

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
 Data File : BG045365.D
 Acq On : 13 May 2020 17:15
 Operator : CG/JU
 Sample : L2502-01MSD 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 14 00:54:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 13 11:40:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	75593	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	319281	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	220019	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	457043	20.00	ng	0.00
76) Chrysene-d12	21.63	240	391102	20.00	ng	0.00
87) Perylene-d12	24.80	264	436273	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	55718	12.17	ng	0.00
7) Phenol-d6	7.15	99	82432	12.12	ng	0.00
23) Nitrobenzene-d5	9.14	82	53668	7.67	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	36634	10.78	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	135755	9.05	ng	0.00
79) Terphenyl-d14	19.98	244	188983	10.53	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	6740	3.312	ng	# 92
4) n-Nitrosodimethylamine	3.75	42	5298	2.760	ng	# 89
6) Aniline	7.30	93	21447	2.425	ng	# 87
8) 2-Chlorophenol	7.55	128	18851	3.831	ng	# 98
9) Benzaldehyde	7.11	77	13576	Below Cal		# 76
10) Phenol	7.18	94	25479	3.743	ng	# 94
11) bis(2-Chloroethyl)ether	7.40	93	19094	3.523	ng	# 87
12) 1,3-Dichlorobenzene	7.87	146	21142	3.646	ng	# 94
13) 1,4-Dichlorobenzene	8.01	146	21743	3.763	ng	# 89
14) 1,2-Dichlorobenzene	8.33	146	22231	4.022	ng	# 96
15) Benzyl Alcohol	8.21	79	18321	3.212	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	16586	3.117	ng	# 79
17) 2-Methylphenol	8.43	107	17161	3.267	ng	# 88
18) Hexachloroethane	9.07	117	8681	3.997	ng	# 88
19) n-Nitroso-di-n-propylamine	8.78	70	16657	3.462	ng	# 94
20) 3+4-Methylphenols	8.76	107	23664	3.219	ng	# 97
22) Acetophenone	8.80	105	32764	3.795	ng	# 95
24) Nitrobenzene	9.18	77	24808	3.459	ng	# 91
25) Isophorone	9.71	82	47222	3.295	ng	# 94
26) 2-Nitrophenol	9.90	139	10944	3.542	ng	# 93
27) 2,4-Dimethylphenol	9.96	122	19256	3.928	ng	# 94
28) bis(2-Chloroethoxy)methane	10.19	93	24434	3.245	ng	# 93
29) 2,4-Dichlorophenol	10.44	162	19672	3.475	ng	# 96
30) 1,2,4-Trichlorobenzene	10.65	180	22217	3.467	ng	# 93
31) Naphthalene	10.84	128	89762	5.139	ng	# 97
32) Benzoic acid	10.05	122	7172	7.944	ng	# 90
33) 4-Chloroaniline	10.94	127	18734	2.300	ng	# 96
34) Hexachlorobutadiene	11.13	225	15393	3.503	ng	# 94
35) Caprolactam	11.68	113	6822	3.028	ng	# 92
36) 4-Chloro-3-methylphenol	12.08	107	24106	3.625	ng	# 86
37) 2-Methylnaphthalene	12.66	142	68627	5.062	ng	# 95
38) 1-Methylnaphthalene	12.66	142	68627	5.362	ng	# 100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	27038	3.817	ng	# 98
43) 2,4,6-Trichlorophenol	13.06	196	18615	3.723	ng	# 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.14	196	19922	3.501	nq	98
46) 1,1'-Biphenyl	13.45	154	63507	3.798	nq	99
47) 2-Chloronaphthalene	13.50	162	48224	3.774	nq	91
48) 2-Nitroaniline	13.69	65	13801	3.283	nq	95
49) Acenaphthylene	14.34	152	92729	4.455	nq	97
50) Dimethylphthalate	14.07	163	83152	4.641	nq	99
51) 2,6-Dinitrotoluene	14.18	165	13394	3.343	nq	88
52) Acenaphthene	14.68	154	77510	5.504	nq	98
53) 3-Nitroaniline	14.52	138	10207	2.323	nq	93
55) Dibenzofuran	15.02	168	108437	5.282	nq	98
56) 4-Nitrophenol	14.85	139	20560	6.034	nq	90
57) 2,4-Dinitrotoluene	14.98	165	17322	2.958	nq #	94
58) Fluorene	15.67	166	113779	6.785	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	16761	3.310	nq #	93
60) Diethylphthalate	15.44	149	61518	3.294	nq	97
61) 4-Chlorophenyl-phenylether	15.66	204	31720	3.286	nq	95
62) 4-Nitroaniline	15.68	138	12356	2.711	nq	96
63) Azobenzene	15.95	77	61808	3.589	nq	94
66) n-Nitrosodiphenylamine	15.87	169	58980	4.491	nq	99
67) 4-Bromophenyl-phenylether	16.55	248	19921	3.379	nq #	81
68) Hexachlorobenzene	16.68	284	23346	3.818	nq #	89
69) Atrazine	16.82	200	19323	Below Cal		92
70) Pentachlorophenol	17.03	266	17683	4.714	nq #	90
71) Phenanthrene	17.41	178	609461	25.950	nq	99
72) Anthracene	17.50	178	228703	9.708	nq	95
73) Carbazole	17.77	167	120594	5.044	nq	95
74) Di-n-butylphthalate	18.33	149	96916	Below Cal	#	97
75) Fluoranthene	19.42	202	942235	32.405	nq	98
77) Benzidine	19.60	184	23630	Below Cal	#	95
78) Pyrene	19.78	202	864608	32.067	nq	98
80) Butylbenzylphthalate	20.67	149	37909	3.392	nq	94
81) Benzo(a)anthracene	21.61	228	468621	18.487	nq	97
82) 3,3'-Dichlorobenzidine	21.53	252	33198	3.290	nq	98
83) Chrysene	21.67	228	427646	17.558	nq	96
84) Bis(2-ethylhexyl)phthalate	21.53	149	57775	3.759	nq	98
85) Di-n-octyl phthalate	22.72	149	96100	3.615	nq #	88
86) Indeno(1,2,3-cd)pyrene	28.39	276	316684	9.793	nq	98
88) Benzo(b)fluoranthene	23.80	252	467459	17.106	nq	99
89) Benzo(k)fluoranthene	23.85	252	239682	9.222	nq	98
90) Benzo(a)pyrene	24.50	252	191819	7.434	nq	96
91) Dibenzo(a,h)anthracene	28.45	278	143076	5.503	nq	98
92) Benzo(g,h,i)perylene	29.51	276	287856	11.044	nq #	95

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

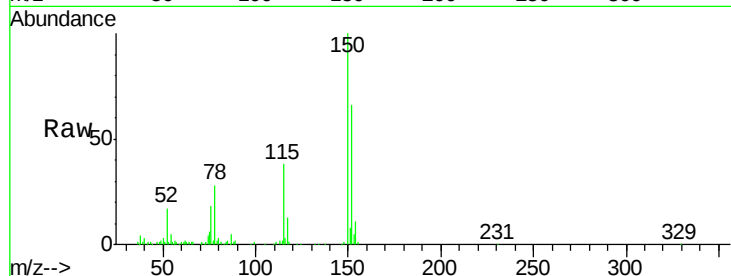


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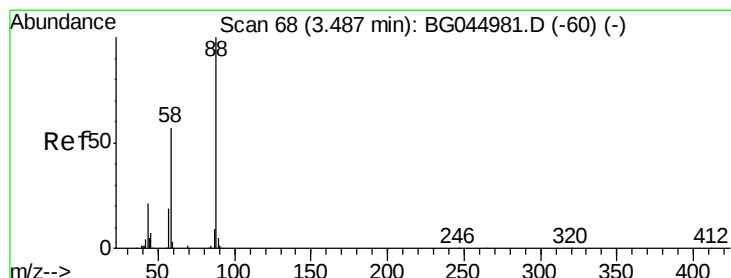
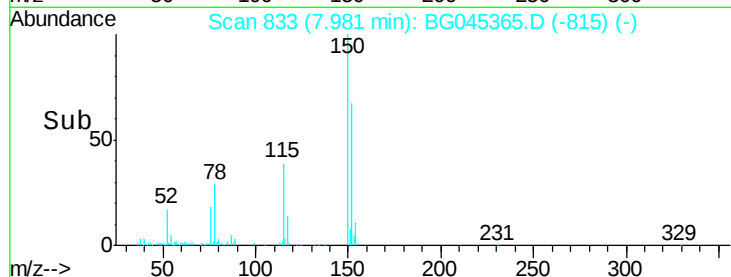
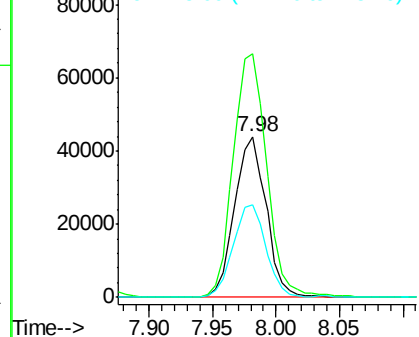
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 833
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 75593
Ion Ratio Lower Upper
152 100
150 151.6 123.6 185.4
115 57.4 49.1 73.7



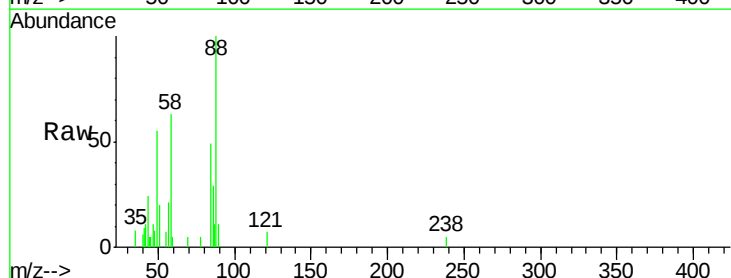
Abundance Ion 152.00 (151.70 to 152.70): B
Ion 150.00 (149.70 to 150.70): B
Ion 115.00 (114.70 to 115.70): B



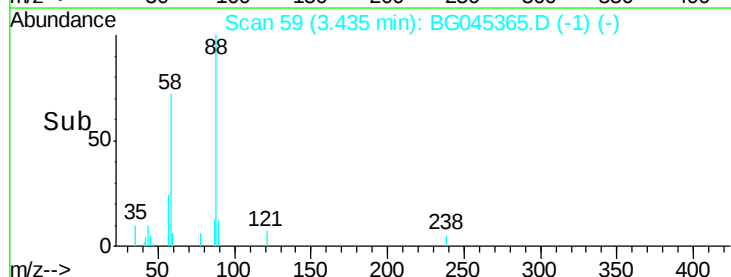
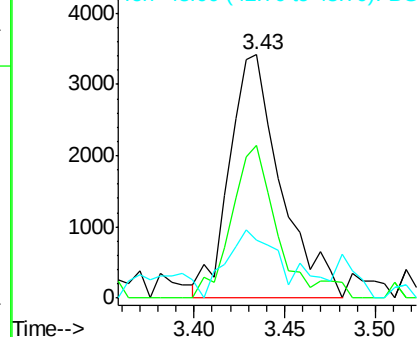
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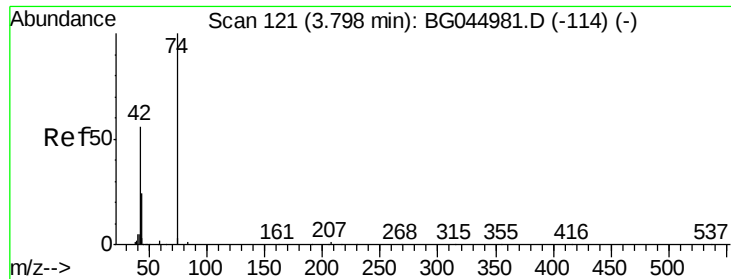
1,4-Dioxane
Concen: 3.312 ng
RT: 3.43 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion: 88 Resp: 6740
Ion Ratio Lower Upper
88 100
58 56.1 46.6 69.8
43 32.8 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



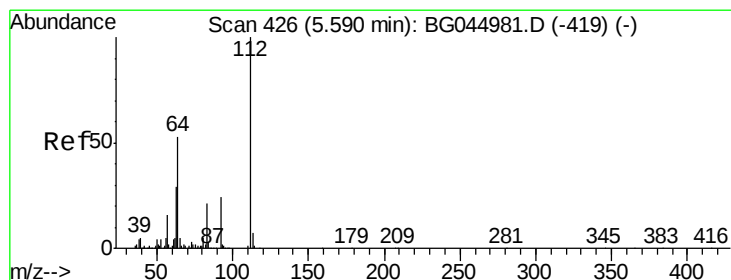
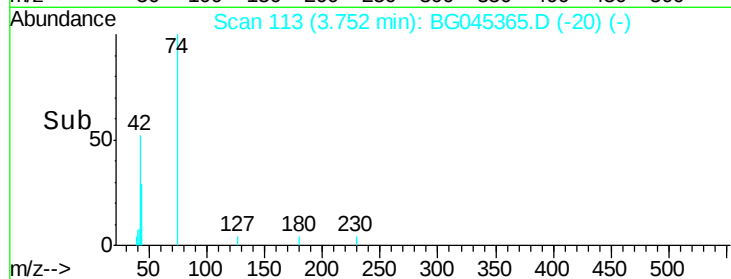
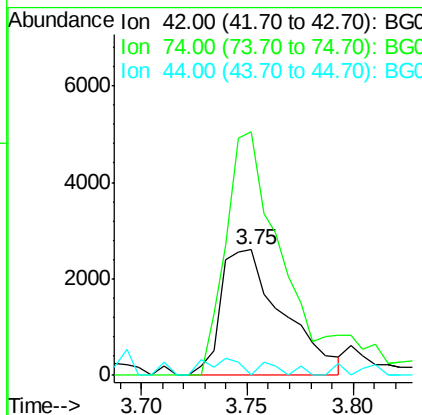
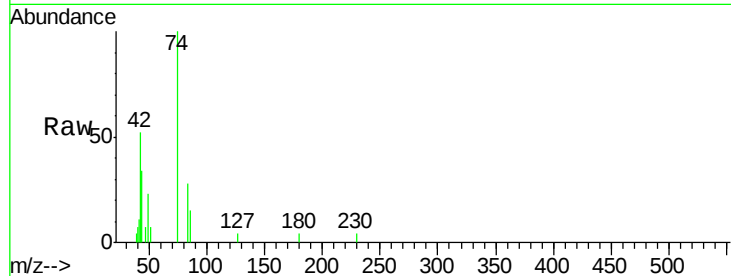


#4

n-Nitrosodimethylamine
 Concen: 2.760 ng
 RT: 3.75 min Scan# 113
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :

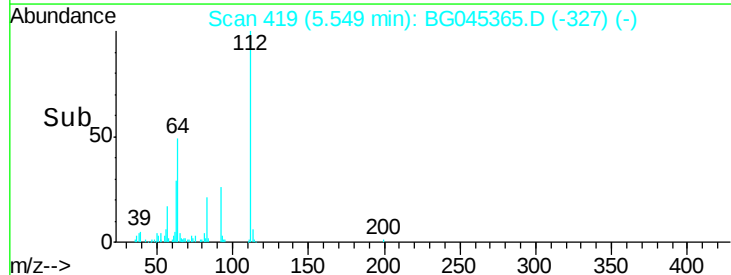
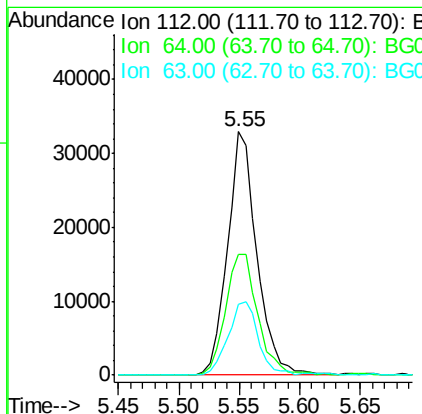
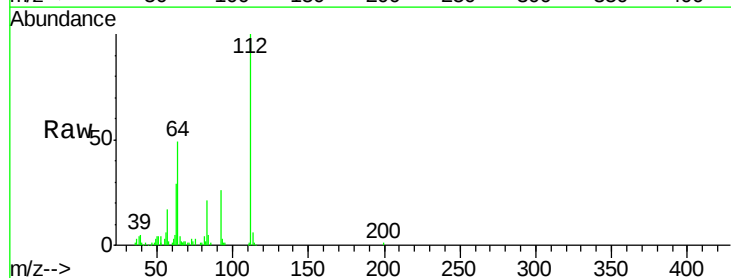
Tot Ion	Ratio	Lower	Upper
42	100		
74	194.1	143.0	214.6
44	0.0	4.6	6.8#

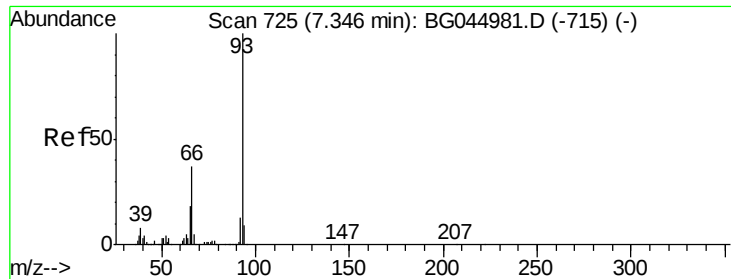


#5

2-Fluorophenol
 Concen: 12.169 ng
 RT: 5.55 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	42.4	63.6
63	29.2	23.1	34.7





#6

Aniline

Concen: 2.425 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

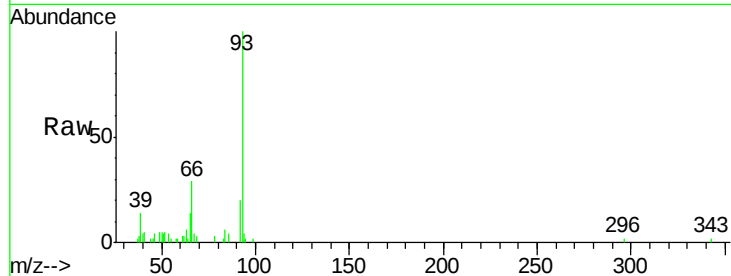
Tot Ion: 93 Resp: 21447

Ion Ratio Lower Upper

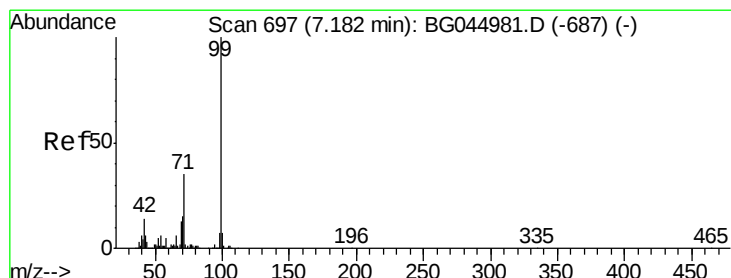
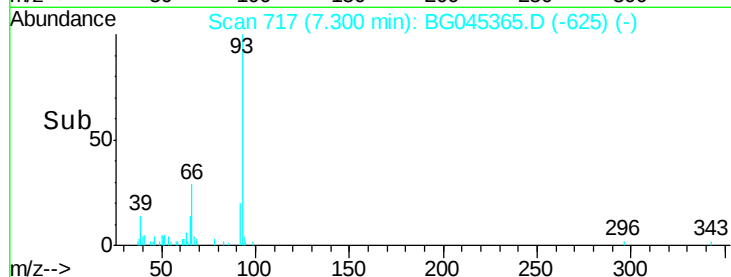
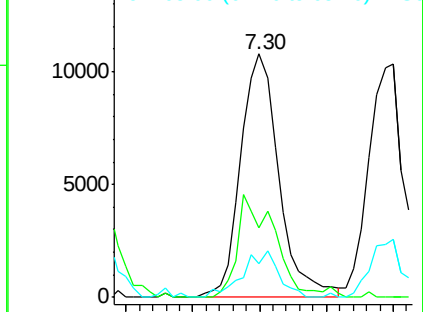
93 100

66 28.8 29.8 44.8#

65 13.8 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: 12.117 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

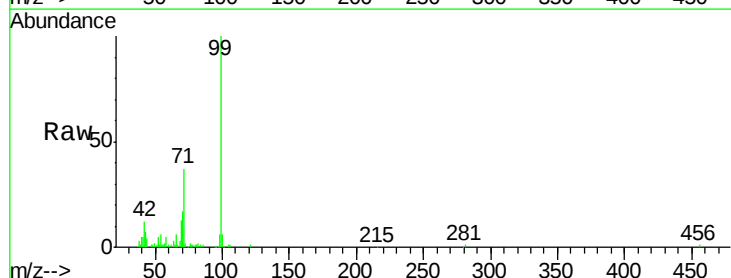
Tgt Ion: 99 Resp: 82432

Ion Ratio Lower Upper

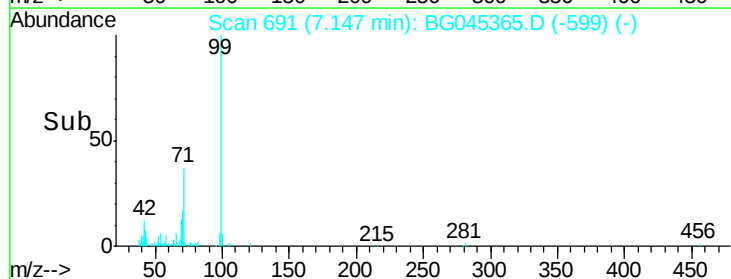
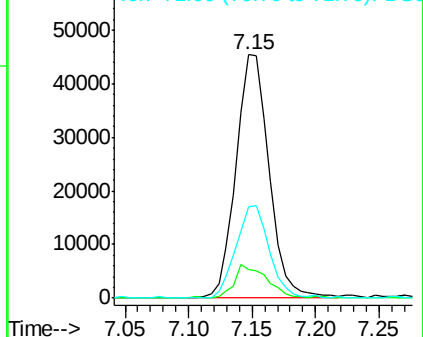
99 100

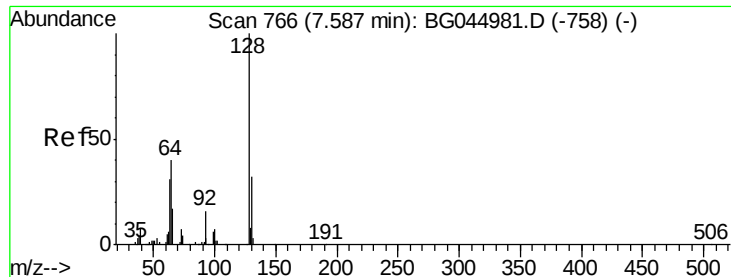
42 11.8 11.3 16.9

71 37.3 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: 3.831 ng

RT: 7.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BG045365.D

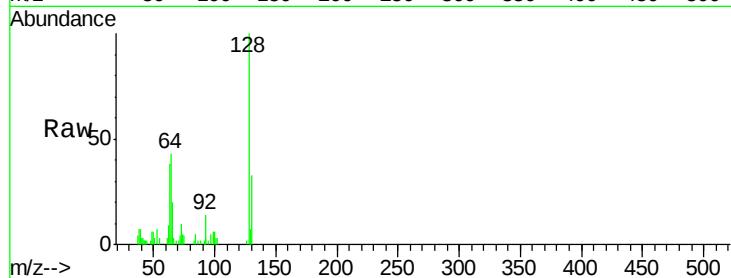
Acq: 13 May 2020 17:15

Instrument :

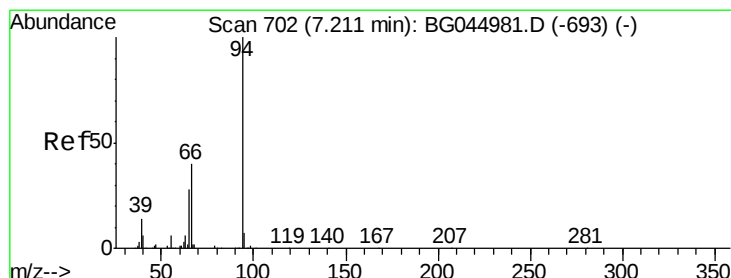
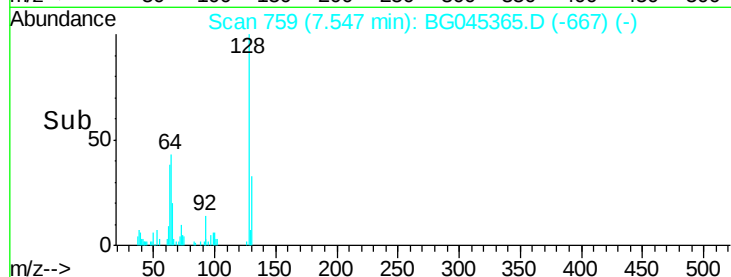
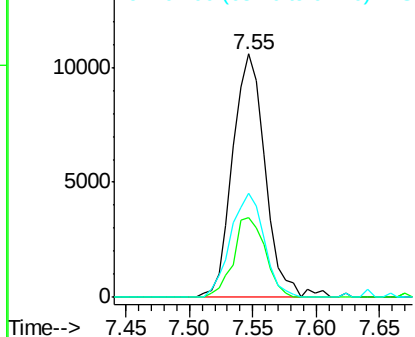
BNA_G

ClientSampleId :

Tot Ion:128	Resp:	18851
Ion Ratio	Lower	Upper
128 100		
130 33.0	12.3	52.3
64 42.7	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



#10

Phenol

Concen: 3.743 ng

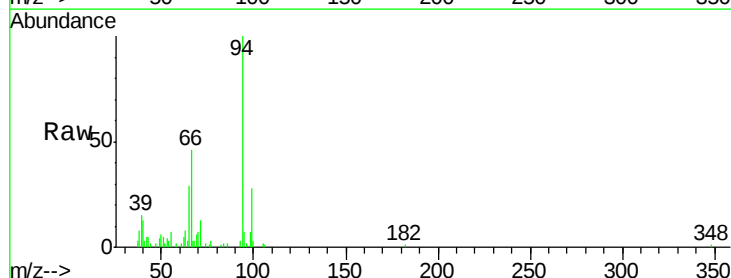
RT: 7.18 min Scan# 696

Delta R.T. 0.01 min

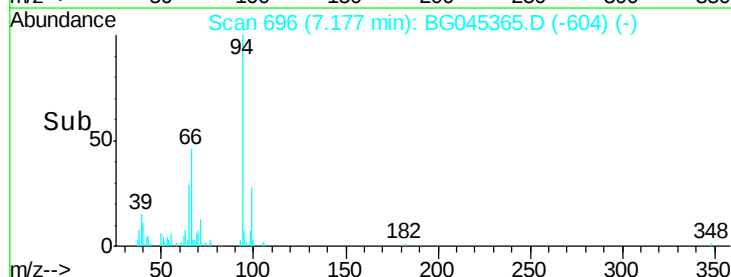
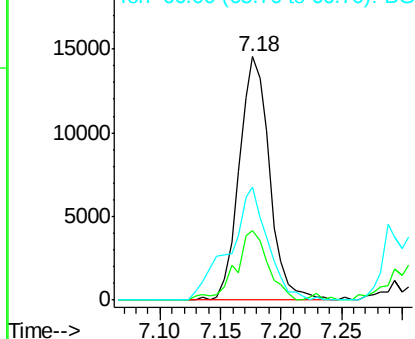
Lab File: BG045365.D

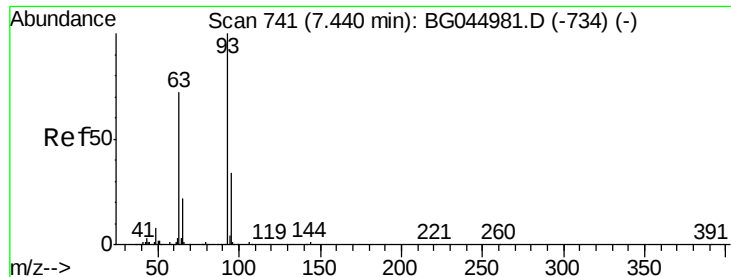
Acq: 13 May 2020 17:15

Tgt Ion: 94	Resp:	25479
Ion Ratio	Lower	Upper
94 100		
65 28.6	8.2	48.2
66 46.5	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

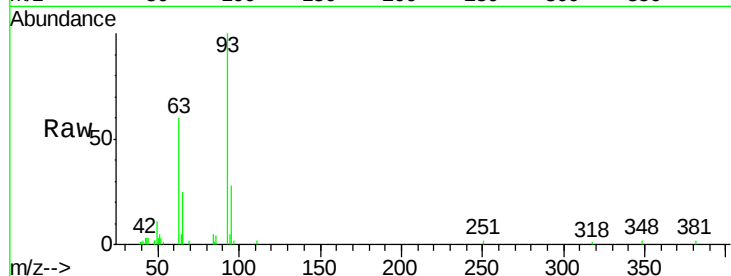




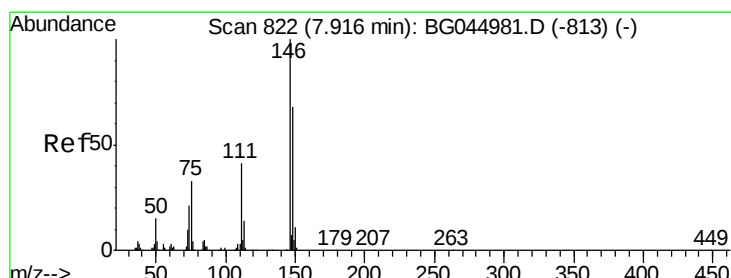
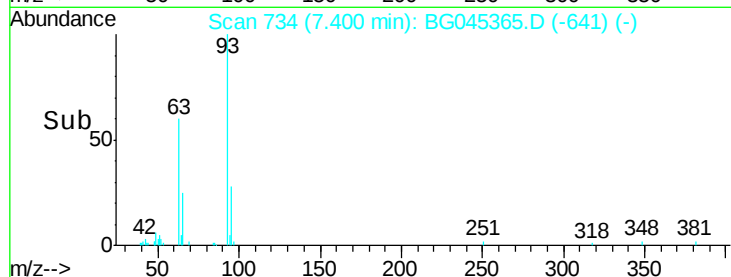
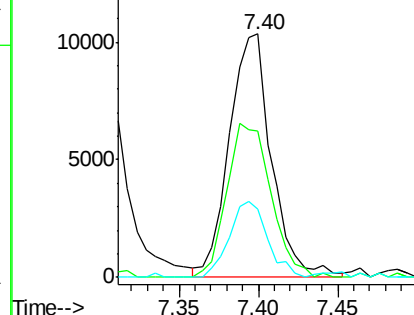
#11
 bis(2-Chloroethyl)ether
 Concen: 3.523 ng
 RT: 7.40 min Scan# 734
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	93.00	Resp:	19094
Ion	Ratio	Lower	Upper
93	100		
63	60.0	51.8	91.8
95	28.1	13.8	53.8

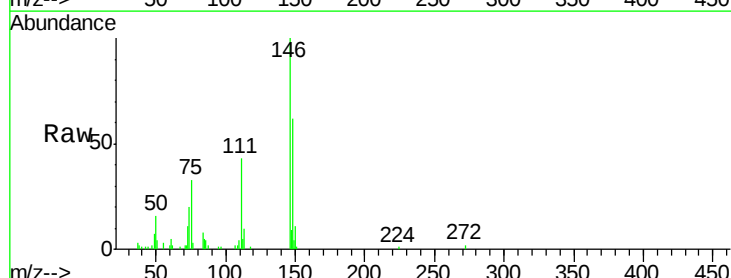


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

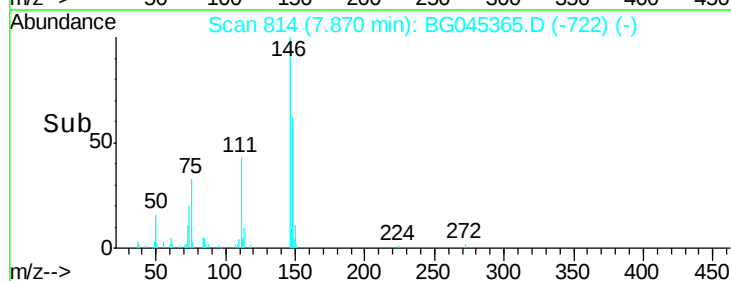
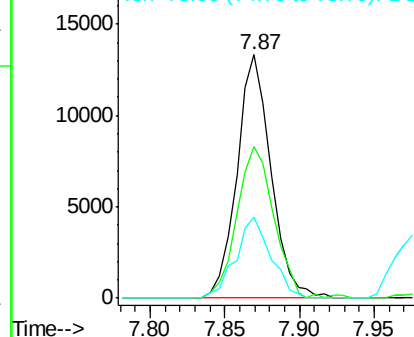


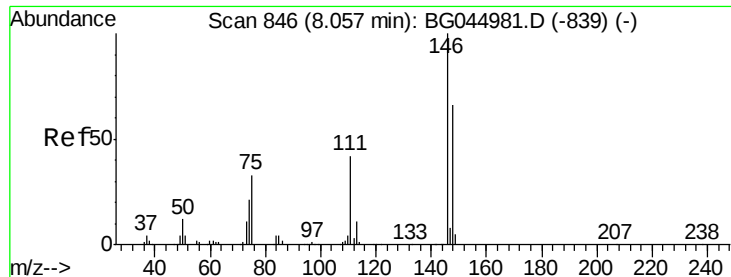
#12
 1,3-Dichlorobenzene
 Concen: 3.646 ng
 RT: 7.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	146	Resp:	21142
Ion	Ratio	Lower	Upper
146	100		
148	62.0	54.6	81.8
75	33.2	26.0	39.0



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

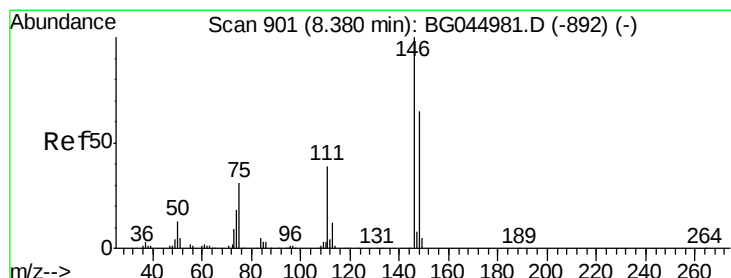
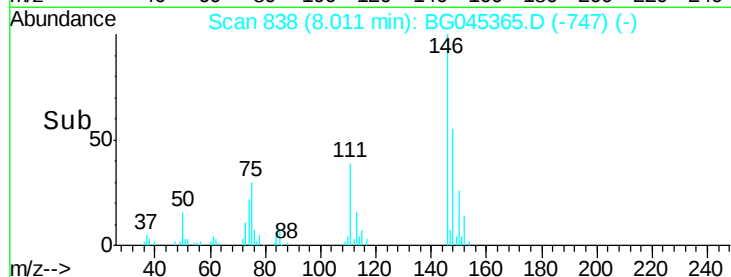
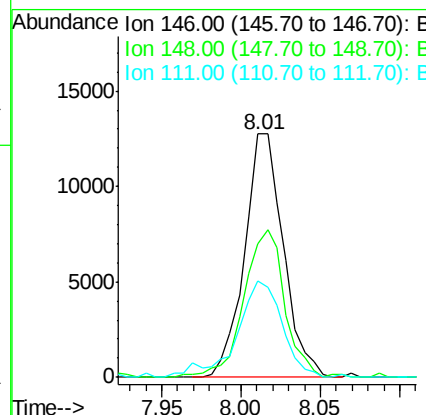
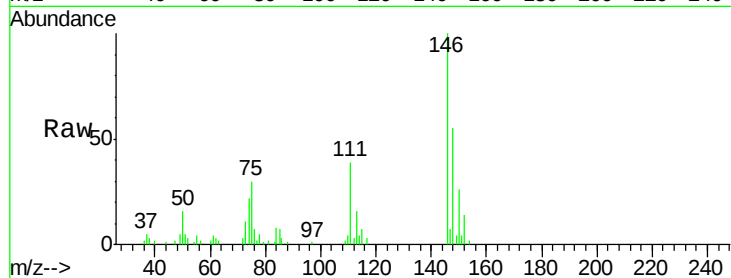




#13
 1,4-Dichlorobenzene
 Concen: 3.763 ng
 RT: 8.01 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

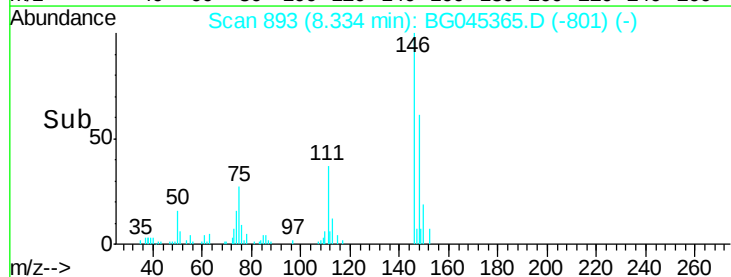
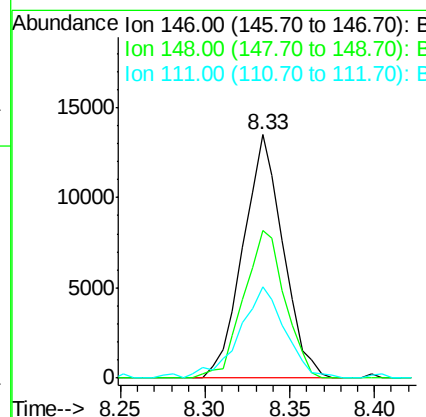
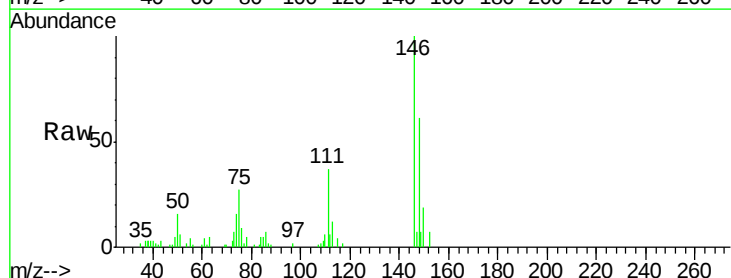
Instrument :
 BNA_G
 ClientSampleId :

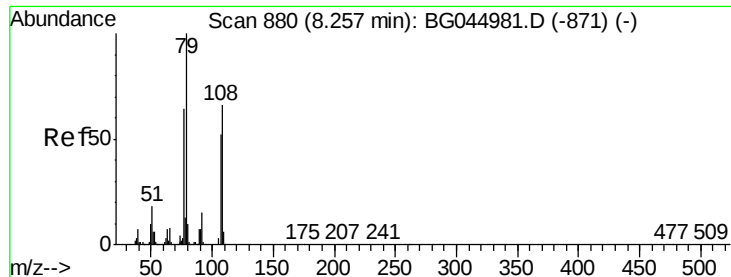
Tot Ion:146 Resp: 21743
 Ion Ratio Lower Upper
 146 100
 148 54.6 53.3 79.9
 111 39.4 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 4.022 ng
 RT: 8.33 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion:146 Resp: 22231
 Ion Ratio Lower Upper
 146 100
 148 60.8 51.9 77.9
 111 37.4 31.3 46.9

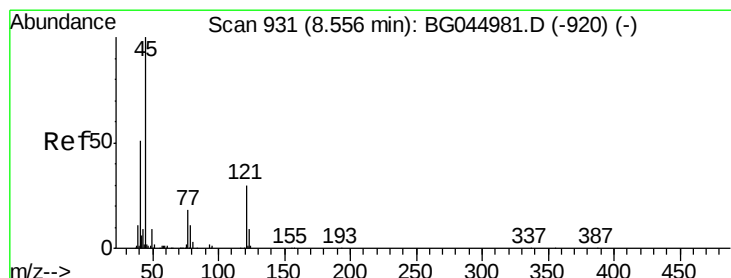
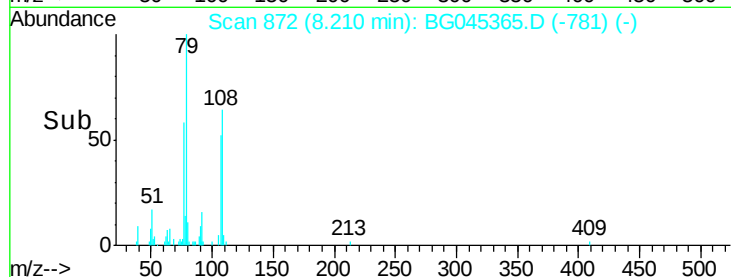
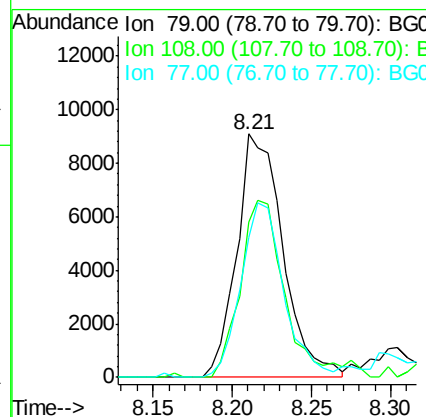
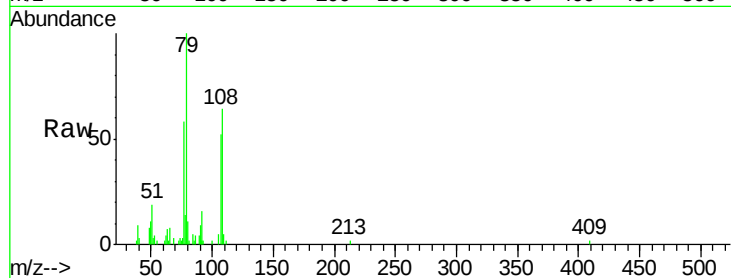




#15
Benzyl Alcohol
Concen: 3.212 ng
RT: 8.21 min Scan# 872
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

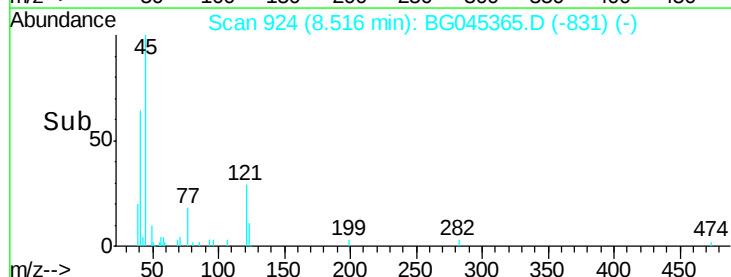
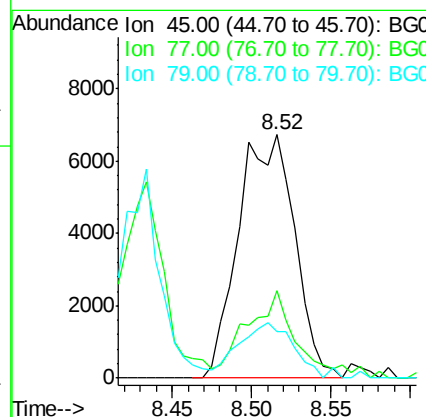
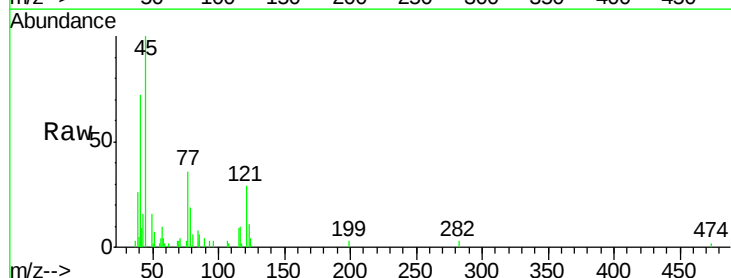
Instrument :
BNA_G
ClientSampleId :

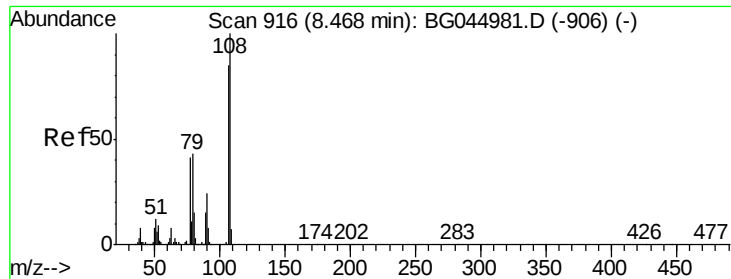
Tot Ion: 79 Resp: 18321
Ion Ratio Lower Upper
79 100
108 63.9 52.7 79.1
77 57.6 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.117 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion: 45 Resp: 16586
Ion Ratio Lower Upper
45 100
77 36.1 1.9 41.9
79 19.1 0.0 35.5





#17

2-Methylphenol

Concen: 3.267 ng

RT: 8.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: BG045365.D

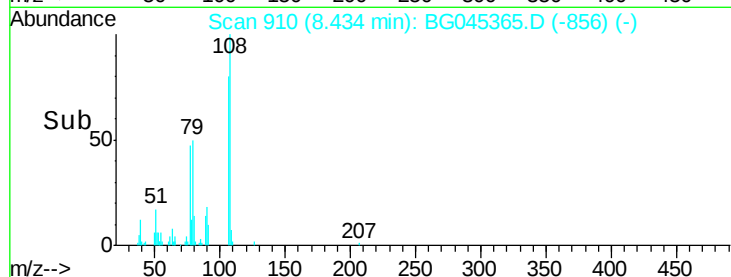
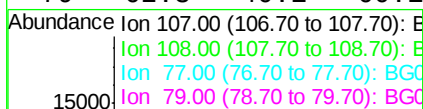
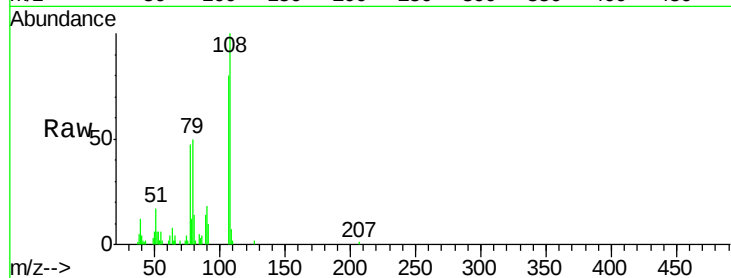
Acq: 13 May 2020 17:15

Instrument :

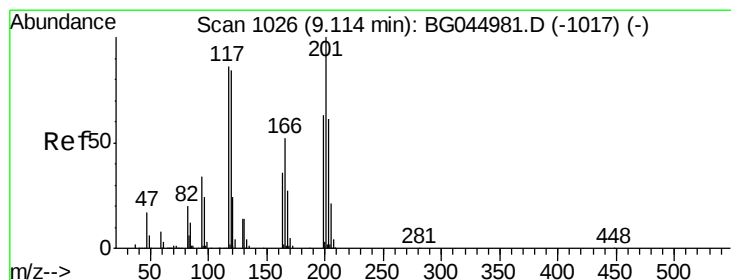
BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	17161
Ion	Ratio	Lower	Upper
107	100		
108	125.3	93.8	140.6
77	58.4	38.5	57.7#
79	62.3	40.1	60.1#



Time-->



#18

Hexachloroethane

Concen: 3.997 ng

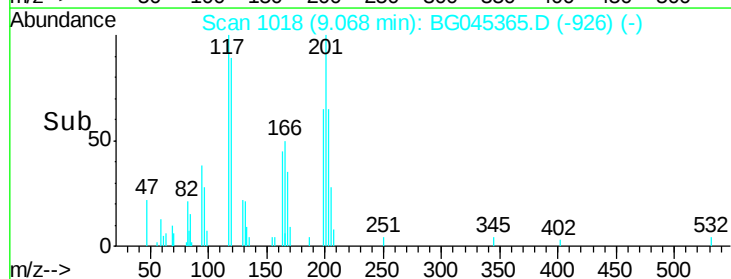
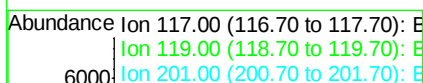
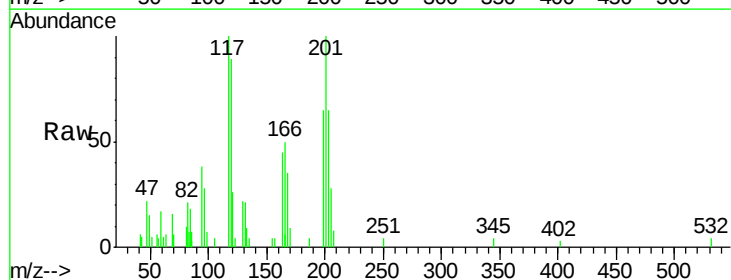
RT: 9.07 min Scan# 1018

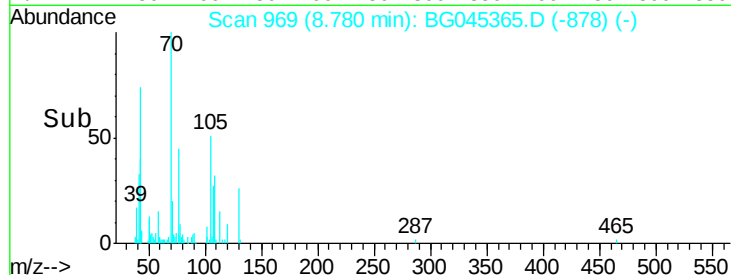
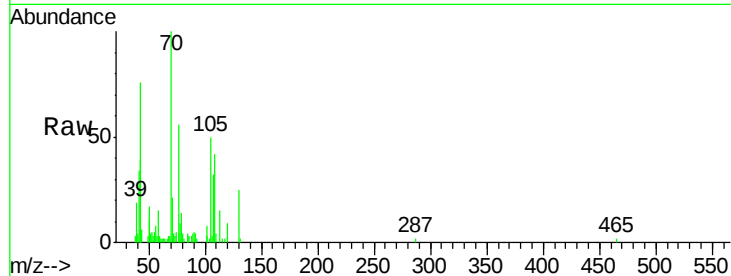
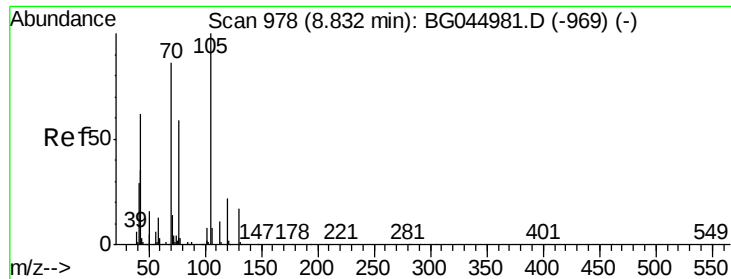
Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:	117	Resp:	8681
Ion	Ratio	Lower	Upper
117	100		
119	89.6	78.3	117.5
201	100.5	92.9	139.3

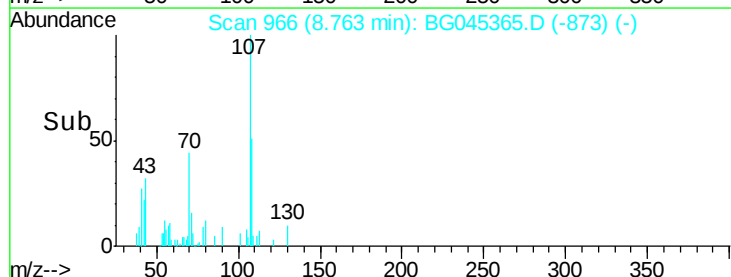
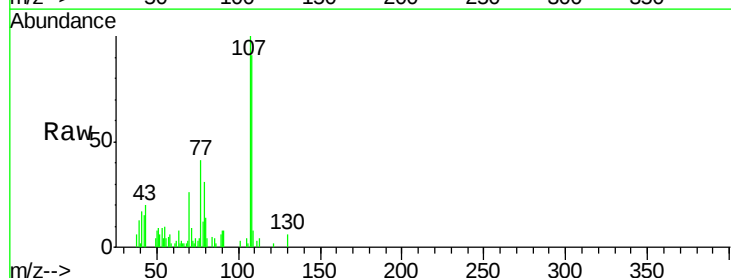
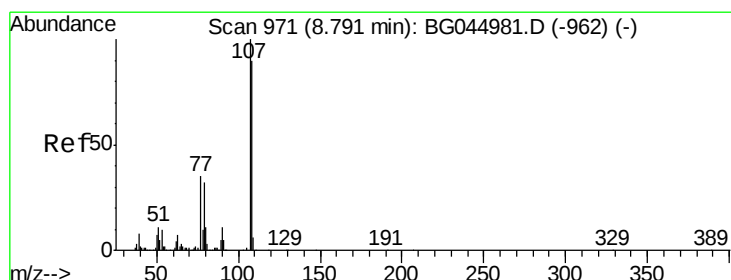
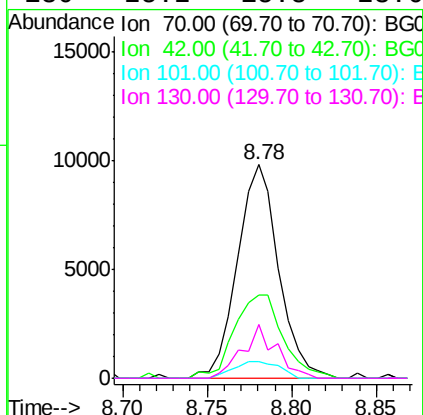




#19
n-Nitroso-di-n-propylamine
Concen: 3.462 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

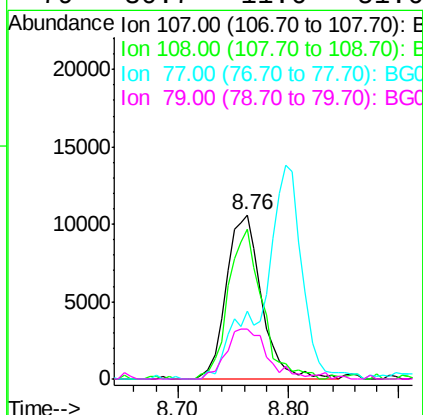
Instrument :
BNA_G
ClientSampleId :

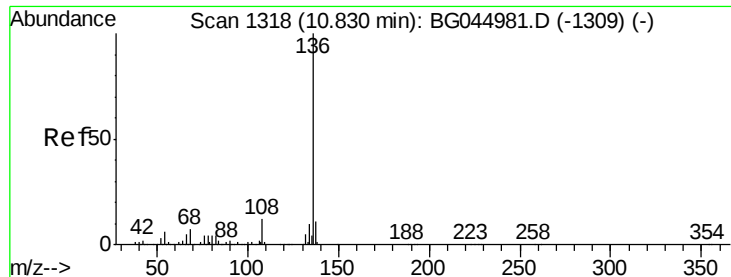
Tot Ion:	70	Resp:	16657
Ion	Ratio	Lower	Upper
70	100		
42	39.1	33.3	49.9
101	7.8	7.8	11.8#
130	25.2	15.8	23.6#



#20
3+4-Methylphenols
Concen: 3.219 ng
RT: 8.76 min Scan# 966
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion:	107	Resp:	23664
Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.9	109.9
77	41.1	15.2	55.2
79	30.7	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 319281

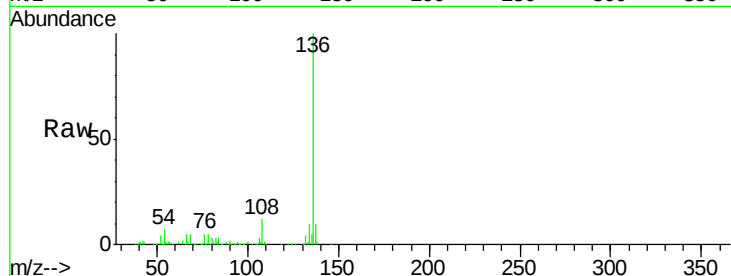
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 6.6 4.8 7.2

68 5.4 5.2 7.8

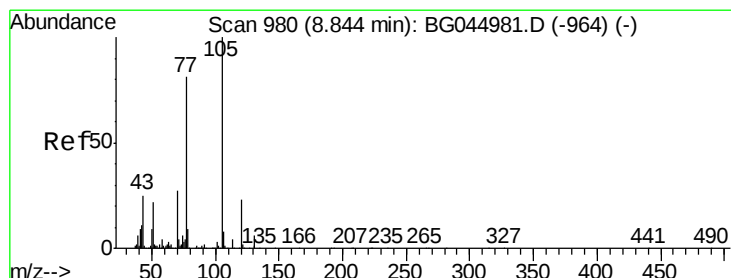
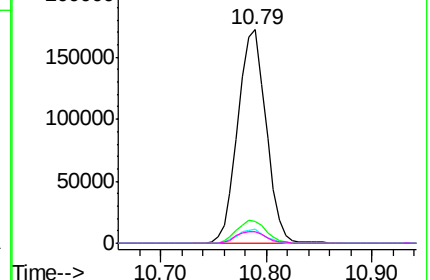
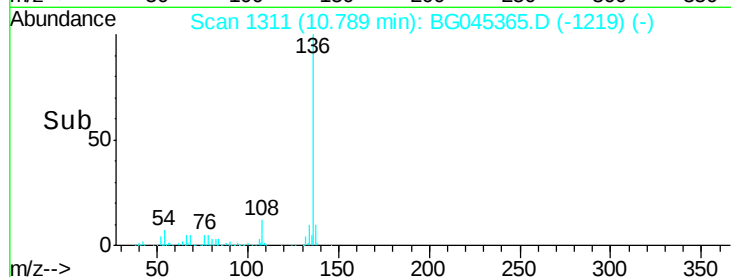


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 3.795 ng

RT: 8.80 min Scan# 973

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:105 Resp: 32764

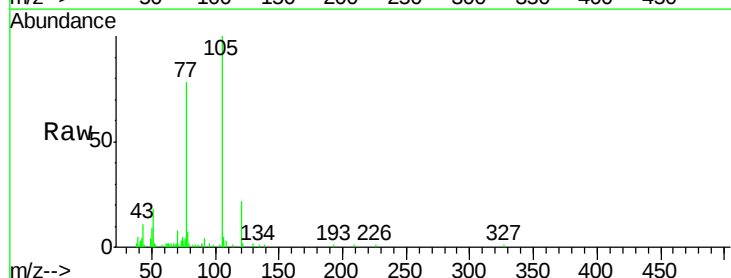
Ion Ratio Lower Upper

105 100

71 1.4 3.3 4.9#

51 18.2 17.3 25.9

120 22.0 18.4 27.6

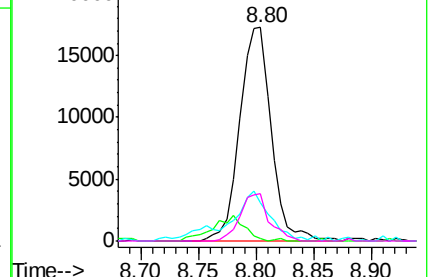
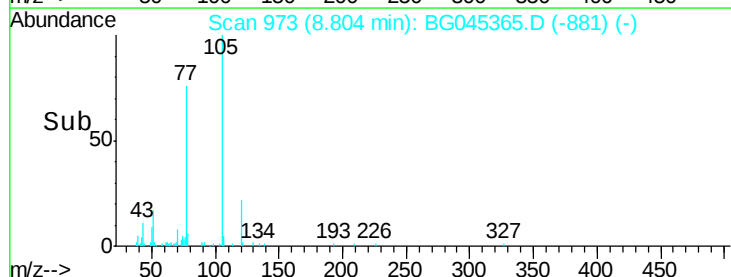


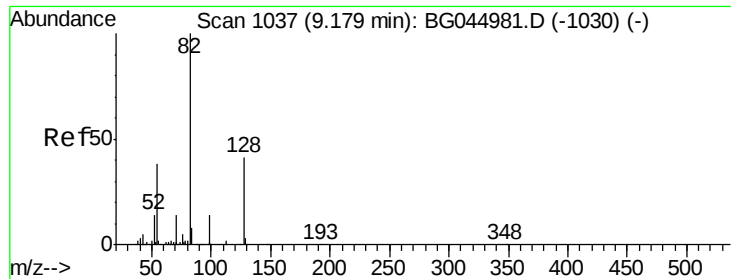
Abundance Ion 105.00 (104.70 to 105.70): E

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

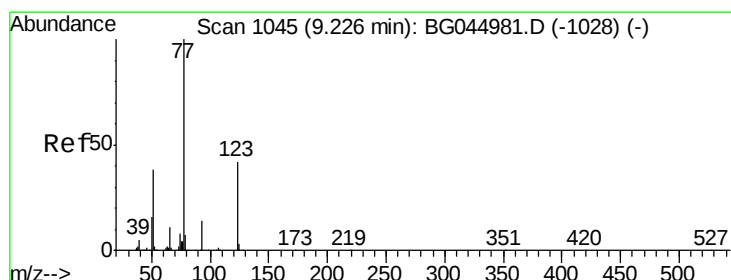
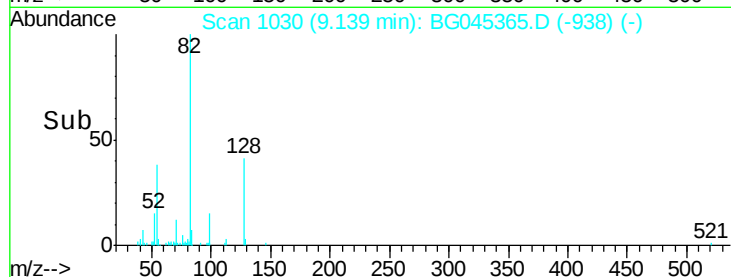
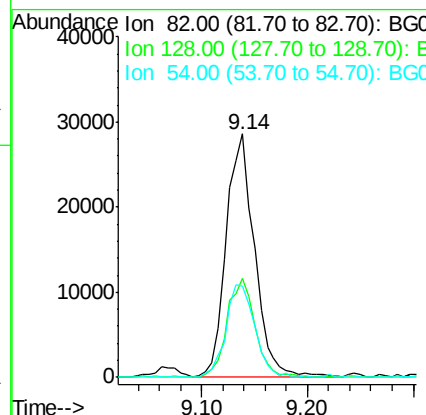
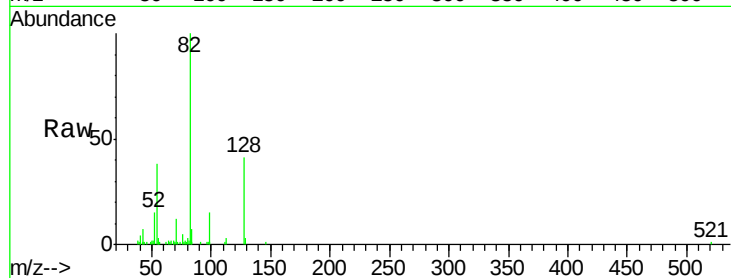




#23
Nitrobenzene-d5
Concen: 7.670 ng
RT: 9.14 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

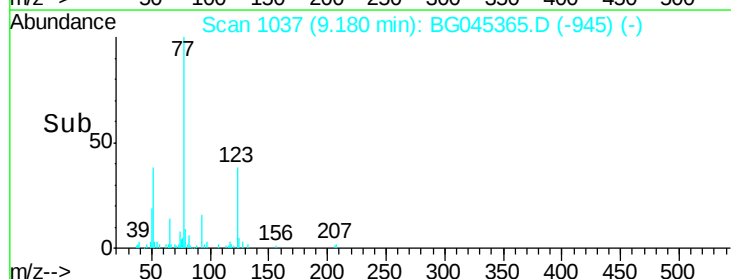
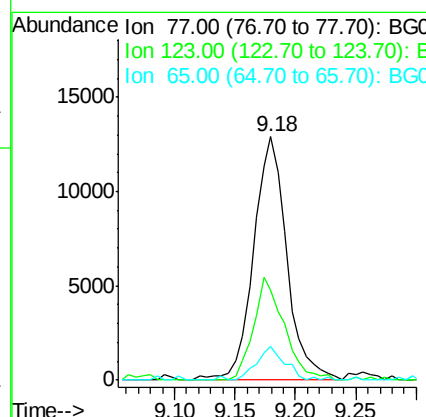
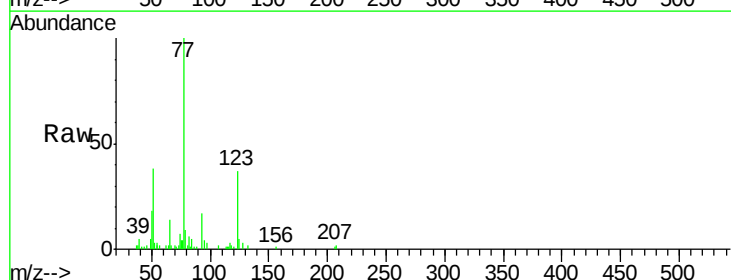
Instrument :
BNA_G
ClientSampleId :

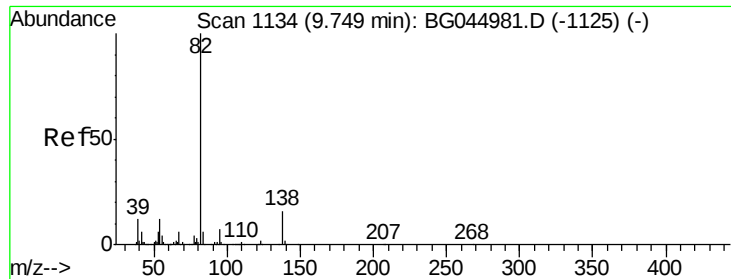
Tot Ion	82	Resp	53668
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.0	49.4
54	37.5	30.4	45.6



#24
Nitrobenzene
Concen: 3.459 ng
RT: 9.18 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	77	Resp	24808
Ion Ratio	Lower	Upper	
77	100		
123	37.2	34.3	51.5
65	13.8	8.9	13.3#





#25

Isophorone

Concen: 3.295 ng

RT: 9.71 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

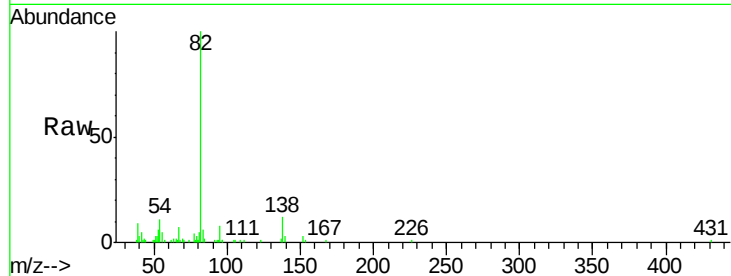
Tot Ion: 82 Resp: 47222

Ion Ratio Lower Upper

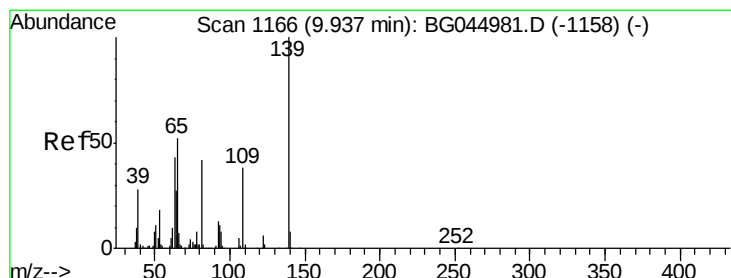
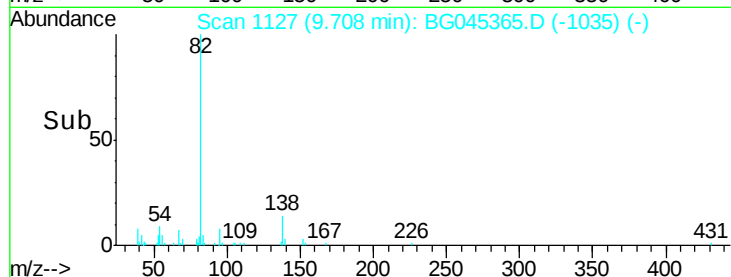
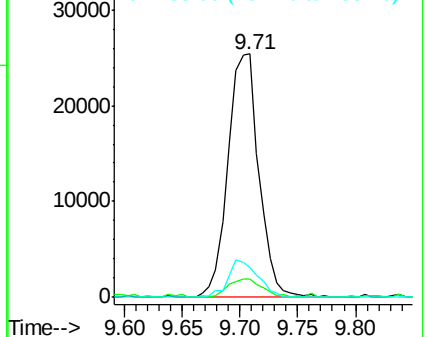
82 100

95 7.6 6.0 9.0

138 12.4 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: 3.542 ng

RT: 9.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

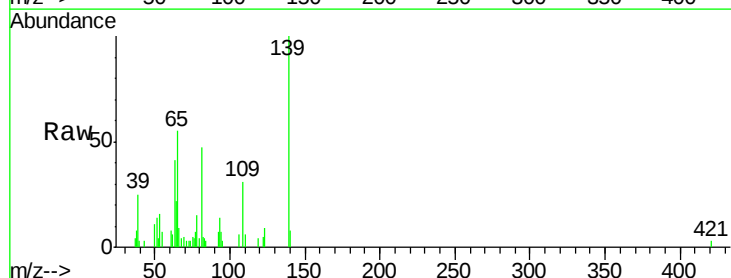
Tgt Ion: 139 Resp: 10944

Ion Ratio Lower Upper

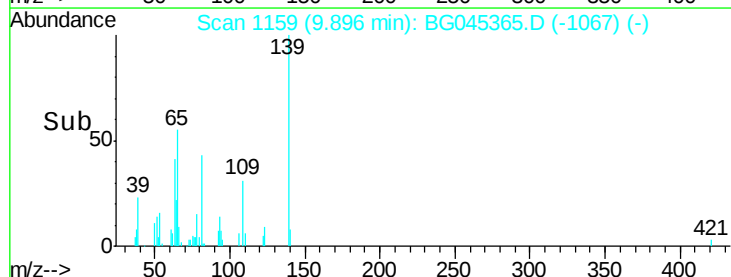
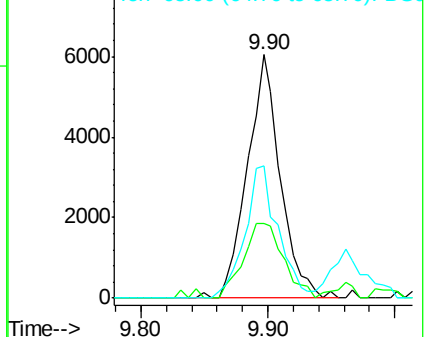
139 100

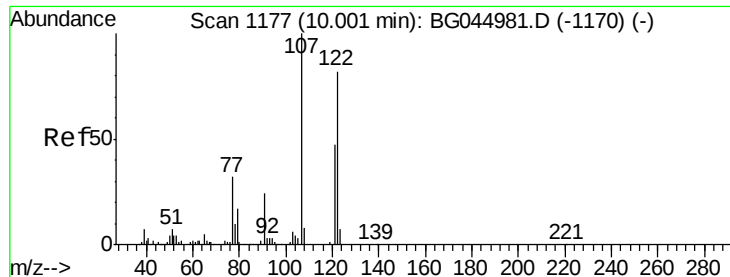
109 30.7 30.6 45.8

65 54.5 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

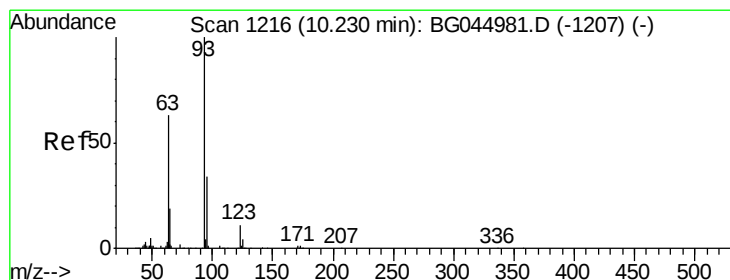
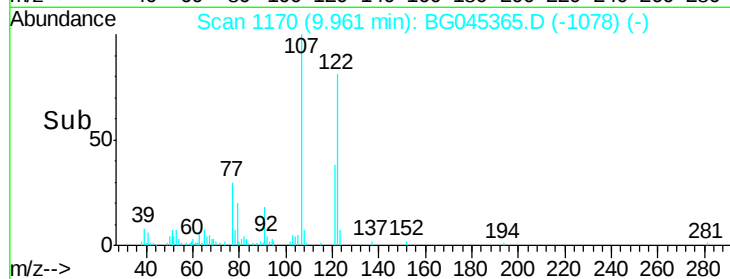
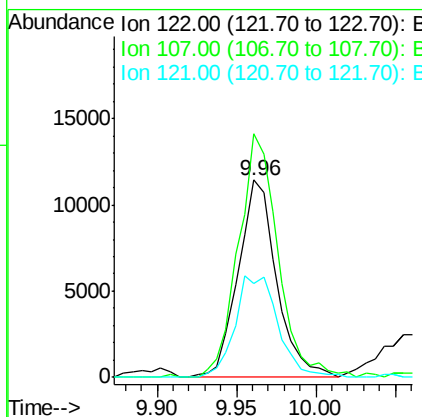
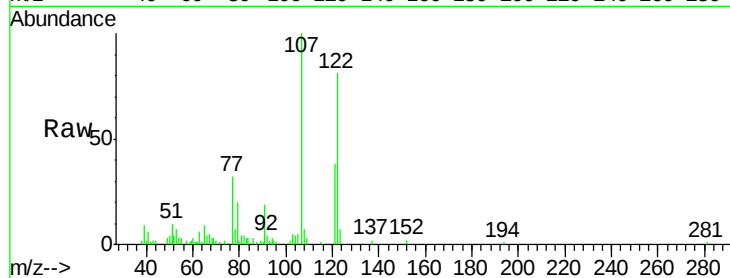




#27
 2,4-Dimethylphenol
 Concen: 3.928 ng
 RT: 9.96 min Scan# 1170
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

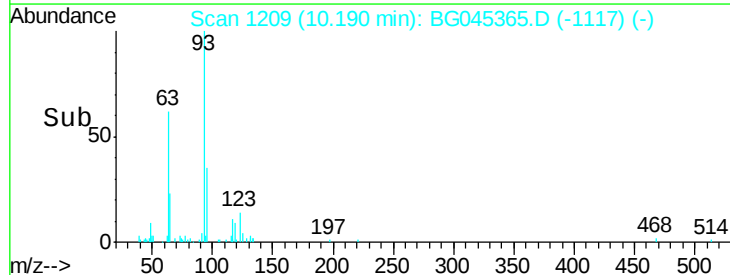
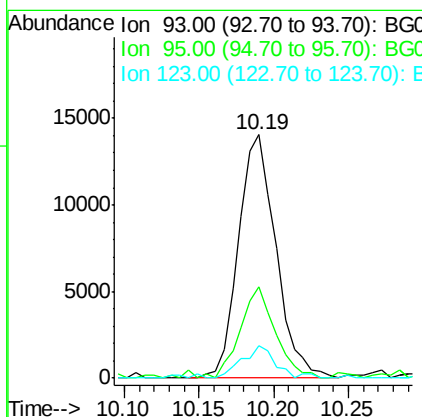
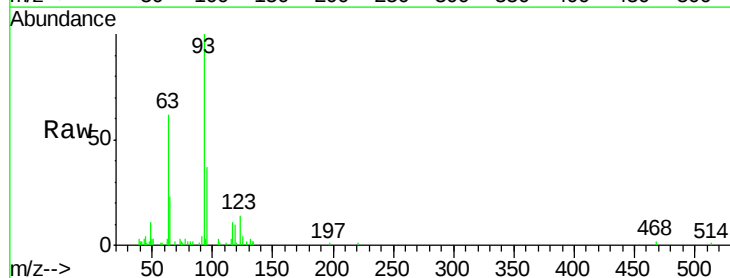
Instrument :
 BNA_G
 ClientSampleId :

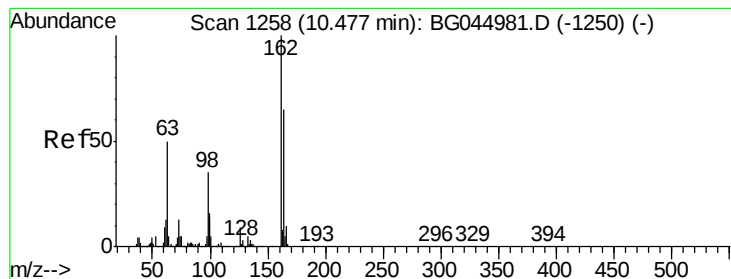
Tot Ion:122 Resp: 19256
 Ion Ratio Lower Upper
 122 100
 107 123.5 96.8 145.2
 121 47.3 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 3.245 ng
 RT: 10.19 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion: 93 Resp: 24434
 Ion Ratio Lower Upper
 93 100
 95 37.3 27.0 40.4
 123 13.5 8.7 13.1#





#29

2,4-Dichlorophenol

Concen: 3.475 ng

RT: 10.44 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

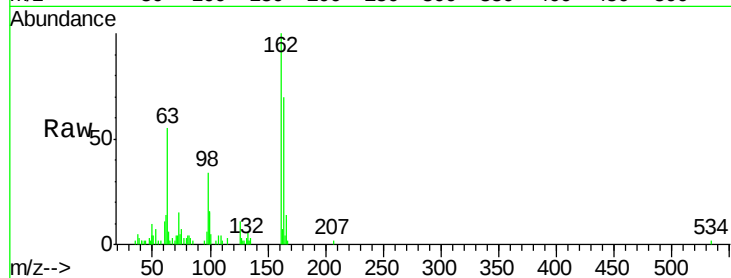
Tot Ion:162 Resp: 19672

Ion Ratio Lower Upper

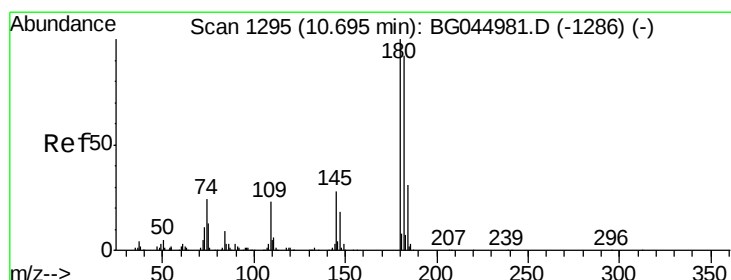
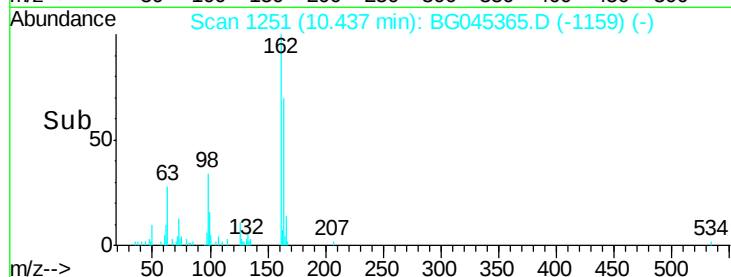
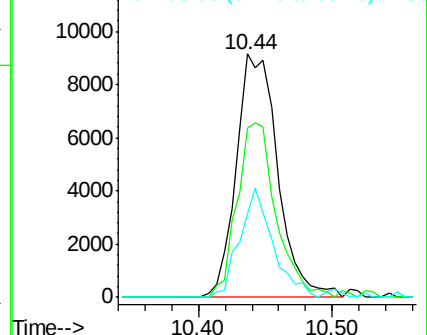
162 100

164 69.7 45.0 85.0

98 34.5 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 3.467 ng

RT: 10.65 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

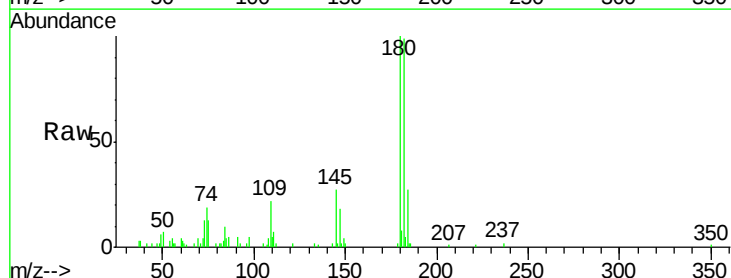
Tgt Ion:180 Resp: 22217

Ion Ratio Lower Upper

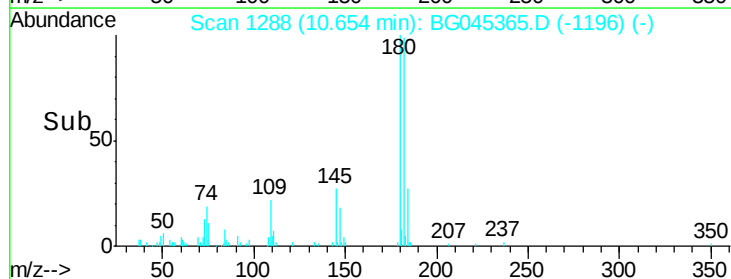
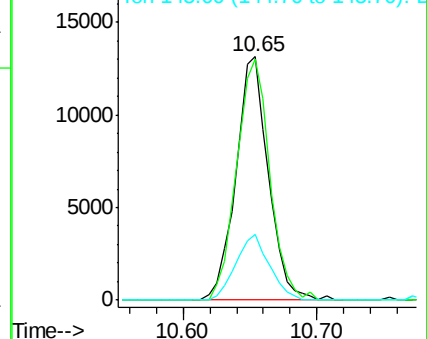
180 100

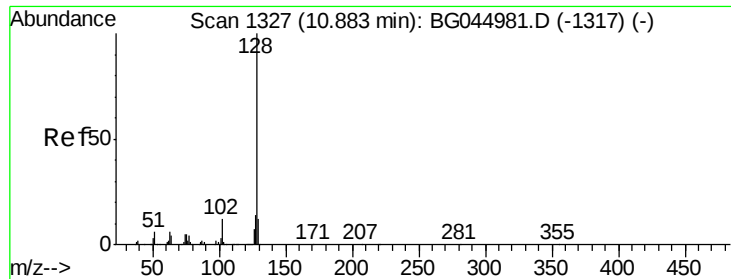
182 99.2 73.3 109.9

145 26.8 22.6 33.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

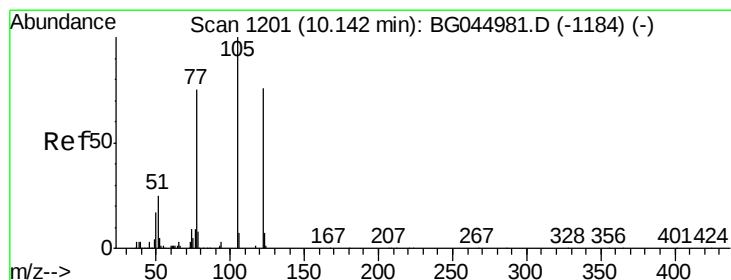
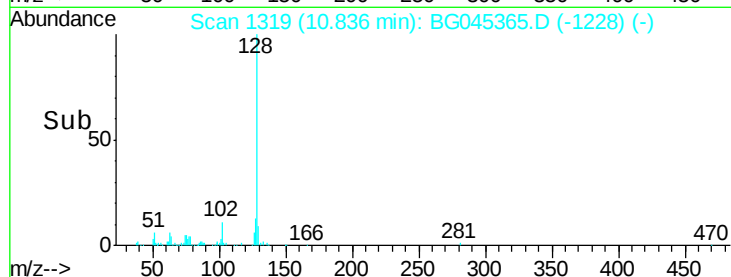
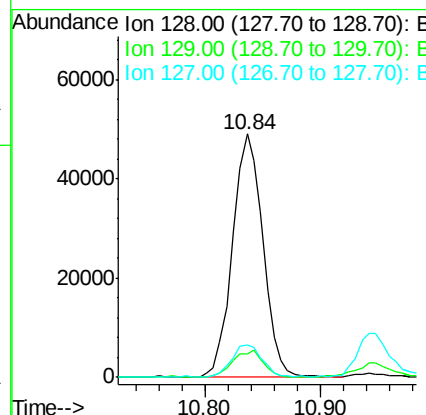
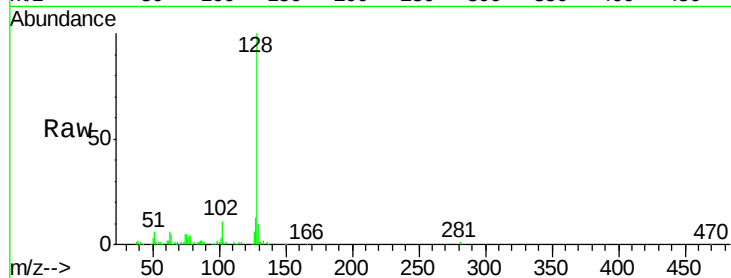




#31
Naphthalene
Concen: 5.139 ng
RT: 10.84 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

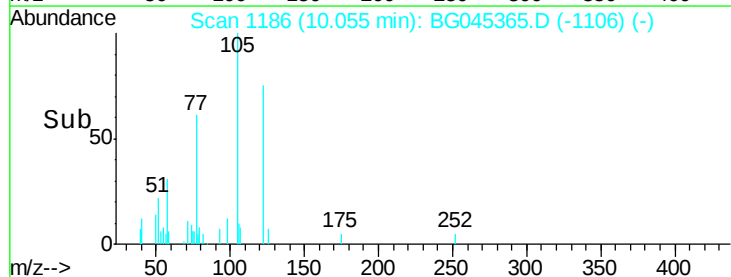
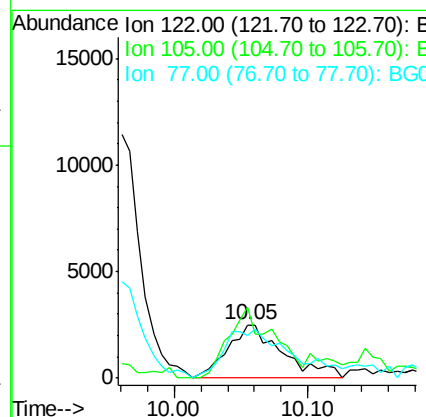
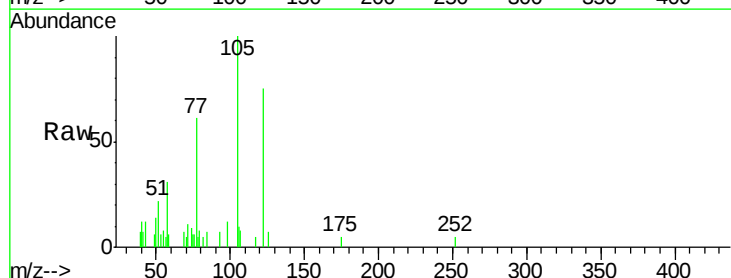
Instrument :
BNA_G
ClientSampleId :

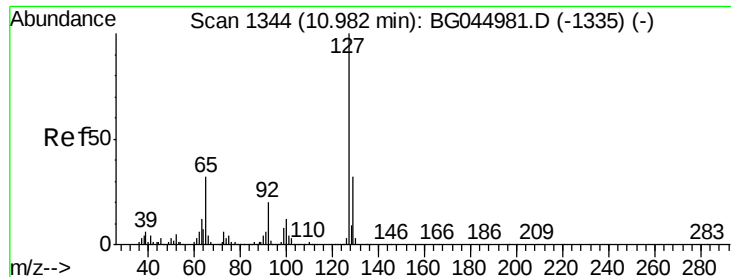
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.7	9.4	14.2
127	13.4	10.8	16.2



#32
Benzoic acid
Concen: 7.944 ng
RT: 10.05 min Scan# 1186
Delta R.T. -0.06 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.3	108.4	148.4
77	80.7	78.8	118.8

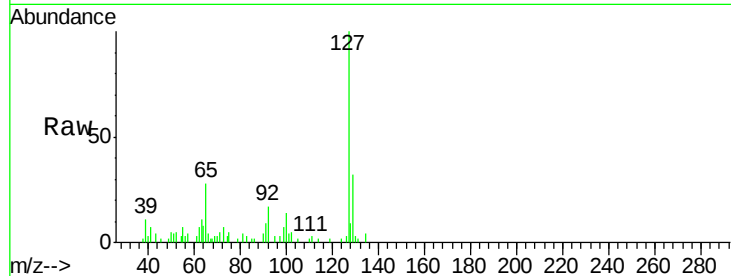




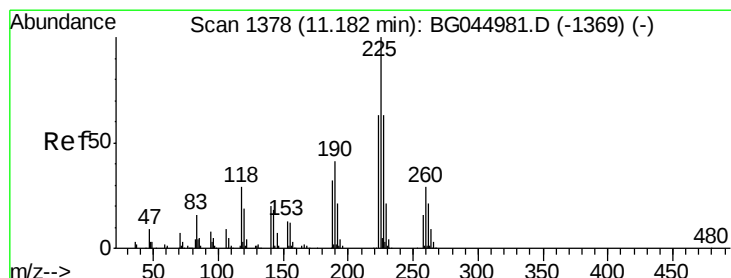
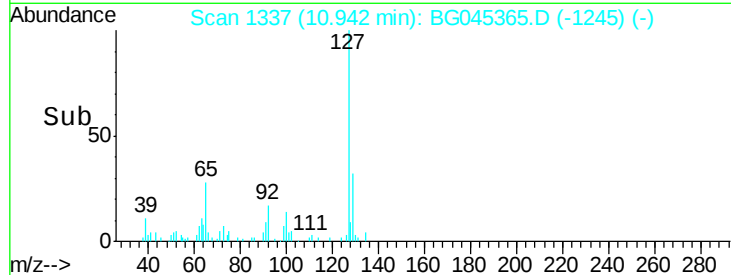
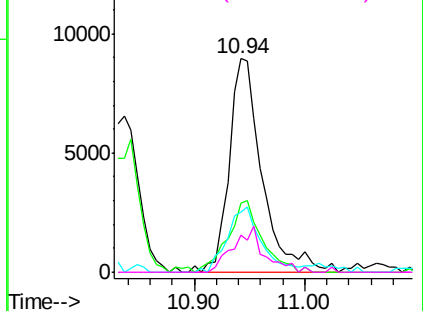
#33
4-Chloroaniline
Concen: 2.300 ng
RT: 10.94 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	18734
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	28.1	25.4	38.2
92	17.4	16.1	24.1

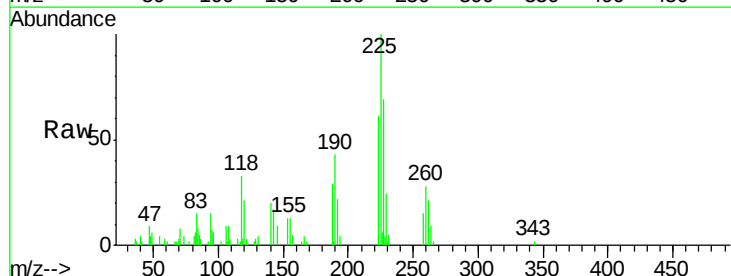


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

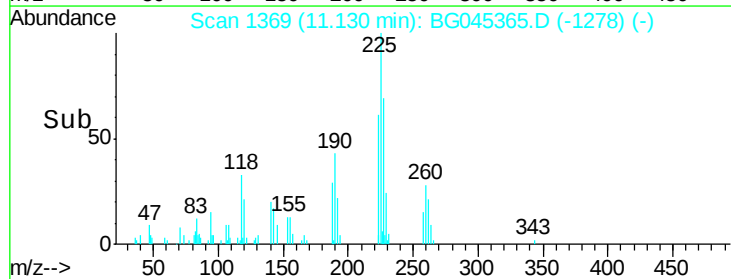
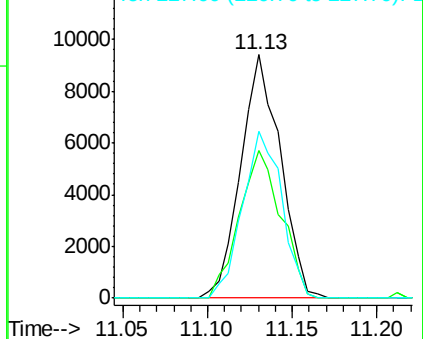


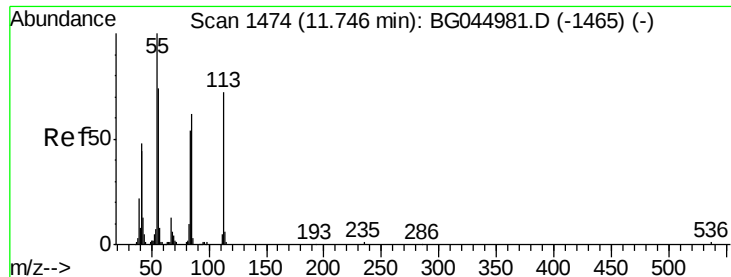
#34
Hexachlorobutadiene
Concen: 3.503 ng
RT: 11.13 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion:	225	Resp:	15393
Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.7	76.1
227	68.8	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

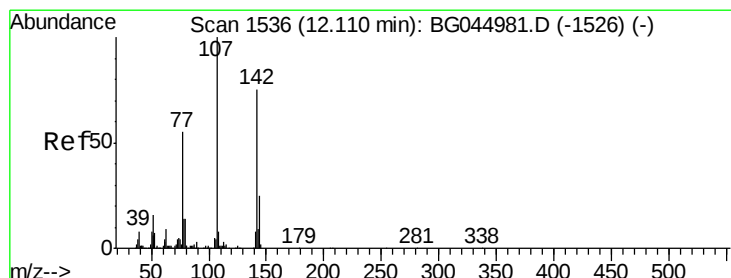
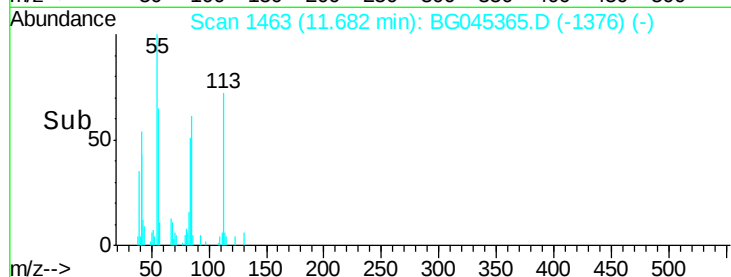
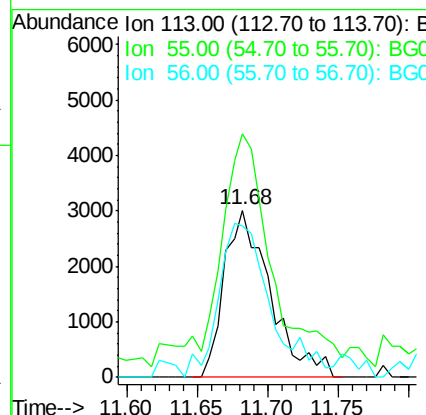
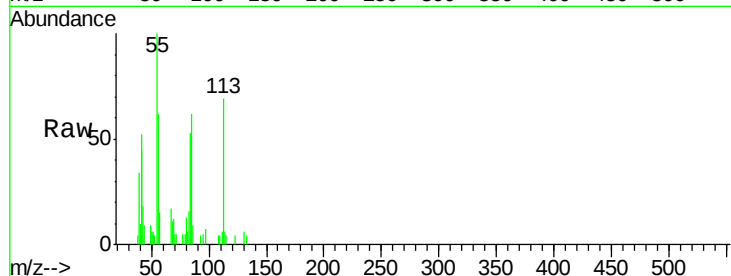




#35
Caprolactam
Concen: 3.028 ng
RT: 11.68 min Scan# 1463
Delta R.T. -0.02 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

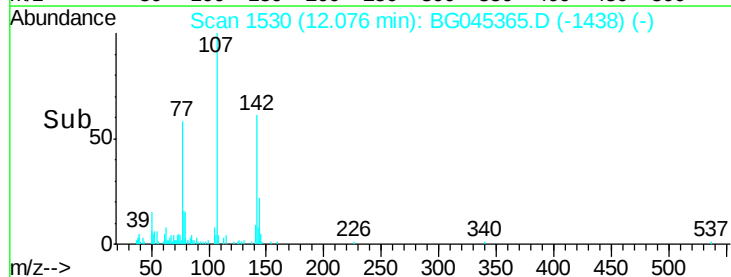
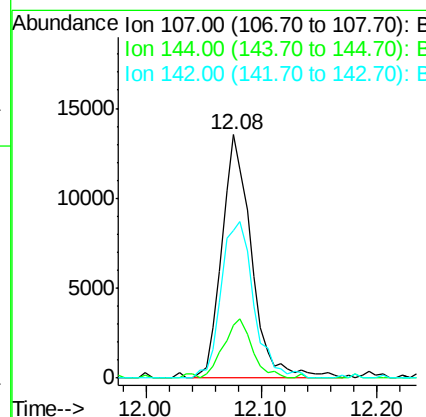
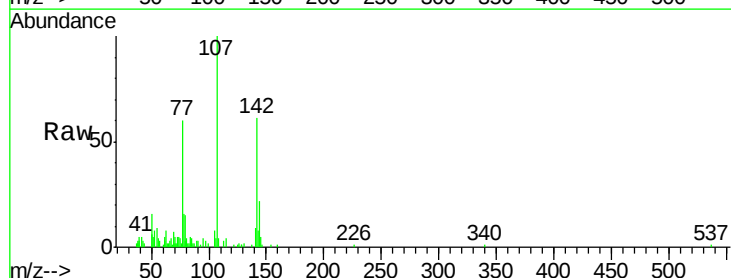
Instrument :
BNA_G
ClientSampleId :

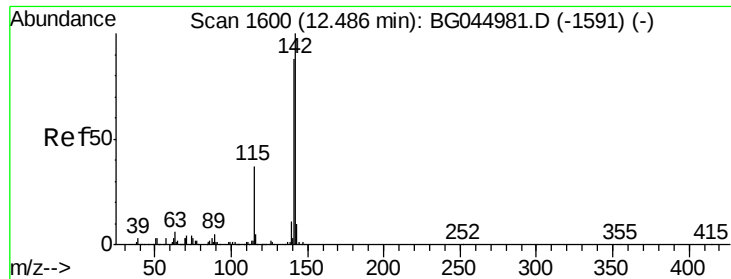
Tot Ion:113 Resp: 6822
Ion Ratio Lower Upper
113 100
55 145.5 118.8 158.8
56 90.7 82.6 122.6



#36
4-Chloro-3-methylphenol
Concen: 3.625 ng
RT: 12.08 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion:107 Resp: 24106
Ion Ratio Lower Upper
107 100
144 21.8 19.8 29.6
142 60.8 59.7 89.5

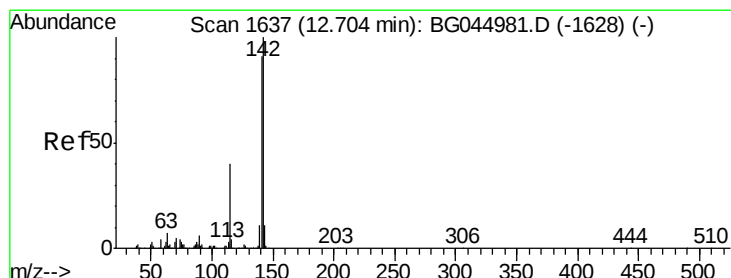
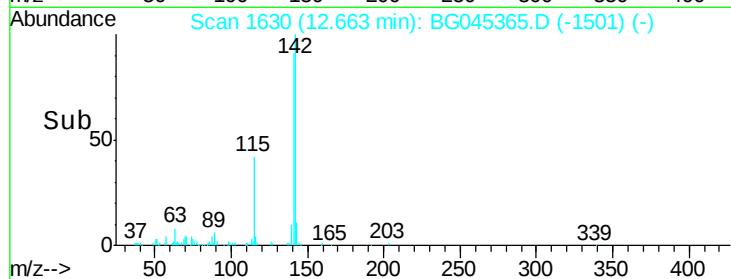
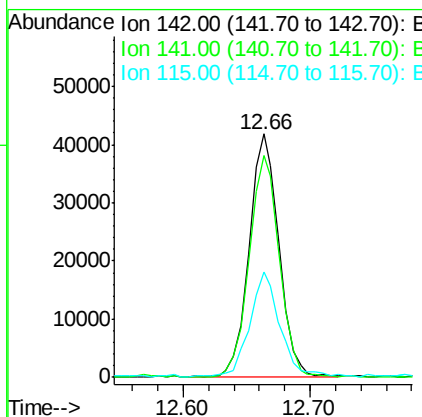
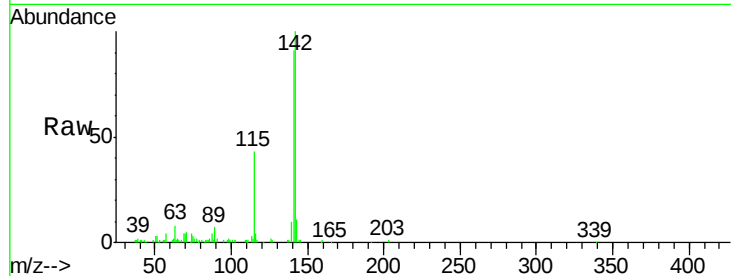




#37
 2-Methylnaphthalene
 Concen: 5.062 ng
 RT: 12.66 min Scan# 1630
 Delta R.T. 0.23 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

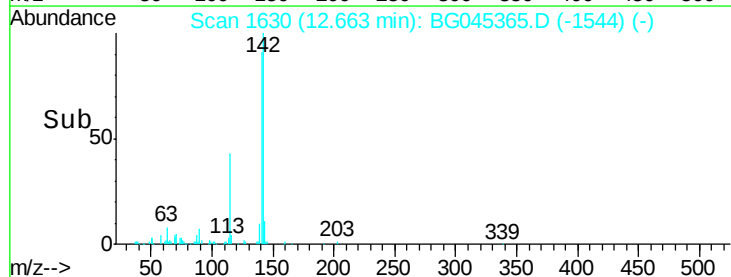
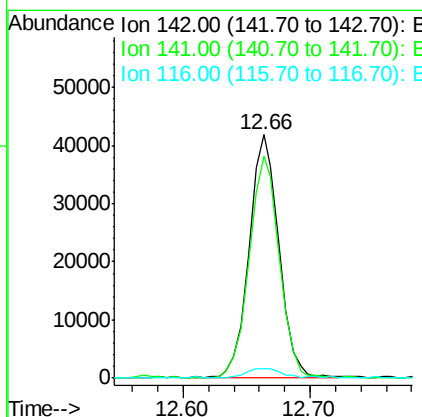
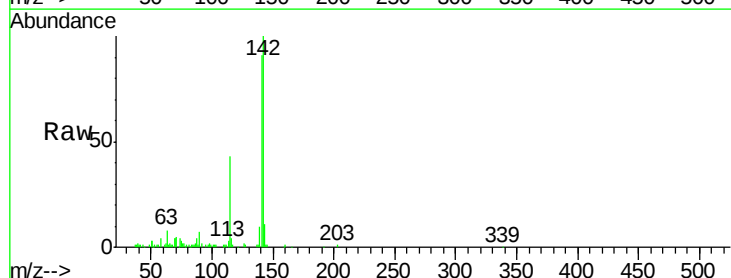
Instrument :
 BNA_G
 ClientSampleId :

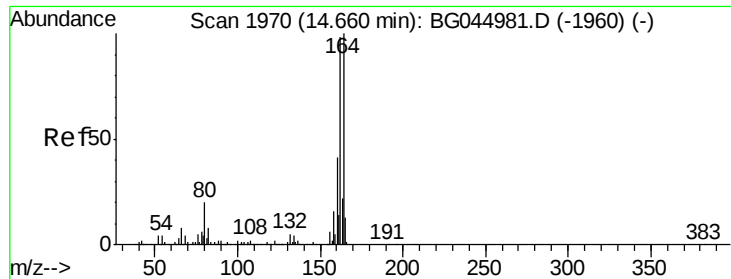
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.3	105.5
115	43.1	29.8	44.6



#38
 1-Methylnaphthalene
 Concen: 5.362 ng
 RT: 12.66 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.7	109.1
116	4.1	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: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

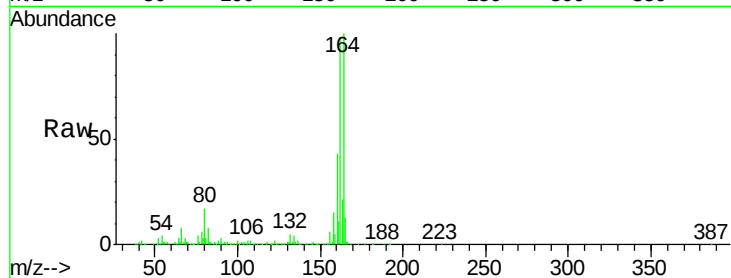
Tot Ion:164 Resp: 220019

Ion Ratio Lower Upper

164 100

162 97.8 78.7 118.1

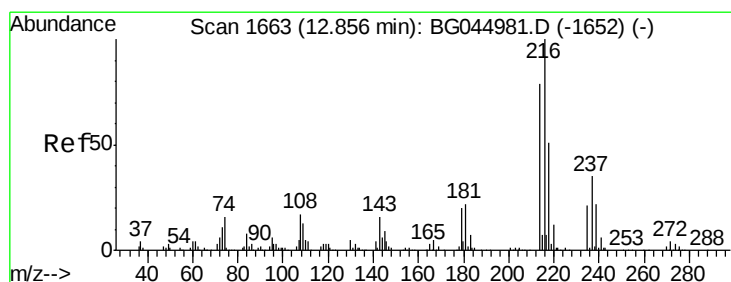
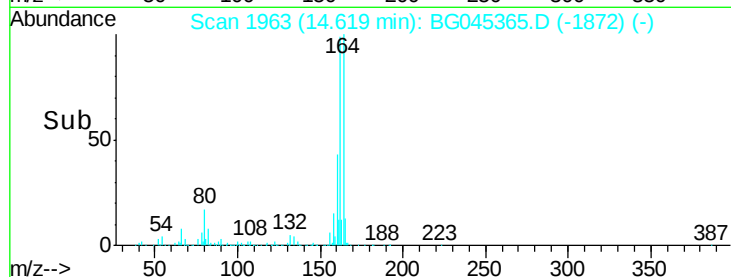
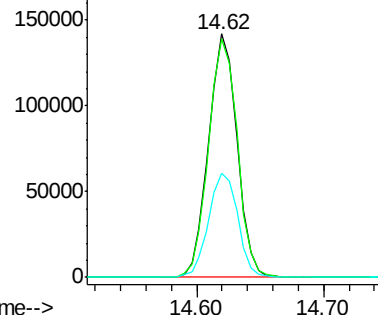
160 42.9 32.8 49.2



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: 3.817 ng

RT: 12.82 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:216 Resp: 27038

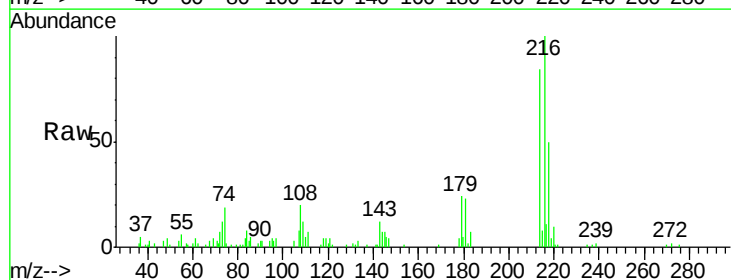
Ion Ratio Lower Upper

216 100

214 80.0 63.0 94.6

179 22.8 15.8 23.8

108 17.8 14.2 21.2

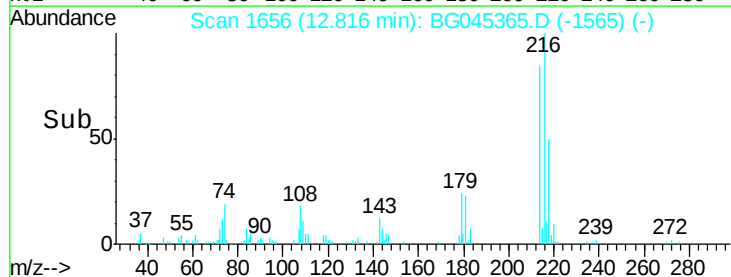
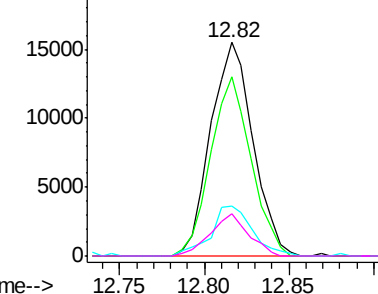


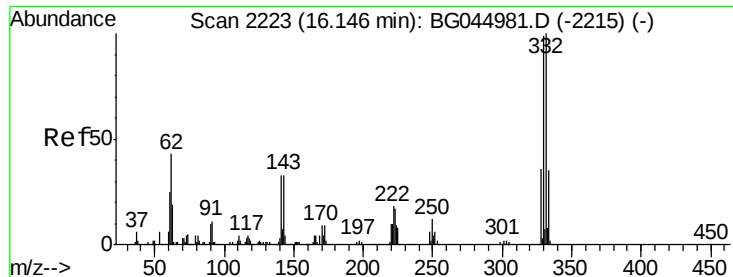
Abundance Ion 216.00 (215.70 to 216.70): E

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

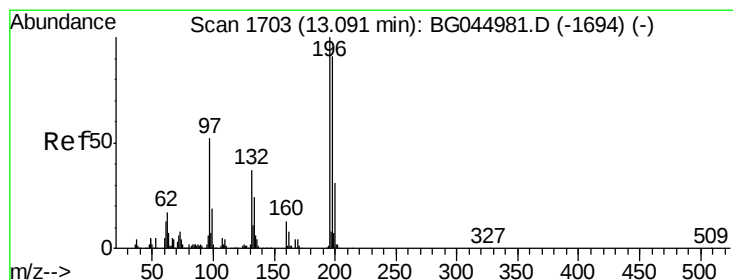
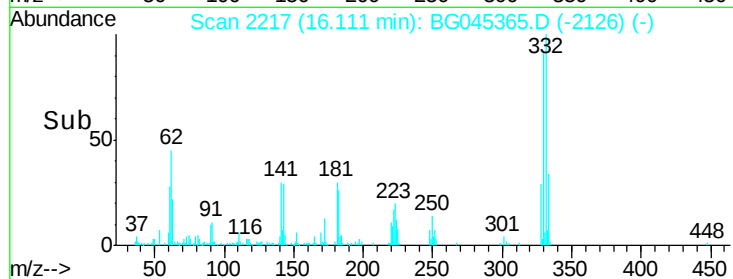
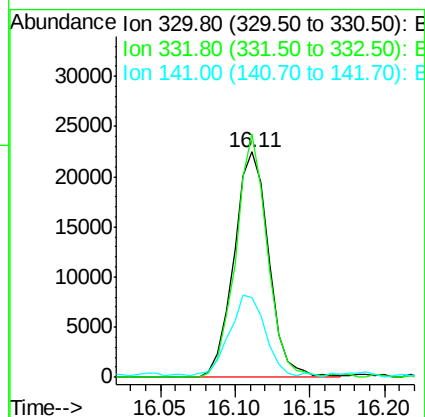
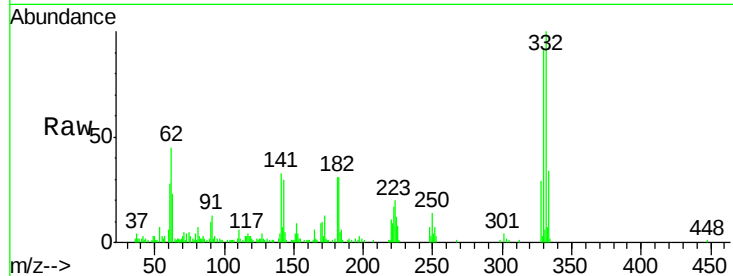




#42
 2,4,6-Tribromophenol
 Concen: 10.778 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

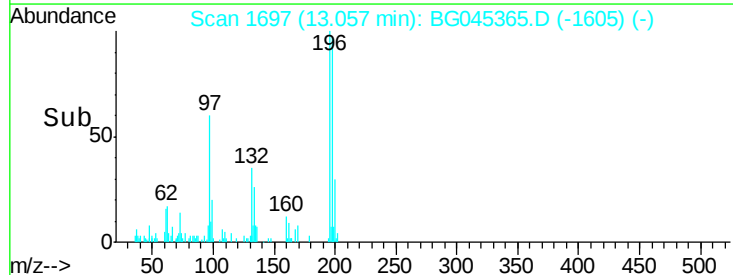
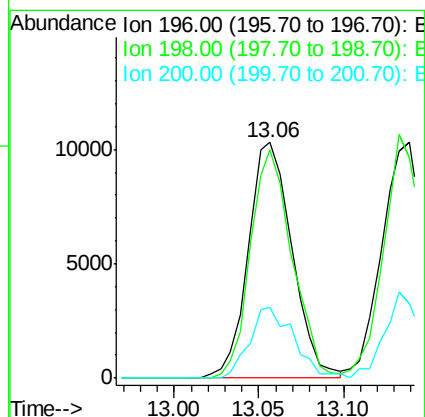
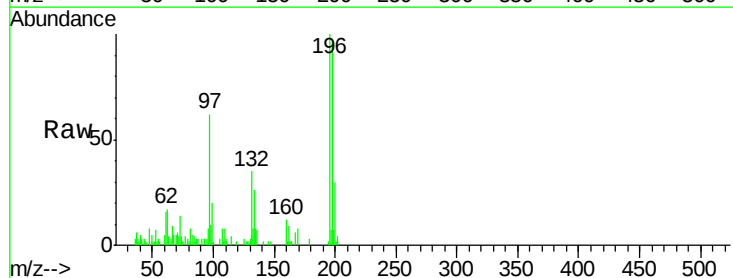
Instrument :
 BNA_G
 ClientSampleId :

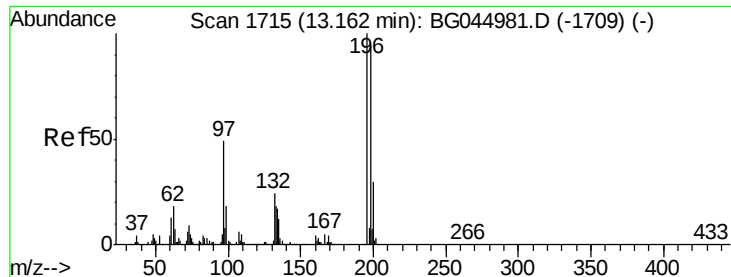
Tot Ion:330 Resp: 36634
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.1 118.7
 141 38.8 27.1 40.7



#43
 2,4,6-Trichlorophenol
 Concen: 3.723 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion:196 Resp: 18615
 Ion Ratio Lower Upper
 196 100
 198 96.7 72.5 108.7
 200 29.9 24.5 36.7

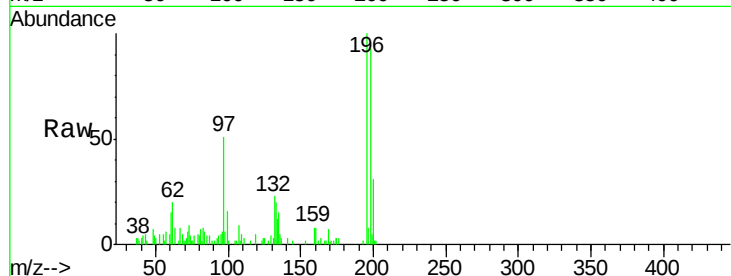




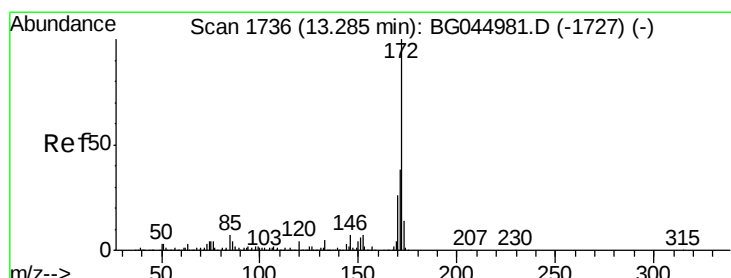
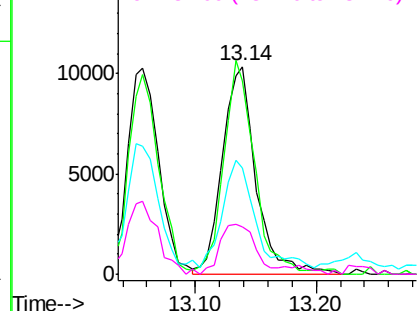
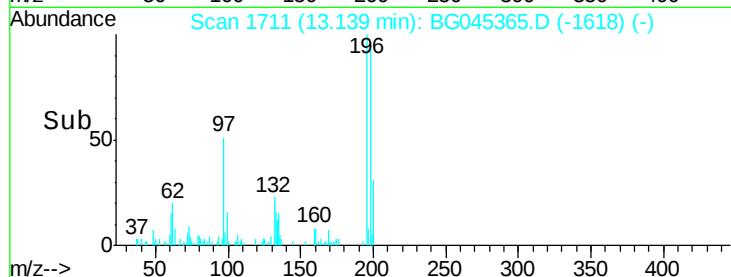
#44
 2,4,5-Trichlorophenol
 Concen: 3.501 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	19922
Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.7	113.5
97	51.1	39.6	59.4
132	22.6	19.6	29.4

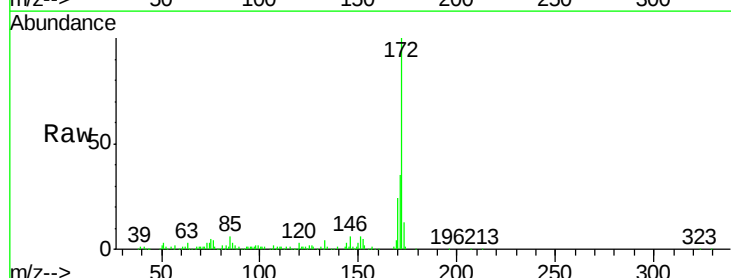


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

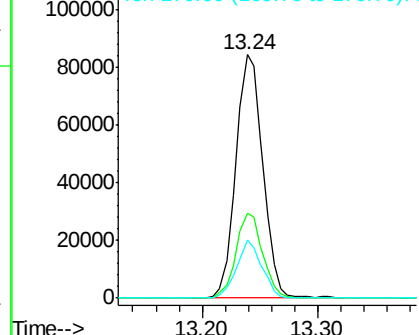
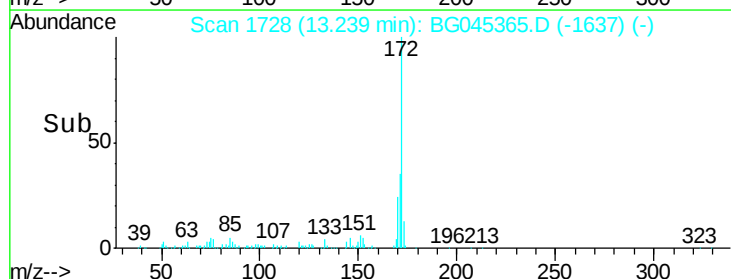


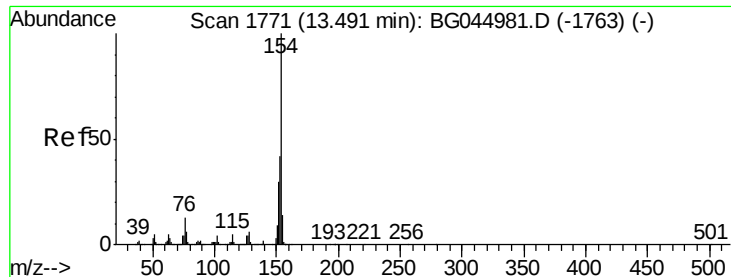
#45
 2-Fluorobiphenyl
 Concen: 9.047 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion:	172	Resp:	135755
Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.6	46.0
170	23.9	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

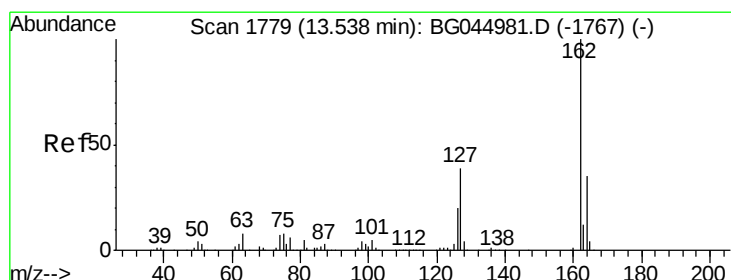
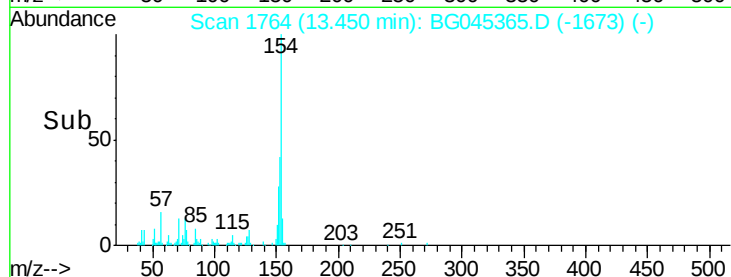
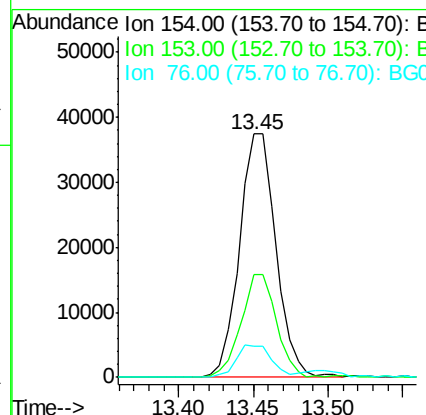
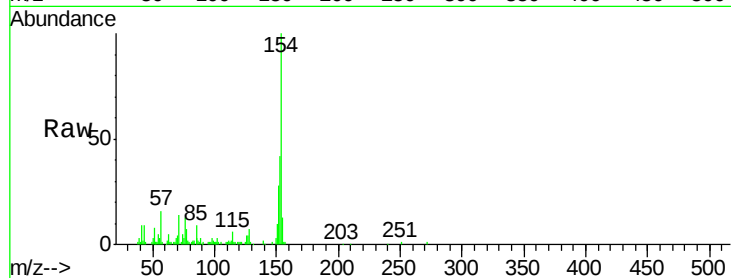




#46
 1,1'-Biphenyl
 Concen: 3.798 ng
 RT: 13.45 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

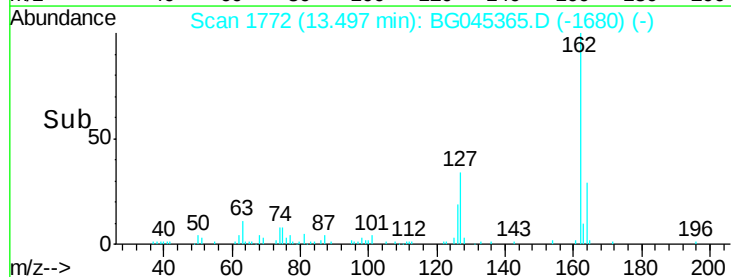
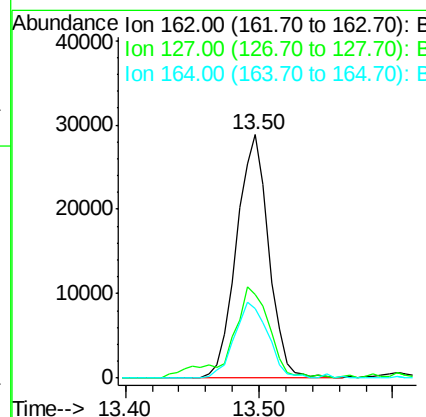
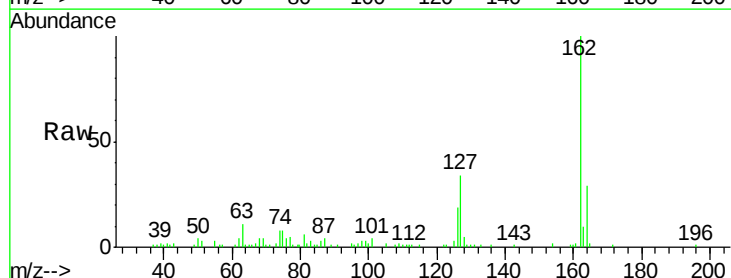
Instrument :
 BNA_G
 ClientSampleId :

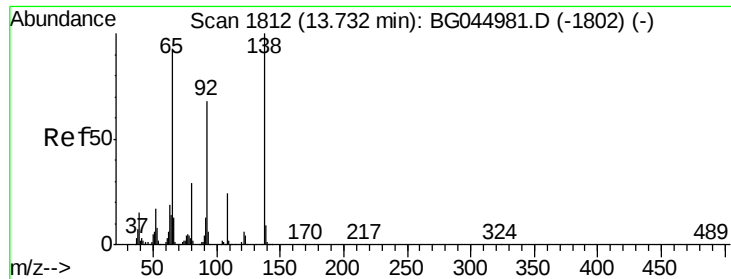
Tot Ion:	154	Resp:	63507
Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	13.0	0.0	33.1



#47
 2-Chloronaphthalene
 Concen: 3.774 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion:	162	Resp:	48224
Ion	Ratio	Lower	Upper
162	100		
127	34.4	31.3	46.9
164	28.7	27.8	41.8

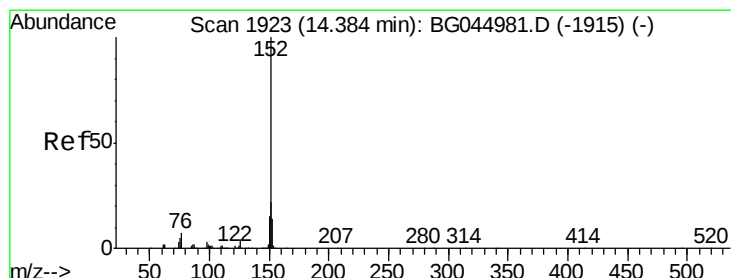
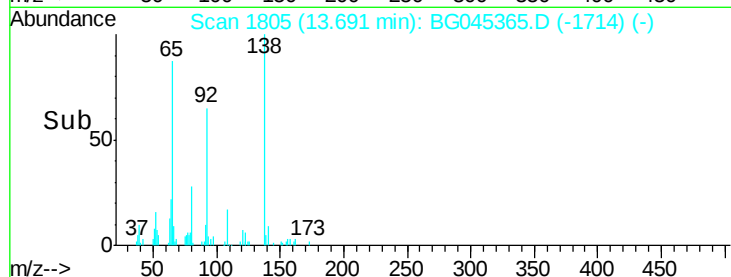
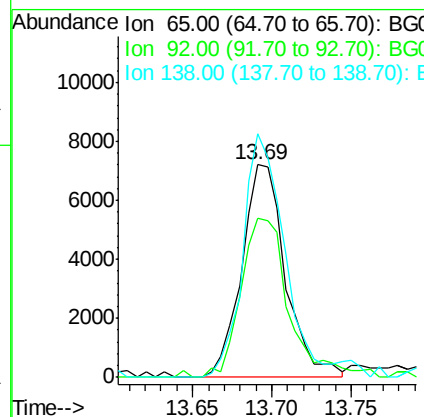
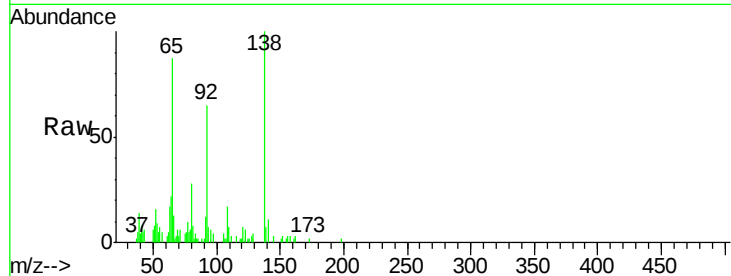




#48
2-Nitroaniline
Concen: 3.283 ng
RT: 13.69 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

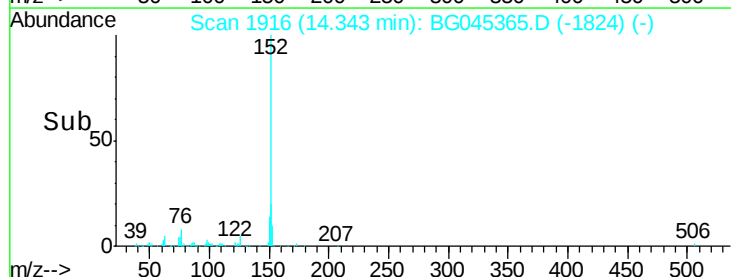
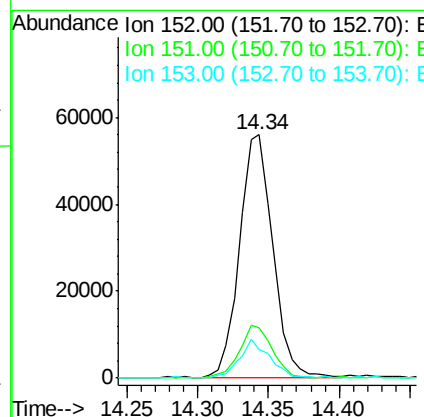
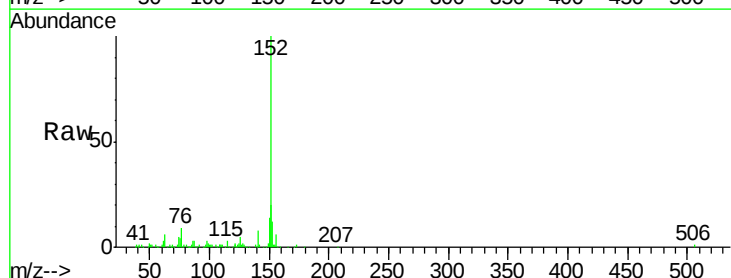
Instrument :
BNA_G
ClientSampleId :

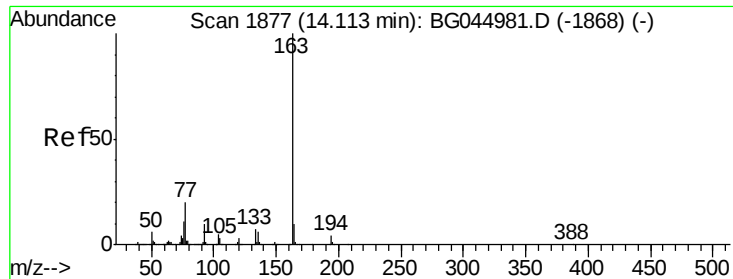
Tot Ion: 65 Resp: 13801
Ion Ratio Lower Upper
65 100
92 74.9 58.3 87.5
138 114.6 85.6 128.4



#49
Acenaphthylene
Concen: 4.455 ng
RT: 14.34 min Scan# 1916
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion: 152 Resp: 92729
Ion Ratio Lower Upper
152 100
151 20.5 17.2 25.8
153 11.7 11.0 16.4





#50

Dimethylphthalate

Concen: 4.641 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BG045365.D

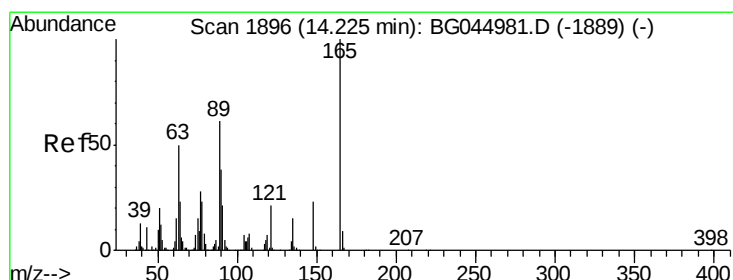
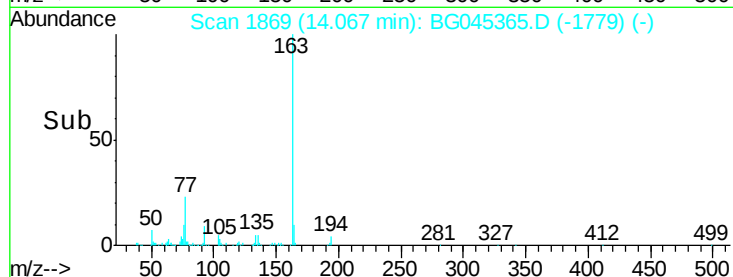
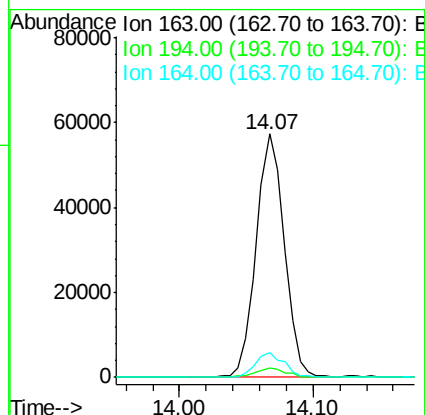
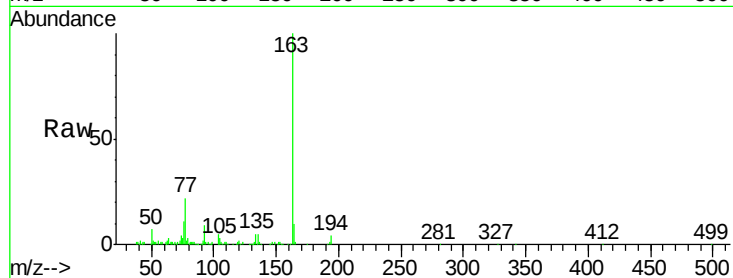
Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:163	Resp:	83152
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.5 5.3
164	10.0	8.2 12.4



#51

2,6-Dinitrotoluene

Concen: 3.343 ng

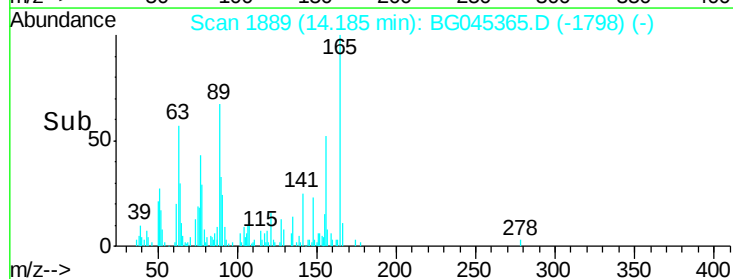
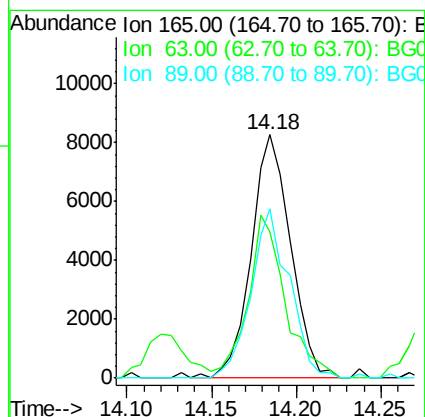
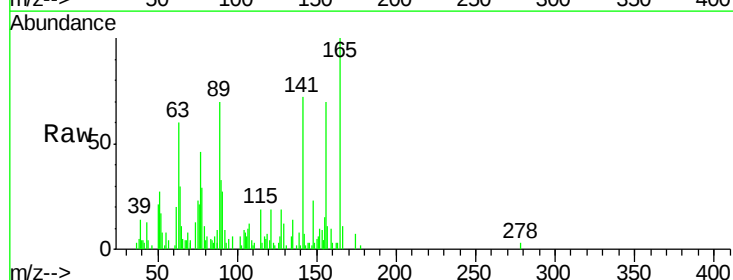
RT: 14.18 min Scan# 1889

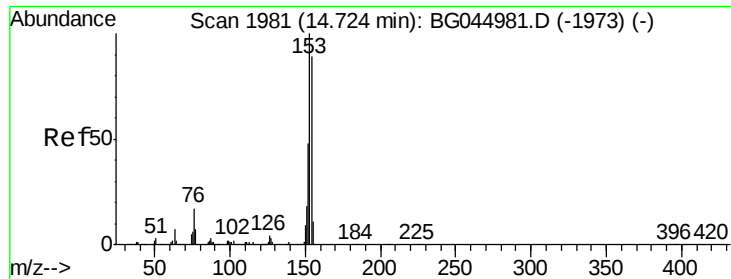
Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:165	Resp:	13394
Ion Ratio	Lower	Upper
165	100	
63	60.3	40.4 60.6
89	69.5	49.1 73.7





#52

Acenaphthene

Concen: 5.504 ng

RT: 14.68 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

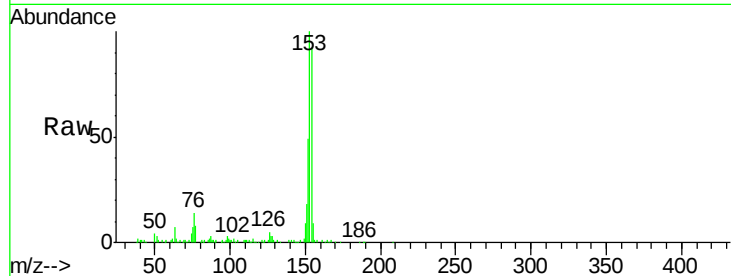
Tot Ion:154 Resp: 77510

Ion Ratio Lower Upper

154 100

153 109.2 89.7 134.5

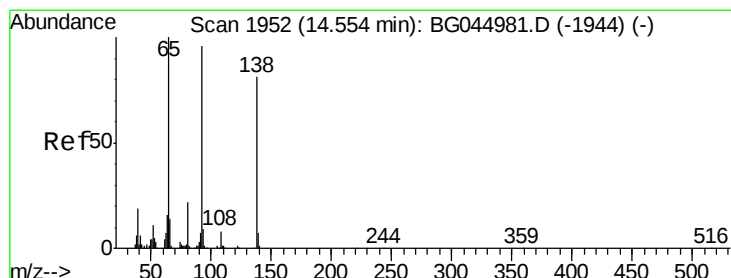
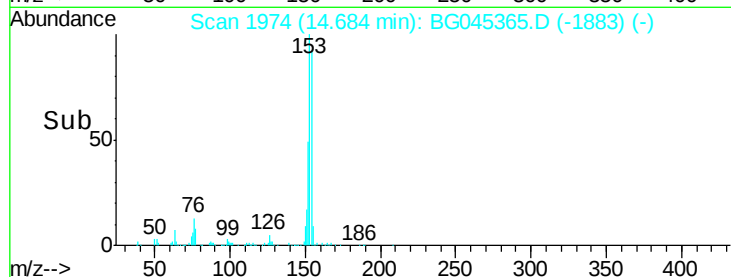
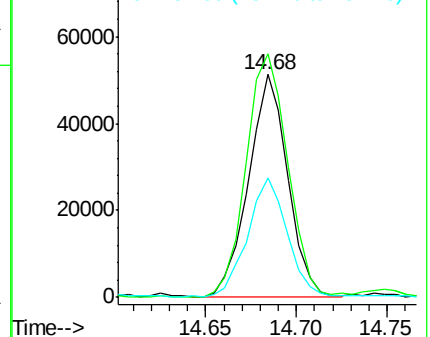
152 53.7 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 2.323 ng

RT: 14.52 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

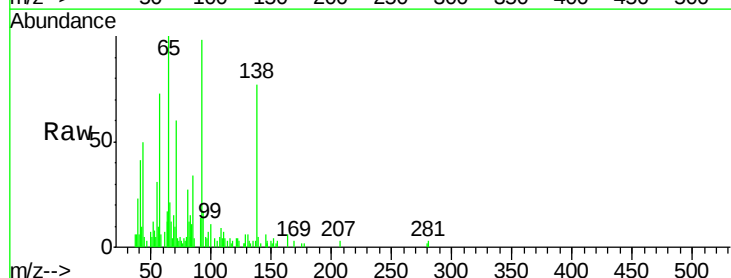
Tgt Ion:138 Resp: 10207

Ion Ratio Lower Upper

138 100

108 11.0 7.8 11.8

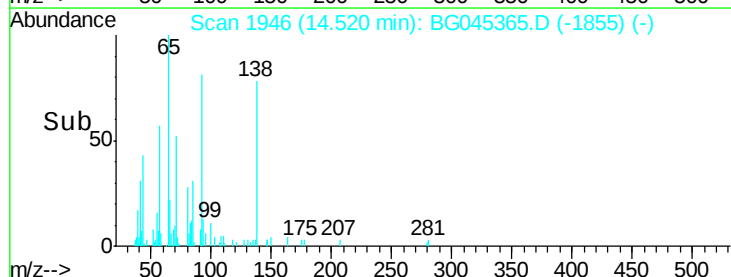
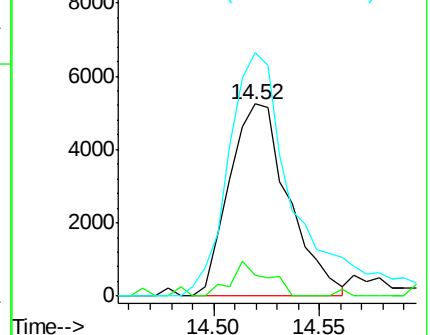
92 126.6 94.5 141.7

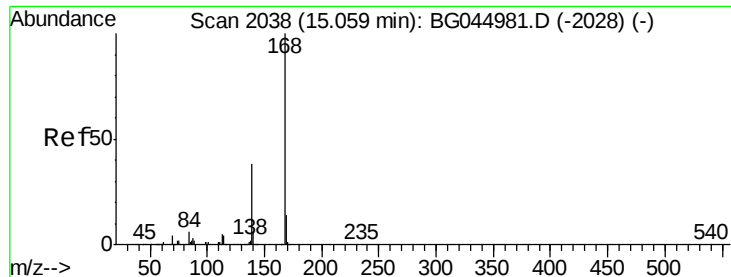


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

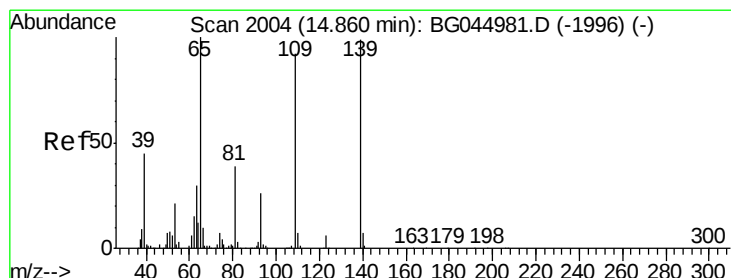
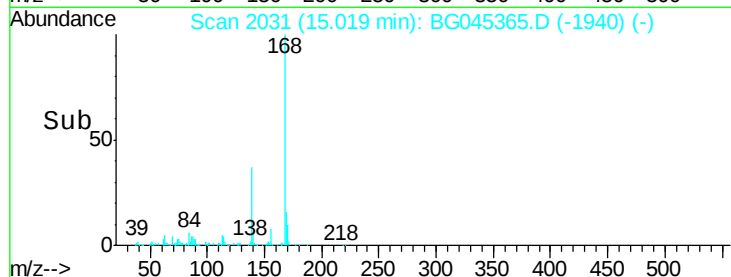
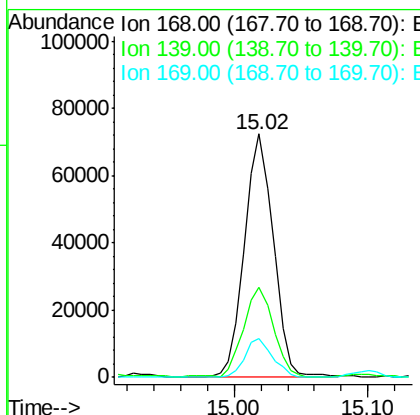
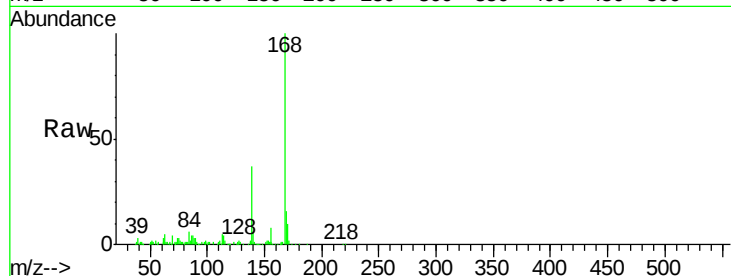




#55
Dibenzenofuran
Concen: 5.282 ng
RT: 15.02 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

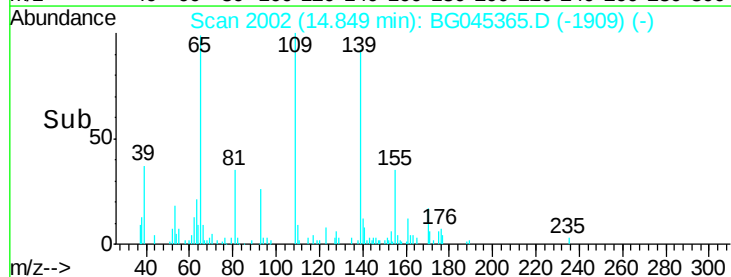
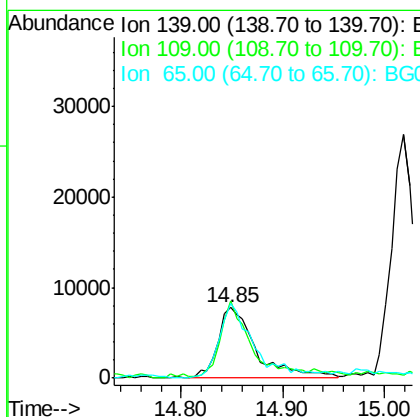
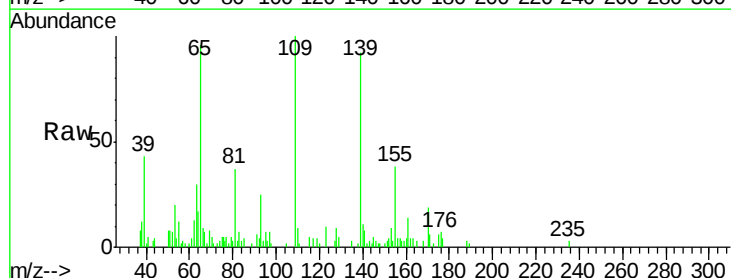
Instrument :
BNA_G
ClientSampleId :

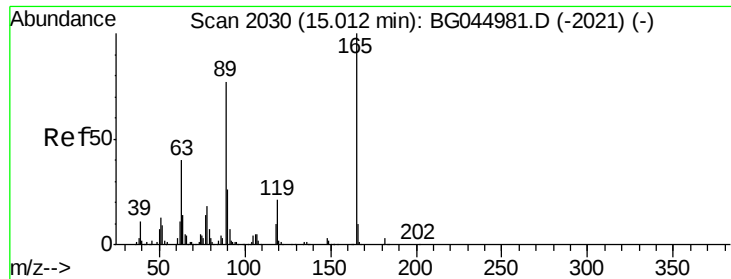
Tot Ion	168	Resp	108437
Ion Ratio	100	Lower	Upper
139	37.2	30.4	45.6
169	15.7	11.0	16.4



#56
4-Nitrophenol
Concen: 6.034 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	139	Resp	20560
Ion Ratio	100	Lower	Upper
109	109.2	73.6	113.6
65	104.9	81.2	121.2

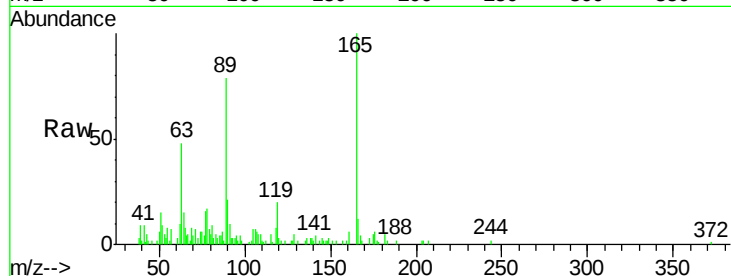




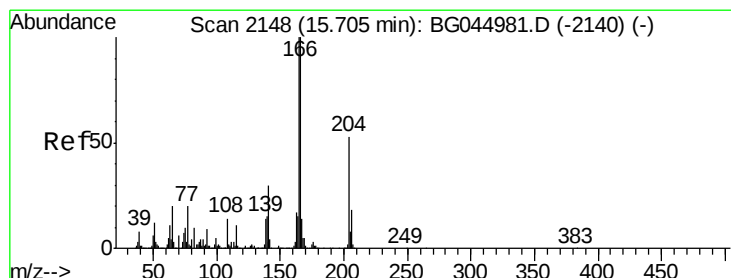
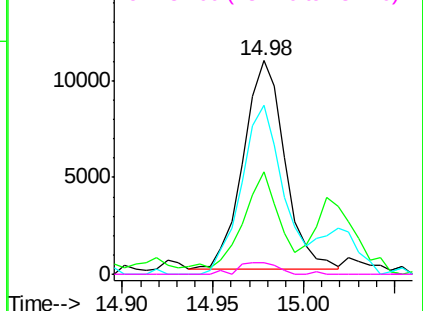
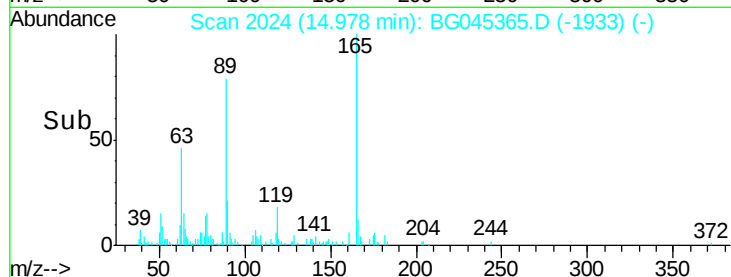
#57
2,4-Dinitrotoluene
Concen: 2.958 ng
RT: 14.98 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 17322
Ion Ratio Lower Upper
165 100
63 47.9 32.2 48.2
89 79.1 61.7 92.5
182 5.2 2.0 3.0#

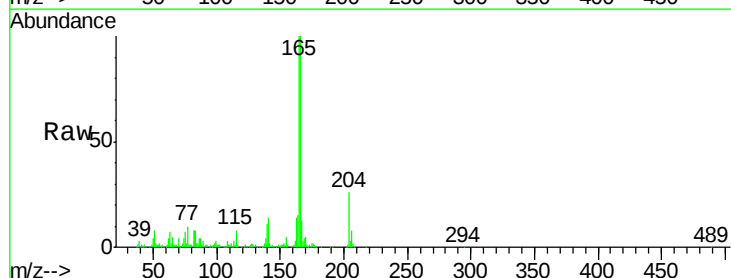


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

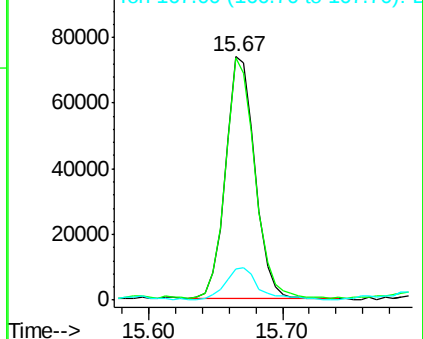
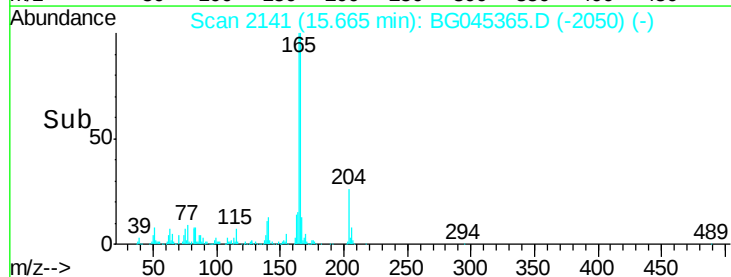


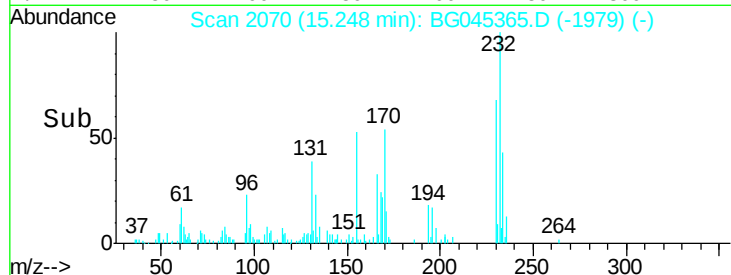
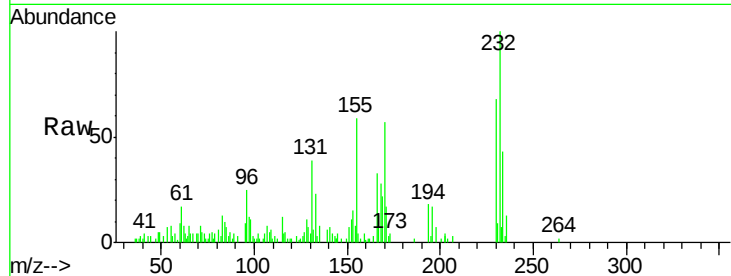
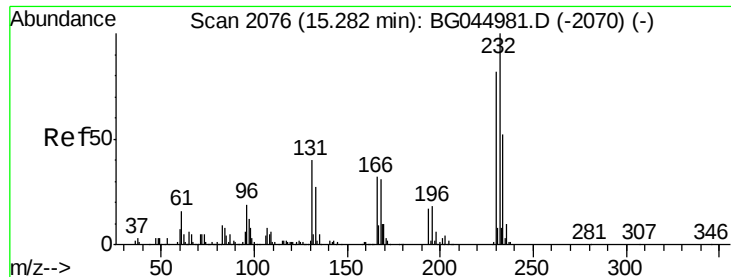
#58
Fluorene
Concen: 6.785 ng
RT: 15.67 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion:166 Resp: 113779
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 12.9 11.4 17.0



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

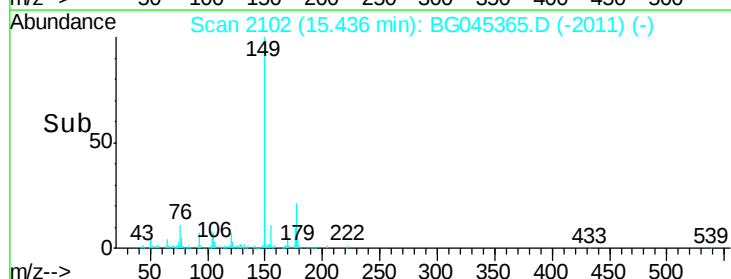
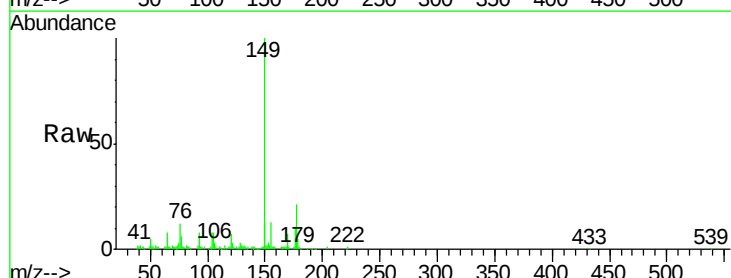
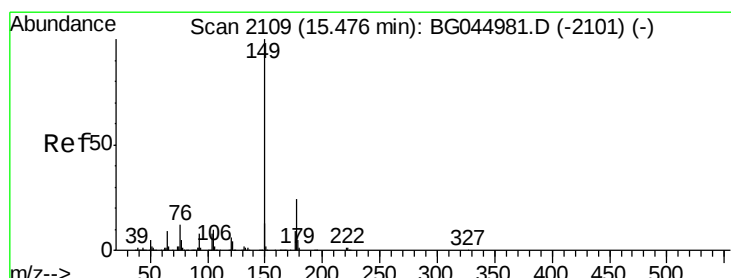
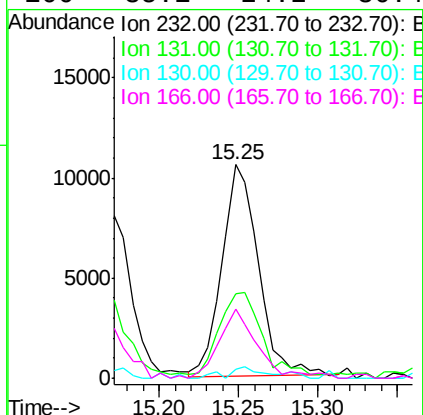




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.310 ng
RT: 15.25 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

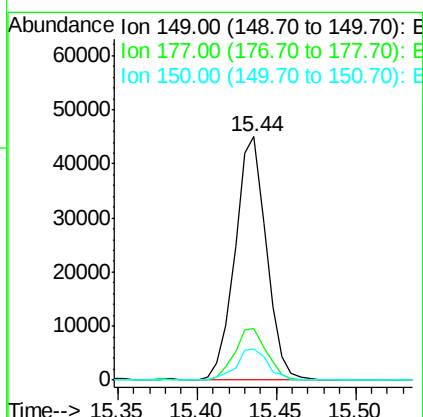
Instrument :
BNA_G
ClientSampleId :

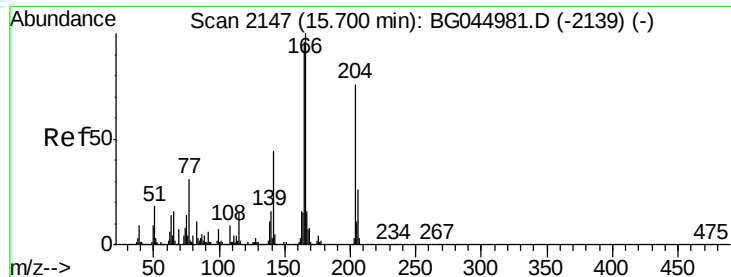
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	32.2	48.2
130	4.7	2.2	3.2
166	35.1	24.2	36.4



#60
Diethylphthalate
Concen: 3.294 ng
RT: 15.44 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	18.9	28.3
150	12.8	10.6	15.8

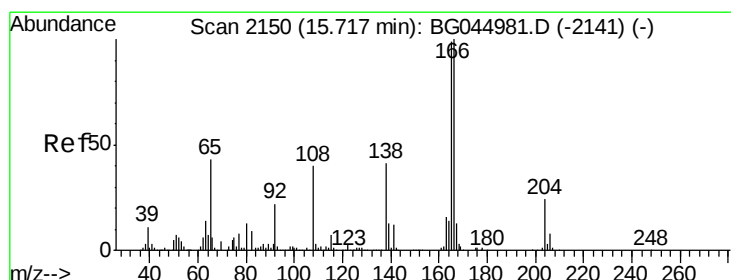
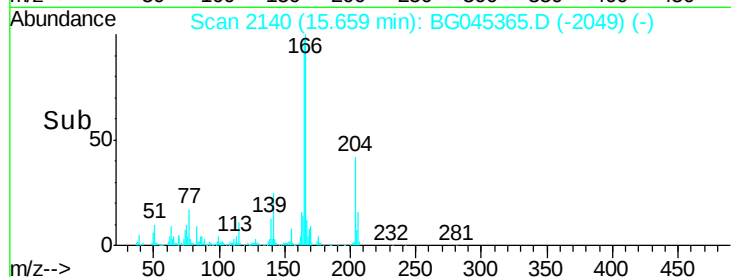
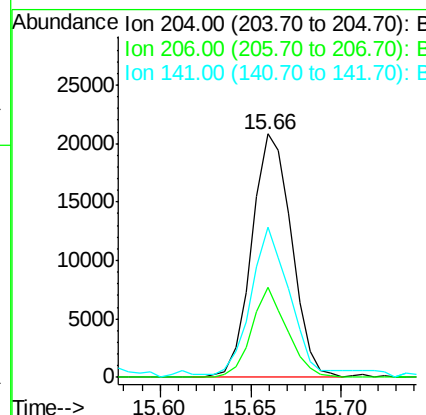
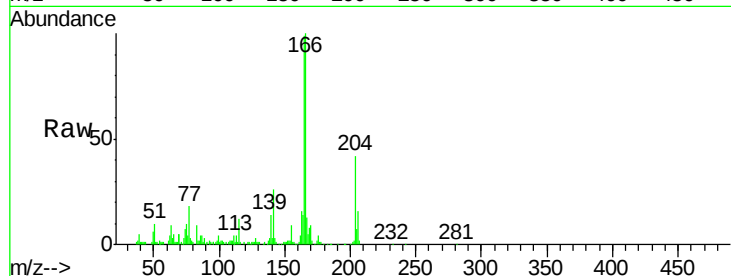




#61
4-Chlorophenyl-phenylether
Concen: 3.286 ng
RT: 15.66 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

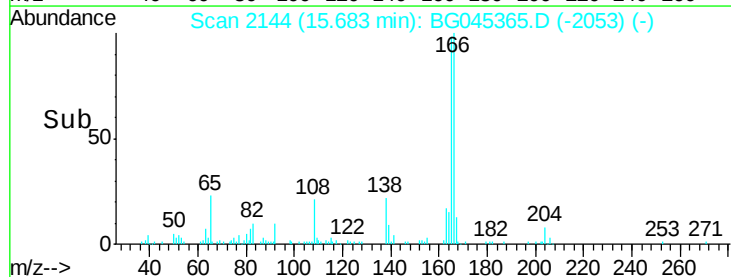
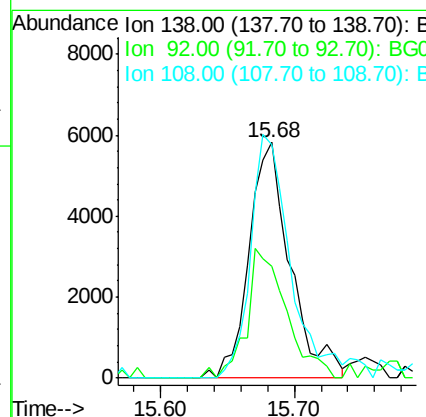
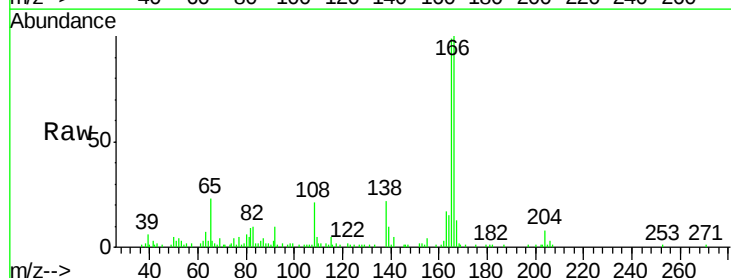
Instrument :
BNA_G
ClientSampled :

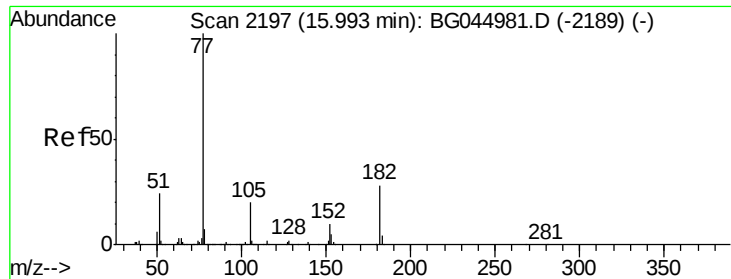
Tot Ion:204 Resp: 31720
Ion Ratio Lower Upper
204 100
206 37.0 26.9 40.3
141 61.6 46.3 69.5



#62
4-Nitroaniline
Concen: 2.711 ng
RT: 15.68 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion:138 Resp: 12356
Ion Ratio Lower Upper
138 100
92 47.4 33.6 73.6
108 99.2 78.2 118.2





#63

Azobenzene

Concen: 3.589 ng

RT: 15.95 min Scan# 2190

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 61808

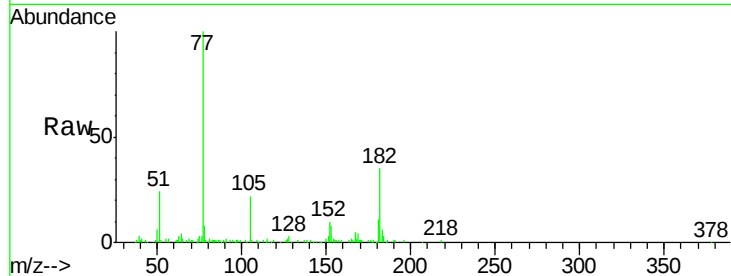
Ion Ratio Lower Upper

77 100

182 34.6 8.4 48.4

105 21.6 0.5 40.5

51 23.5 4.4 44.4

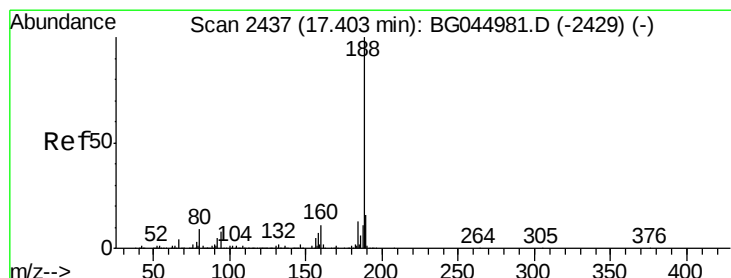
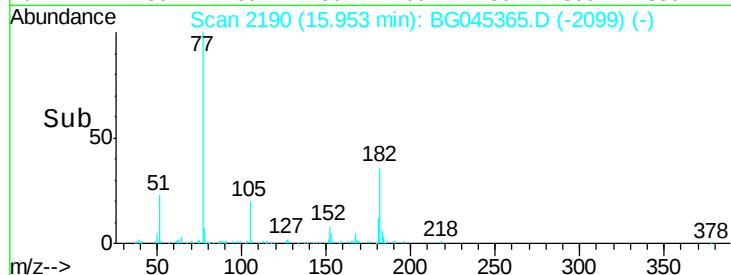
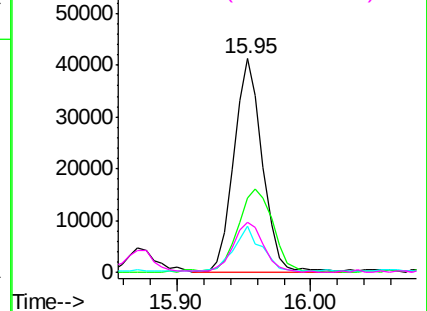


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2431

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

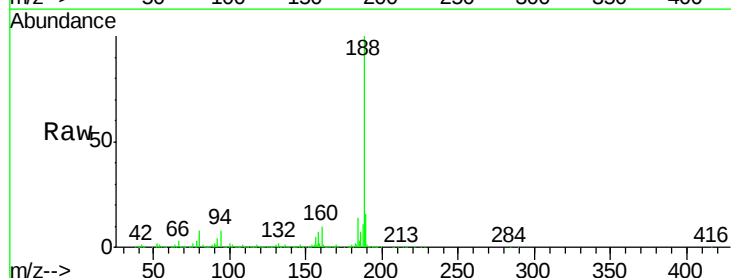
Tgt Ion: 188 Resp: 457043

Ion Ratio Lower Upper

188 100

94 7.5 6.2 9.4

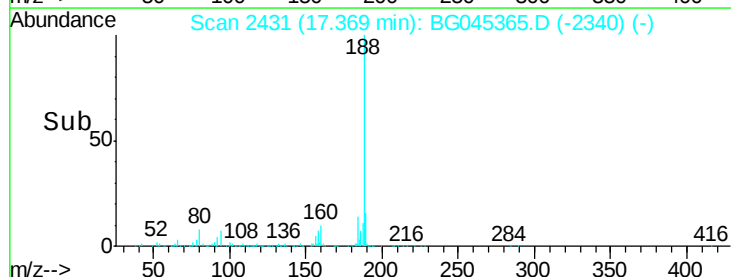
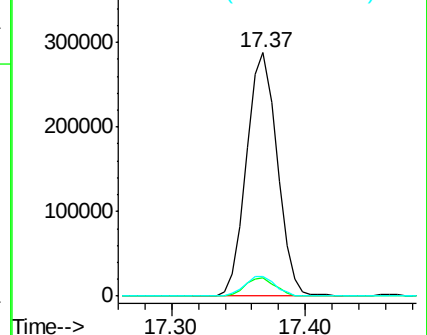
80 8.2 7.0 10.6

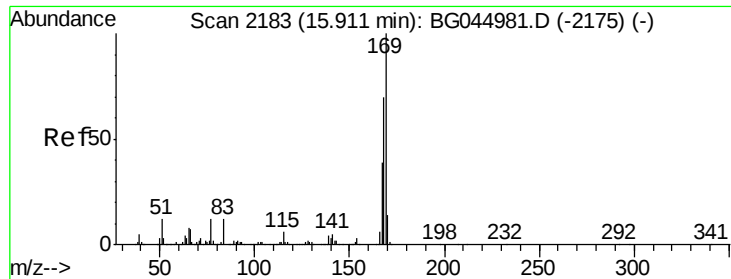


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

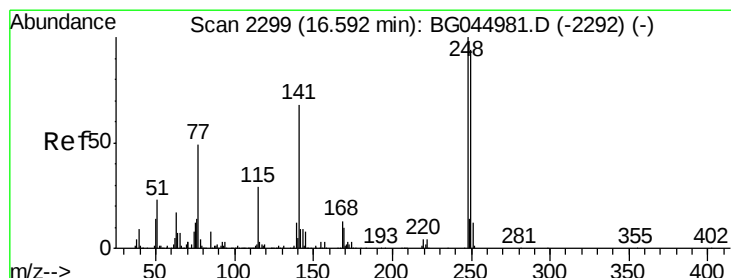
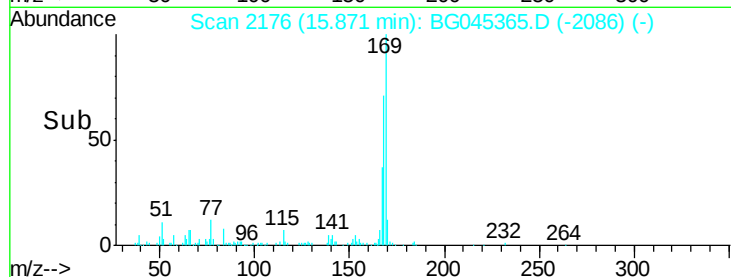
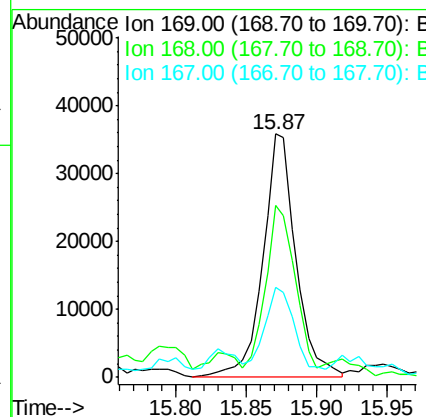
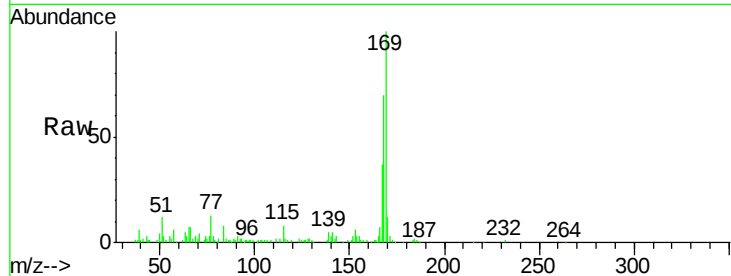




#66
 n-Nitrosodiphenylamine
 Concen: 4.491 ng
 RT: 15.87 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

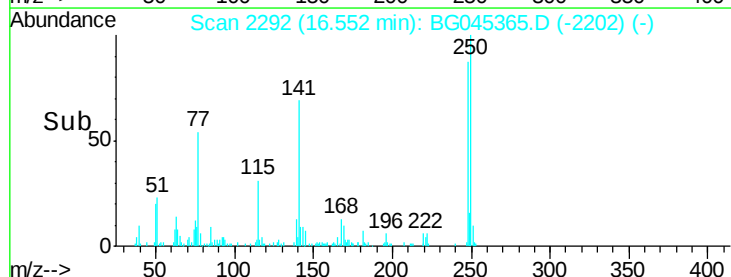
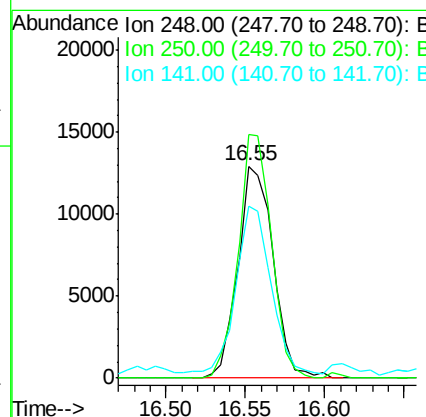
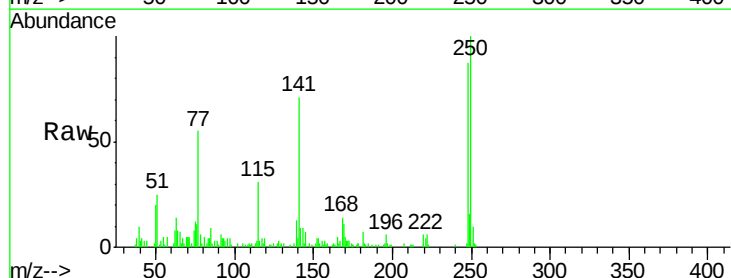
Instrument :
 BNA_G
 ClientSampleId :

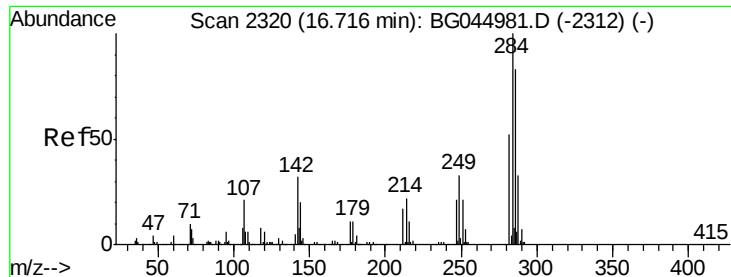
Tot Ion	169	Resp	58980
Ion Ratio	100	Lower	Upper
168	70.5	55.8	83.8
167	37.2	30.8	46.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.379 ng
 RT: 16.55 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	248	Resp	19921
Ion Ratio	100	Lower	Upper
250	114.8	75.4	113.2
141	81.1	54.4	81.6

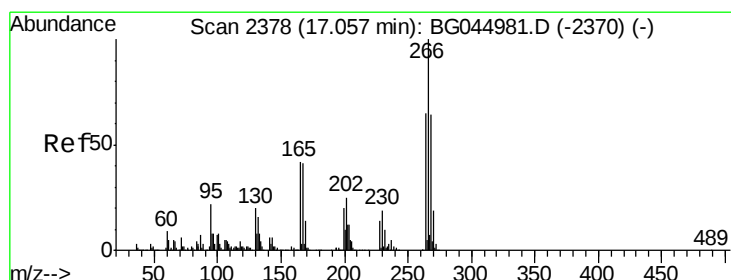
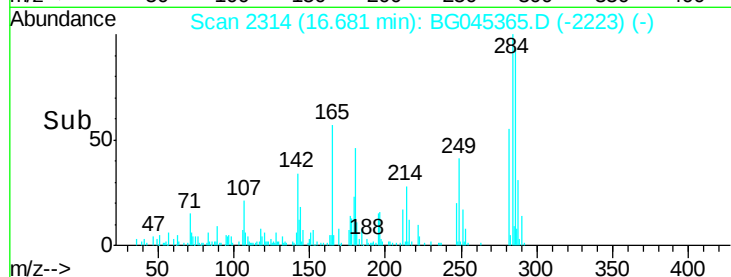
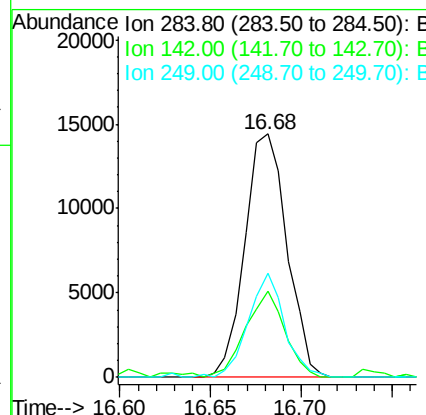
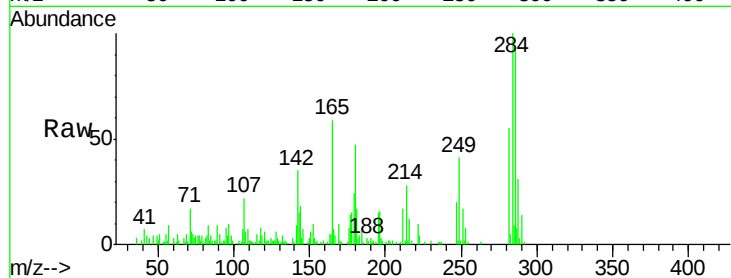




#68
Hexachlorobenzene
Concen: 3.818 ng
RT: 16.68 min Scan# 2314
Delta R.T. 0.00 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

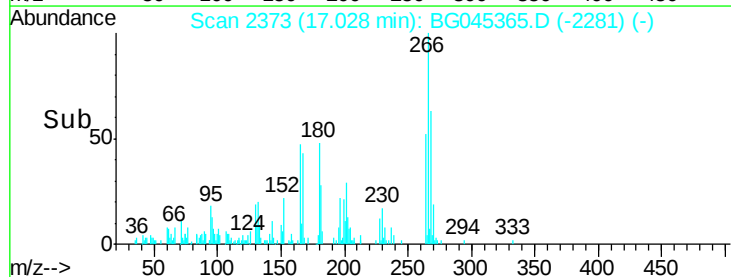
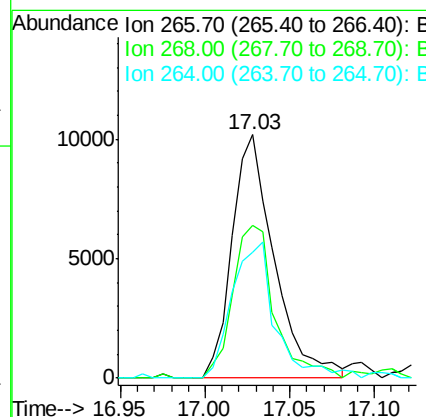
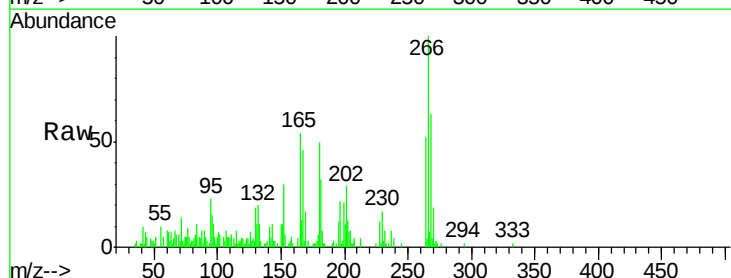
Instrument :
BNA_G
ClientSampled :

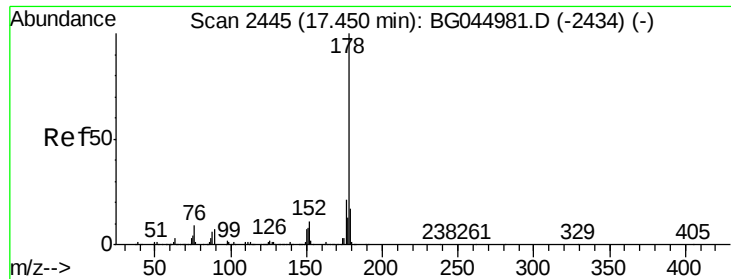
Tot Ion	Ratio	Lower	Upper
284	100		
142	35.5	25.8	38.6
249	42.7	26.6	39.8



#70
Pentachlorophenol
Concen: 4.714 ng
RT: 17.03 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BG045365.D
Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.5	77.3
264	51.9	52.2	78.4





#71

Phenanthrene

Concen: 25.950 ng

RT: 17.41 min Scan# 2438

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

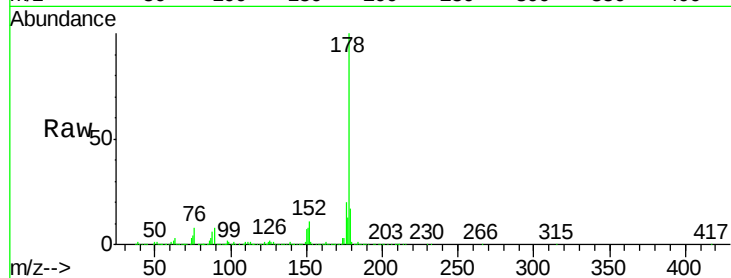
Tot Ion:178 Resp: 609461

Ion Ratio Lower Upper

178 100

176 19.9 16.8 25.2

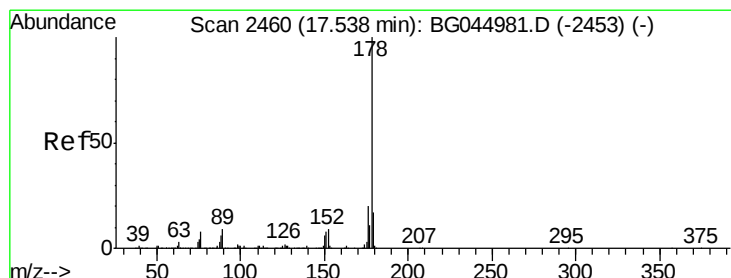
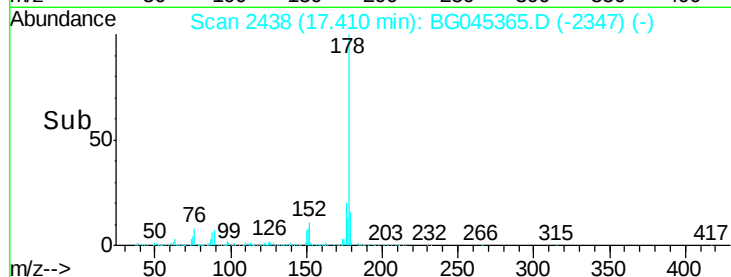
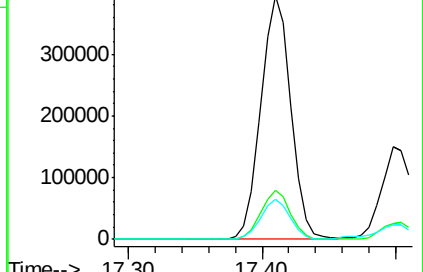
179 16.6 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 9.708 ng

RT: 17.50 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

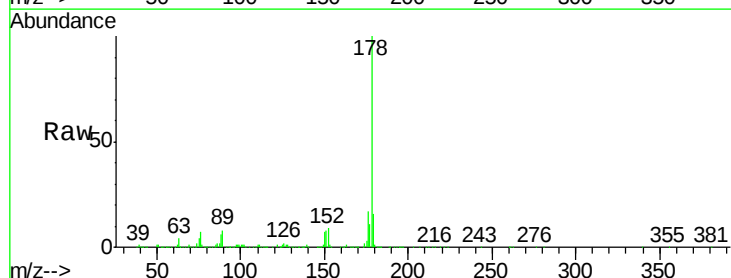
Tgt Ion:178 Resp: 228703

Ion Ratio Lower Upper

178 100

176 17.1 16.0 24.0

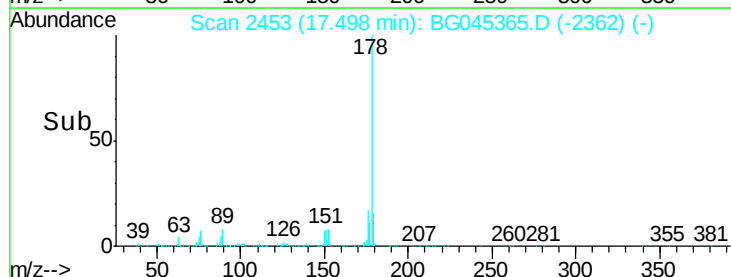
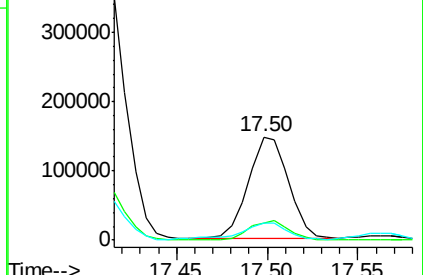
179 15.9 13.6 20.4

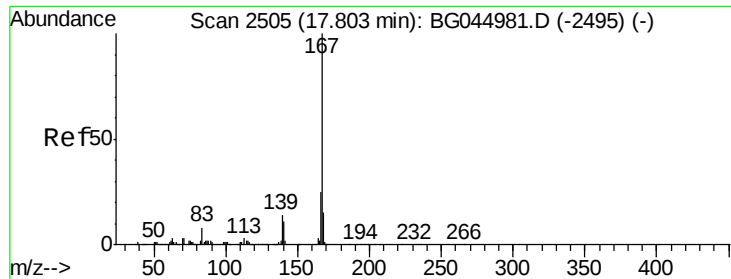


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 5.044 ng

RT: 17.77 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

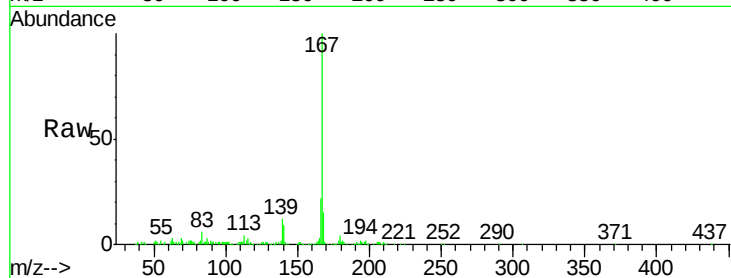
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 120594

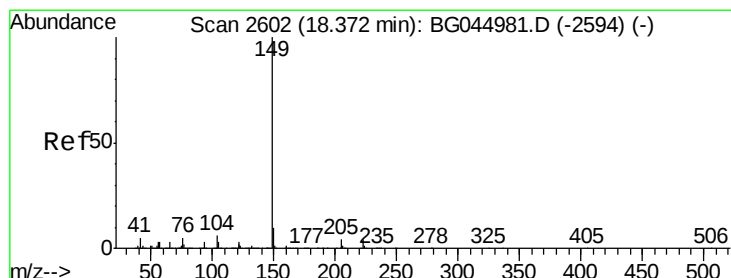
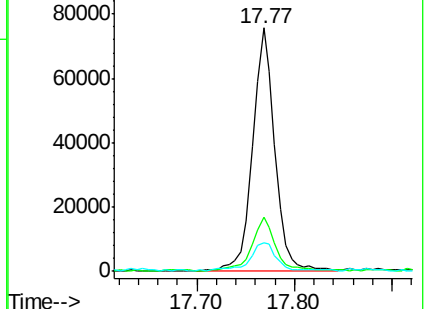
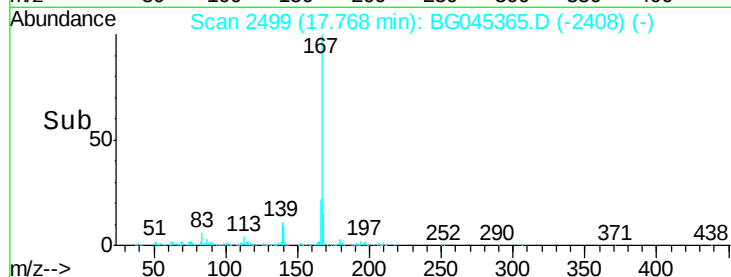
Ion	Ratio	Lower	Upper
167	100		
166	22.4	19.8	29.6
139	11.6	10.9	16.3



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: Below Cal

RT: 18.33 min Scan# 2595

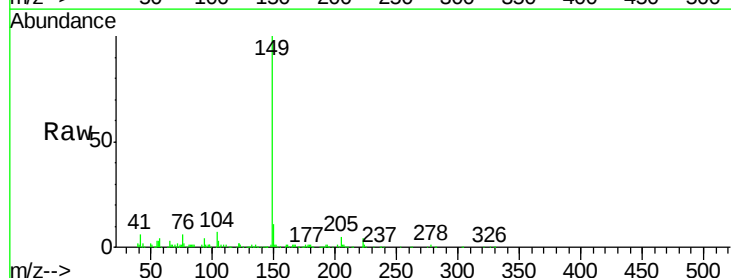
Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Tgt Ion:149 Resp: 96916

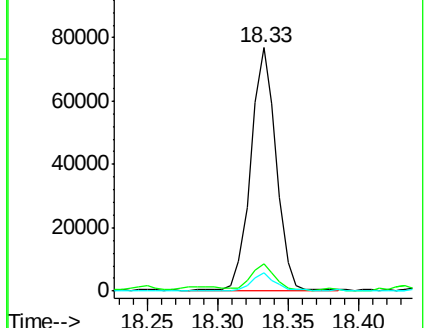
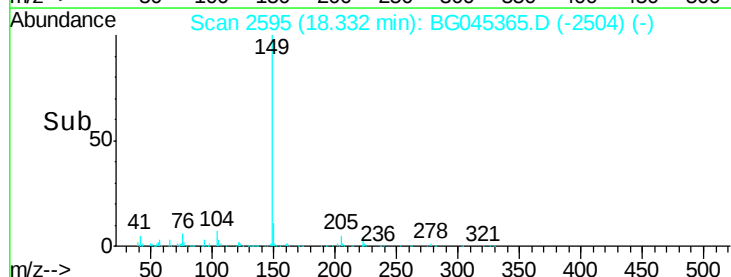
Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.2	12.2
104	7.3	4.8	7.2#

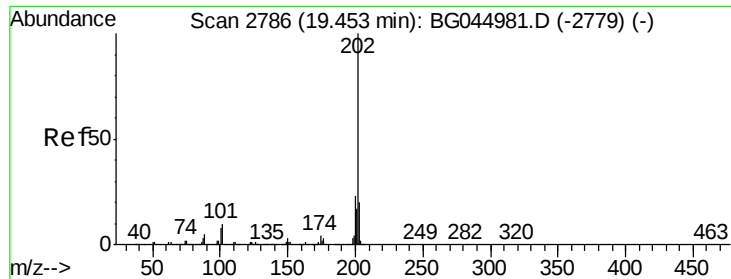


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

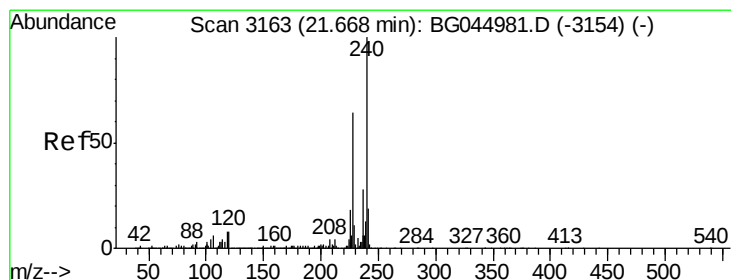
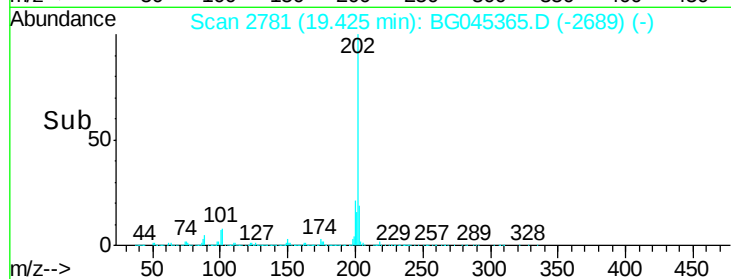
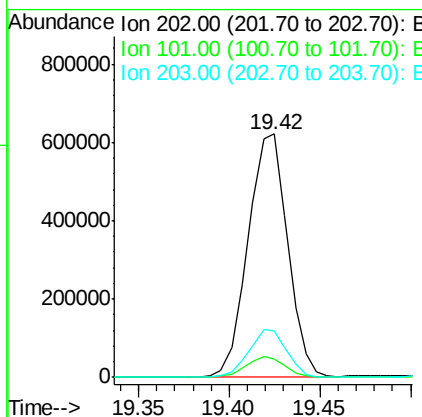
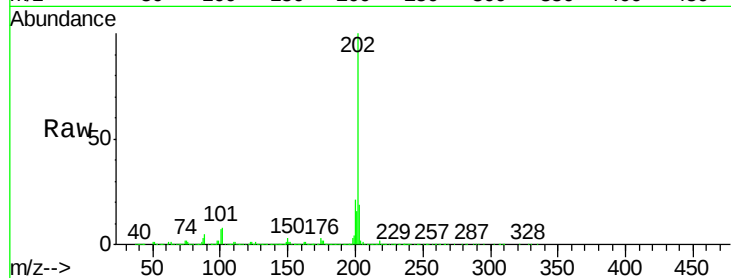




#75
 Fluoranthene
 Concen: 32.405 ng
 RT: 19.42 min Scan# 2781
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

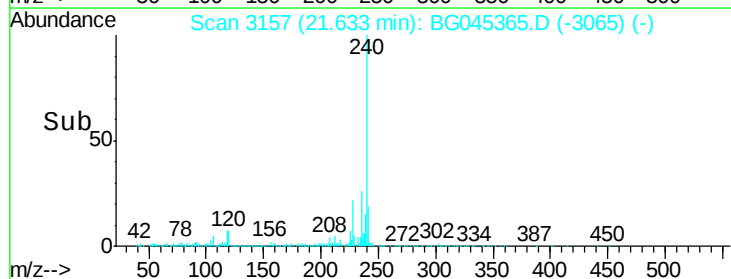
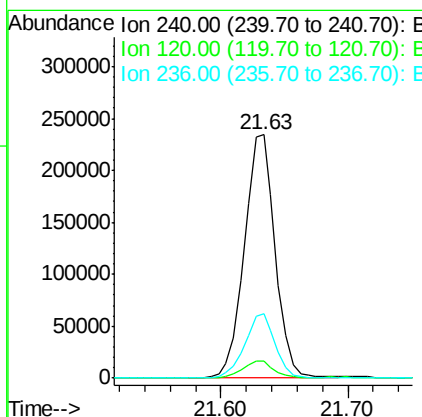
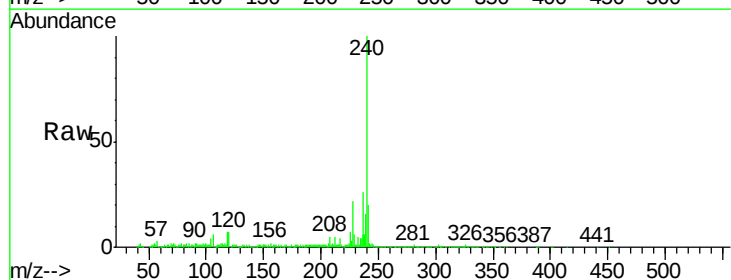
Instrument :
 BNA_G
 ClientSampleId :

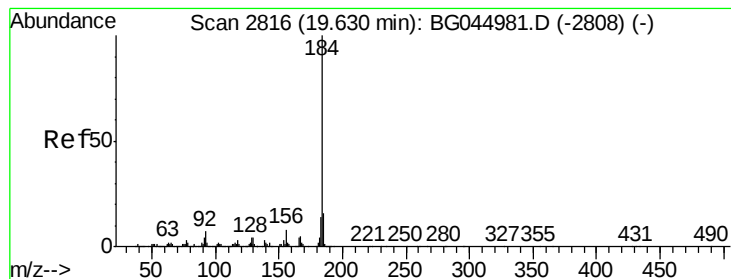
Tot Ion:	202	Resp:	942235
Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.6
203	19.3	0.0	39.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.63 min Scan# 3157
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion:	240	Resp:	391102
Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.6	10.0
236	26.3	22.2	33.2





#77

Benzidine

Concen: Below Cal

RT: 19.60 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

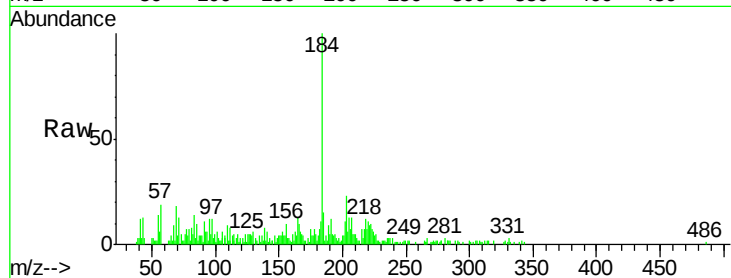
Tot Ion:184 Resp: 23630

Ion Ratio Lower Upper

184 100

185 15.3 12.6 19.0

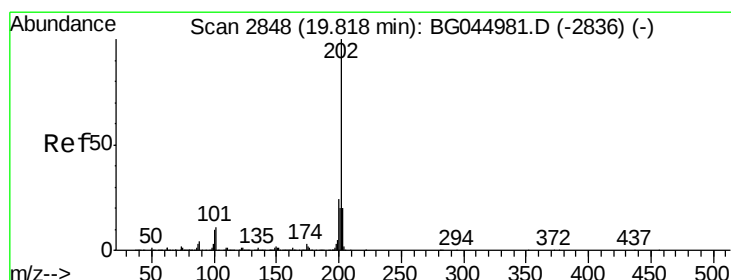
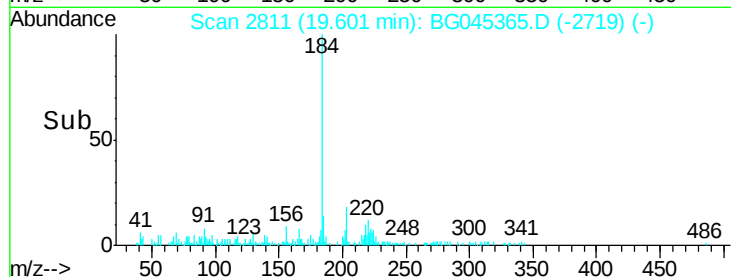
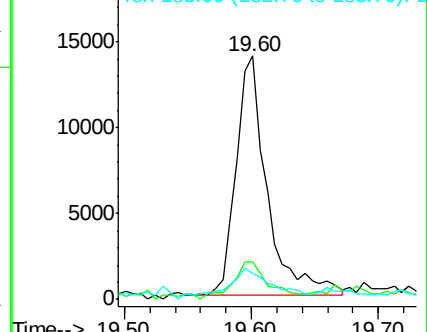
183 10.6 11.3 16.9#



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



#78

Pyrene

Concen: 32.067 ng

RT: 19.78 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

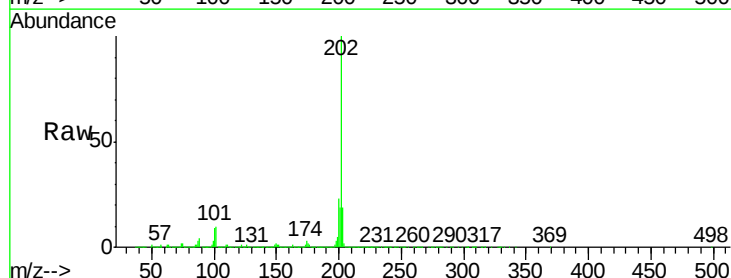
Tgt Ion:202 Resp: 864608

Ion Ratio Lower Upper

202 100

200 22.7 19.0 28.6

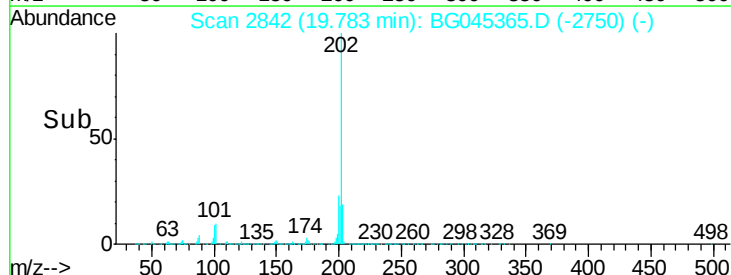
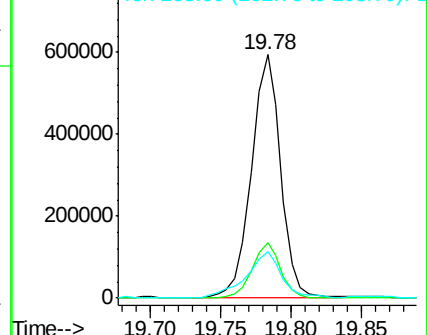
203 19.3 16.1 24.1

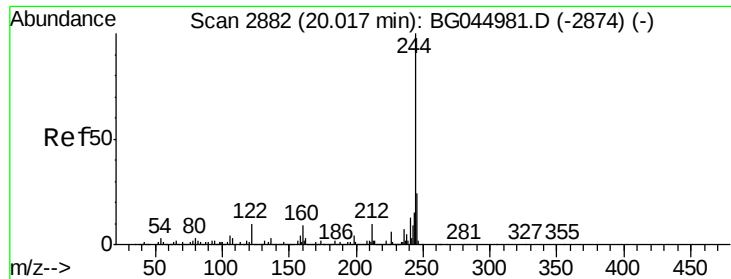


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 10.532 ng

RT: 19.98 min Scan# 2876

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

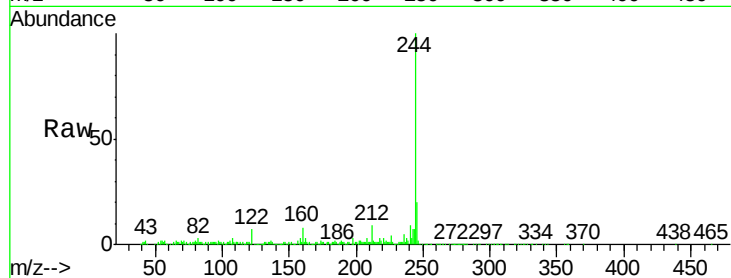
Tot Ion:244 Resp: 188983

Ion Ratio Lower Upper

244 100

212 8.5 7.9 11.9

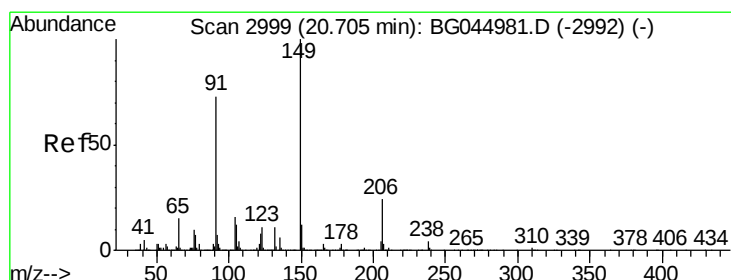
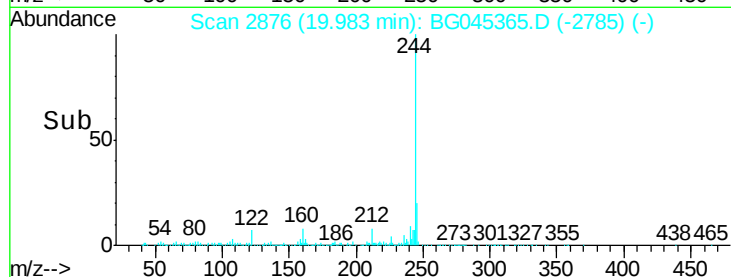
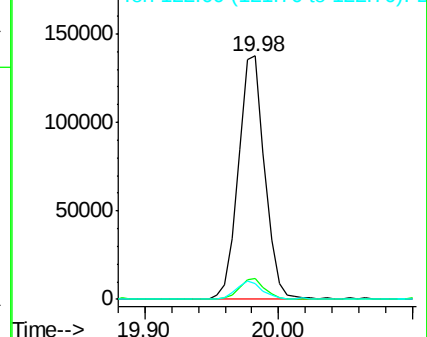
122 6.6 7.7 11.5#



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: 3.392 ng

RT: 20.67 min Scan# 2993

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

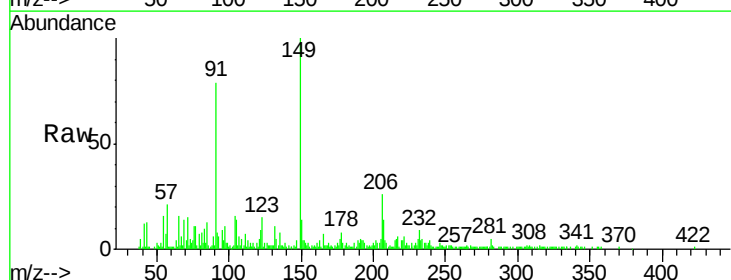
Tgt Ion:149 Resp: 37909

Ion Ratio Lower Upper

149 100

91 79.0 58.5 87.7

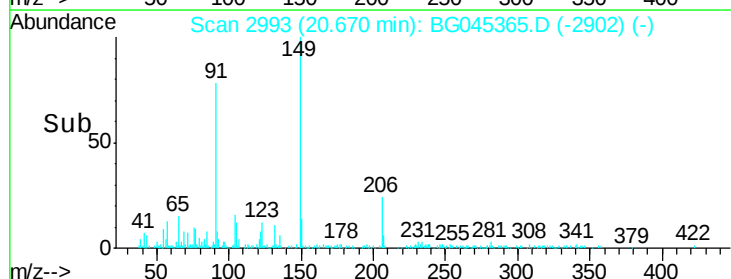
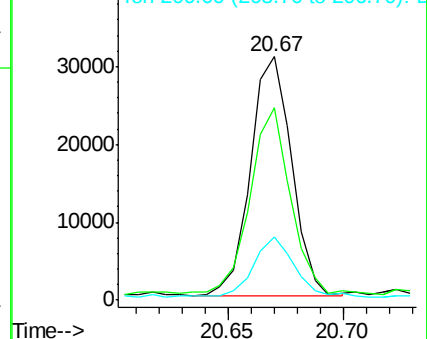
206 26.1 19.2 28.8

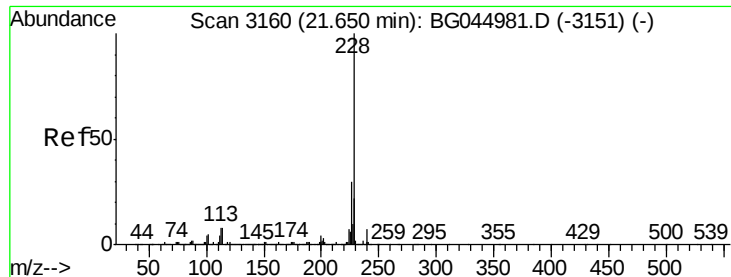


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 18.487 ng

RT: 21.61 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

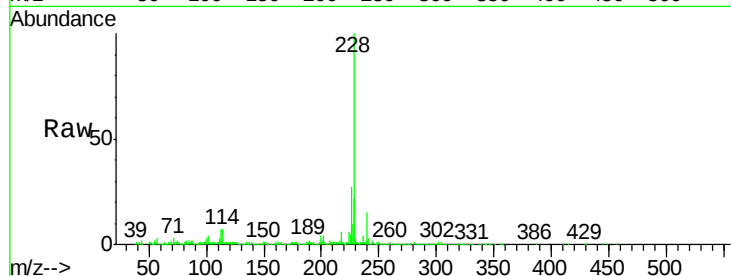
Tot Ion:228 Resp: 468621

Ion Ratio Lower Upper

228 100

226 27.4 24.0 36.0

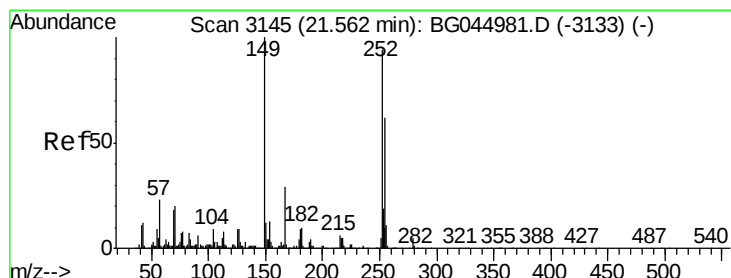
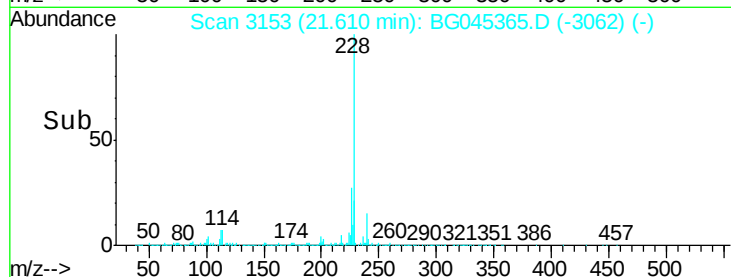
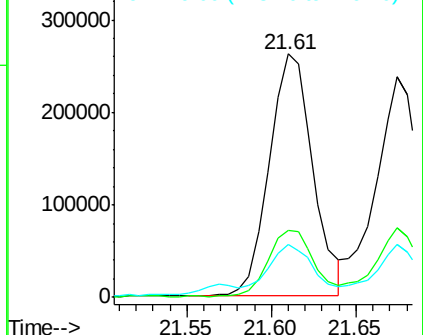
229 21.9 17.5 26.3



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: 3.290 ng

RT: 21.53 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

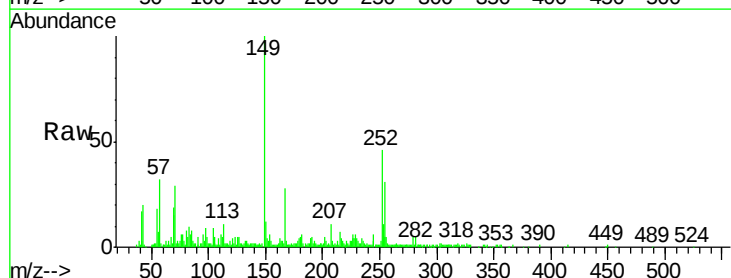
Tgt Ion:252 Resp: 33198

Ion Ratio Lower Upper

252 100

254 66.9 52.6 79.0

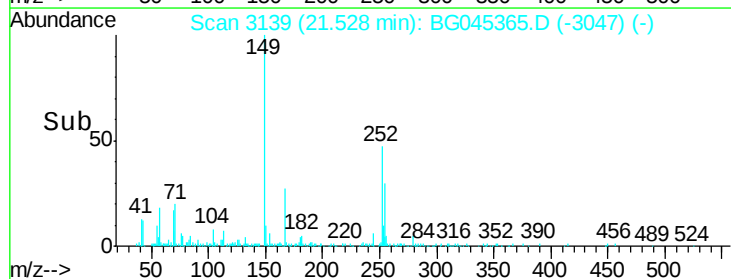
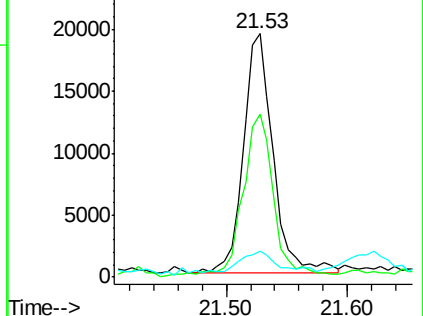
126 10.8 7.5 11.3

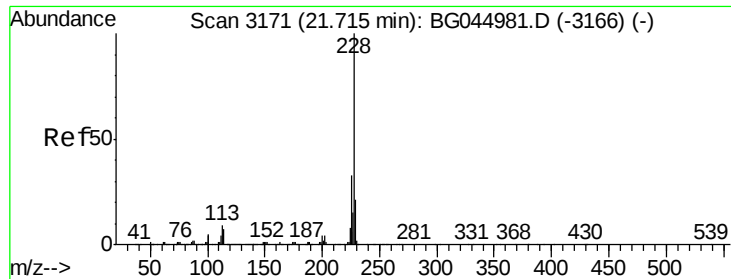


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

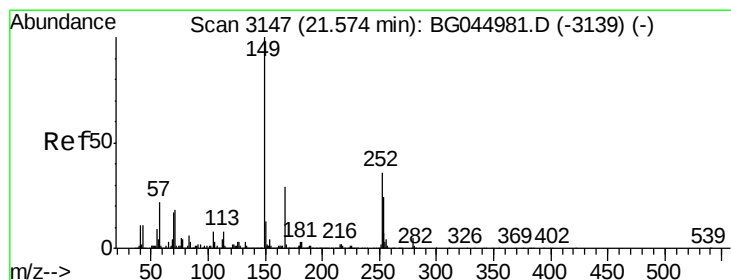
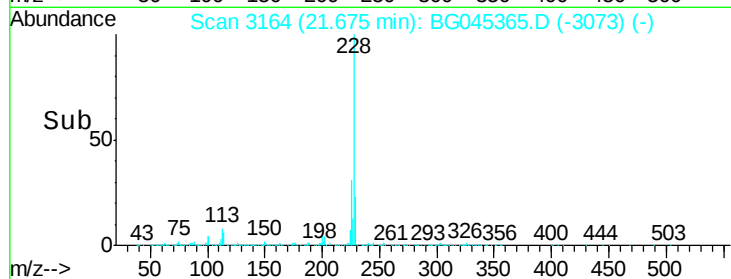
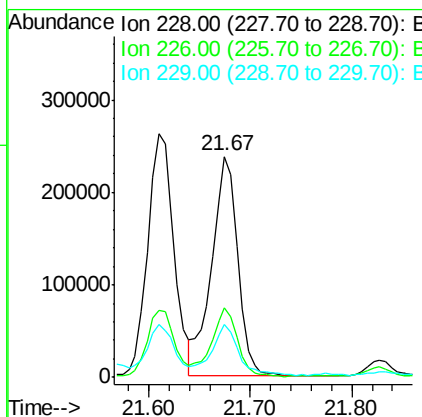
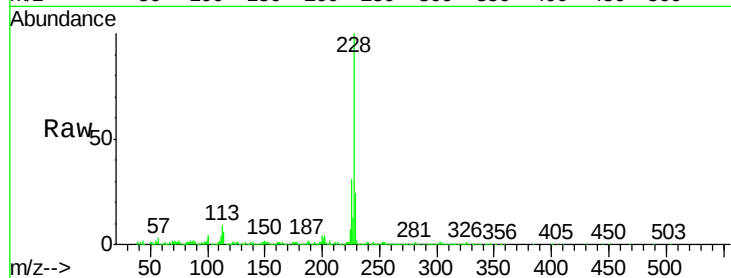




#83
 Chrysene
 Concen: 17.558 ng
 RT: 21.67 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

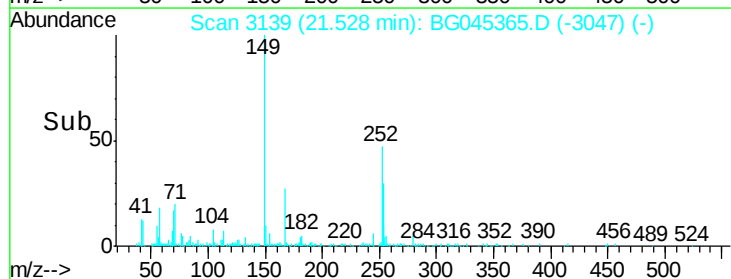
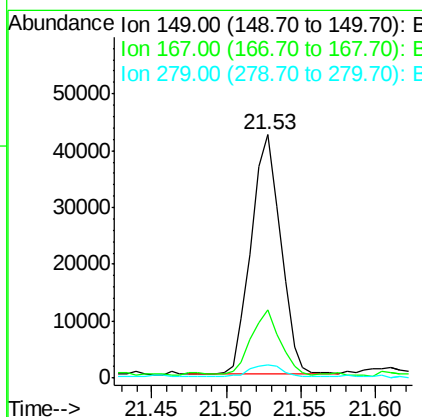
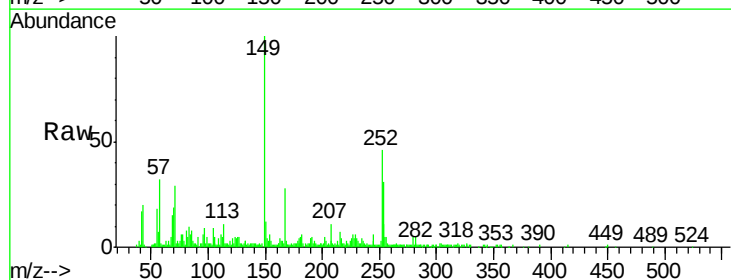
Instrument :
 BNA_G
 ClientSampleId :

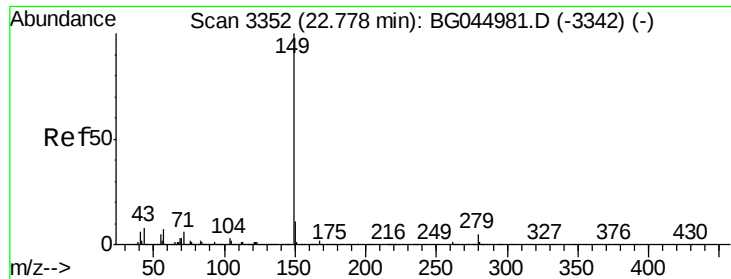
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.2	39.4
229	23.7	17.0	25.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.759 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. 0.01 min
 Lab File: BG045365.D
 Acq: 13 May 2020 17:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.4	35.0
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 3.615 ng

RT: 22.72 min Scan# 3342

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

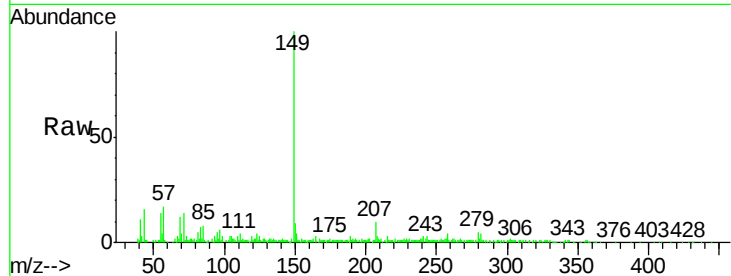
Tot Ion:149 Resp: 96100

Ion Ratio Lower Upper

149 100

167 1.2 1.4 2.2#

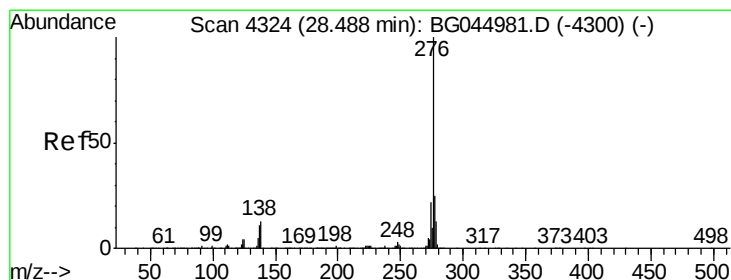
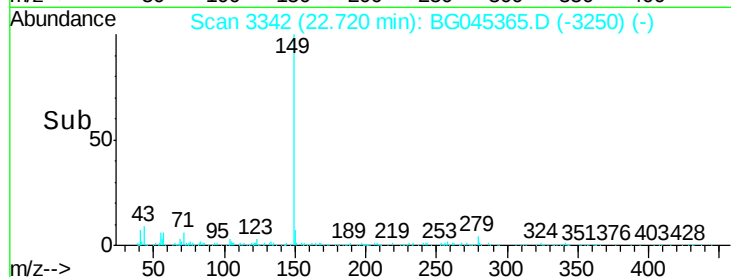
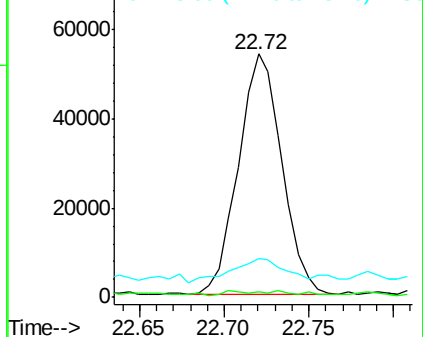
43 12.1 5.7 8.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 9.793 ng

RT: 28.39 min Scan# 4307

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

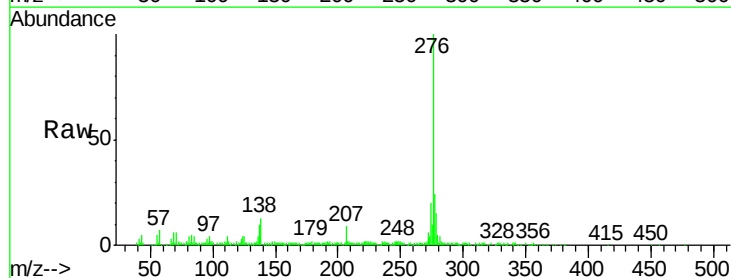
Tgt Ion:276 Resp: 316684

Ion Ratio Lower Upper

276 100

138 13.6 9.6 14.4

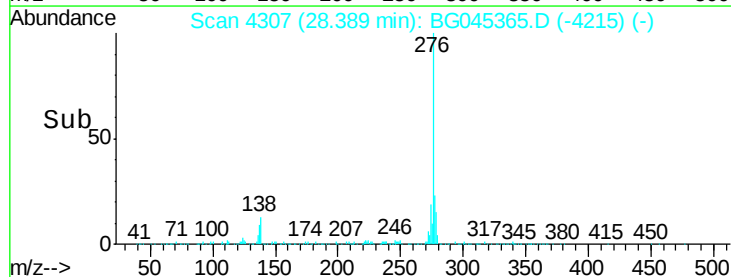
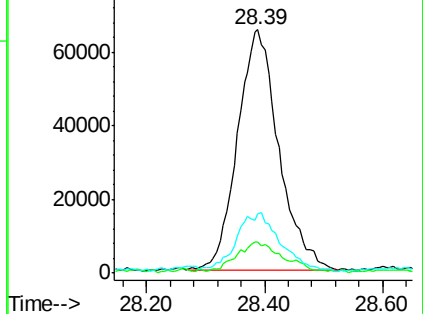
277 26.6 20.6 31.0

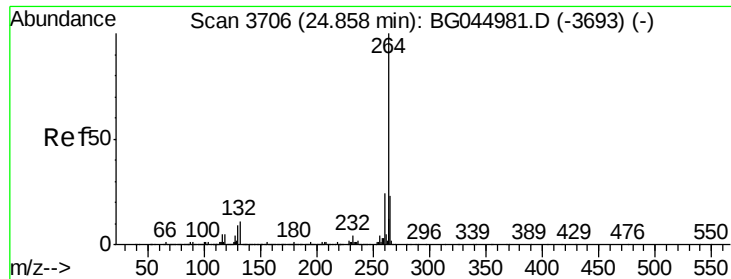


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.80 min Scan# 3696

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

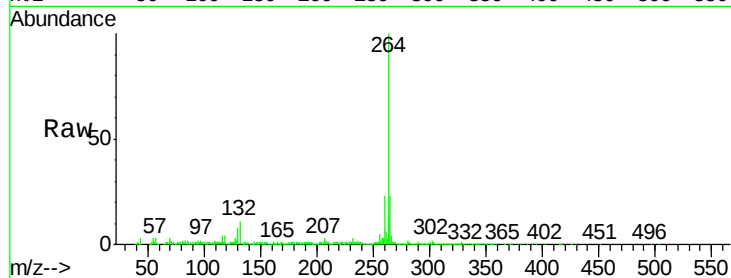
Tot Ion:264 Resp: 436273

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	23.0	19.0	28.4

264 100

260 23.3 19.2 28.8

265 23.0 19.0 28.4

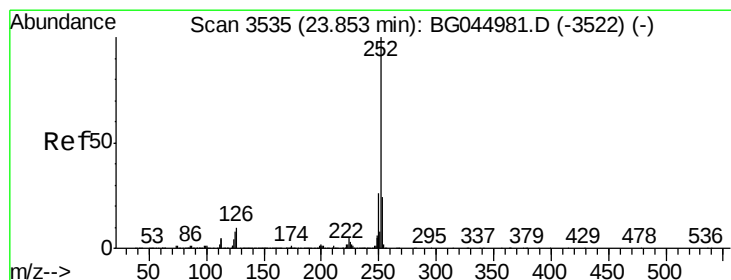
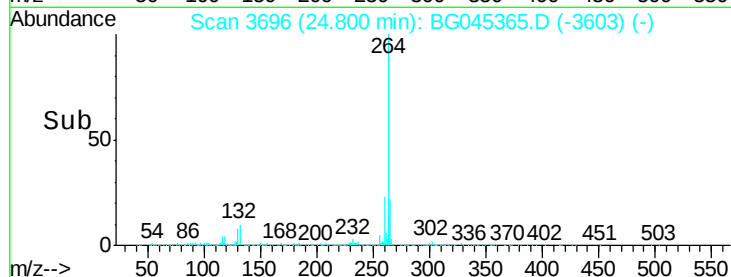
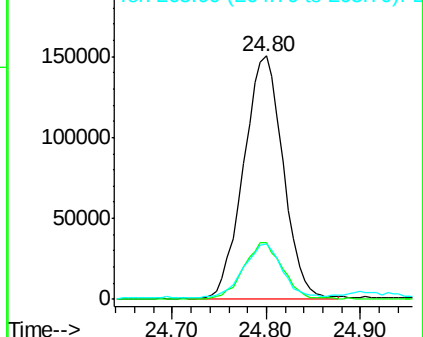


Abundance

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: 17.106 ng

RT: 23.80 min Scan# 3525

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

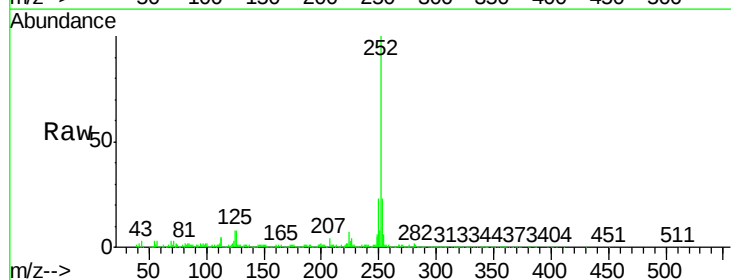
Tgt Ion:252 Resp: 467459

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.8	28.2
125	7.6	6.2	9.4

252 100

253 23.2 18.8 28.2

125 7.6 6.2 9.4

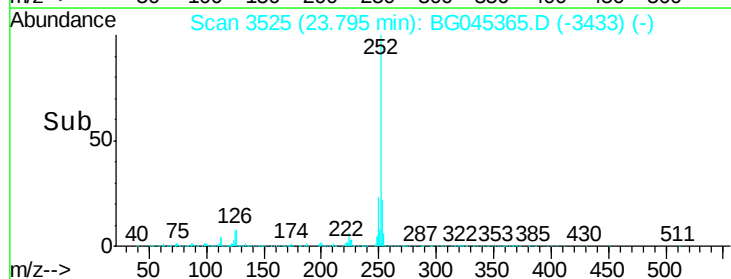
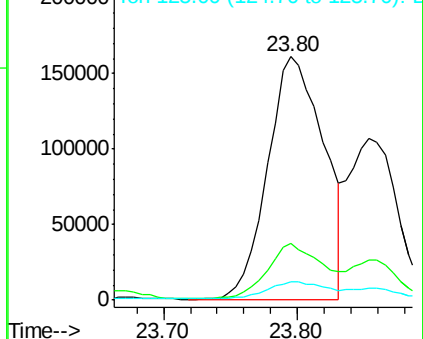


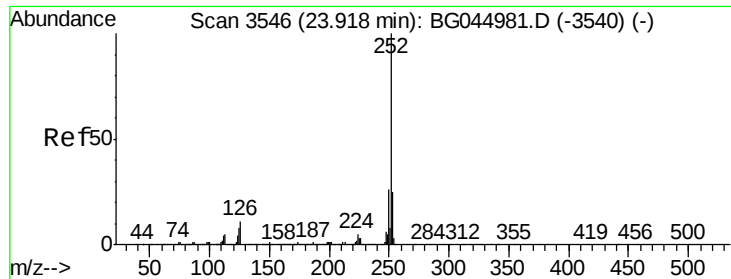
Abundance

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: 9.222 ng

RT: 23.85 min Scan# 3535

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

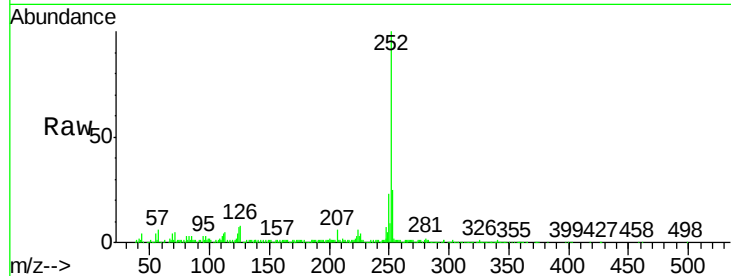
Tot Ion:252 Resp: 239682

Ion Ratio Lower Upper

252 100

253 25.0 19.2 28.8

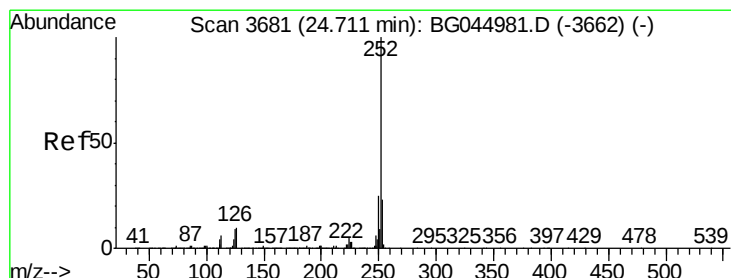
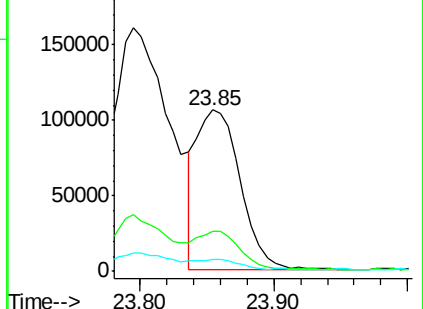
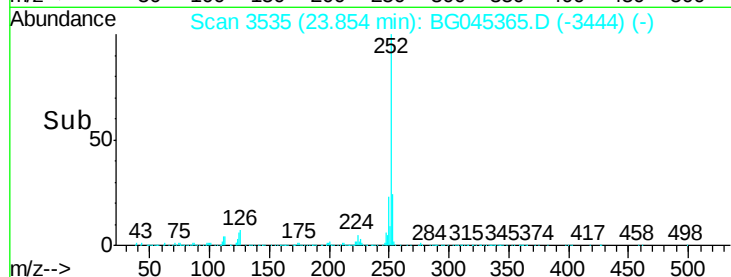
125 7.4 5.9 8.9



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: 7.434 ng

RT: 24.50 min Scan# 3645

Delta R.T. -0.14 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

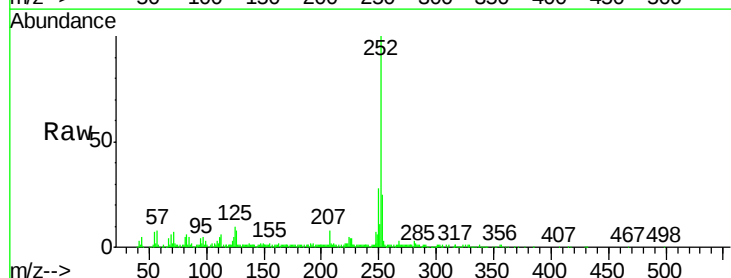
Tgt Ion:252 Resp: 191819

Ion Ratio Lower Upper

252 100

253 25.0 18.3 27.5

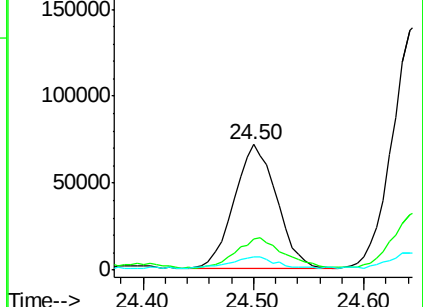
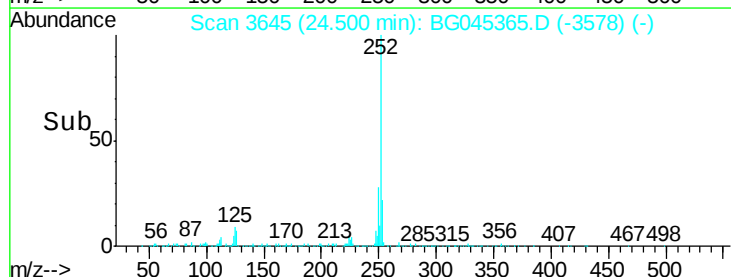
125 10.4 7.0 10.6

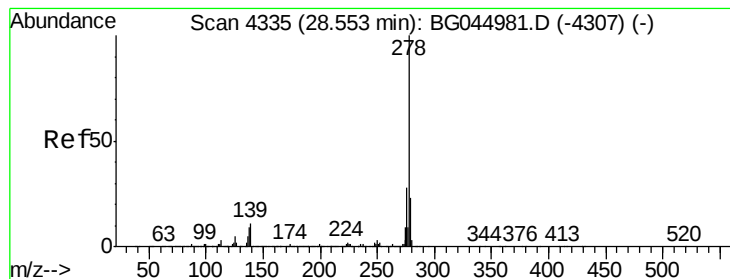


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 5.503 ng

RT: 28.45 min Scan# 4317

Delta R.T. 0.01 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

Instrument :

BNA_G

ClientSampleId :

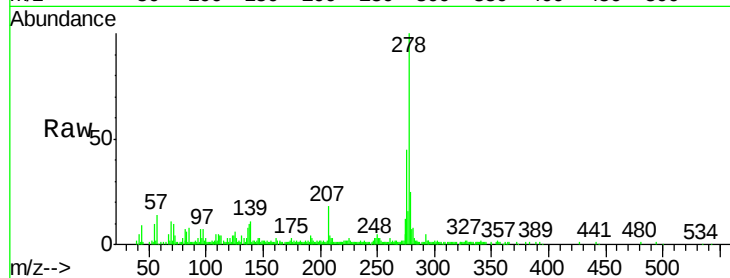
Tot Ion:278 Resp: 143076

Ion Ratio Lower Upper

278 100

139 11.1 9.0 13.6

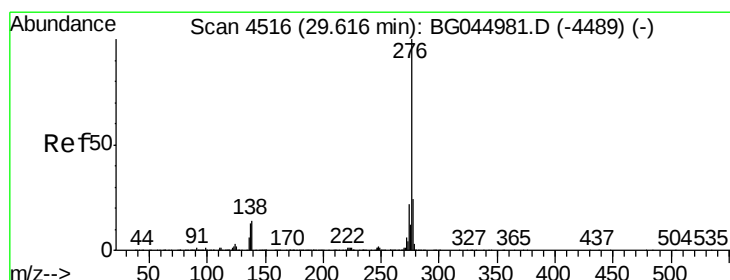
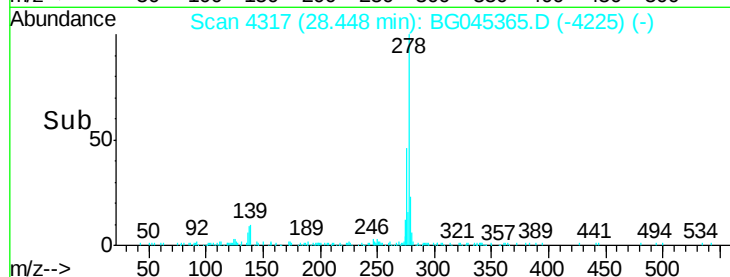
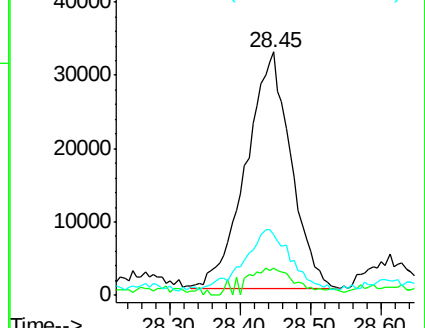
279 24.7 18.4 27.6



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: 11.044 ng

RT: 29.51 min Scan# 4497

Delta R.T. 0.00 min

Lab File: BG045365.D

Acq: 13 May 2020 17:15

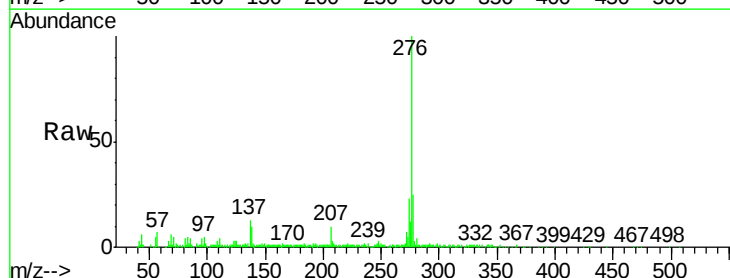
Tgt Ion:276 Resp: 287856

Ion Ratio Lower Upper

276 100

277 24.6 19.3 28.9

138 10.0 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

