

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044151.D
 Acq On : 22 Jan 2020 9:29
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 11:02:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	90074	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	382699	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	246234	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	520295	20.00	ng	-0.03
76) Chrysene-d12	21.56	240	446985	20.00	ng	-0.03
87) Perylene-d12	24.66	264	514047	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	425359	86.71	ng	-0.03
7) Phenol-d6	7.10	99	598792	87.32	ng	-0.02
23) Nitrobenzene-d5	9.09	82	552491	77.23	ng	-0.04
42) 2,4,6-Tribromophenol	16.06	330	229353	89.01	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1226633	90.25	ng	-0.04
79) Terphenyl-d14	19.92	244	1703795	94.63	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	89590	41.885	ng	97
3) Pyridine	3.79	79	262425	41.530	ng	96
4) n-Nitrosodimethylamine	3.71	42	107378	38.168	ng	97
6) Aniline	7.25	93	362505	40.248	ng	98
8) 2-Chlorophenol	7.49	128	238616	41.433	ng	100
9) Benzaldehyde	7.07	77	147558	33.622	ng	98
10) Phenol	7.12	94	300336	42.510	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	244383	40.072	ng	98
12) 1,3-Dichlorobenzene	7.82	146	279790	41.516	ng	98
13) 1,4-Dichlorobenzene	7.96	146	276793	41.625	ng	99
14) 1,2-Dichlorobenzene	8.29	146	266372	41.734	ng	100
15) Benzyl Alcohol	8.16	79	215148	39.755	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	352741	37.386	ng	100
17) 2-Methylphenol	8.38	107	212275	41.519	ng	97
18) Hexachloroethane	9.02	117	105802	40.890	ng	97
19) n-Nitroso-di-n-propylamine	8.73	70	200569	39.276	ng	97
20) 3+4-Methylphenols	8.70	107	294671	41.314	ng	99
22) Acetophenone	8.75	105	378863	39.821	ng	99
24) Nitrobenzene	9.13	77	275954	38.947	ng	99
25) Isophorone	9.65	82	523986	39.041	ng	100
26) 2-Nitrophenol	9.84	139	144251	43.032	ng	98
27) 2,4-Dimethylphenol	9.91	122	204248	40.477	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	350564	39.179	ng	98
29) 2,4-Dichlorophenol	10.38	162	246672	40.982	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	272239	40.339	ng	99
31) Naphthalene	10.78	128	781719	42.211	ng	99
32) Benzoic acid	10.05	122	127661	33.276	ng	92
33) 4-Chloroaniline	10.88	127	352043	39.855	ng	100
34) Hexachlorobutadiene	11.08	225	165189	40.089	ng	97
35) Caprolactam	11.65	113	90325	40.311	ng	95
36) 4-Chloro-3-methylphenol	12.02	107	266629	41.611	ng	98
37) 2-Methylnaphthalene	12.39	142	588106	42.181	ng	96
38) 1-Methylnaphthalene	12.61	142	549330	41.571	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	298051	41.298	ng	99

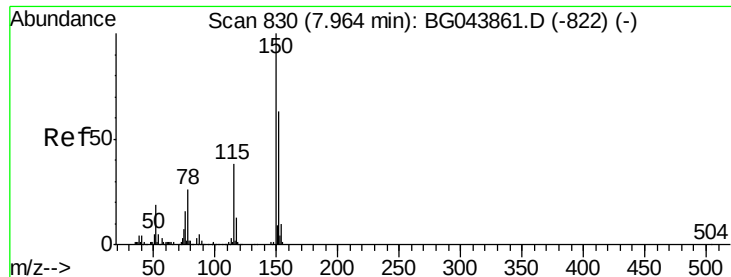
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012120\
 Data File : BG044151.D
 Acq On : 22 Jan 2020 9:29
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 22 11:02:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	138947	37.135	ng	98
43) 2,4,6-Trichlorophenol	13.00	196	202974	40.873	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	210431	41.085	ng	98
46) 1,1'-Biphenyl	13.40	154	755246	42.779	ng	99
47) 2-Chloronaphthalene	13.44	162	597560	41.887	ng	98
48) 2-Nitroaniline	13.64	65	185000	40.314	ng	97
49) Acenaphthylene	14.29	152	892623	43.533	ng	98
50) Dimethylphthalate	14.02	163	736953	42.151	ng	98
51) 2,6-Dinitrotoluene	14.13	165	164107	41.528	ng	96
52) Acenaphthene	14.63	154	577090	40.133	ng	97
53) 3-Nitroaniline	14.46	138	184767	41.174	ng	99
54) 2,4-Dinitrophenol	14.67	184	83170	43.964	ng	96
55) Dibenzofuran	14.97	168	865921	43.744	ng	97
56) 4-Nitrophenol	14.78	139	139430	40.546	ng	95
57) 2,4-Dinitrotoluene	14.92	165	232999	43.332	ng	97
58) Fluorene	15.61	166	684031	43.598	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.19	232	184581	41.910	ng	96
60) Diethylphthalate	15.39	149	754230	43.131	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	358094	42.032	ng	96
62) 4-Nitroaniline	15.63	138	189057	42.662	ng	94
63) Azobenzene	15.90	77	683631	42.154	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	118735	44.632	ng	98
66) n-Nitrosodiphenylamine	15.82	169	624943	40.787	ng	99
67) 4-Bromophenyl-phenylether	16.50	248	233206	39.852	ng	98
68) Hexachlorobenzene	16.63	284	256403	40.664	ng	97
69) Atrazine	16.77	200	197766	39.708	ng	99
70) Pentachlorophenol	16.97	266	123743	35.601	ng	99
71) Phenanthrene	17.35	178	1087781	43.588	ng	98
72) Anthracene	17.44	178	1078534	43.730	ng	97
73) Carbazole	17.71	167	987055	43.326	ng	96
74) Di-n-butylphthalate	18.28	149	1239447	42.611	ng	98
75) Fluoranthene	19.36	202	1233528	43.220	ng	96
77) Benzidine	19.54	184	445644	39.665	ng	100
78) Pyrene	19.72	202	1252228	42.919	ng	96
80) Butylbenzylphthalate	20.61	149	597565	43.019	ng	96
81) Benzo(a)anthracene	21.54	228	1189671	42.923	ng	96
82) 3,3'-Dichlorobenzidine	21.45	252	450539	41.145	ng	99
83) Chrysene	21.60	228	1150523	43.687	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	817754	42.666	ng	98
85) Di-n-octyl phthalate	22.64	149	1425337	44.235	ng	98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1479666	41.342	ng	# 91
88) Benzo(b)fluoranthene	23.69	252	1278919	42.085	ng	98
89) Benzo(k)fluoranthene	23.75	252	1218711	42.173	ng	97
90) Benzo(a)pyrene	24.52	252	1196243	41.707	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1197059	41.557	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1193669	41.718	ng	96

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

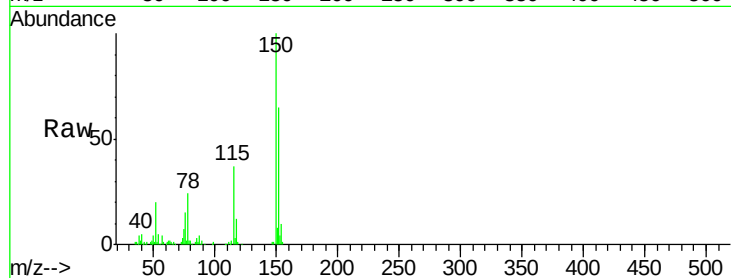


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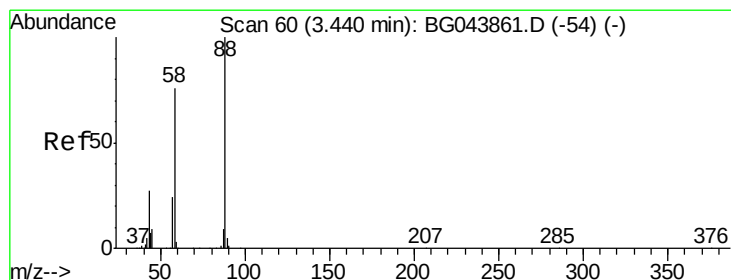
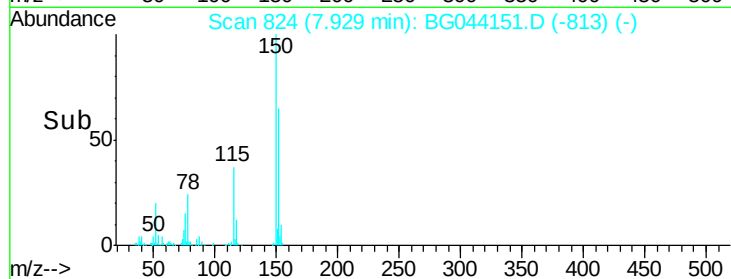
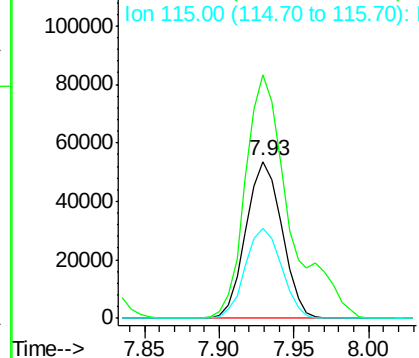
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 90074
Ion Ratio Lower Upper
152 100
150 155.0 127.0 190.4
115 57.6 47.8 71.8



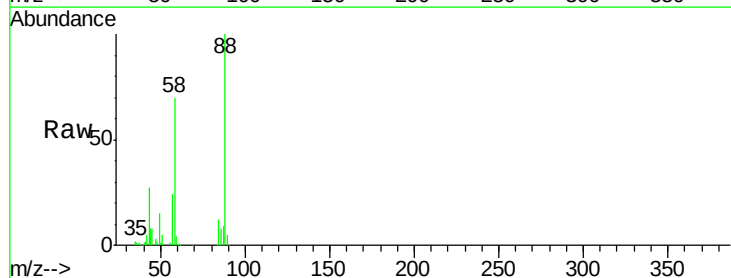
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



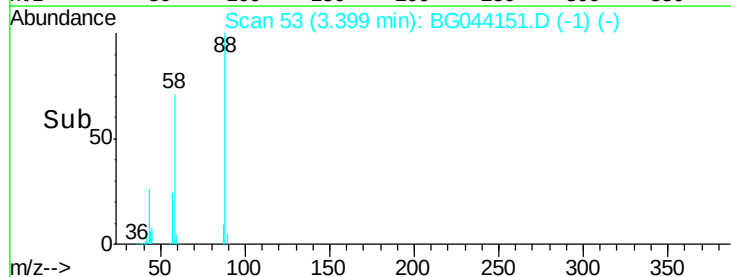
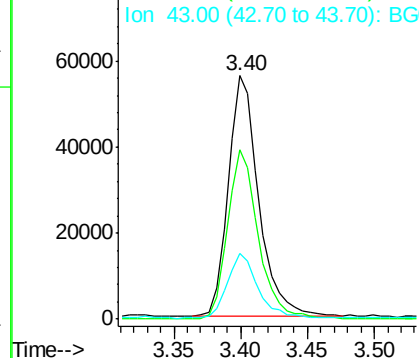
#2

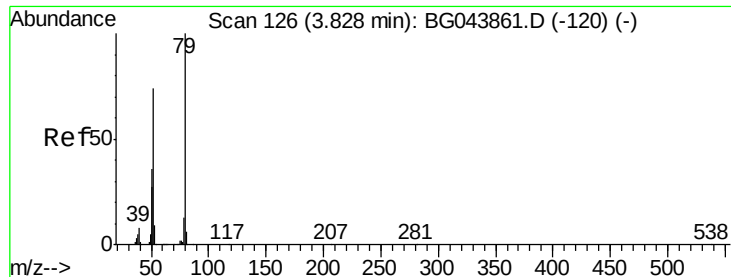
1,4-Dioxane
Concen: 41.885 ng
RT: 3.40 min Scan# 53
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion: 88 Resp: 89590
Ion Ratio Lower Upper
88 100
58 71.6 59.8 89.8
43 27.2 22.9 34.3



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.530 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

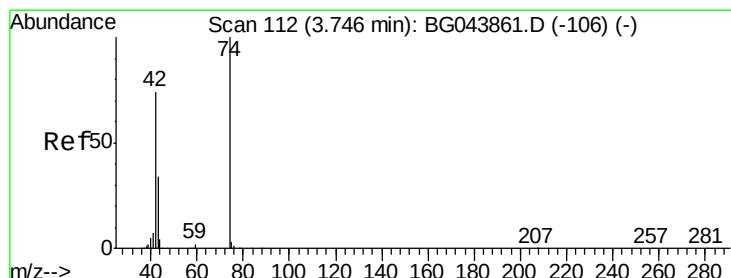
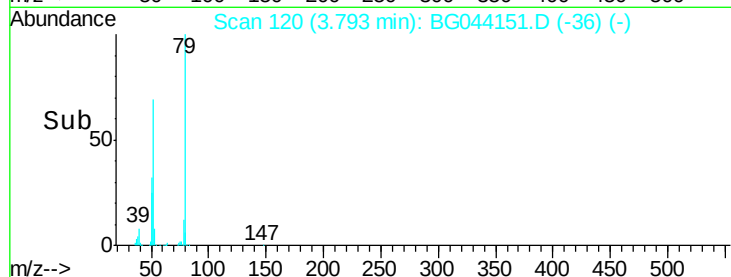
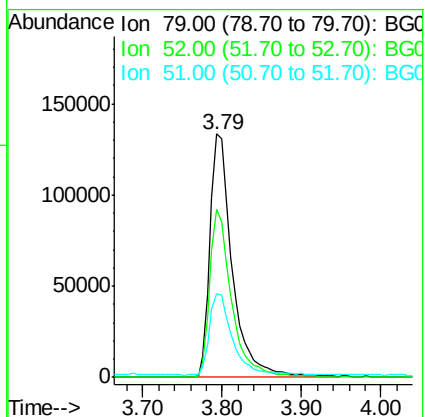
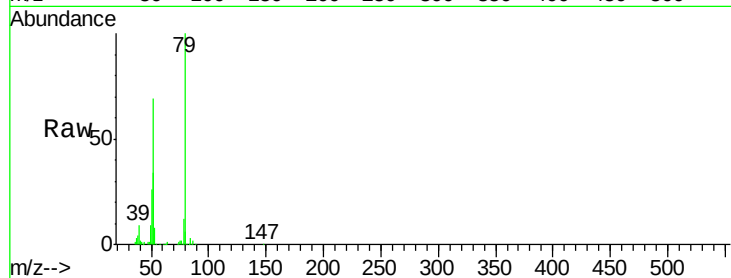
Tot Ion: 79 Resp: 262425

Ion Ratio Lower Upper

79 100

52 69.1 58.9 88.3

51 34.3 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 38.168 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

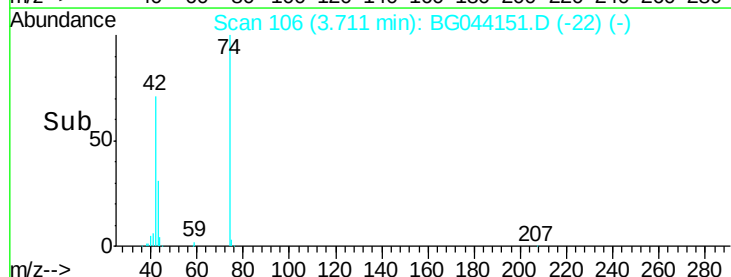
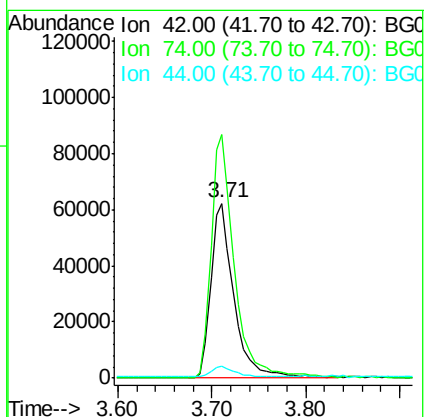
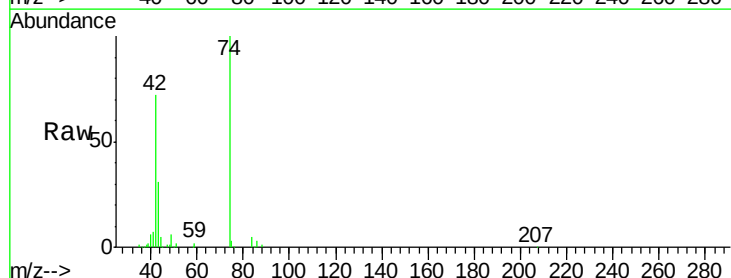
Tgt Ion: 42 Resp: 107378

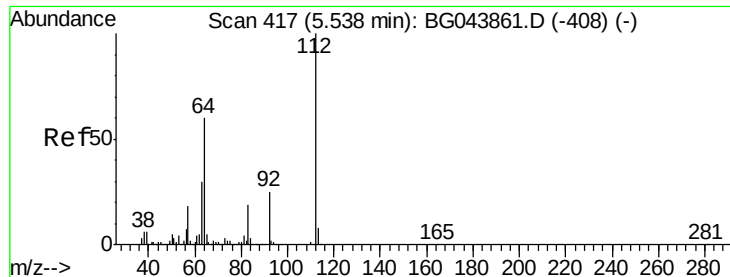
Ion Ratio Lower Upper

42 100

74 139.5 108.6 162.8

44 6.6 5.0 7.6





#5

2-Fluorophenol

Concen: 86.708 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

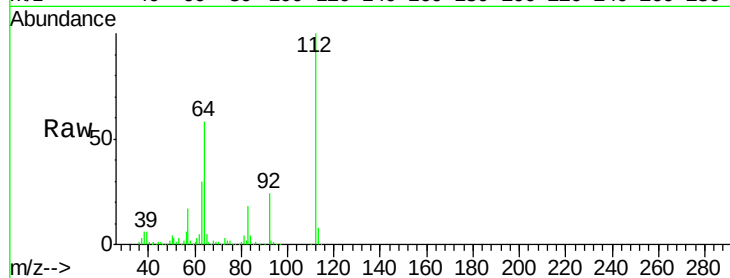
Tot Ion:112 Resp: 425359

Ion Ratio Lower Upper

112 100

64 58.2 47.8 71.6

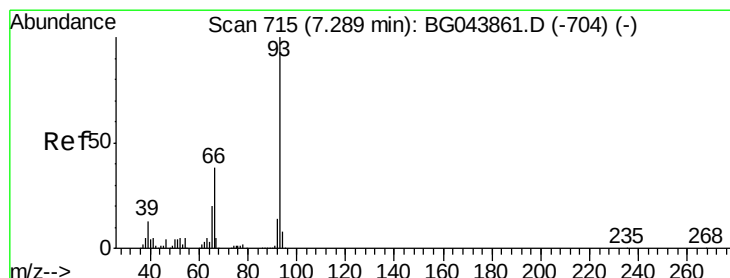
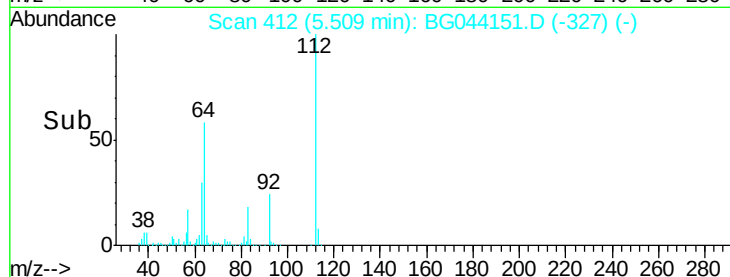
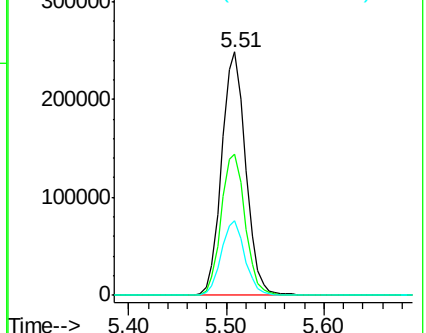
63 30.4 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.248 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

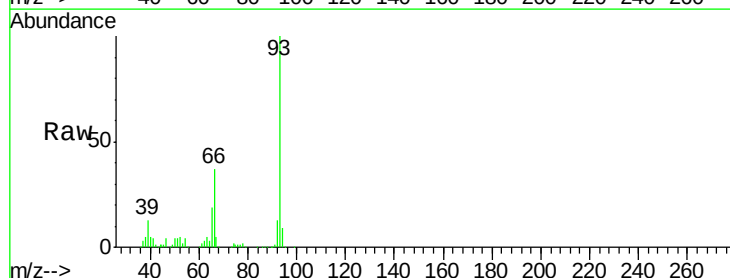
Tgt Ion: 93 Resp: 362505

Ion Ratio Lower Upper

93 100

66 37.5 30.8 46.2

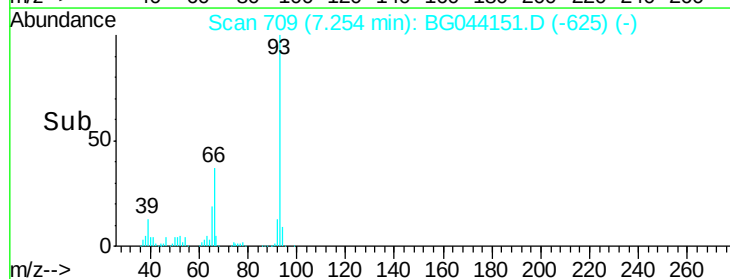
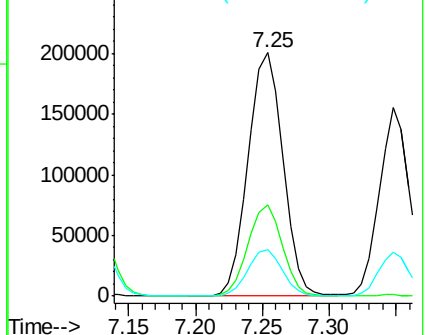
65 19.0 16.0 24.0

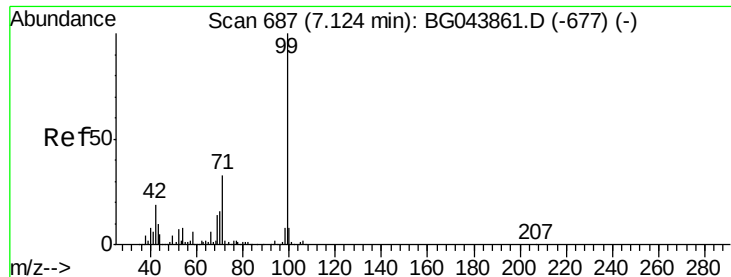


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.323 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.02 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

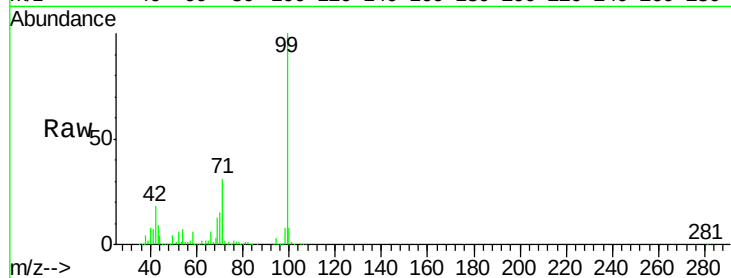
Tot Ion: 99 Resp: 598792

Ion Ratio Lower Upper

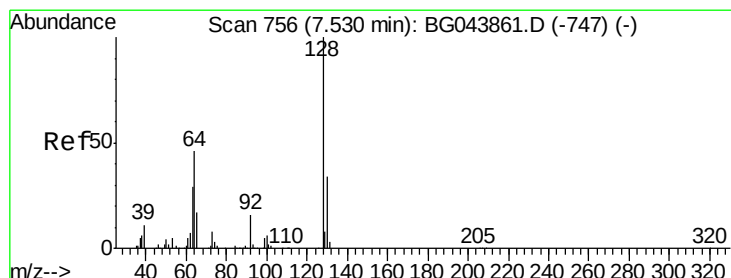
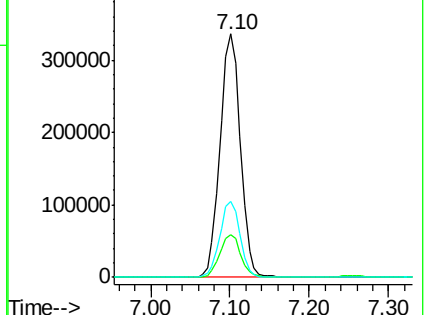
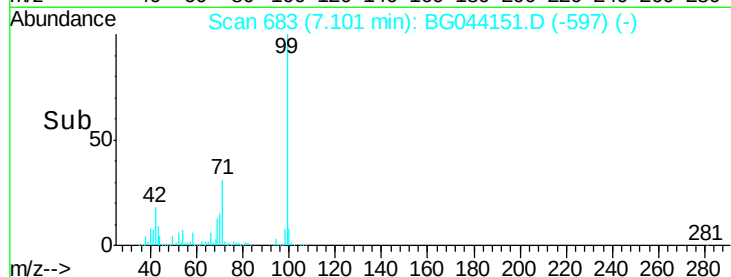
99 100

42 17.6 14.9 22.3

71 31.0 26.4 39.6



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: 41.433 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

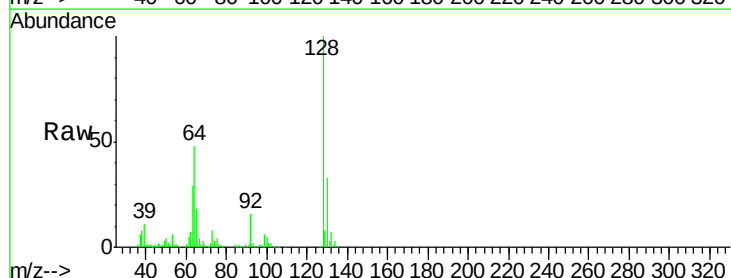
Tgt Ion: 128 Resp: 238616

Ion Ratio Lower Upper

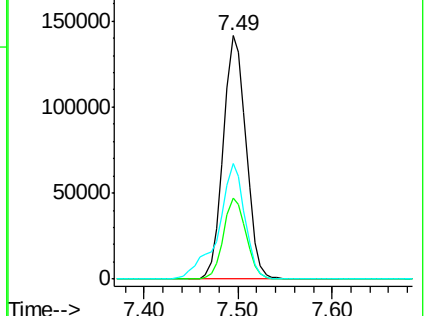
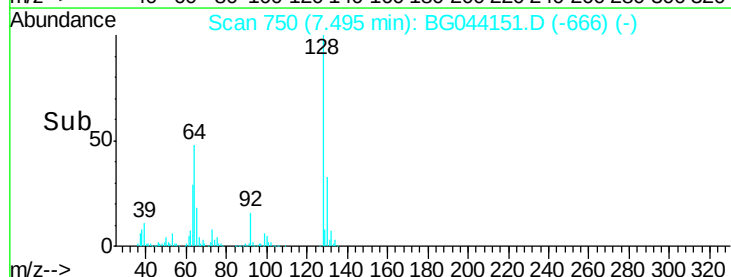
128 100

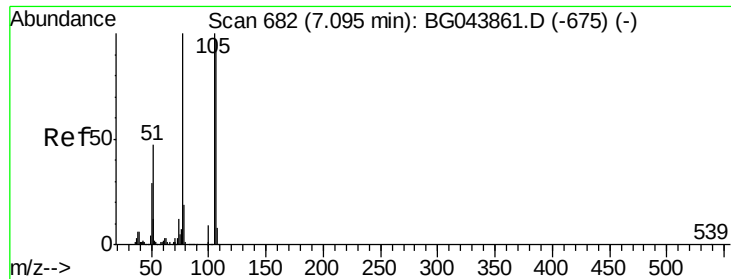
130 33.4 13.8 53.8

64 47.6 27.6 67.6



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





#9

Benzaldehyde

Concen: 33.622 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampled :

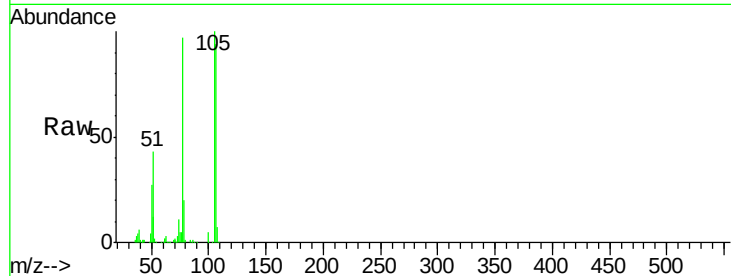
Tot Ion: 77 Resp: 147558

Ion Ratio Lower Upper

77 100

105 103.6 80.2 120.2

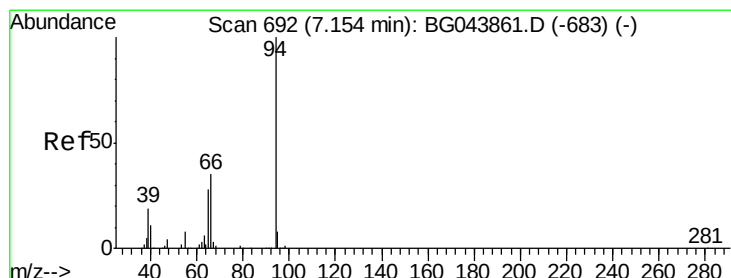
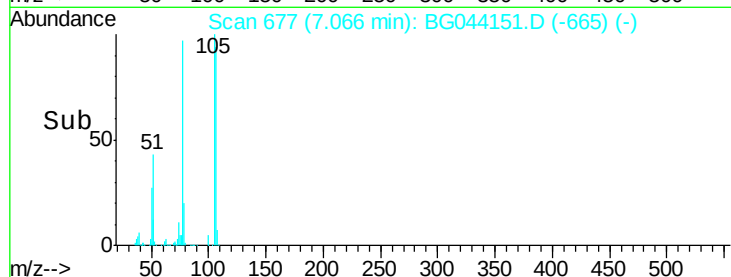
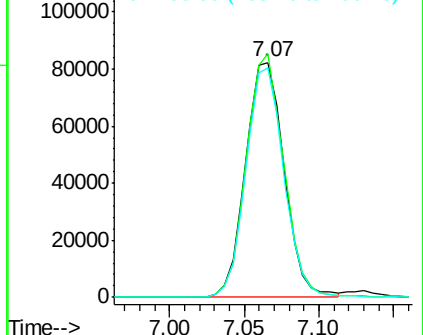
106 97.7 77.2 117.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.510 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

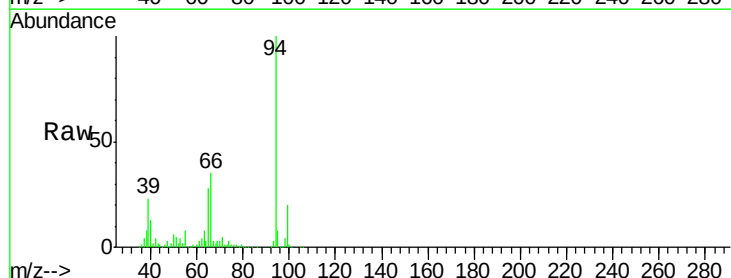
Tgt Ion: 94 Resp: 300336

Ion Ratio Lower Upper

94 100

65 28.3 8.1 48.1

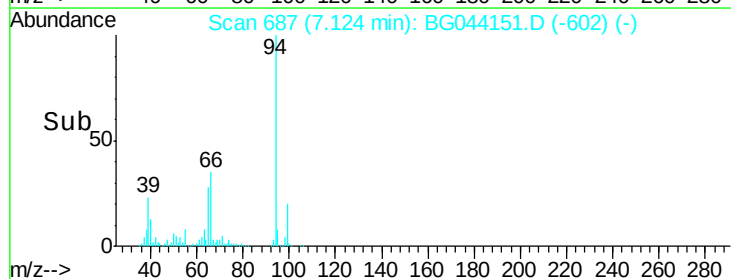
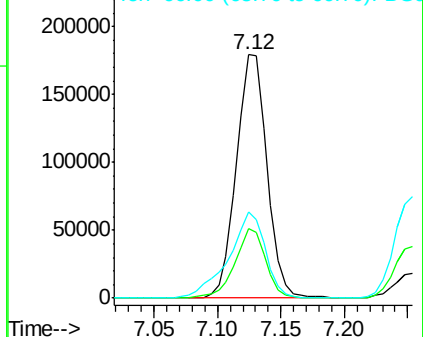
66 35.3 15.6 55.6

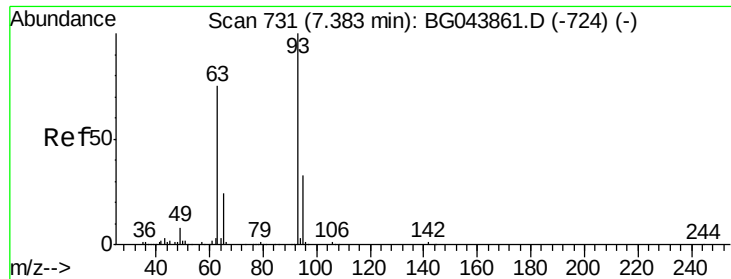


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

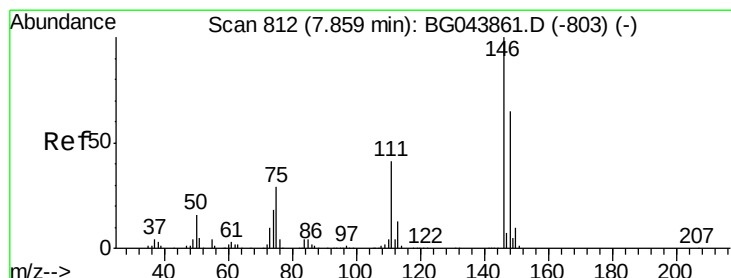
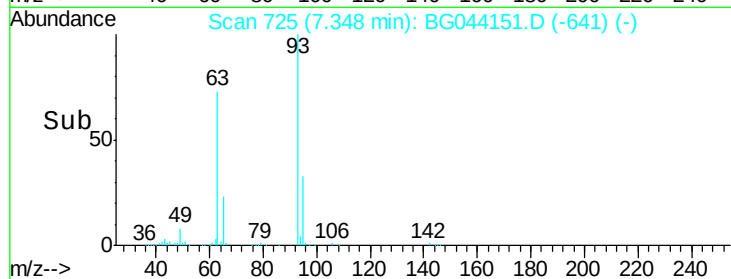
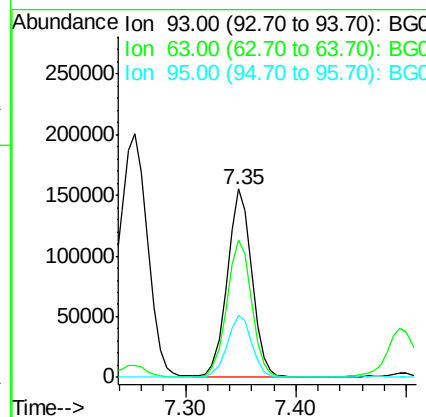
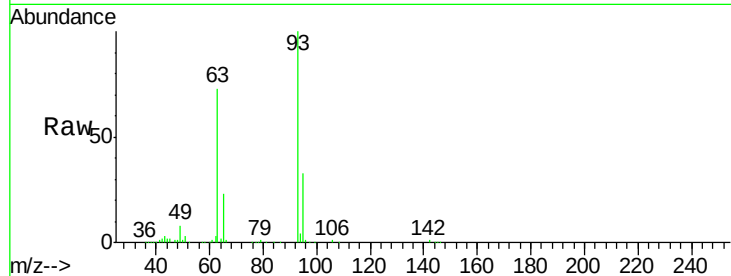




#11
bis(2-Chloroethyl)ether
Concen: 40.072 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

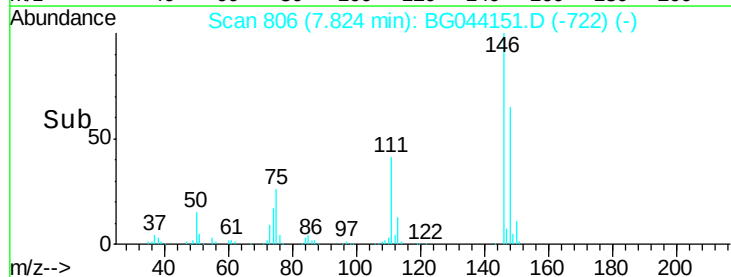
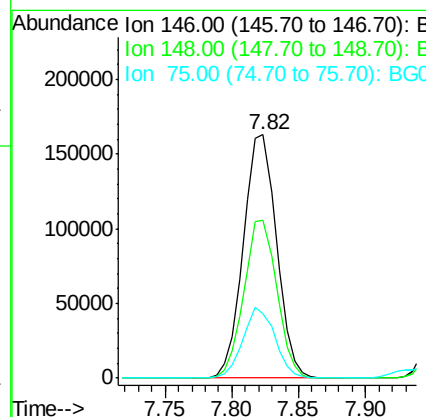
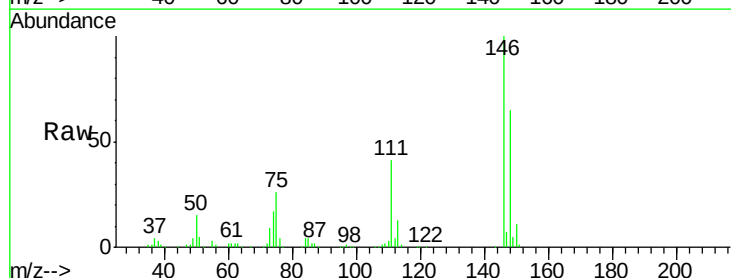
Instrument :
BNA_G
ClientSampleId :

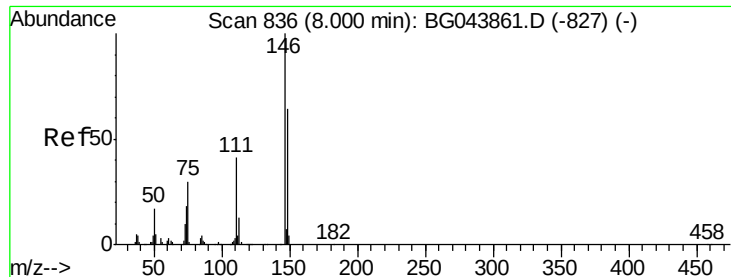
Tot Ion: 93 Resp: 244383
Ion Ratio Lower Upper
93 100
63 73.1 55.0 95.0
95 33.1 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.516 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion: 146 Resp: 279790
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
75 26.4 23.0 34.4

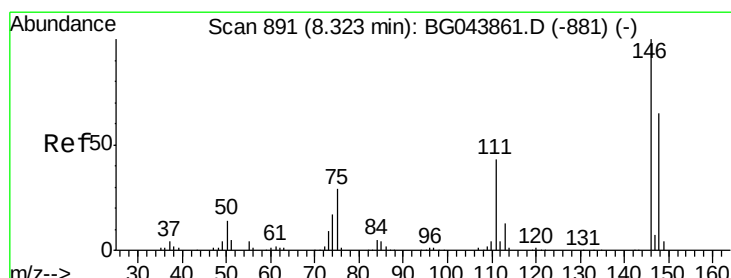
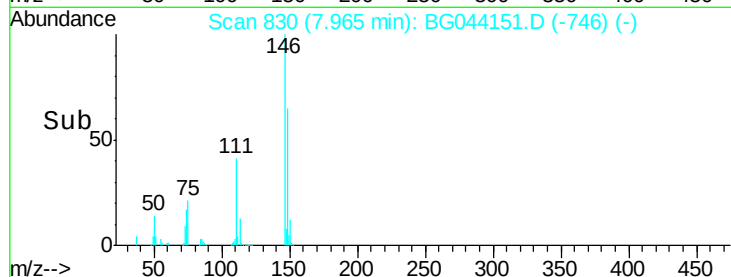
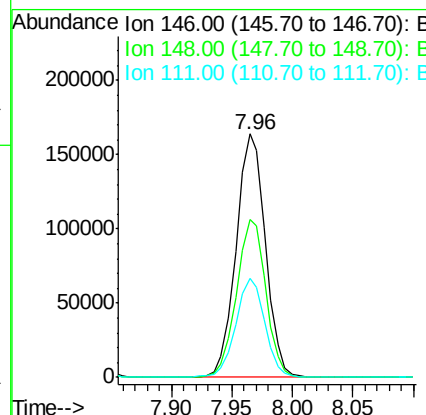
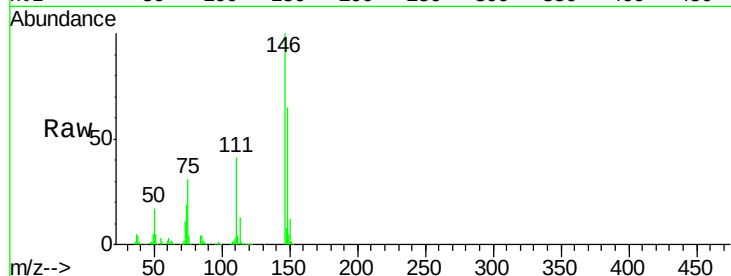




#13
 1,4-Dichlorobenzene
 Concen: 41.625 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

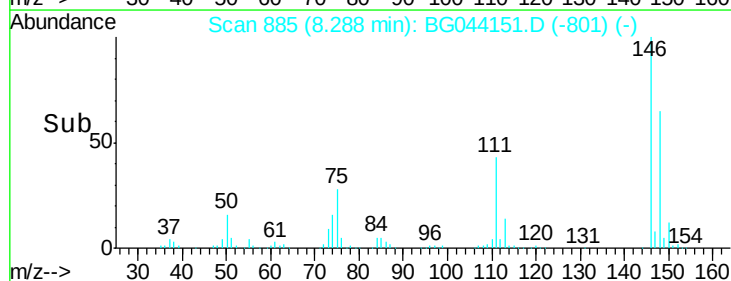
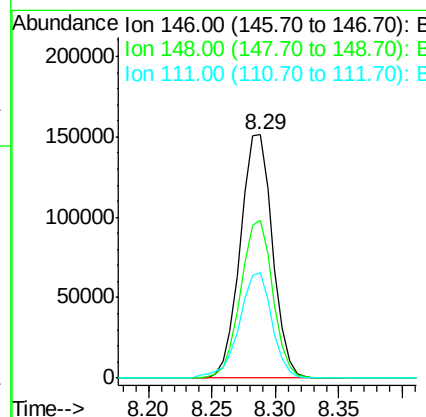
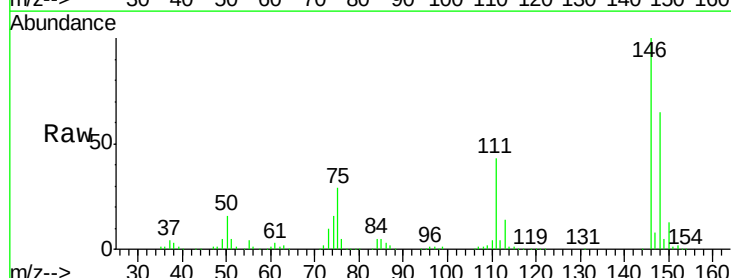
Instrument :
 BNA_G
 ClientSampleId :

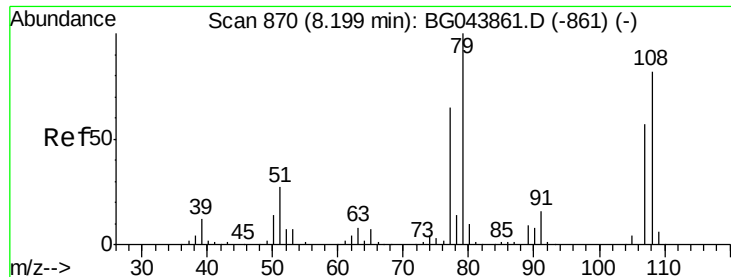
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.2	76.8
111	40.9	33.1	49.7



#14
 1,2-Dichlorobenzene
 Concen: 41.734 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
111	43.2	34.4	51.6





#15

Benzyl Alcohol

Concen: 39.755 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

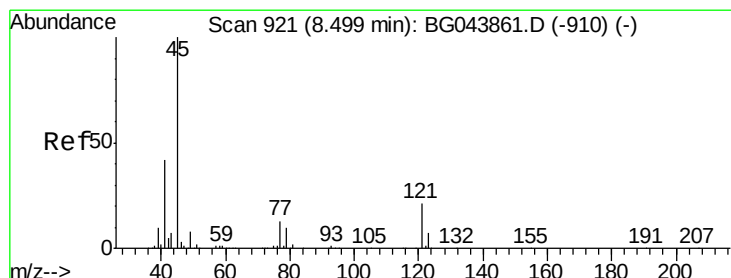
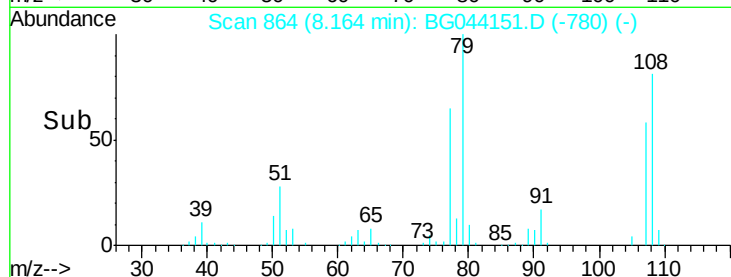
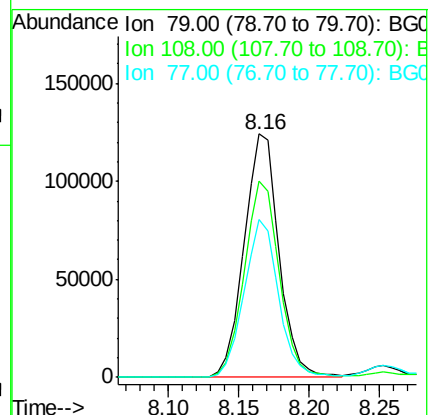
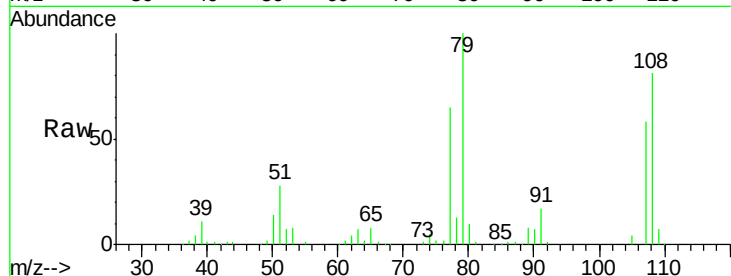
Tot Ion: 79 Resp: 215148

Ion Ratio Lower Upper

79 100

108 80.6 65.6 98.4

77 65.0 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.386 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

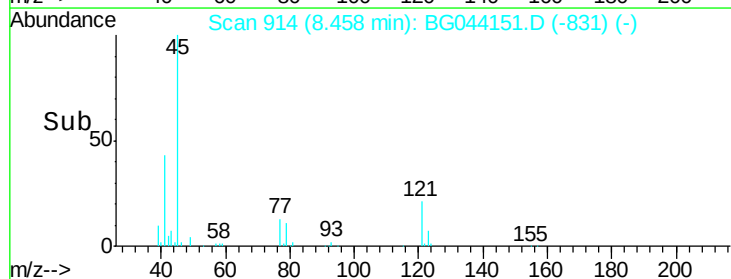
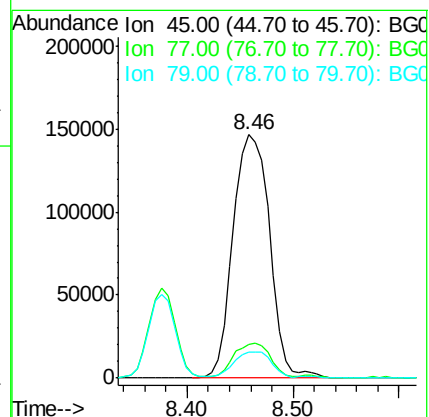
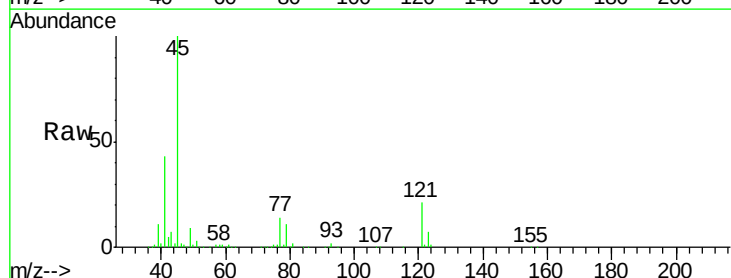
Tgt Ion: 45 Resp: 352741

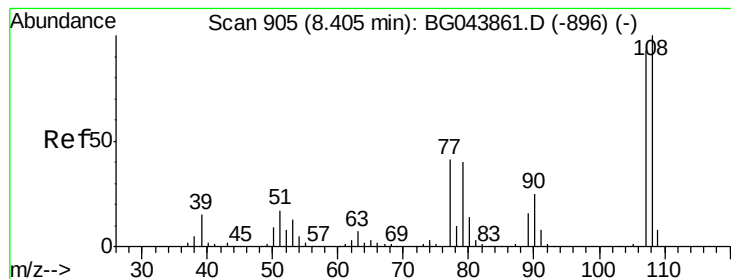
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.8

79 10.8 0.0 31.0

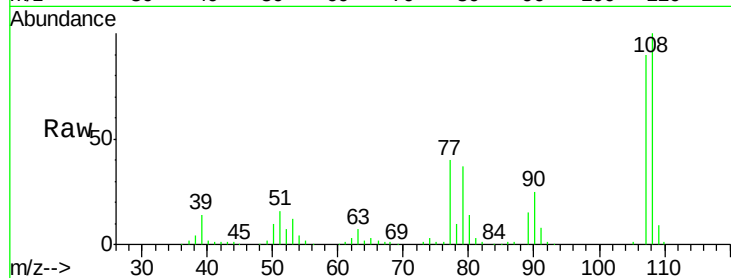




#17
2-Methylphenol
Concen: 41.519 ng
RT: 8.38 min Scan# 900
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.0	86.1	129.1
77	44.8	35.4	53.0
79	41.6	34.8	52.2



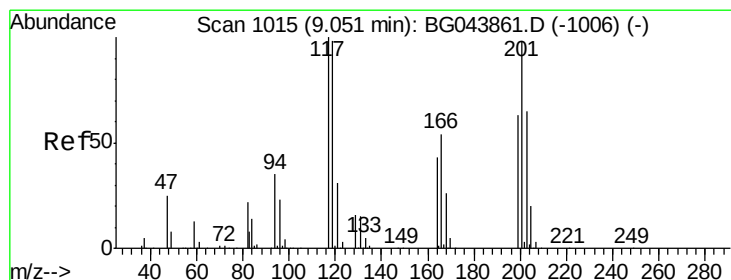
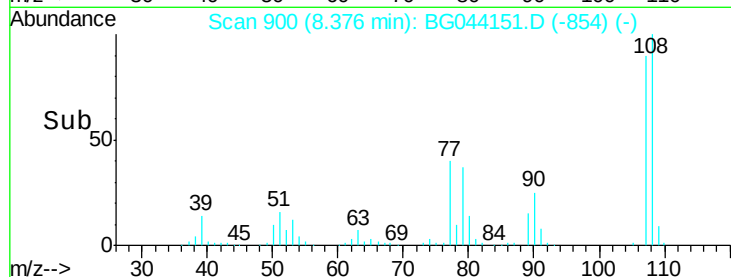
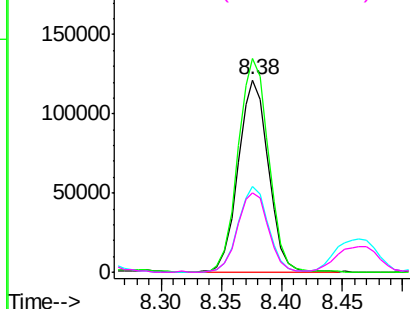
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

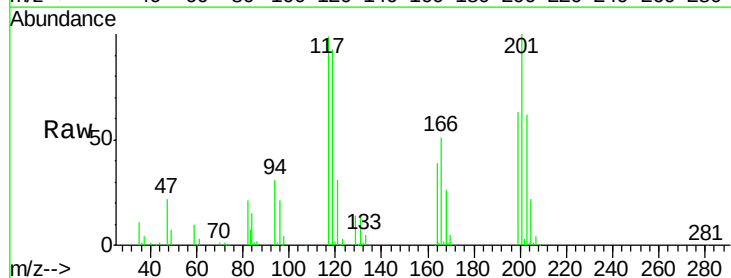
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 40.890 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	78.1	117.1
201	100.8	78.6	117.8

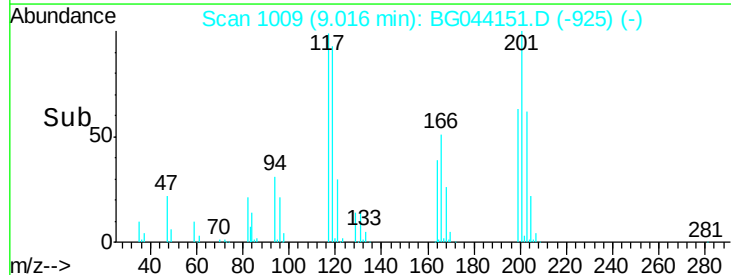
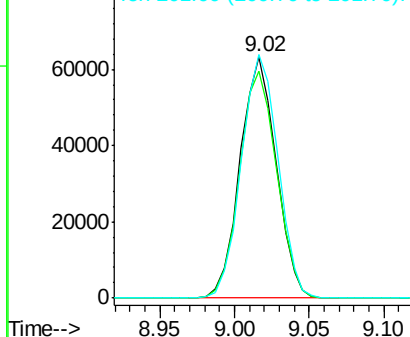


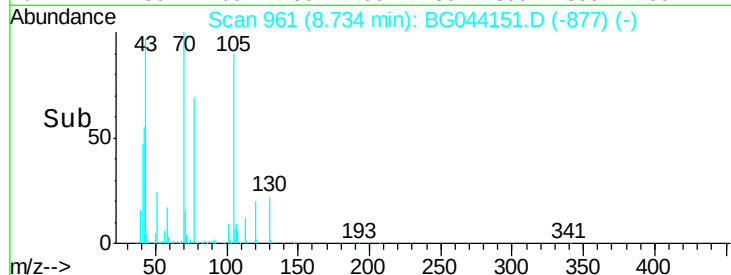
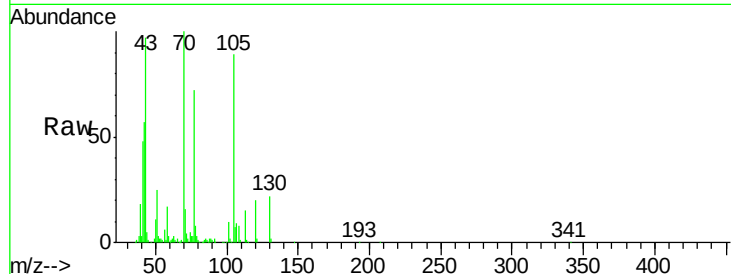
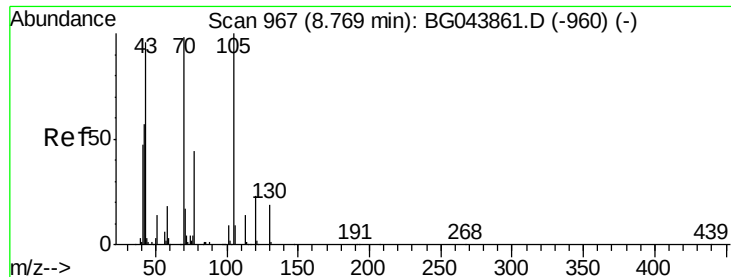
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

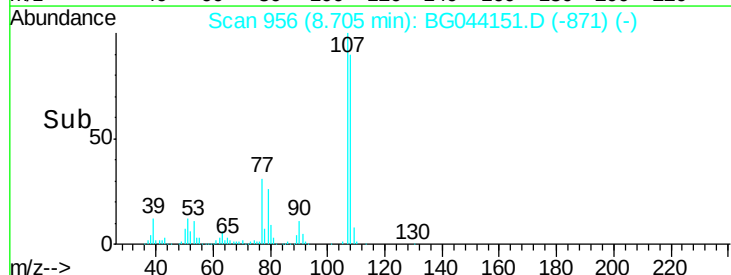
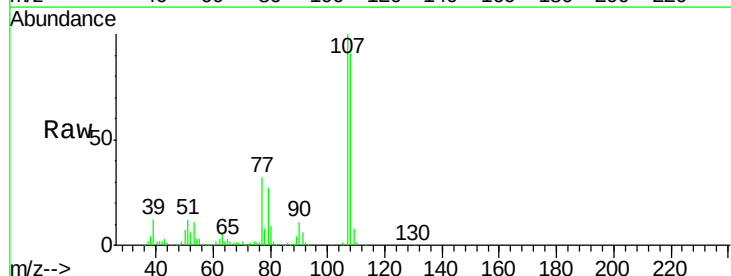
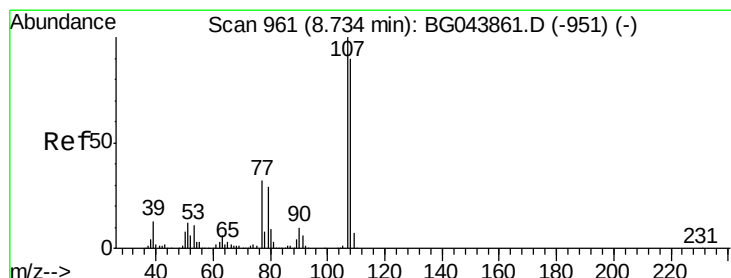
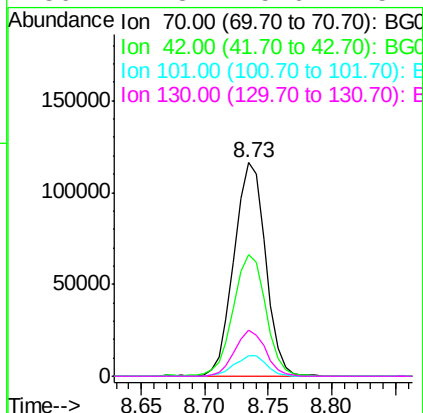




#19
n-Nitroso-di-n-propylamine
Concen: 39.276 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

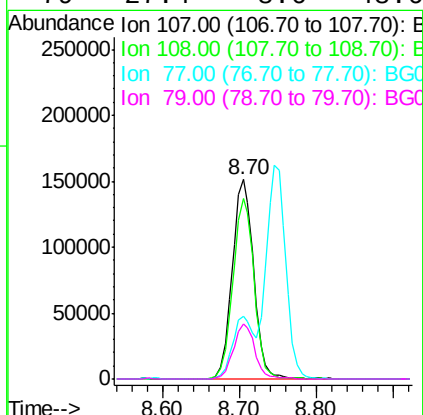
Instrument :
BNA_G
ClientSampleId :

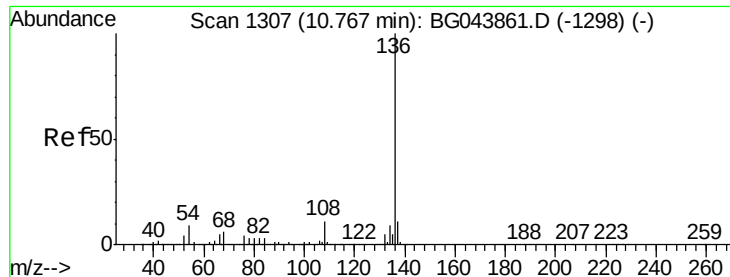
Tot Ion:	70	Resp:	200569
Ion	Ratio	Lower	Upper
70	100		
42	57.1	47.0	70.4
101	9.8	7.2	10.8
130	21.8	15.6	23.4



#20
3+4-Methylphenols
Concen: 41.314 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:	107	Resp:	294671
Ion	Ratio	Lower	Upper
107	100		
108	90.6	70.3	110.3
77	31.6	12.4	52.4
79	27.4	8.6	48.6

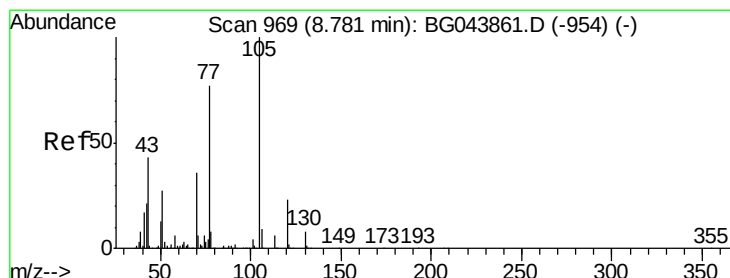
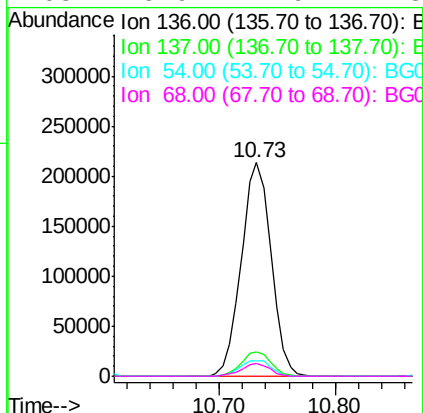
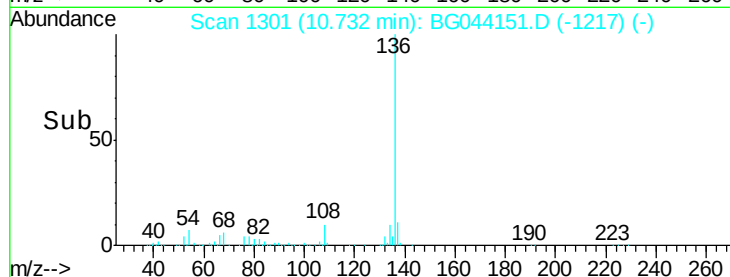
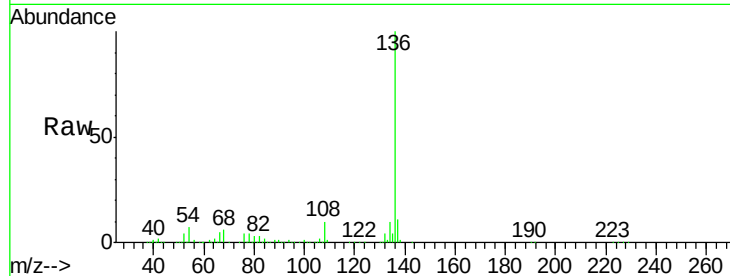




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

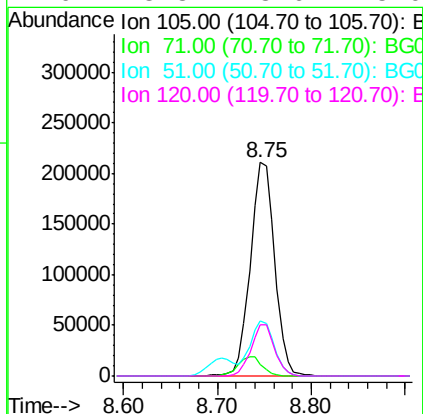
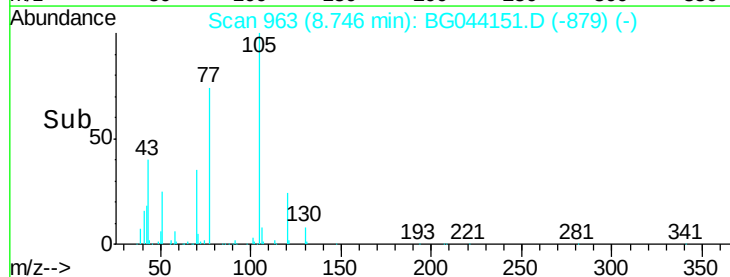
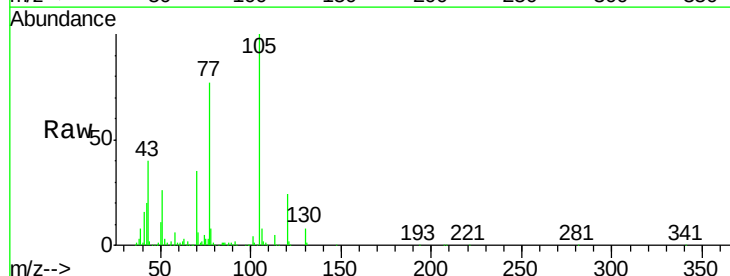
Instrument :
BNA_G
ClientSampleId :

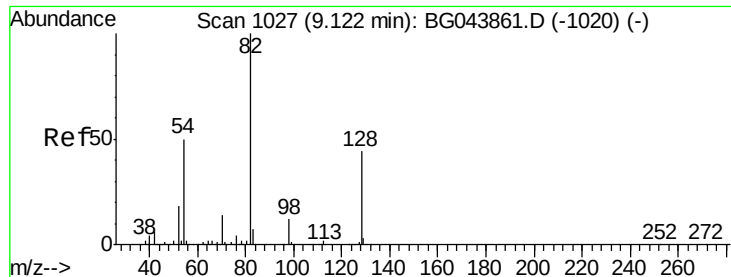
Tot Ion:136	Resp:	382699
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.8 13.2
54	7.5	7.0 10.4
68	5.9	4.9 7.3



#22
Acetophenone
Concen: 39.821 ng
RT: 8.75 min Scan# 963
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:105	Resp:	378863
Ion	Ratio	Lower Upper
105	100	
71	5.6	4.8 7.2
51	25.9	21.4 32.0
120	23.8	18.6 28.0

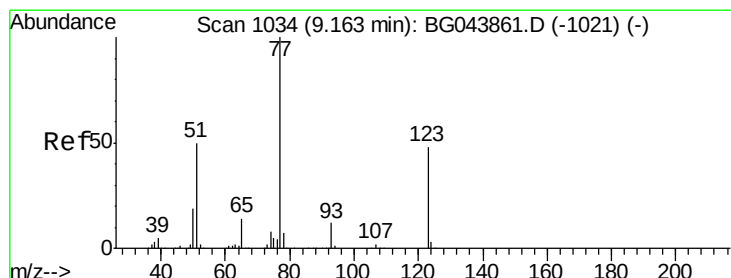
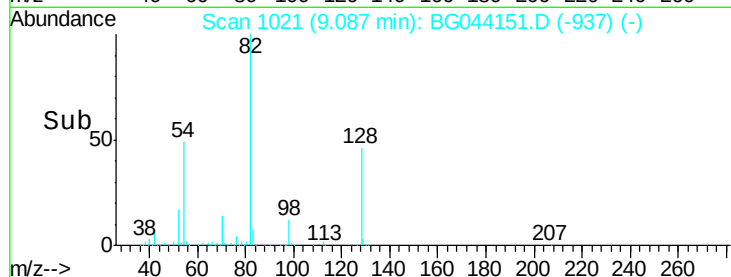
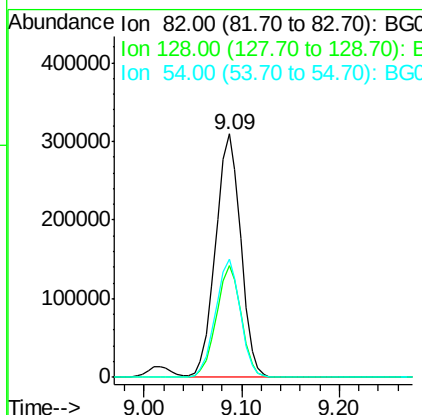
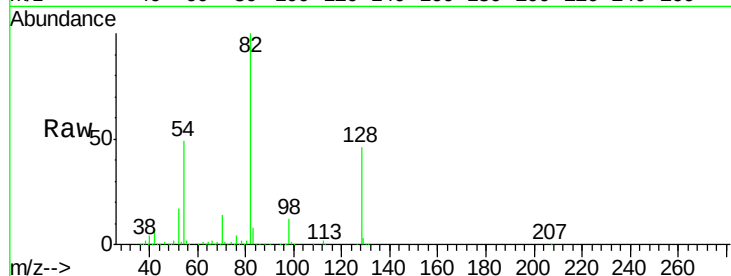




#23
Nitrobenzene-d5
Concen: 77.230 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

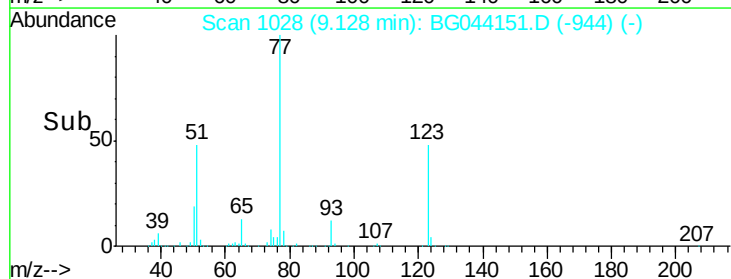
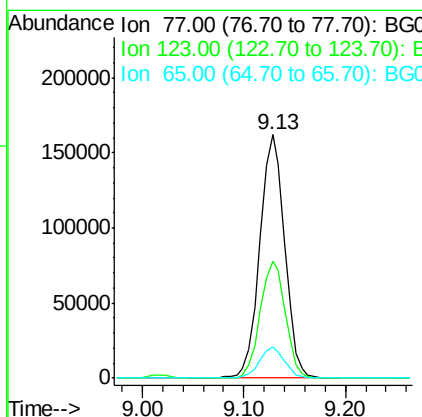
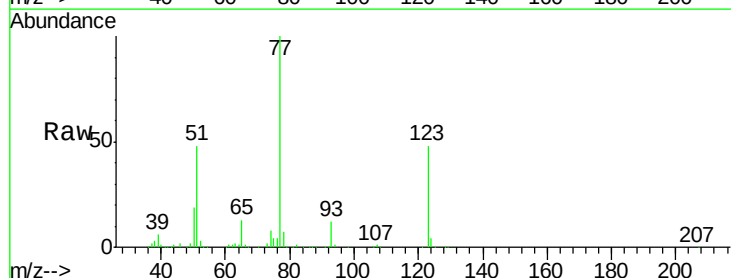
Instrument :
BNA_G
ClientSampleId :

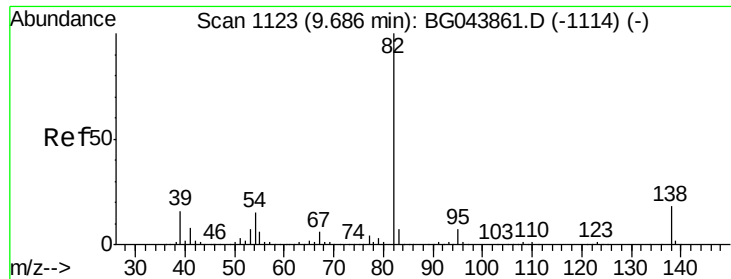
Tot Ion	82	Resp	552491
Ion Ratio	Lower	Upper	
82	100		
128	45.9	35.1	52.7
54	48.6	40.1	60.1



#24
Nitrobenzene
Concen: 38.947 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion	77	Resp	275954
Ion Ratio	Lower	Upper	
77	100		
123	48.1	38.7	58.1
65	12.8	11.1	16.7





#25

Isophorone

Concen: 39.041 ng

RT: 9.65 min Scan# 1117

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

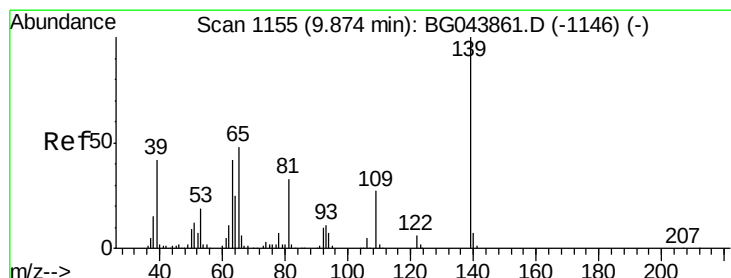
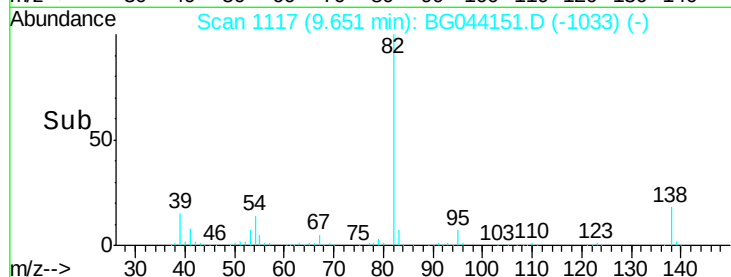
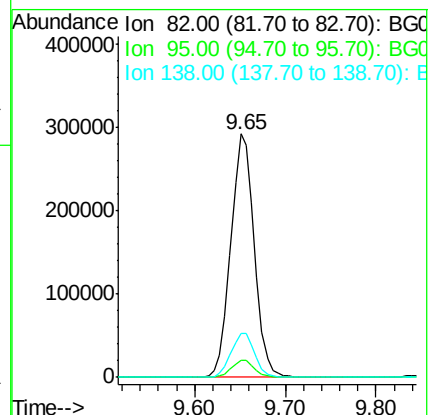
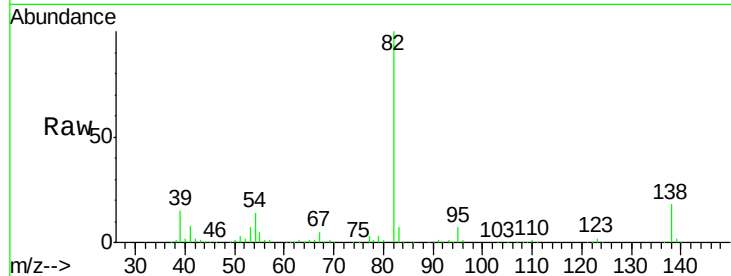
Tot Ion: 82 Resp: 523986

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

138 18.3 14.6 22.0



#26

2-Nitrophenol

Concen: 43.032 ng

RT: 9.84 min Scan# 1149

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

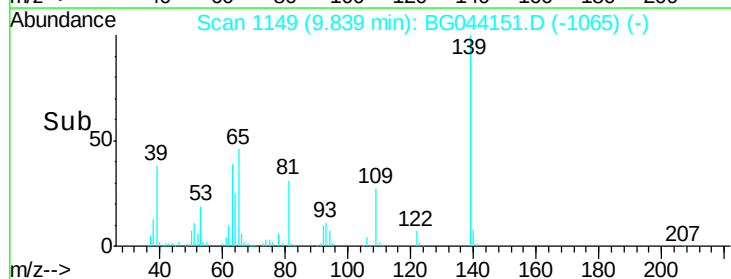
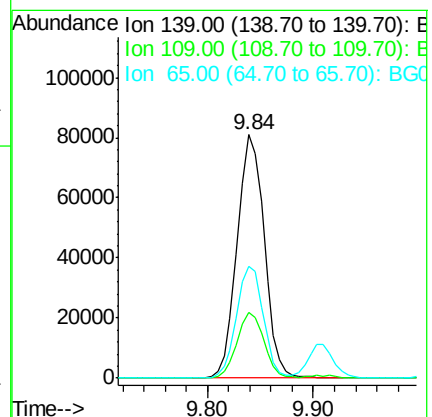
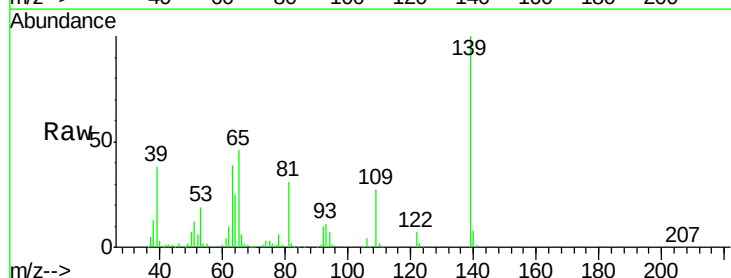
Tgt Ion: 139 Resp: 144251

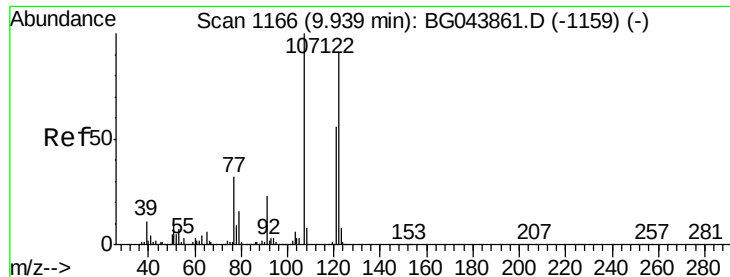
Ion Ratio Lower Upper

139 100

109 27.1 21.3 31.9

65 46.0 38.6 57.8

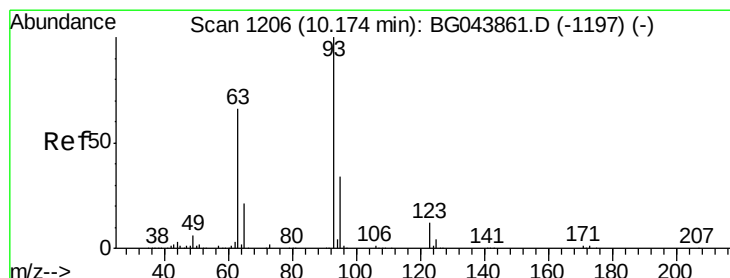
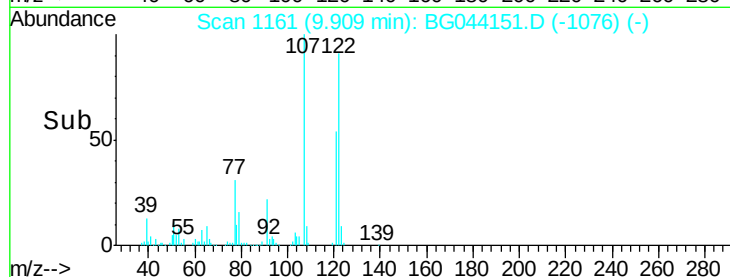
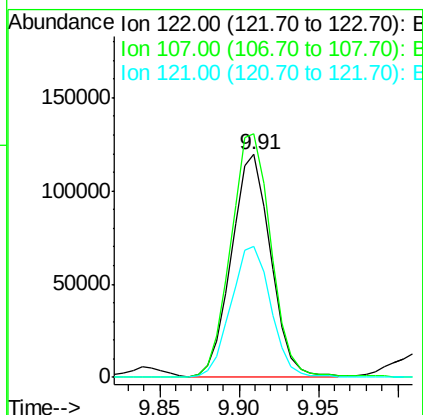
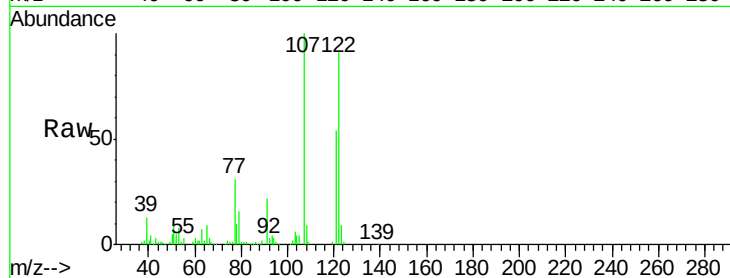




#27
 2,4-Dimethylphenol
 Concen: 40.477 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

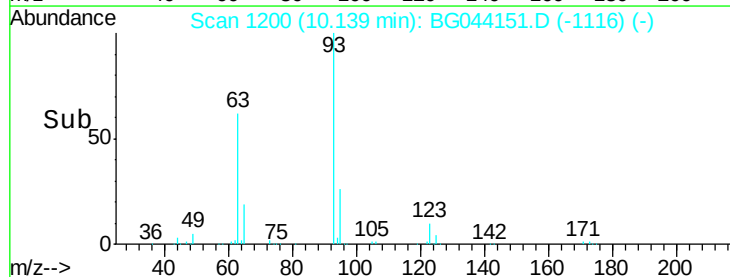
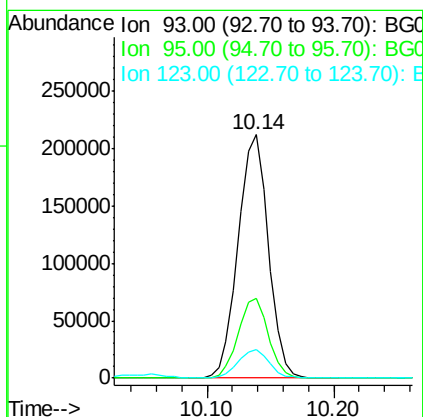
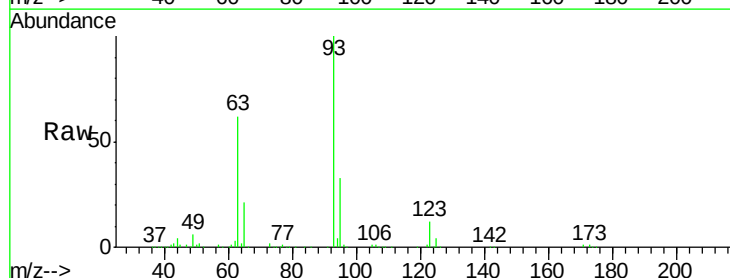
Instrument :
 BNA_G
 ClientSampleId :

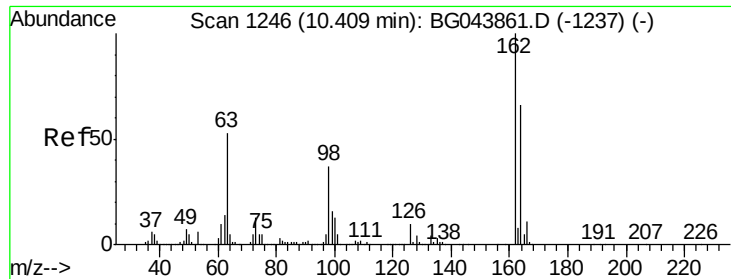
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.3	88.0	132.0
121	58.8	49.0	73.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.179 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	27.2	40.8
123	11.7	9.7	14.5

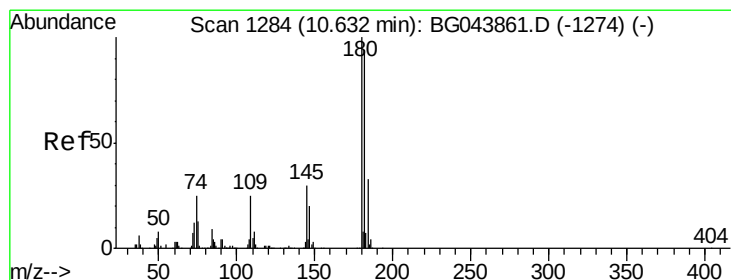
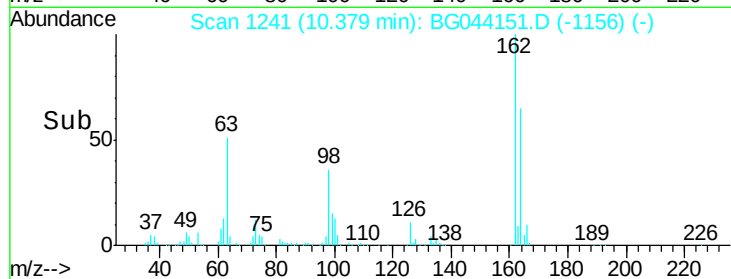
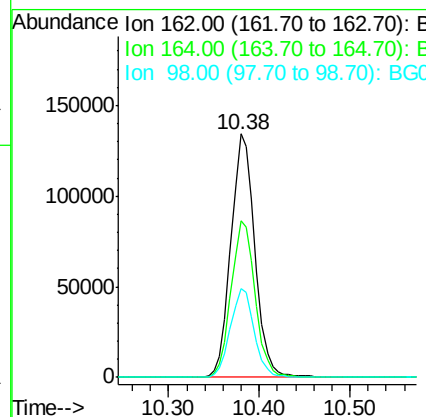
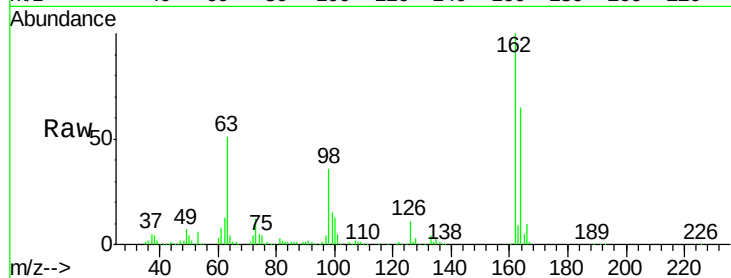




#29
 2,4-Dichlorophenol
 Concen: 40.982 ng
 RT: 10.38 min Scan# 1241
 Delta R.T. -0.03 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

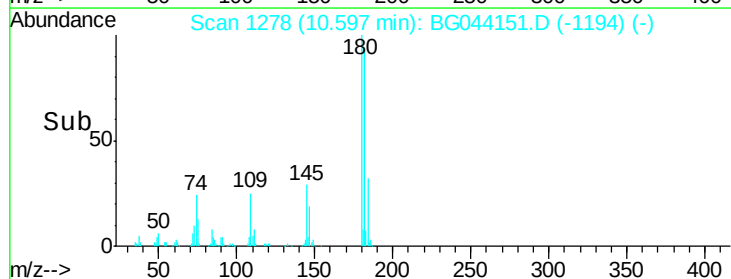
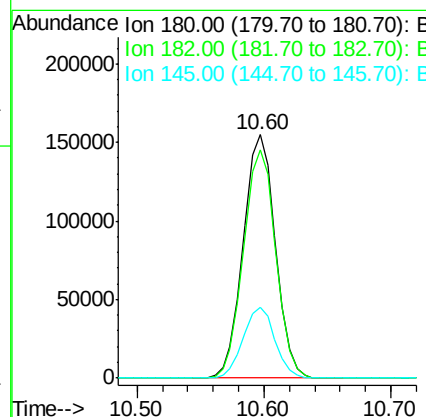
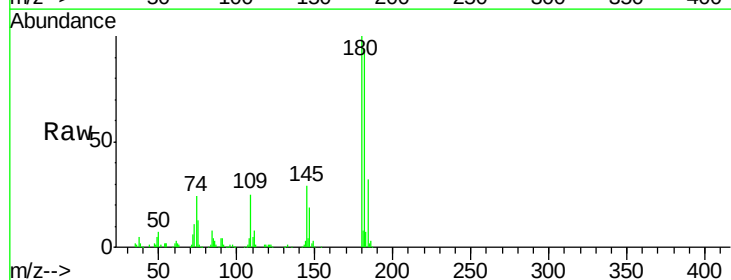
Instrument :
 BNA_G
 ClientSampleId :

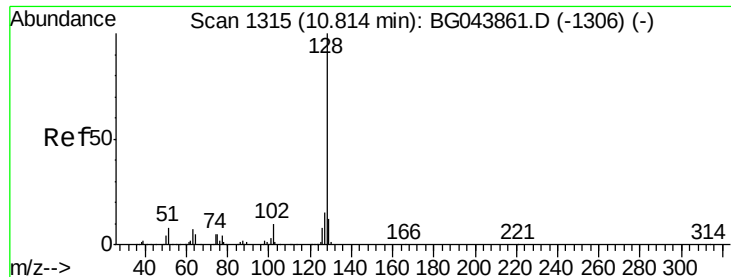
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.5	46.3	86.3
98	36.2	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 40.339 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.0	112.4
145	29.2	24.2	36.4

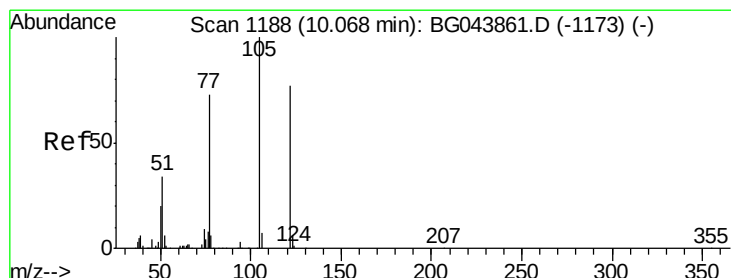
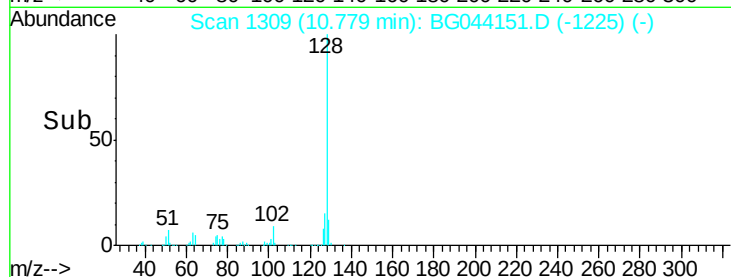
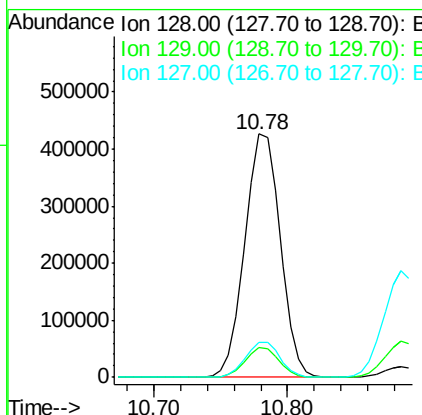
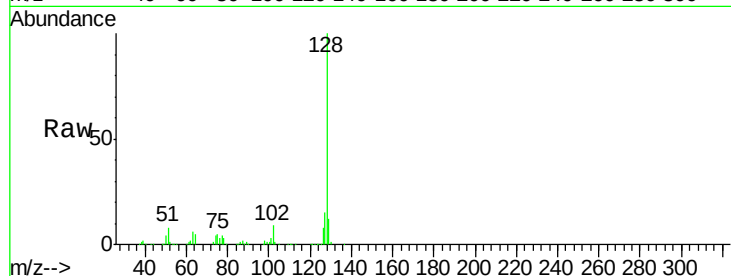




#31
Naphthalene
Concen: 42.211 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

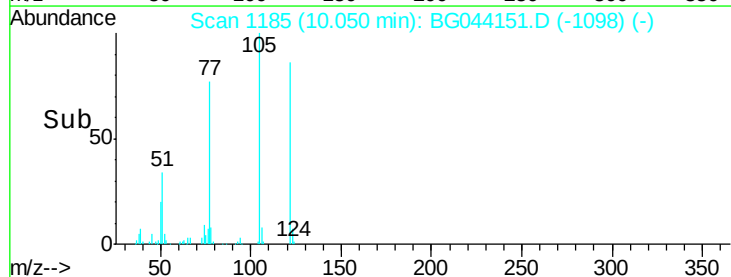
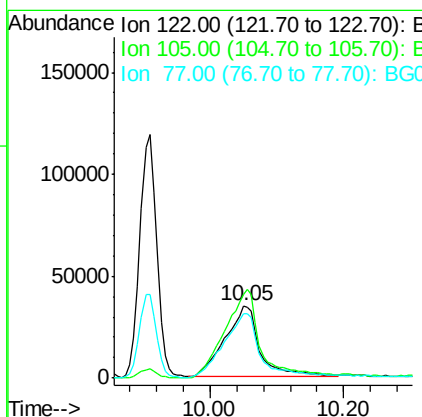
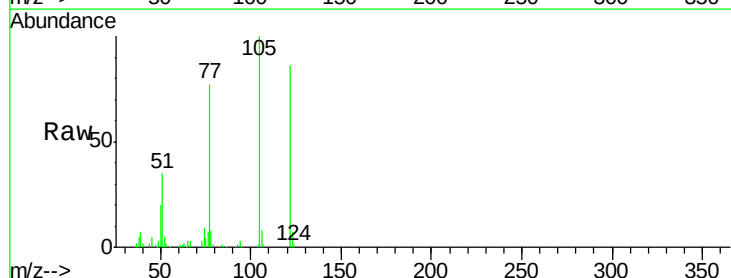
Instrument :
BNA_G
ClientSampled :

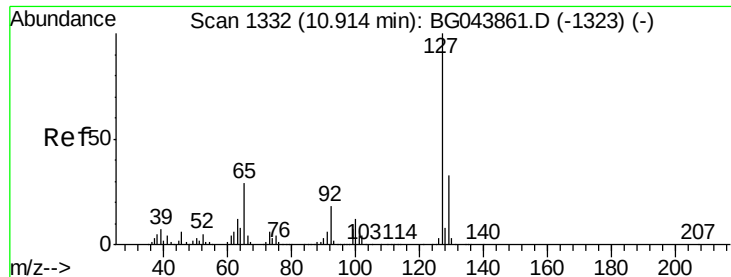
Tot Ion:128 Resp: 781719
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 14.6 12.0 18.0



#32
Benzoic acid
Concen: 33.276 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:122 Resp: 127661
Ion Ratio Lower Upper
122 100
105 115.7 106.4 146.4
77 88.6 74.6 114.6

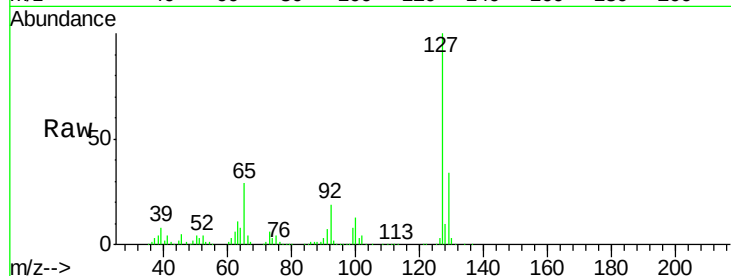




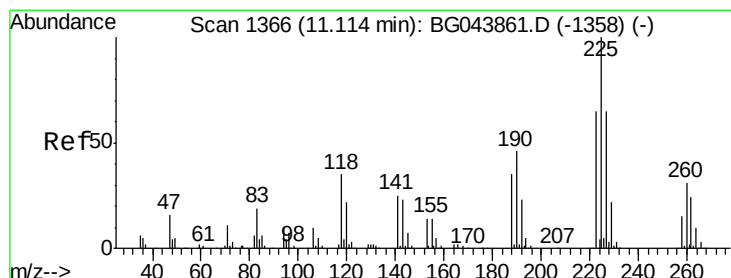
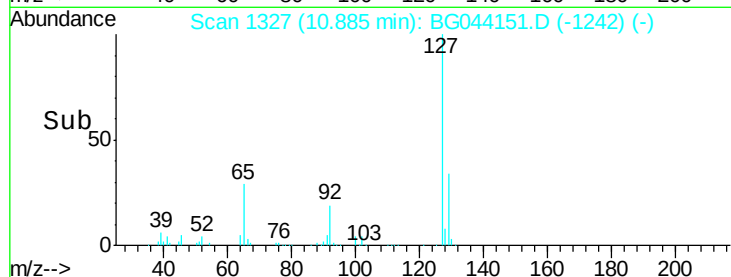
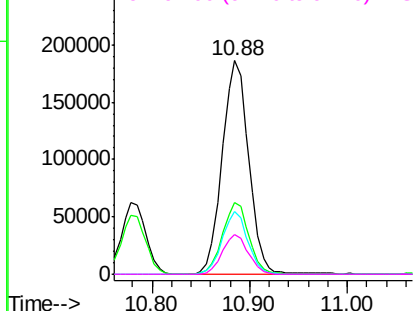
#33
4-Chloroaniline
Concen: 39.855 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	352043
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.6	40.0
65	29.1	23.3	34.9
92	18.7	14.7	22.1

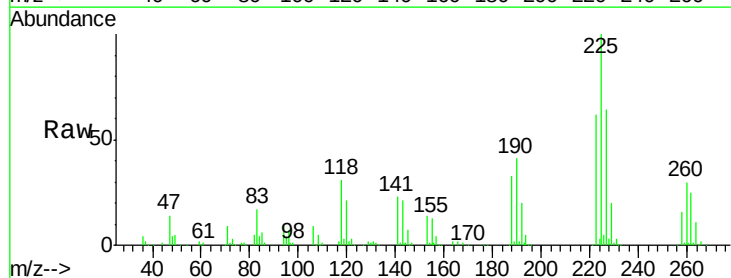


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

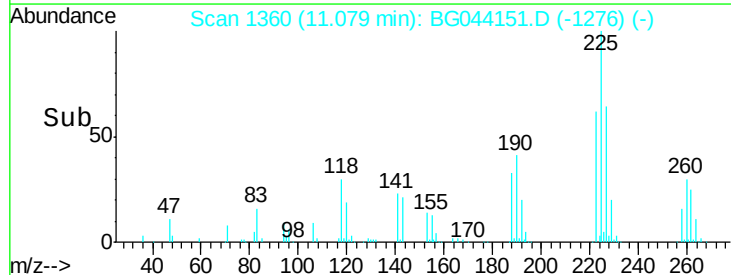
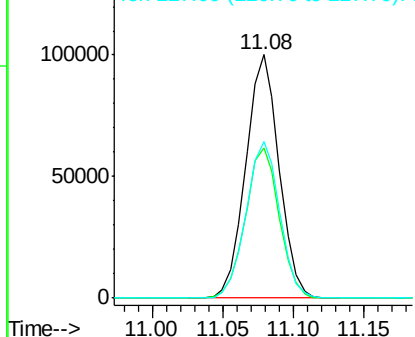


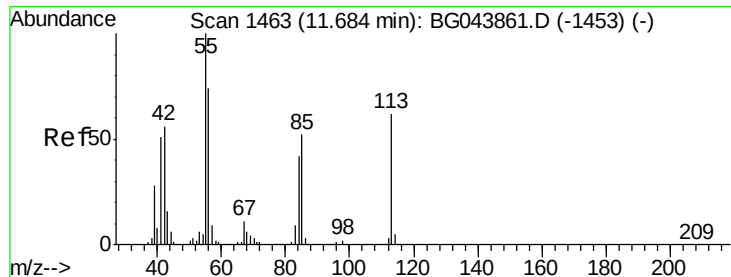
#34
Hexachlorobutadiene
Concen: 40.089 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:	225	Resp:	165189
Ion	Ratio	Lower	Upper
225	100		
223	61.9	52.2	78.4
227	64.4	52.1	78.1



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: 40.311 ng

RT: 11.65 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

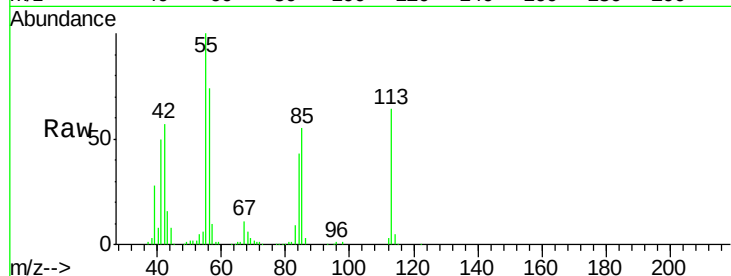
Tot Ion:113 Resp: 90325

Ion Ratio Lower Upper

113 100

55 155.9 142.5 182.5

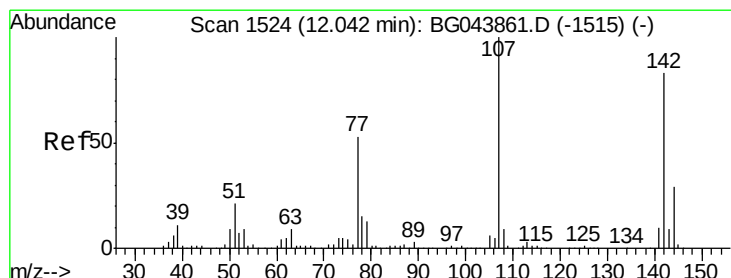
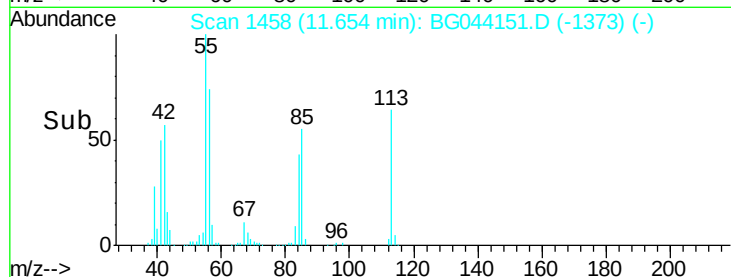
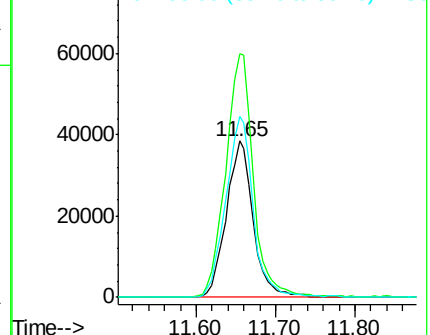
56 116.2 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.611 ng

RT: 12.02 min Scan# 1520

Delta R.T. -0.02 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

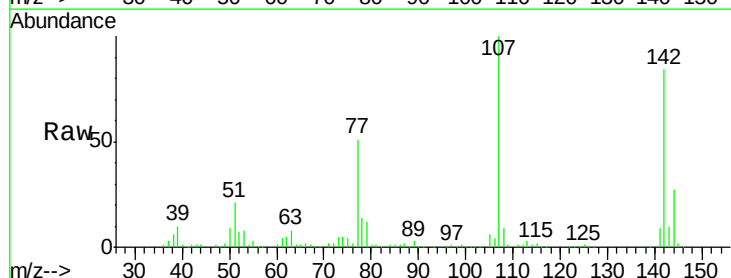
Tgt Ion:107 Resp: 266629

Ion Ratio Lower Upper

107 100

144 27.1 23.4 35.2

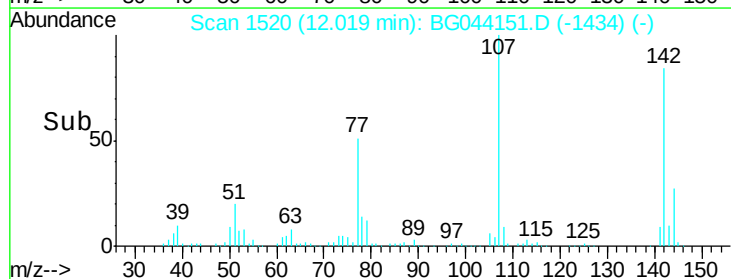
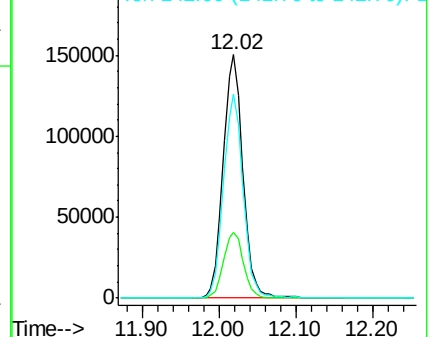
142 84.0 66.3 99.5

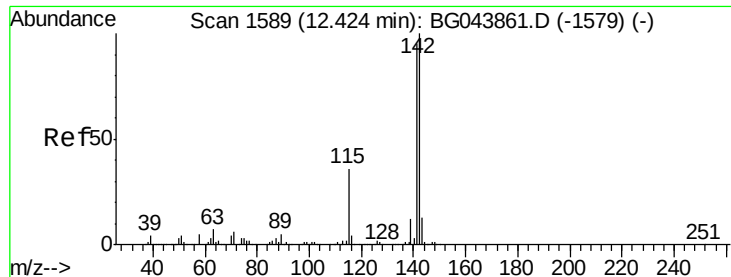


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

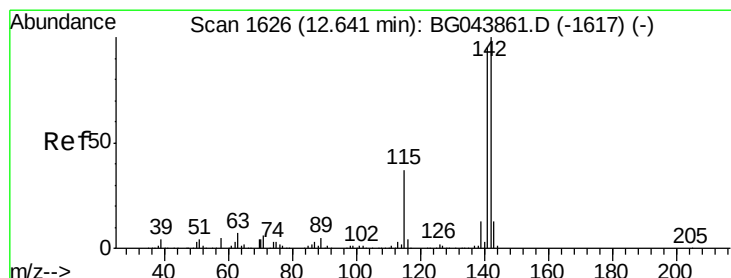
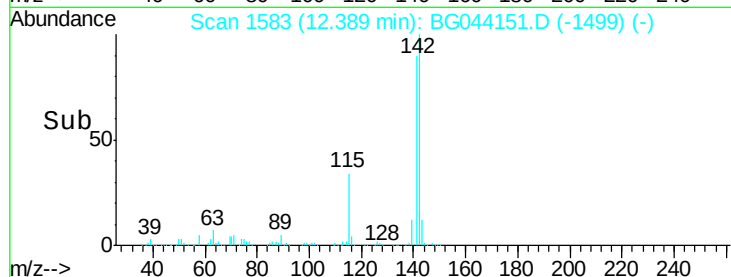
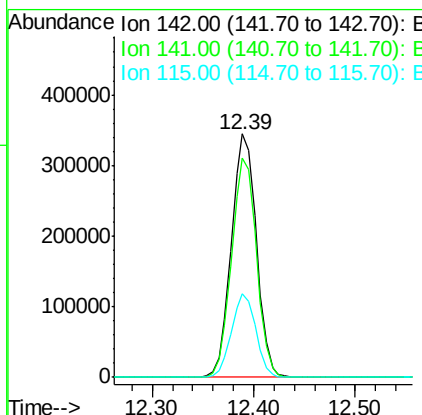
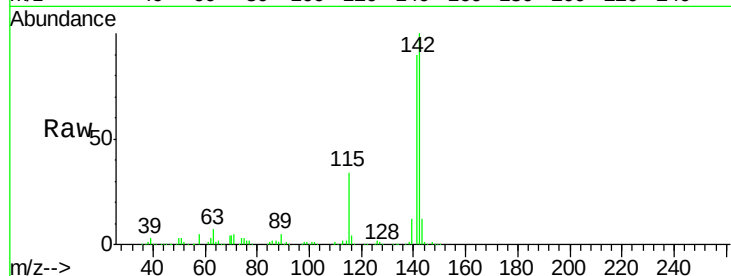




#37
2-Methylnaphthalene
Concen: 42.181 ng
RT: 12.39 min Scan# 1583
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

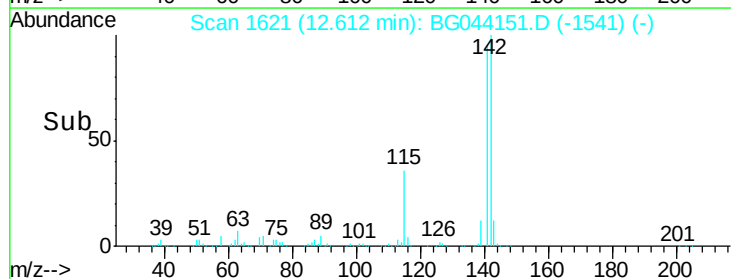
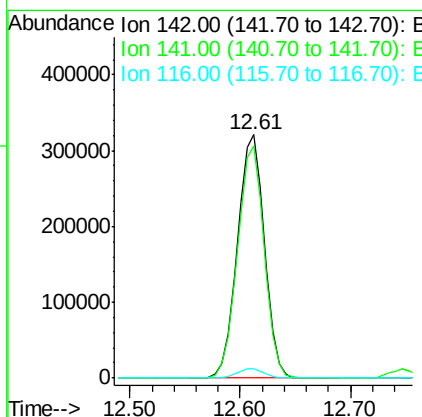
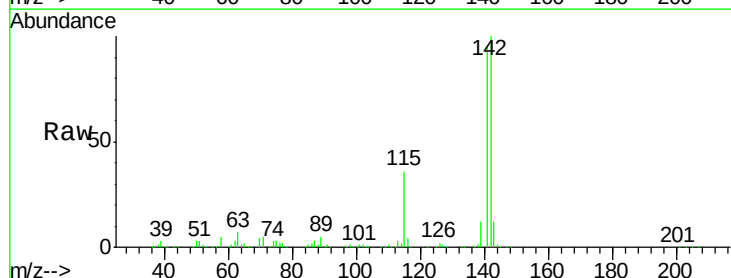
Instrument :
BNA_G
ClientSampleId :

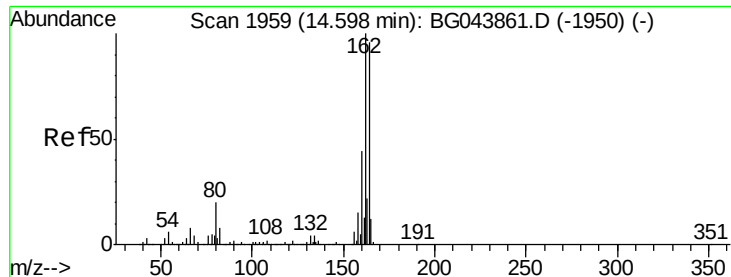
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	75.8	113.8
115	34.4	28.6	42.8



#38
1-Methylnaphthalene
Concen: 41.571 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	76.0	114.0
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

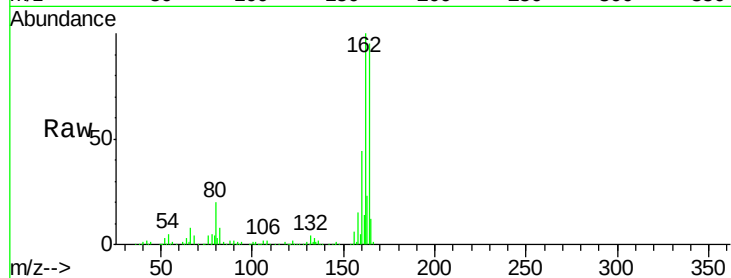
Tot Ion:164 Resp: 246234

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.4

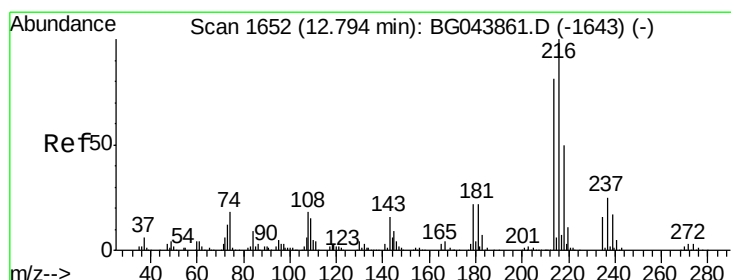
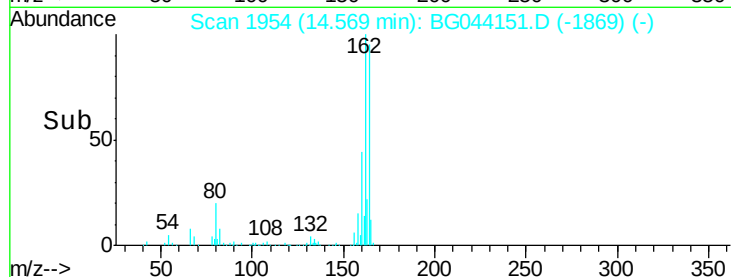
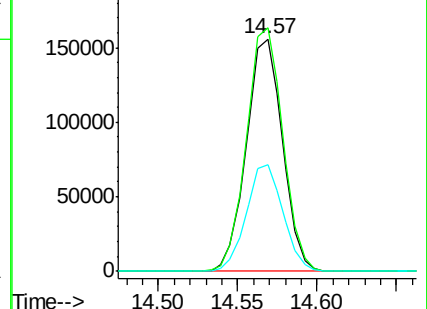
160 45.7 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.298 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Tgt Ion:216 Resp: 298051

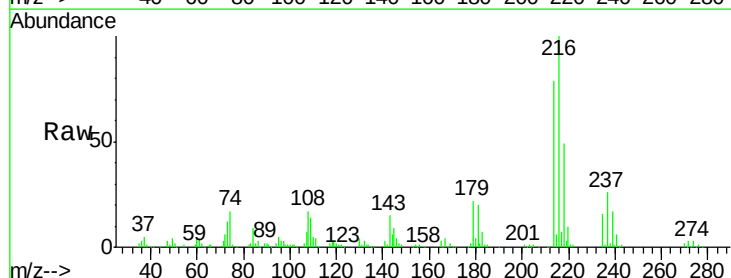
Ion Ratio Lower Upper

216 100

214 79.5 63.8 95.8

179 21.2 17.3 25.9

108 18.2 15.3 22.9

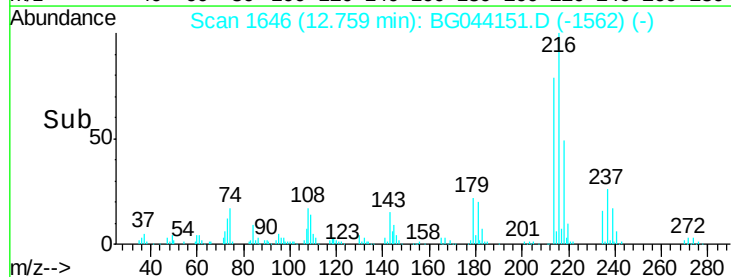
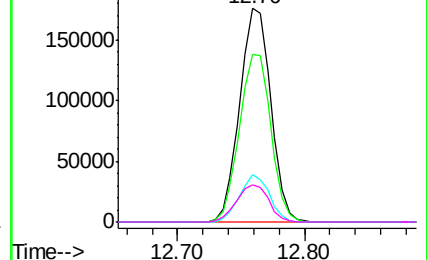


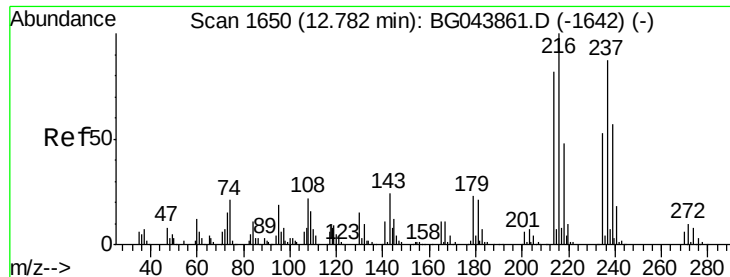
Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.135 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.04 min

Lab File: BG044151.D

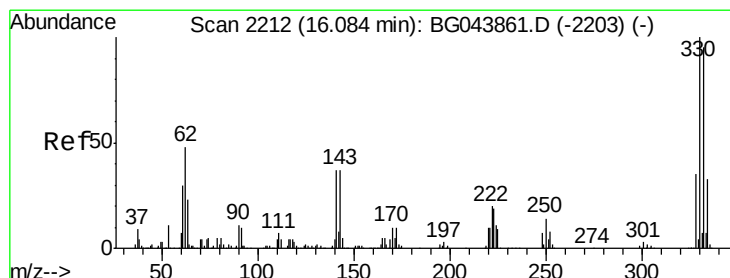
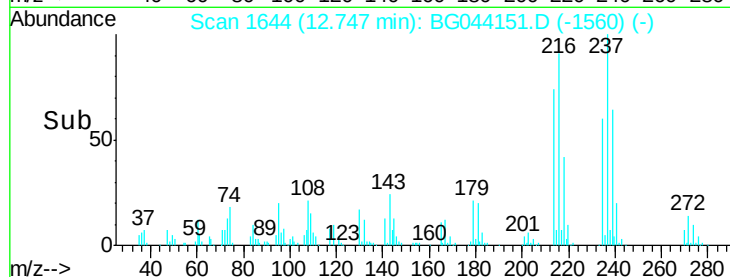
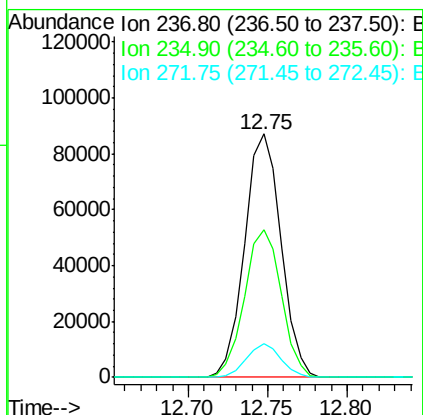
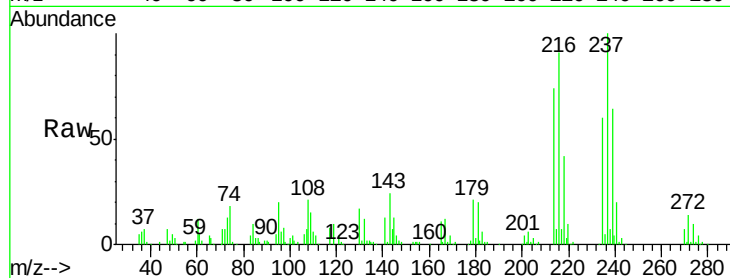
Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampled :

Tot Ion:	237	Resp:	138947
Ion Ratio	Lower	Upper	
237	100		
235	60.4	41.1	81.1
272	13.8	0.0	31.7



#42

2,4,6-Tribromophenol

Concen: 89.007 ng

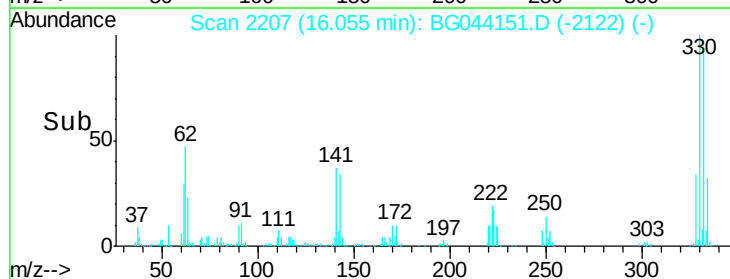
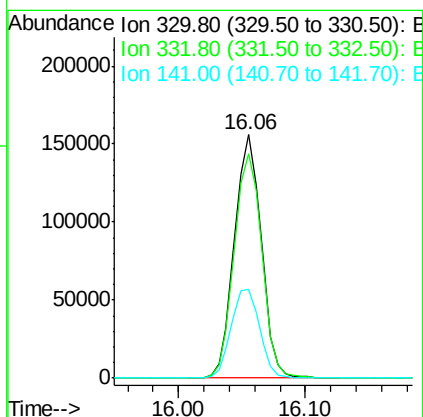
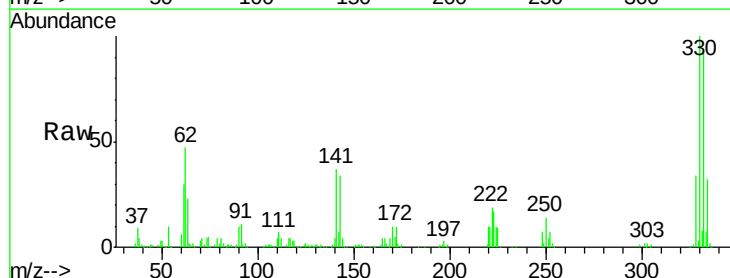
RT: 16.06 min Scan# 2207

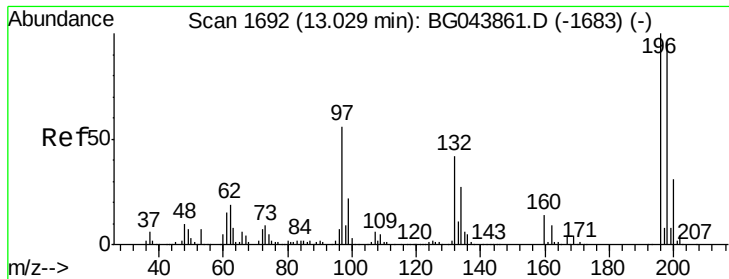
Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Tgt Ion:	330	Resp:	229353
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.2	115.8
141	38.7	33.1	49.7

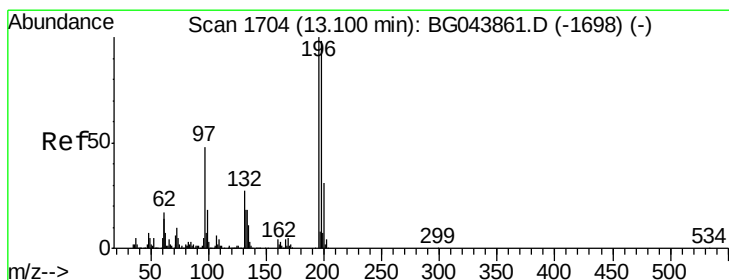
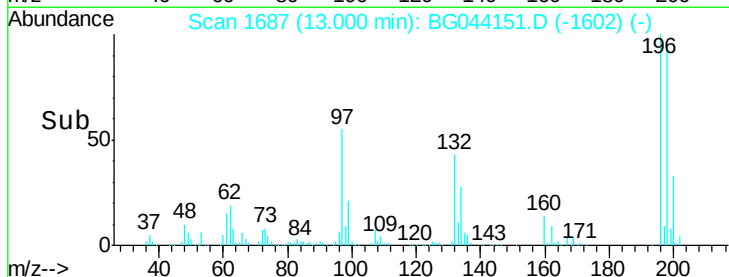
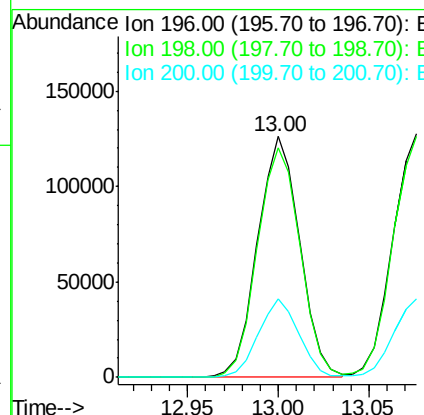
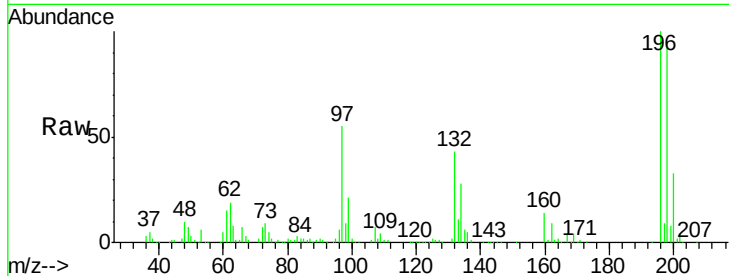




#43
 2,4,6-Trichlorophenol
 Concen: 40.873 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

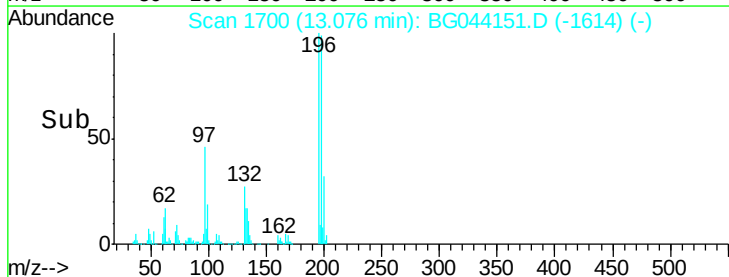
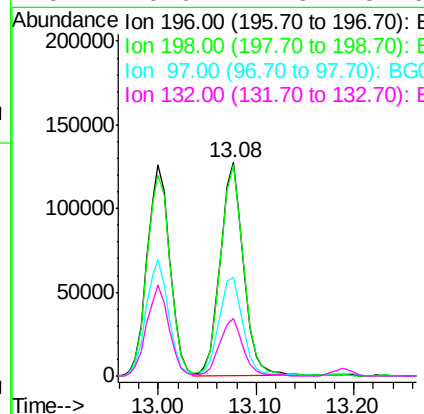
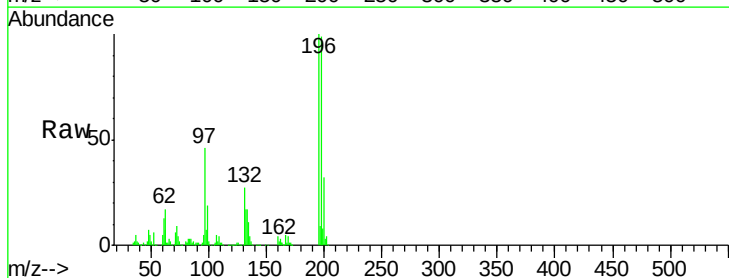
Instrument :
 BNA_G
 ClientSampleId :

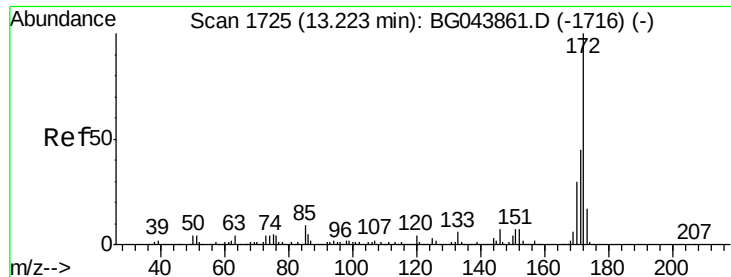
Tot Ion:196 Resp: 202974
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.6 115.0
 200 32.5 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 41.085 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion:196 Resp: 210431
 Ion Ratio Lower Upper
 196 100
 198 98.8 78.3 117.5
 97 46.2 38.8 58.2
 132 26.9 21.3 31.9

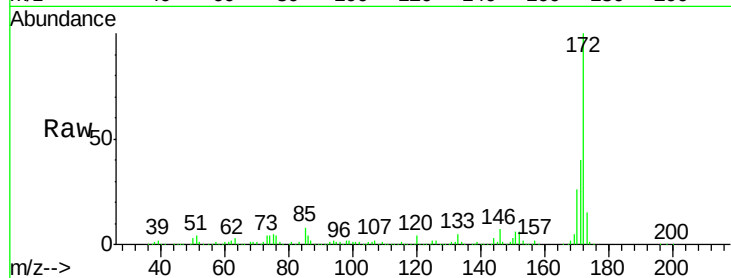




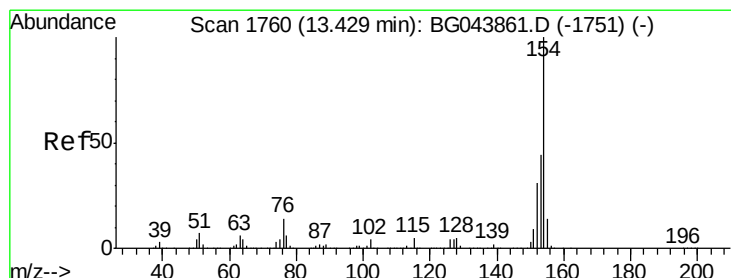
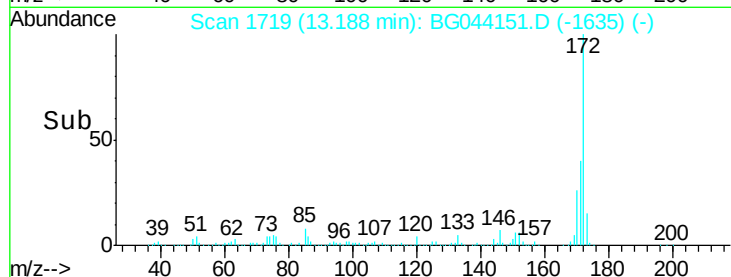
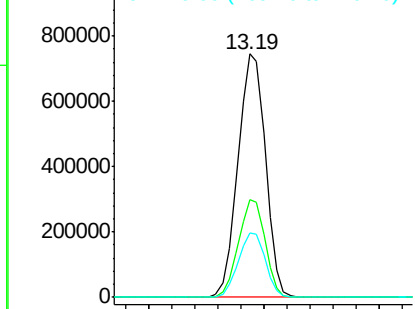
#45
2-Fluorobiphenyl
Concen: 90.255 ng
RT: 13.19 min Scan# 1719
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1226633
Ion Ratio Lower Upper
172 100
171 40.1 35.8 53.8
170 26.4 24.2 36.4

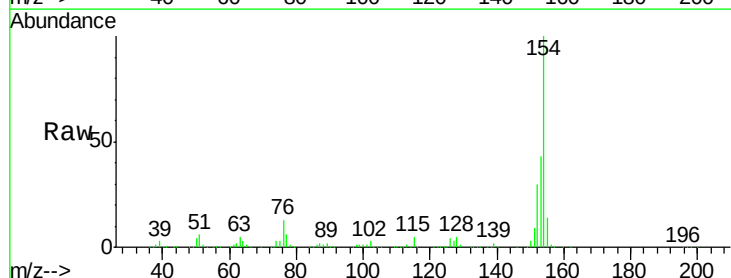


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

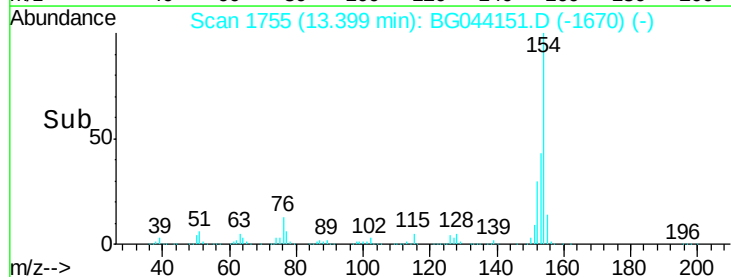
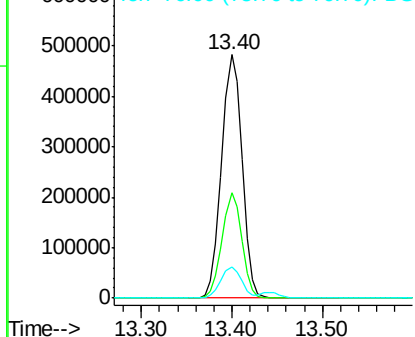


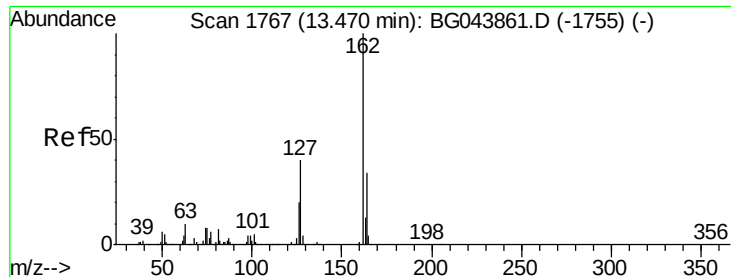
#46
1,1'-Biphenyl
Concen: 42.779 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:154 Resp: 755246
Ion Ratio Lower Upper
154 100
153 43.2 23.6 63.6
76 12.9 0.0 34.4



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): BG

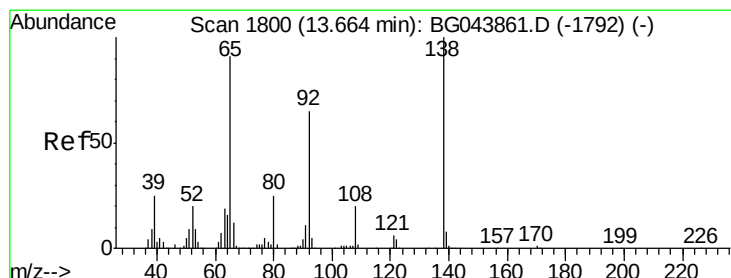
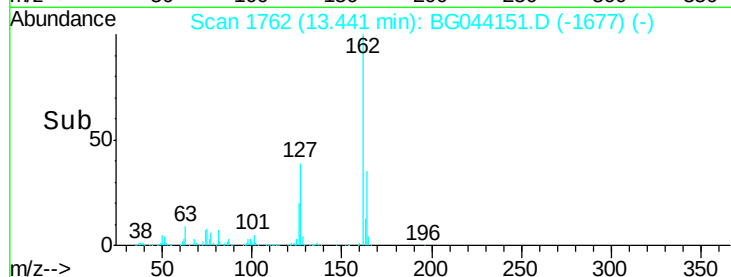
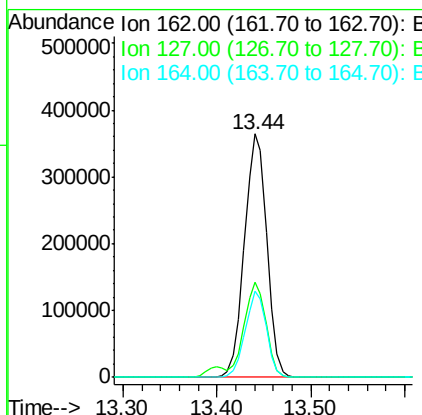
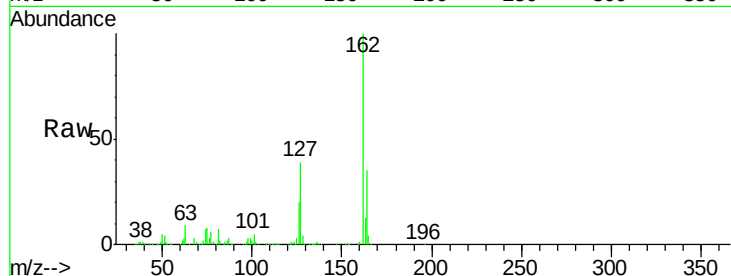




#47
2-Chloronaphthalene
Concen: 41.887 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

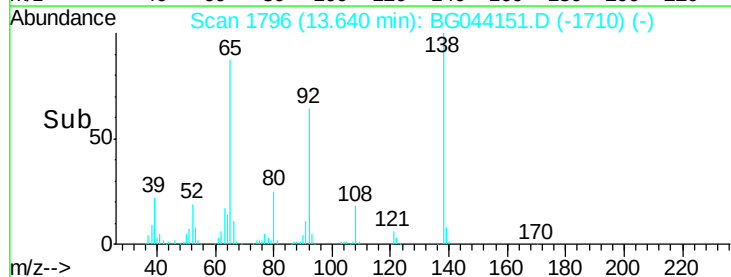
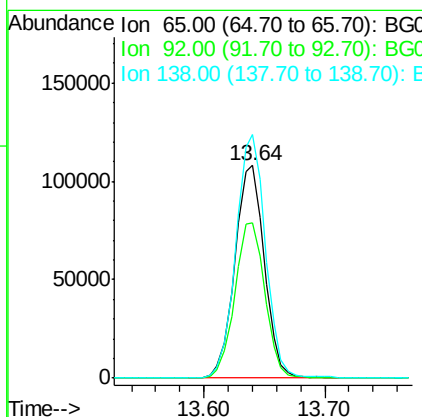
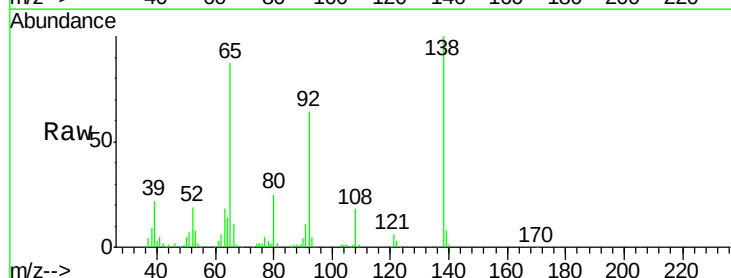
Instrument :
BNA_G
ClientSampled :

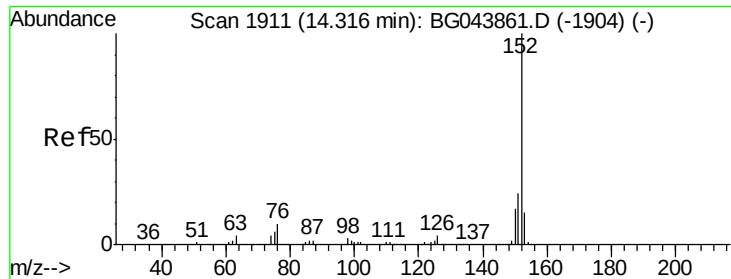
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.1	48.1
164	35.2	27.5	41.3



#48
2-Nitroaniline
Concen: 40.314 ng
RT: 13.64 min Scan# 1796
Delta R.T. -0.02 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.2	57.4	86.2
138	114.7	88.2	132.4





#49

Acenaphthylene

Concen: 43.533 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

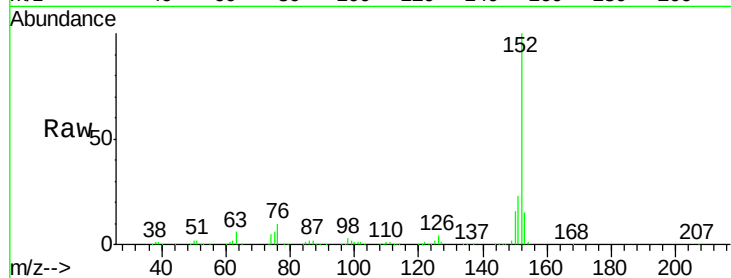
Tot Ion:152 Resp: 892623

Ion Ratio Lower Upper

152 100

151 22.9 19.4 29.2

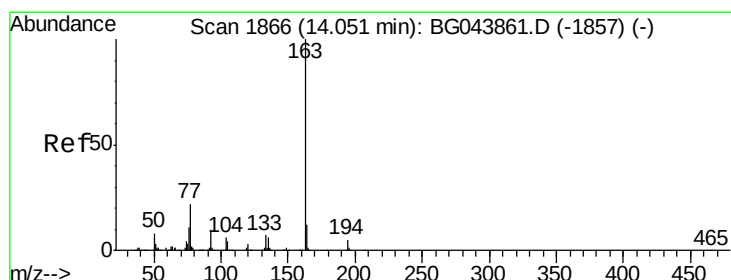
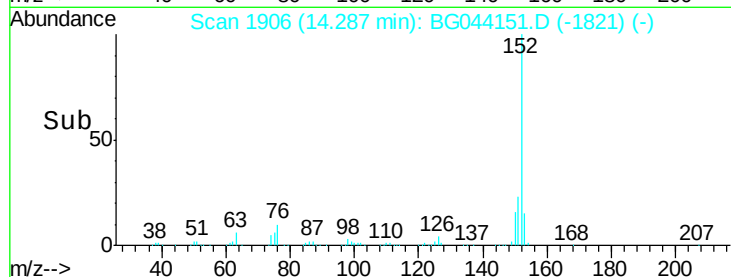
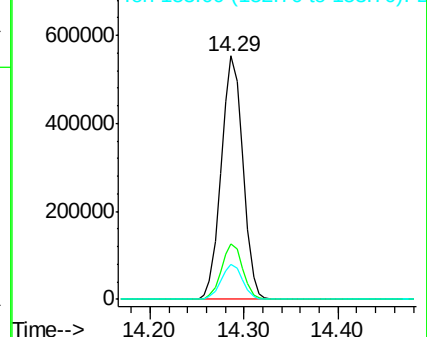
153 14.6 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.151 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

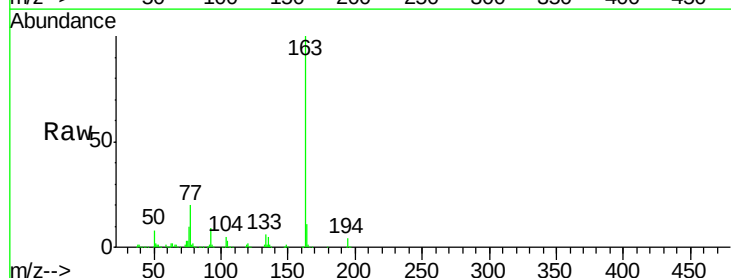
Tgt Ion:163 Resp: 736953

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

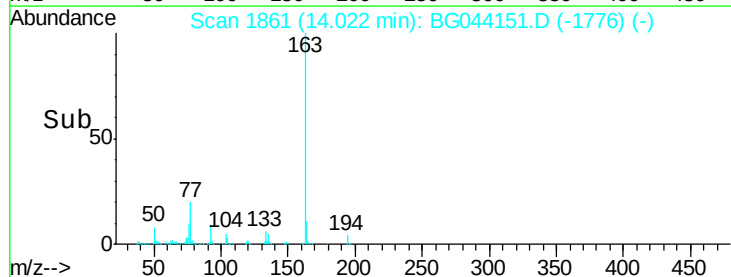
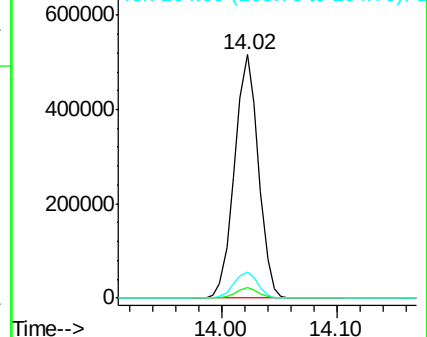
164 10.8 9.3 13.9

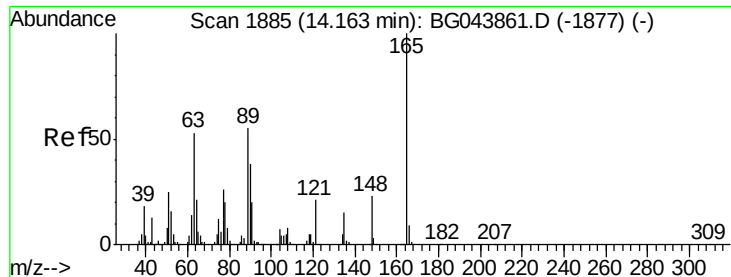


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.528 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG044151.D

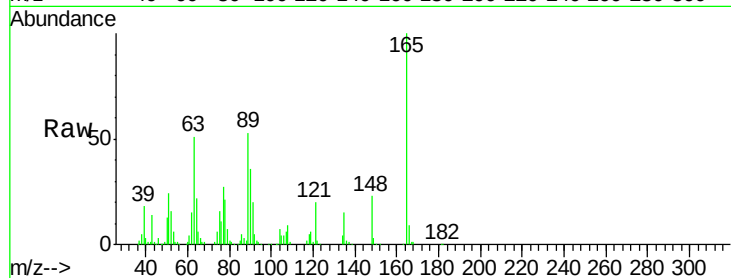
Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

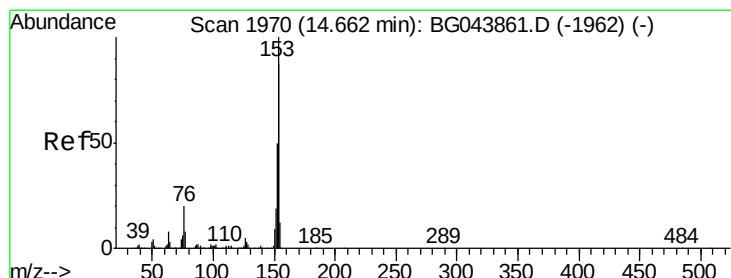
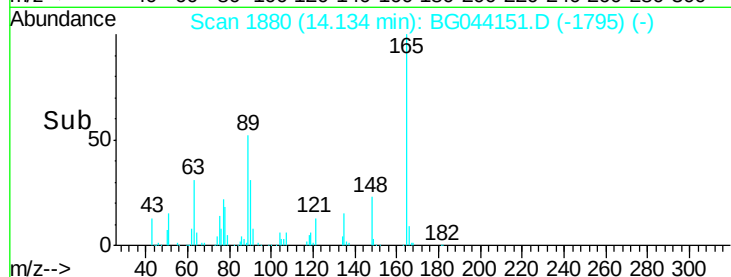
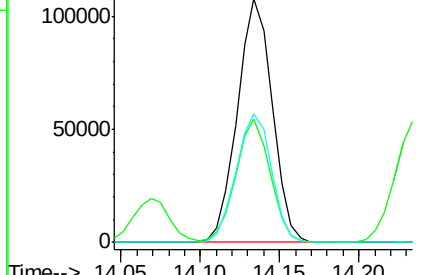
Tot Ion:165	Resp:	164107
Ion Ratio	Lower	Upper
165	100	
63	50.7	43.1 64.7
89	52.8	43.8 65.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 40.133 ng

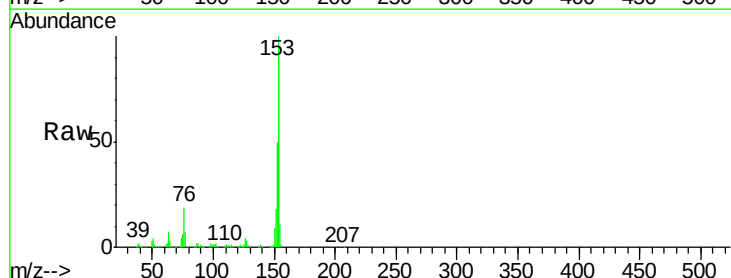
RT: 14.63 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

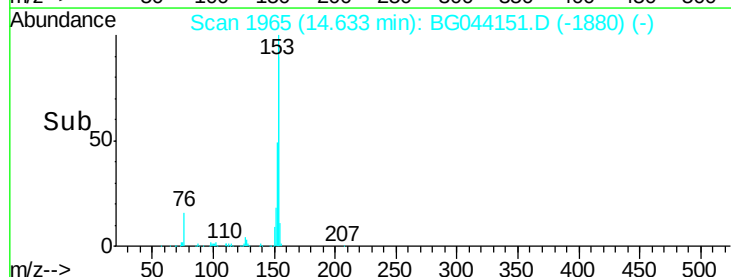
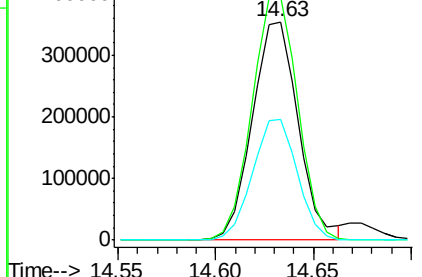
Tgt Ion:154	Resp:	577090
Ion Ratio	Lower	Upper
154	100	
153	111.4	91.6 137.4
152	55.2	45.4 68.0

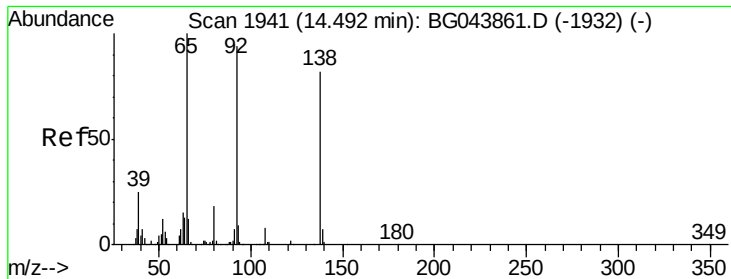


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

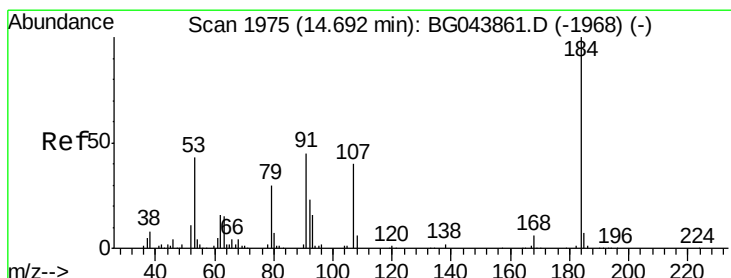
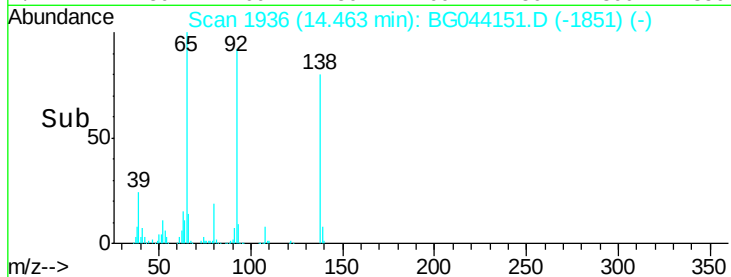
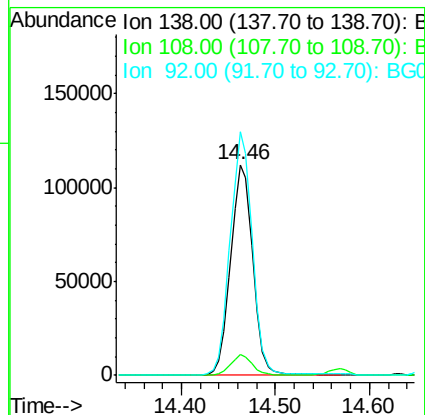
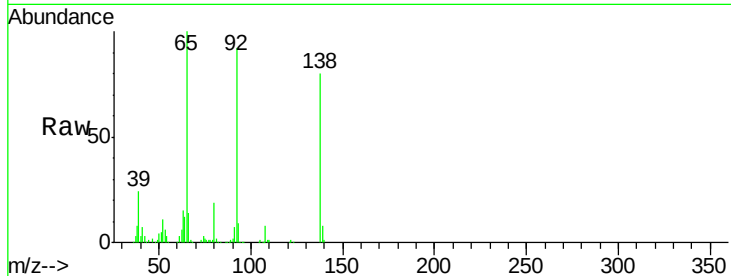




#53
 3-Nitroaniline
 Concen: 41.174 ng
 RT: 14.46 min Scan# 1936
 Delta R.T. -0.03 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

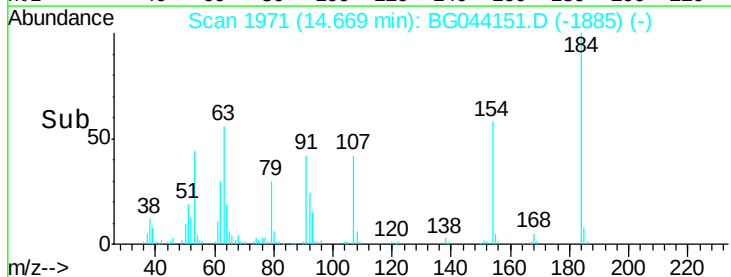
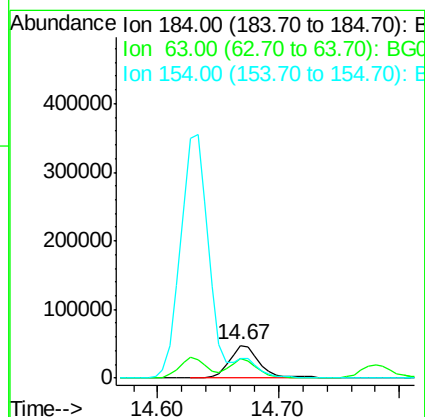
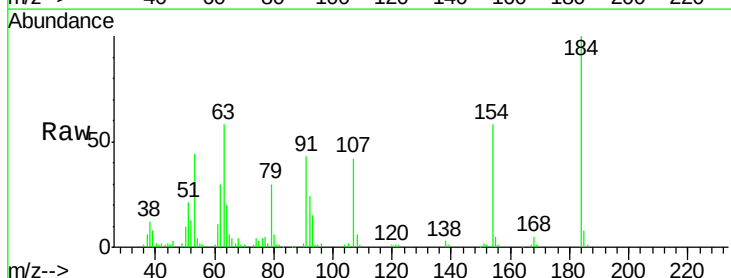
Instrument :
 BNA_G
 ClientSampleId :

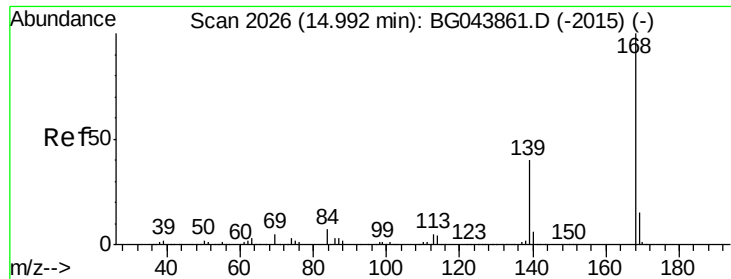
Tot Ion:138 Resp: 184767
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.4 11.2
 92 115.7 92.1 138.1



#54
 2,4-Dinitrophenol
 Concen: 43.964 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.02 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion:184 Resp: 83170
 Ion Ratio Lower Upper
 184 100
 63 57.6 46.6 70.0
 154 57.8 50.2 75.4

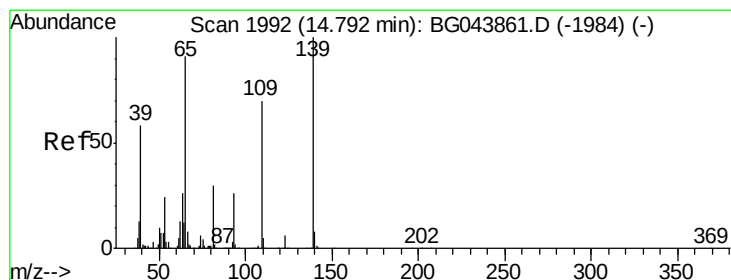
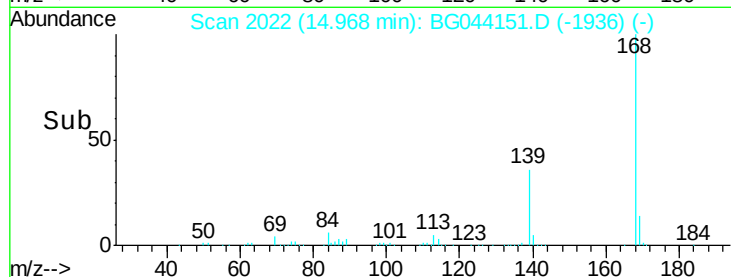
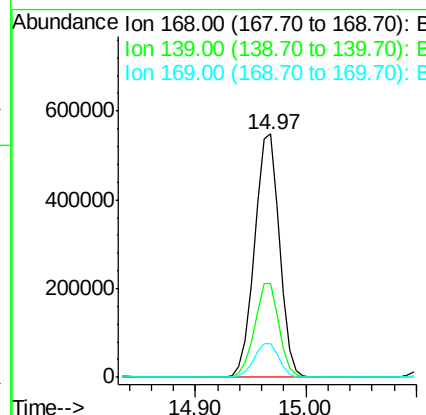
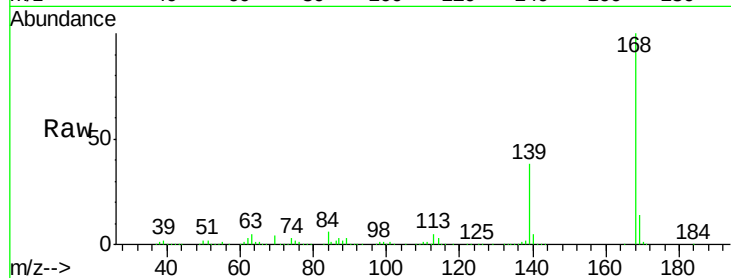




#55
Dibenzofuran
Concen: 43.744 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

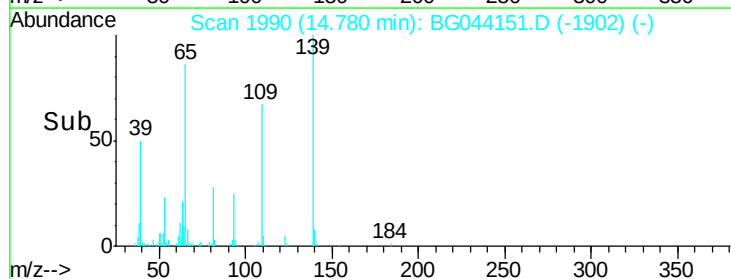
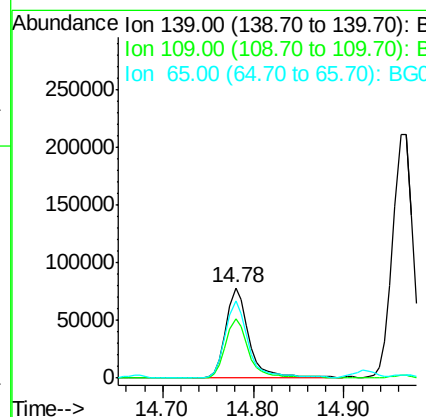
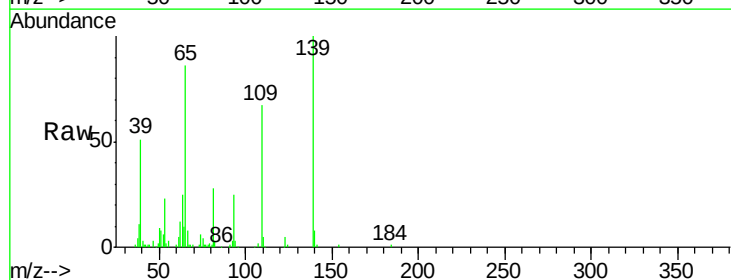
Instrument :
BNA_G
ClientSampleId :

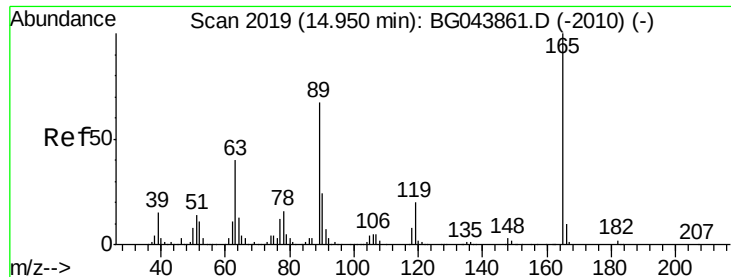
Tot Ion:168 Resp: 865921
Ion Ratio Lower Upper
168 100
139 38.4 32.2 48.2
169 14.0 12.2 18.2



#56
4-Nitrophenol
Concen: 40.546 ng
RT: 14.78 min Scan# 1990
Delta R.T. -0.01 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:139 Resp: 139430
Ion Ratio Lower Upper
139 100
109 66.5 50.4 90.4
65 86.1 71.4 111.4

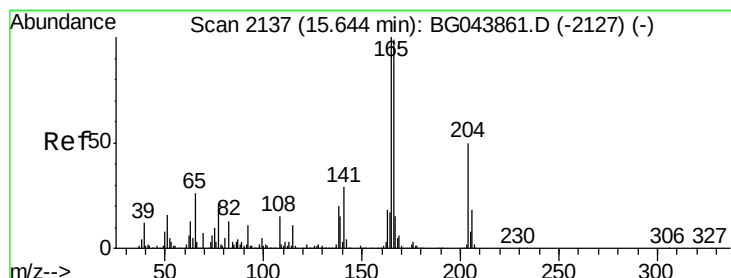
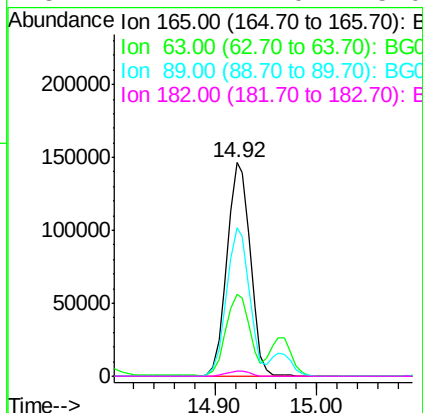
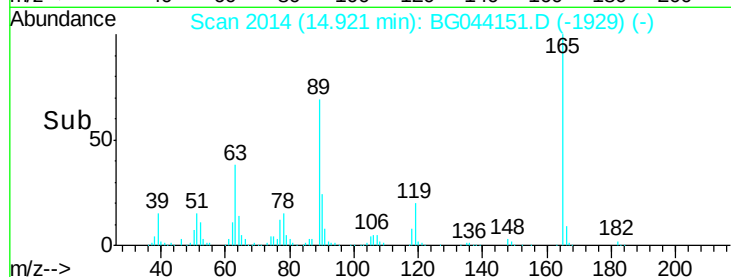
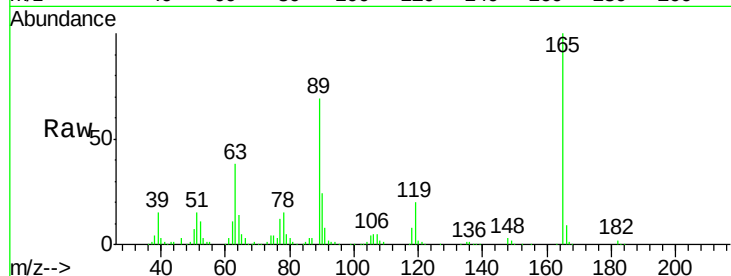




#57
 2,4-Dinitrotoluene
 Concen: 43.332 ng
 RT: 14.92 min Scan# 2014
 Delta R.T. -0.03 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

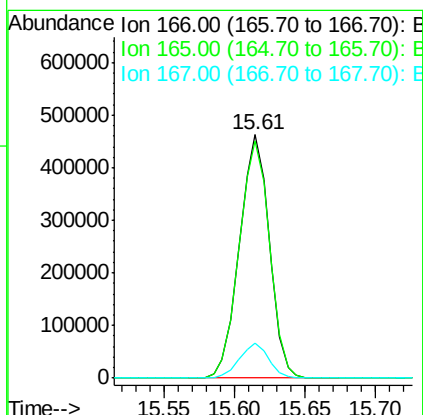
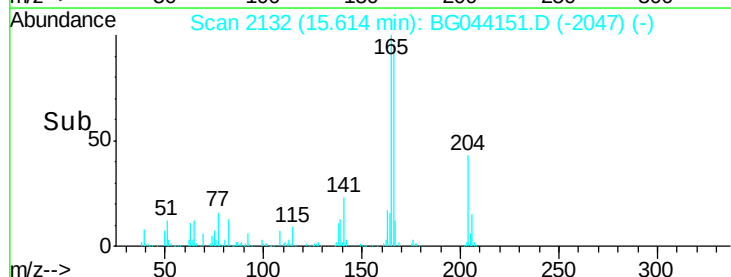
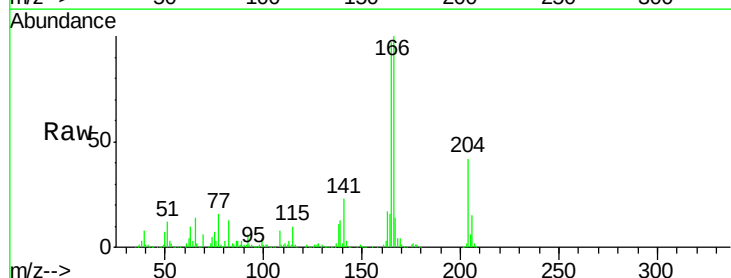
Instrument :
 BNA_G
 ClientSampleId :

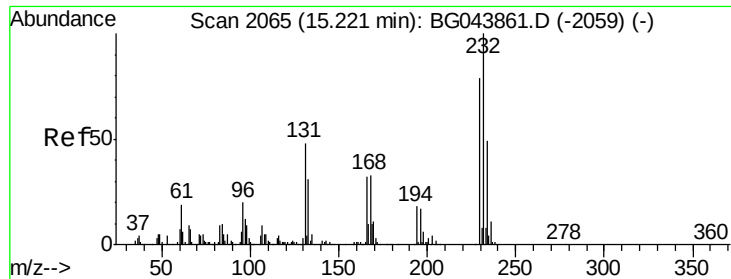
Tot Ion:165	Resp:	232999
Ion	Ratio	Lower Upper
165	100	
63	38.3	31.9 47.9
89	69.3	53.8 80.6
182	2.4	2.0 3.0



#58
 Fluorene
 Concen: 43.598 ng
 RT: 15.61 min Scan# 2132
 Delta R.T. -0.03 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion:166	Resp:	684031
Ion	Ratio	Lower Upper
166	100	
165	97.3	80.8 121.2
167	14.3	12.1 18.1

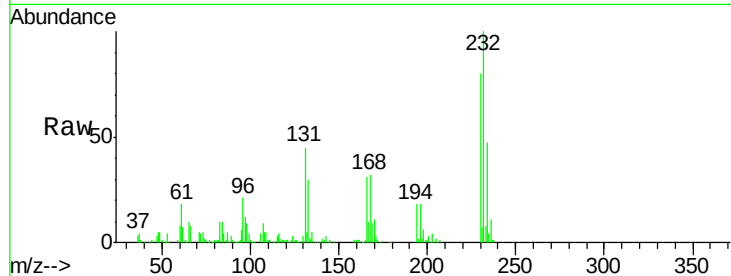




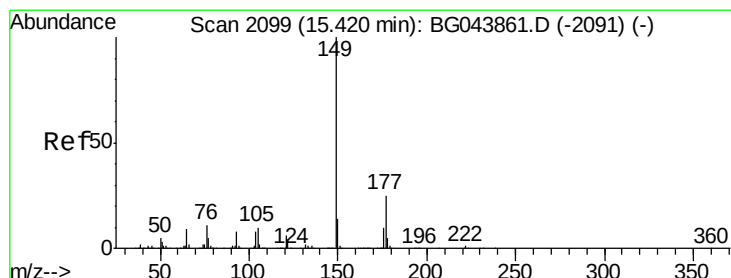
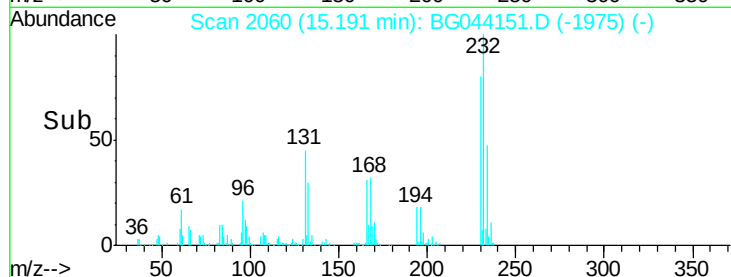
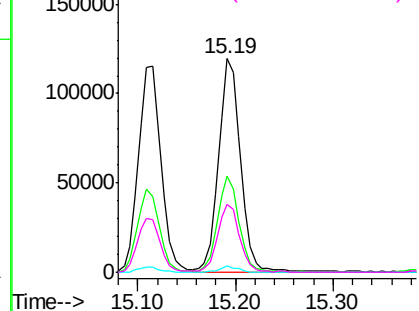
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.910 ng
RT: 15.19 min Scan# 2060
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	184581
Ion	Ratio	Lower	Upper
232	100		
131	43.9	38.2	57.2
130	2.5	2.2	3.2
166	31.7	26.4	39.6

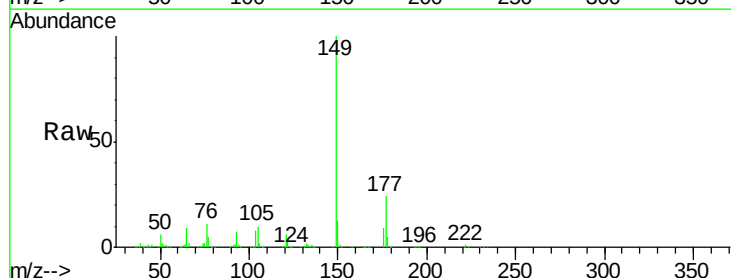


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

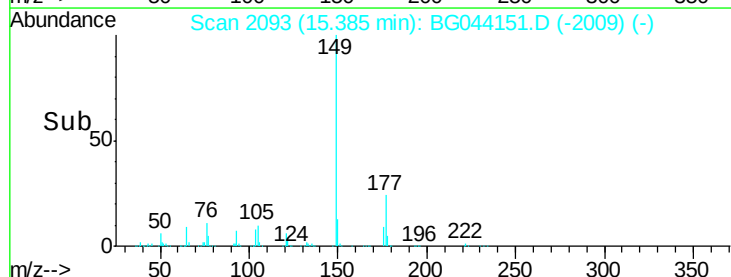
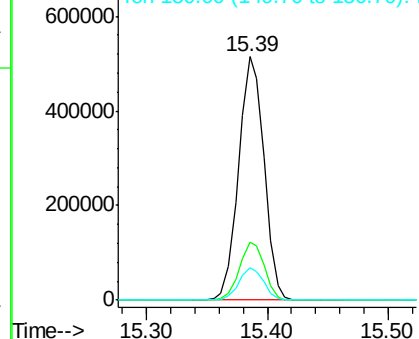


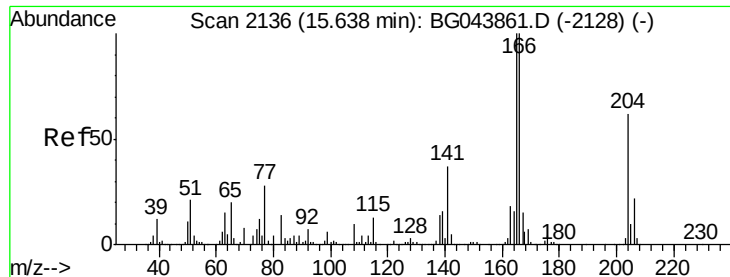
#60
Diethylphthalate
Concen: 43.131 ng
RT: 15.39 min Scan# 2093
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:	149	Resp:	754230
Ion	Ratio	Lower	Upper
149	100		
177	23.7	20.0	30.0
150	13.4	11.1	16.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

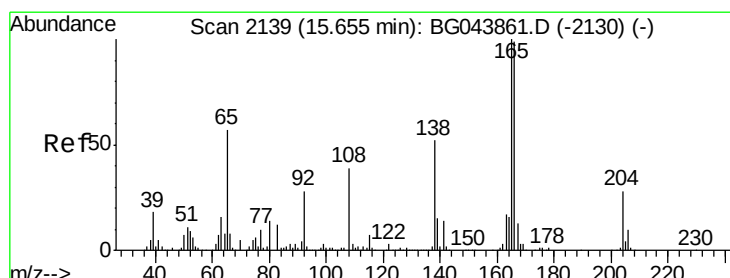
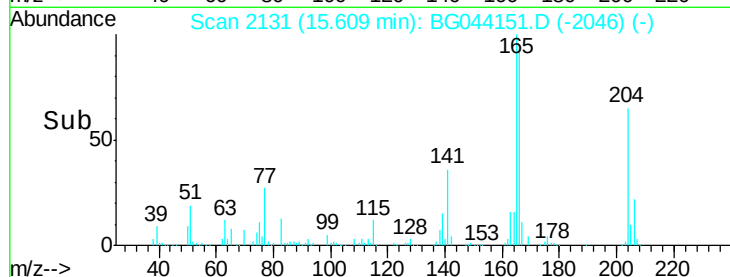
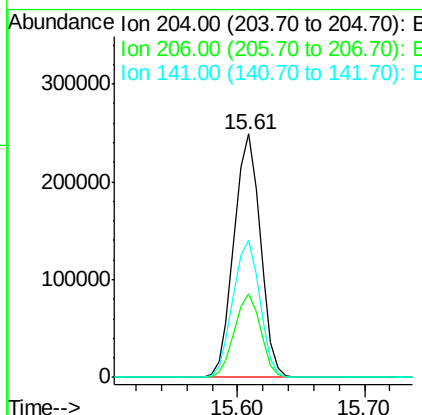
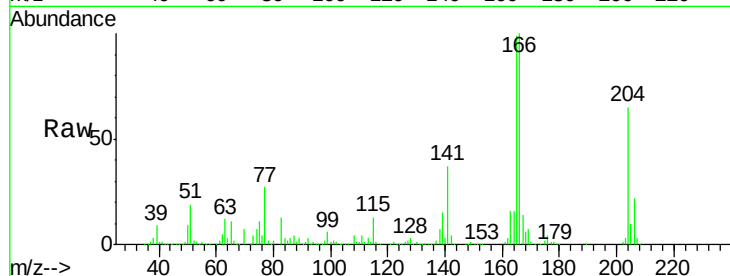




#61
4-Chlorophenyl-phenylether
Concen: 42.032 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

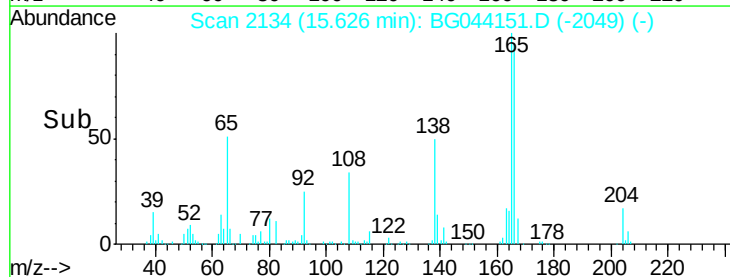
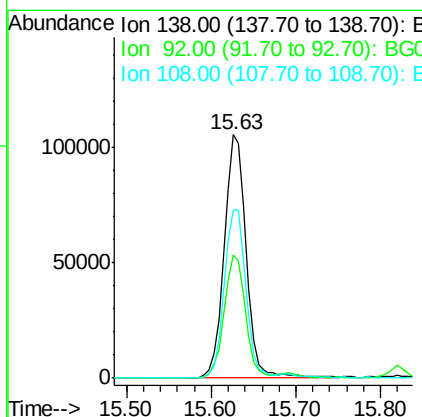
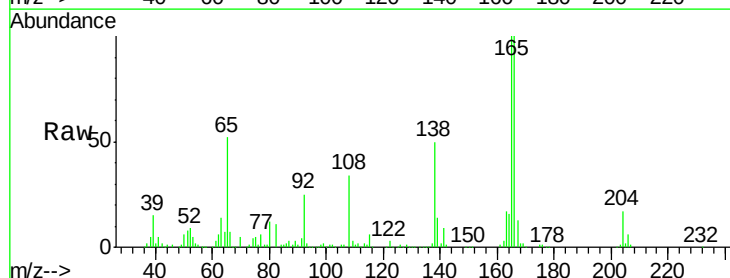
Instrument :
BNA_G
ClientSampleId :

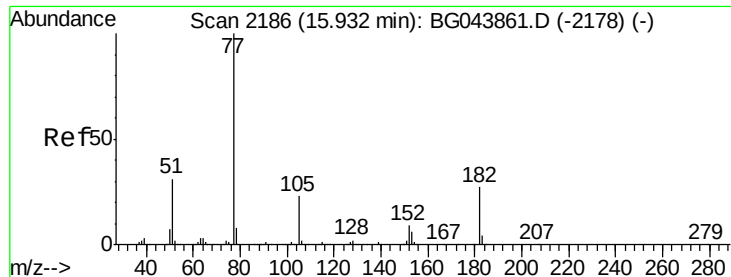
Tot Ion:204 Resp: 358094
Ion Ratio Lower Upper
204 100
206 34.4 28.2 42.2
141 56.5 48.2 72.2



#62
4-Nitroaniline
Concen: 42.662 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:138 Resp: 189057
Ion Ratio Lower Upper
138 100
92 50.8 34.3 74.3
108 69.0 55.0 95.0





#63

Azobenzene

Concen: 42.154 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 683631

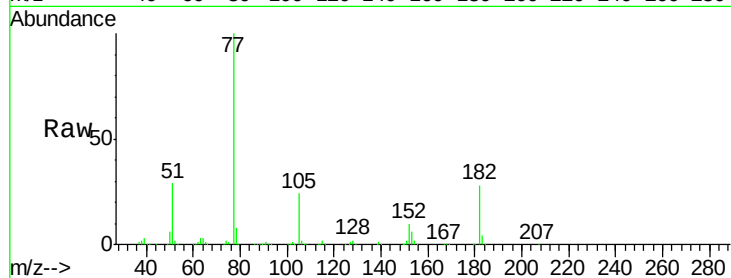
Ion Ratio Lower Upper

77 100

182 28.0 7.3 47.3

105 23.7 3.2 43.2

51 29.1 10.6 50.6

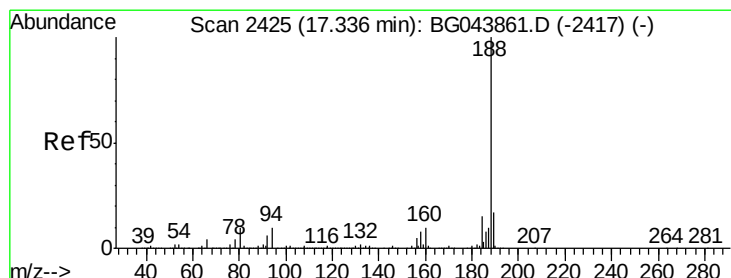
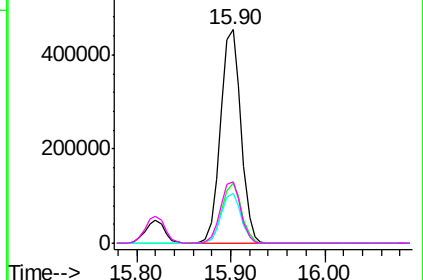
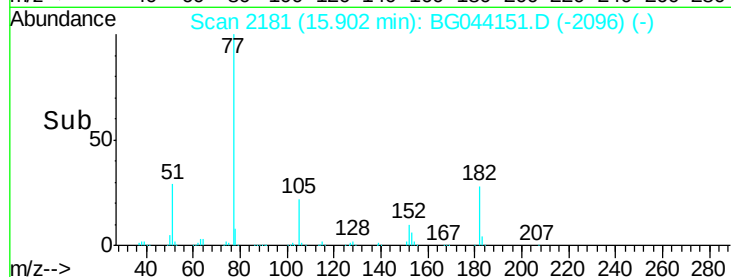


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.31 min Scan# 2420

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

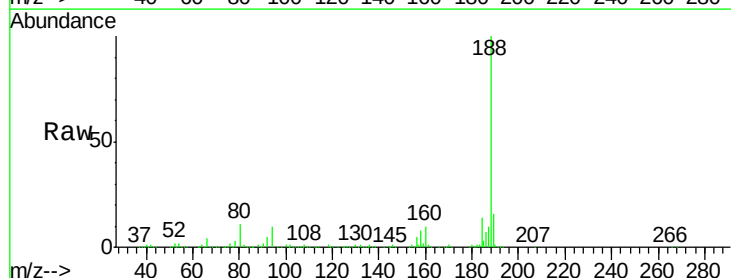
Tgt Ion: 188 Resp: 520295

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

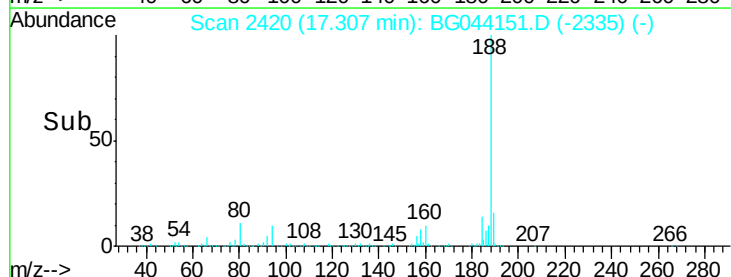
80 10.5 8.2 12.4



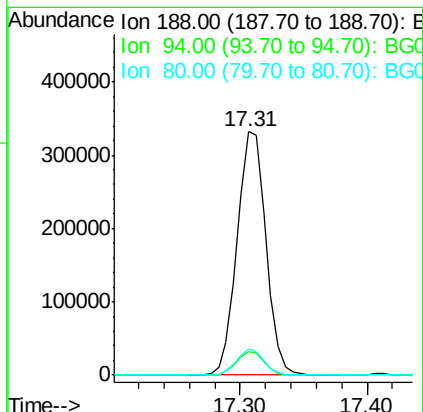
Abundance Ion 188.00 (187.70 to 188.70): BGC

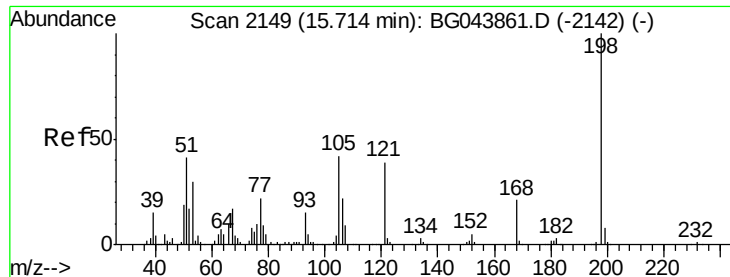
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->

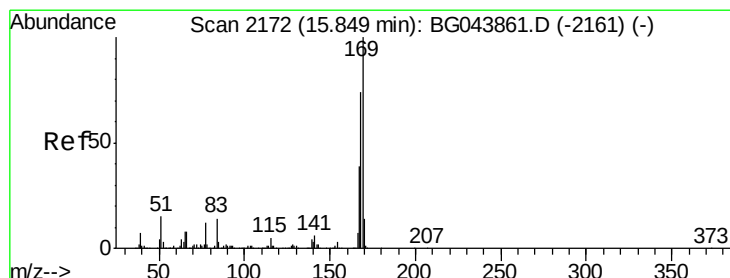
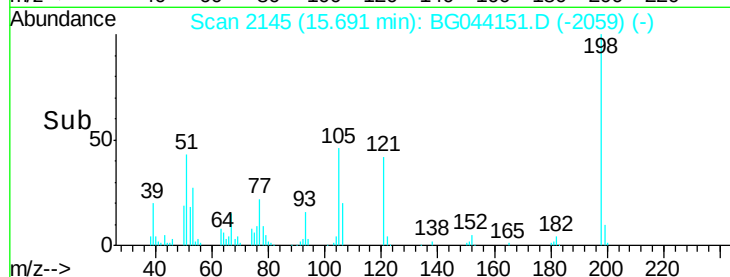
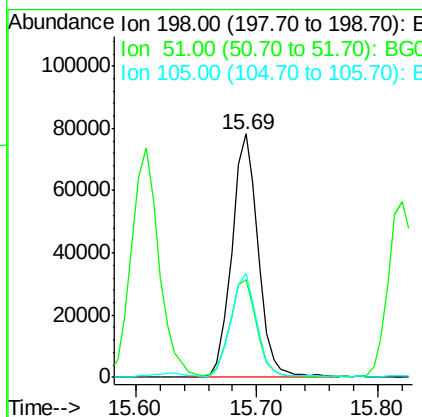
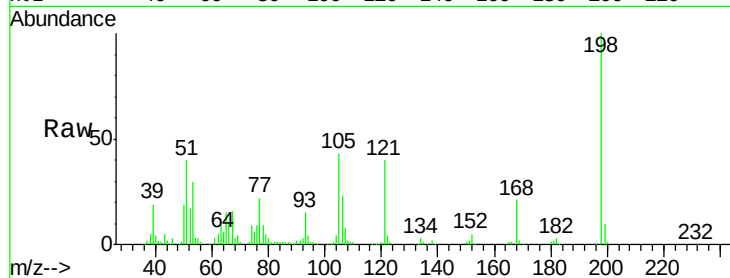




#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.632 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

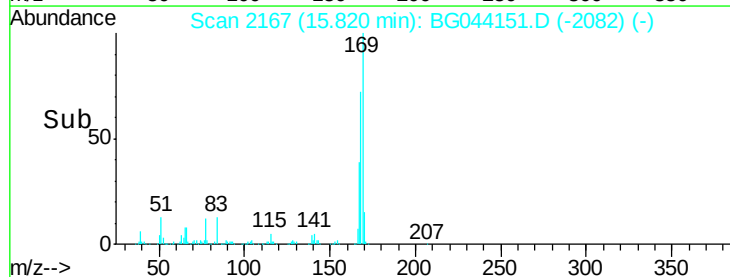
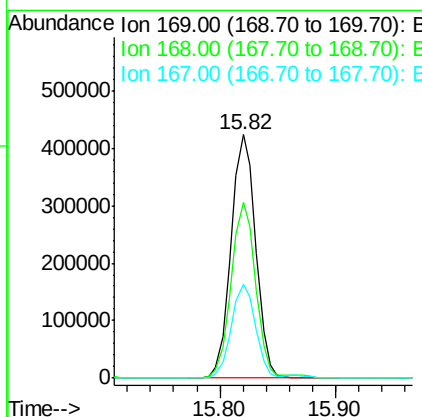
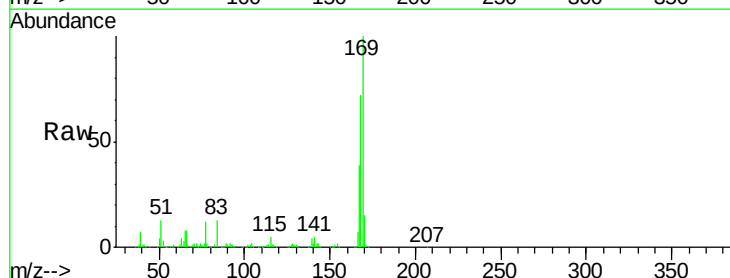
Instrument :
 BNA_G
 ClientSampleId :

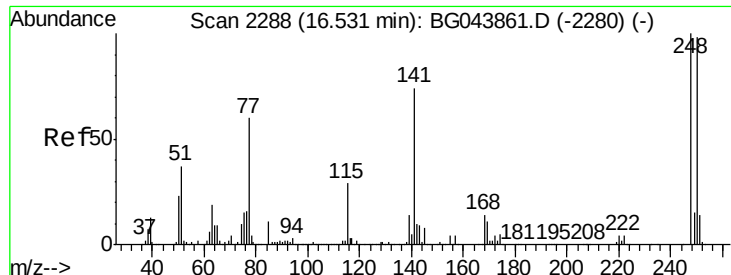
Tot Ion	198	Resp	118735
Ion Ratio	100	Lower	Upper
51	40.0	22.5	62.5
105	42.7	22.3	62.3



#66
 n-Nitrosodiphenylamine
 Concen: 40.787 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion	169	Resp	624943
Ion Ratio	100	Lower	Upper
168	72.4	59.0	88.6
167	38.7	31.4	47.0

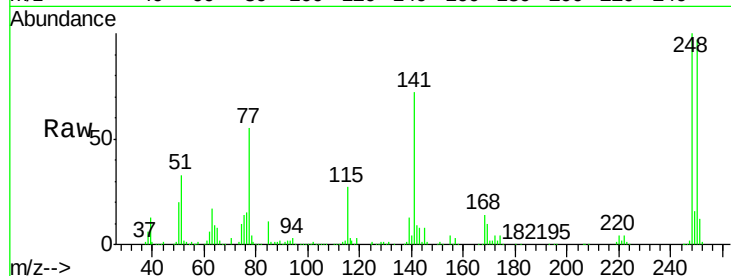




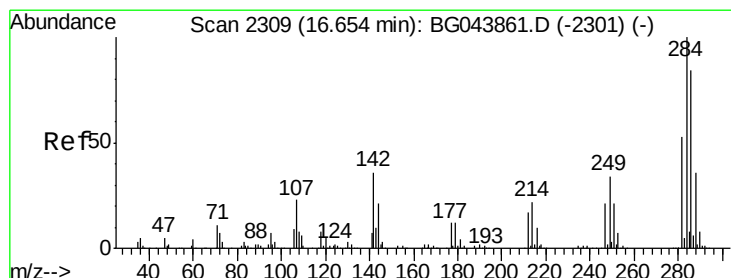
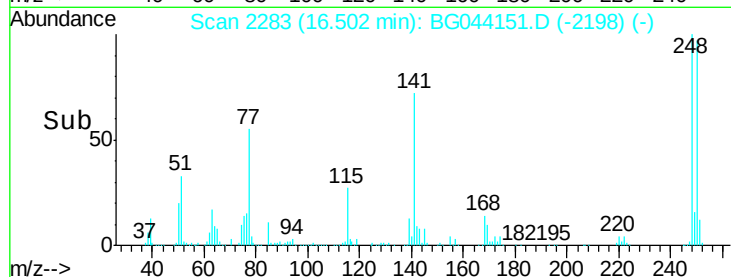
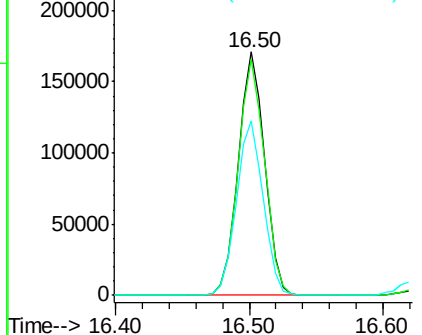
#67
4-Bromophenyl-phenylether
Concen: 39.852 ng
RT: 16.50 min Scan# 2283
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 233206
Ion Ratio Lower Upper
248 100
250 96.7 78.2 117.2
141 71.5 59.3 88.9

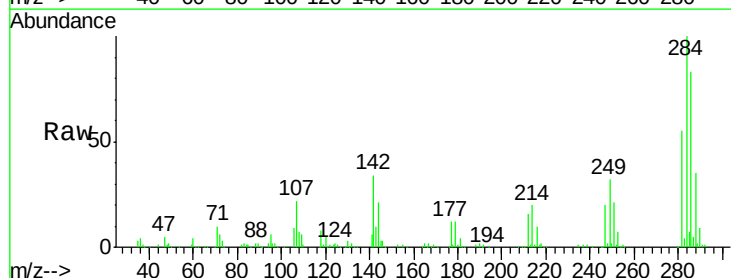


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

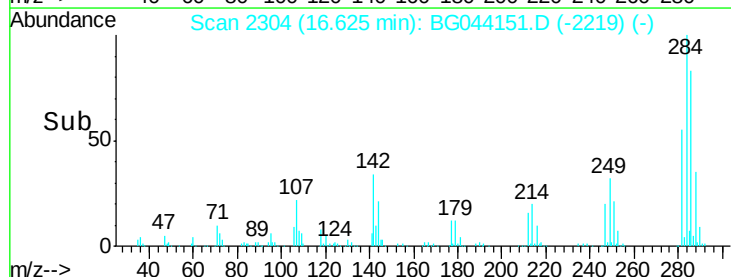
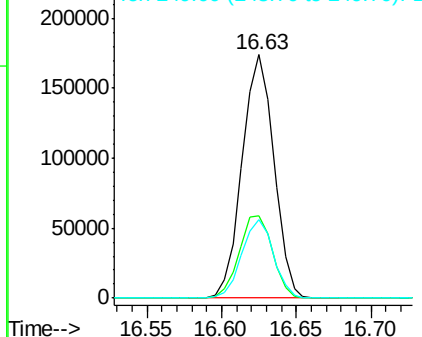


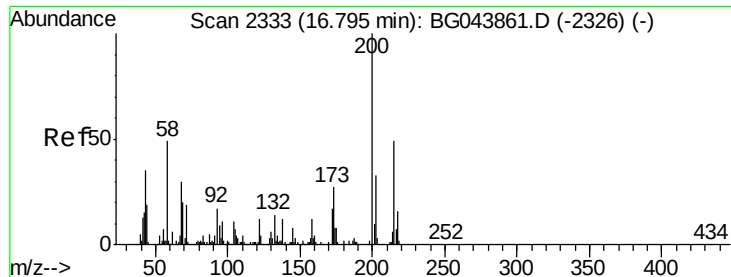
#68
Hexachlorobenzene
Concen: 40.664 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:284 Resp: 256403
Ion Ratio Lower Upper
284 100
142 34.0 28.6 43.0
249 32.5 27.0 40.6



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





#69

Atrazine

Concen: 39.708 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

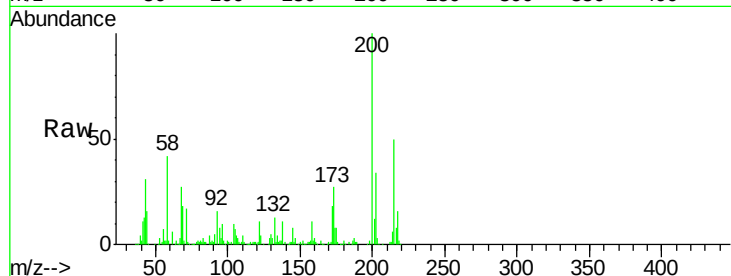
Tot Ion:200 Resp: 197766

Ion Ratio Lower Upper

200 100

173 26.9 6.6 46.6

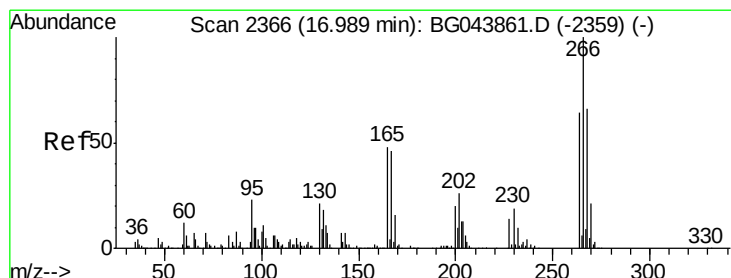
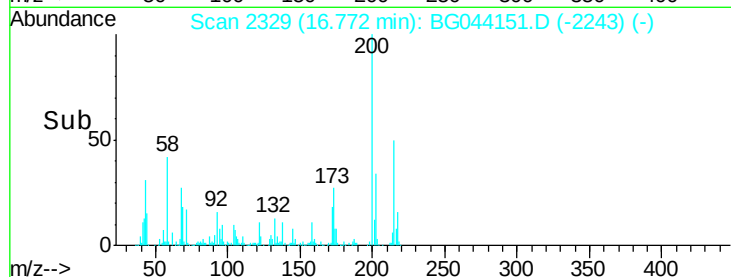
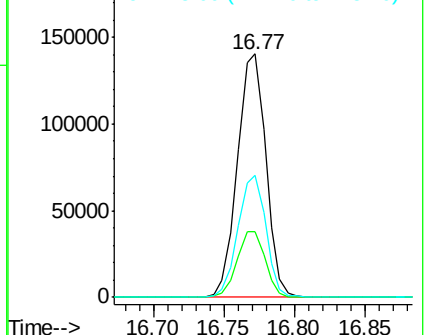
215 49.9 28.6 68.6



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: 35.601 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

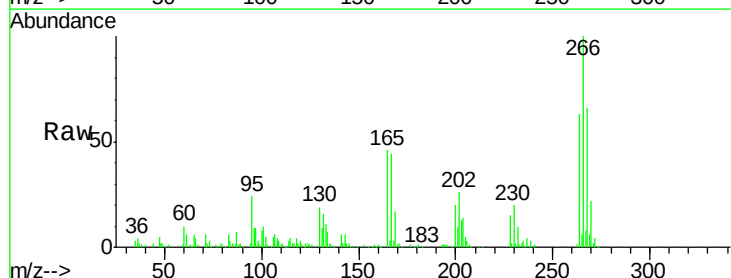
Tgt Ion:266 Resp: 123743

Ion Ratio Lower Upper

266 100

268 65.8 52.6 79.0

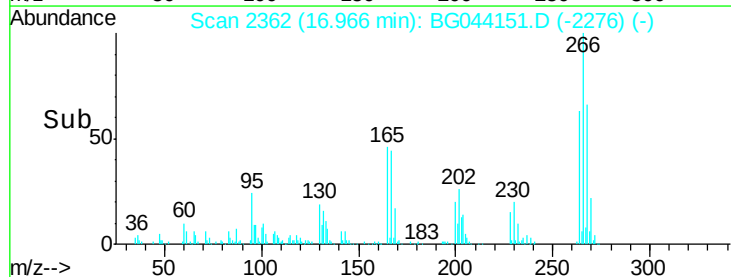
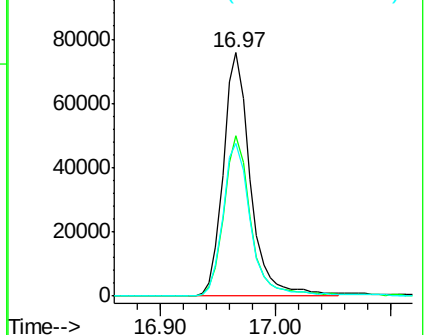
264 62.7 50.8 76.2

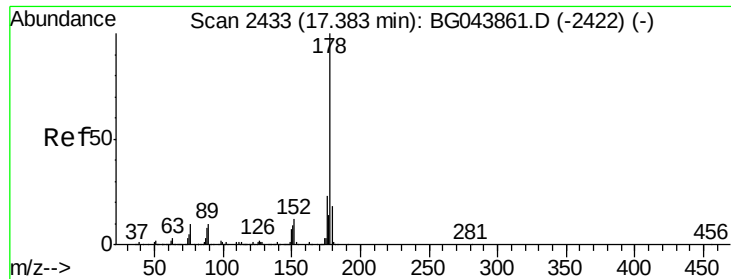


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

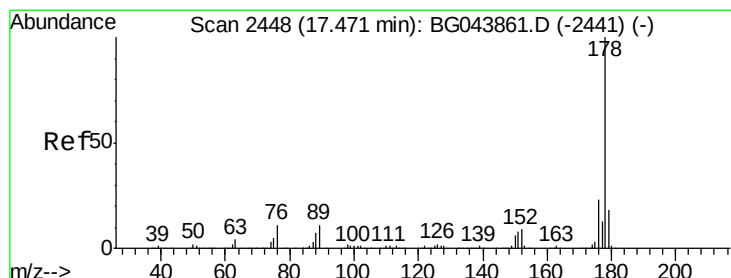
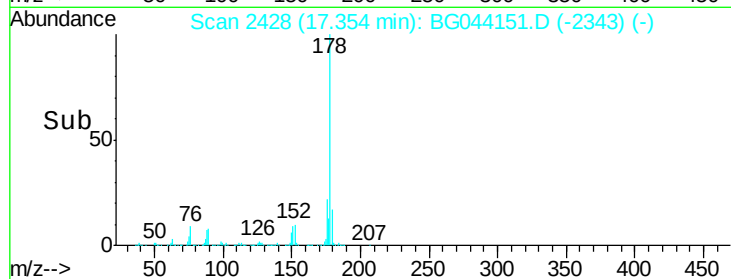
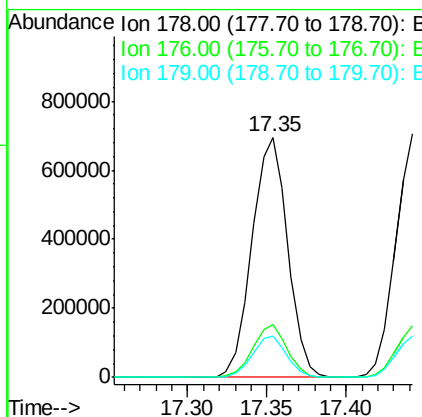
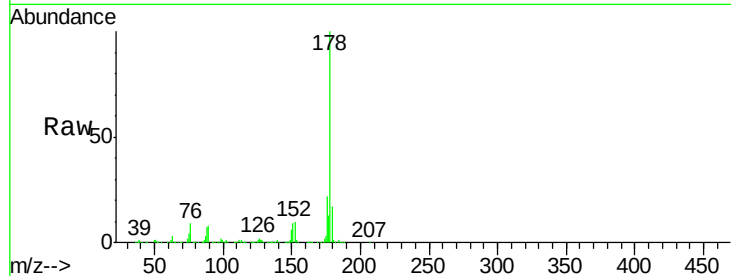




#71
Phenanthrene
Concen: 43.588 ng
RT: 17.35 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

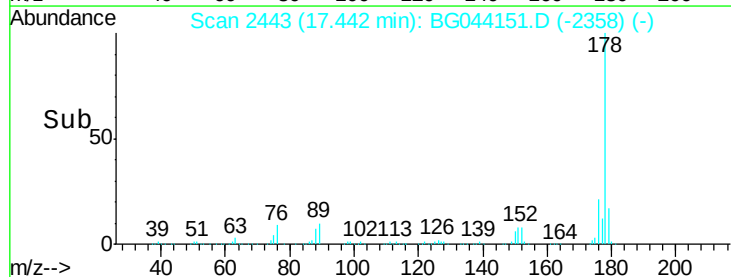
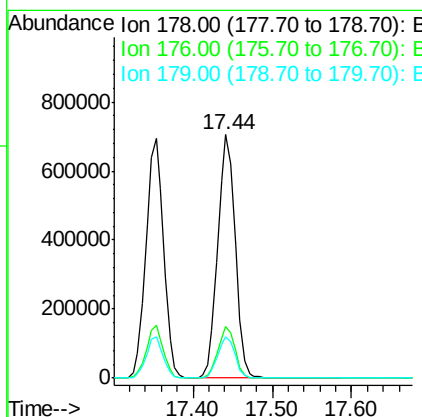
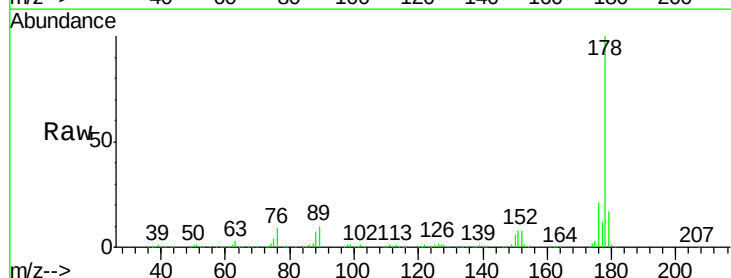
Instrument :
BNA_G
ClientSampled :

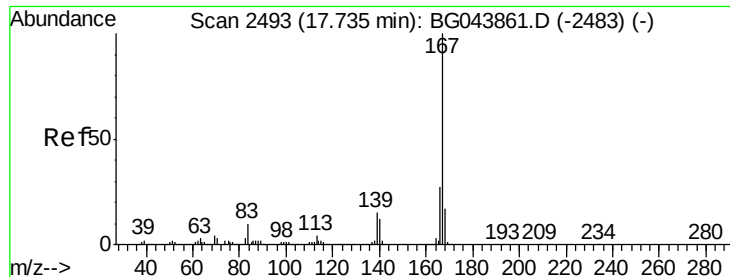
Tot Ion:178 Resp: 1087781
Ion Ratio Lower Upper
178 100
176 22.0 18.6 28.0
179 17.2 14.4 21.6



#72
Anthracene
Concen: 43.730 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:178 Resp: 1078534
Ion Ratio Lower Upper
178 100
176 21.0 18.3 27.5
179 17.0 14.6 22.0





#73

Carbazole

Concen: 43.326 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

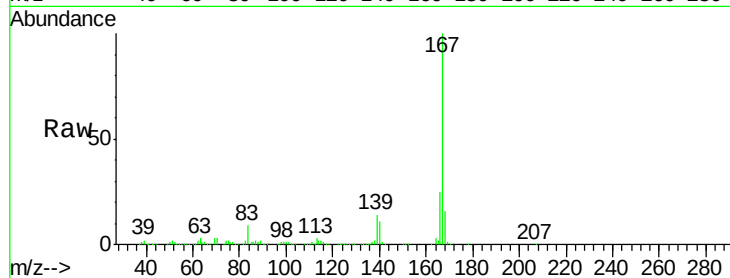
Tot Ion:167 Resp: 987055

Ion Ratio Lower Upper

167 100

166 25.2 21.6 32.4

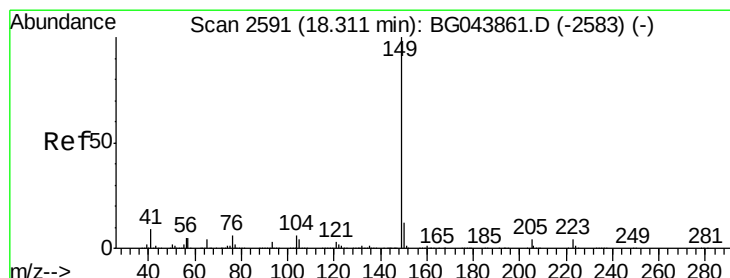
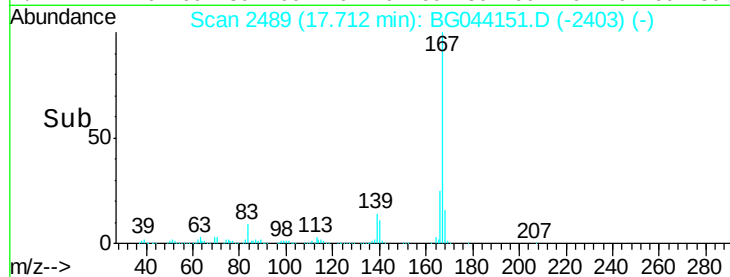
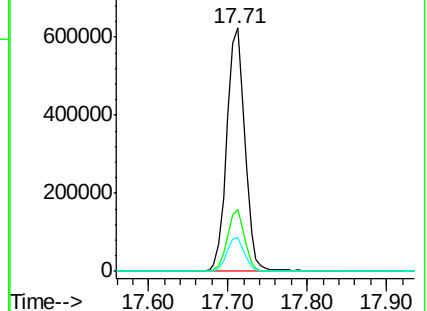
139 13.6 12.1 18.1



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: 42.611 ng

RT: 18.28 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

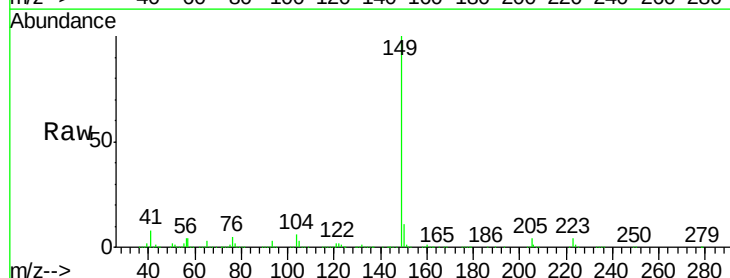
Tgt Ion:149 Resp: 1239447

Ion Ratio Lower Upper

149 100

150 11.1 9.7 14.5

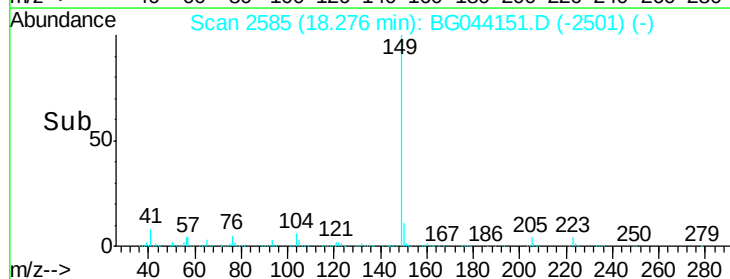
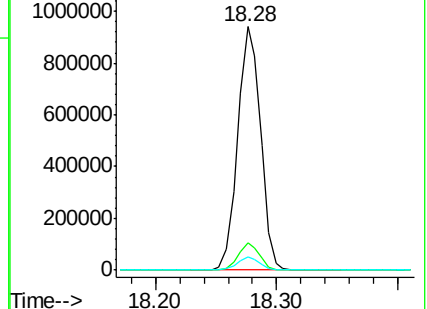
104 5.6 5.0 7.4

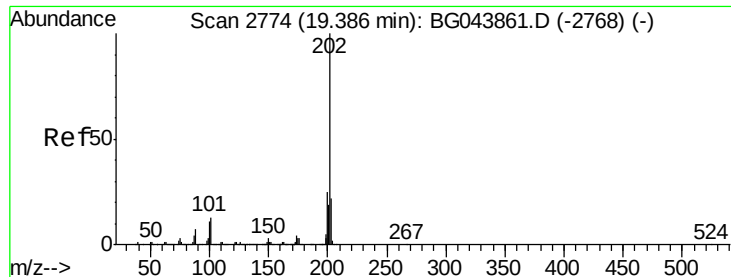


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.220 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

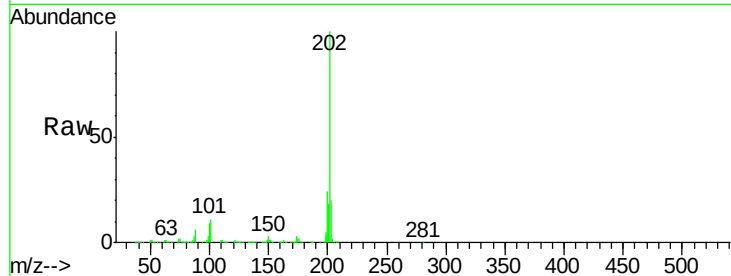
Tot Ion:202 Resp: 1233528

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.3

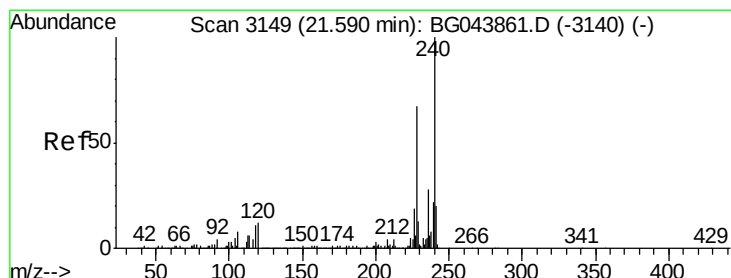
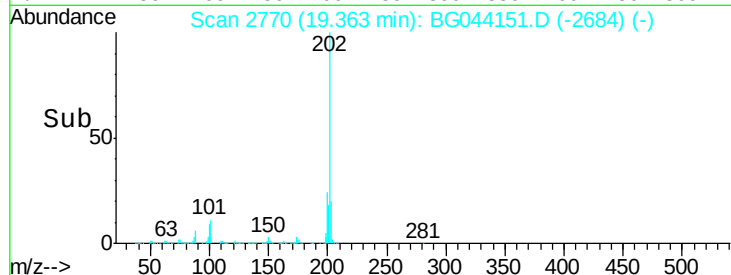
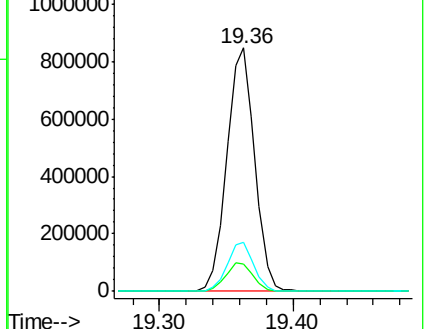
203 20.2 1.6 41.6



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: 21.56 min Scan# 3144

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

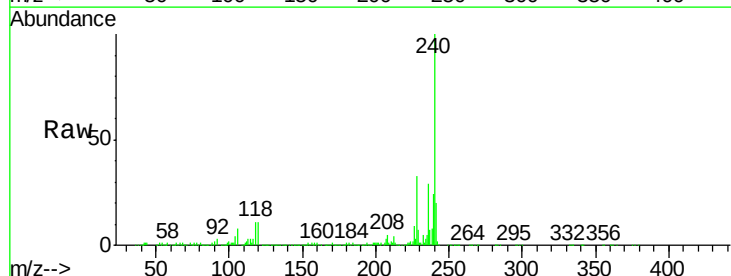
Tgt Ion:240 Resp: 446985

Ion Ratio Lower Upper

240 100

120 10.7 9.6 14.4

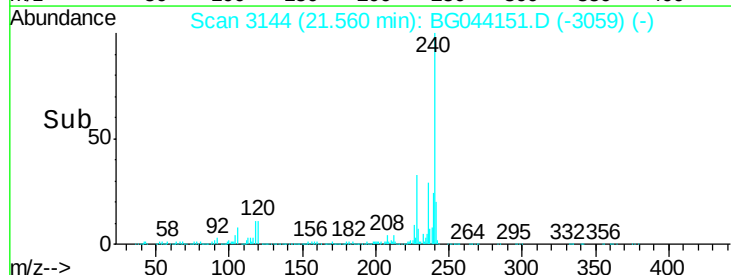
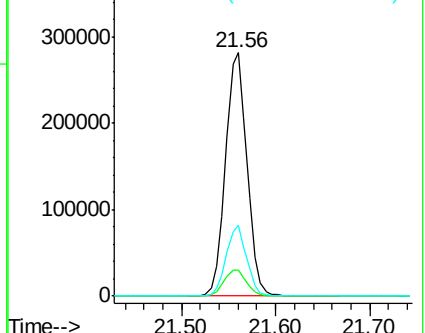
236 28.9 22.2 33.2

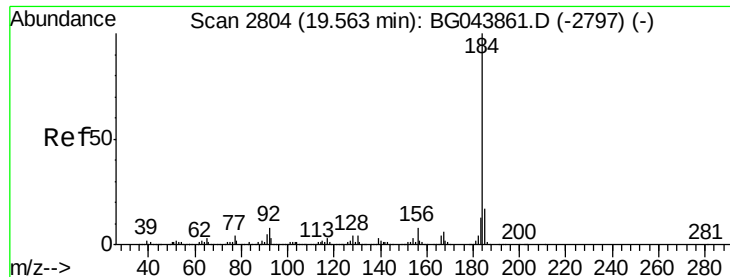


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.665 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

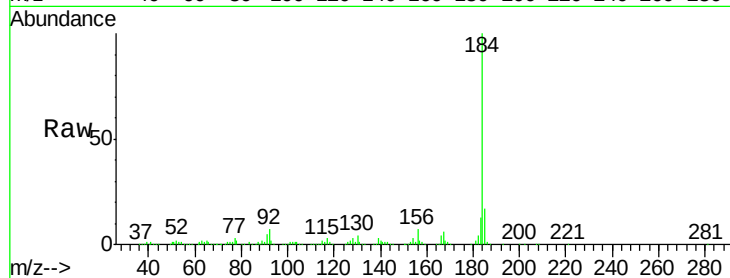
Tot Ion:184 Resp: 445644

Ion Ratio Lower Upper

184 100

185 16.6 13.4 20.0

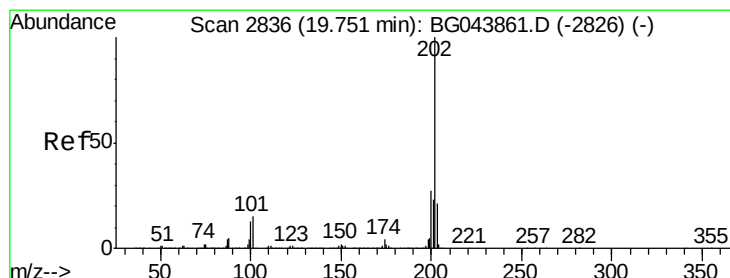
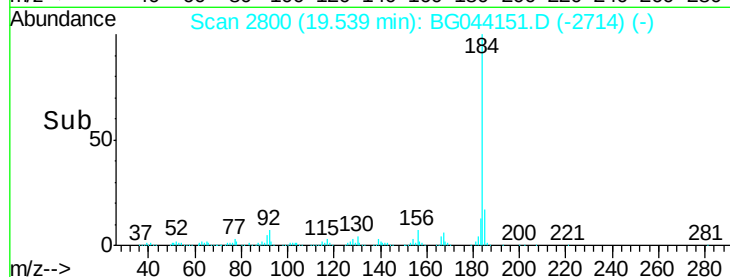
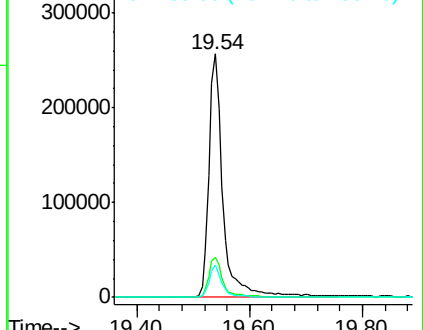
183 13.1 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.919 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

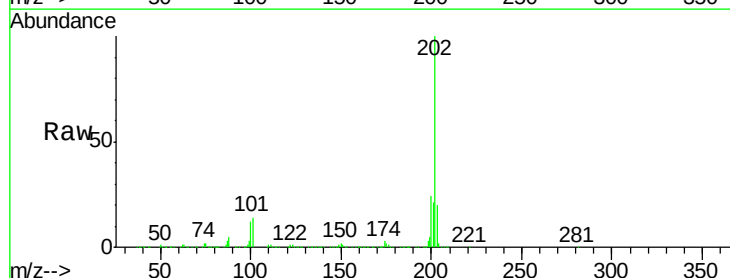
Tgt Ion:202 Resp: 1252228

Ion Ratio Lower Upper

202 100

200 24.1 21.7 32.5

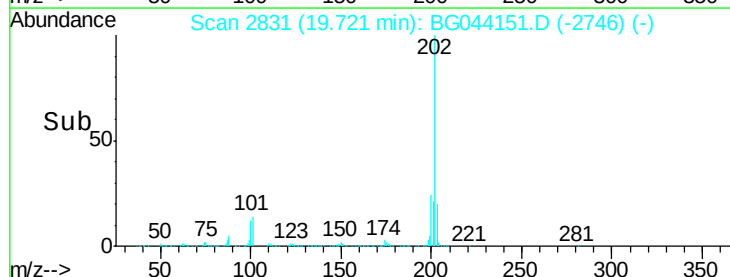
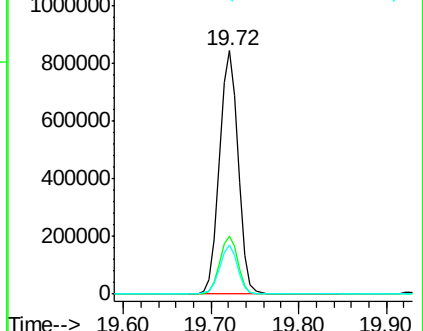
203 20.0 17.0 25.6

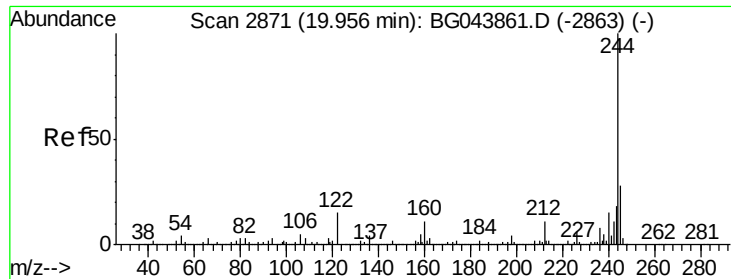


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 94.632 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampled :

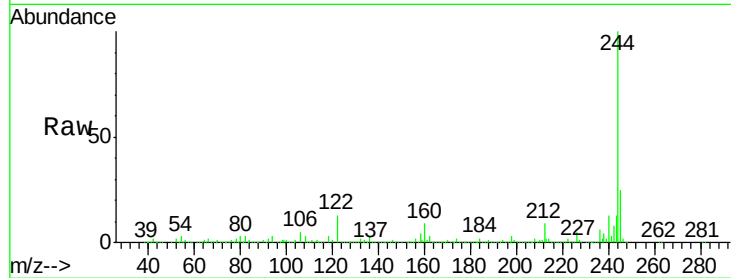
Tot Ion:244 Resp: 1703795

Ion Ratio Lower Upper

244 100

212 9.1 8.6 13.0

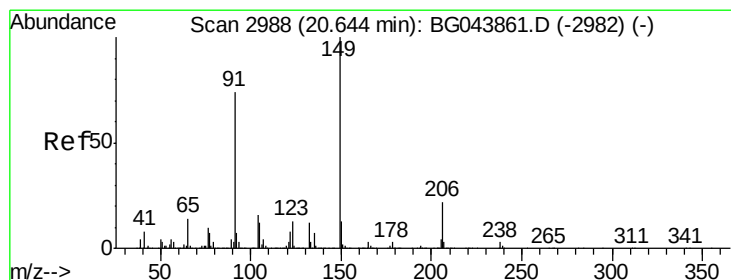
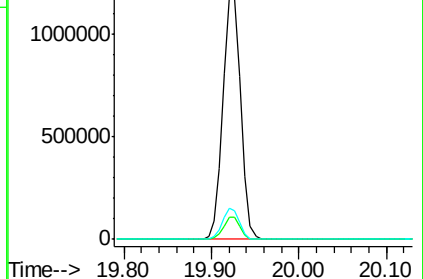
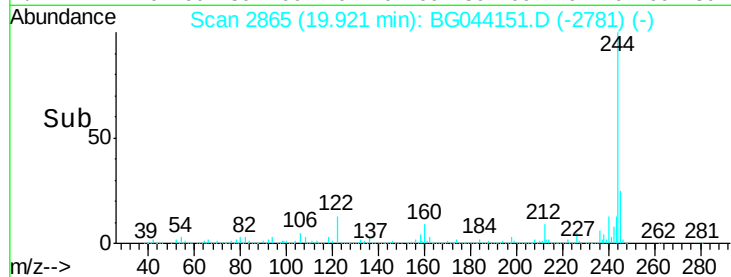
122 13.0 11.9 17.9



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: 43.019 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

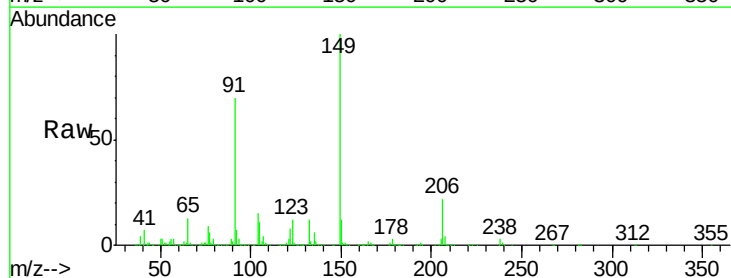
Tgt Ion:149 Resp: 597565

Ion Ratio Lower Upper

149 100

91 69.7 59.5 89.3

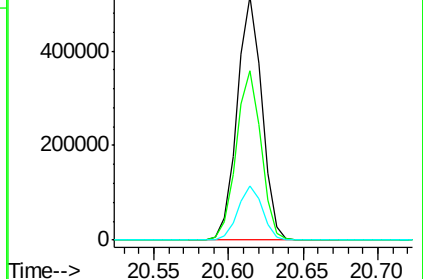
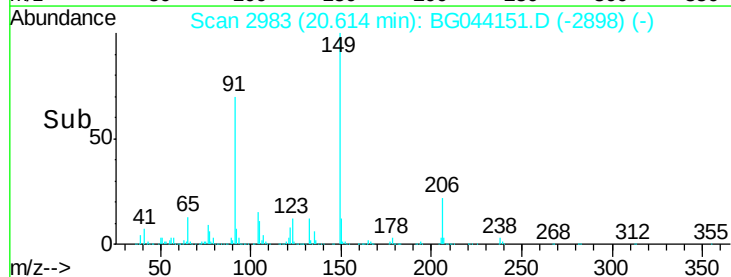
206 22.4 17.8 26.6

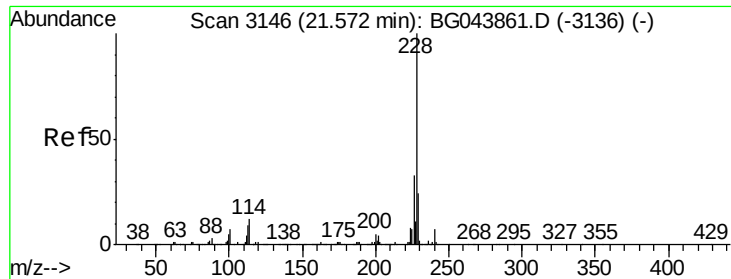


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

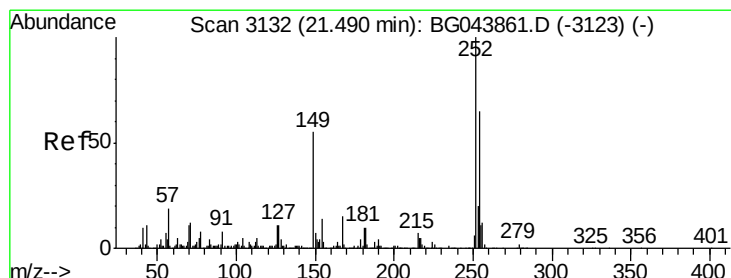
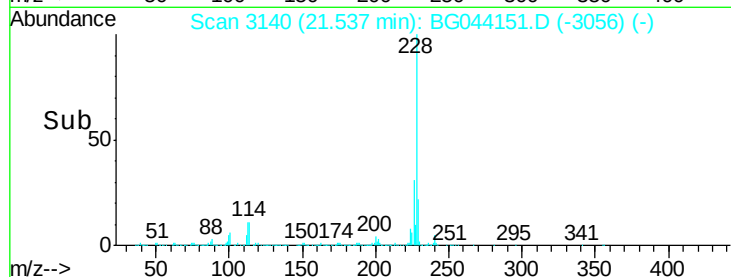
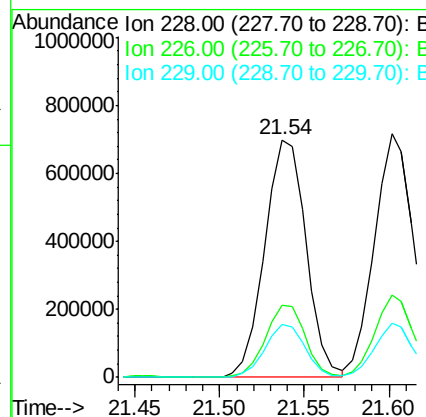
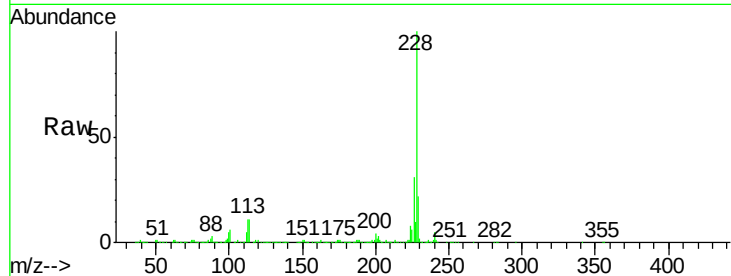




#81
Benzo(a)anthracene
Concen: 42.923 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

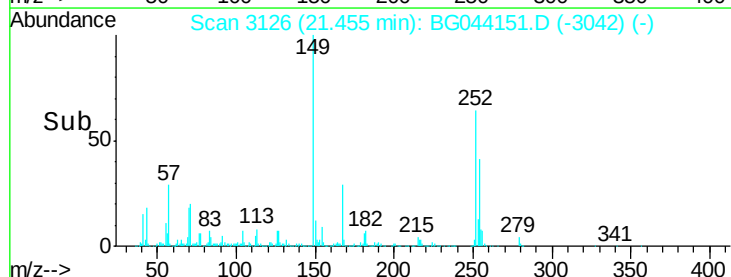
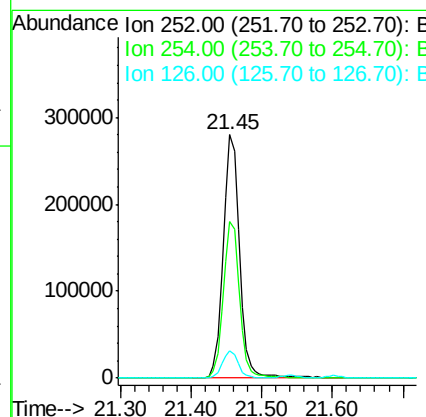
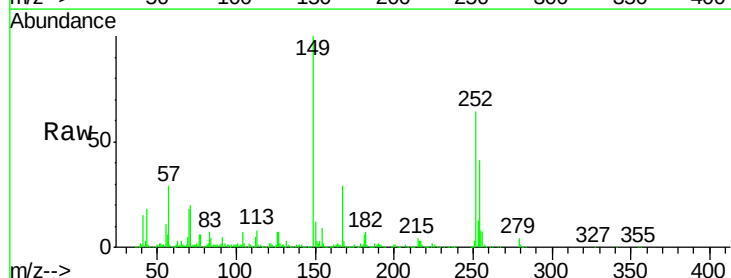
Instrument :
BNA_G
ClientSampled :

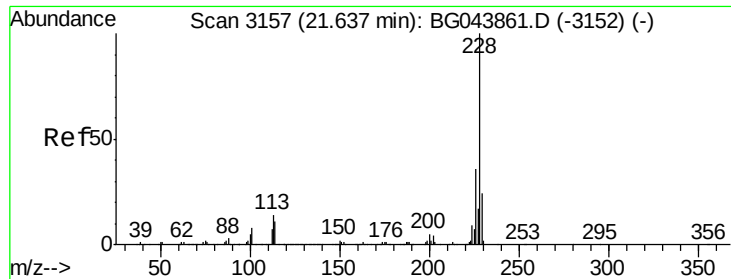
Tot Ion:228 Resp: 1189671
Ion Ratio Lower Upper
228 100
226 30.5 26.2 39.4
229 22.1 18.9 28.3



#82
3,3'-Dichlorobenzidine
Concen: 41.145 ng
RT: 21.45 min Scan# 3126
Delta R.T. -0.04 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:252 Resp: 450539
Ion Ratio Lower Upper
252 100
254 64.5 52.1 78.1
126 11.2 9.1 13.7

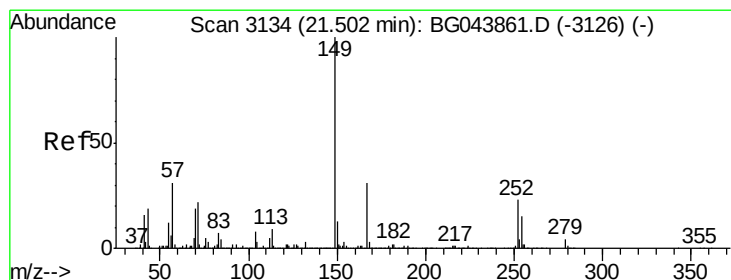
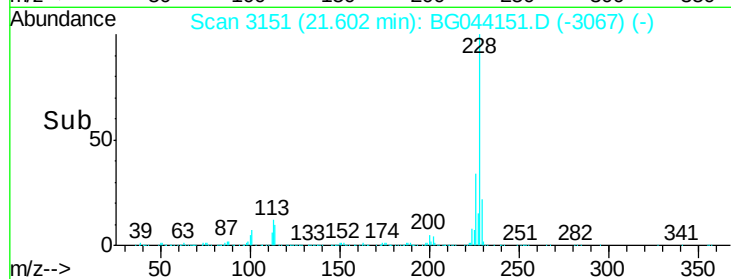
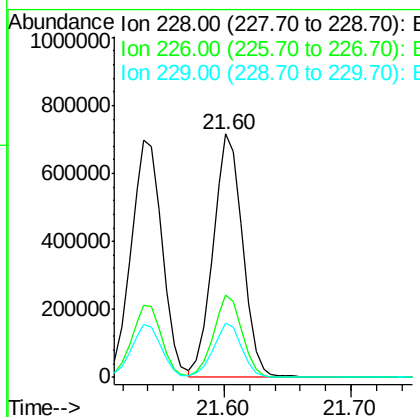
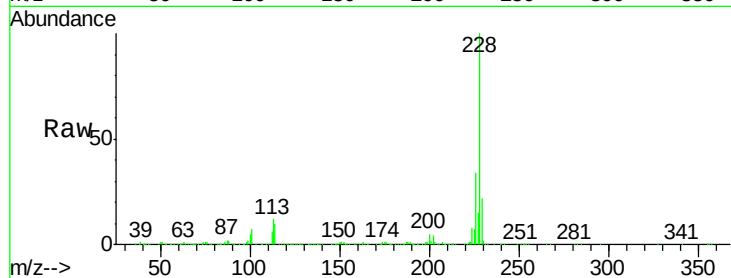




#83
 Chrysene
 Concen: 43.687 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.04 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

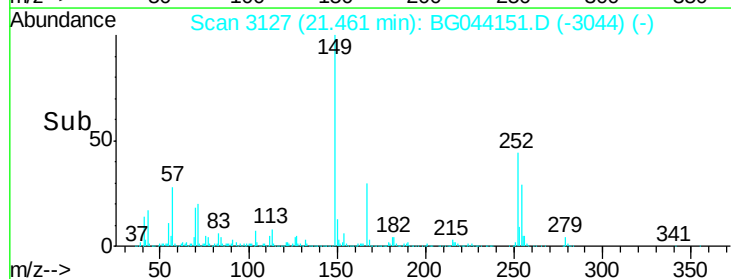
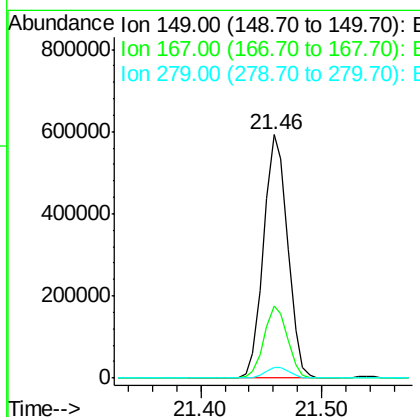
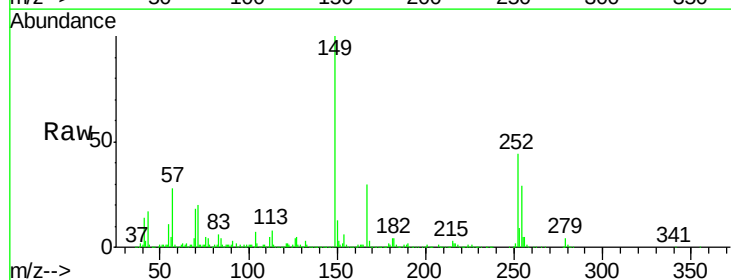
Instrument :
 BNA_G
 ClientSampleId :

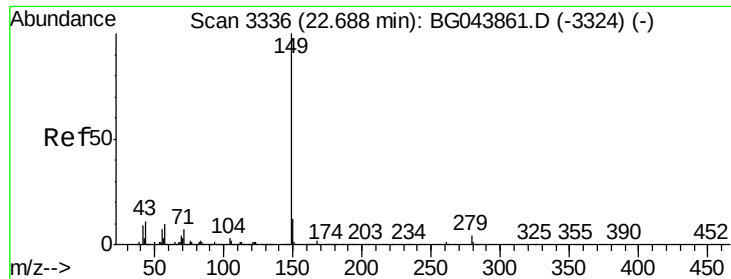
Tot Ion:228 Resp: 1150523
 Ion Ratio Lower Upper
 228 100
 226 33.6 28.8 43.2
 229 22.2 19.0 28.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.666 ng
 RT: 21.46 min Scan# 3127
 Delta R.T. -0.04 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion:149 Resp: 817754
 Ion Ratio Lower Upper
 149 100
 167 29.8 24.7 37.1
 279 4.2 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 44.235 ng

RT: 22.64 min Scan# 3327

Delta R.T. -0.05 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

Instrument :

BNA_G

ClientSampleId :

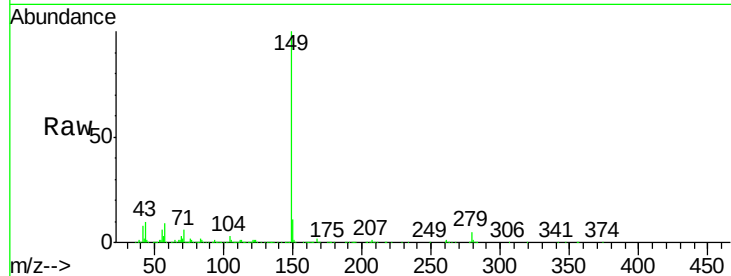
Tot Ion:149 Resp: 1425337

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

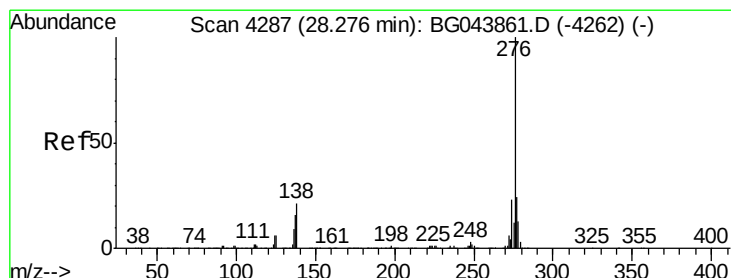
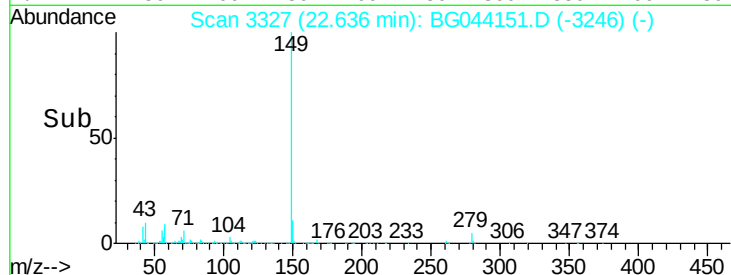
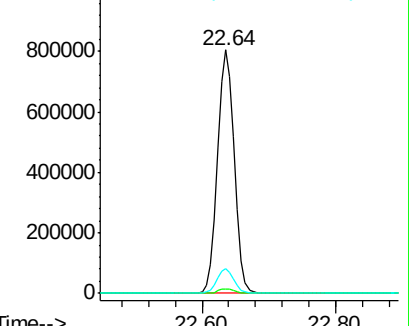
43 10.0 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.342 ng

RT: 28.19 min Scan# 4272

Delta R.T. -0.09 min

Lab File: BG044151.D

Acq: 22 Jan 2020 9:29

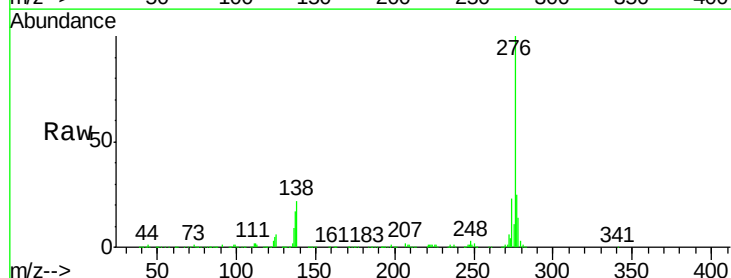
Tgt Ion:276 Resp: 1479666

Ion Ratio Lower Upper

276 100

138 17.3 21.0 31.4#

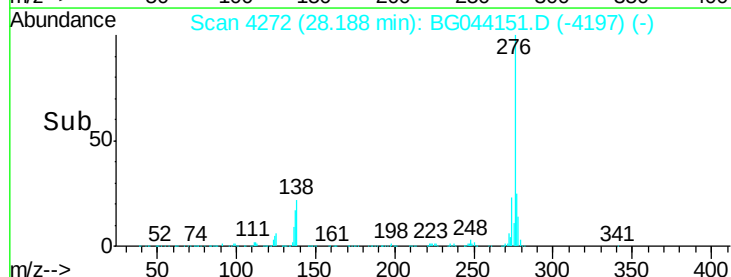
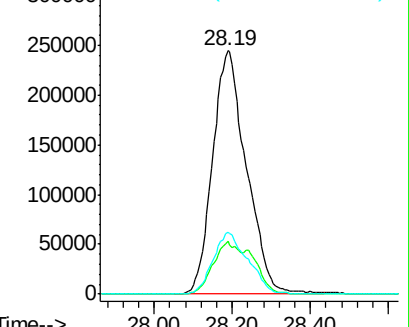
277 26.1 21.1 31.7

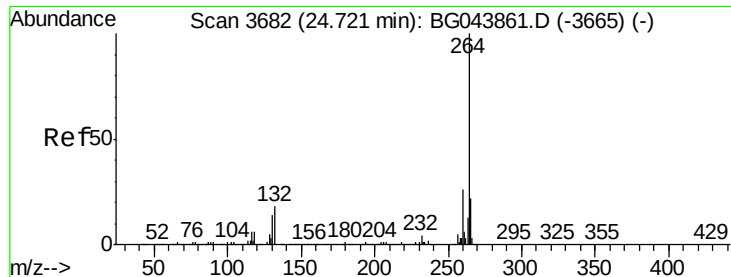


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

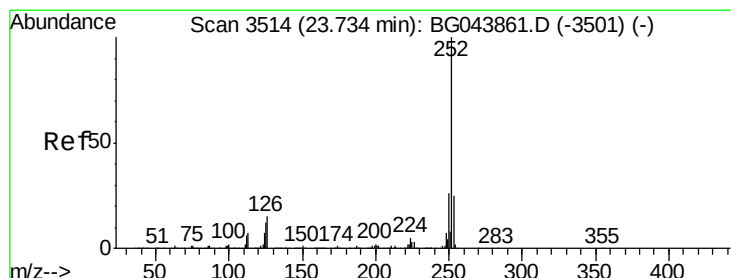
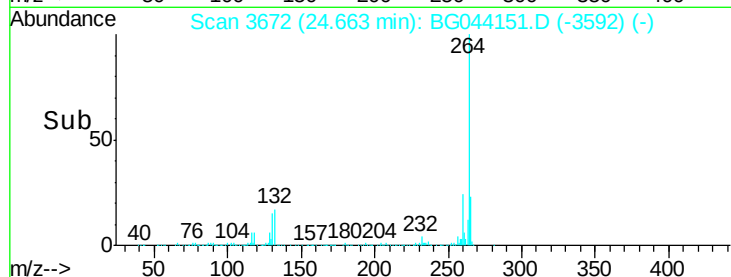
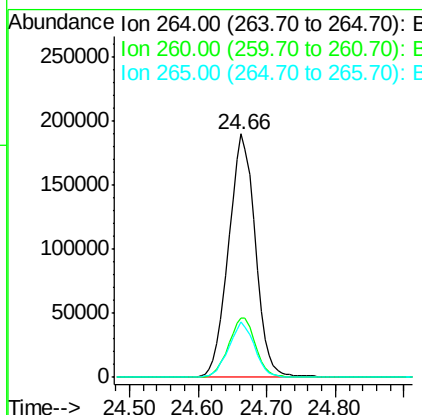
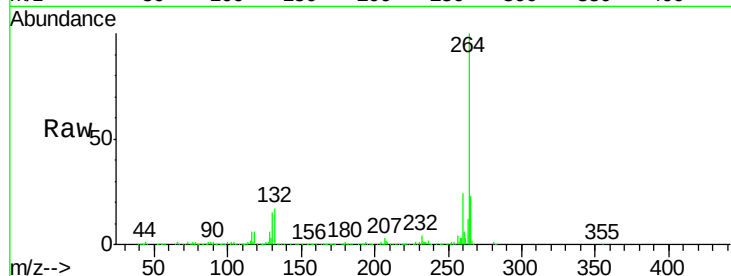




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

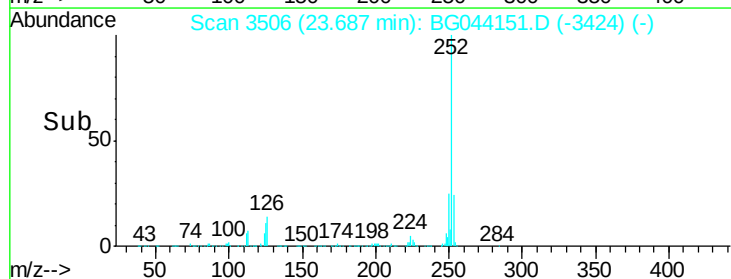
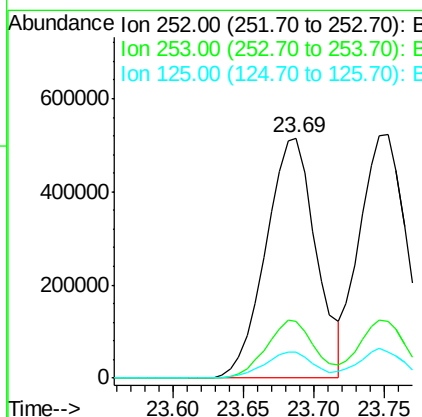
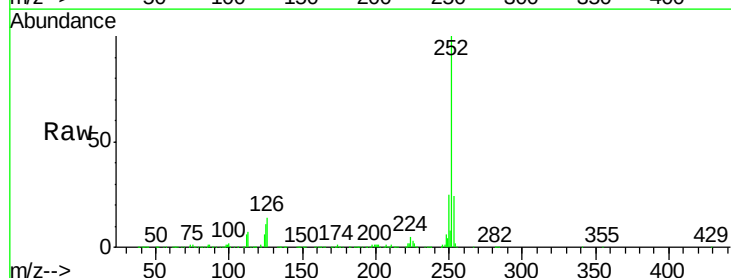
Instrument :
BNA_G
ClientSampleId :

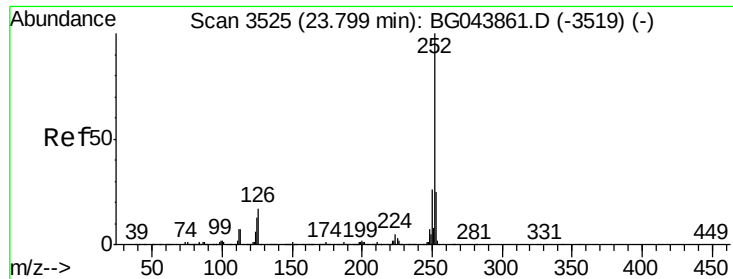
Tot Ion:264 Resp: 514047
Ion Ratio Lower Upper
264 100
260 24.3 20.4 30.6
265 22.7 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 42.085 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:252 Resp: 1278919
Ion Ratio Lower Upper
252 100
253 23.6 19.7 29.5
125 10.7 9.4 14.2

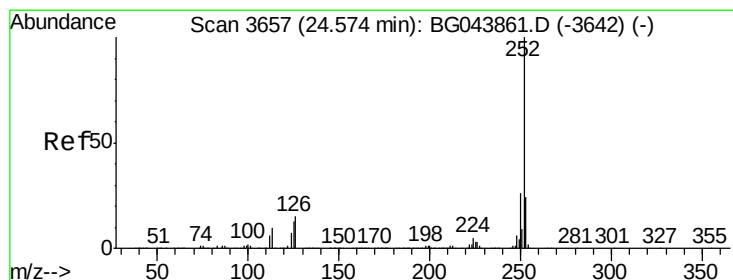
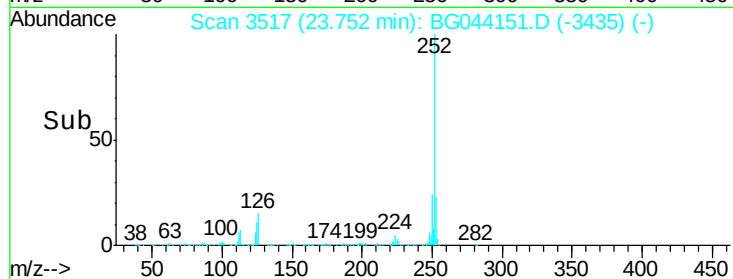
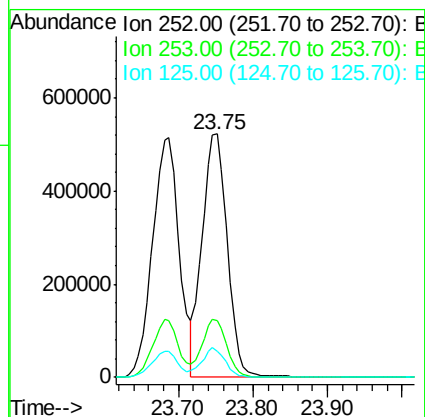
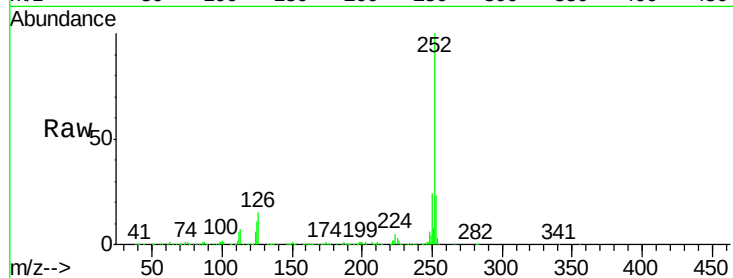




#89
Benzo(k)fluoranthene
Concen: 42.173 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.05 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

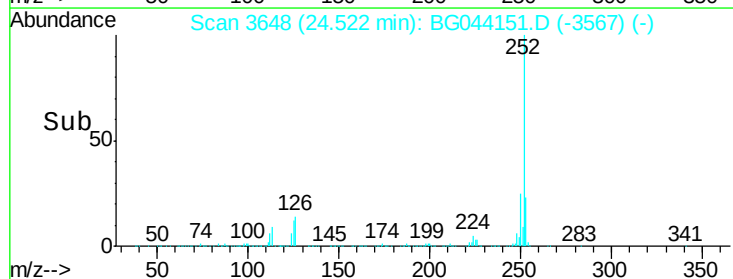
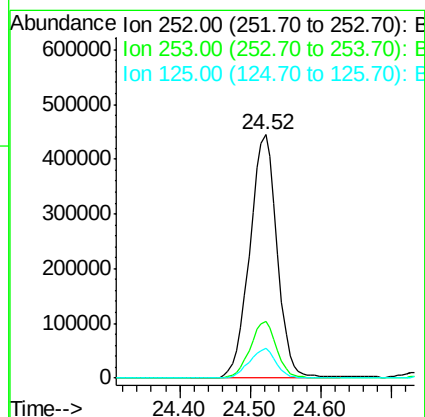
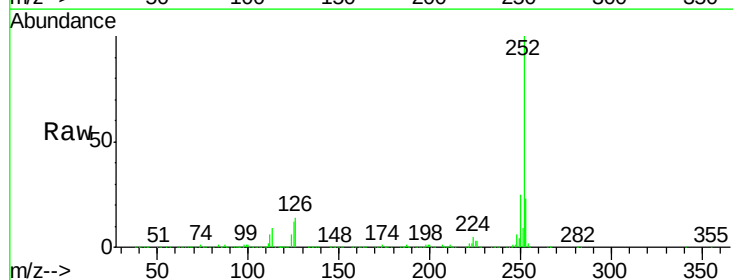
Instrument :
BNA_G
ClientSampleId :

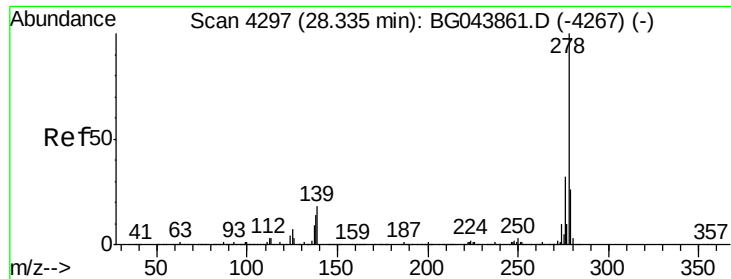
Tot Ion:252 Resp: 1218711
Ion Ratio Lower Upper
252 100
253 23.0 19.4 29.2
125 10.8 9.9 14.9



#90
Benzo(a)pyrene
Concen: 41.707 ng
RT: 24.52 min Scan# 3648
Delta R.T. -0.05 min
Lab File: BG044151.D
Acq: 22 Jan 2020 9:29

Tgt Ion:252 Resp: 1196243
Ion Ratio Lower Upper
252 100
253 23.1 19.3 28.9
125 12.1 10.4 15.6

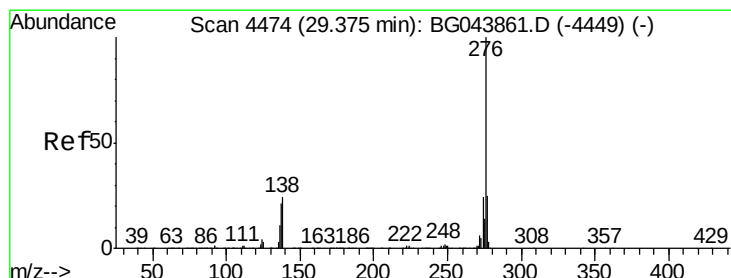
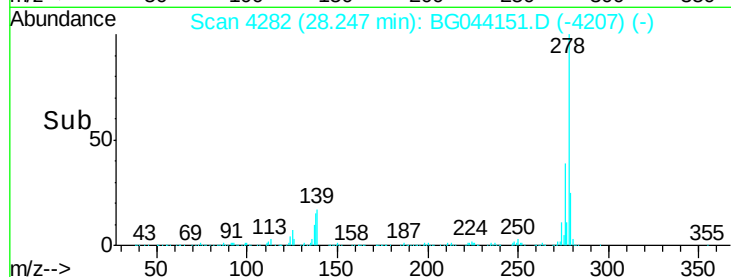
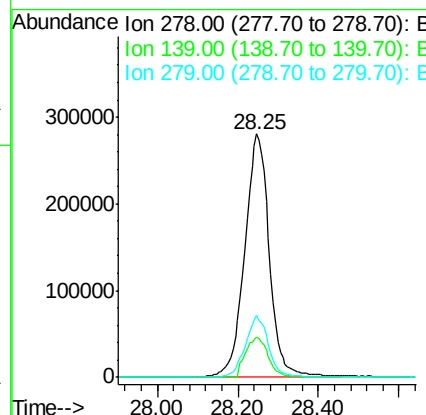
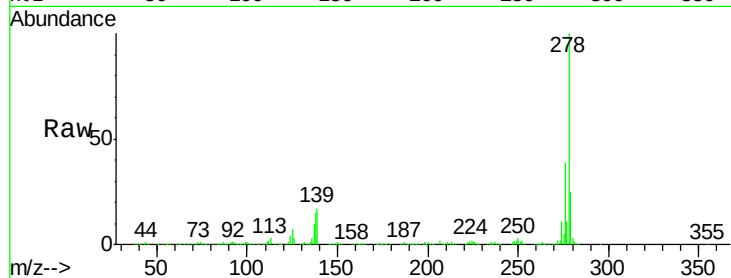




#91
 Dibenzo(a,h)anthracene
 Concen: 41.557 ng
 RT: 28.25 min Scan# 4282
 Delta R.T. -0.09 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:278 Resp: 1197059
 Ion Ratio Lower Upper
 278 100
 139 16.6 14.2 21.4
 279 25.2 20.6 30.8



#92
 Benzo(g,h,i)perylene
 Concen: 41.718 ng
 RT: 29.29 min Scan# 4459
 Delta R.T. -0.09 min
 Lab File: BG044151.D
 Acq: 22 Jan 2020 9:29

Tgt Ion:276 Resp: 1193669
 Ion Ratio Lower Upper
 276 100
 277 24.0 20.2 30.4
 138 21.6 19.0 28.6

