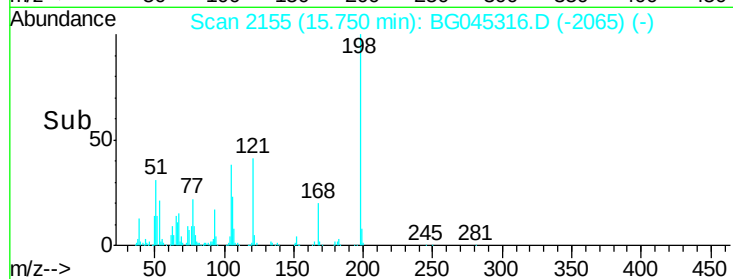
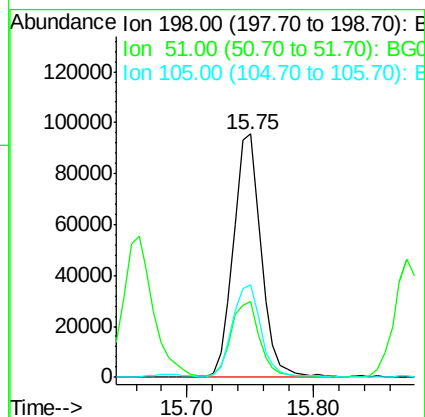
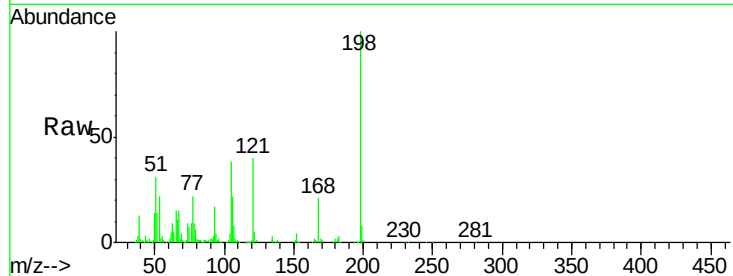




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.973 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

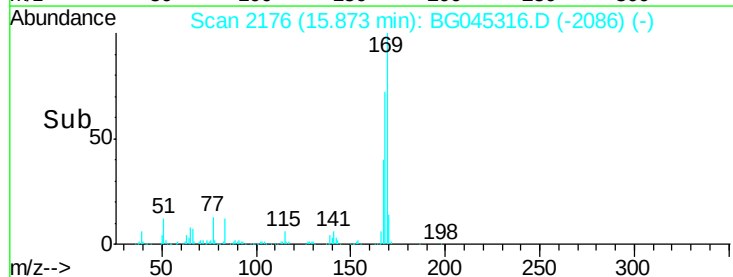
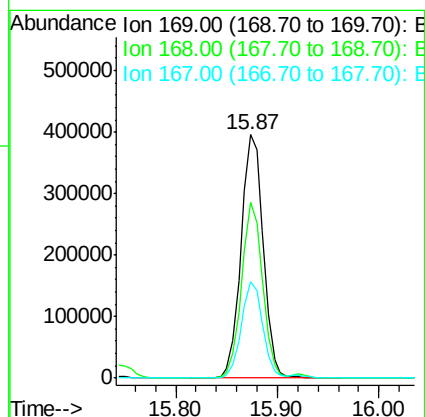
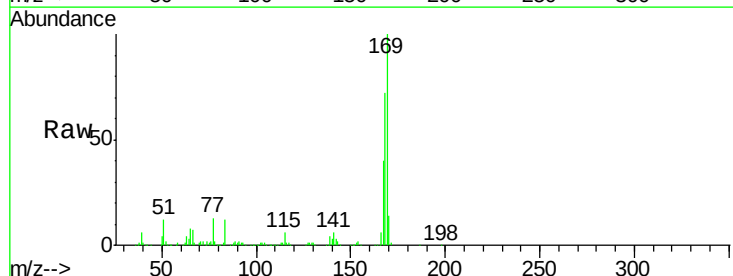
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

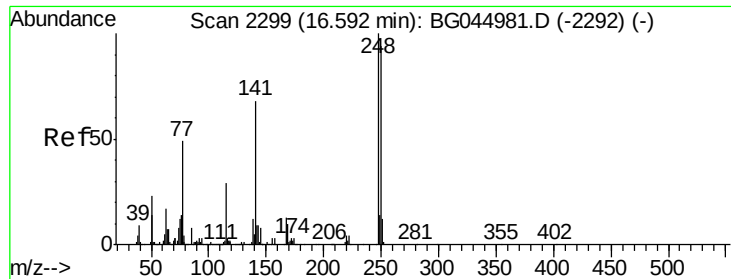
Tot Ion	Ratio	Lower	Upper
198	100		
51	31.1	10.0	50.0
105	38.0	18.9	58.9



#66
 n-Nitrosodiphenylamine
 Concen: 37.170 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.3	55.8	83.8
167	39.7	30.8	46.2

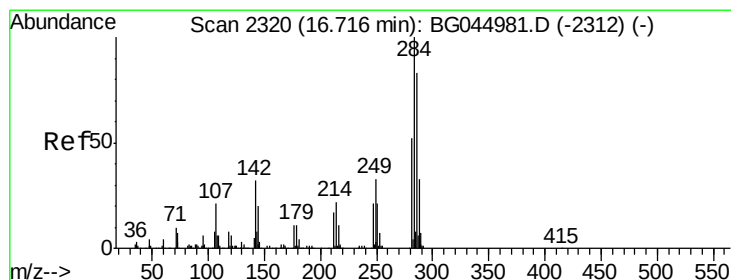
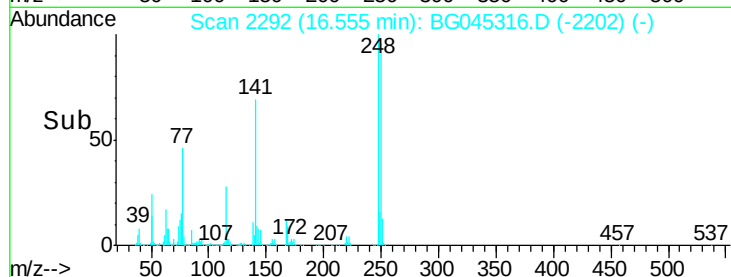
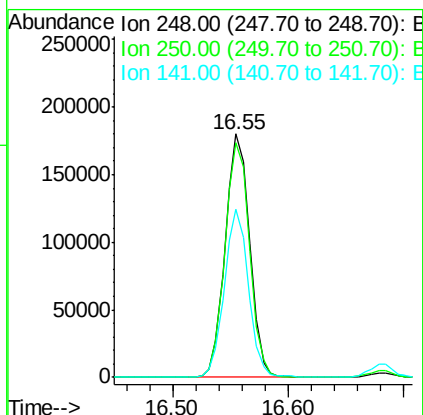
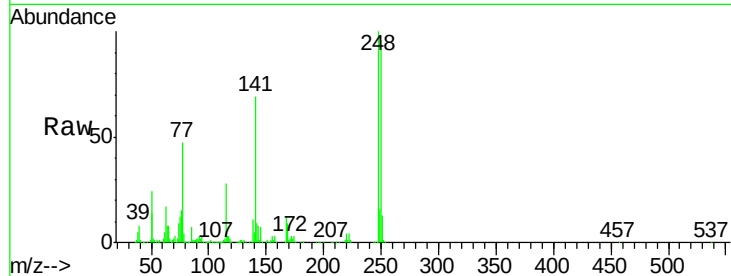




#67
4-Bromophenyl-phenylether
Concen: 36.498 ng
RT: 16.55 min Scan# 2292
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

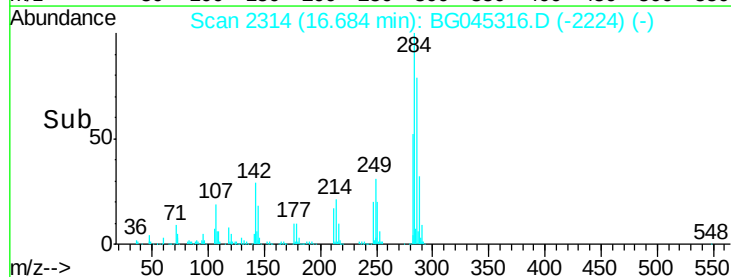
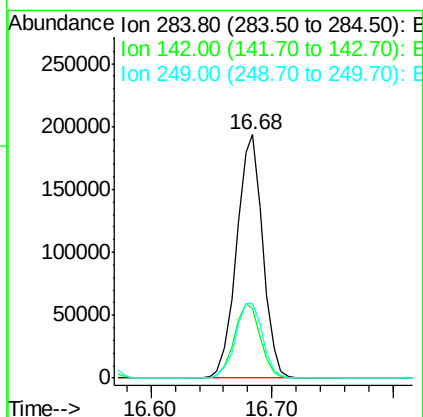
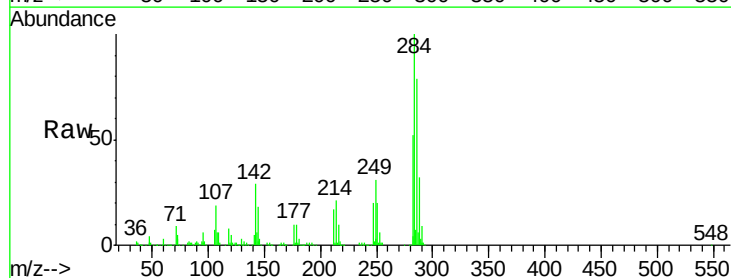
Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

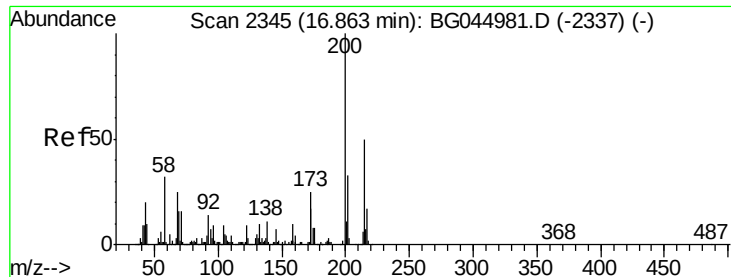
Tot Ion:248 Resp: 264672
Ion Ratio Lower Upper
248 100
250 96.4 75.4 113.2
141 68.9 54.4 81.6



#68
Hexachlorobenzene
Concen: 38.582 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion:284 Resp: 290170
Ion Ratio Lower Upper
284 100
142 28.8 25.8 38.6
249 30.9 26.6 39.8





#69

Atrazine

Concen: 39.585 ng

RT: 16.83 min Scan# 2338

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

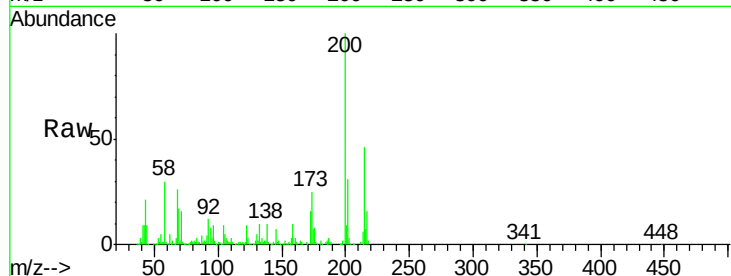
Tot Ion:200 Resp: 236572

Ion Ratio Lower Upper

200 100

173 25.1 4.5 44.5

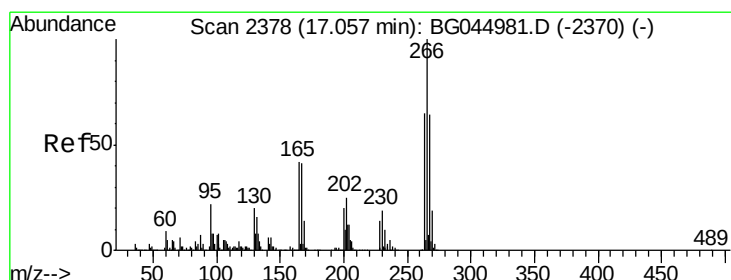
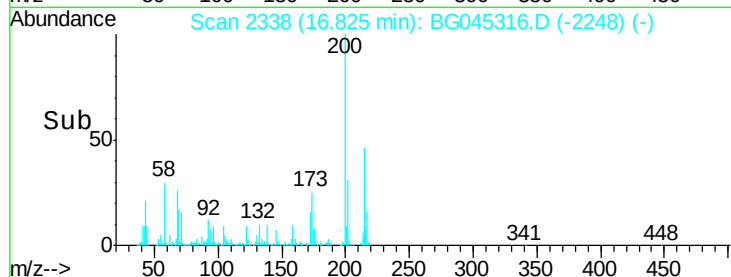
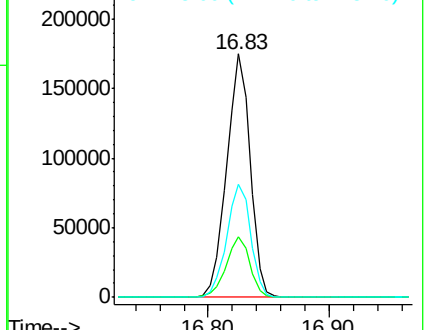
215 46.5 30.0 70.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 74.806 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

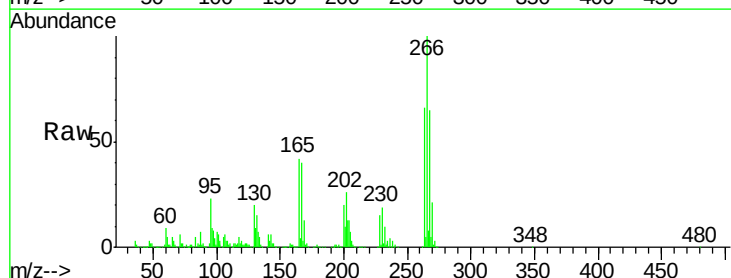
Tgt Ion:266 Resp: 345137

Ion Ratio Lower Upper

266 100

268 64.6 51.5 77.3

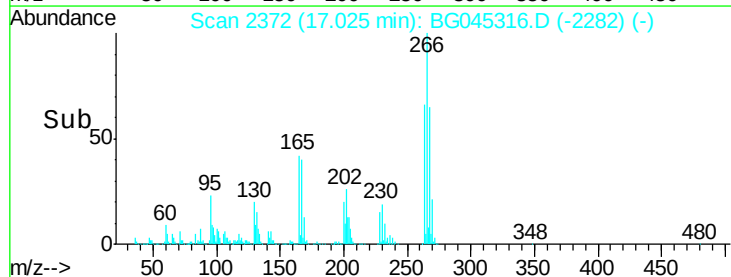
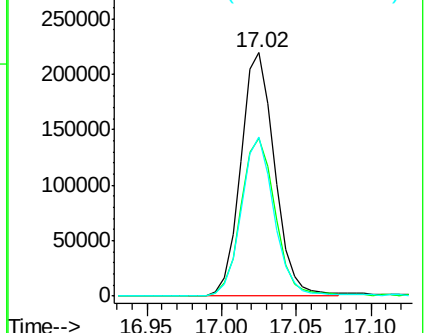
264 65.5 52.2 78.4

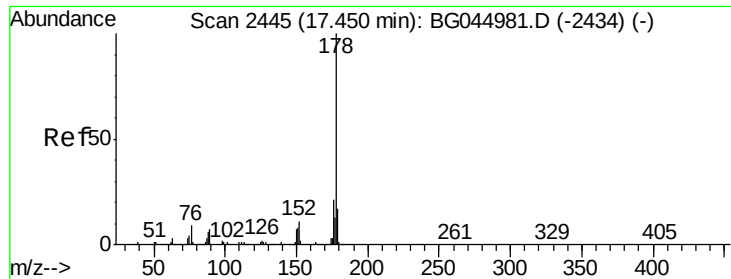


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

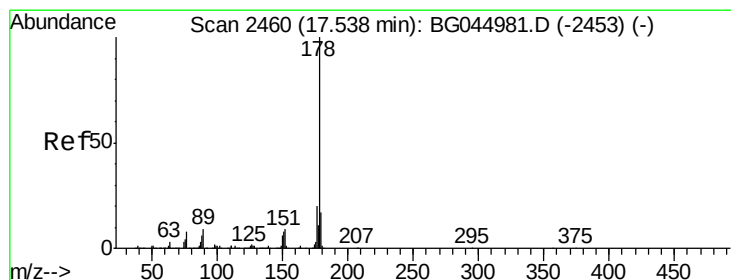
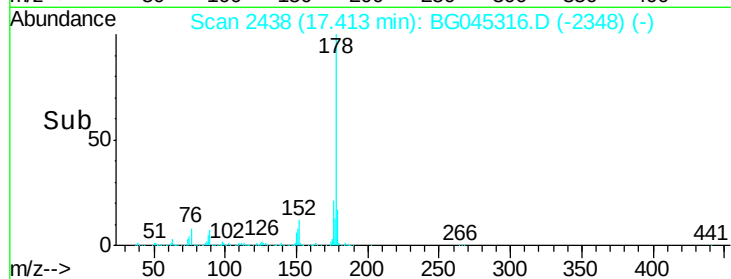
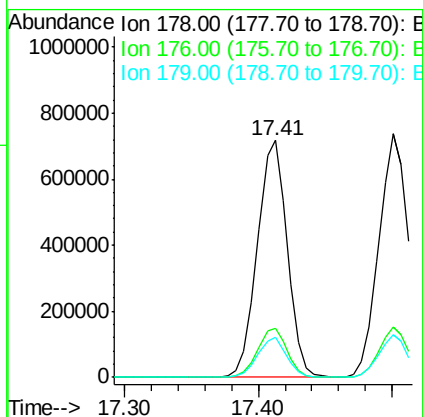
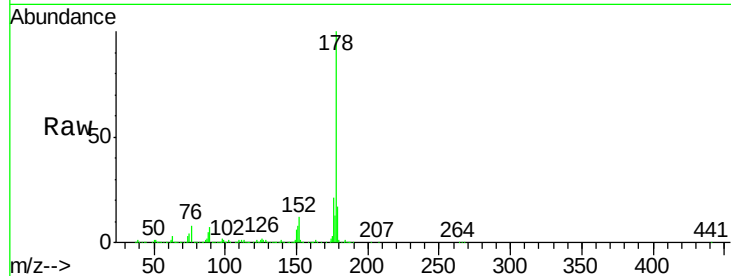




#71
Phenanthrene
Concen: 38.296 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

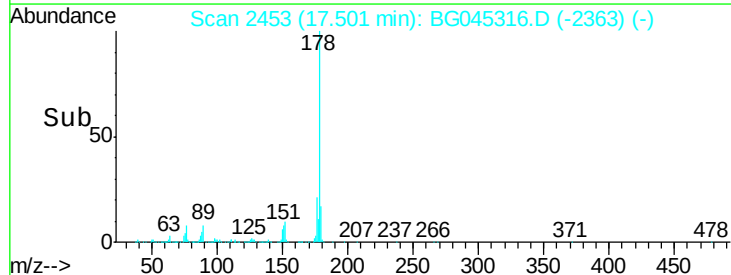
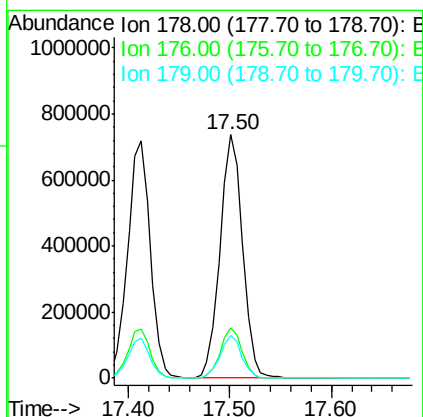
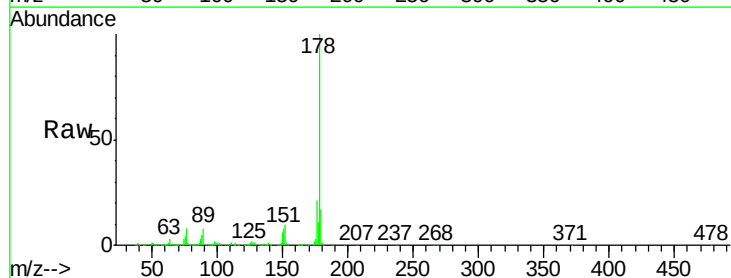
Instrument :
BNA_G
ClientSampleId :
TP-12AMSD

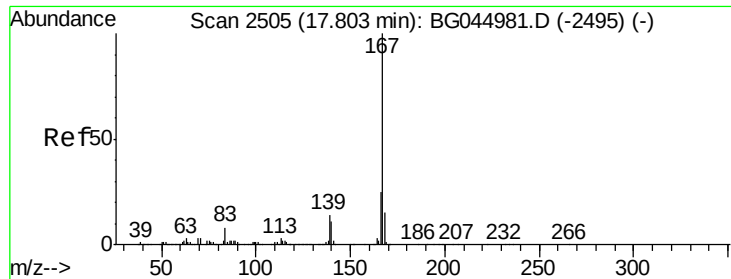
Tot Ion:178 Resp: 1106190
Ion Ratio Lower Upper
178 100
176 20.8 16.8 25.2
179 17.0 13.2 19.8



#72
Anthracene
Concen: 39.214 ng
RT: 17.50 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BG045316.D
Acq: 12 May 2020 5:23

Tgt Ion:178 Resp: 1136239
Ion Ratio Lower Upper
178 100
176 20.8 16.0 24.0
179 17.5 13.6 20.4



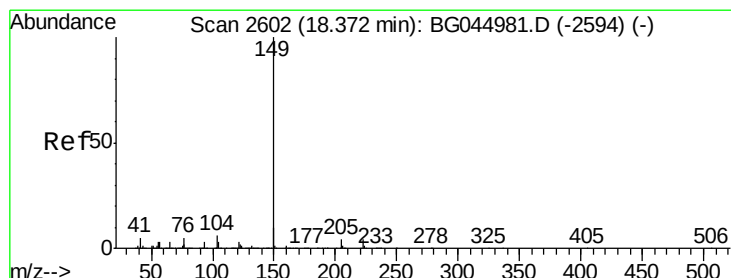
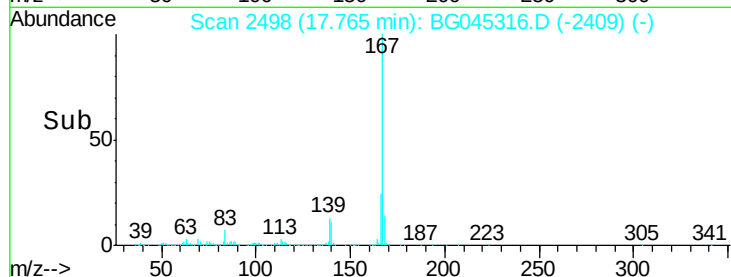
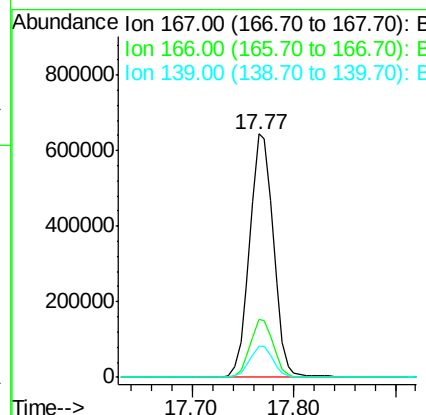
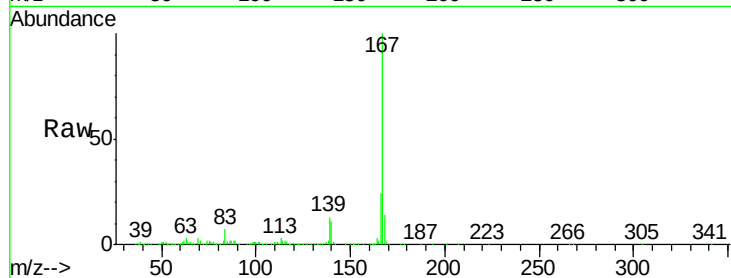


#73
 Carbazole
 Concen: 35.841 ng
 RT: 17.77 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

Tot Ion:167 Resp: 1053876

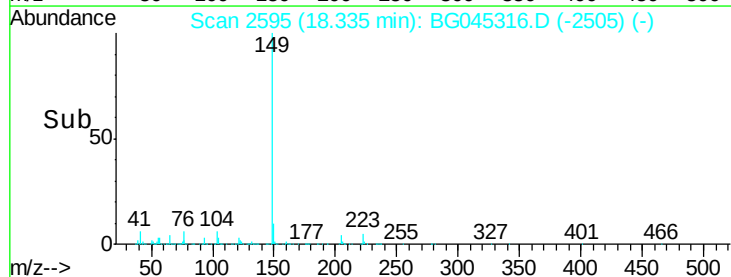
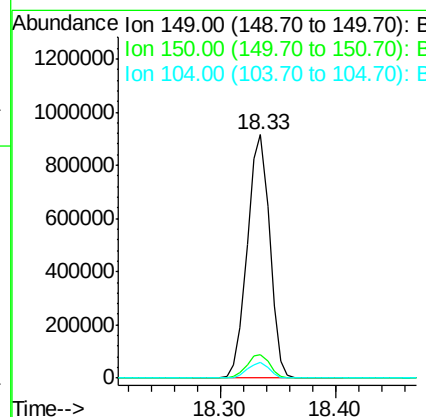
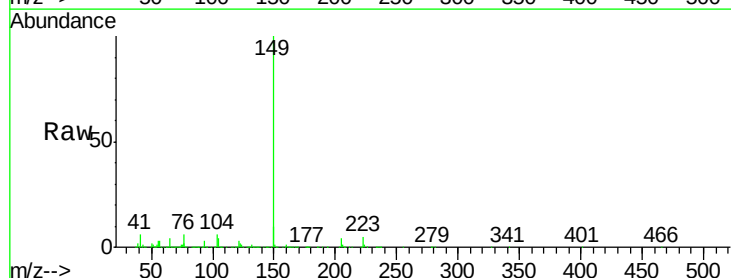
Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.8	29.6
139	13.0	10.9	16.3

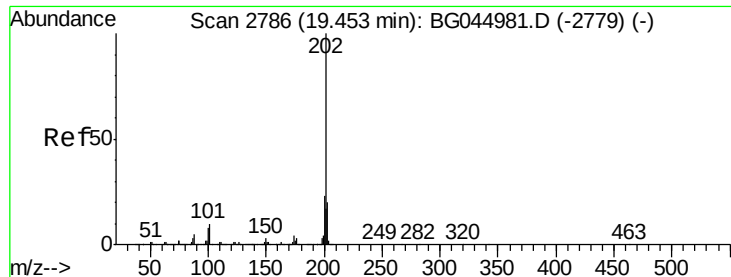


#74
 Di-n-butylphthalate
 Concen: 37.441 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion:149 Resp: 1231034

Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	6.3	4.8	7.2



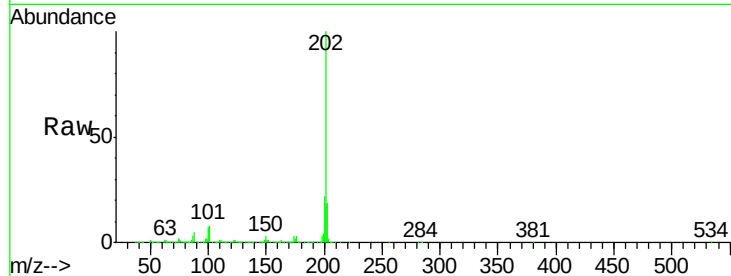


#75
 Fluoranthene
 Concen: 39.369 ng
 RT: 19.42 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

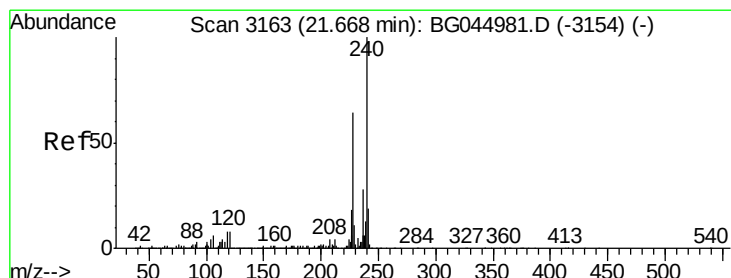
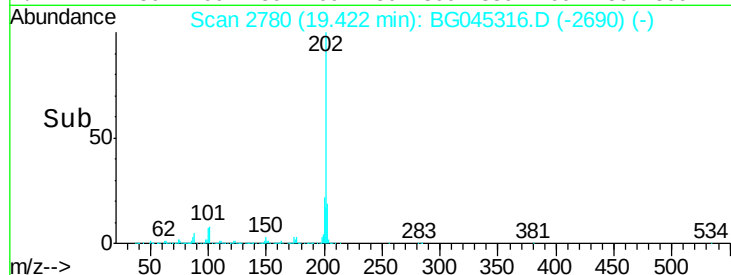
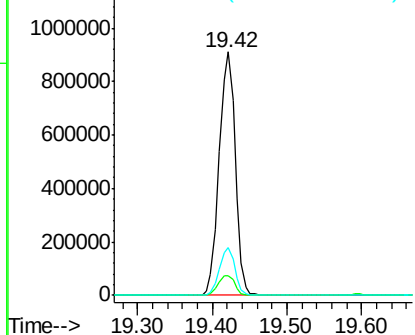
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

Tot Ion:202 Resp: 1362837

Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	29.6
203	19.4	0.0	39.7



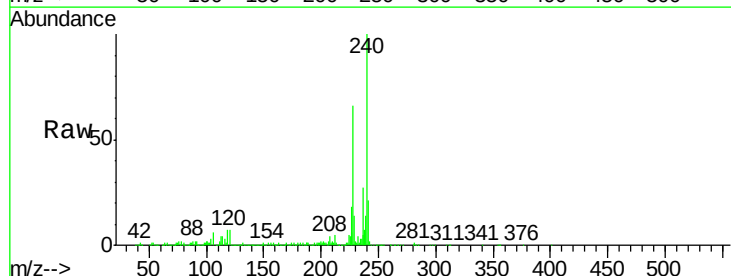
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



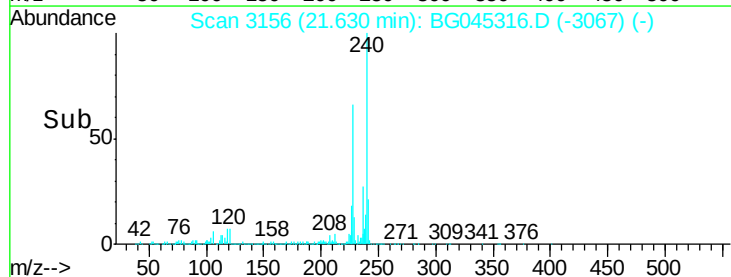
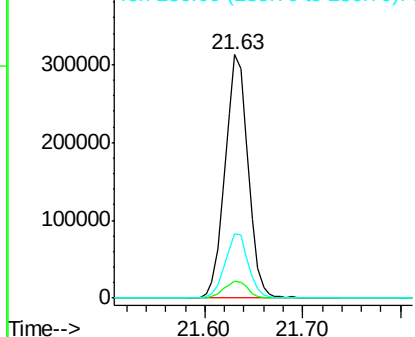
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

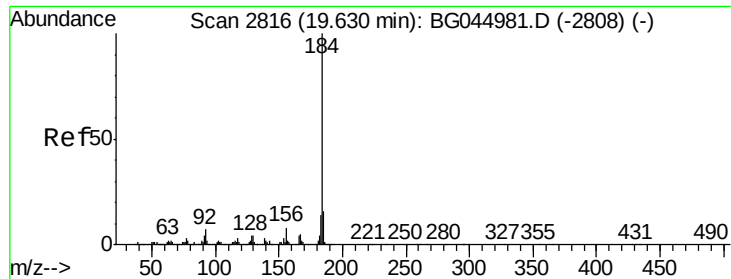
Tgt Ion:240 Resp: 511832

Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	26.6	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.157 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

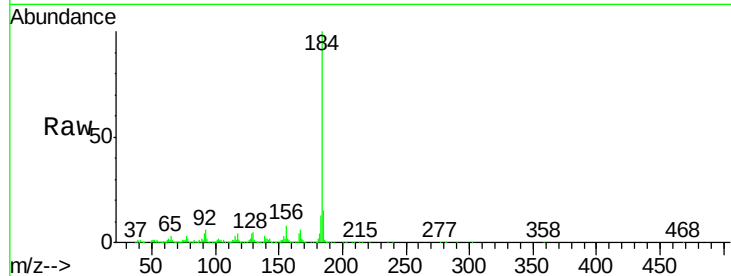
BNA_G

ClientSampleId :

TP-12AMSD

Tot Ion:184 Resp: 887803

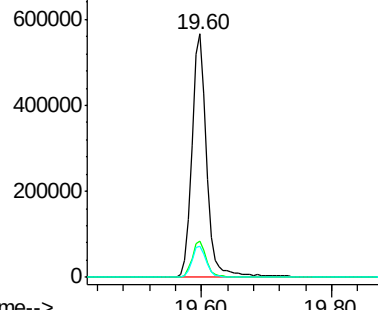
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	13.0	11.3	16.9



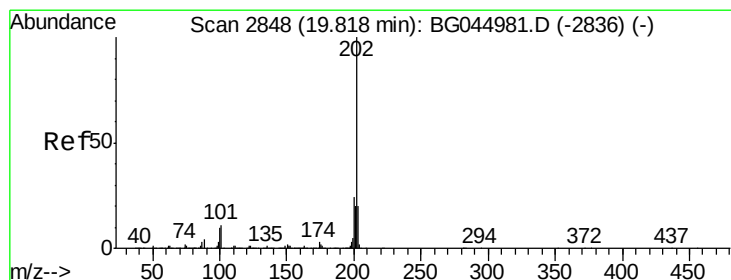
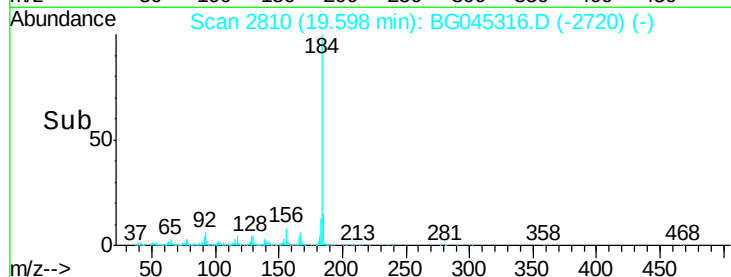
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 38.486 ng

RT: 19.78 min Scan# 2841

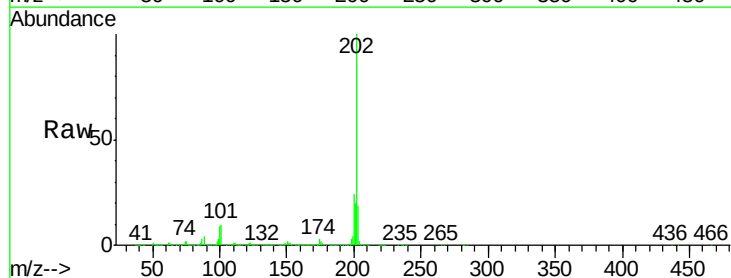
Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Tgt Ion:202 Resp: 1358019

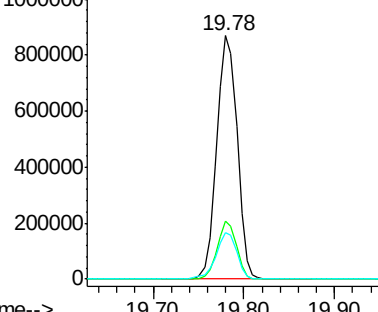
Ion	Ratio	Lower	Upper
202	100		
200	23.7	19.0	28.6
203	19.3	16.1	24.1



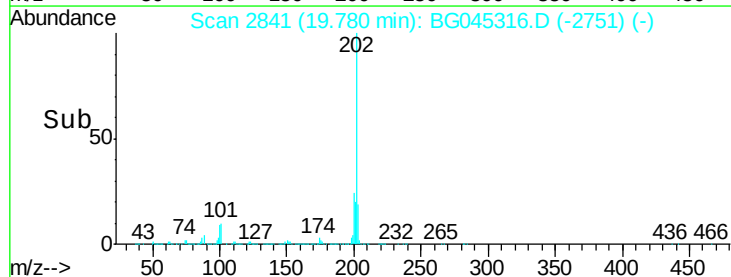
Abundance Ion 202.00 (201.70 to 202.70): E

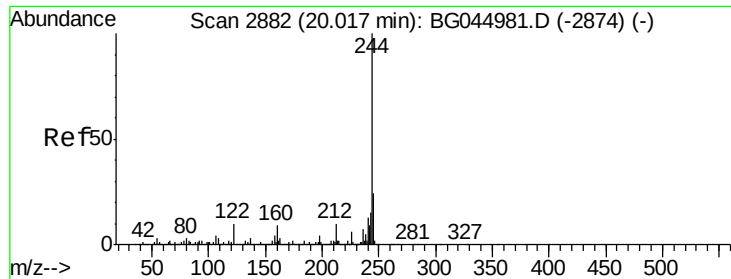
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 59.020 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

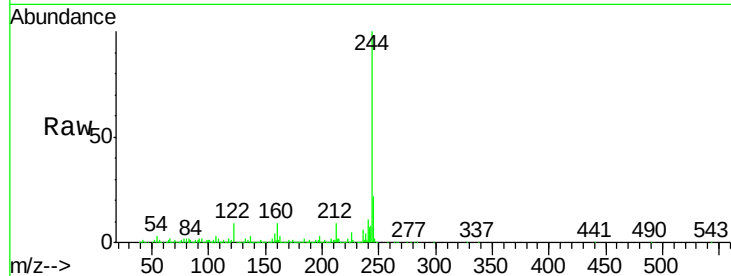
Tot Ion:244 Resp: 1385972

Ion Ratio Lower Upper

244 100

212 8.6 7.9 11.9

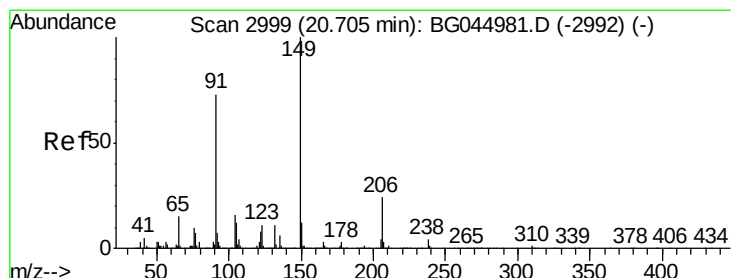
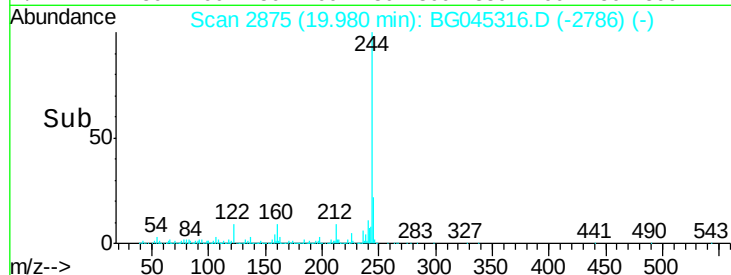
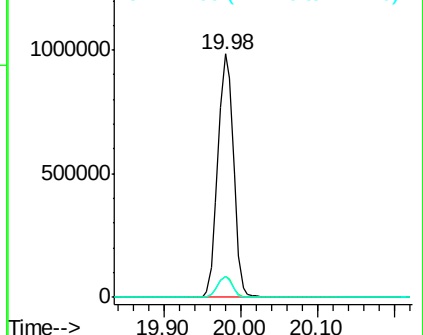
122 8.8 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.107 ng

RT: 20.67 min Scan# 2993

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

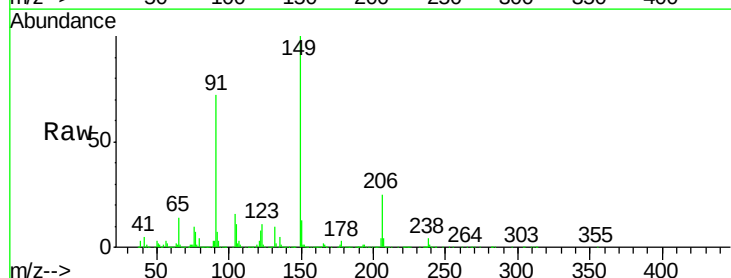
Tgt Ion:149 Resp: 557364

Ion Ratio Lower Upper

149 100

91 71.5 58.5 87.7

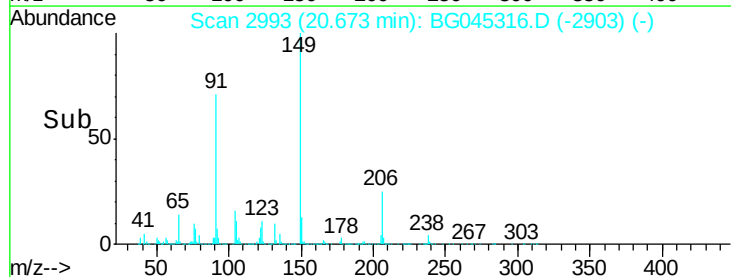
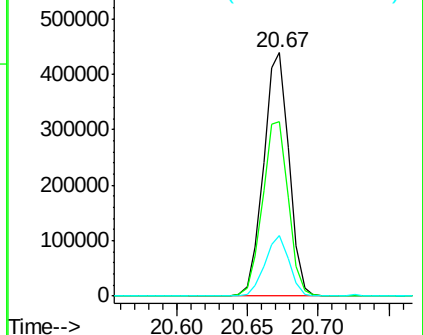
206 24.9 19.2 28.8

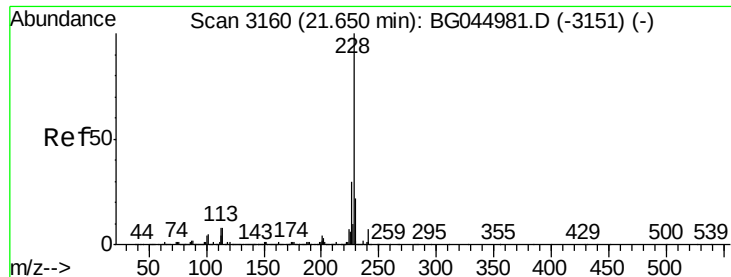


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.889 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

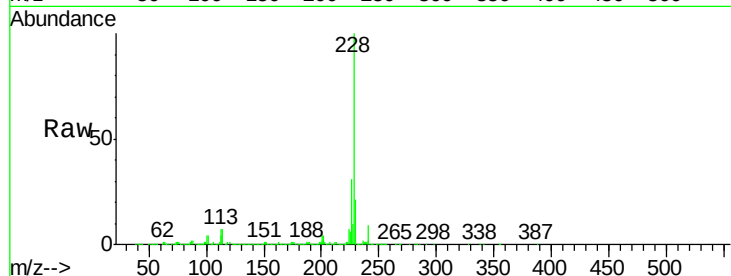
Tot Ion:228 Resp: 1290101

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

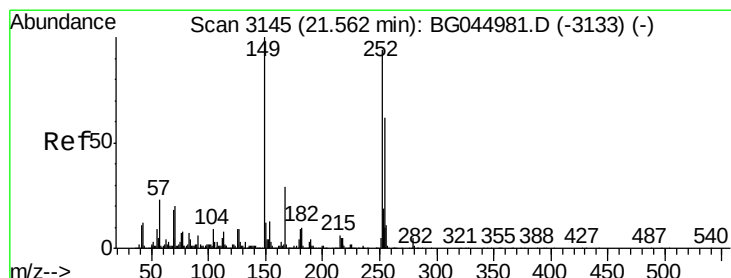
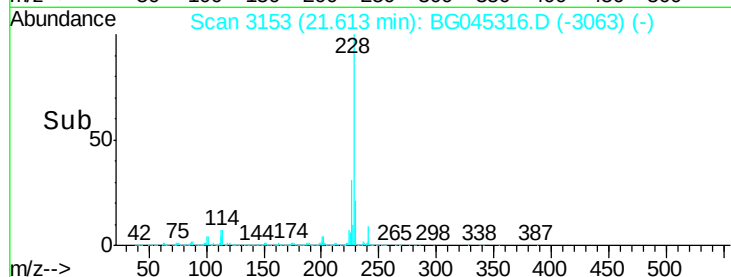
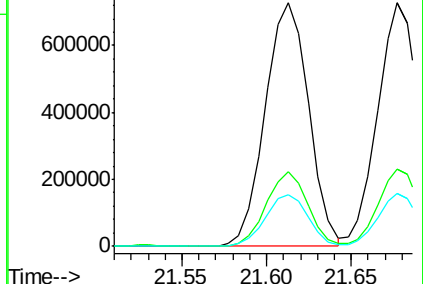
229 21.4 17.5 26.3



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: 24.503 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

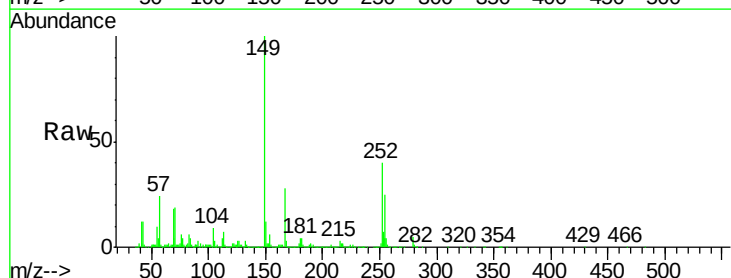
Tgt Ion:252 Resp: 323537

Ion Ratio Lower Upper

252 100

254 62.1 52.6 79.0

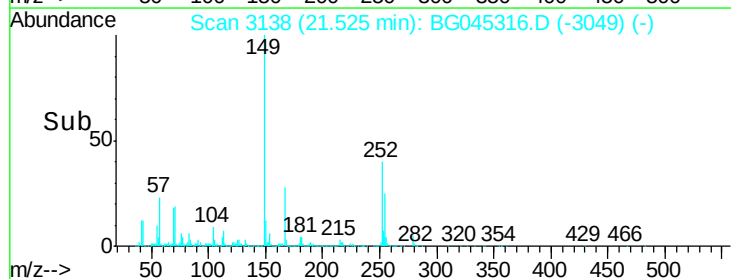
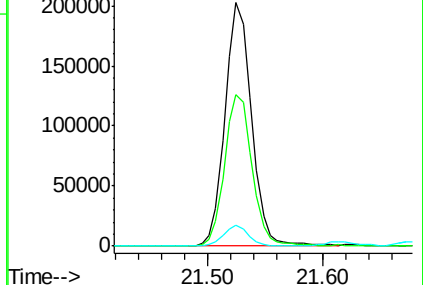
126 8.4 7.5 11.3

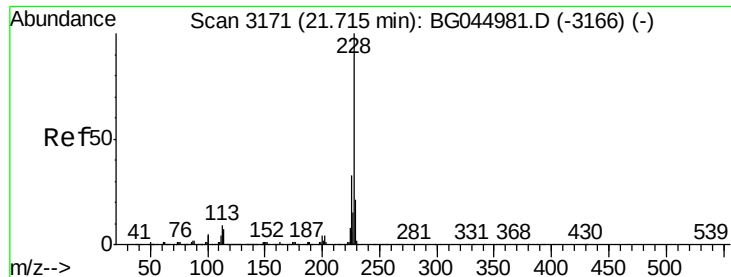


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.981 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

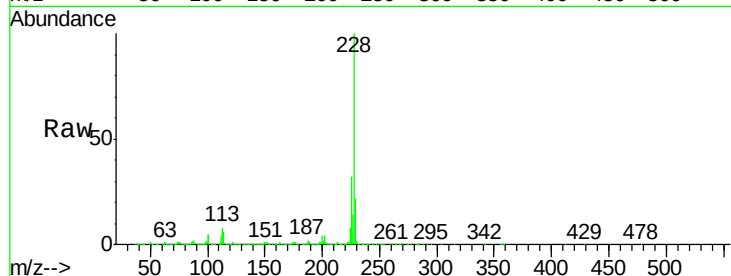
BNA_G

ClientSampleId :

TP-12AMSD

Tot Ion:228 Resp: 1242482

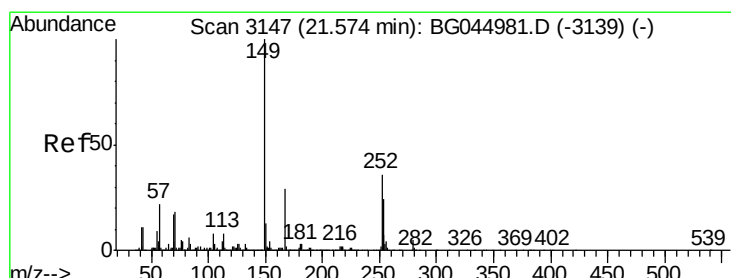
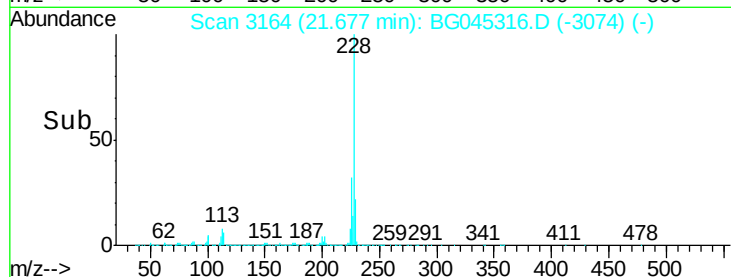
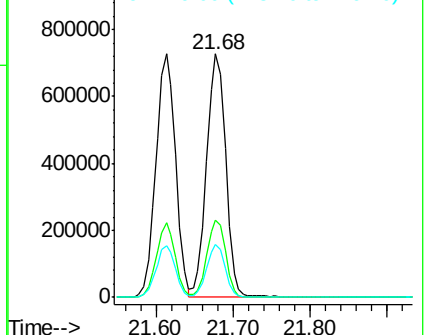
Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.2	39.4
229	21.6	17.0	25.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.619 ng

RT: 21.53 min Scan# 3139

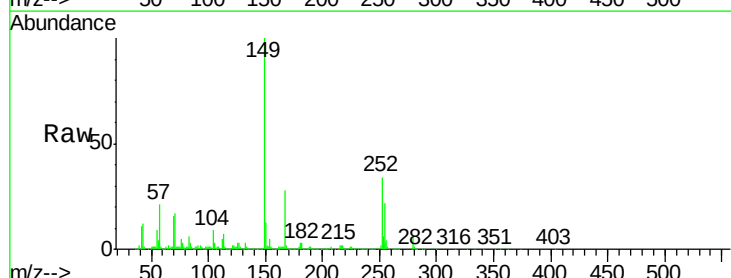
Delta R.T. -0.00 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Tgt Ion:149 Resp: 776879

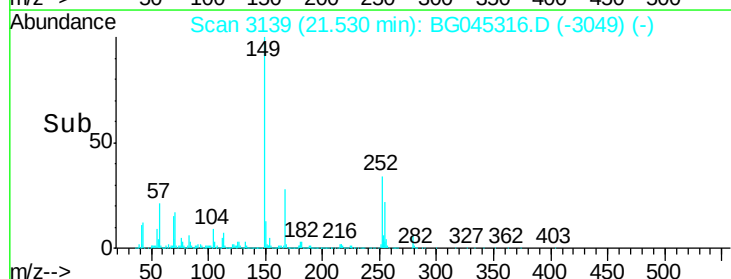
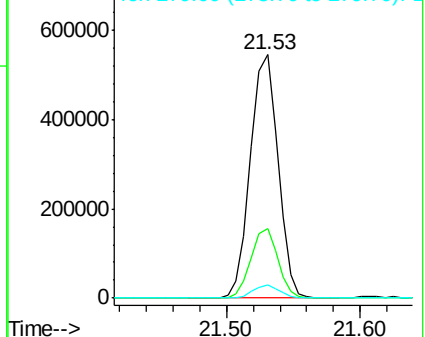
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.6	4.3	6.5

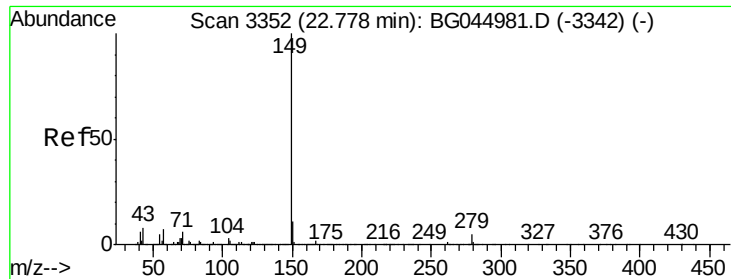


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

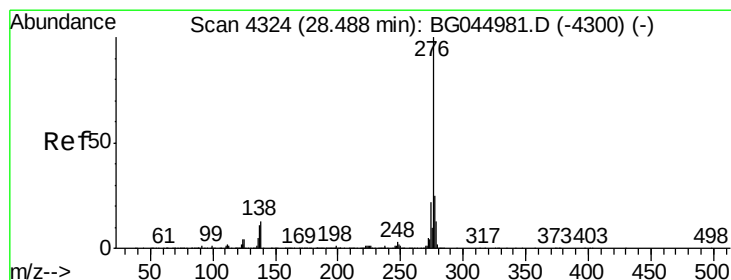
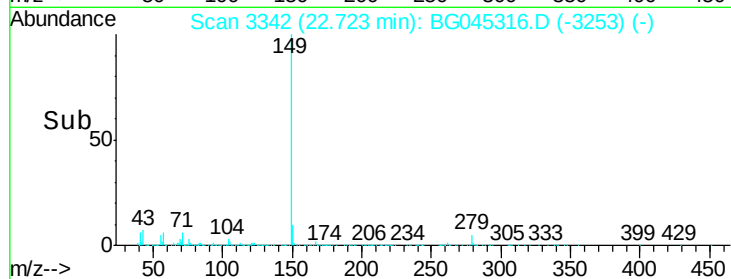
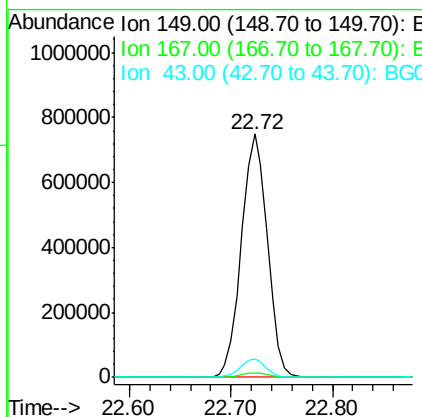
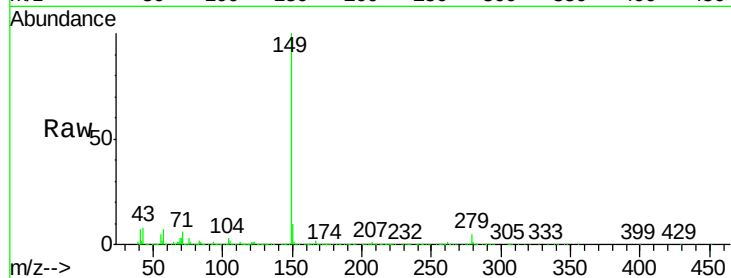




#85
 Di-n-octyl phthalate
 Concen: 38.134 ng
 RT: 22.72 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

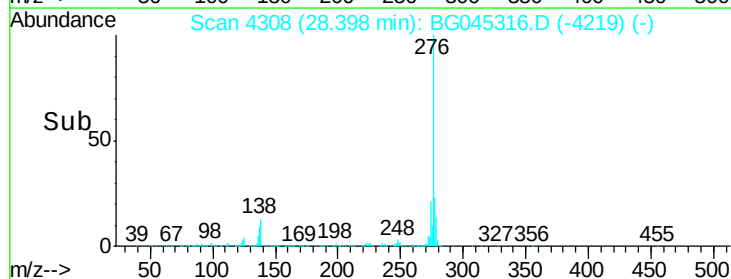
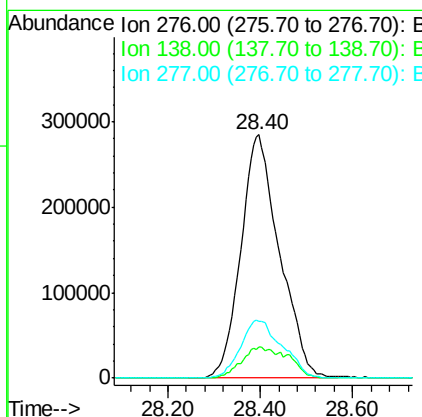
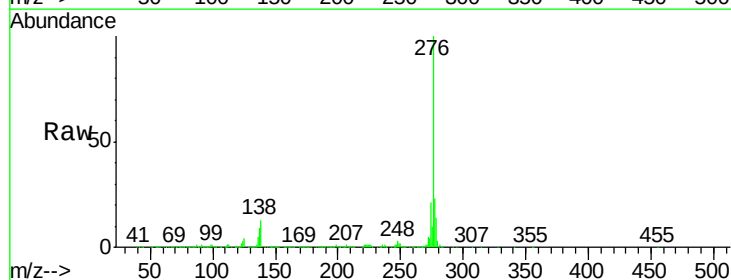
Instrument :
 BNA_G
 ClientSampleId :
 TP-12AMSD

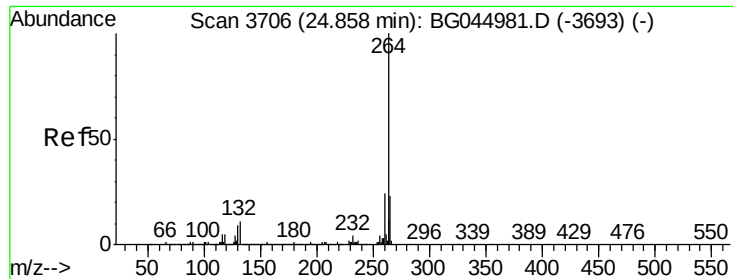
Tot Ion:149 Resp: 1326532
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 7.3 5.7 8.5



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 39.125 ng
 RT: 28.40 min Scan# 4308
 Delta R.T. -0.01 min
 Lab File: BG045316.D
 Acq: 12 May 2020 5:23

Tgt Ion:276 Resp: 1655705
 Ion Ratio Lower Upper
 276 100
 138 10.4 9.6 14.4
 277 25.8 20.6 31.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampled :

TP-12AMSD

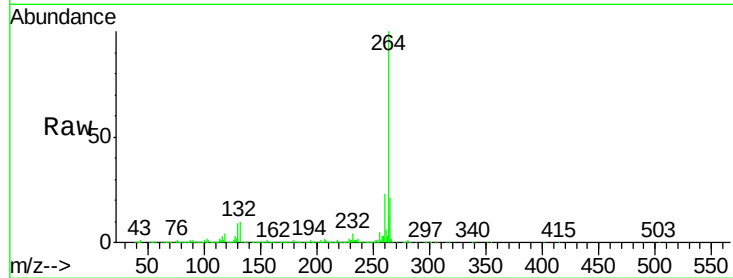
Tot Ion:264 Resp: 583219

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

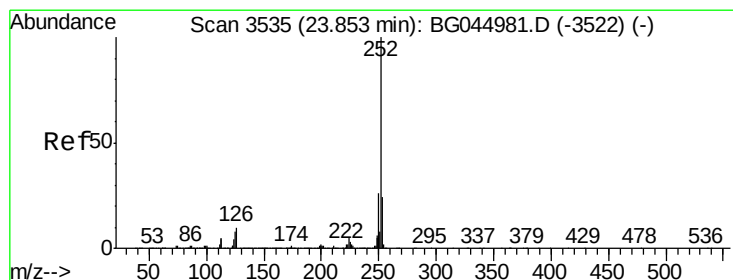
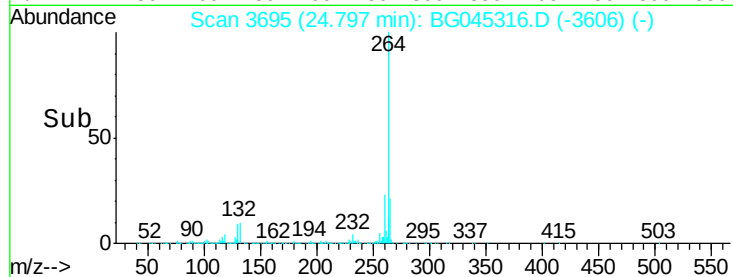
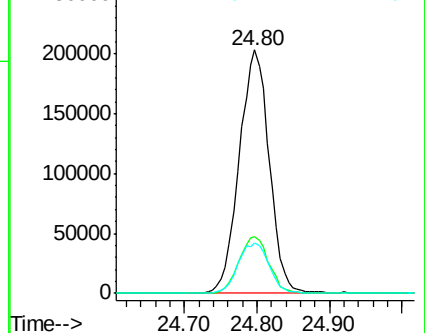
265 20.8 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.468 ng

RT: 23.80 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

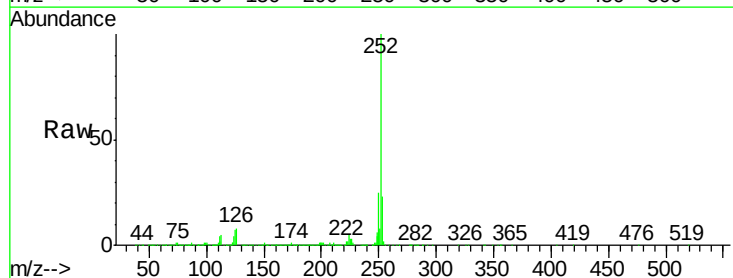
Tgt Ion:252 Resp: 1368798

Ion Ratio Lower Upper

252 100

253 22.6 18.8 28.2

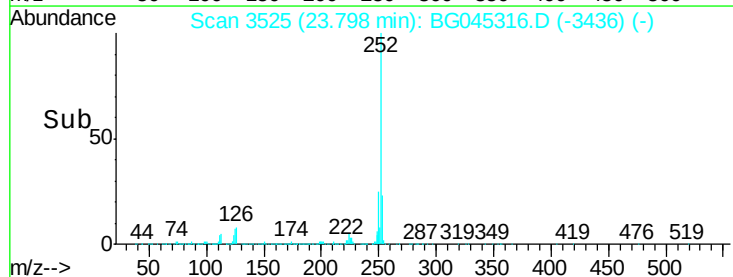
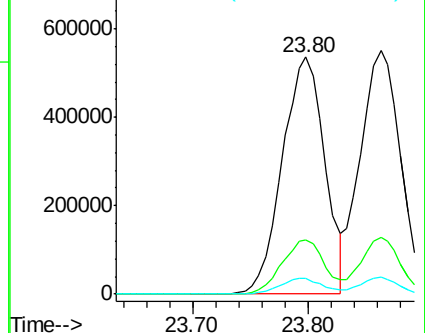
125 6.6 6.2 9.4

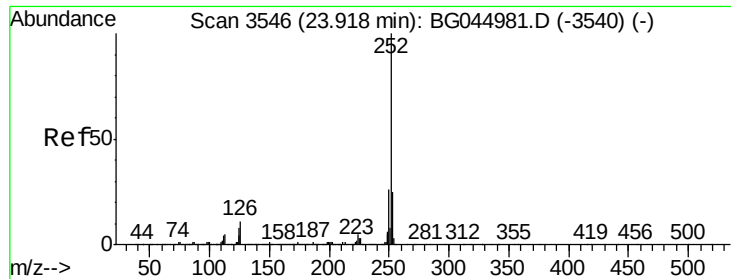


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.646 ng

RT: 23.86 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

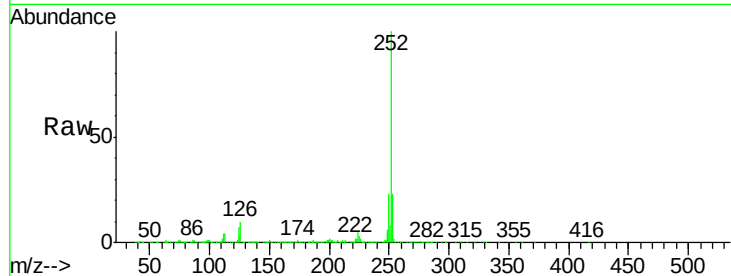
Tot Ion:252 Resp: 1342652

Ion Ratio Lower Upper

252 100

253 23.1 19.2 28.8

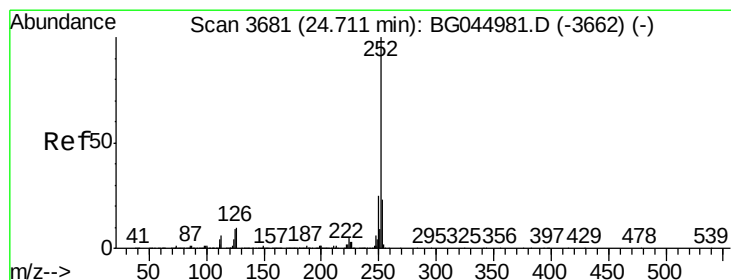
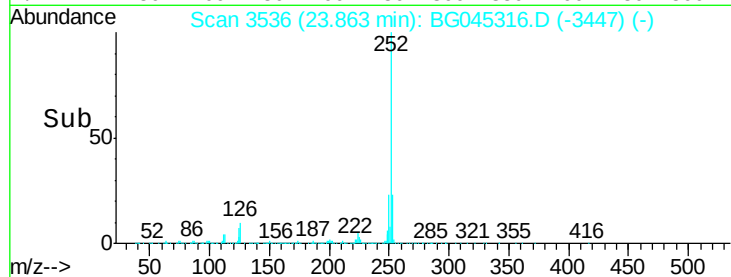
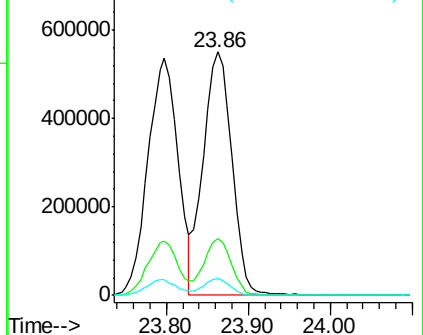
125 7.1 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.877 ng

RT: 24.65 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

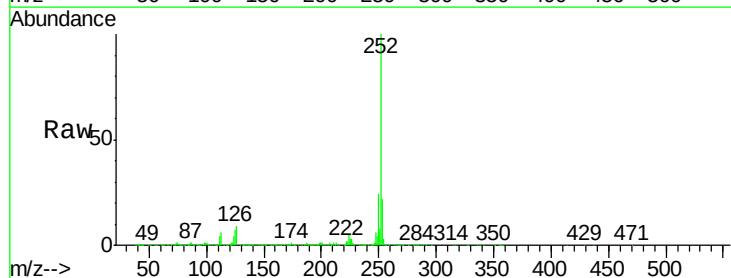
Tgt Ion:252 Resp: 1271973

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

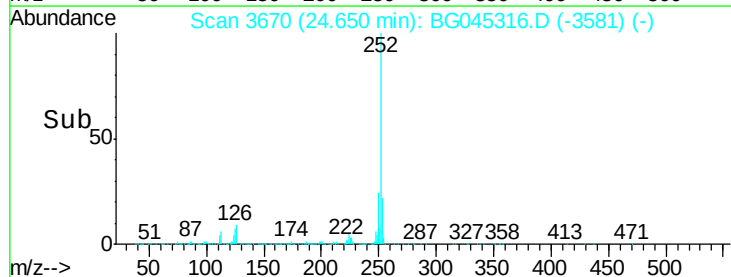
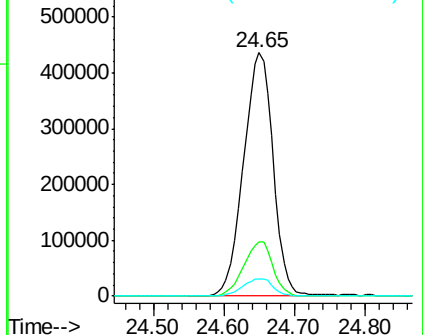
125 6.8 7.0 10.6#

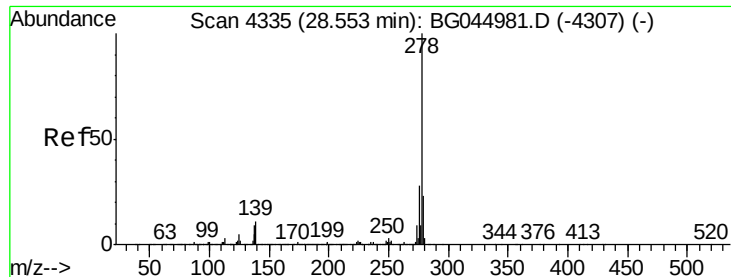


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 38.744 ng

RT: 28.46 min Scan# 4318

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

Instrument :

BNA_G

ClientSampleId :

TP-12AMSD

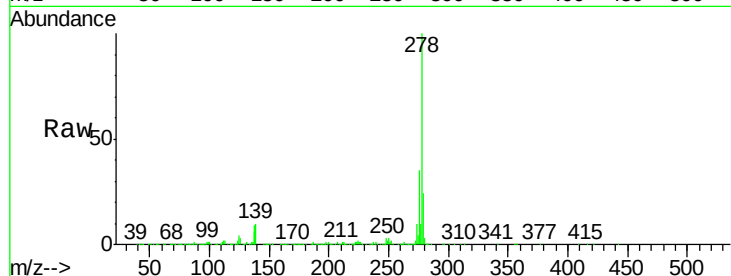
Tot Ion:278 Resp: 1346592

Ion Ratio Lower Upper

278 100

139 10.1 9.0 13.6

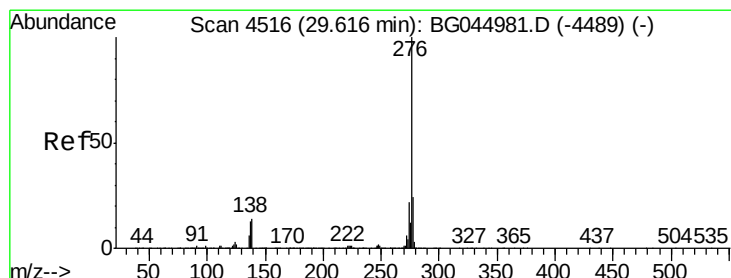
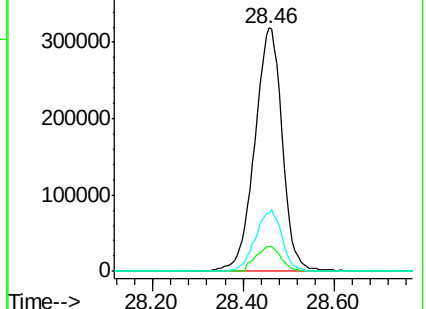
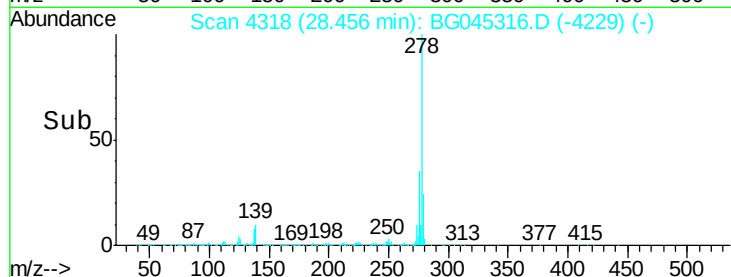
279 24.0 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.627 ng

RT: 29.52 min Scan# 4499

Delta R.T. -0.01 min

Lab File: BG045316.D

Acq: 12 May 2020 5:23

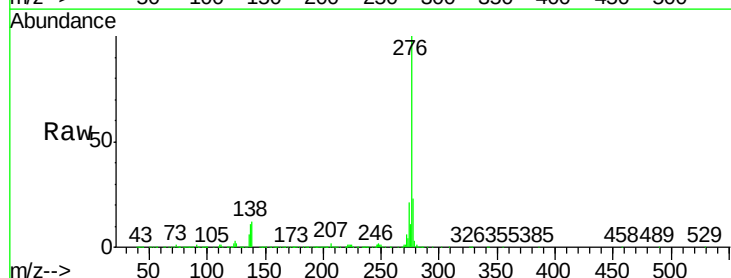
Tgt Ion:276 Resp: 1380790

Ion Ratio Lower Upper

276 100

277 23.4 19.3 28.9

138 12.4 11.4 17.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

