

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045153.D
 Acq On : 23 Apr 2020 22:29
 Operator : CG/JU
 Sample : L2323-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 01:52:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	75510	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	312464	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	226506	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	482804	20.00	ng	0.00
76) Chrysene-d12	21.66	240	405739	20.00	ng	0.00
87) Perylene-d12	24.84	264	432374	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	747558	163.45	ng	0.00
7) Phenol-d6	7.18	99	1046643	154.02	ng	0.01
23) Nitrobenzene-d5	9.17	82	709088	103.55	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	519233	148.39	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1587145	102.75	ng	0.00
79) Terphenyl-d14	20.01	244	2181248	117.17	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	86344	42.479	ng	# 60
4) n-Nitrosodimethylamine	3.79	42	104255	54.379	ng	98
8) 2-Chlorophenol	7.58	128	301544	61.345	ng	100
9) Benzaldehyde	7.14	77	39016	4.699	ng	94
10) Phenol	7.21	94	385928	56.753	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	277923	51.333	ng	99
12) 1,3-Dichlorobenzene	7.90	146	325883	56.261	ng	97
13) 1,4-Dichlorobenzene	8.05	146	324900	56.292	ng	98
14) 1,2-Dichlorobenzene	8.36	146	303490	54.963	ng	96
15) Benzyl Alcohol	8.25	79	296211	51.991	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	254971	47.976	ng	97
17) 2-Methylphenol	8.46	107	277023	52.801	ng	95
18) Hexachloroethane	9.10	117	122491	56.454	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	243445	50.657	ng	99
20) 3+4-Methylphenols	8.79	107	381480	51.947	ng	96
22) Acetophenone	8.83	105	459743	54.409	ng	98
24) Nitrobenzene	9.22	77	381842	54.398	ng	99
25) Isophorone	9.74	82	689660	49.178	ng	99
26) 2-Nitrophenol	9.93	139	177657	58.757	ng	98
27) 2,4-Dimethylphenol	9.99	122	276399	57.612	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	391096	53.079	ng	100
29) 2,4-Dichlorophenol	10.47	162	327715	59.158	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	352513	56.203	ng	96
31) Naphthalene	10.87	128	973601	56.958	ng	99
32) Benzoic acid	10.16	122	226350	57.021	ng	96
34) Hexachlorobutadiene	11.16	225	239955	55.800	ng	95
35) Caprolactam	11.75	113	50985	23.125	ng	95
36) 4-Chloro-3-methylphenol	12.11	107	360607	55.412	ng	97
37) 2-Methylnaphthalene	12.48	142	733874	55.314	ng	97
38) 1-Methylnaphthalene	12.69	142	682968	54.528	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	408544	56.019	ng	99
41) Hexachlorocyclopentadiene	12.83	237	275198	60.375	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	294151	57.149	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	308060	52.582	ng	99

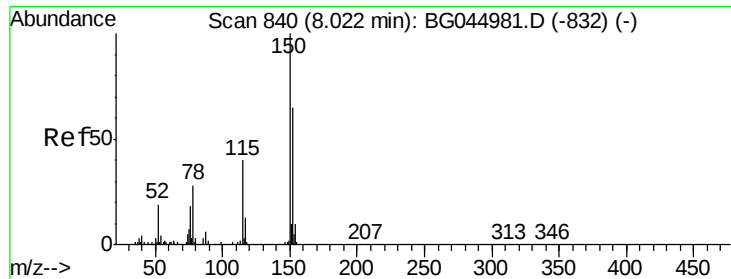
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042320\
 Data File : BG045153.D
 Acq On : 23 Apr 2020 22:29
 Operator : CG/JU
 Sample : L2323-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 01:52:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:58:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.48	154	901231	52.348	ng	98
47) 2-Chloronaphthalene	13.52	162	717066	54.510	ng	98
48) 2-Nitroaniline	13.72	65	222714	51.457	ng	92
49) Acenaphthylene	14.37	152	1108532	51.735	ng	99
50) Dimethylphthalate	14.10	163	918413	49.797	ng	99
51) 2,6-Dinitrotoluene	14.22	165	211182	51.193	ng	97
52) Acenaphthene	14.71	154	719108	49.602	ng	98
53) 3-Nitroaniline	14.54	138	48766	10.778	ng	98
54) 2,4-Dinitrophenol	14.76	184	150577	61.386	ng	97
55) Dibenzofuran	15.05	168	1092492	51.688	ng	97
56) 4-Nitrophenol	14.87	139	342255	97.563	ng	95
57) 2,4-Dinitrotoluene	15.01	165	295357	48.993	ng	96
58) Fluorene	15.70	166	907703	52.576	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	288318	55.308	ng	97
60) Diethylphthalate	15.47	149	930384	48.385	ng	100
61) 4-Chlorophenyl-phenylether	15.69	204	505049	50.824	ng	98
62) 4-Nitroaniline	15.71	138	131701	28.065	ng	94
63) Azobenzene	15.98	77	893462	50.398	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	119177	37.554	ng	98
66) n-Nitrosodiphenylamine	15.90	169	709989	51.182	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	343944	55.221	ng	98
68) Hexachlorobenzene	16.71	284	365042	56.510	ng	99
69) Atrazine	16.85	200	290741	58.944	ng	96
70) Pentachlorophenol	17.05	266	452753	114.250	ng	98
71) Phenanthrene	17.44	178	1371172	55.267	ng	99
72) Anthracene	17.53	178	1379466	55.429	ng	98
73) Carbazole	17.79	167	1262726	49.998	ng	100
74) Di-n-butylphthalate	18.36	149	1466923	54.662	ng	98
75) Fluoranthene	19.44	202	1544032	54.211	ng	98
77) Benzidine	19.61	184	9856	Below Cal	#	78
78) Pyrene	19.80	202	1529295	54.673	ng	100
80) Butylbenzylphthalate	20.69	149	616398	53.162	ng	98
81) Benzo(a)anthracene	21.64	228	1457237	55.413	ng	100
82) 3,3'-Dichlorobenzidine	21.55	252	154506	14.761	ng	99
83) Chrysene	21.71	228	1384814	54.807	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	850607	53.341	ng	99
85) Di-n-octyl phthalate	22.76	149	1451048	52.620	ng	99
86) Indeno(1,2,3-cd)pyrene	28.47	276	1763445	52.567	ng	# 95
88) Benzo(b)fluoranthene	23.84	252	1575405	58.168	ng	99
89) Benzo(k)fluoranthene	23.91	252	1476445	57.323	ng	99
90) Benzo(a)pyrene	24.70	252	1420603	55.555	ng	99
91) Dibenzo(a,h)anthracene	28.53	278	1467468	56.952	ng	96
92) Benzo(g,h,i)perylene	29.59	276	1318875	51.055	ng	98

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

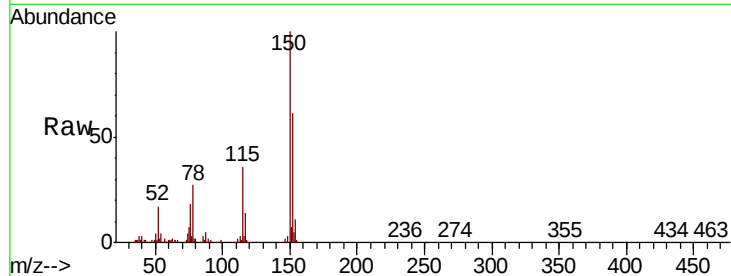


#1

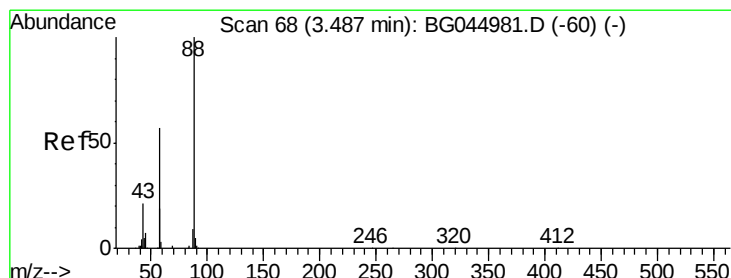
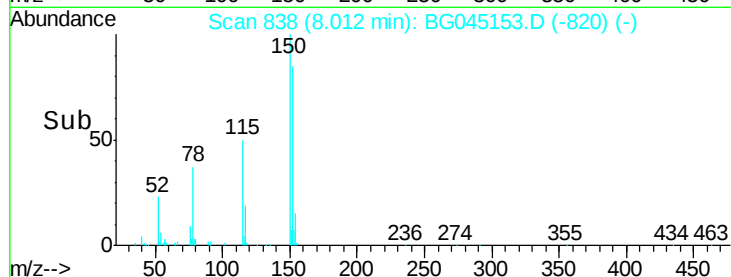
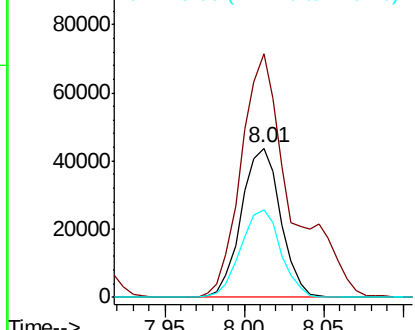
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 75510
Ion Ratio Lower Upper
152 100
150 163.5 123.6 185.4
115 58.7 49.1 73.7



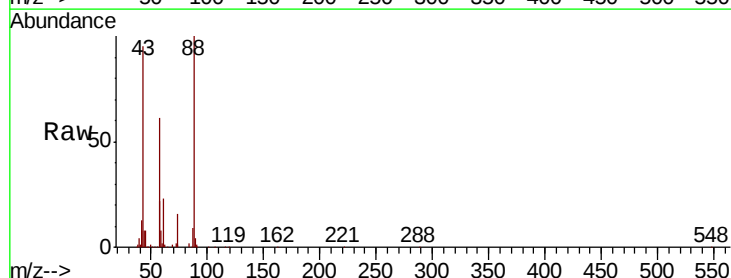
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



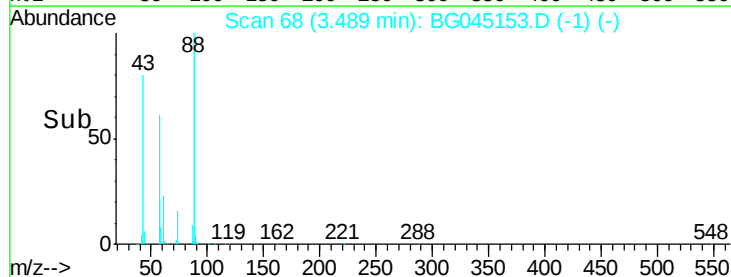
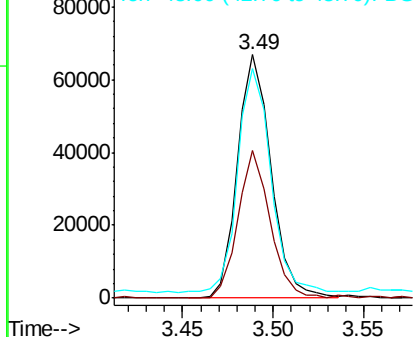
#2

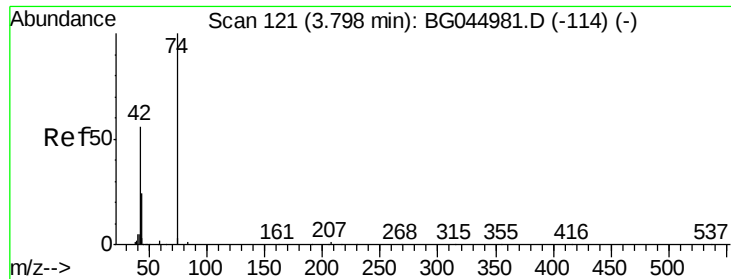
1,4-Dioxane
Concen: 42.479 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.02 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion: 88 Resp: 86344
Ion Ratio Lower Upper
88 100
58 58.7 46.6 69.8
43 90.5 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



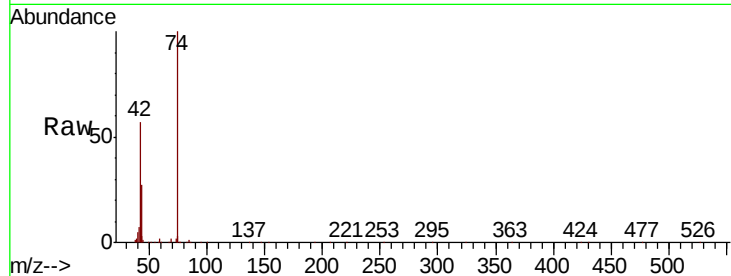


#4

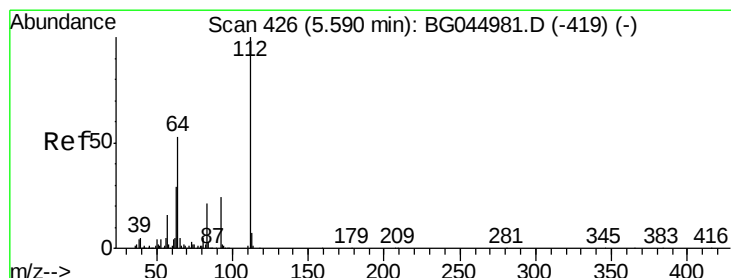
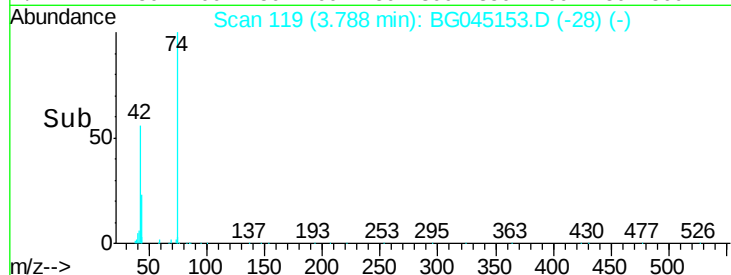
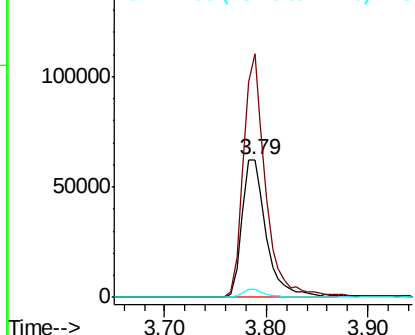
n-Nitrosodimethylamine
 Concen: 54.379 ng
 RT: 3.79 min Scan# 119
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
74	176.4	143.0	214.6
44	5.7	4.6	6.8



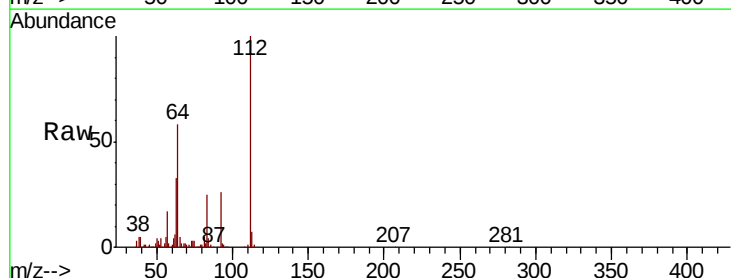
Abundance Ion 42.00 (41.70 to 42.70): BGC
 Ion 74.00 (73.70 to 74.70): BGC
 Ion 44.00 (43.70 to 44.70): BGC



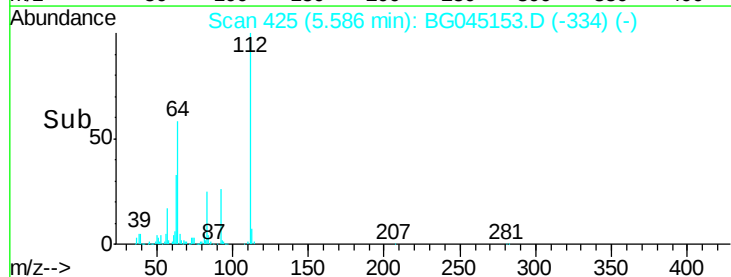
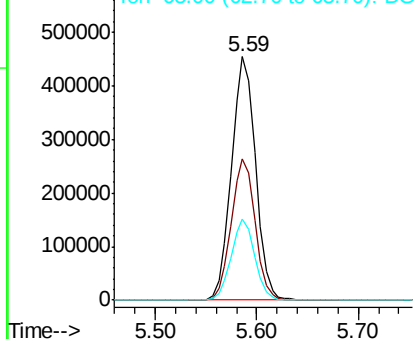
#5

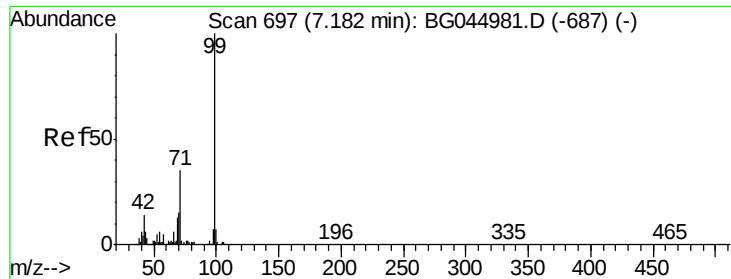
2-Fluorophenol
 Concen: 163.446 ng
 RT: 5.59 min Scan# 425
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	42.4	63.6
63	33.1	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





#7

Phenol-d6

Concen: 154.021 ng

RT: 7.18 min Scan# 697

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

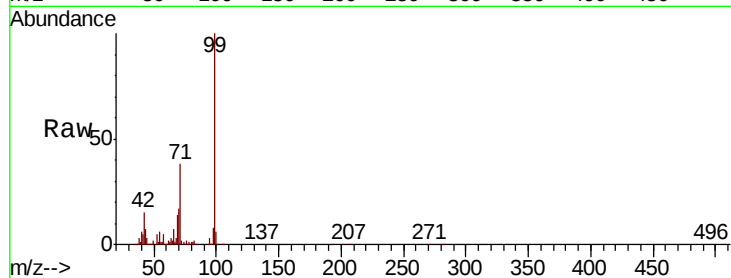
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1046643

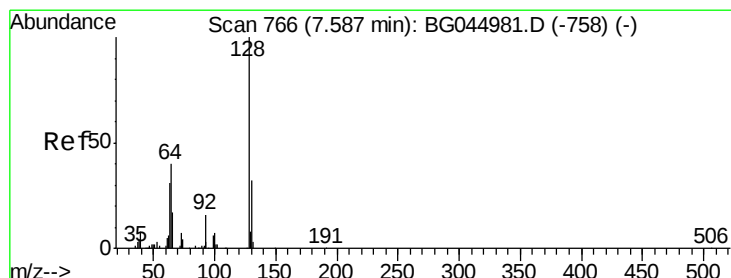
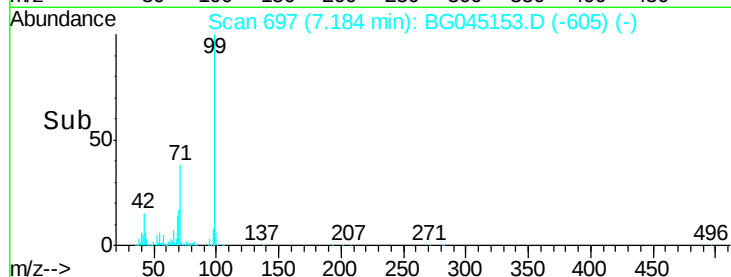
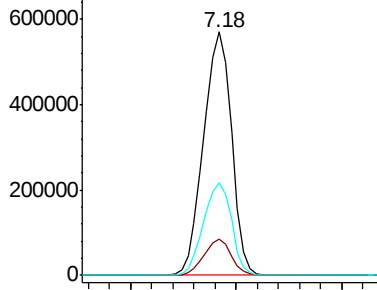
Ion	Ratio	Lower	Upper
99	100		
42	14.8	11.3	16.9
71	37.8	28.3	42.5



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: 61.345 ng

RT: 7.58 min Scan# 764

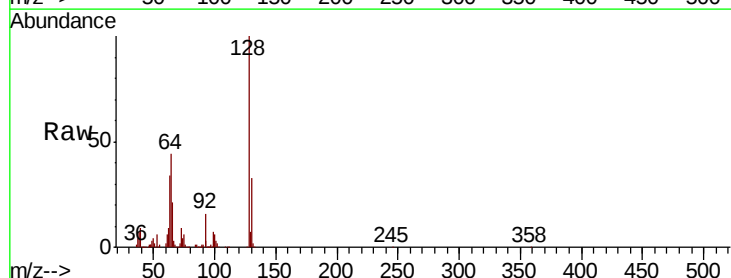
Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Tgt Ion: 128 Resp: 301544

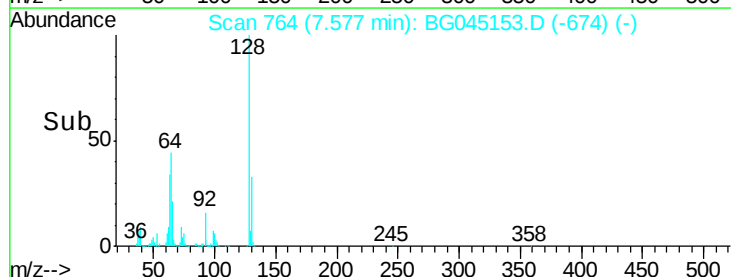
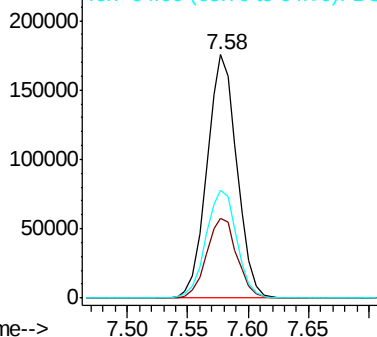
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.3	52.3
64	44.4	24.4	64.4

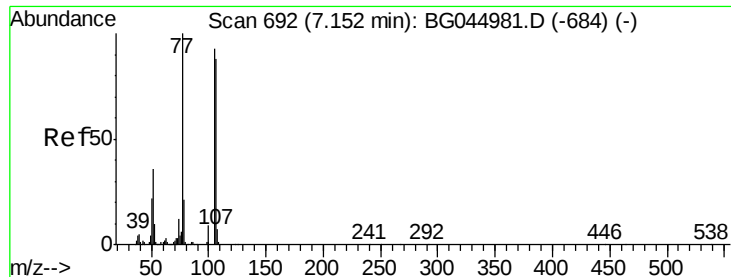


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 4.699 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

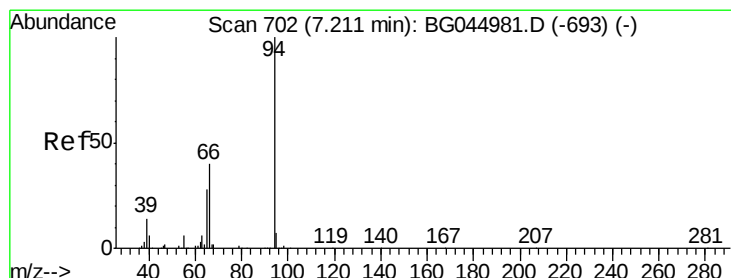
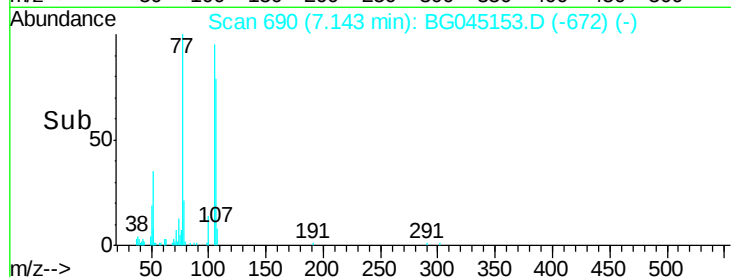
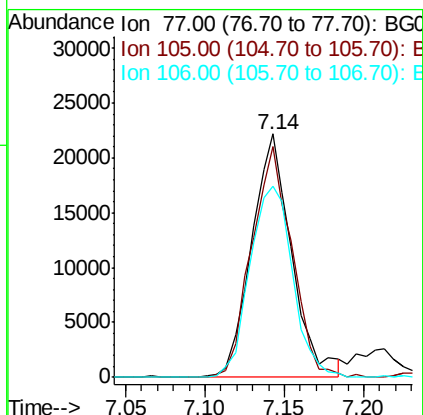
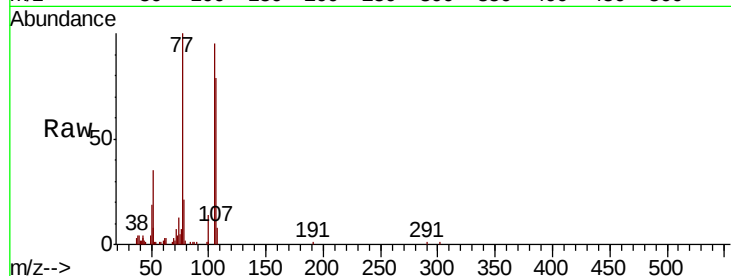
Tot Ion: 77 Resp: 39016

Ion Ratio Lower Upper

77 100

105 94.9 72.9 112.9

106 78.6 67.6 107.6



#10

Phenol

Concen: 56.753 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

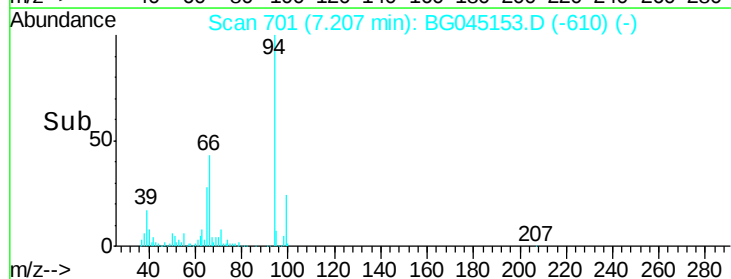
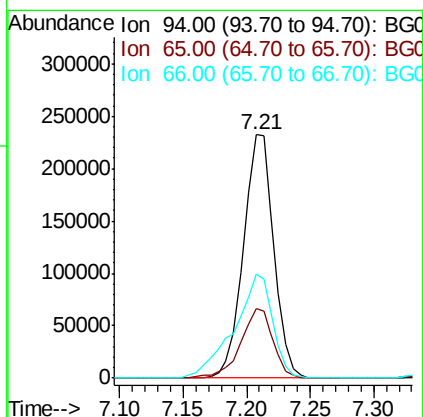
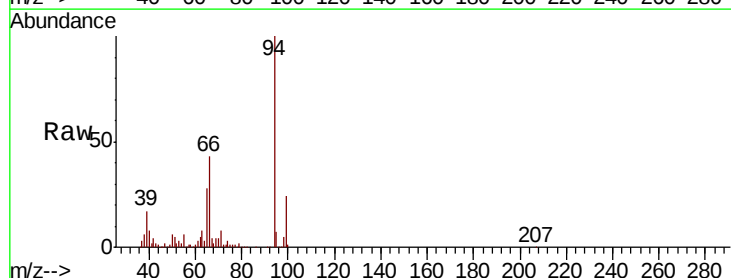
Tgt Ion: 94 Resp: 385928

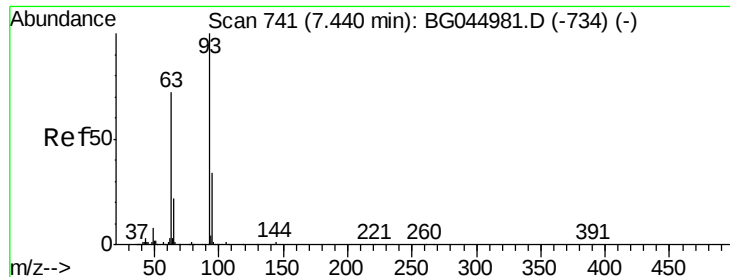
Ion Ratio Lower Upper

94 100

65 28.5 8.2 48.2

66 42.6 20.4 60.4

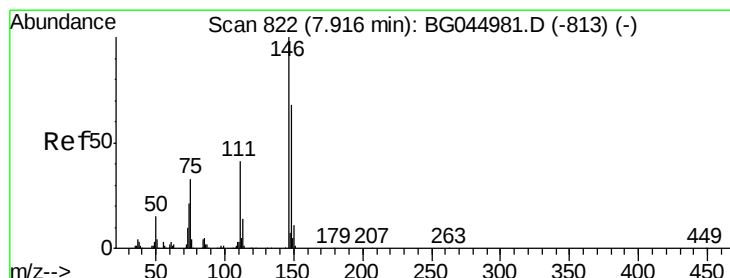
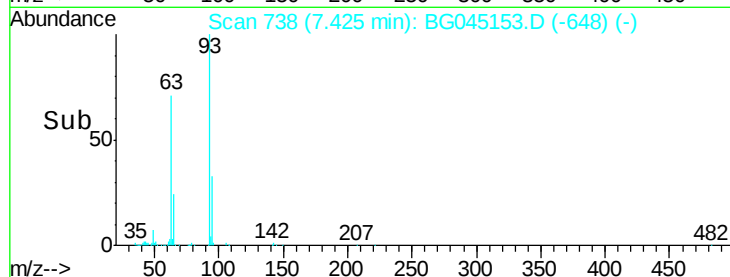
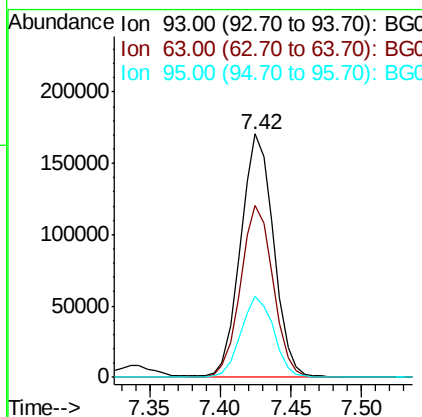
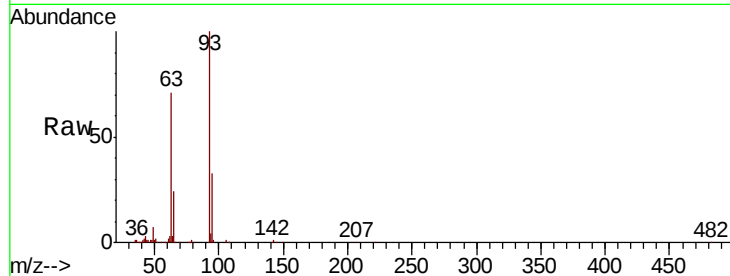




#11
bis(2-Chloroethyl)ether
Concen: 51.333 ng
RT: 7.42 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

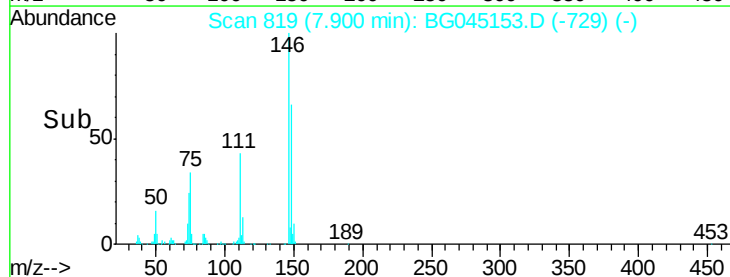
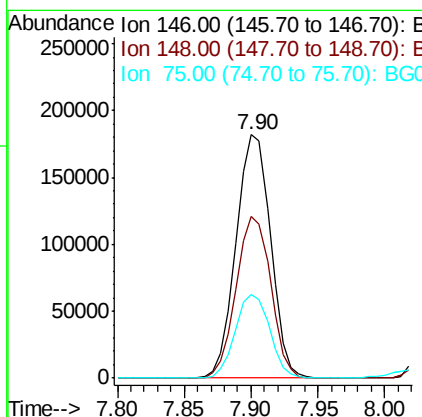
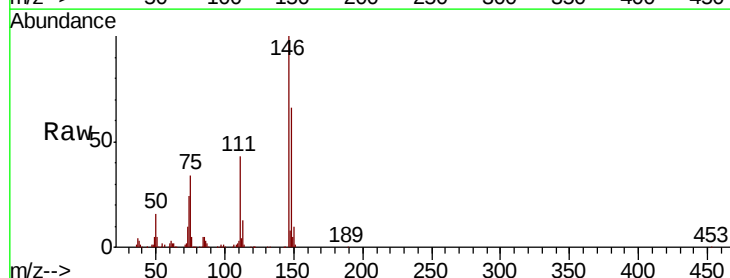
Instrument :
BNA_G
ClientSampleId :

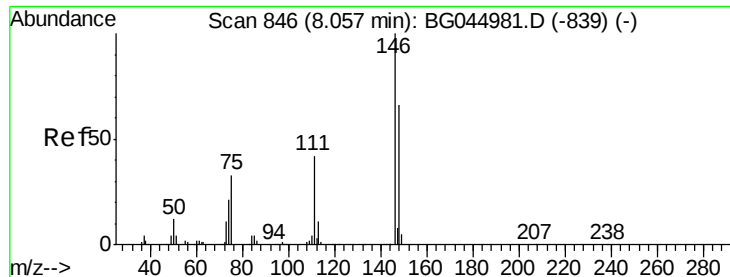
Tot Ion	93	Resp	277923
Ion Ratio	Lower	Upper	
93	100		
63	70.8	51.8	91.8
95	33.3	13.8	53.8



#12
1,3-Dichlorobenzene
Concen: 56.261 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion	146	Resp	325883
Ion Ratio	Lower	Upper	
146	100		
148	66.4	54.6	81.8
75	34.3	26.0	39.0

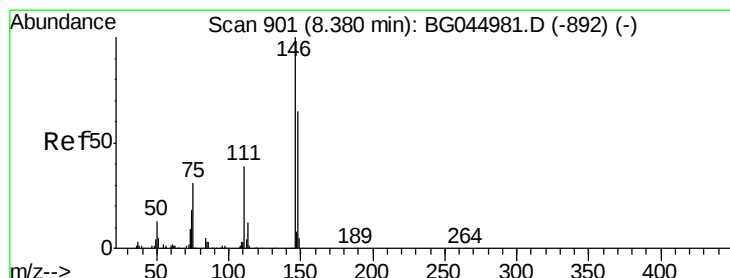
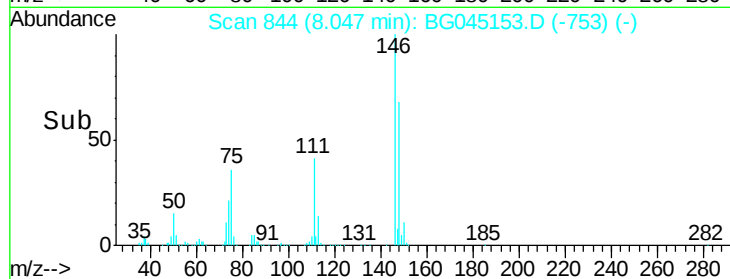
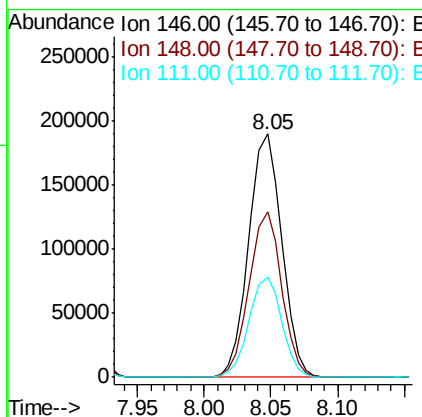
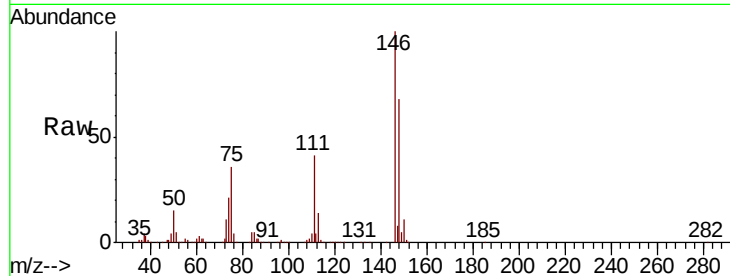




#13
 1,4-Dichlorobenzene
 Concen: 56.292 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

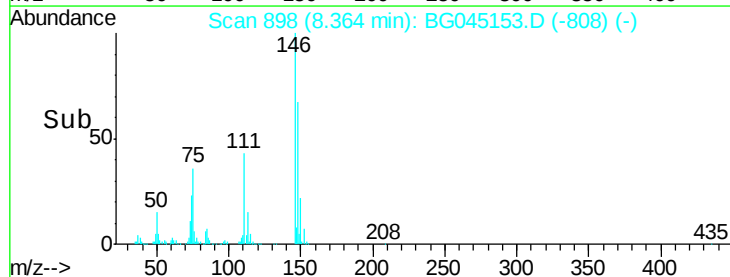
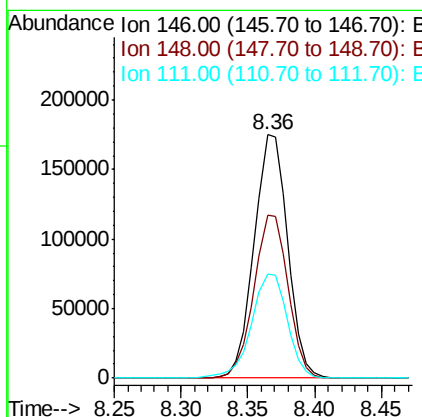
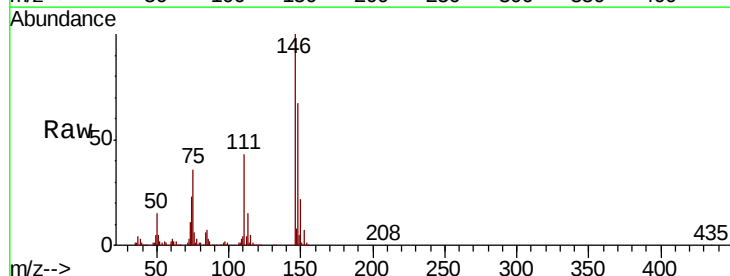
Instrument :
 BNA_G
 ClientSampled :

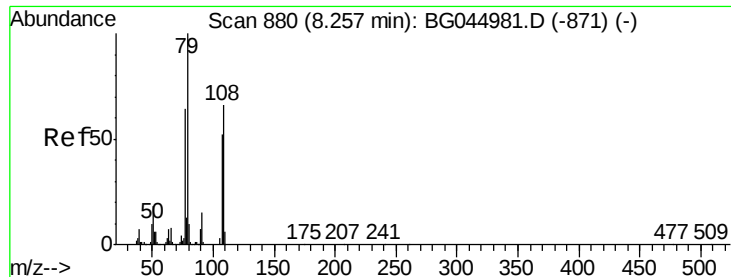
Tot Ion	Ratio	Lower	Upper
146	100		
148	68.1	53.3	79.9
111	41.4	33.8	50.8



#14
 1,2-Dichlorobenzene
 Concen: 54.963 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.9	77.9
111	43.0	31.3	46.9





#15

Benzyl Alcohol

Concen: 51.991 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampled :

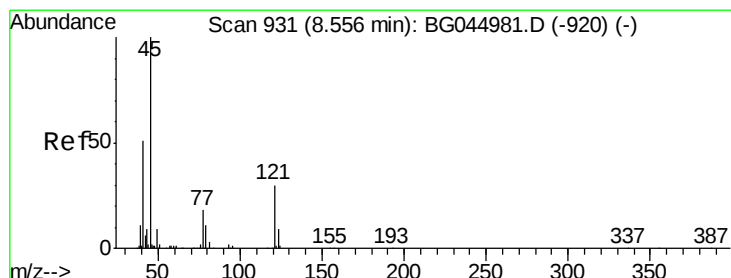
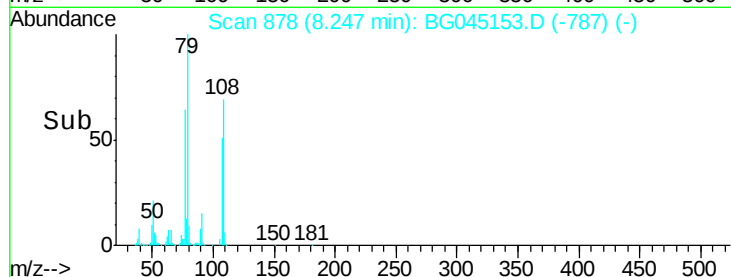
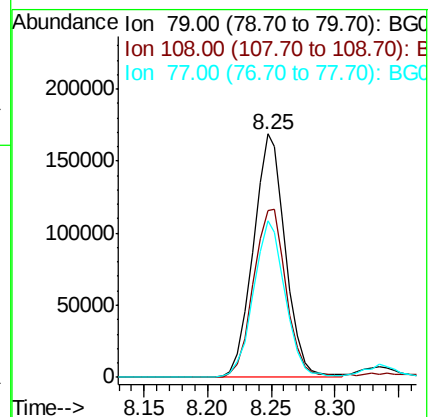
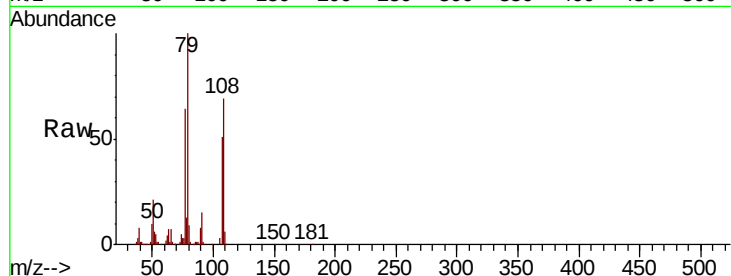
Tot Ion: 79 Resp: 296211

Ion Ratio Lower Upper

79 100

108 68.5 52.7 79.1

77 64.2 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.976 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

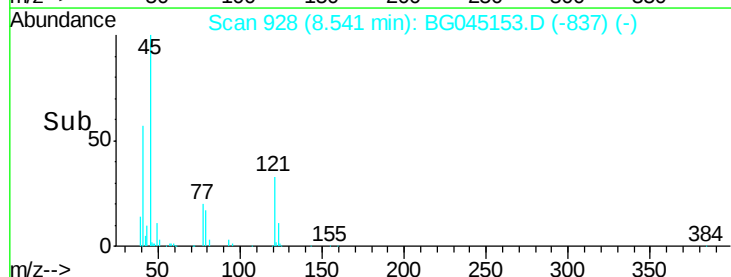
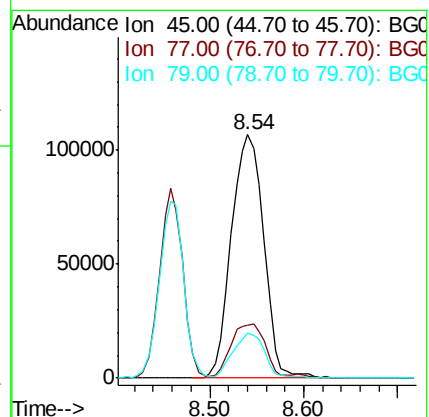
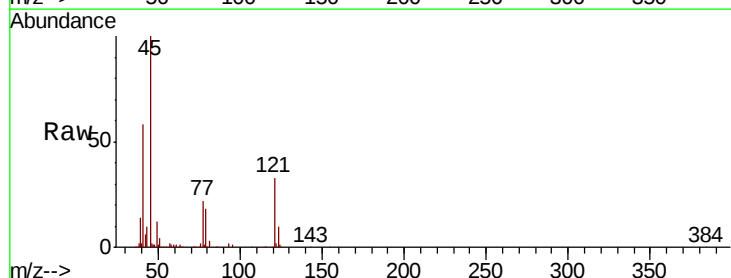
Tgt Ion: 45 Resp: 254971

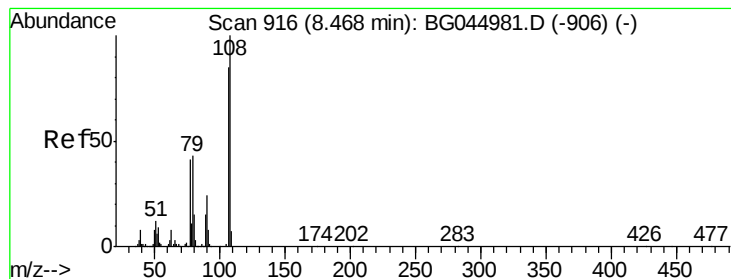
Ion Ratio Lower Upper

45 100

77 21.9 1.9 41.9

79 18.3 0.0 35.5





#17

2-Methylphenol

Concen: 52.801 ng

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 277023

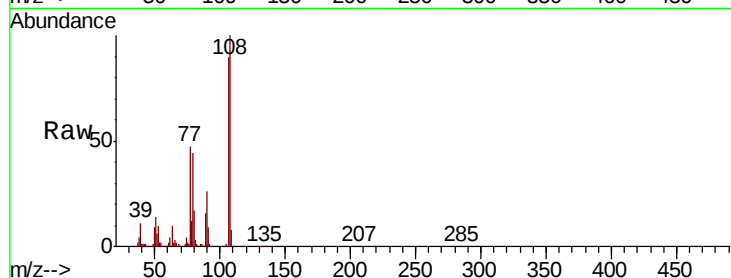
Ion Ratio Lower Upper

107 100

108 111.7 93.8 140.6

77 52.2 38.5 57.7

79 48.8 40.1 60.1

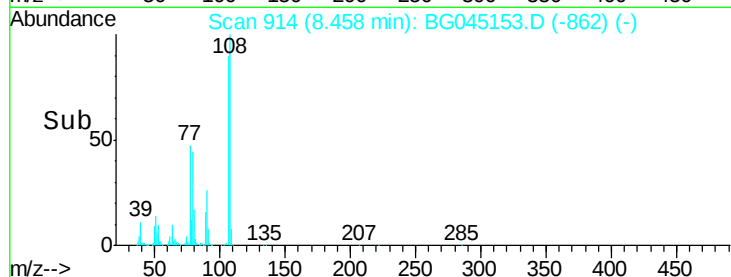


Abundance Ion 107.00 (106.70 to 107.70): E

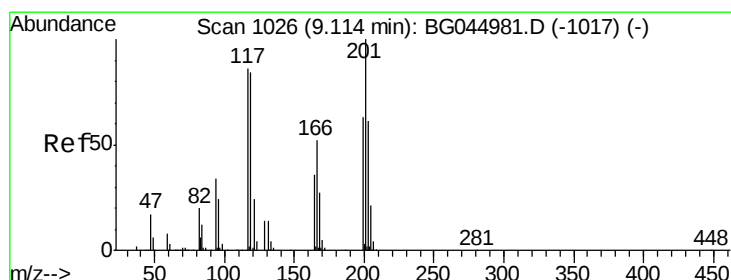
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 56.454 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

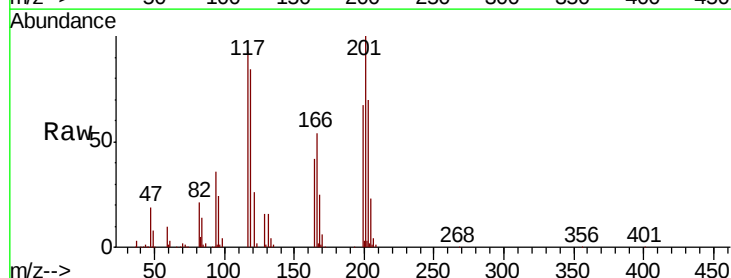
Tgt Ion:117 Resp: 122491

Ion Ratio Lower Upper

117 100

119 90.5 78.3 117.5

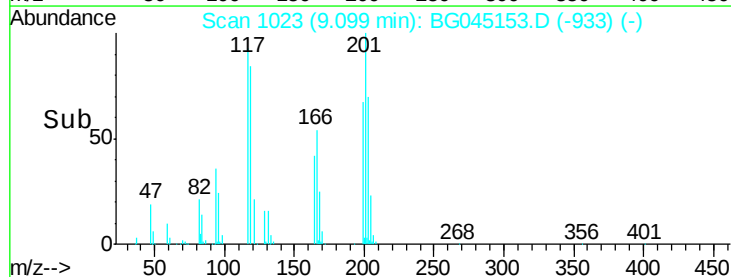
201 107.6 92.9 139.3



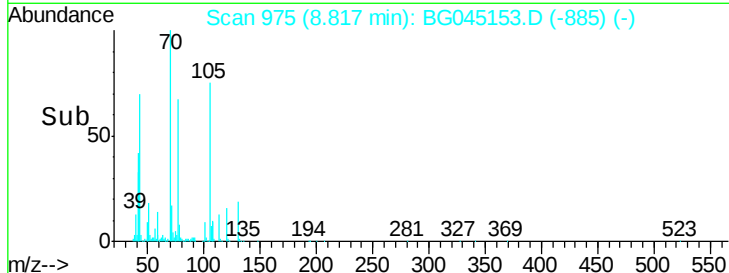
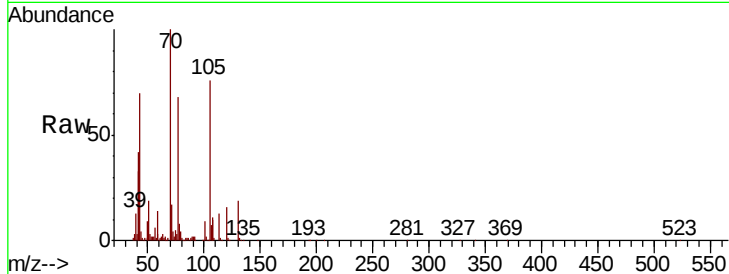
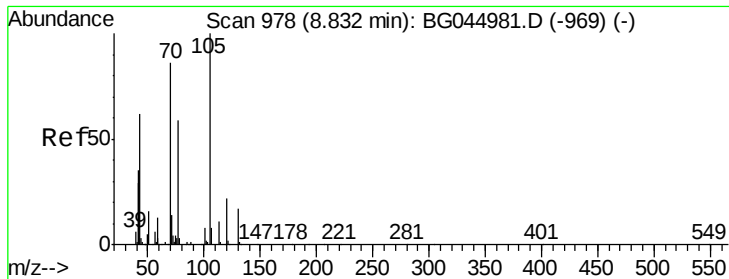
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



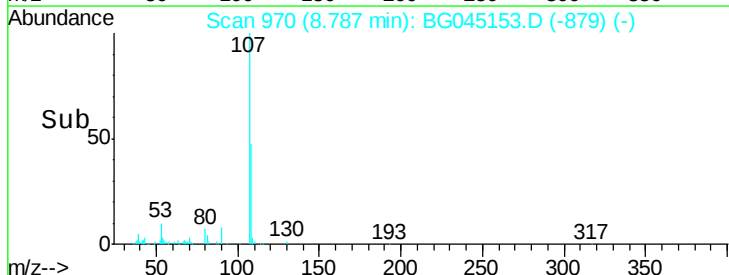
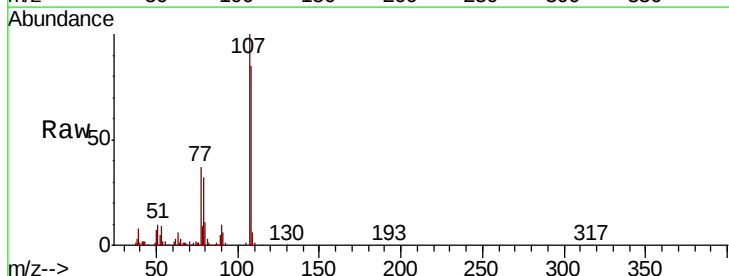
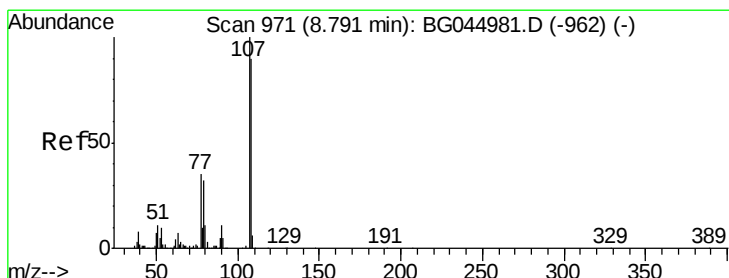
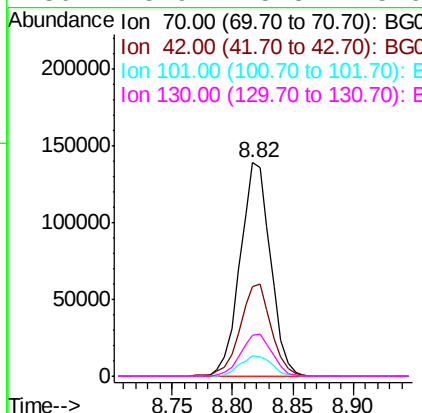
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 50.657 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

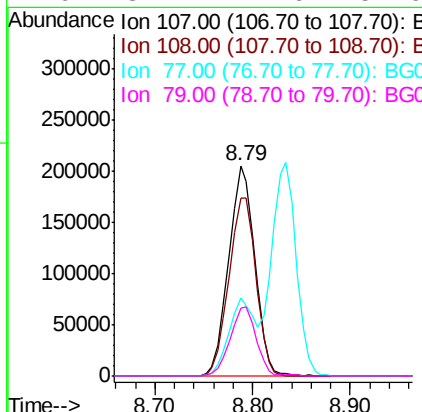
Instrument :
BNA_G
ClientSampleId :

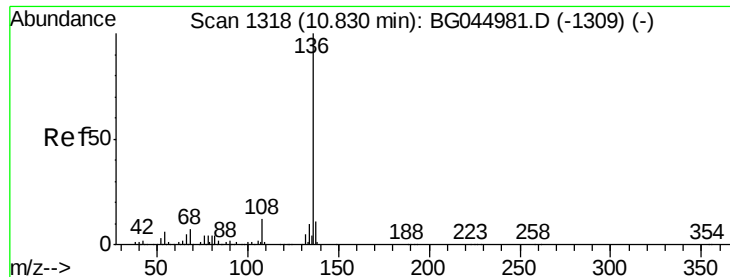
Tot Ion:	70	Resp:	243445
Ion	Ratio	Lower	Upper
70	100		
42	41.8	33.3	49.9
101	9.3	7.8	11.8
130	18.9	15.8	23.6



#20
3+4-Methylphenols
Concen: 51.947 ng
RT: 8.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion:	107	Resp:	381480
Ion	Ratio	Lower	Upper
107	100		
108	84.7	69.9	109.9
77	37.1	15.2	55.2
79	32.1	11.6	51.6

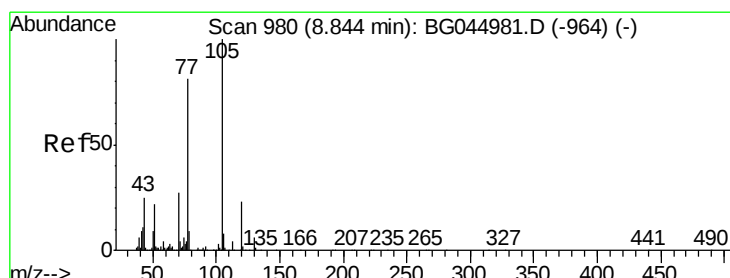
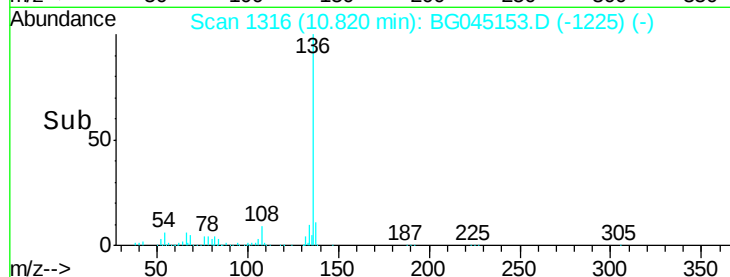
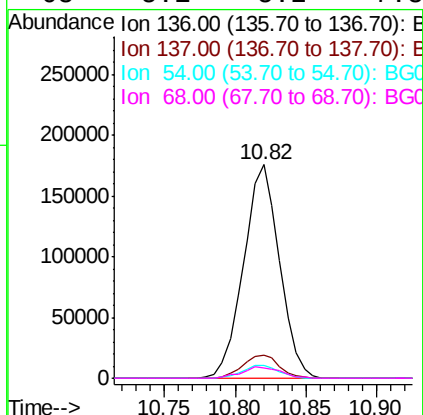
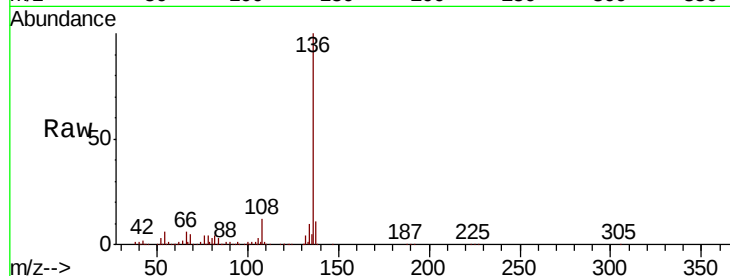




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

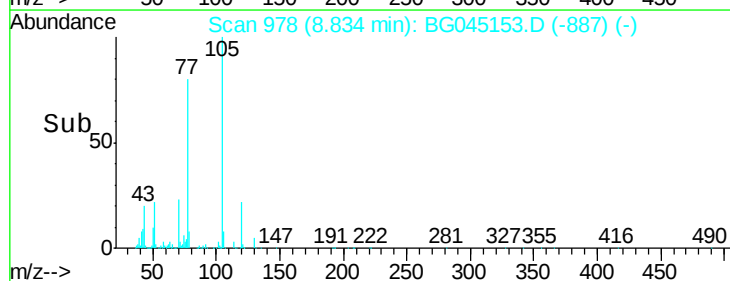
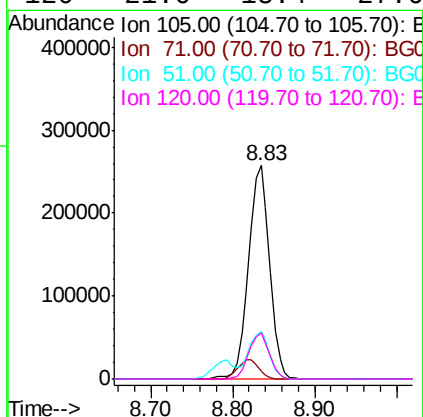
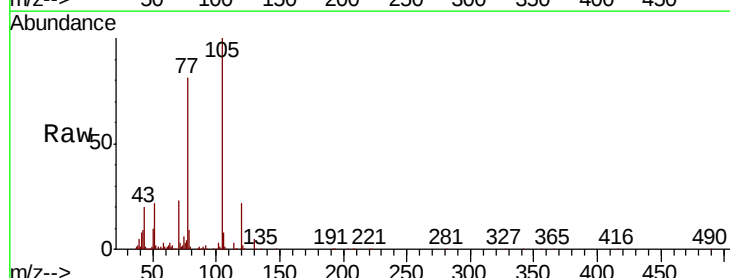
Instrument :
BNA_G
ClientSampleId :

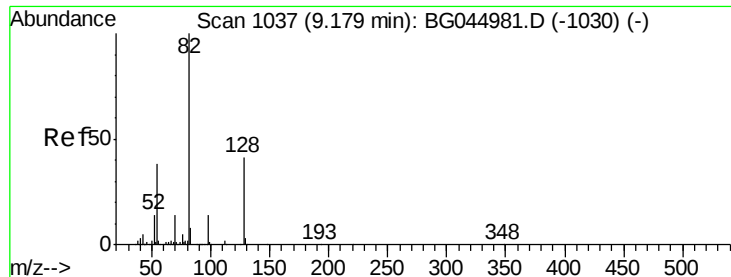
Tot Ion:136	Resp:	312464
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 13.0
54	5.8	4.8 7.2
68	5.1	5.2 7.8



#22
Acetophenone
Concen: 54.409 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion:105	Resp:	459743
Ion Ratio	Lower	Upper
105	100	
71	3.4	3.3 4.9
51	22.2	17.3 25.9
120	21.6	18.4 27.6

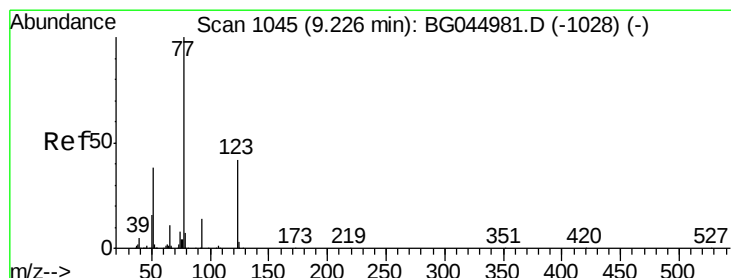
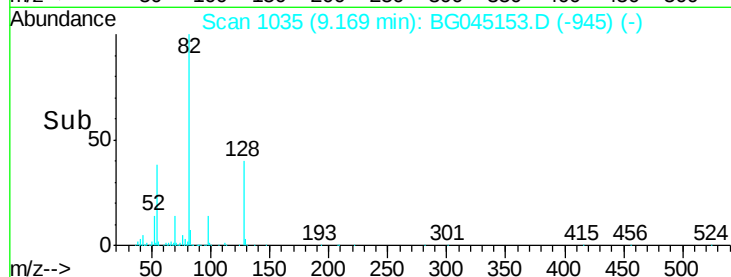
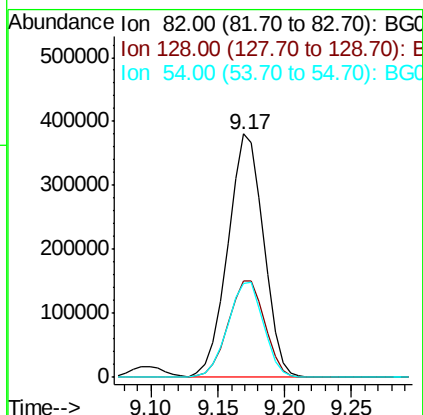
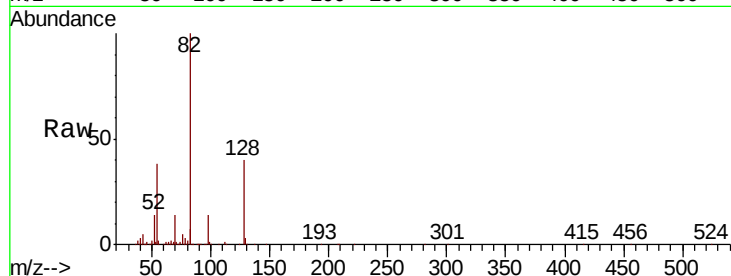




#23
 Nitrobenzene-d5
 Concen: 103.547 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

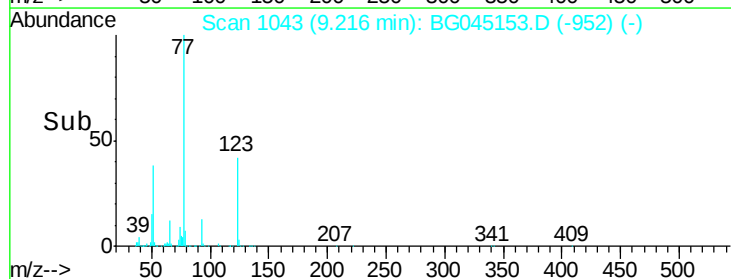
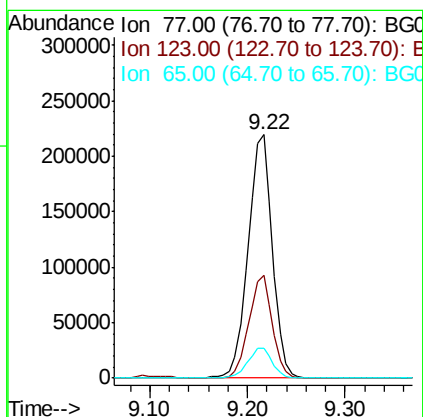
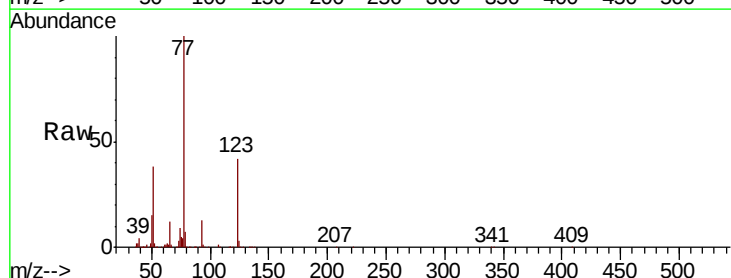
Instrument :
 BNA_G
 ClientSampleId :

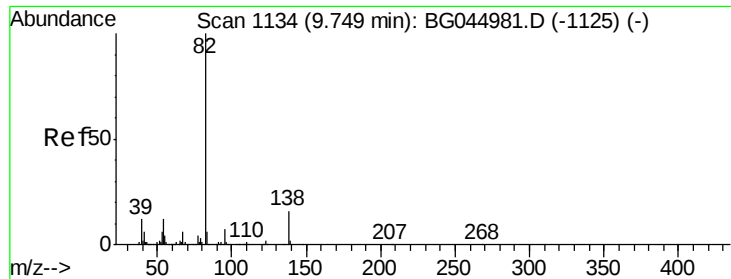
Tot Ion	82	Resp	709088
Ion Ratio	Lower	Upper	
82	100		
128	39.9	33.0	49.4
54	38.3	30.4	45.6



#24
 Nitrobenzene
 Concen: 54.398 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	77	Resp	381842
Ion Ratio	Lower	Upper	
77	100		
123	42.3	34.3	51.5
65	12.1	8.9	13.3





#25

Isophorone

Concen: 49.178 ng

RT: 9.74 min Scan# 1132

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampled :

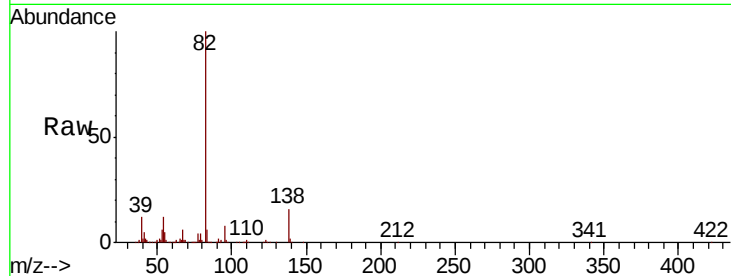
Tot Ion: 82 Resp: 689660

Ion Ratio Lower Upper

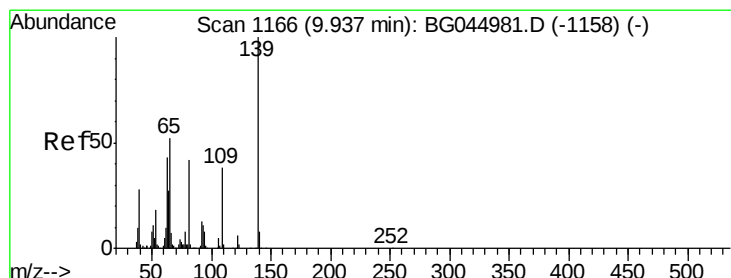
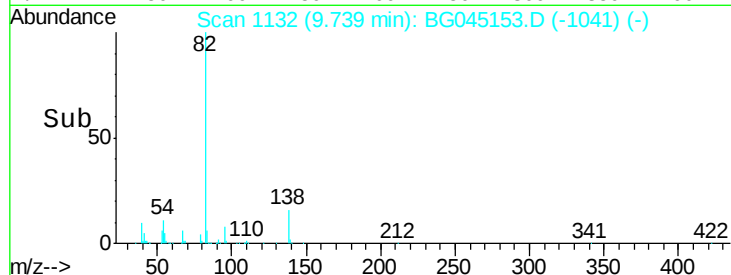
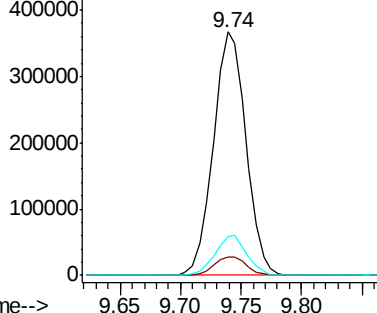
82 100

95 7.8 6.0 9.0

138 16.2 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: 58.757 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

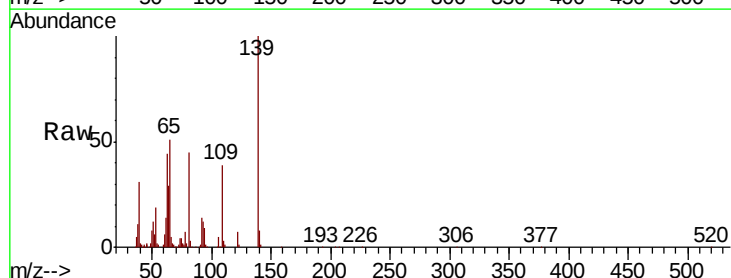
Tgt Ion: 139 Resp: 177657

Ion Ratio Lower Upper

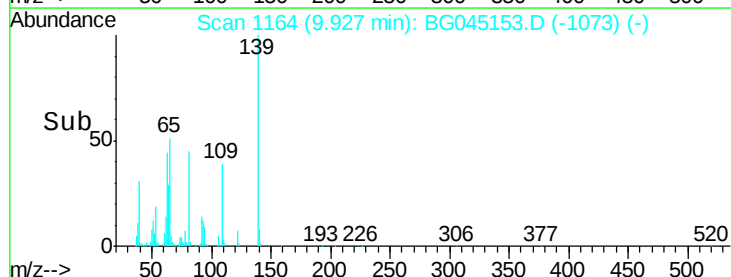
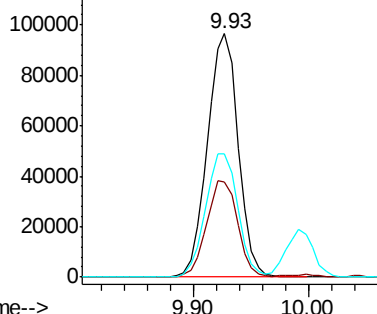
139 100

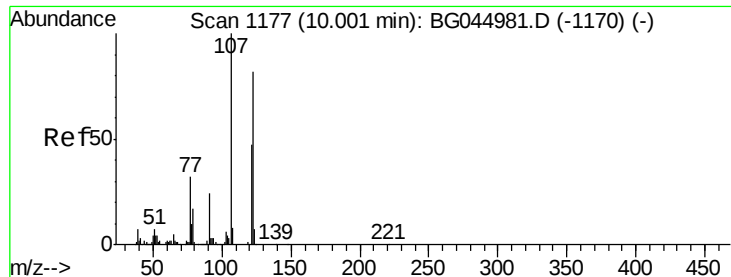
109 38.9 30.6 45.8

65 50.6 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

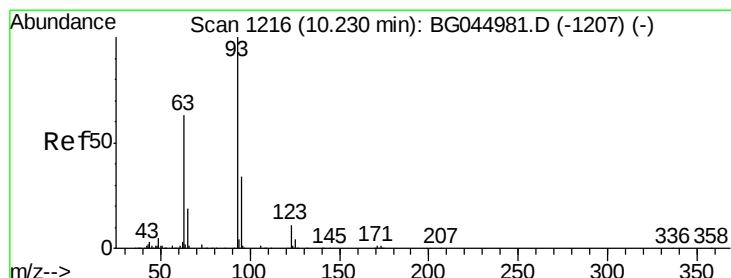
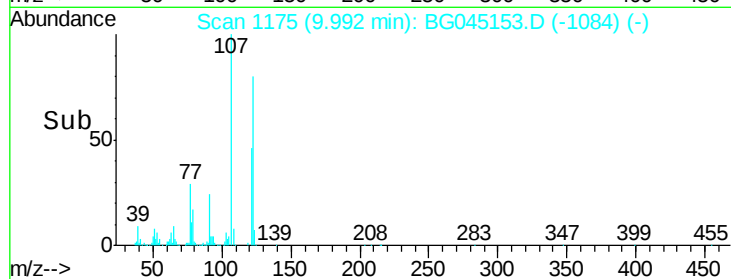
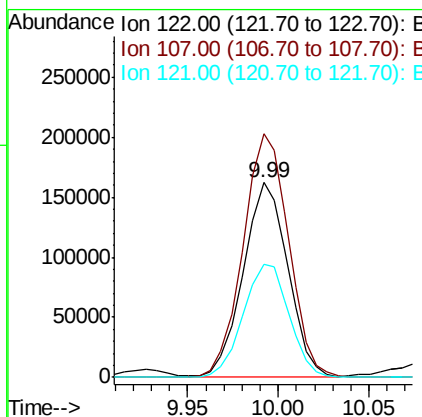
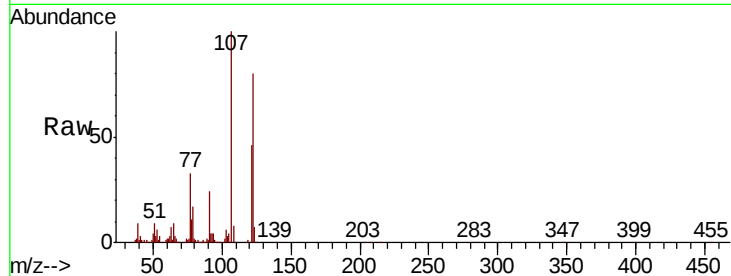




#27
 2,4-Dimethylphenol
 Concen: 57.612 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

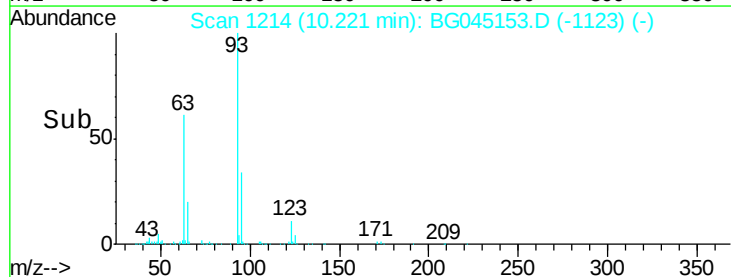
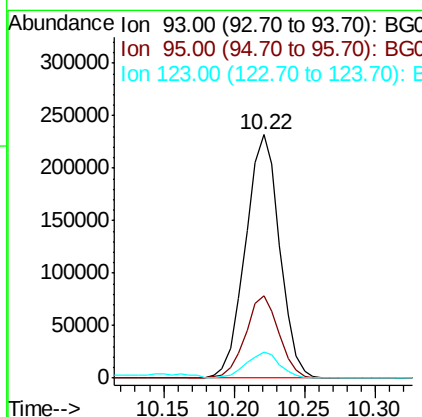
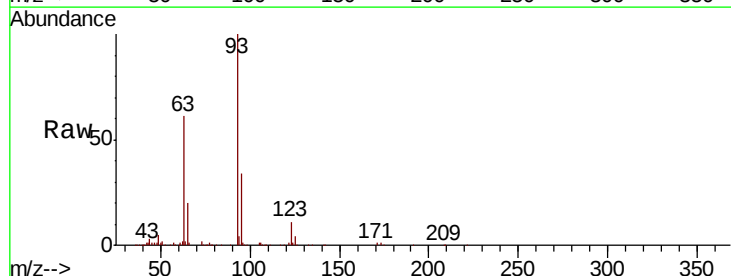
Instrument :
 BNA_G
 ClientSampleId :

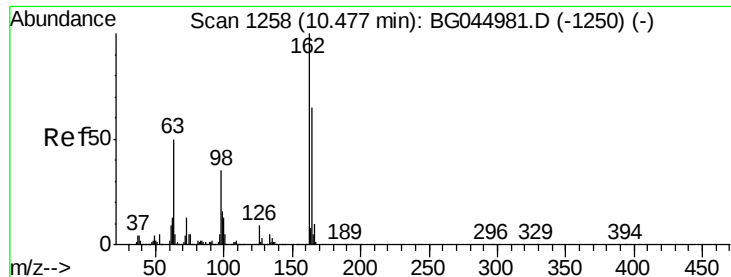
Tot Ion:122 Resp: 276399
 Ion Ratio Lower Upper
 122 100
 107 125.0 96.8 145.2
 121 58.0 45.6 68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.079 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion: 93 Resp: 391096
 Ion Ratio Lower Upper
 93 100
 95 33.7 27.0 40.4
 123 10.8 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 59.158 ng

RT: 10.47 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

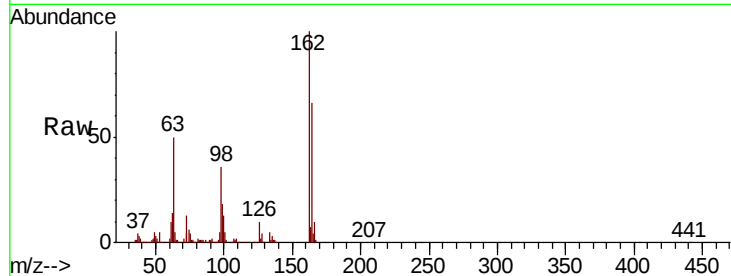
Tot Ion:162 Resp: 327715

Ion Ratio Lower Upper

162 100

164 65.9 45.0 85.0

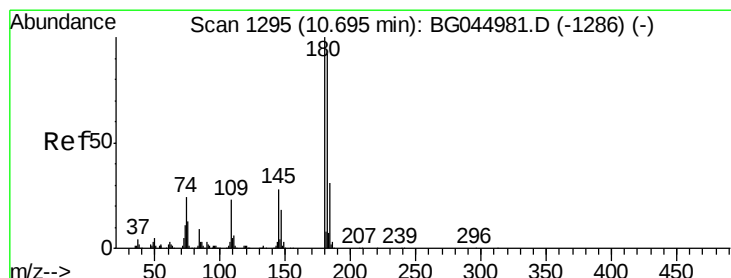
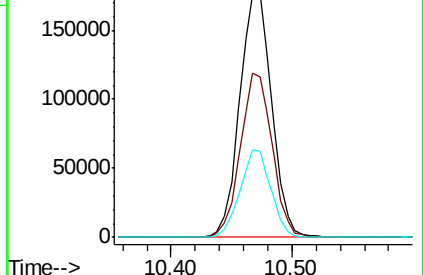
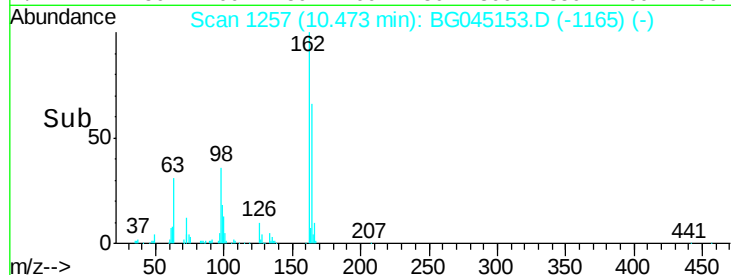
98 35.5 15.2 55.2



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: 56.203 ng

RT: 10.68 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

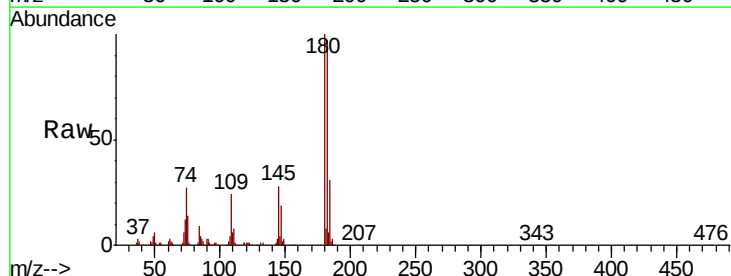
Tgt Ion:180 Resp: 352513

Ion Ratio Lower Upper

180 100

182 96.9 73.3 109.9

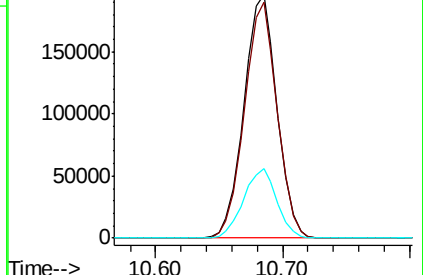
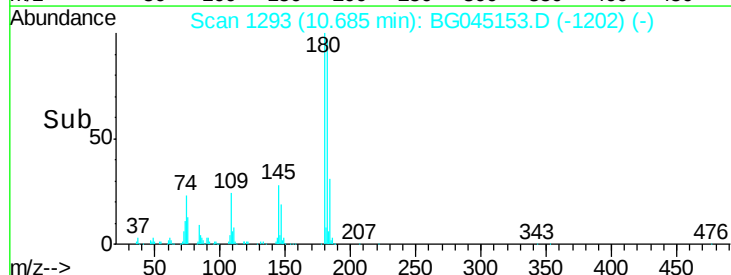
145 28.4 22.6 33.8

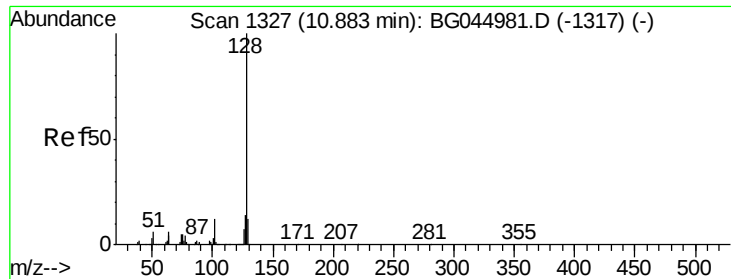


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

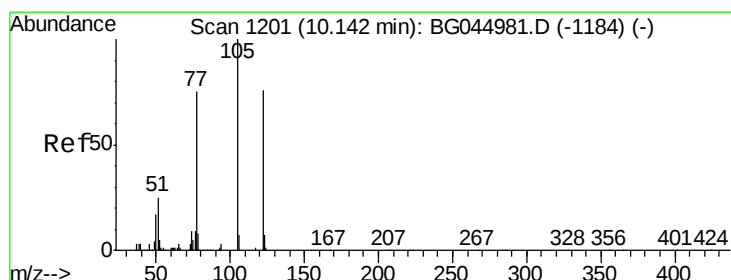
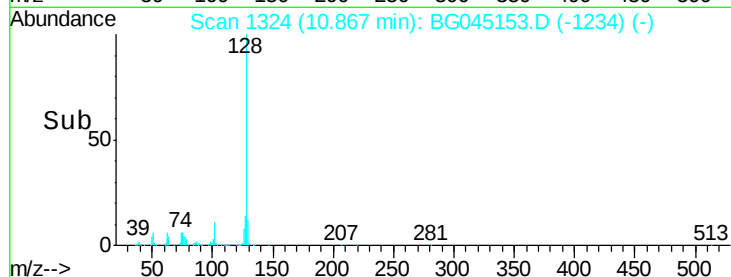
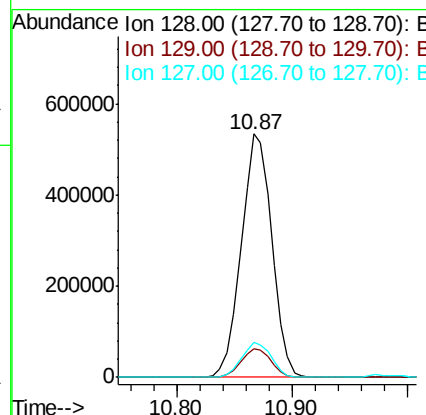
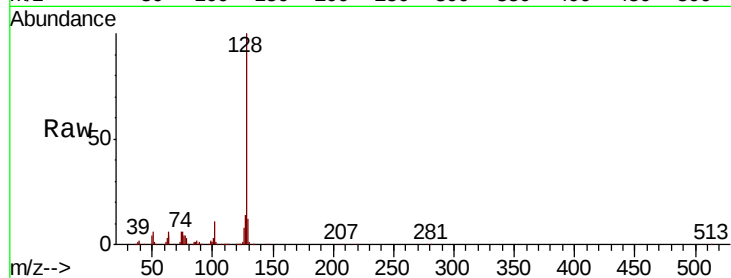




#31
Naphthalene
Concen: 56.958 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

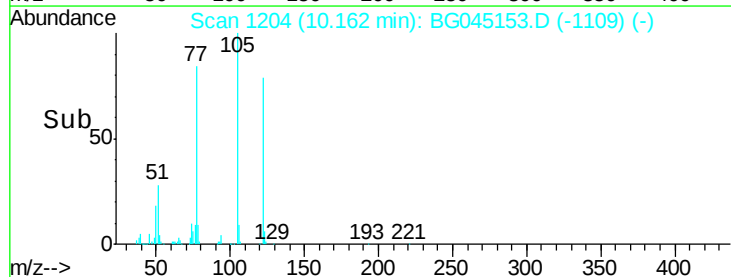
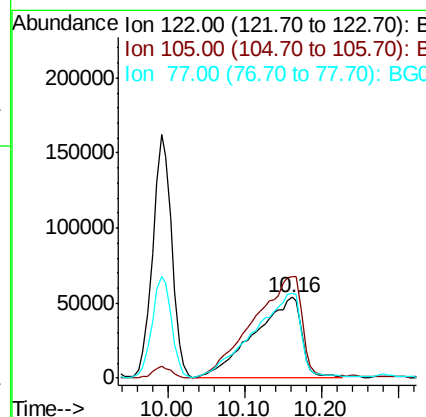
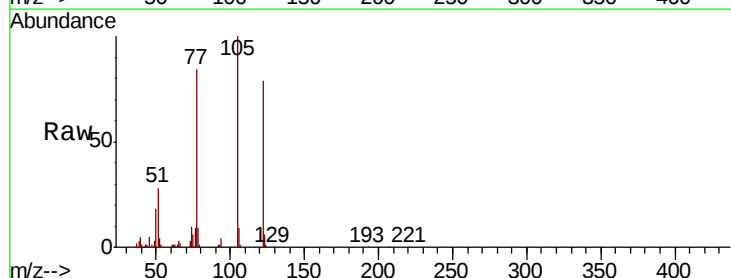
Instrument :
BNA_G
ClientSampleId :

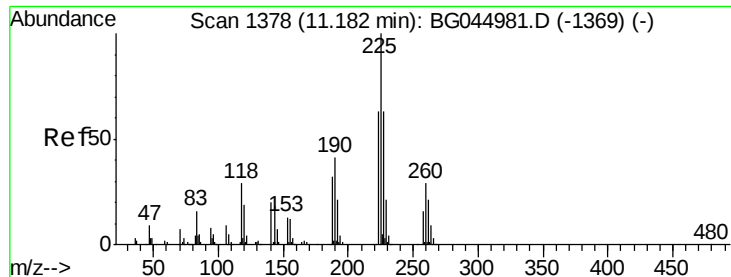
Tot Ion:128 Resp: 973601
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 14.3 10.8 16.2



#32
Benzoic acid
Concen: 57.021 ng
RT: 10.16 min Scan# 1204
Delta R.T. 0.03 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion:122 Resp: 226350
Ion Ratio Lower Upper
122 100
105 126.3 108.4 148.4
77 106.0 78.8 118.8





#34

Hexachlorobutadiene

Concen: 55.800 ng

RT: 11.16 min Scan# 1374

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

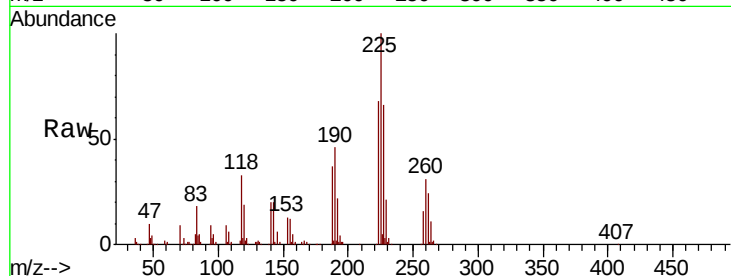
Tot Ion:225 Resp: 239955

Ion Ratio Lower Upper

225 100

223 67.9 50.7 76.1

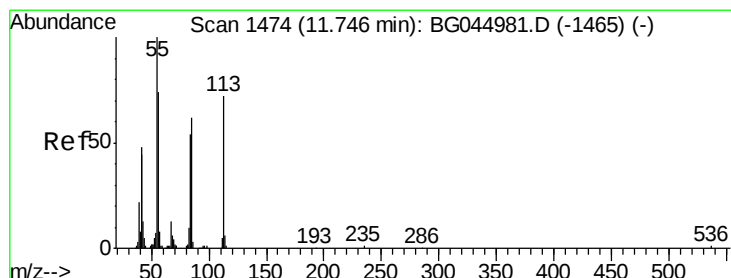
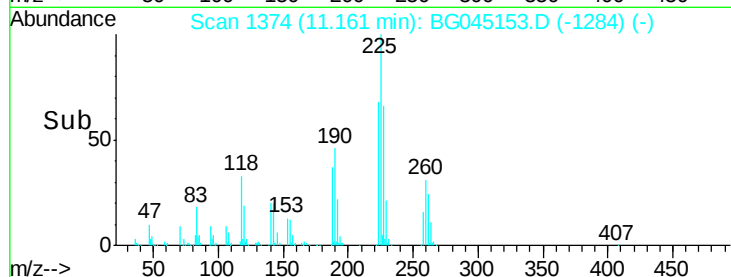
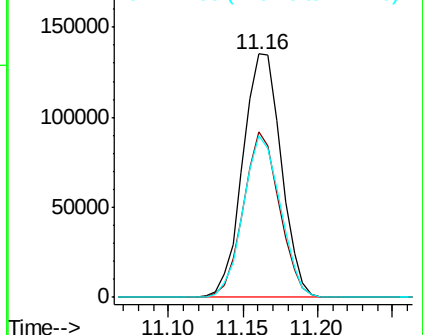
227 66.2 50.2 75.2



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: 23.125 ng

RT: 11.75 min Scan# 1475

Delta R.T. 0.02 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

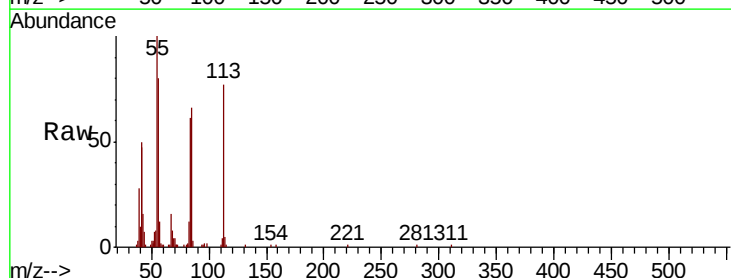
Tgt Ion:113 Resp: 50985

Ion Ratio Lower Upper

113 100

55 129.4 118.8 158.8

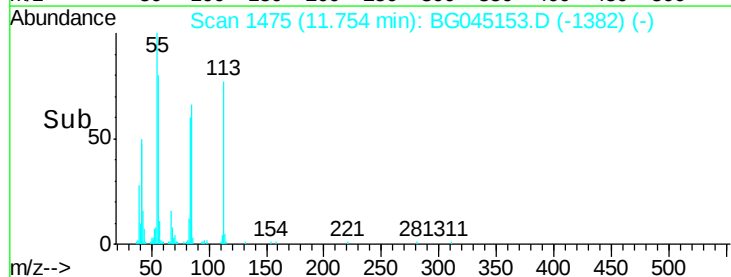
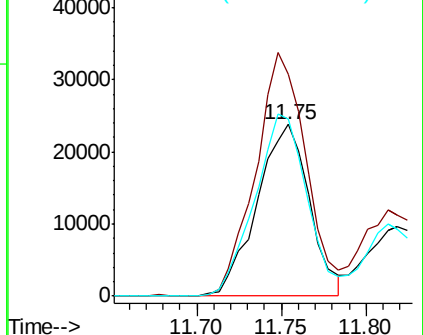
56 103.2 82.6 122.6

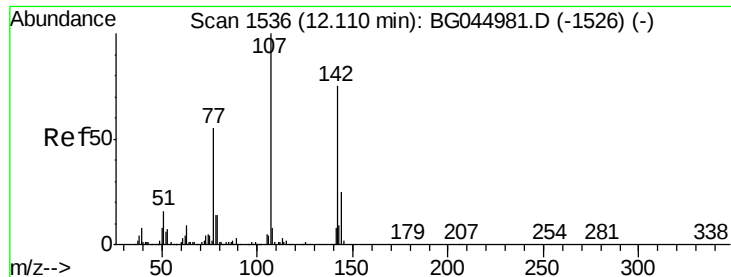


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0

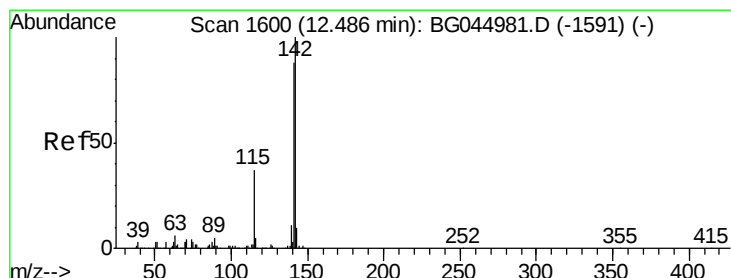
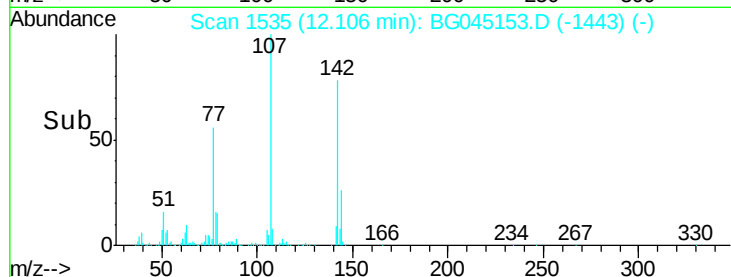
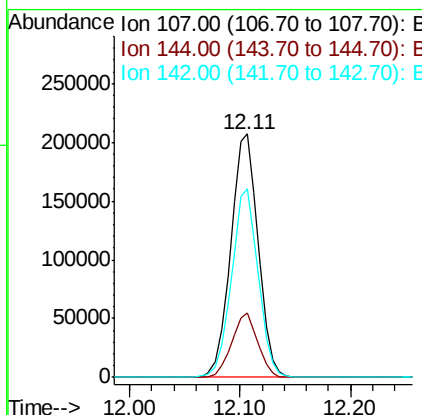
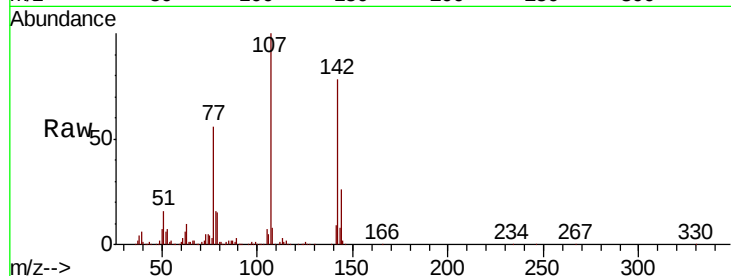




#36
 4-Chloro-3-methylphenol
 Concen: 55.412 ng
 RT: 12.11 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

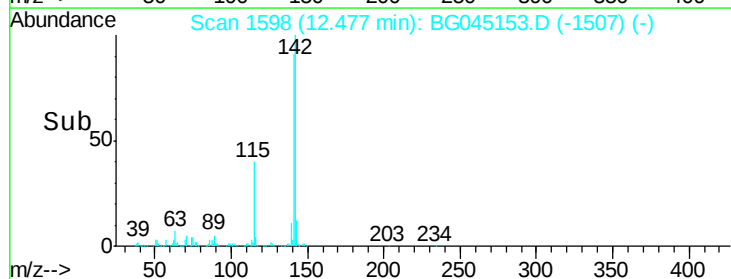
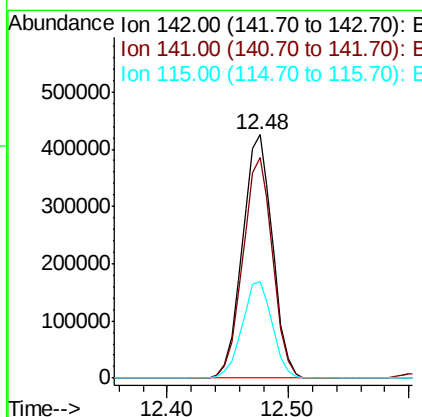
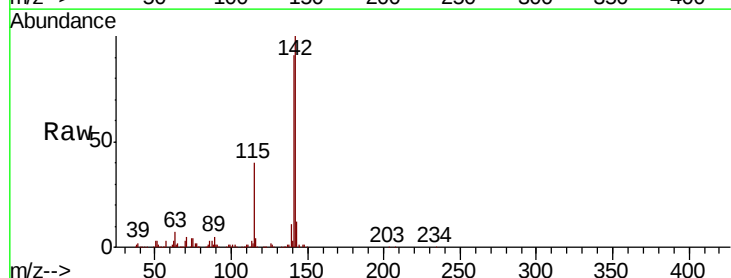
Instrument :
 BNA_G
 ClientSampleId :

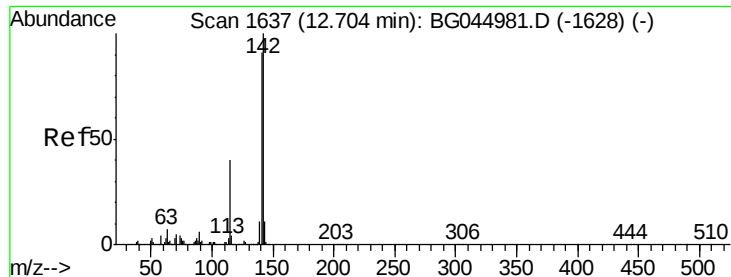
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	19.8	29.6
142	77.5	59.7	89.5



#37
 2-Methylnaphthalene
 Concen: 55.314 ng
 RT: 12.48 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5
115	39.8	29.8	44.6

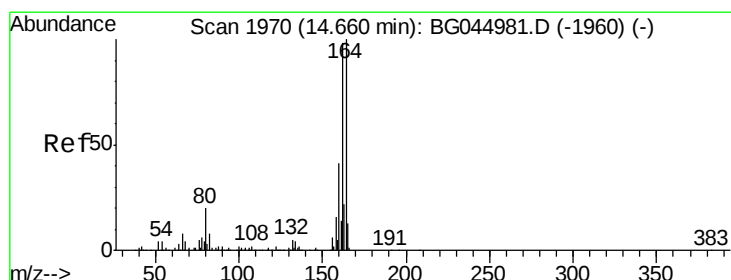
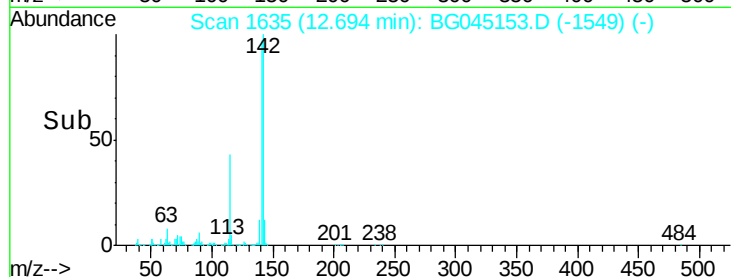
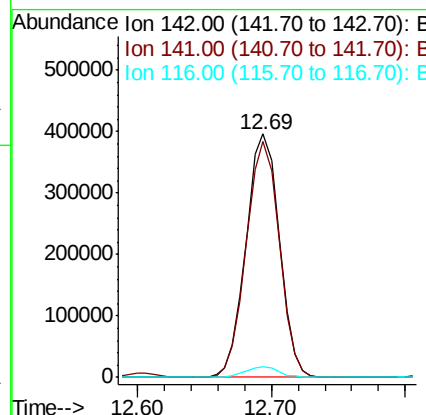
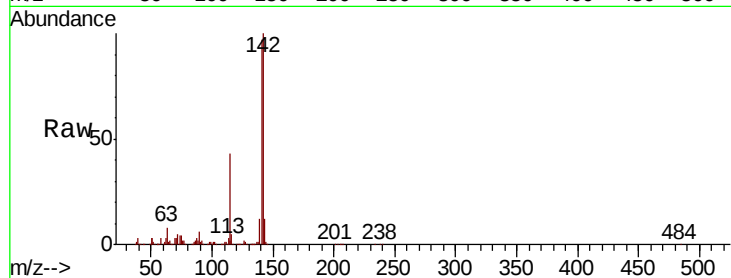




#38
1-Methylnaphthalene
Concen: 54.528 ng
RT: 12.69 min Scan# 1635
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

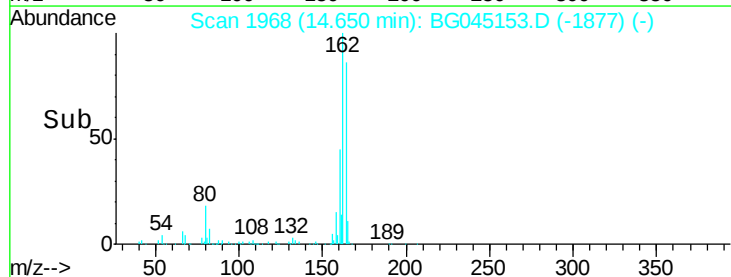
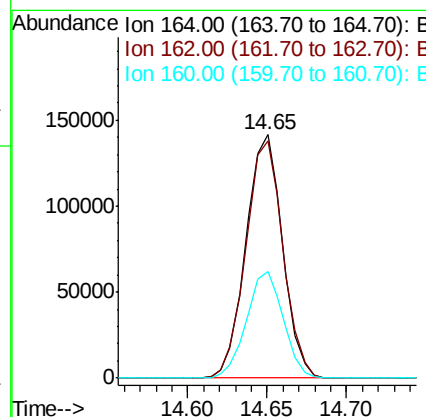
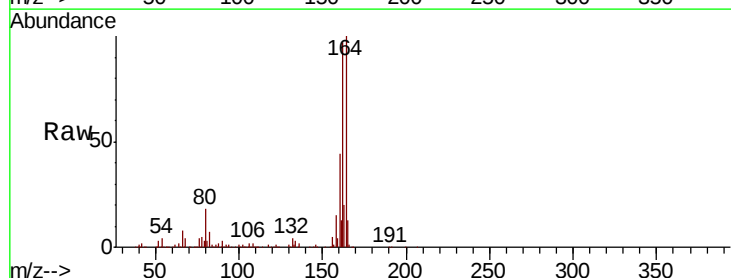
Instrument :
BNA_G
ClientSampleId :

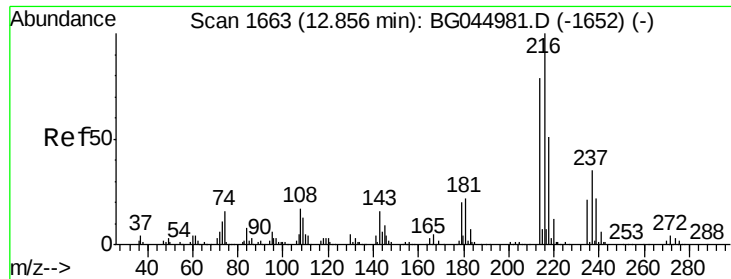
Tot Ion	Ratio	Lower	Upper
142	100		
141	96.8	72.7	109.1
116	4.6	3.1	4.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.2	78.7	118.1
160	43.7	32.8	49.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.019 ng

RT: 12.85 min Scan# 1661

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 408544

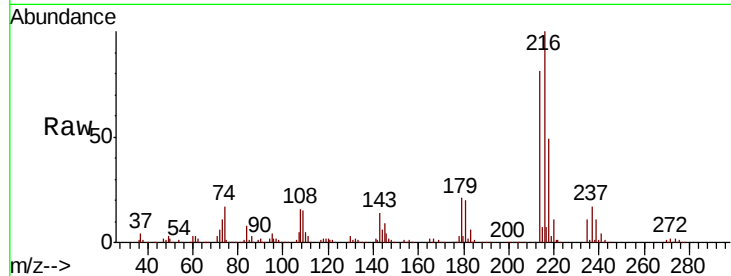
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.6

179 20.8 15.8 23.8

108 17.8 14.2 21.2

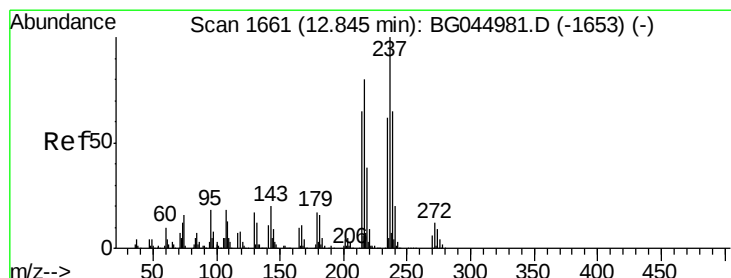
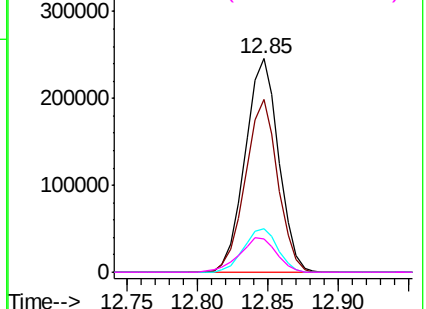
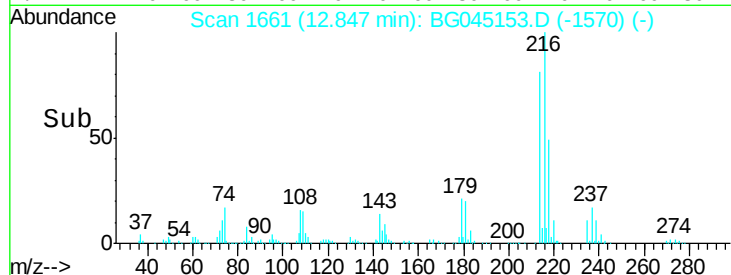


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

Hexachlorocyclopentadiene

Concen: 60.375 ng

RT: 12.83 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

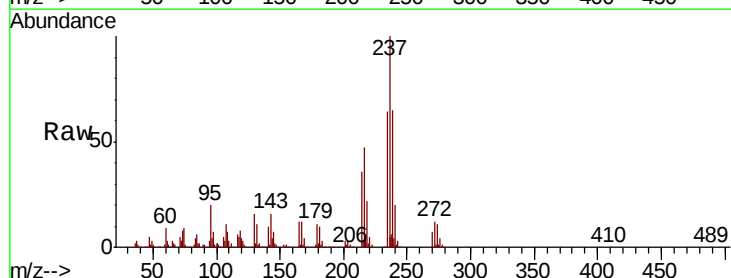
Tgt Ion:237 Resp: 275198

Ion Ratio Lower Upper

237 100

235 63.5 41.6 81.6

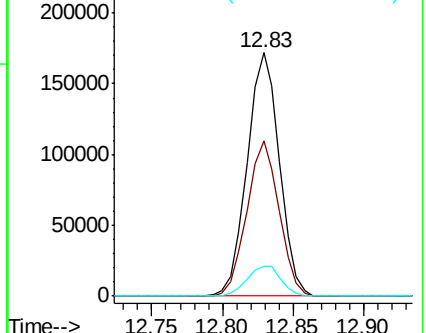
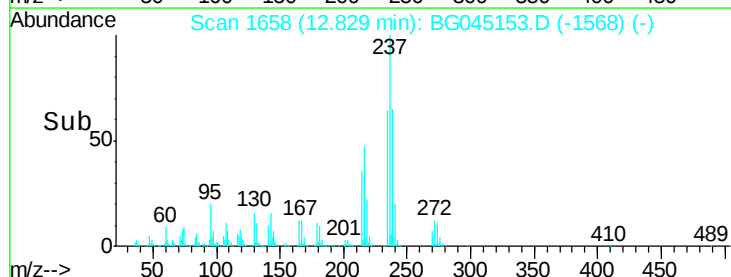
272 12.4 0.0 32.1

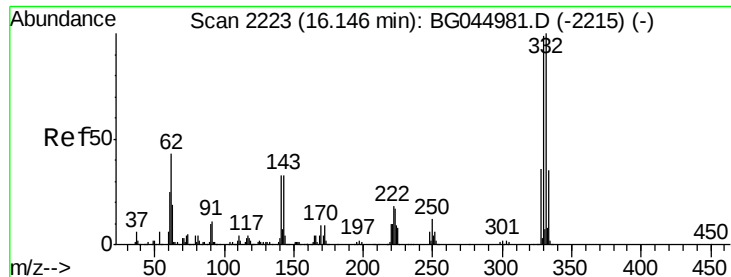


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

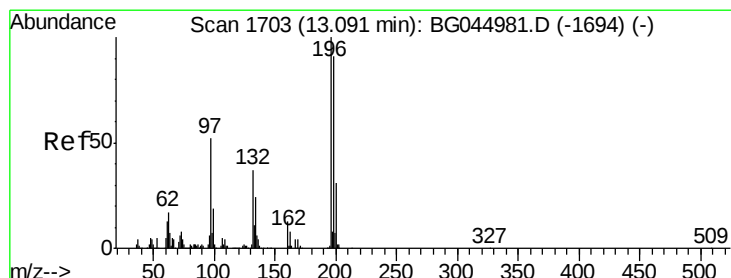
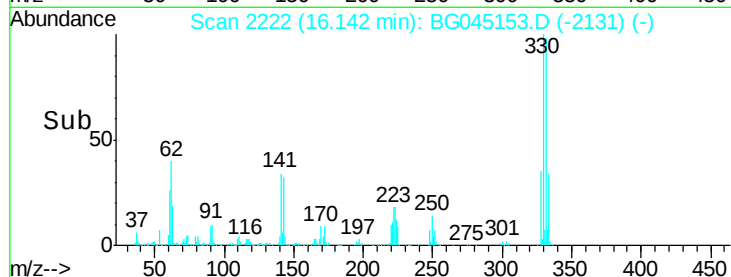
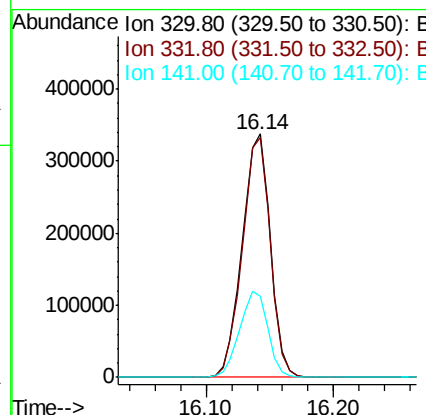
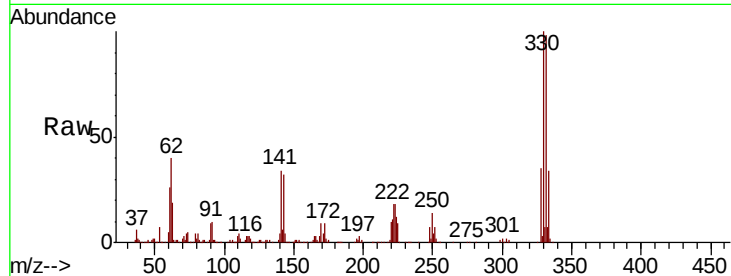




#42
 2,4,6-Tribromophenol
 Concen: 148.385 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

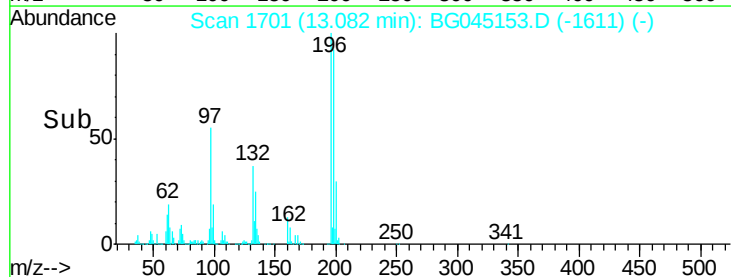
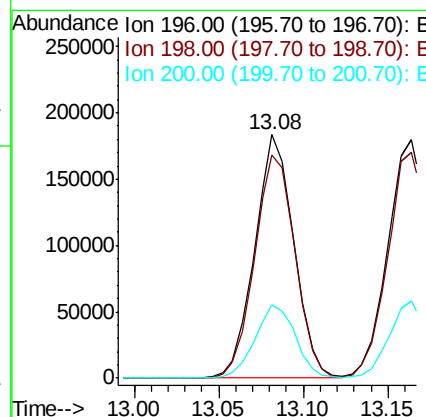
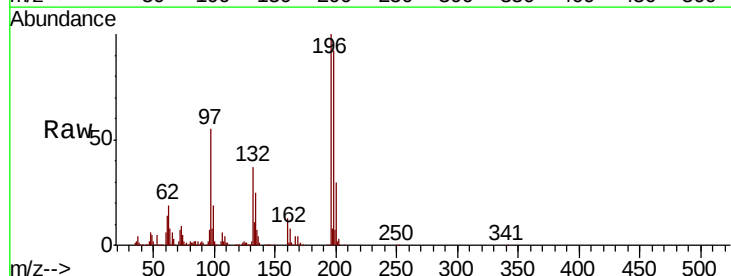
Instrument :
 BNA_G
 ClientSampleId :

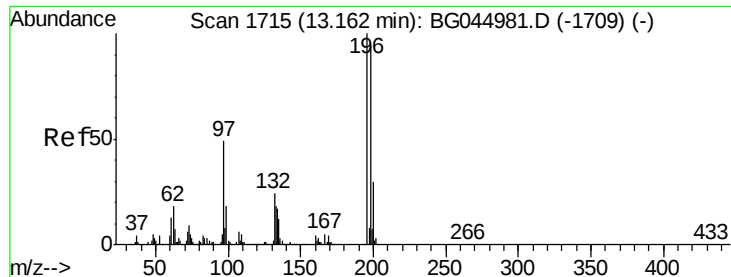
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	35.1	27.1	40.7



#43
 2,4,6-Trichlorophenol
 Concen: 57.149 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.7	72.5	108.7
200	30.2	24.5	36.7

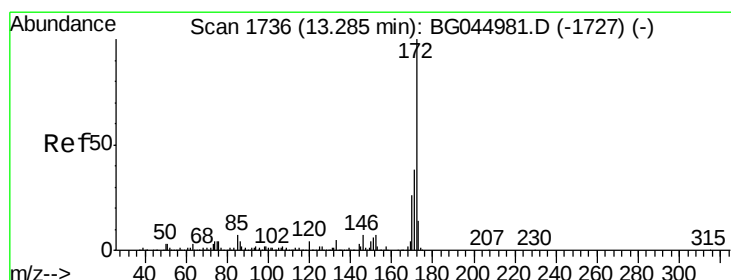
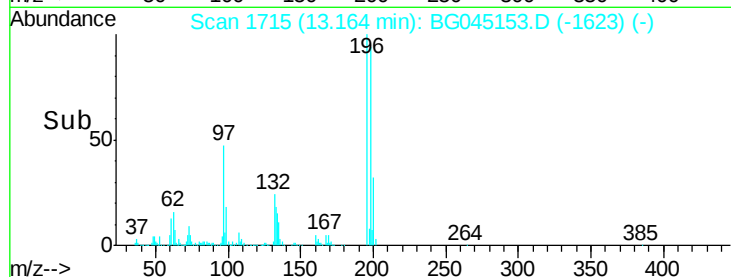
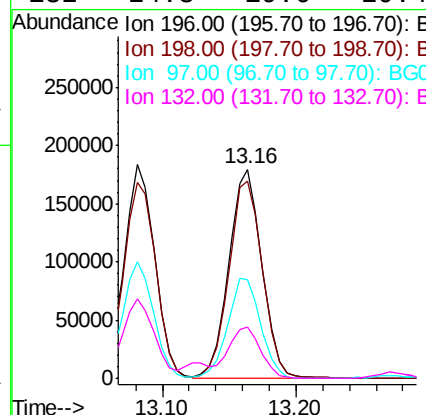
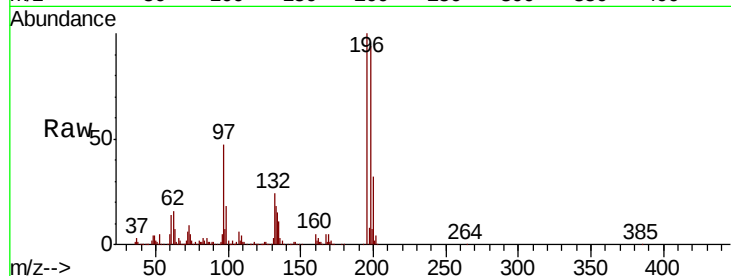




#44
 2,4,5-Trichlorophenol
 Concen: 52.582 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

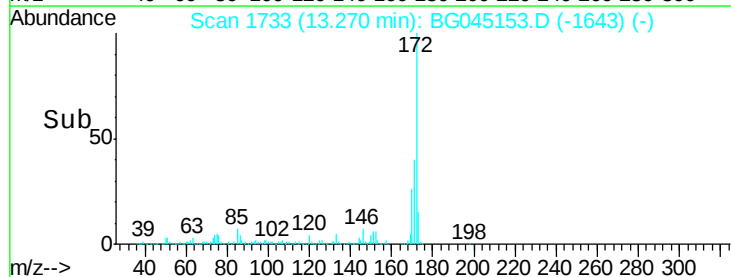
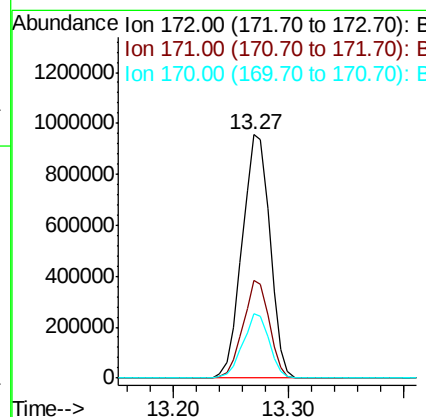
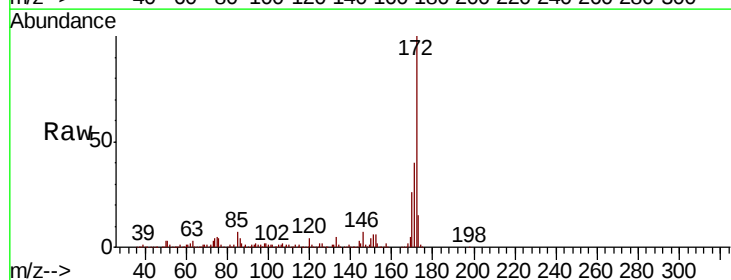
Instrument :
 BNA_G
 ClientSampled :

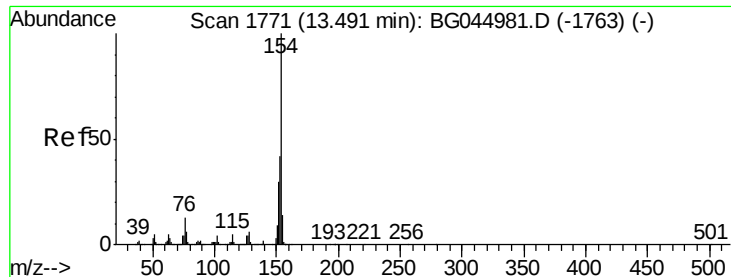
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	75.7	113.5
97	47.0	39.6	59.4
132	24.3	19.6	29.4



#45
 2-Fluorobiphenyl
 Concen: 102.746 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.2	30.6	46.0
170	26.5	20.5	30.7

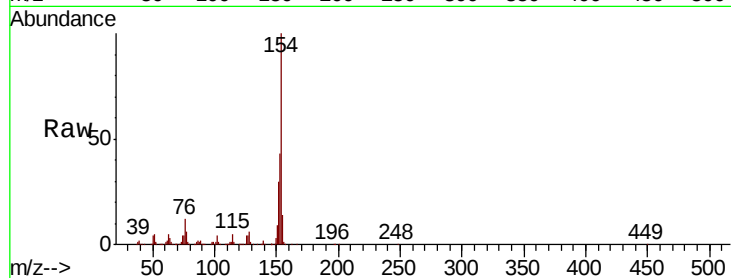




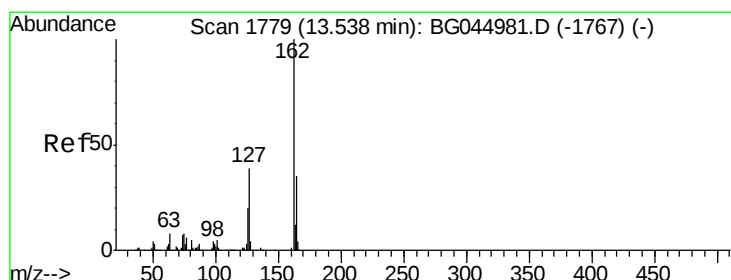
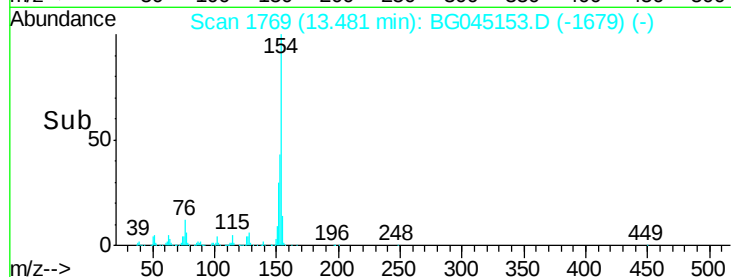
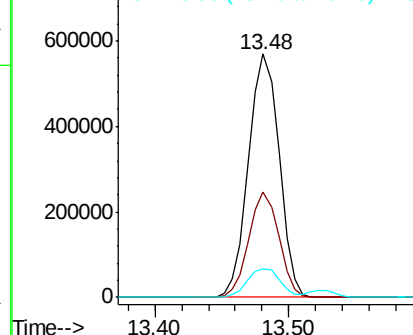
#46
 1,1'-Biphenyl
 Concen: 52.348 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	21.9	61.9
76	11.9	0.0	33.1

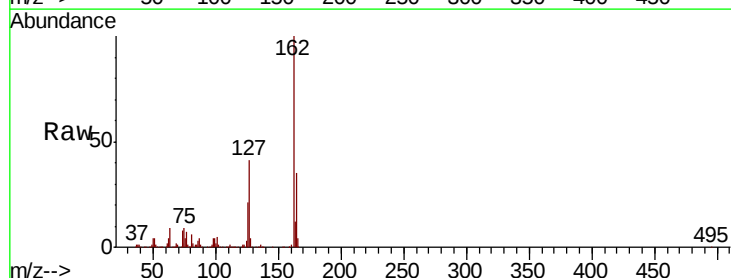


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

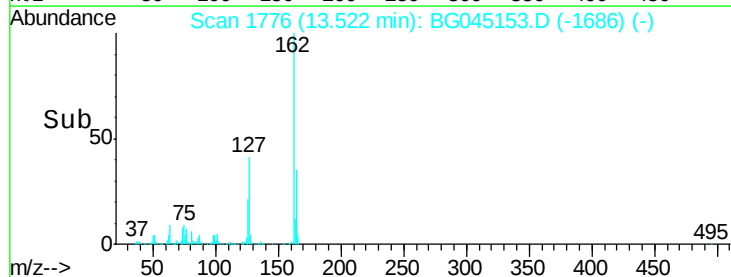
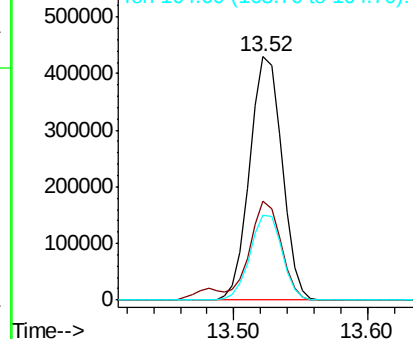


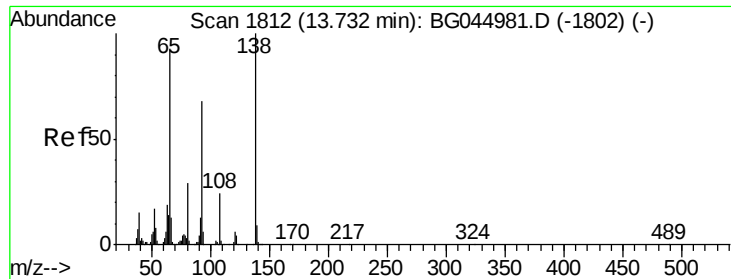
#47
 2-Chloronaphthalene
 Concen: 54.510 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.3	46.9
164	34.7	27.8	41.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

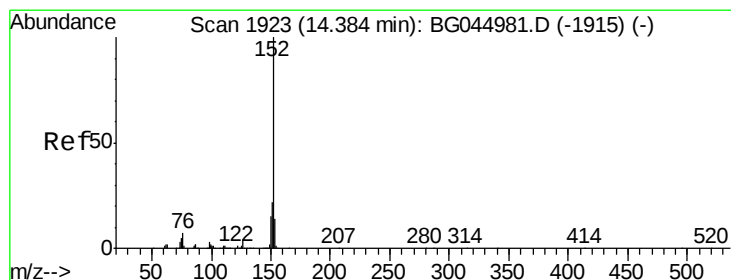
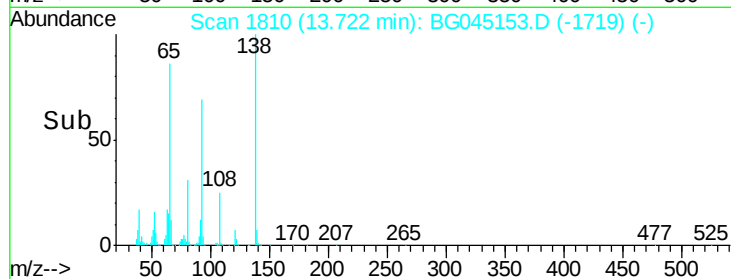
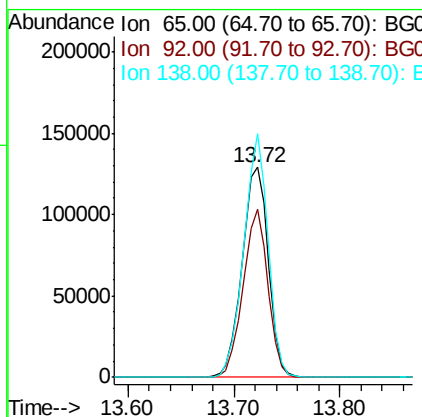
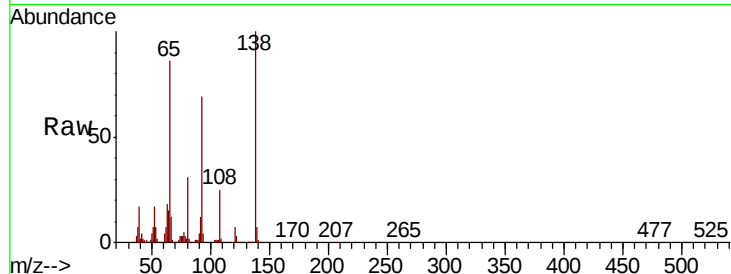




#48
2-Nitroaniline
Concen: 51.457 ng
RT: 13.72 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

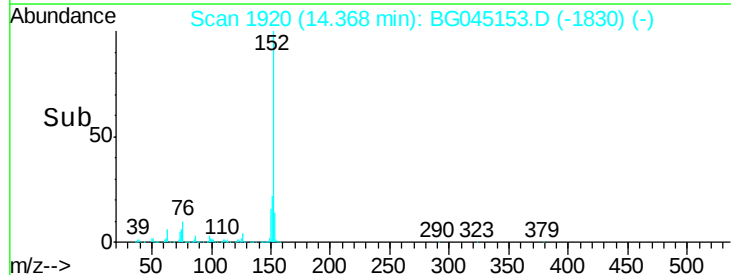
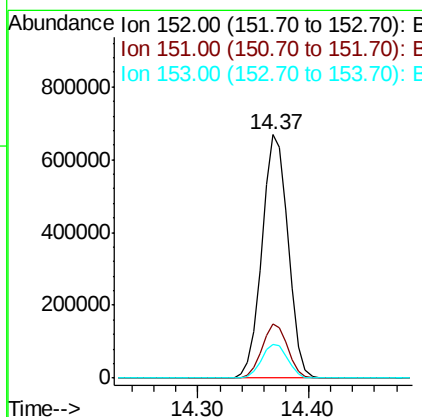
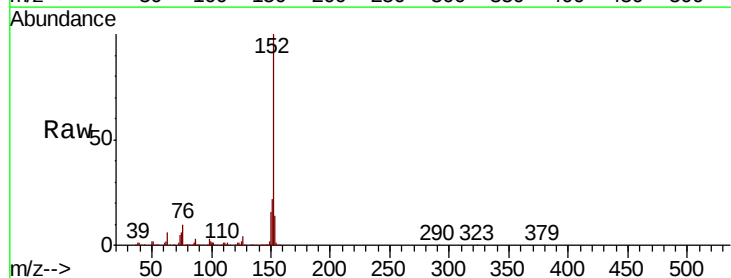
Instrument :
BNA_G
ClientSampleId :

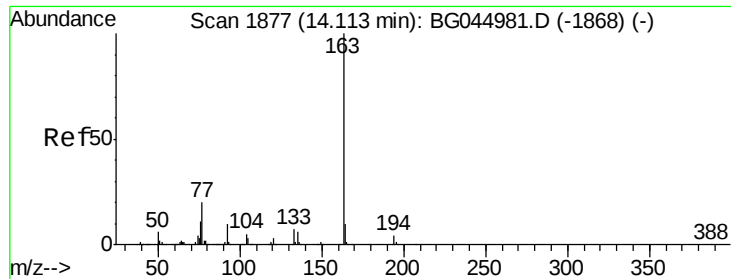
Tot Ion	Ratio	Lower	Upper
65	100		
92	79.8	58.3	87.5
138	115.9	85.6	128.4



#49
Acenaphthylene
Concen: 51.735 ng
RT: 14.37 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.2	25.8
153	14.1	11.0	16.4

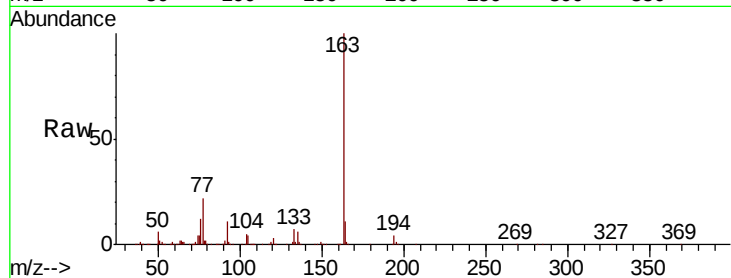




#50
Dimethylphthalate
Concen: 49.797 ng
RT: 14.10 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	163	Resp	918413
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.9	8.2	12.4

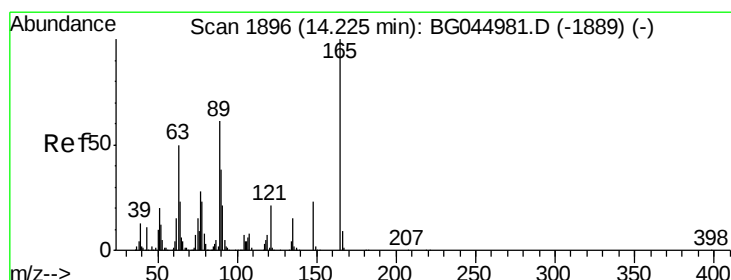
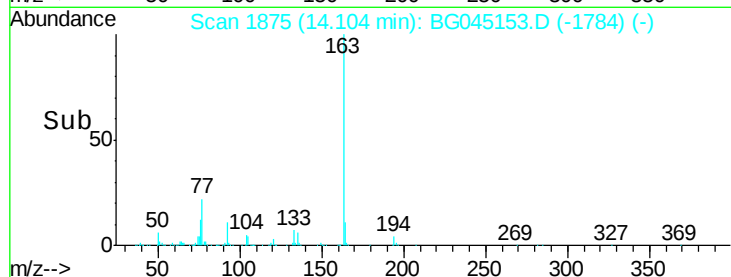
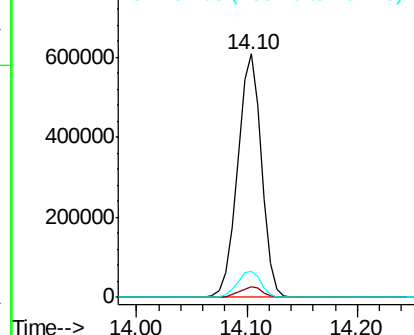


Abundance

Ion 163.00 (162.70 to 163.70): E

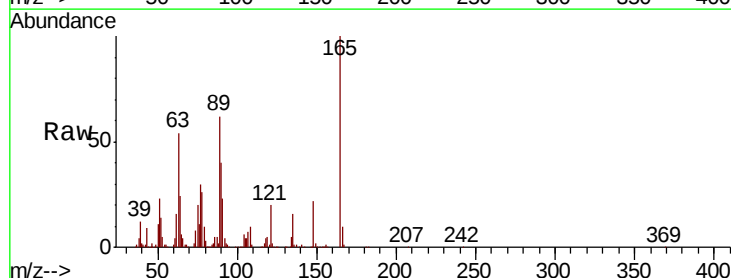
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 51.193 ng
RT: 14.22 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion	165	Resp	211182
Ion Ratio	Lower	Upper	
165	100		
63	53.8	40.4	60.6
89	62.2	49.1	73.7

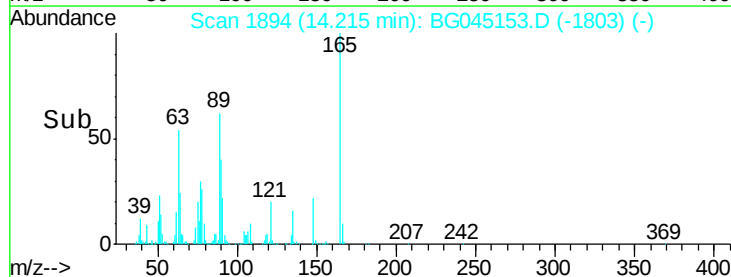
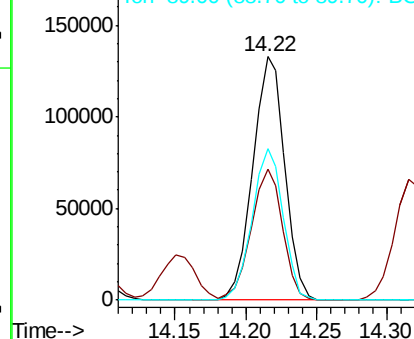


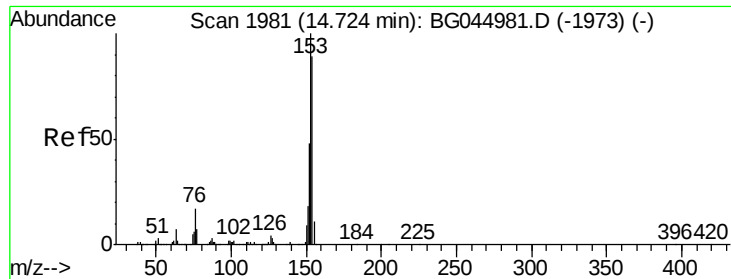
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#52

Acenaphthene

Concen: 49.602 ng

RT: 14.71 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

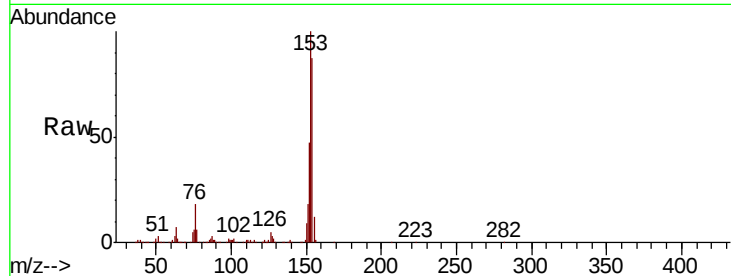
Tot Ion:154 Resp: 719108

Ion Ratio Lower Upper

154 100

153 115.4 89.7 134.5

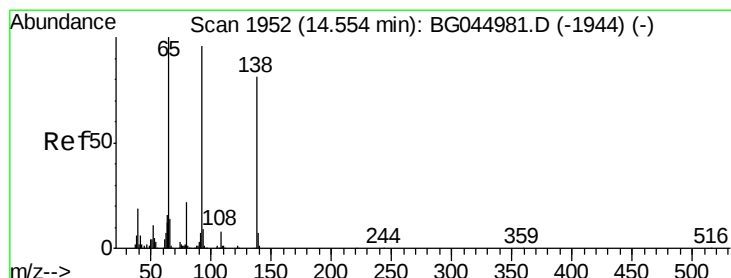
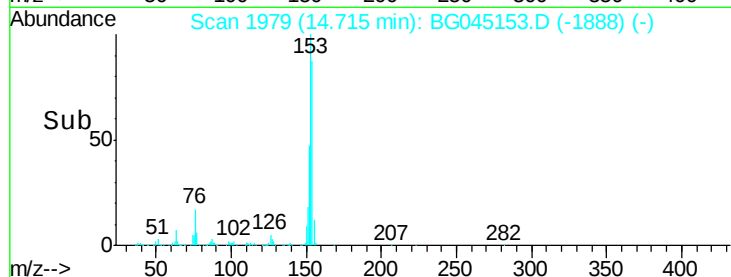
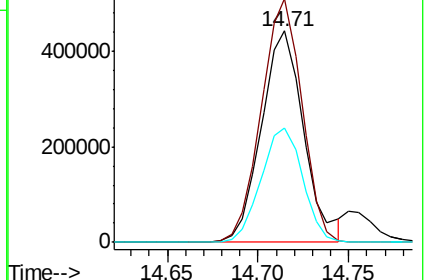
152 54.1 43.1 64.7



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: 10.778 ng

RT: 14.54 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

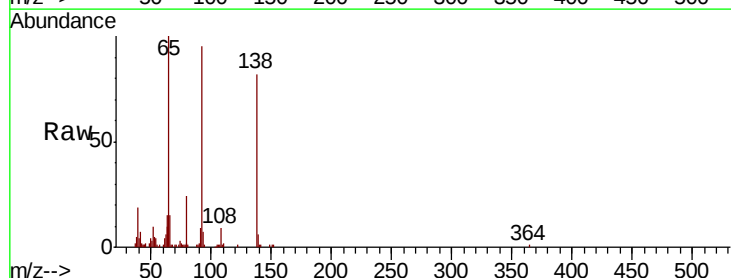
Tgt Ion:138 Resp: 48766

Ion Ratio Lower Upper

138 100

108 11.4 7.8 11.8

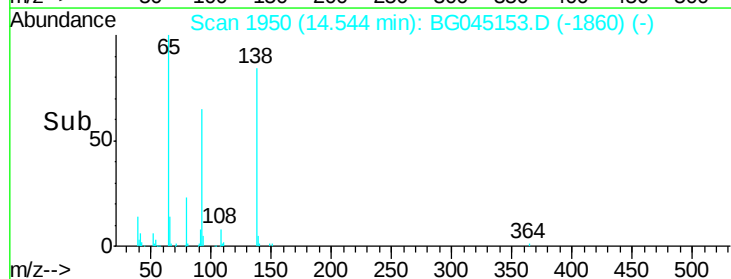
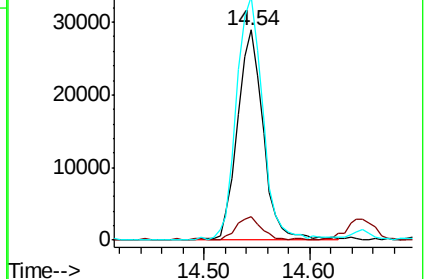
92 115.9 94.5 141.7

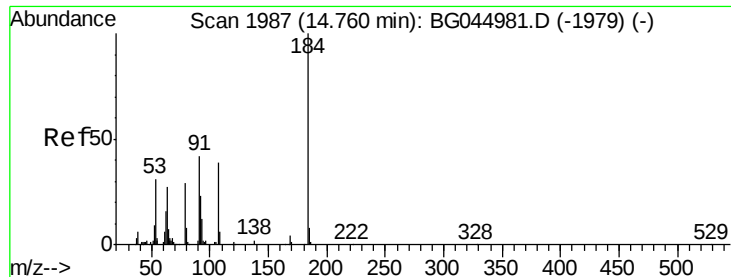


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

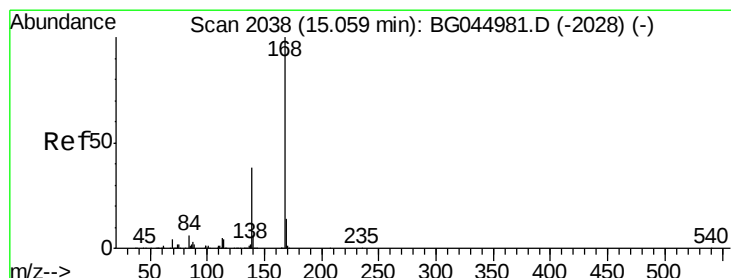
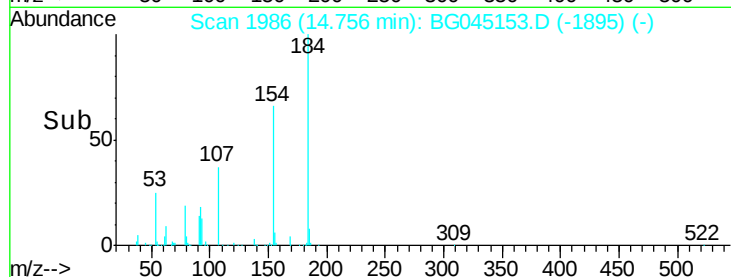
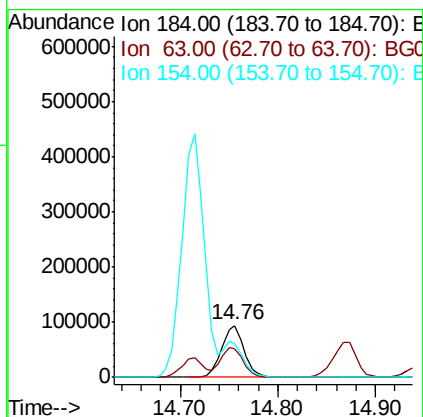
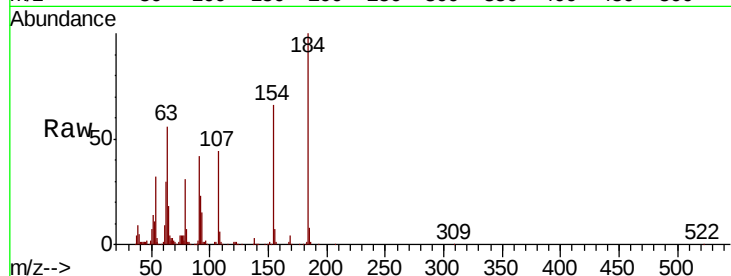




#54
2,4-Dinitrophenol
Concen: 61.386 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

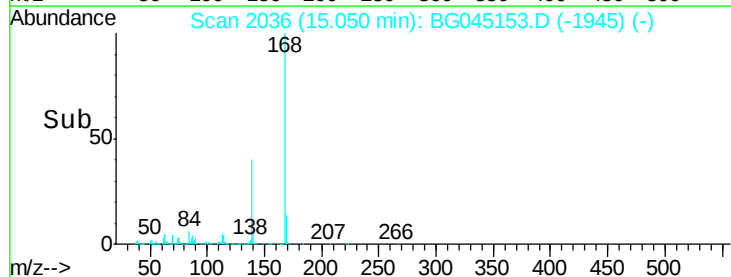
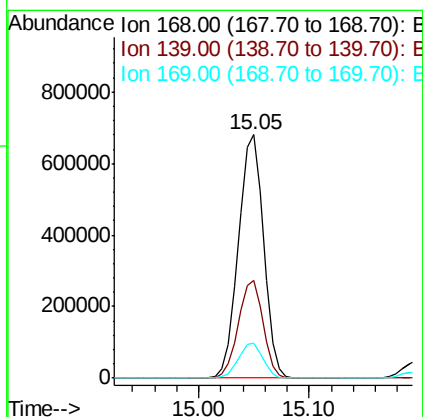
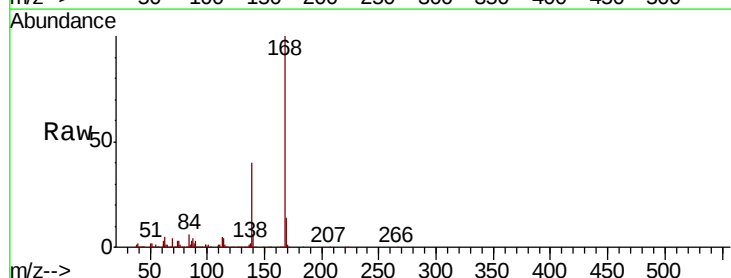
Instrument :
BNA_G
ClientSampled :

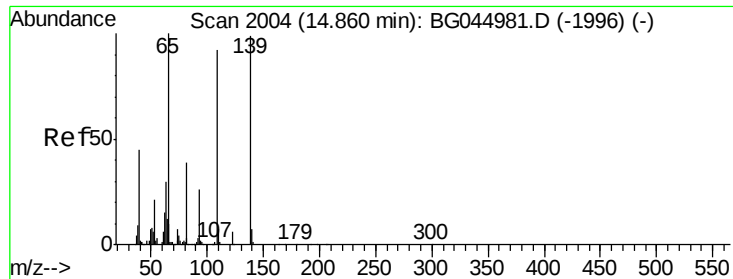
Tot Ion:184 Resp: 150577
Ion Ratio Lower Upper
184 100
63 55.8 41.5 62.3
154 66.2 52.3 78.5



#55
Dibenzofuran
Concen: 51.688 ng
RT: 15.05 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion:168 Resp: 1092492
Ion Ratio Lower Upper
168 100
139 40.0 30.4 45.6
169 14.1 11.0 16.4

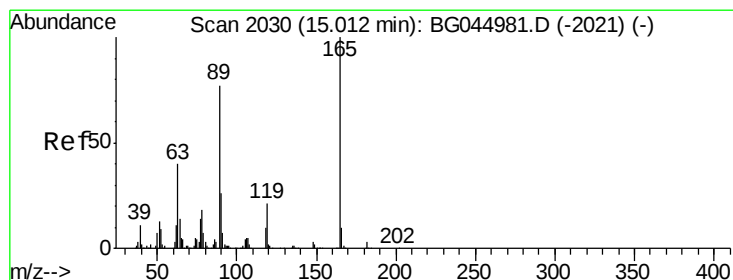
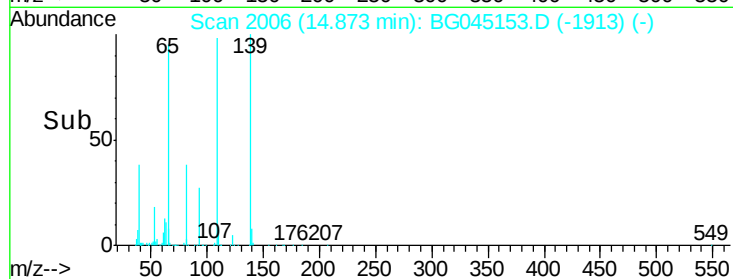
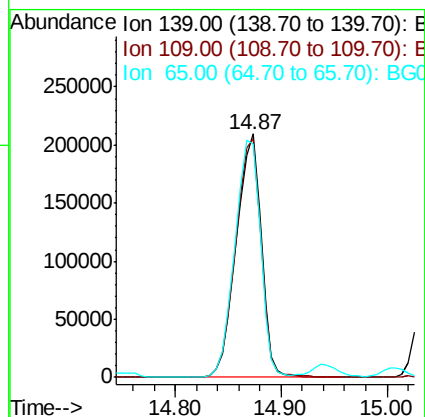
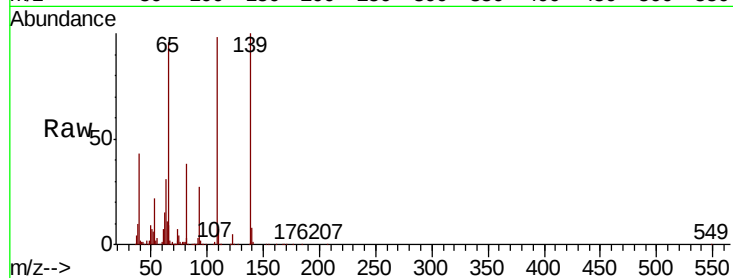




#56
4-Nitrophenol
Concen: 97.563 ng
RT: 14.87 min Scan# 2006
Delta R.T. 0.02 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

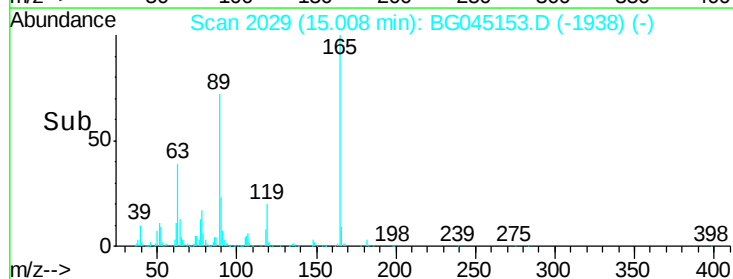
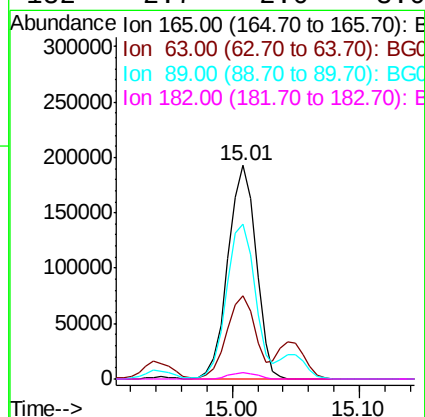
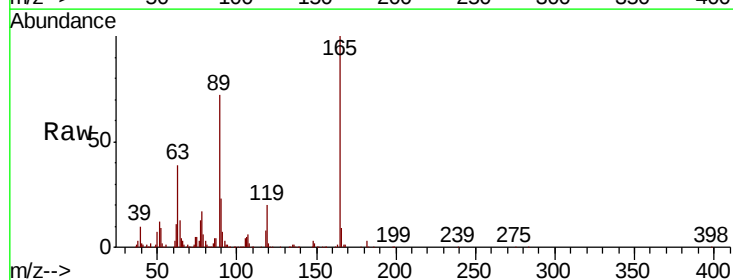
Instrument :
BNA_G
ClientSampled :

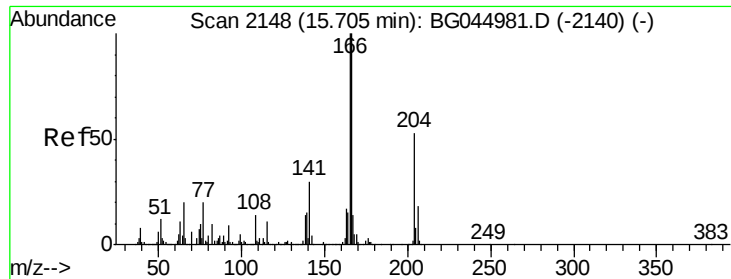
Tot Ion:139 Resp: 342255
Ion Ratio Lower Upper
139 100
109 97.8 73.6 113.6
65 95.9 81.2 121.2



#57
2,4-Dinitrotoluene
Concen: 48.993 ng
RT: 15.01 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion:165 Resp: 295357
Ion Ratio Lower Upper
165 100
63 38.7 32.2 48.2
89 72.4 61.7 92.5
182 2.7 2.0 3.0

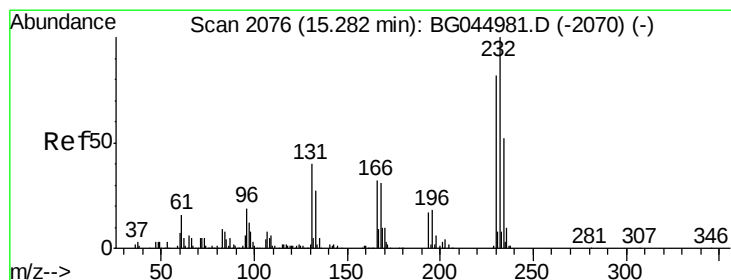
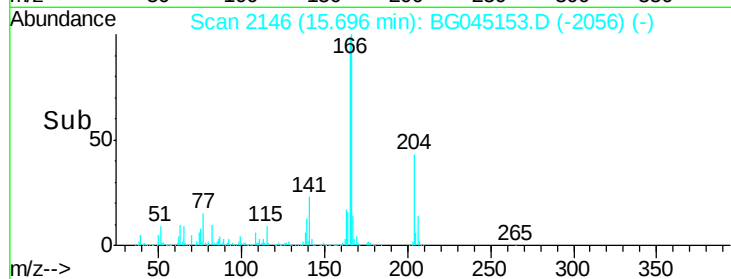
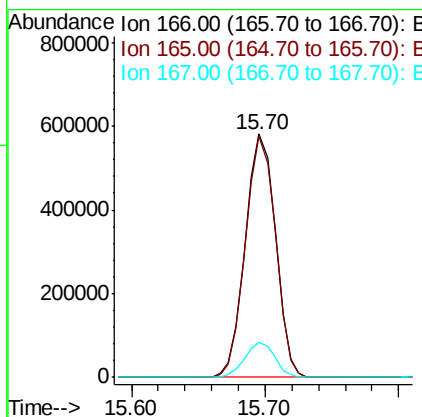
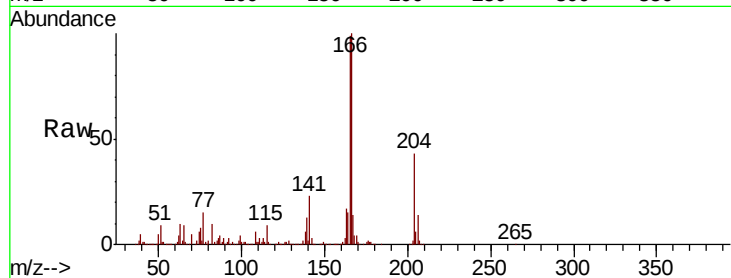




#58
 Fluorene
 Concen: 52.576 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

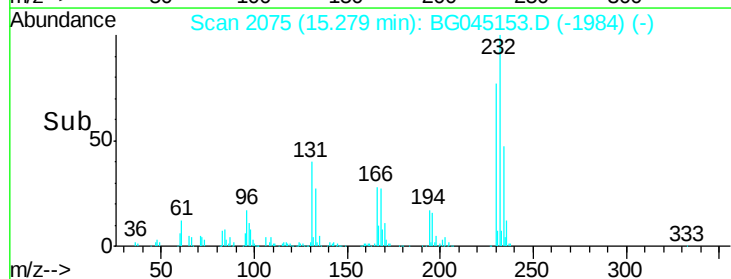
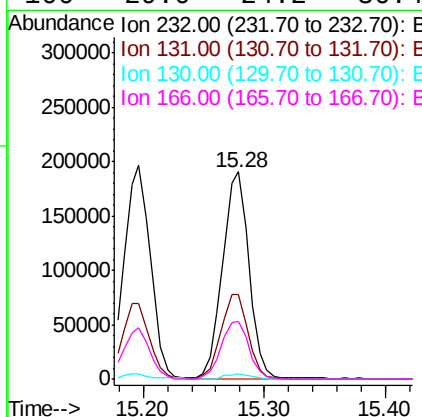
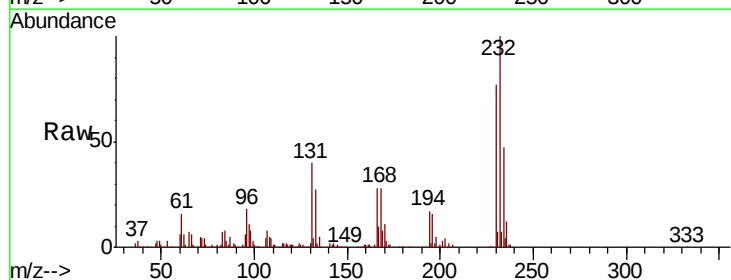
Instrument :
 BNA_G
 ClientSampleId :

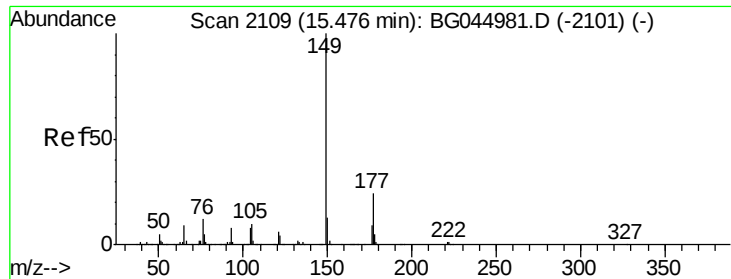
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.9	119.9
167	14.5	11.4	17.0



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.308 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
232	100		
131	42.4	32.2	48.2
130	2.4	2.2	3.2
166	29.0	24.2	36.4





#60

Diethylphthalate

Concen: 48.385 ng

RT: 15.47 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

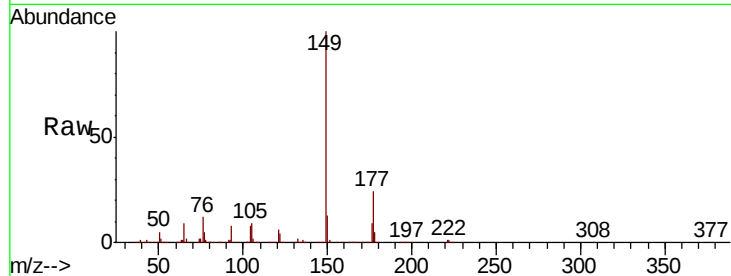
Tot Ion:149 Resp: 930384

Ion Ratio Lower Upper

149 100

177 23.7 18.9 28.3

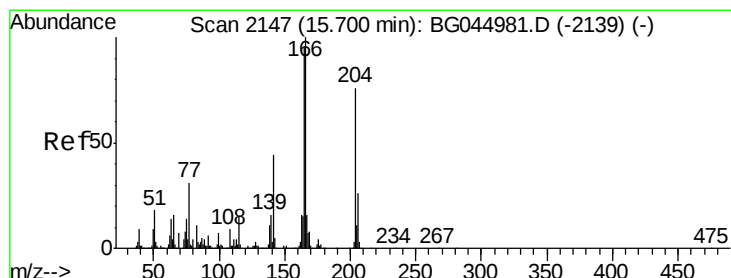
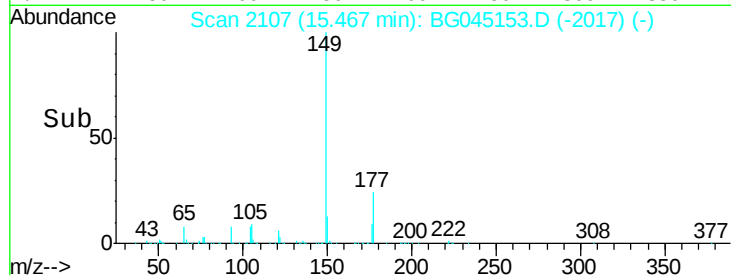
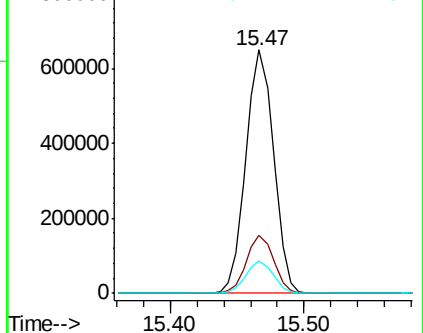
150 13.2 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#61

4-Chlorophenyl-phenylether

Concen: 50.824 ng

RT: 15.69 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

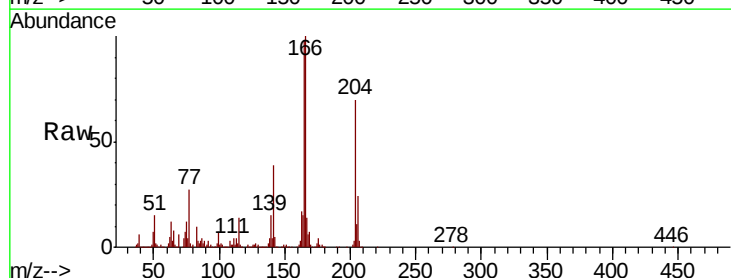
Tgt Ion:204 Resp: 505049

Ion Ratio Lower Upper

204 100

206 34.7 26.9 40.3

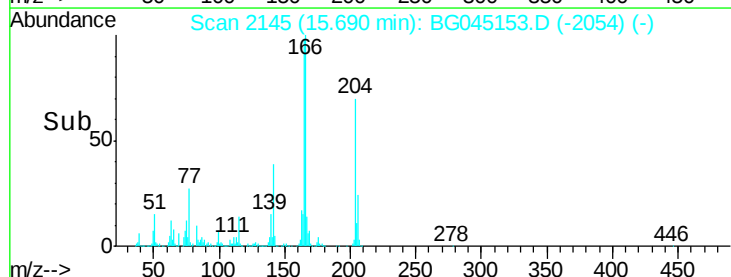
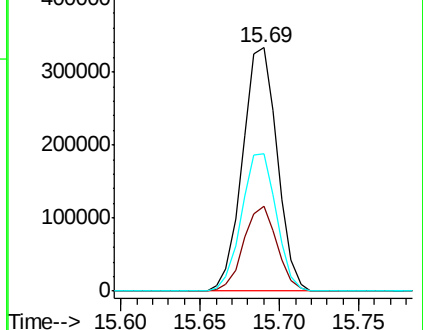
141 56.5 46.3 69.5

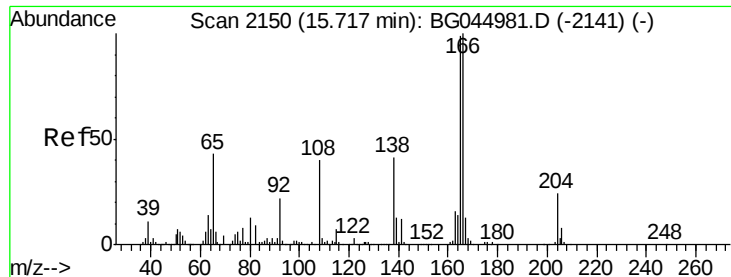


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

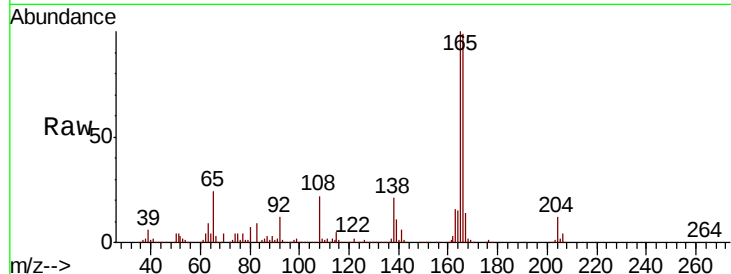




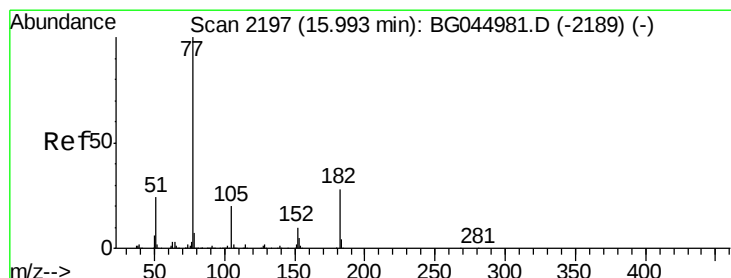
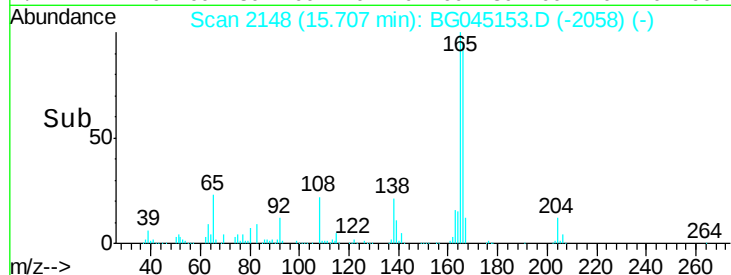
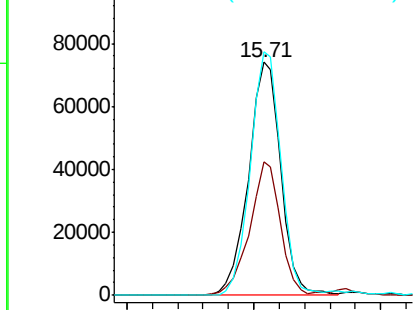
#62
4-Nitroaniline
Concen: 28.065 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 131701
Ion Ratio Lower Upper
138 100
92 57.5 33.6 73.6
108 104.5 78.2 118.2

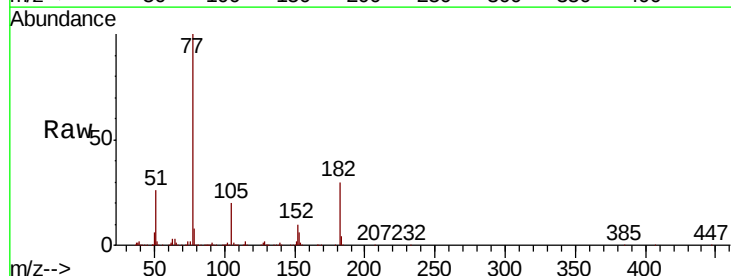


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

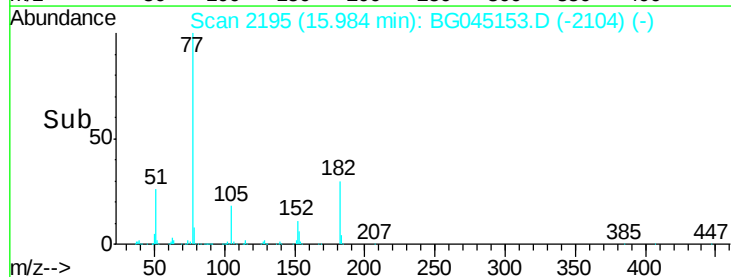
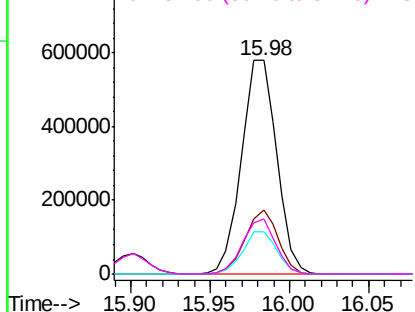


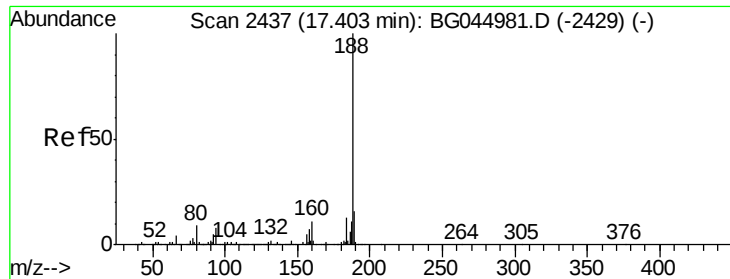
#63
Azobenzene
Concen: 50.398 ng
RT: 15.98 min Scan# 2195
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion: 77 Resp: 893462
Ion Ratio Lower Upper
77 100
182 29.8 8.4 48.4
105 19.9 0.5 40.5
51 25.6 4.4 44.4



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

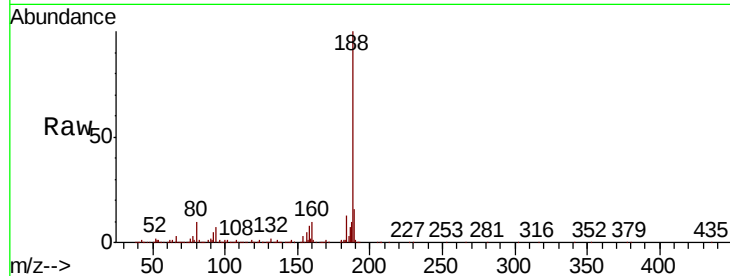
Tot Ion:188 Resp: 482804

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.4

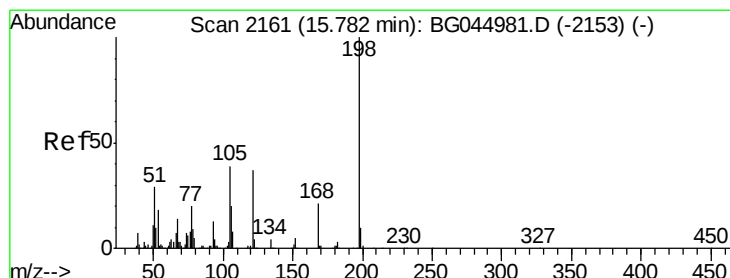
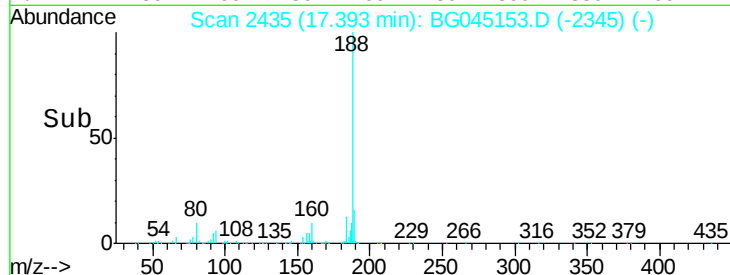
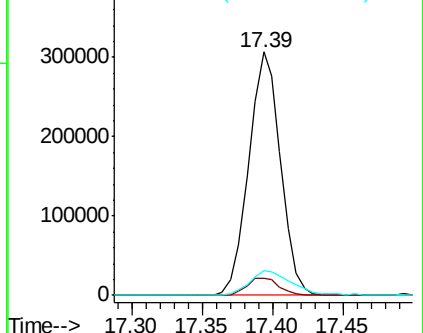
80 10.1 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#65

4,6-Dinitro-2-methylphenol

Concen: 37.554 ng

RT: 15.77 min Scan# 2159

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

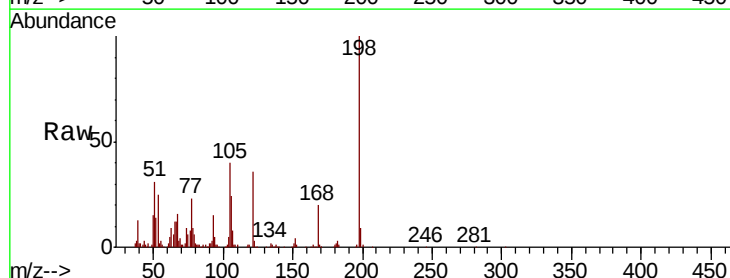
Tgt Ion:198 Resp: 119177

Ion Ratio Lower Upper

198 100

51 31.1 10.0 50.0

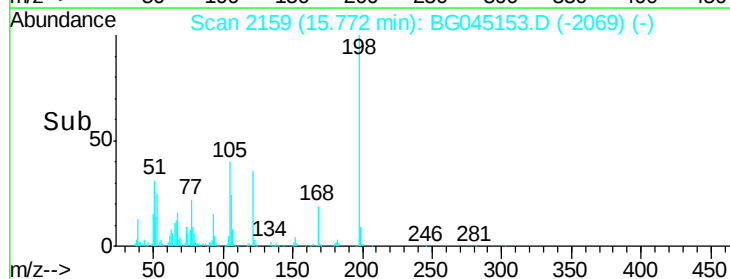
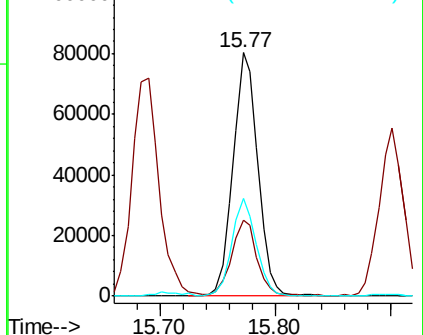
105 39.9 18.9 58.9

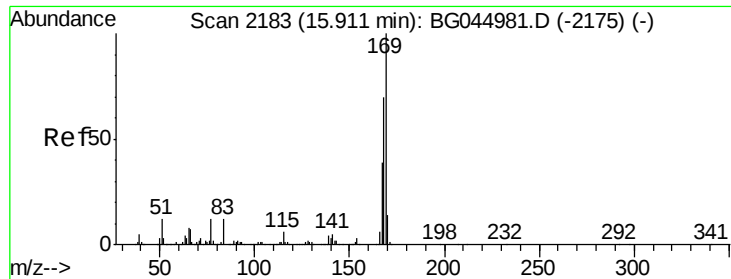


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

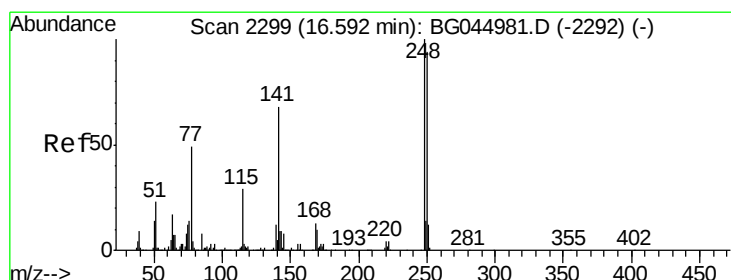
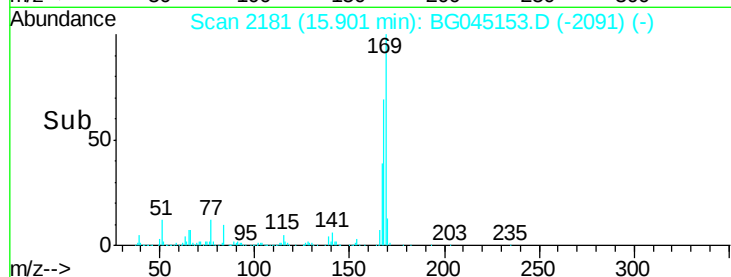
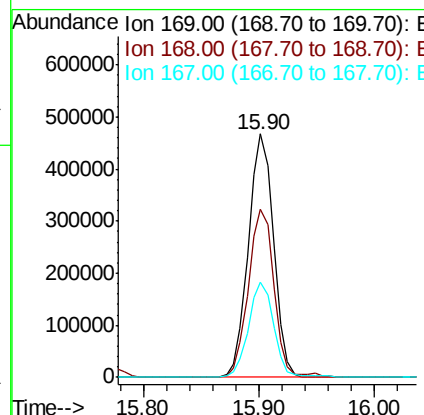
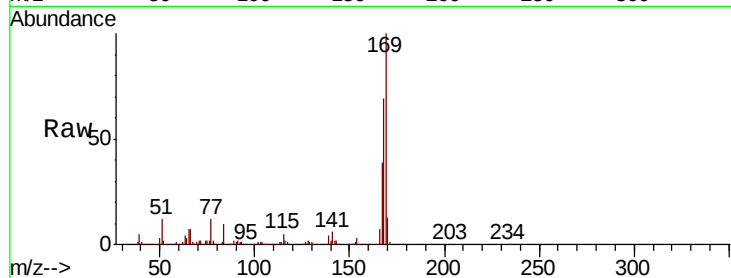




#66
 n-Nitrosodiphenylamine
 Concen: 51.182 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

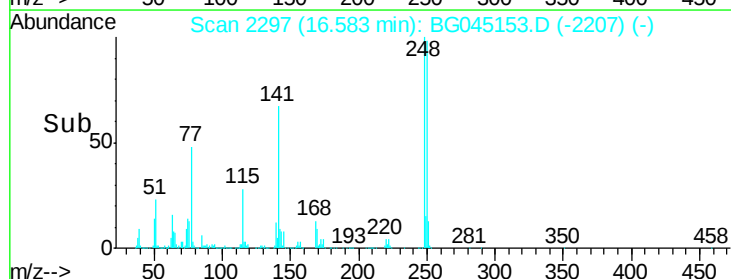
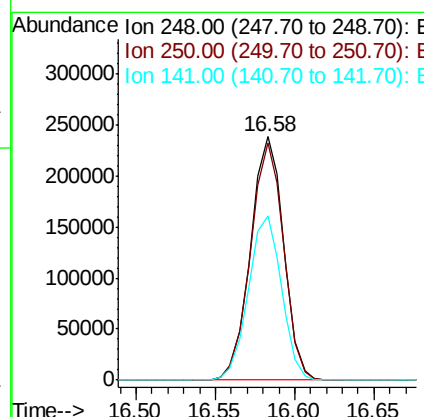
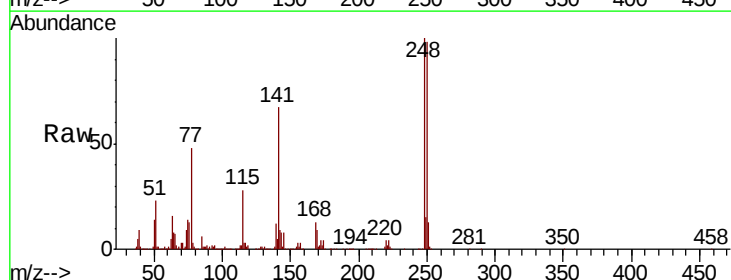
Instrument :
 BNA_G
 ClientSampleId :

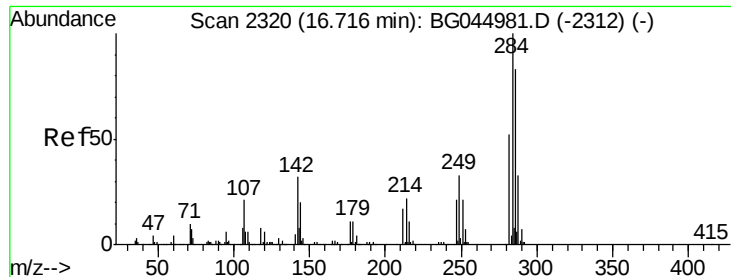
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.8	83.8
167	39.0	30.8	46.2



#67
 4-Bromophenyl-phenylether
 Concen: 55.221 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.6	75.4	113.2
141	67.3	54.4	81.6

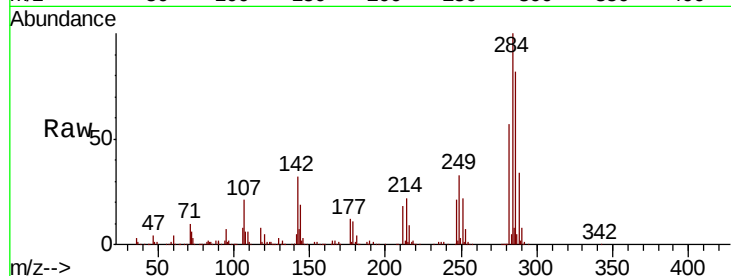




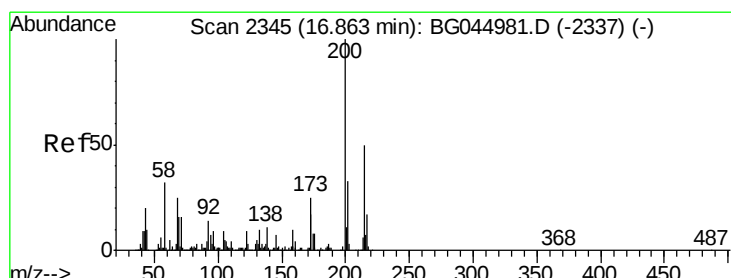
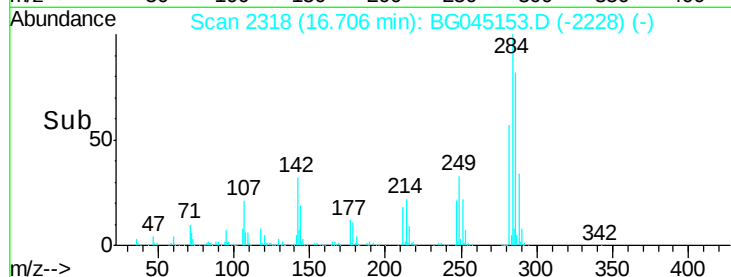
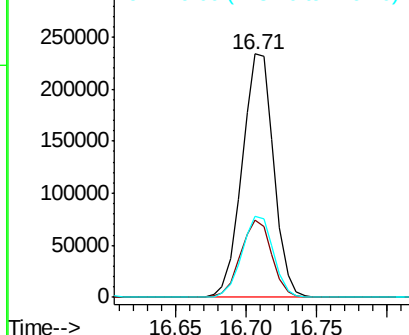
#68
Hexachlorobenzene
Concen: 56.510 ng
RT: 16.71 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.5	25.8	38.6
249	33.1	26.6	39.8

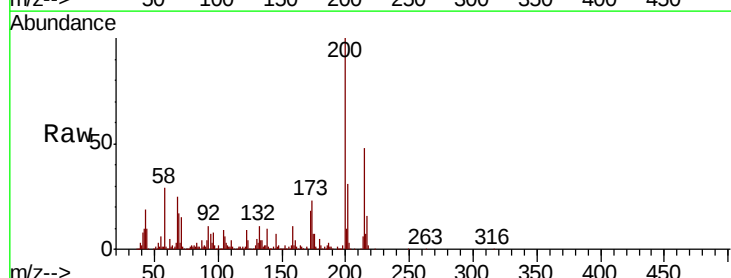


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

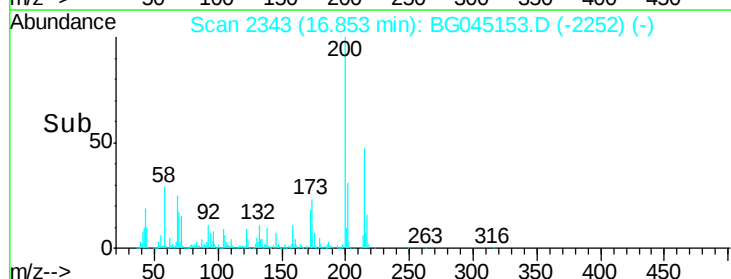
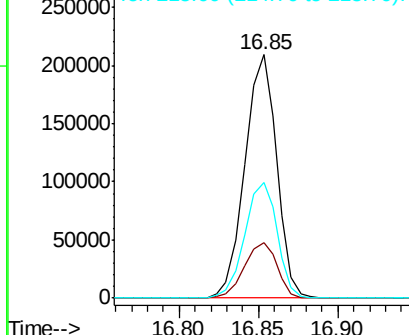


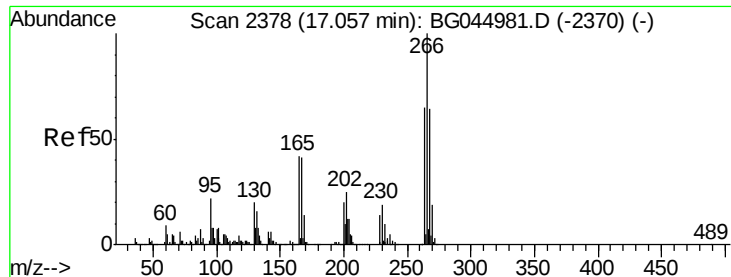
#69
Atrazine
Concen: 58.944 ng
RT: 16.85 min Scan# 2343
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.7	4.5	44.5
215	47.6	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

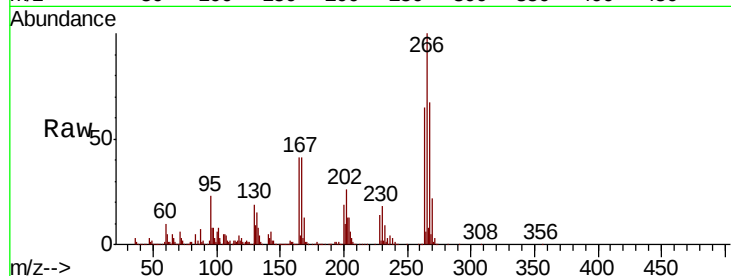




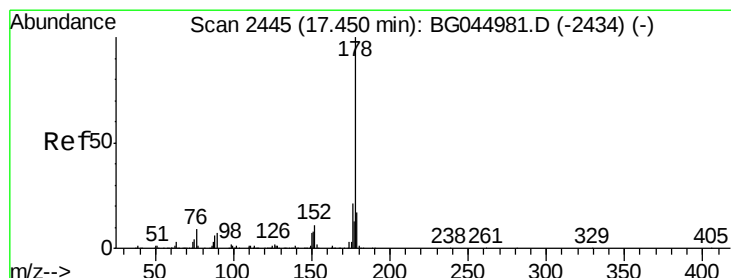
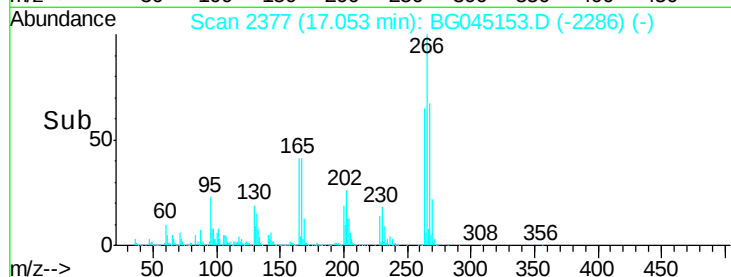
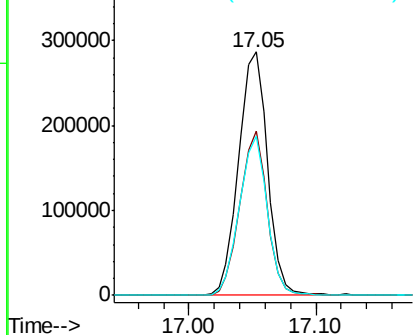
#70
 Pentachlorophenol
 Concen: 114.250 ng
 RT: 17.05 min Scan# 2377
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	67.3	51.5	77.3
264	65.2	52.2	78.4

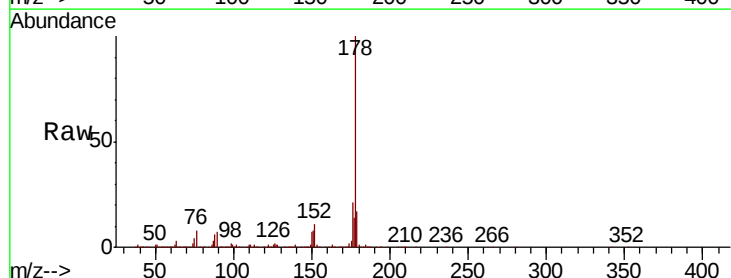


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

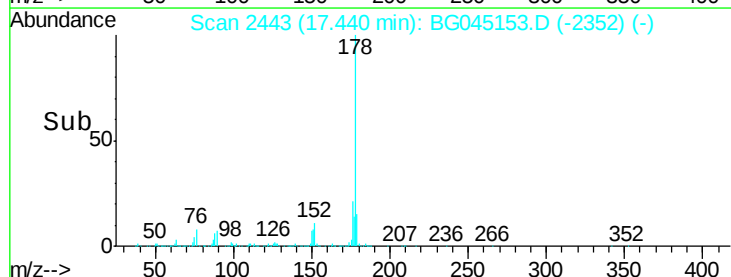
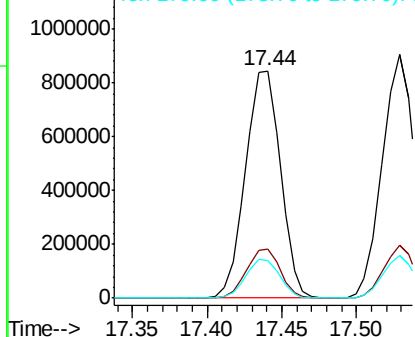


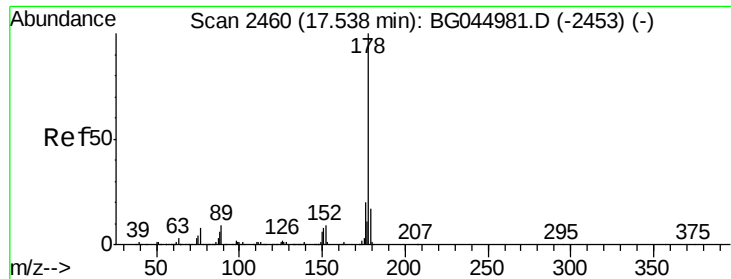
#71
 Phenanthrene
 Concen: 55.267 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	16.7	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: 55.429 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

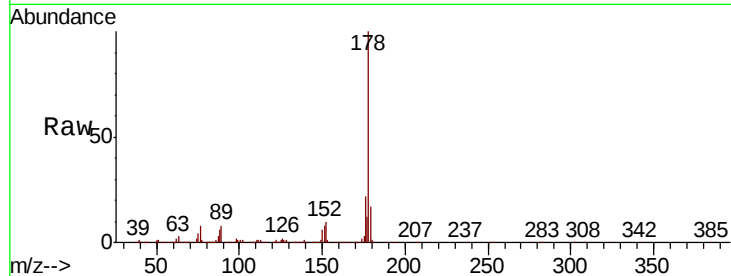
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1379466

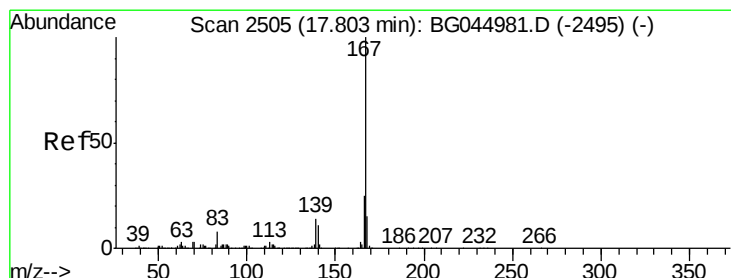
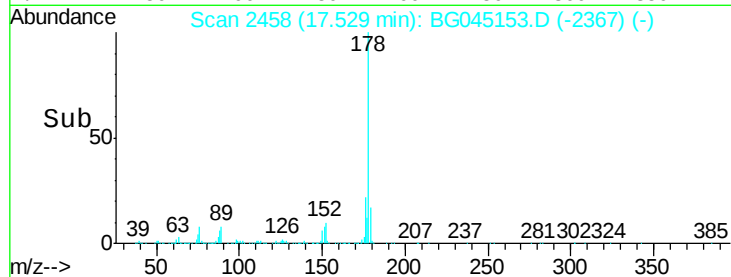
Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.0	24.0
179	17.4	13.6	20.4



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: 49.998 ng

RT: 17.79 min Scan# 2503

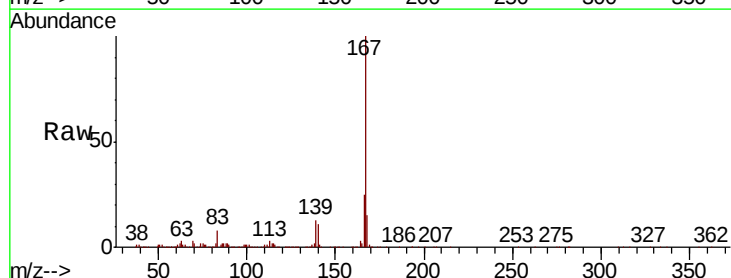
Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Tgt Ion:167 Resp: 1262726

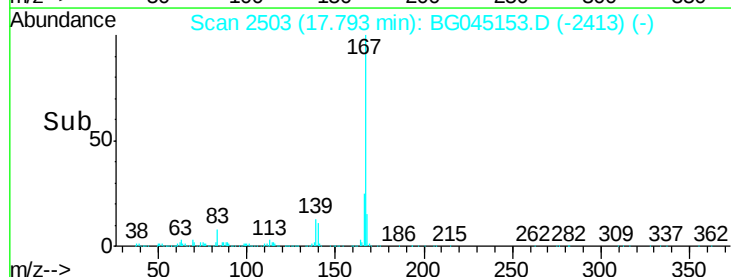
Ion	Ratio	Lower	Upper
167	100		
166	24.9	19.8	29.6
139	13.5	10.9	16.3

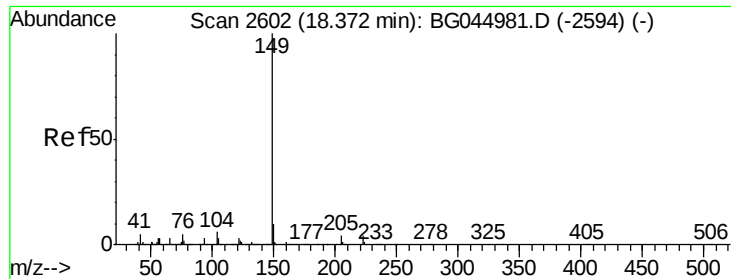


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 54.662 ng

RT: 18.36 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampled :

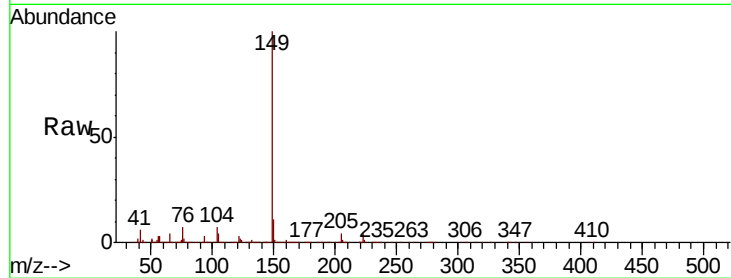
Tot Ion:149 Resp: 1466923

Ion Ratio Lower Upper

149 100

150 10.6 8.2 12.2

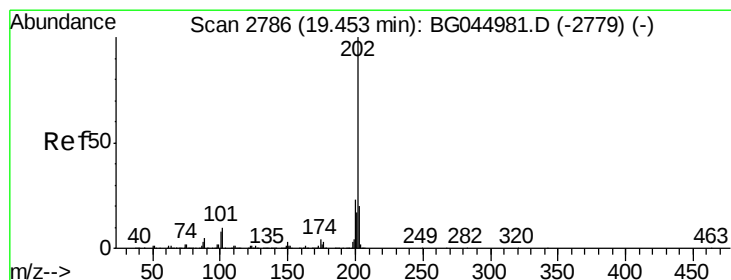
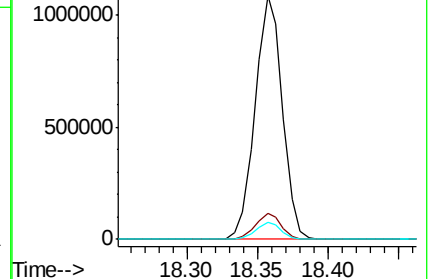
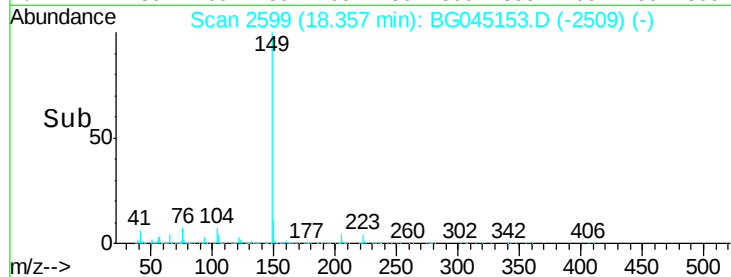
104 6.9 4.8 7.2



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: 54.211 ng

RT: 19.44 min Scan# 2784

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

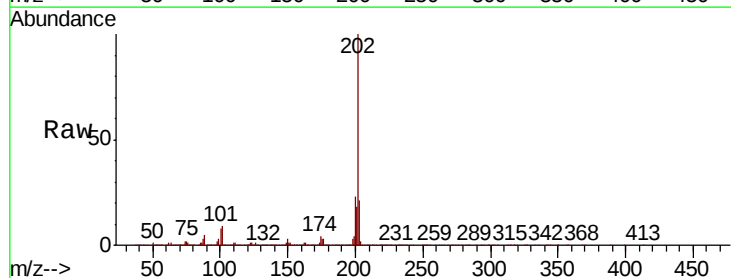
Tgt Ion:202 Resp: 1544032

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.6

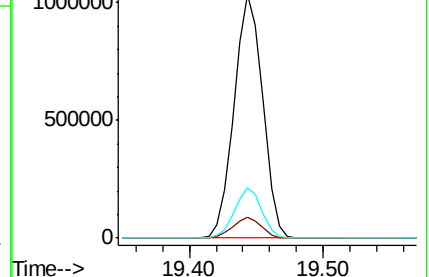
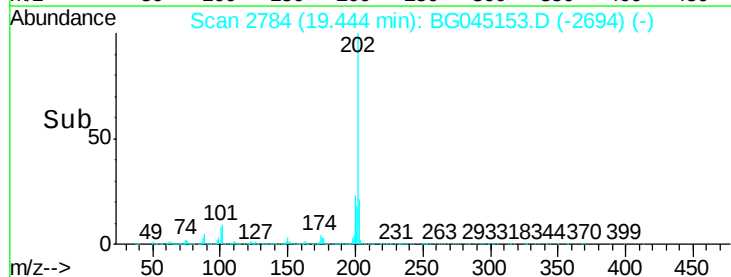
203 20.7 0.0 39.7

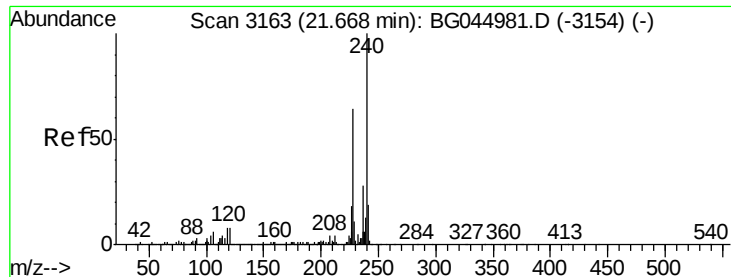


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.66 min Scan# 3161

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

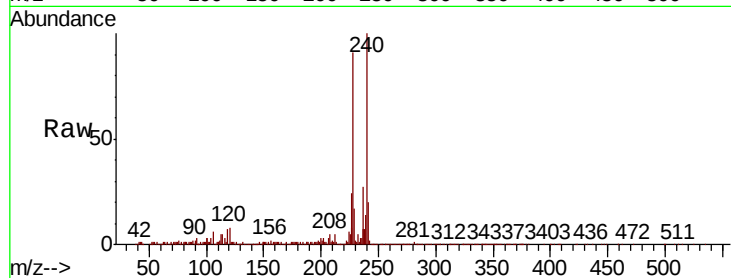
Tot Ion:240 Resp: 405739

Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

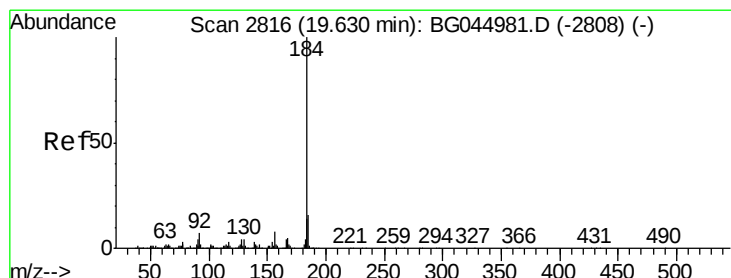
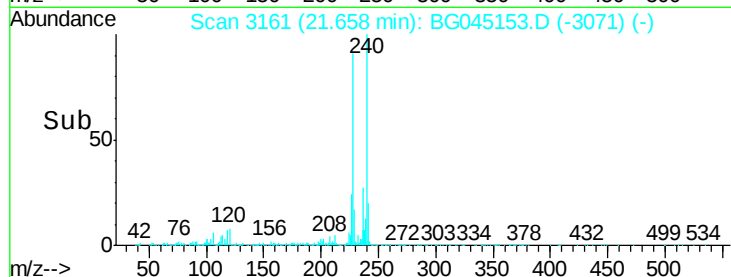
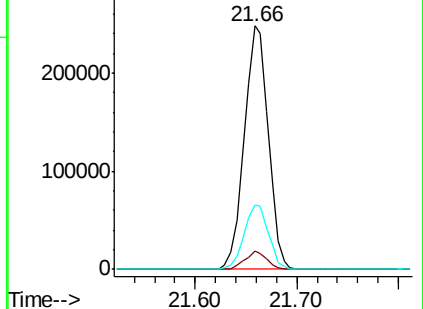
236 26.7 22.2 33.2



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: Below Cal

RT: 19.61 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

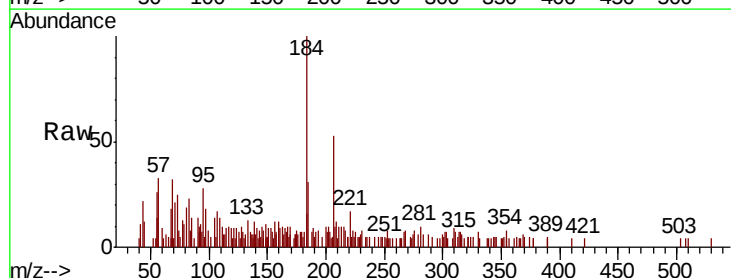
Tgt Ion:184 Resp: 9856

Ion Ratio Lower Upper

184 100

185 31.3 12.6 19.0#

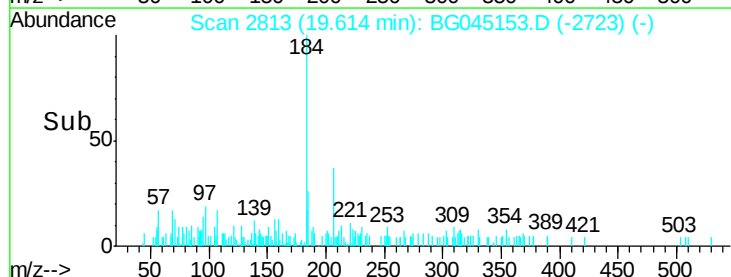
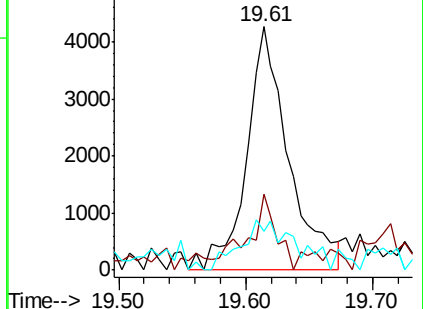
183 16.1 11.3 16.9

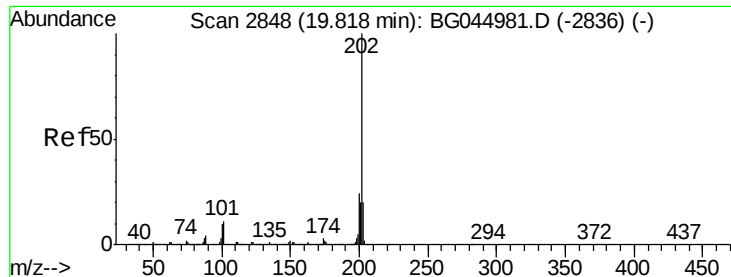


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Pvrene

Concen: 54.673 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

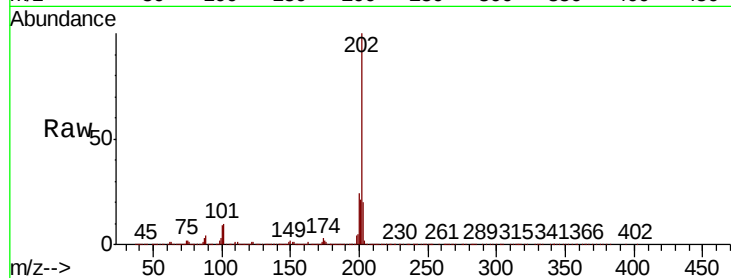
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1529295

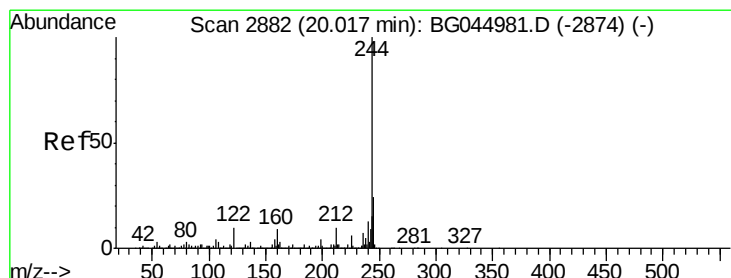
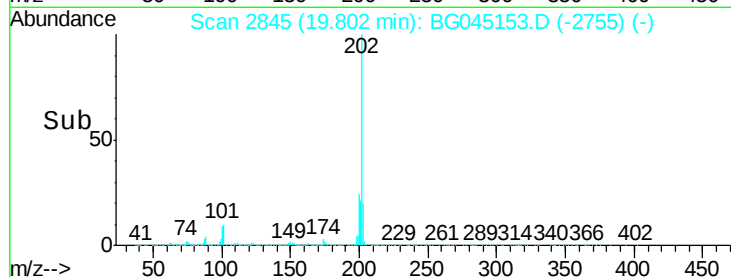
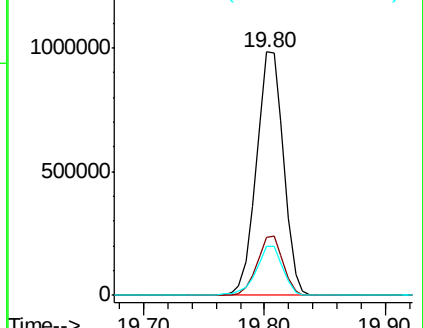
Ion	Ratio	Lower	Upper
202	100		
200	23.9	19.0	28.6
203	20.1	16.1	24.1



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: 117.173 ng

RT: 20.01 min Scan# 2880

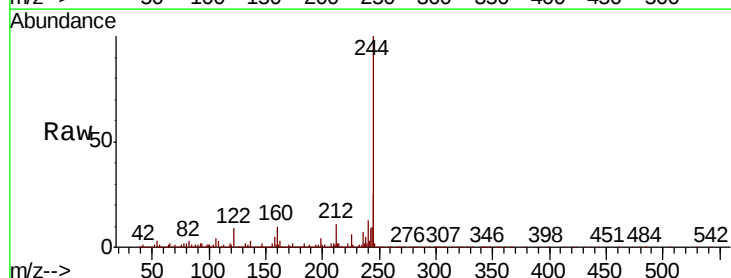
Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Tgt Ion:244 Resp: 2181248

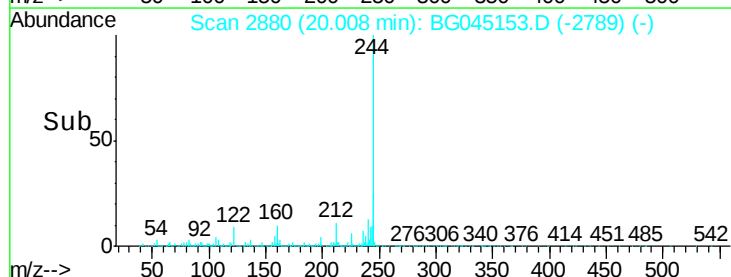
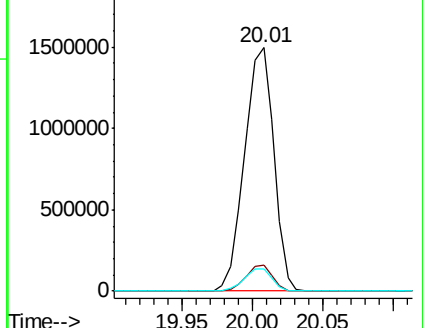
Ion	Ratio	Lower	Upper
244	100		
212	10.8	7.9	11.9
122	8.9	7.7	11.5

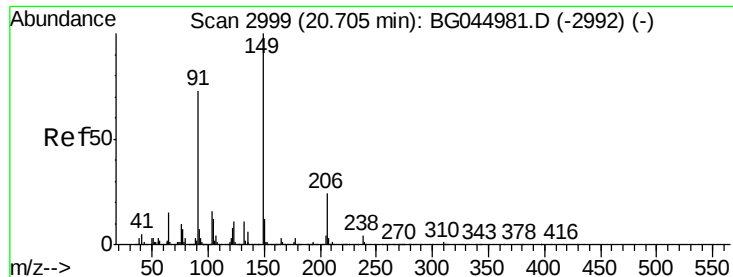


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

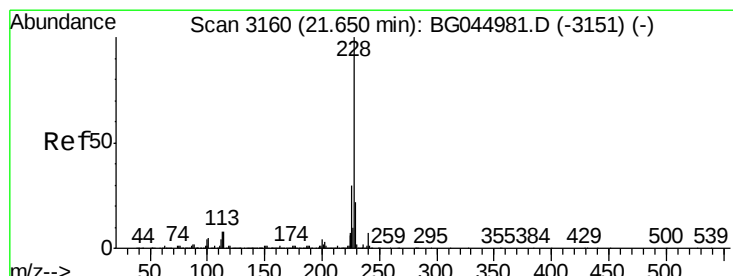
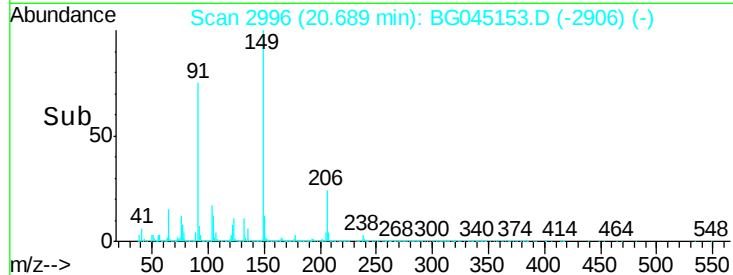
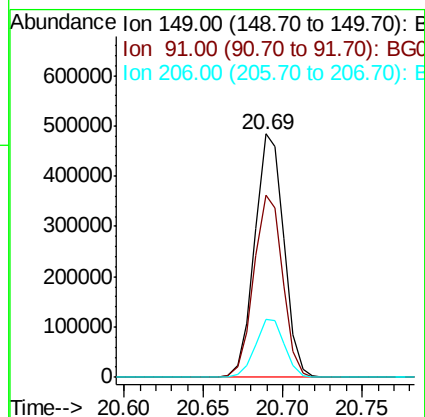
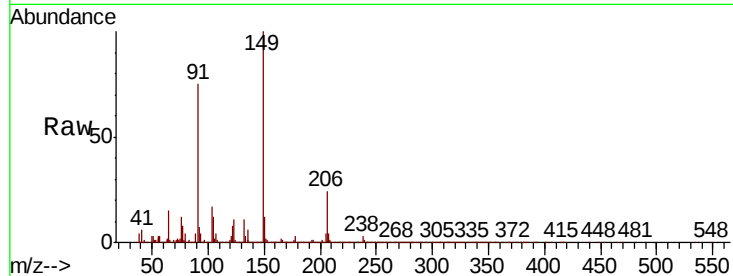




#80
Butylbenzylphthalate
Concen: 53.162 ng
RT: 20.69 min Scan# 2996
Delta R.T. 0.00 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

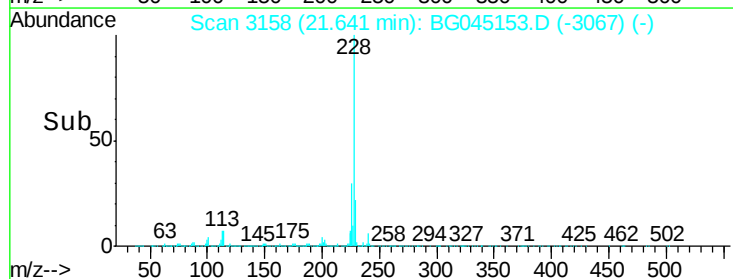
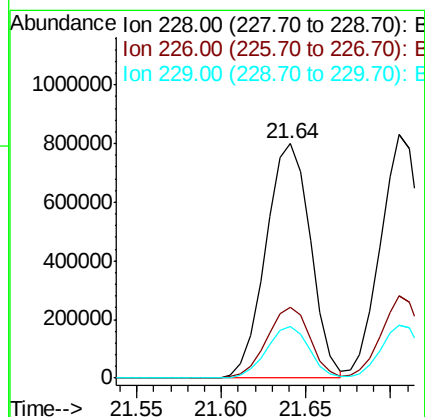
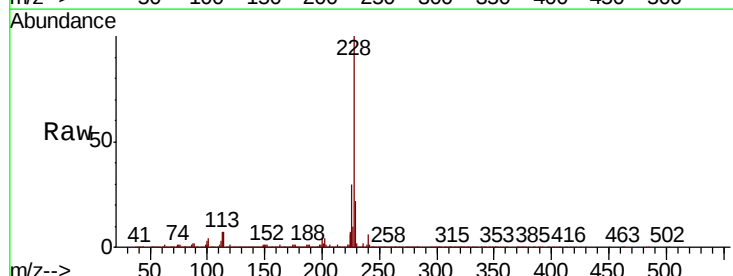
Instrument :
BNA_G
ClientSampleId :

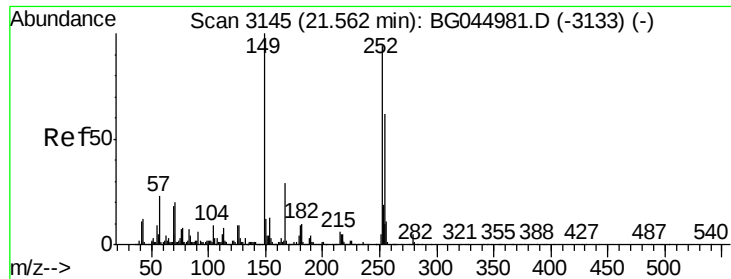
Tot Ion:149 Resp: 616398
Ion Ratio Lower Upper
149 100
91 75.0 58.5 87.7
206 23.9 19.2 28.8



#81
Benzo(a)anthracene
Concen: 55.413 ng
RT: 21.64 min Scan# 3158
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion:228 Resp: 1457237
Ion Ratio Lower Upper
228 100
226 30.0 24.0 36.0
229 22.0 17.5 26.3

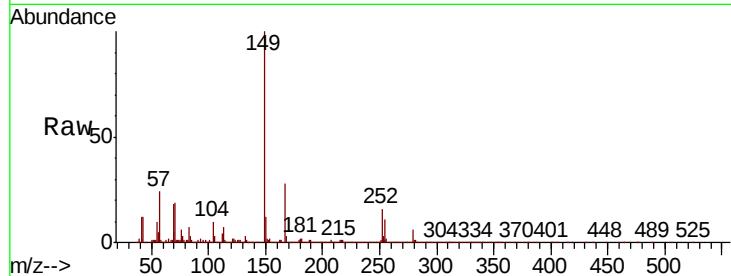




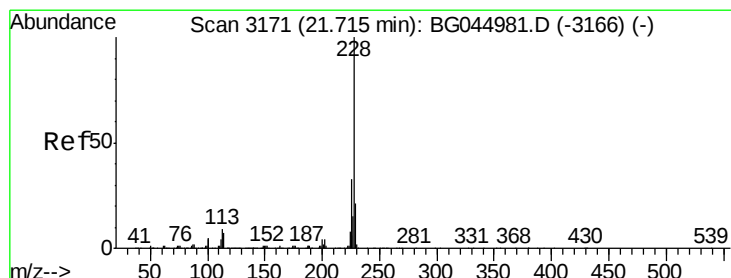
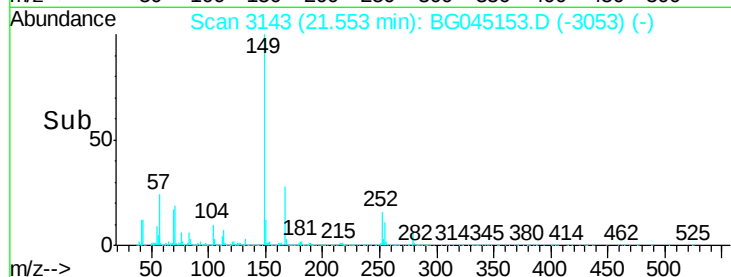
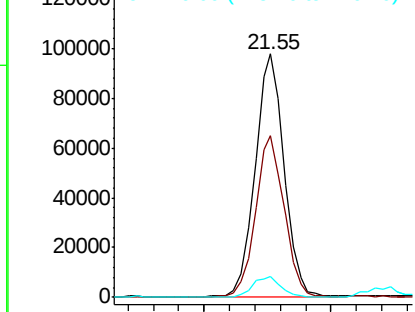
#82
 3,3'-Dichlorobenzidine
 Concen: 14.761 ng
 RT: 21.55 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 154506
 Ion Ratio Lower Upper
 252 100
 254 66.3 52.6 79.0
 126 8.4 7.5 11.3

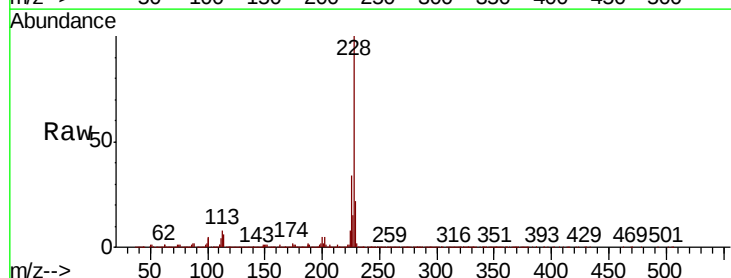


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

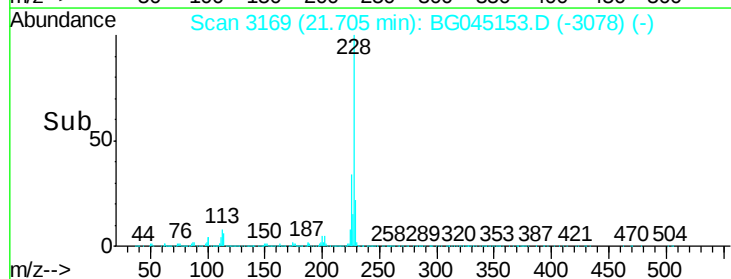
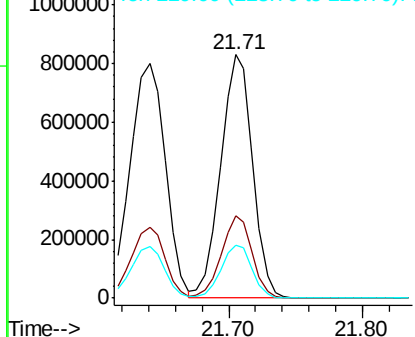


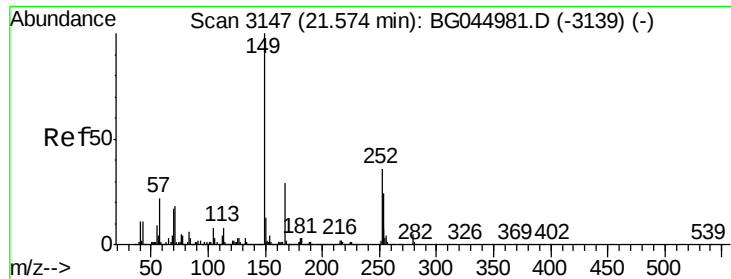
#83
 Chrysene
 Concen: 54.807 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. 0.01 min
 Lab File: BG045153.D
 Acq: 23 Apr 2020 22:29

Tgt Ion:228 Resp: 1384814
 Ion Ratio Lower Upper
 228 100
 226 33.7 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: 53.341 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

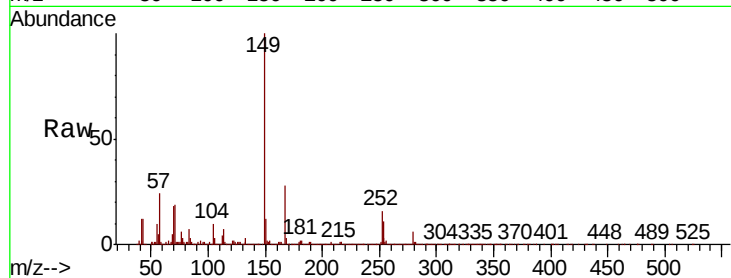
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 850607

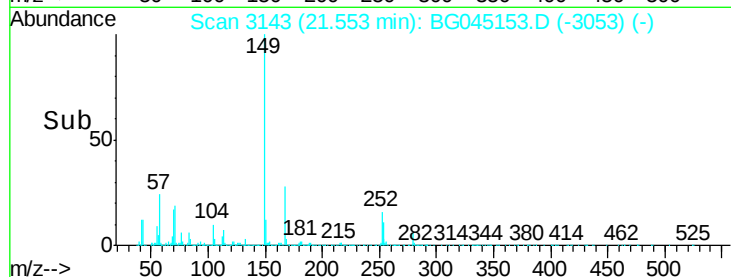
Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.4	35.0
279	5.6	4.3	6.5



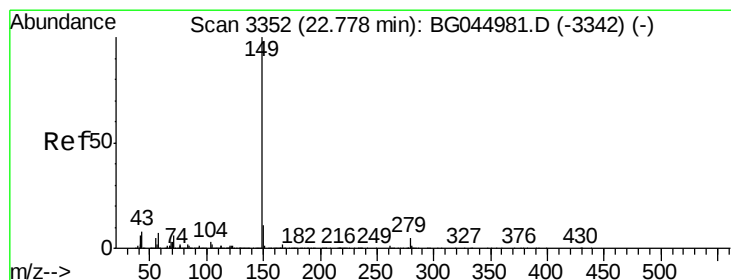
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#85

Di-n-octyl phthalate

Concen: 52.620 ng

RT: 22.76 min Scan# 3348

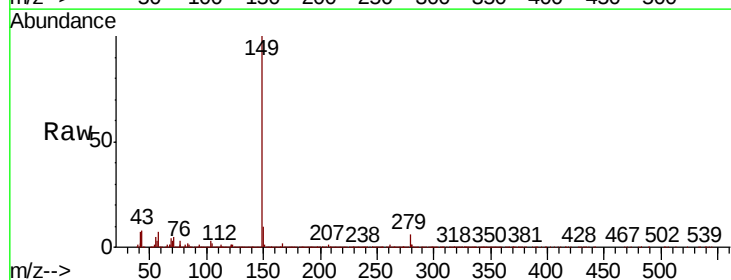
Delta R.T. 0.00 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Tgt Ion:149 Resp: 1451048

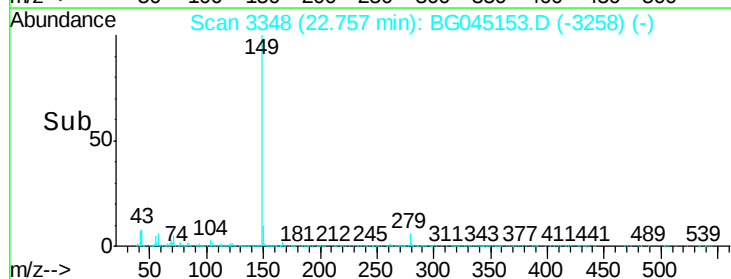
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	7.5	5.7	8.5



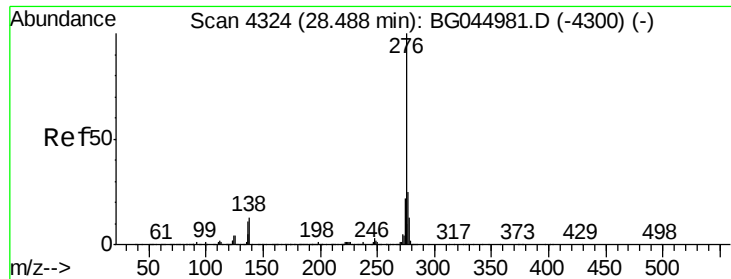
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



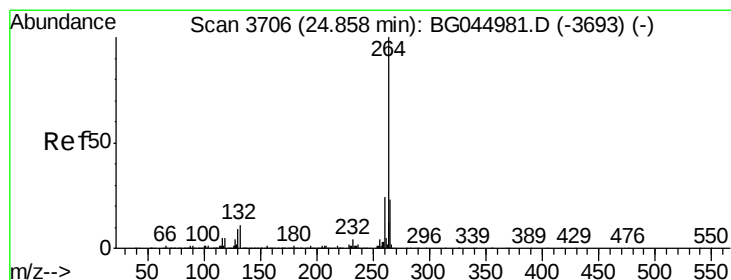
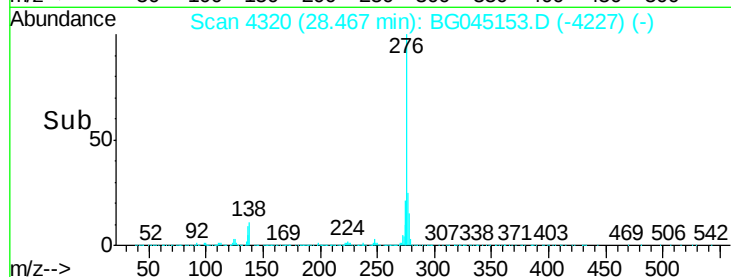
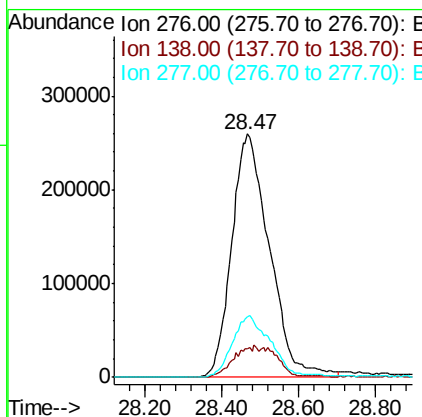
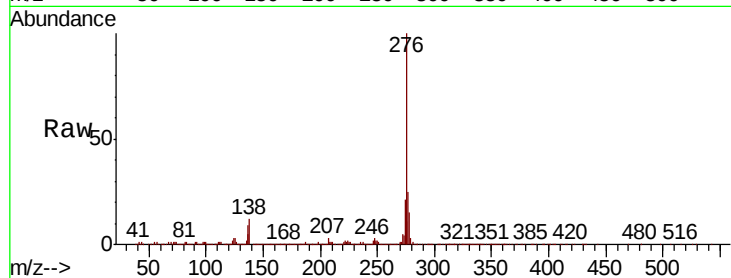
Time-->



#86
Indeno(1,2,3-cd)pyrene
Concen: 52.567 ng
RT: 28.47 min Scan# 4320
Delta R.T. 0.02 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

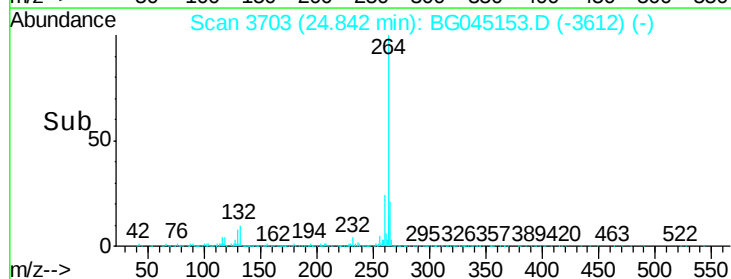
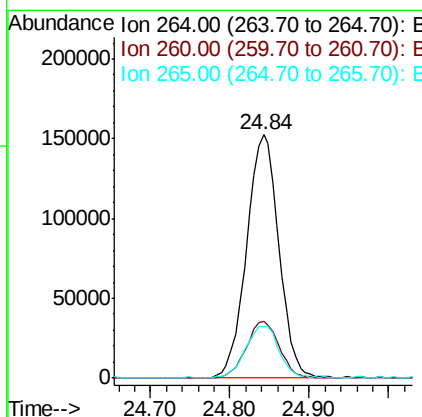
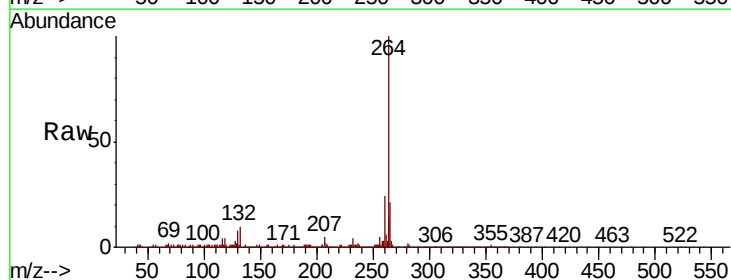
Instrument :
BNA_G
ClientSampleId :

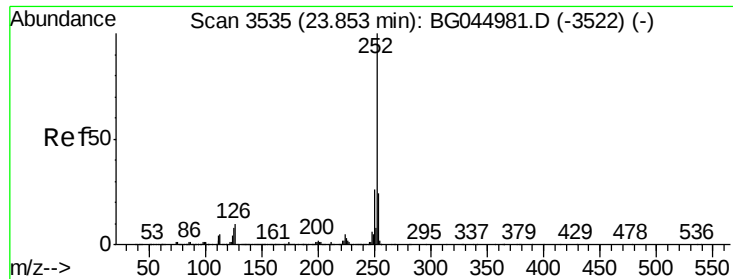
Tot Ion:276 Resp: 1763445
Ion Ratio Lower Upper
276 100
138 6.6 9.6 14.4#
277 25.3 20.6 31.0



#87
Perylene-d12
Concen: 20.000 ng
RT: 24.84 min Scan# 3703
Delta R.T. 0.01 min
Lab File: BG045153.D
Acq: 23 Apr 2020 22:29

Tgt Ion:264 Resp: 432374
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.1 19.0 28.4





#88

Benzo(b)fluoranthene

Concen: 58.168 ng

RT: 23.84 min Scan# 3532

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

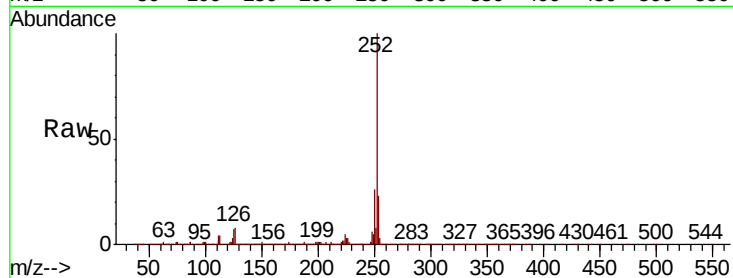
Tot Ion:252 Resp: 1575405

Ion Ratio Lower Upper

252 100

253 23.1 18.8 28.2

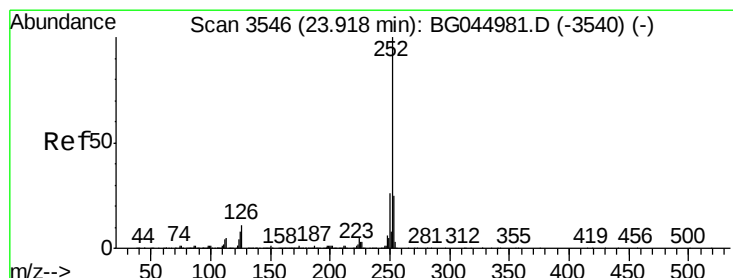
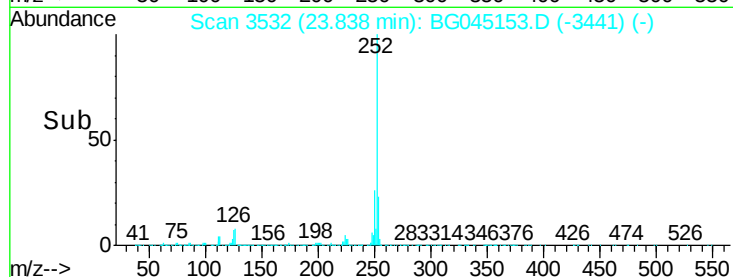
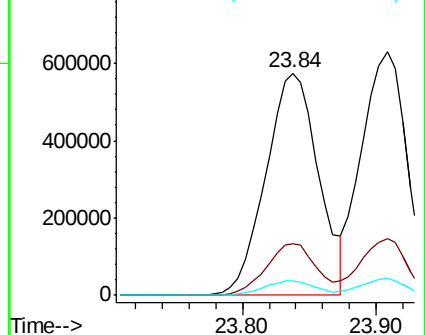
125 6.8 6.2 9.4



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: 57.323 ng

RT: 23.91 min Scan# 3544

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

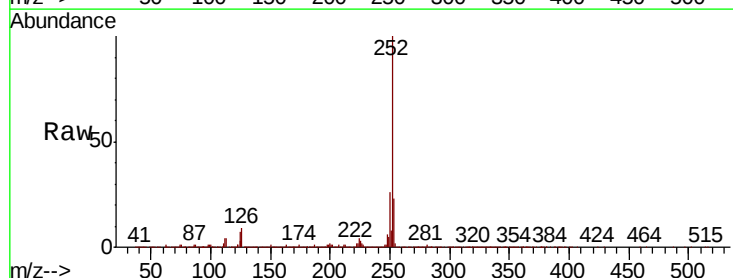
Tgt Ion:252 Resp: 1476445

Ion Ratio Lower Upper

252 100

253 23.4 19.2 28.8

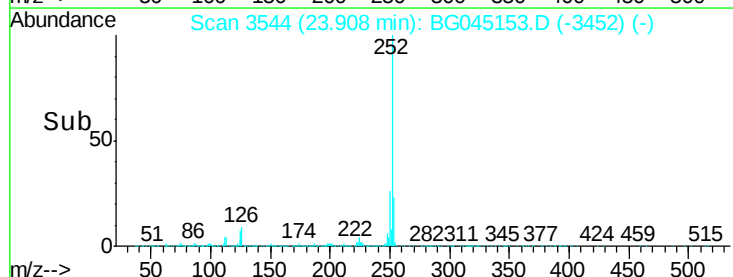
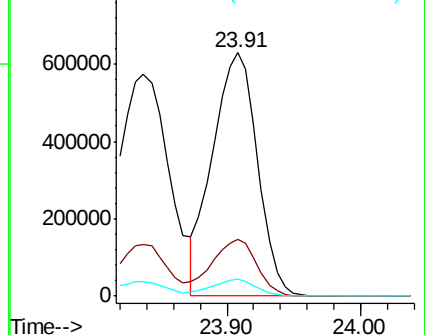
125 7.0 5.9 8.9

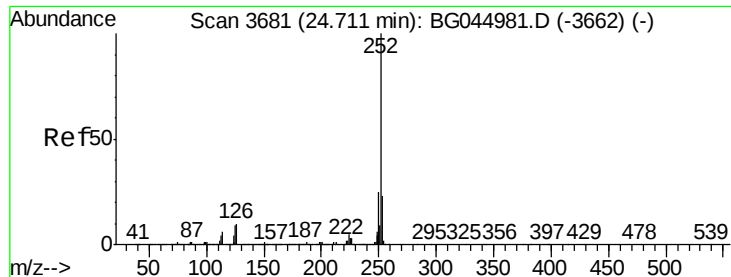


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 55.555 ng

RT: 24.70 min Scan# 3678

Delta R.T. 0.01 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

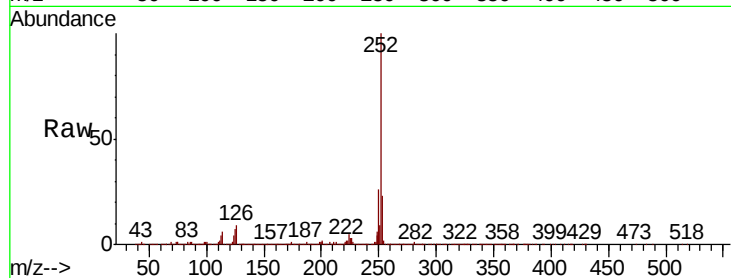
Tot Ion:252 Resp: 1420603

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

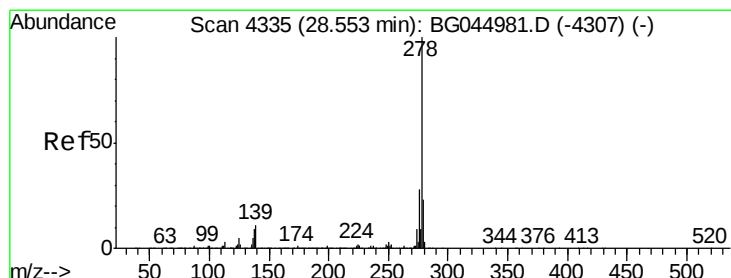
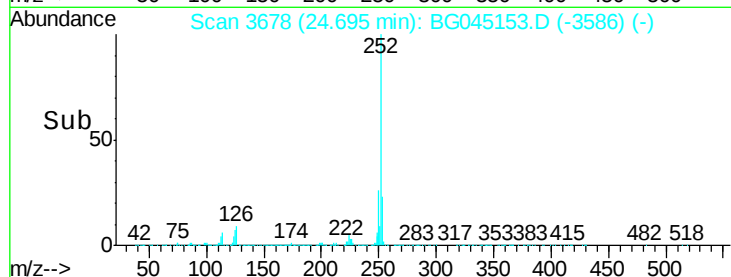
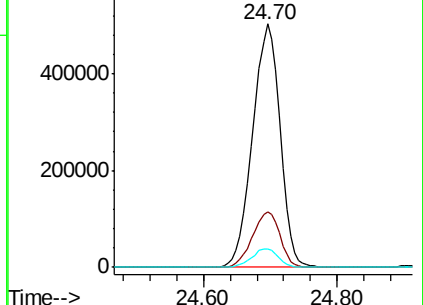
125 7.4 7.0 10.6



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: 56.952 ng

RT: 28.53 min Scan# 4331

Delta R.T. 0.03 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

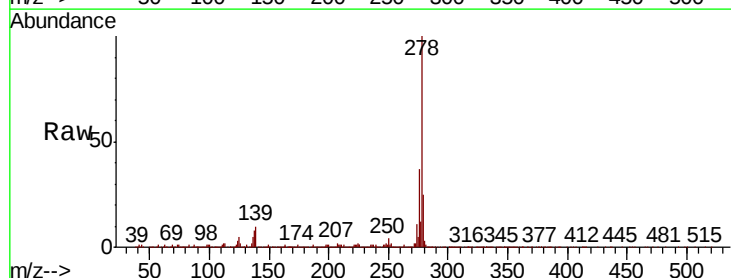
Tgt Ion:278 Resp: 1467468

Ion Ratio Lower Upper

278 100

139 10.0 9.0 13.6

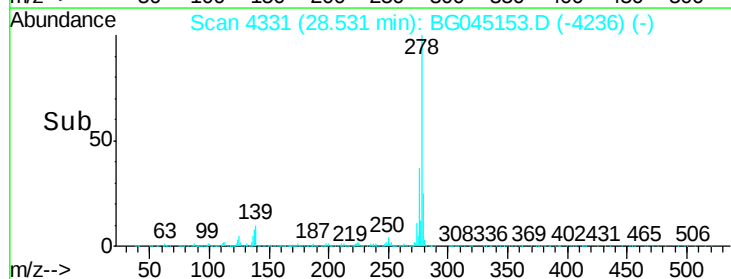
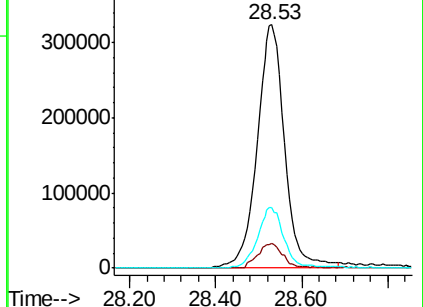
279 25.0 18.4 27.6

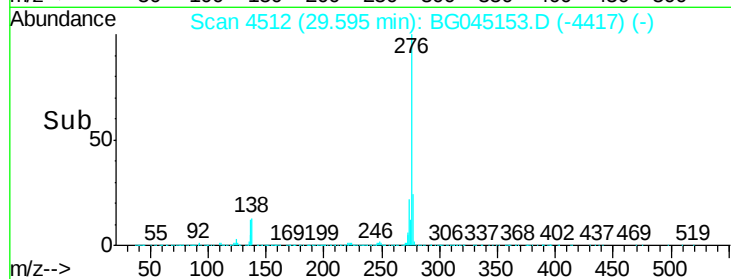
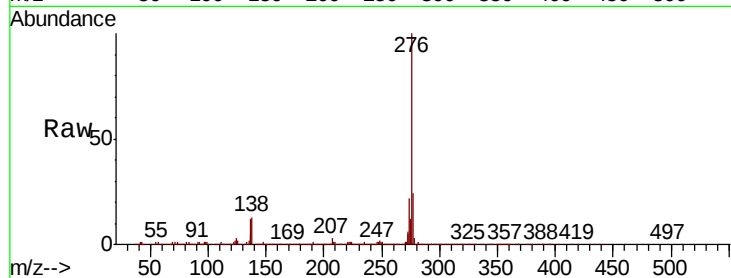
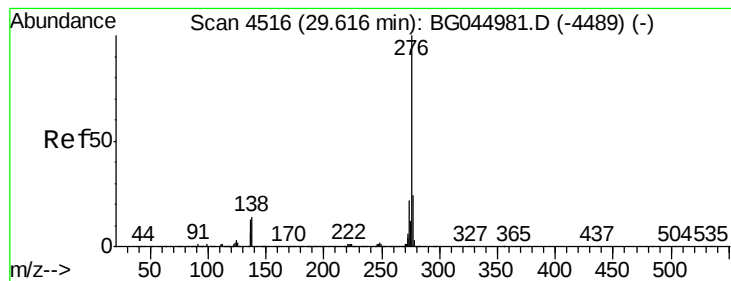


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 51.055 ng

RT: 29.59 min Scan# 4512

Delta R.T. 0.03 min

Lab File: BG045153.D

Acq: 23 Apr 2020 22:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1318875

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.3	28.9
138	12.9	11.4	17.2

