

Data File : BG044201.D
Acq On : 25 Jan 2020 4:26
Operator : CG/JU
Sample : L1007-10MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Quant Time: Jan 27 00:50:42 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	90594	20.00	ng	-0.04
21) Naphthalene-d8	10.73	136	390893	20.00	ng	-0.04
39) Acenaphthene-d10	14.57	164	250553	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	521662	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	430417	20.00	ng	-0.03
87) Perylene-d12	24.66	264	497435	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	699064	141.68	ng	-0.02
7) Phenol-d6	7.11	99	860202	124.72	ng	-0.02
23) Nitrobenzene-d5	9.09	82	634683	86.86	ng	-0.04
42) 2,4,6-Tribromophenol	16.05	330	369695	141.00	ng	-0.03
45) 2-Fluorobiphenyl	13.19	172	1366412	98.81	ng	-0.04
79) Terphenyl-d14	19.93	244	1872239	114.29	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	86219	40.077	ng	# 34
3) Pyridine	3.81	79	176058	27.702	ng	95
4) n-Nitrosodimethylamine	3.71	42	122049	43.134	ng	99
6) Aniline	7.25	93	233302	25.754	ng	98
8) 2-Chlorophenol	7.50	128	301660	52.079	ng	96
9) Benzaldehyde	7.06	77	150862	34.177	ng	99
10) Phenol	7.13	94	324645	45.687	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	278769	45.448	ng	99
12) 1,3-Dichlorobenzene	7.82	146	292756	43.190	ng	98
13) 1,4-Dichlorobenzene	7.96	146	293479	43.881	ng	99
14) 1,2-Dichlorobenzene	8.29	146	280056	43.626	ng	100
15) Benzyl Alcohol	8.17	79	258970	47.577	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.46	45	379146	39.953	ng	98
17) 2-Methylphenol	8.38	107	250836	48.779	ng	98
18) Hexachloroethane	9.02	117	110204	42.347	ng	95
19) n-Nitroso-di-n-propylamine	8.73	70	229624	44.707	ng	98
20) 3+4-Methylphenols	8.70	107	342368	47.726	ng	96
22) Acetophenone	8.75	105	419294	43.146	ng	# 98
24) Nitrobenzene	9.13	77	321555	44.432	ng	98
25) Isophorone	9.66	82	626857	45.727	ng	99
26) 2-Nitrophenol	9.84	139	170455	49.783	ng	97
27) 2,4-Dimethylphenol	9.91	122	289546	56.178	ng	97
28) bis(2-Chloroethoxy)methane	10.14	93	392239	42.918	ng	99
29) 2,4-Dichlorophenol	10.38	162	297233	48.347	ng	99
30) 1,2,4-Trichlorobenzene	10.60	180	294006	42.651	ng	98
31) Naphthalene	10.78	128	881671	46.610	ng	99
32) Benzoic acid	10.05	122	93789	25.692	ng	97
33) 4-Chloroaniline	10.89	127	68993	7.647	ng	97
34) Hexachlorobutadiene	11.08	225	170578	40.529	ng	97
35) Caprolactam	11.66	113	63045	27.547	ng	94
36) 4-Chloro-3-methylphenol	12.02	107	321916	49.187	ng	98
37) 2-Methylnaphthalene	12.39	142	661554	46.454	ng	97
38) 1-Methylnaphthalene	12.61	142	631092	46.757	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	318965	43.434	ng	99

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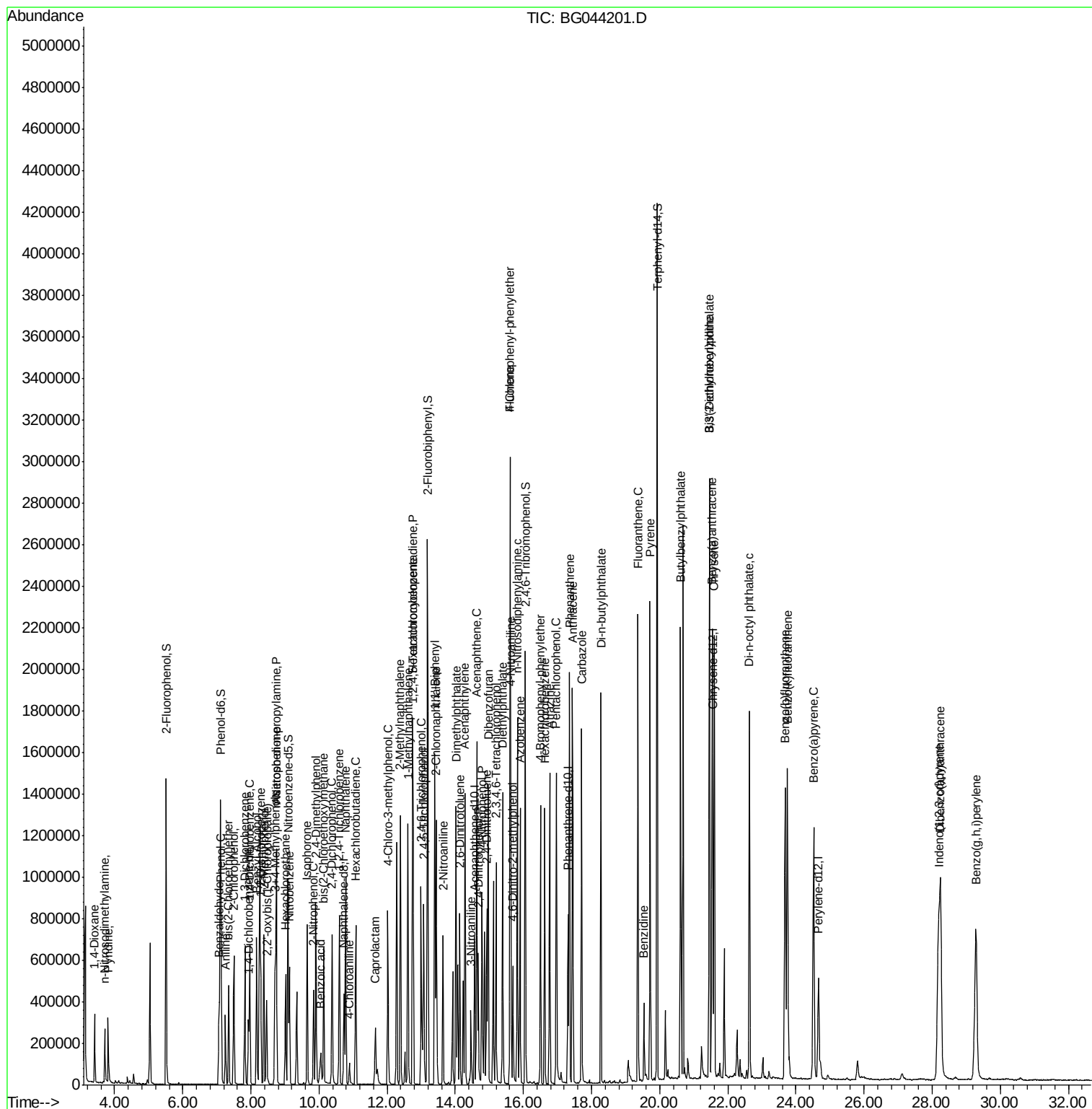
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	361180	94.866	ng	100
43) 2,4,6-Trichlorophenol	13.00	196	240567	47.608	ng	100
44) 2,4,5-Trichlorophenol	13.08	196	252066	48.366	ng	100
46) 1,1'-Biphenyl	13.40	154	836821	46.583	ng	99
47) 2-Chloronaphthalene	13.44	162	654916	45.116	ng	98
48) 2-Nitroaniline	13.64	65	205571	44.024	ng	97
49) Acenaphthylene	14.29	152	1039923	49.842	ng	98
50) Dimethylphthalate	14.02	163	900645	50.626	ng	99
51) 2,6-Dinitrotoluene	14.13	165	190684	47.422	ng	99
52) Acenaphthene	14.63	154	656065	44.838	ng	97
53) 3-Nitroaniline	14.46	138	100292	21.964	ng	100
54) 2,4-Dinitrophenol	14.67	184	167773	81.770	ng	96
55) Dibenzofuran	14.97	168	990884	49.194	ng	98
56) 4-Nitrophenol	14.78	139	305903	87.423	ng	98
57) 2,4-Dinitrotoluene	14.93	165	266640	48.734	ng	98
58) Fluorene	15.61	166	770926	48.289	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	221403	49.405	ng	97
60) Diethylphthalate	15.39	149	846272	47.560	ng	98
61) 4-Chlorophenyl-phenylether	15.61	204	403748	46.574	ng	99
62) 4-Nitroaniline	15.63	138	188628	41.832	ng	96
63) Azobenzene	15.90	77	793441	48.082	ng	99
65) 4,6-Dinitro-2-methylphenol	15.69	198	141206	52.122	ng	98
66) n-Nitrosodiphenylamine	15.82	169	728782	47.440	ng	98
67) 4-Bromophenyl-phenylether	16.50	248	261989	44.654	ng	99
68) Hexachlorobenzene	16.62	284	278685	44.082	ng	99
69) Atrazine	16.77	200	269188	53.907	ng	99
70) Pentachlorophenol	16.96	266	300460	86.215	ng	97
71) Phenanthrene	17.35	178	1195464	47.777	ng	99
72) Anthracene	17.44	178	1243644	50.292	ng	98
73) Carbazole	17.71	167	1098048	48.071	ng	97
74) Di-n-butylphthalate	18.27	149	1359682	46.622	ng	98
75) Fluoranthene	19.36	202	1367763	47.798	ng	97
77) Benzidine	19.54	184	265638	24.553	ng	97
78) Pyrene	19.72	202	1384491	49.279	ng	97
80) Butylbenzylphthalate	20.61	149	655028	48.971	ng	97
81) Benzo(a)anthracene	21.54	228	1313228	49.205	ng	97
82) 3,3'-Dichlorobenzidine	21.45	252	263188	24.961	ng	97
83) Chrysene	21.61	228	1246775	49.164	ng	96
84) Bis(2-ethylhexyl)phthalate	21.46	149	906409	49.112	ng	97
85) Di-n-octyl phthalate	22.63	149	1575219	50.768	ng	98
86) Indeno(1,2,3-cd)pyrene	28.19	276	1637972	47.527	ng	99
88) Benzo(b)fluoranthene	23.69	252	1390137	47.272	ng	99
89) Benzo(k)fluoranthene	23.75	252	1359509	48.616	ng	99
90) Benzo(a)pyrene	24.52	252	1282167	46.196	ng	98
91) Dibenzo(a,h)anthracene	28.25	278	1337788	47.993	ng	98
92) Benzo(g,h,i)perylene	29.29	276	1376057	49.699	ng	98

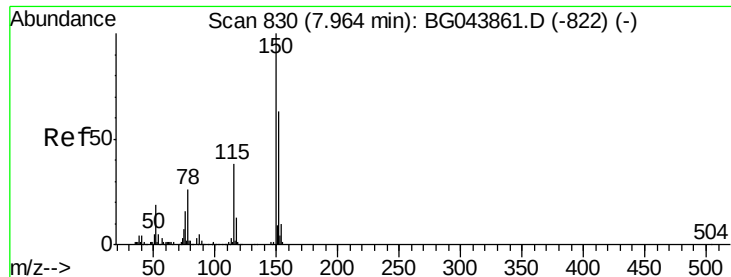
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.04 min

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Instrument :

BNA_G

ClientSampleId :

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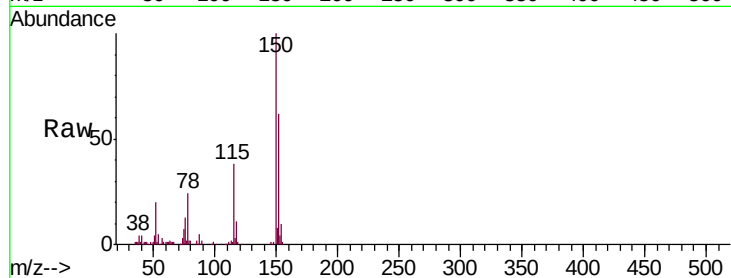
Tgt Ion:152 Resp: 90594

Ion Ratio Lower Upper

152 100

150 161.5 127.0 190.4

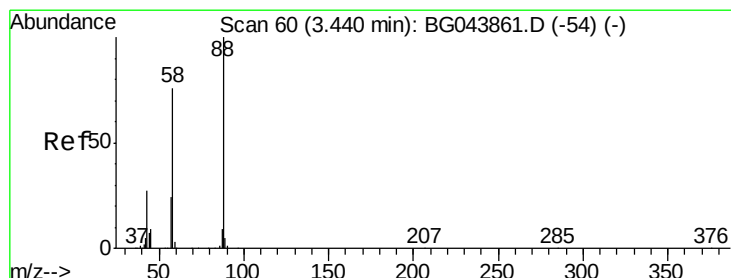
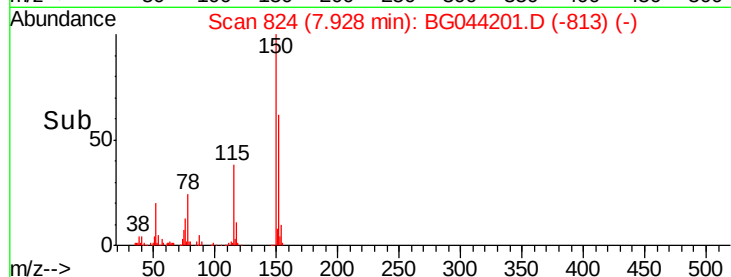
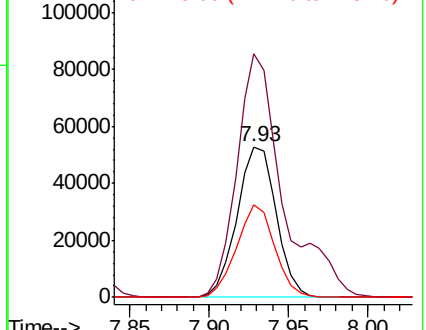
115 61.6 47.8 71.8



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: 40.077 ng

RT: 3.41 min Scan# 55

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

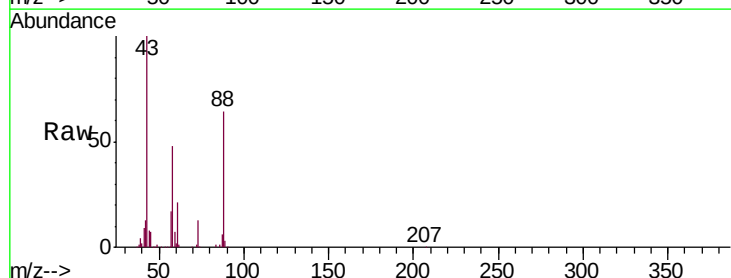
Tgt Ion: 88 Resp: 86219

Ion Ratio Lower Upper

88 100

58 75.4 59.8 89.8

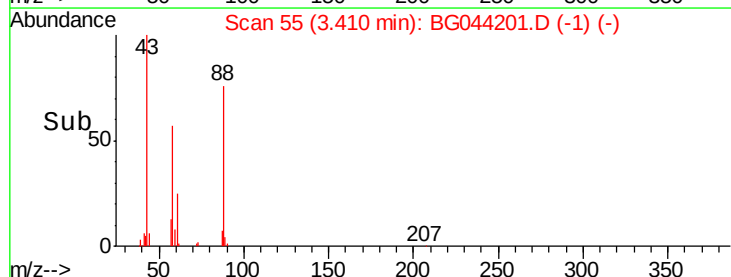
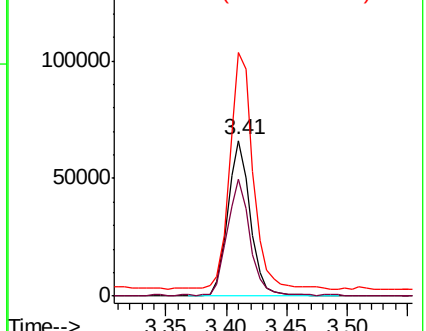
43 154.6 22.9 34.3#

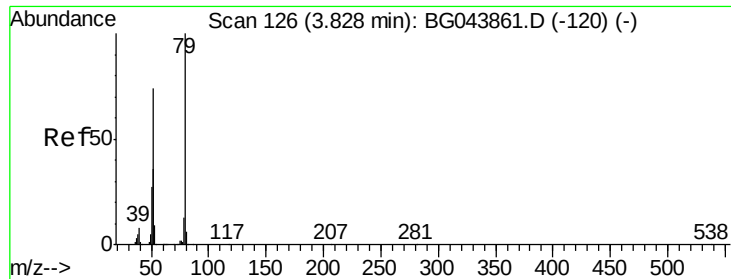


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.702 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.02 min

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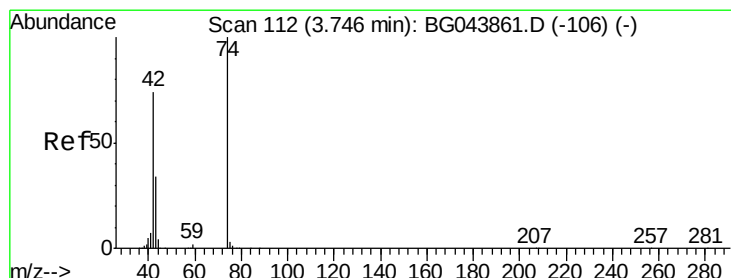
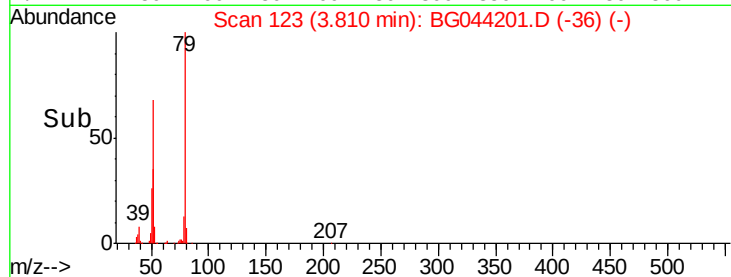
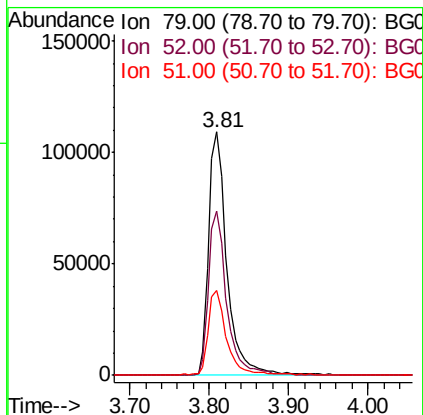
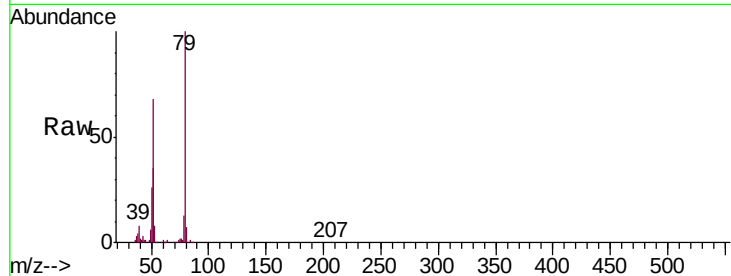
Tgt Ion: 79 Resp: 176058

Ion Ratio Lower Upper

79 100

52 67.7 58.9 88.3

51 35.0 28.6 43.0



#4

n-Nitrosodimethylamine

Concen: 43.134 ng

RT: 3.71 min Scan# 106

Delta R.T. -0.04 min

Lab File: BG044201.D

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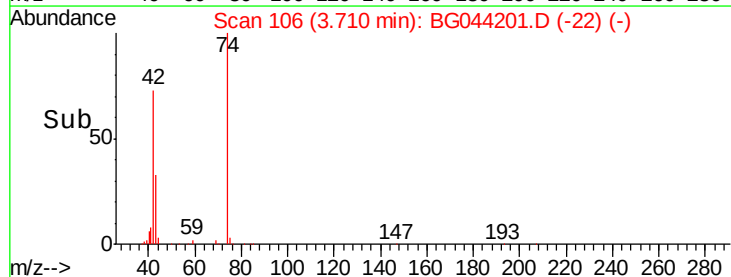
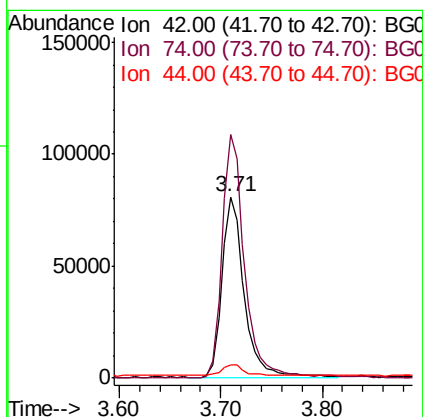
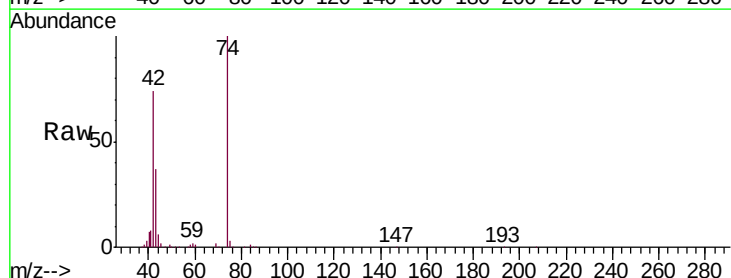
Tgt Ion: 42 Resp: 122049

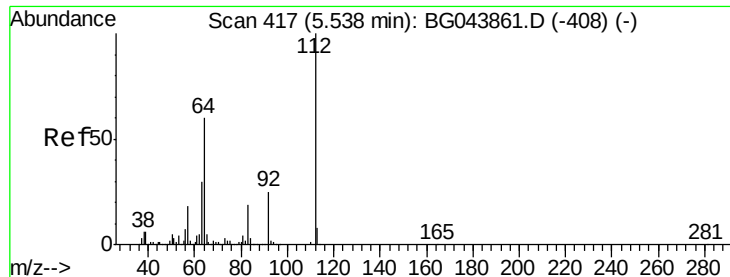
Ion Ratio Lower Upper

42 100

74 134.6 108.6 162.8

44 7.5 5.0 7.6





#5

2-Fluorophenol

Concen: 141.683 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.02 min

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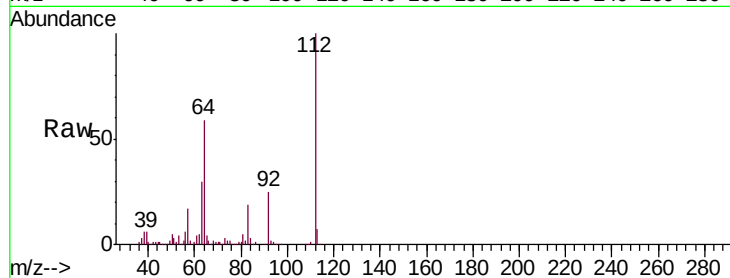
Tgt Ion: 112 Resp: 699064

Ion Ratio Lower Upper

112 100

64 58.6 47.8 71.6

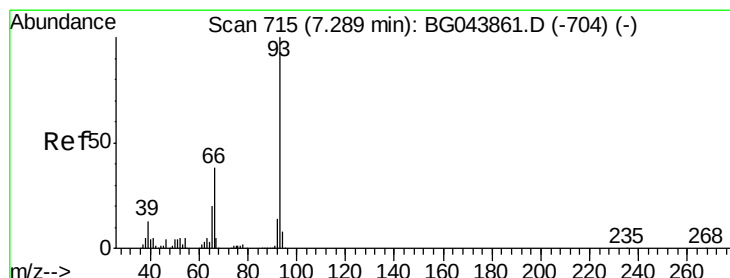
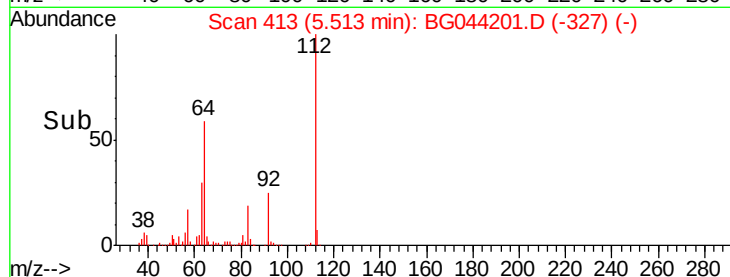
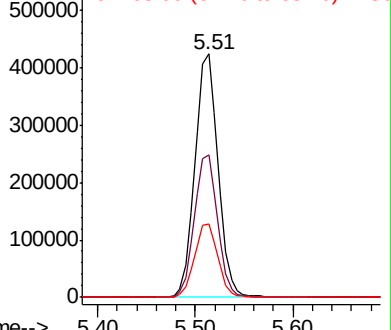
63 30.2 24.3 36.5



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: 25.754 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.04 min

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Acq: 25 Jan 2020 4:26

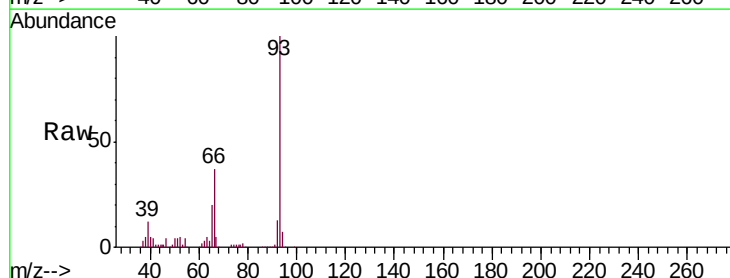
Tgt Ion: 93 Resp: 233302

Ion Ratio Lower Upper

93 100

66 37.2 30.8 46.2

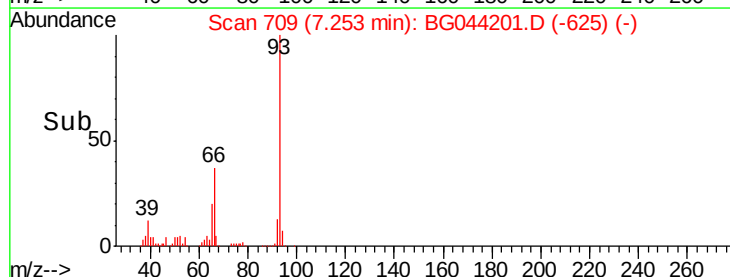
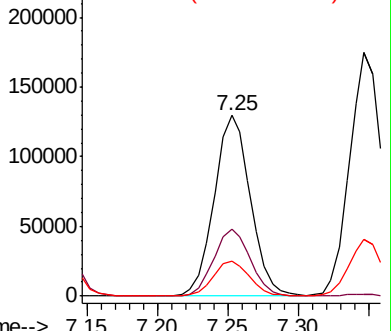
65 19.5 16.0 24.0

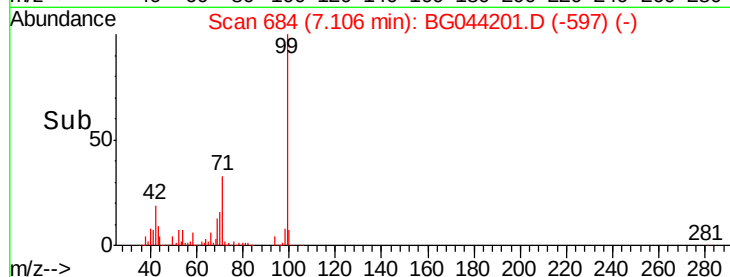
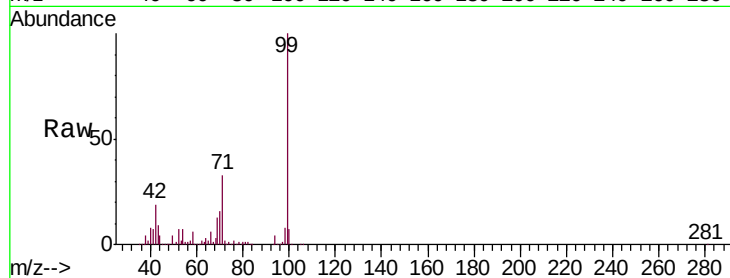
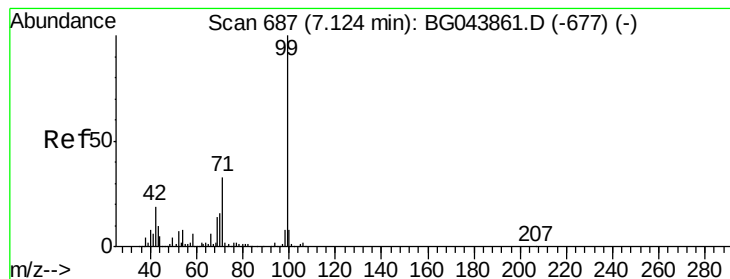


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.724 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

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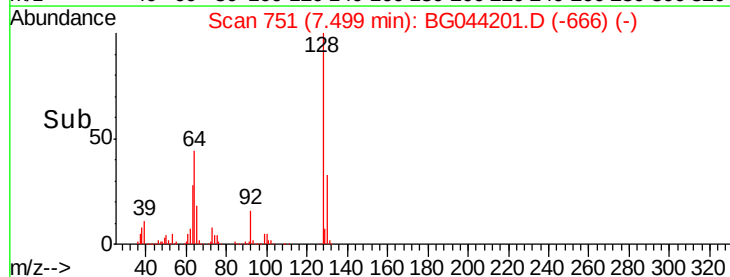
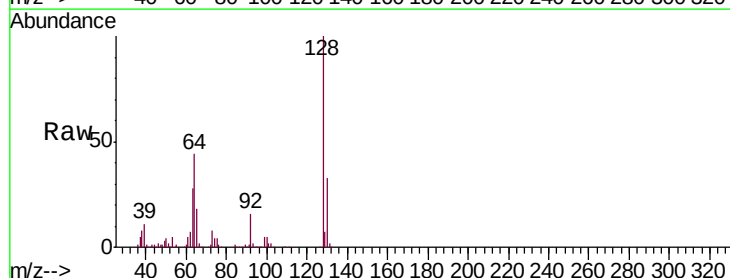
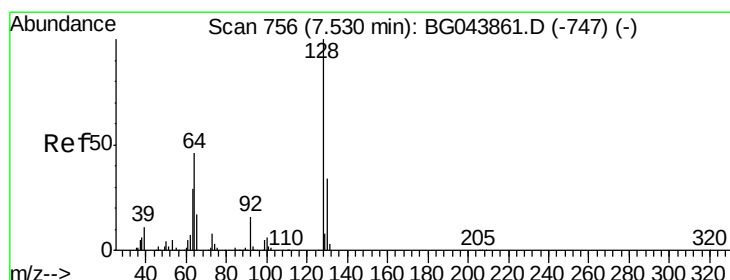
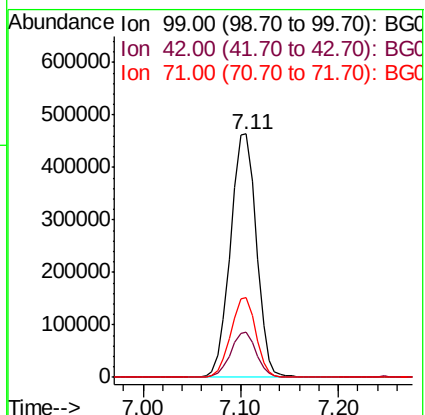
Tgt Ion: 99 Resp: 860202

Ion Ratio Lower Upper

99 100

42 18.7 14.9 22.3

71 33.0 26.4 39.6



#8

2-Chlorophenol

Concen: 52.079 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.03 min

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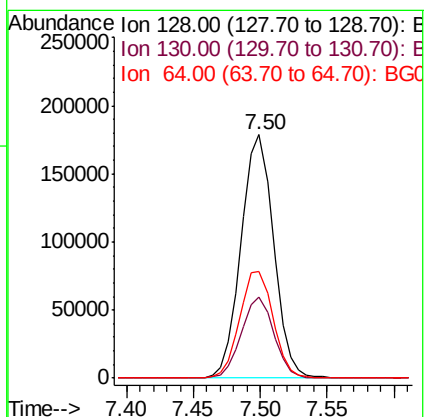
Tgt Ion: 128 Resp: 301660

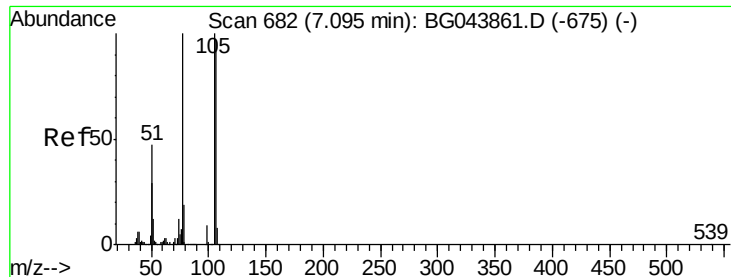
Ion Ratio Lower Upper

128 100

130 33.3 13.8 53.8

64 43.6 27.6 67.6





#9

Benzaldehyde

Concen: 34.177 ng

RT: 7.06 min Scan# 677

Delta R.T. -0.03 min

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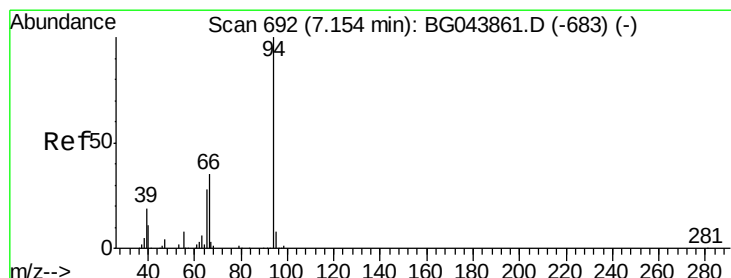
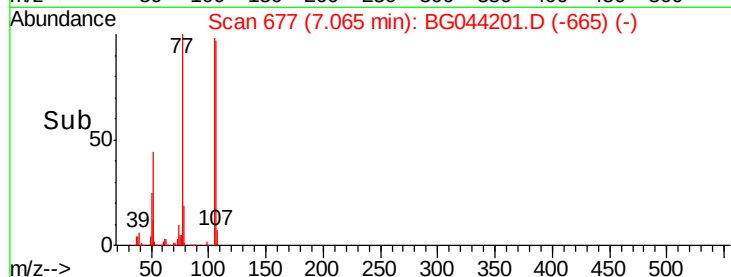
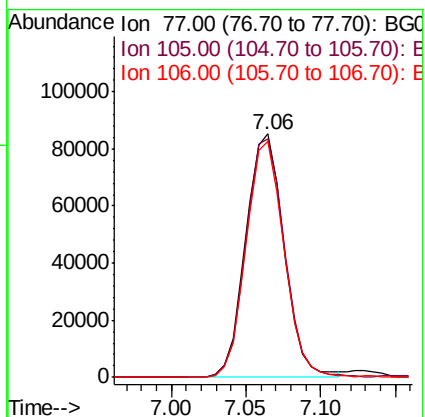
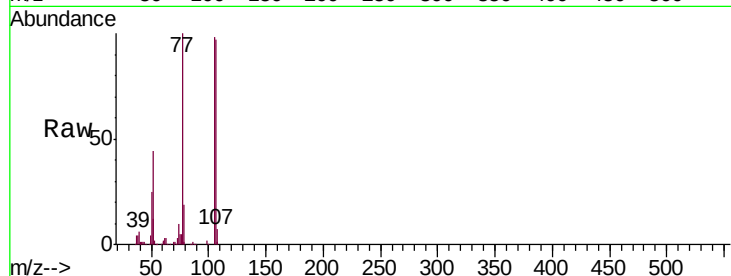
Tgt Ion: 77 Resp: 150862

Ion Ratio Lower Upper

77 100

105 98.2 80.2 120.2

106 97.1 77.2 117.2



#10

Phenol

Concen: 45.687 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

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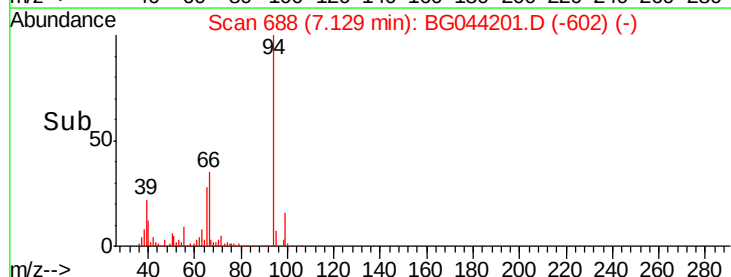
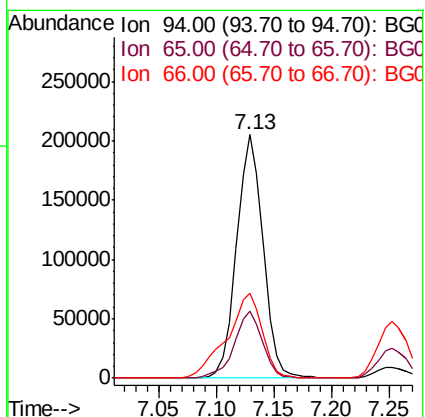
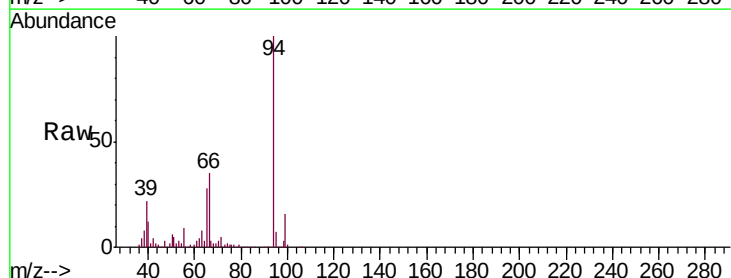
Tgt Ion: 94 Resp: 324645

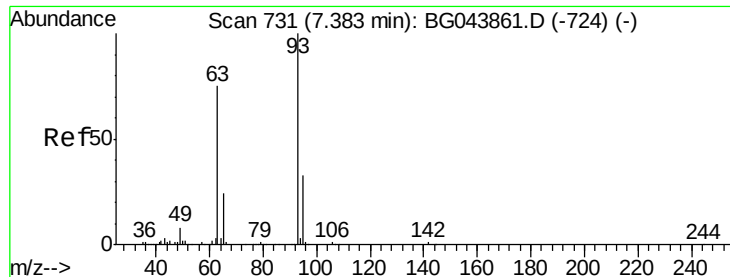
Ion Ratio Lower Upper

94 100

65 27.7 8.1 48.1

66 34.7 15.6 55.6

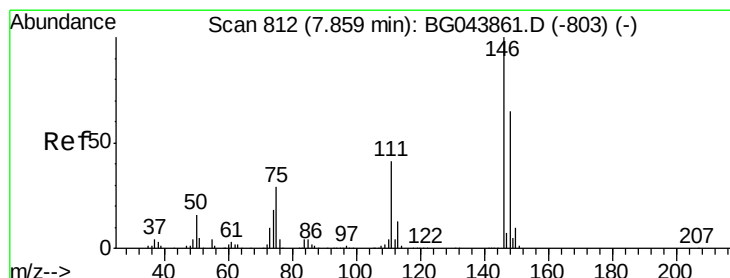
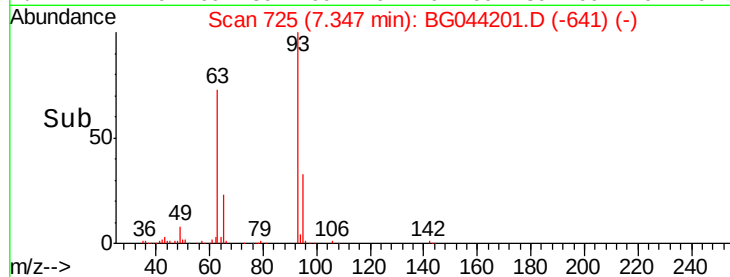
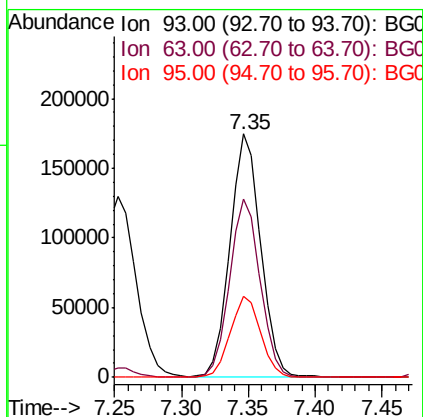
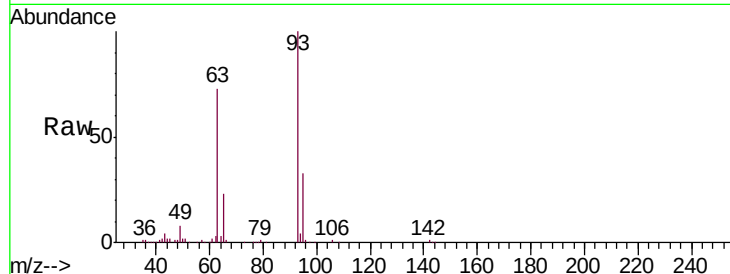




#11
bis(2-Chloroethyl)ether
Concen: 45.448 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

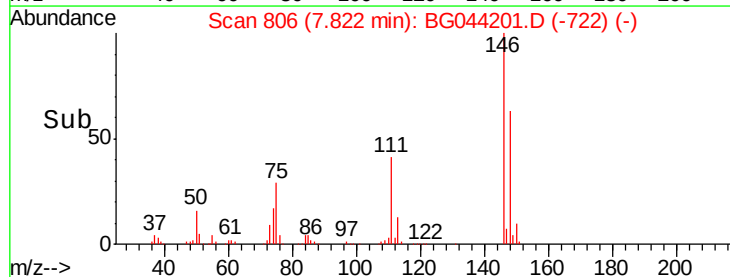
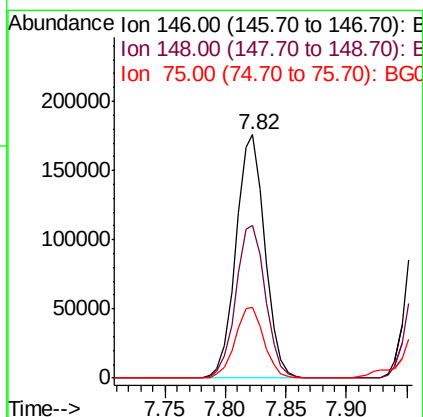
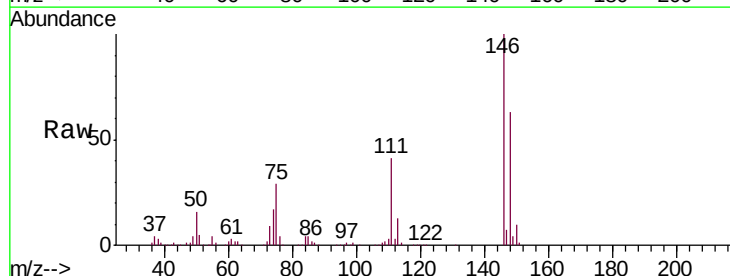
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

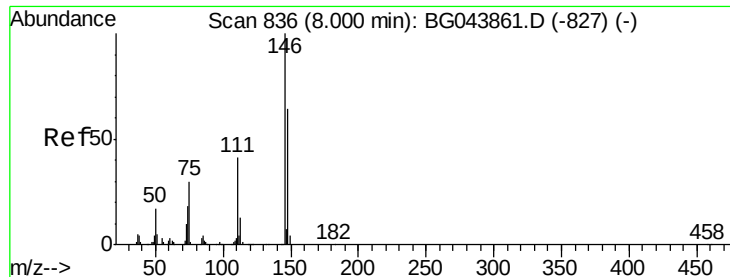
Tgt Ion:	93	Resp:	278769
Ion	Ratio	Lower	Upper
93	100		
63	73.3	55.0	95.0
95	33.1	13.3	53.3



#12
1,3-Dichlorobenzene
Concen: 43.190 ng
RT: 7.82 min Scan# 806
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:	146	Resp:	292756
Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.1	78.1
75	29.0	23.0	34.4

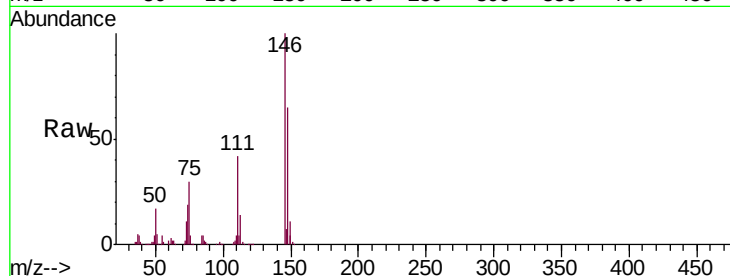




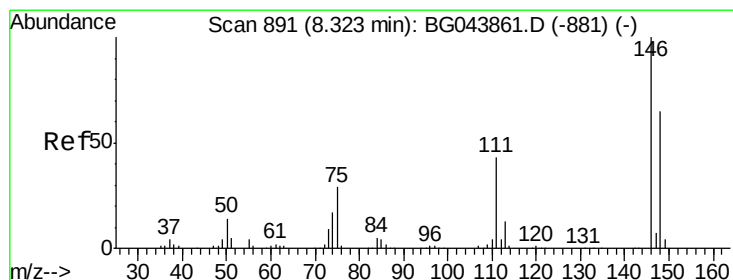
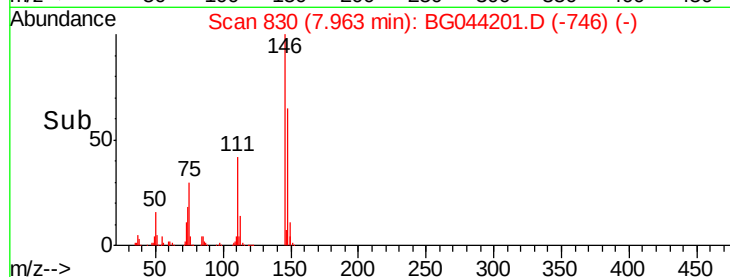
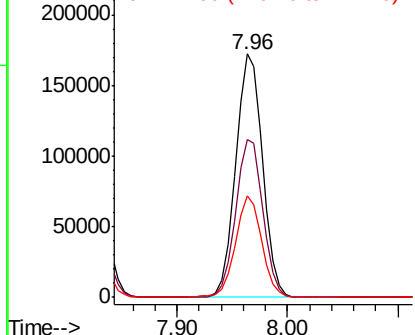
#13
 1,4-Dichlorobenzene
 Concen: 43.881 ng
 RT: 7.96 min Scan# 830
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.2	76.8
111	41.7	33.1	49.7

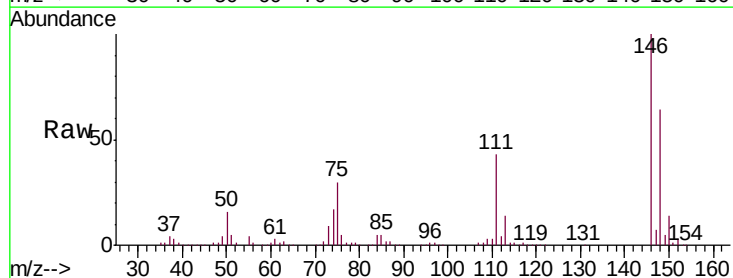


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

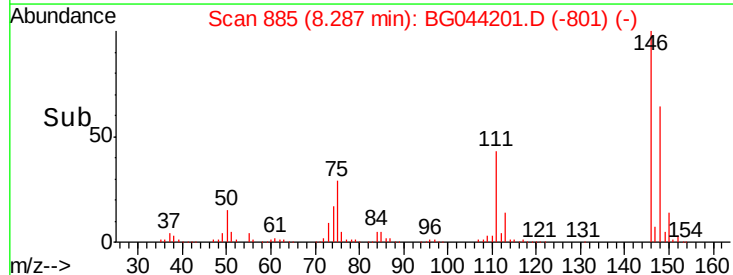
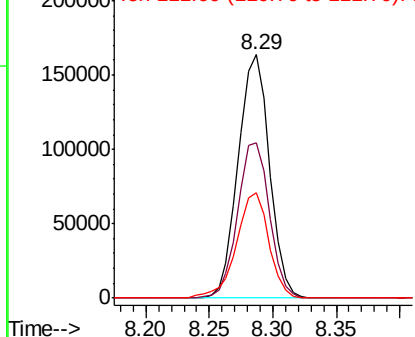


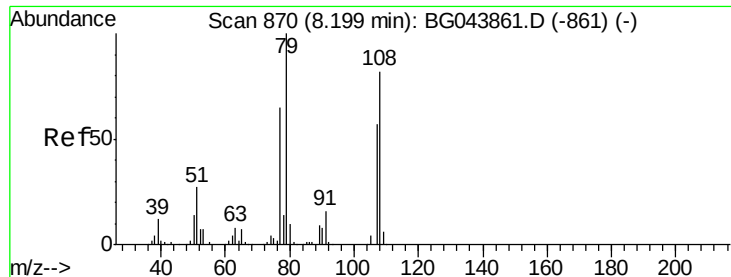
#14
 1,2-Dichlorobenzene
 Concen: 43.626 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.7	77.5
111	43.1	34.4	51.6



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

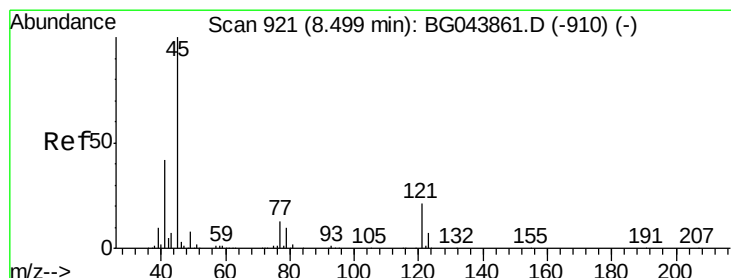
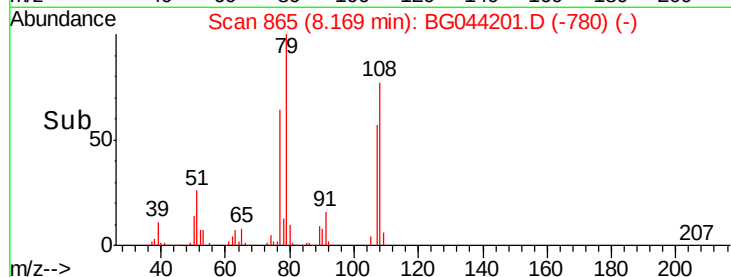
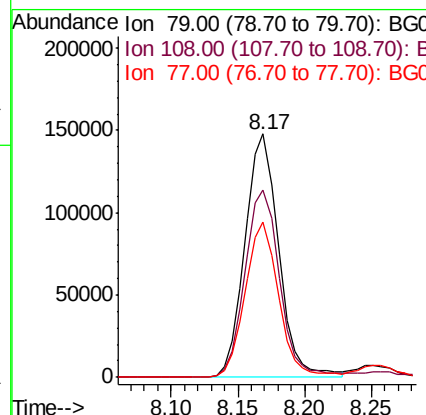
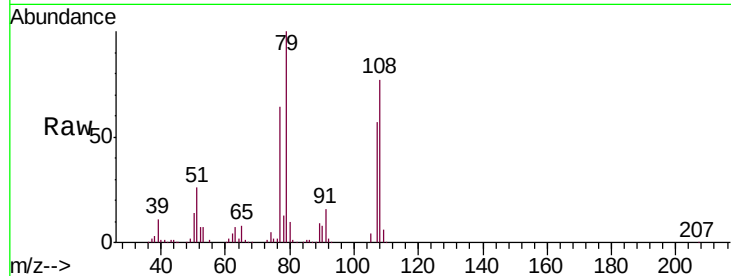




#15
Benzyl Alcohol
Concen: 47.577 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

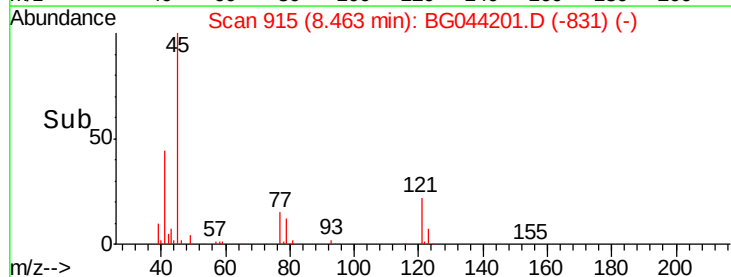
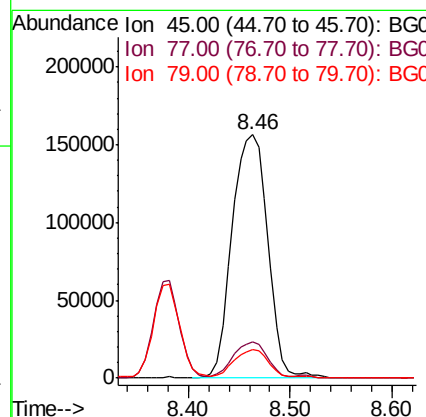
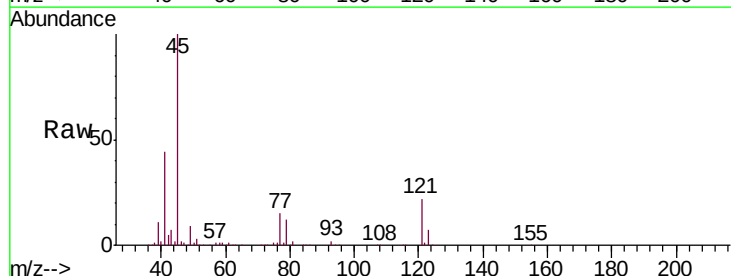
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

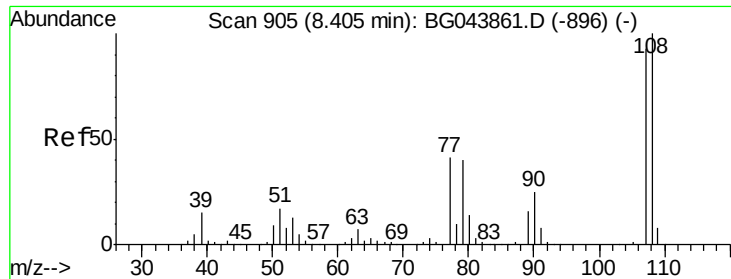
Tgt Ion: 79 Resp: 258970
Ion Ratio Lower Upper
79 100
108 76.9 65.6 98.4
77 63.6 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.953 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion: 45 Resp: 379146
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.8
79 11.6 0.0 31.0

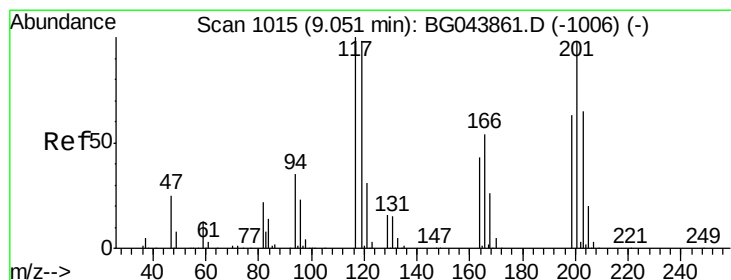
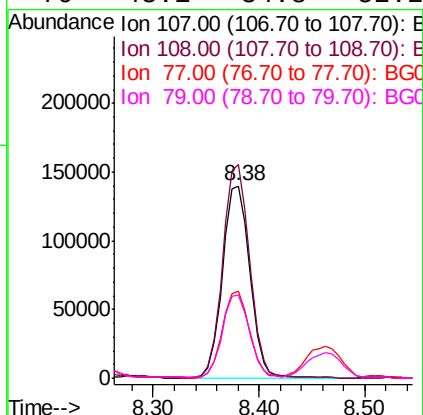
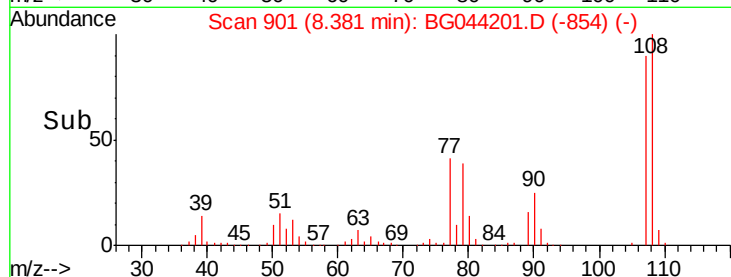
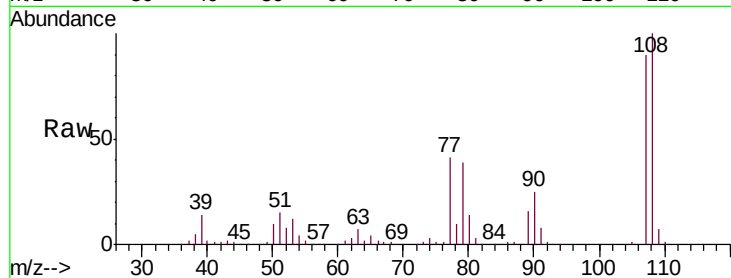




#17
2-Methylphenol
Concen: 48.779 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

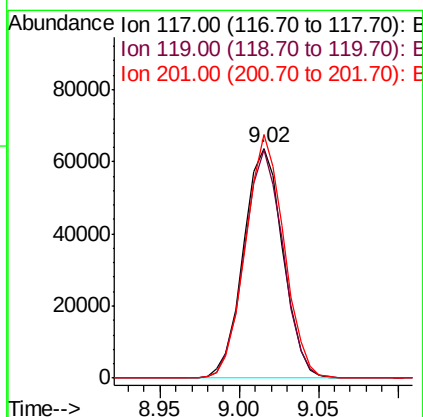
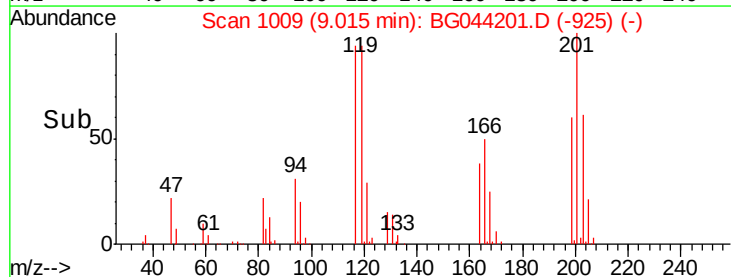
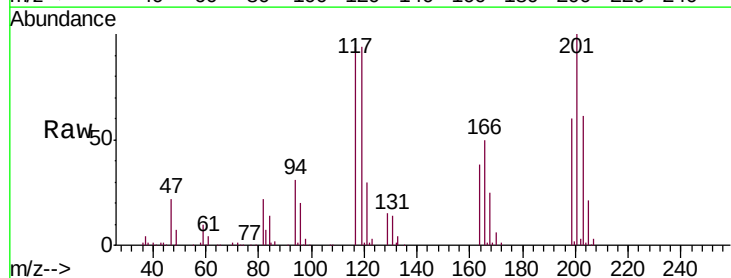
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

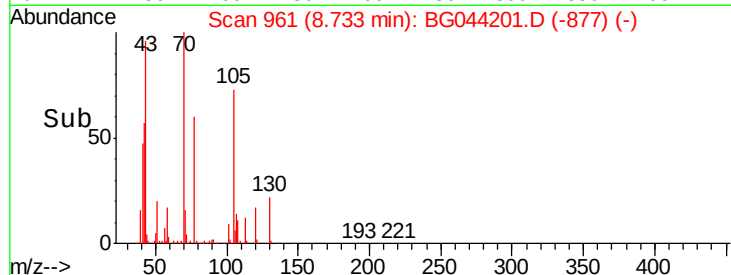
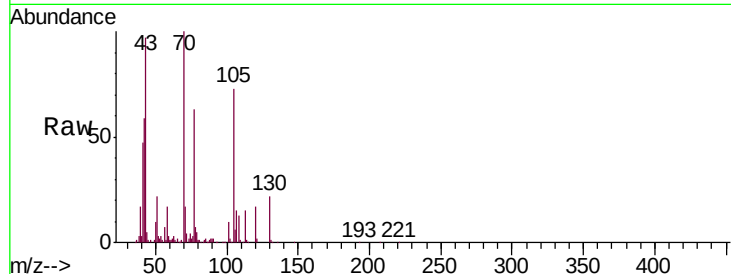
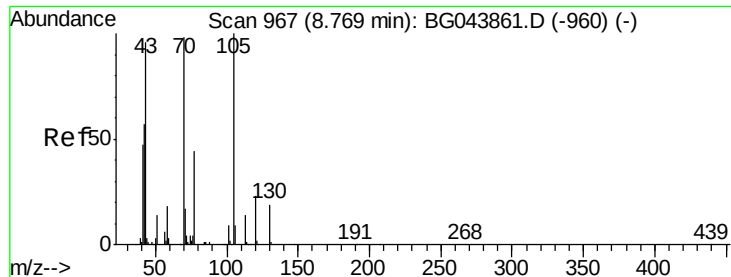
Tgt Ion:107 Resp: 250836
Ion Ratio Lower Upper
107 100
108 111.0 86.1 129.1
77 45.0 35.4 53.0
79 43.1 34.8 52.2



#18
Hexachloroethane
Concen: 42.347 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:117 Resp: 110204
Ion Ratio Lower Upper
117 100
119 99.5 78.1 117.1
201 106.0 78.6 117.8

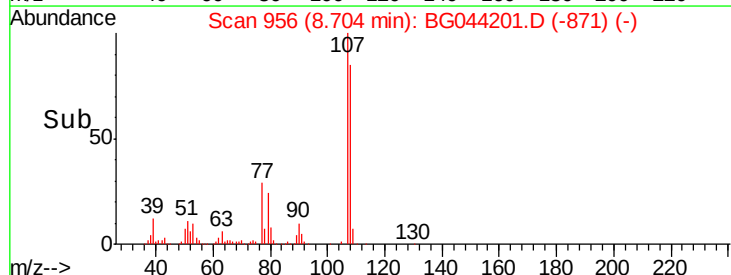
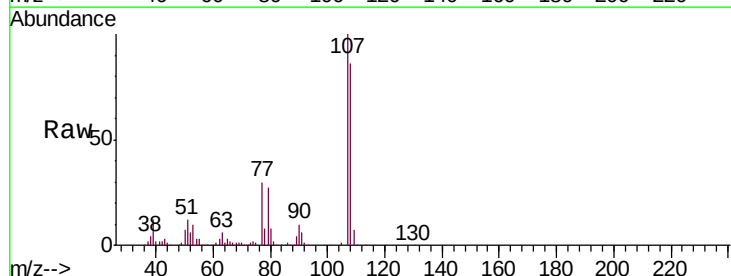
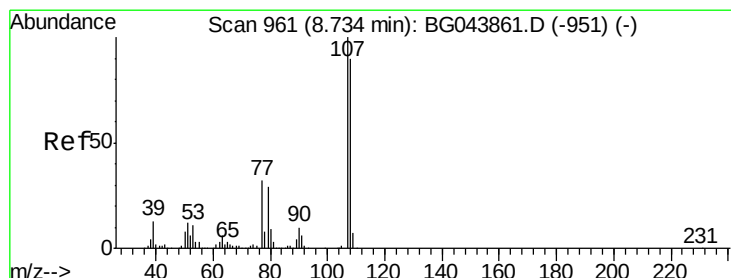
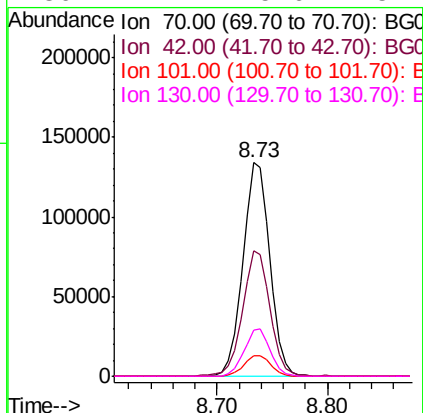




#19
n-Nitroso-di-n-propylamine
Concen: 44.707 ng
RT: 8.73 min Scan# 961
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

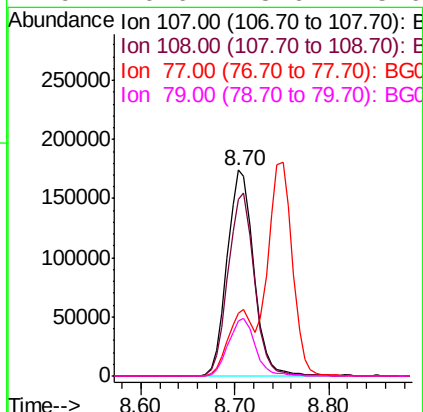
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

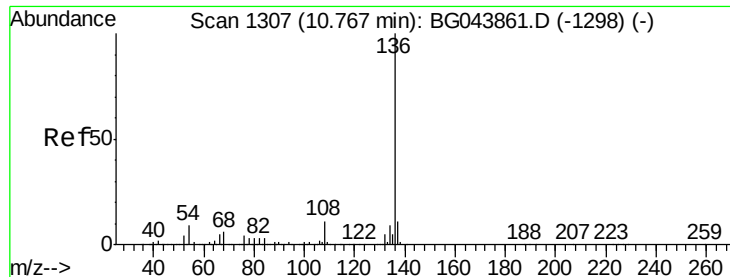
Tgt Ion:	70	Resp:	229624
Ion	Ratio	Lower	Upper
70	100		
42	59.0	47.0	70.4
101	9.6	7.2	10.8
130	21.7	15.6	23.4



#20
3+4-Methylphenols
Concen: 47.726 ng
RT: 8.70 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:	107	Resp:	342368
Ion	Ratio	Lower	Upper
107	100		
108	86.2	70.3	110.3
77	30.5	12.4	52.4
79	26.6	8.6	48.6

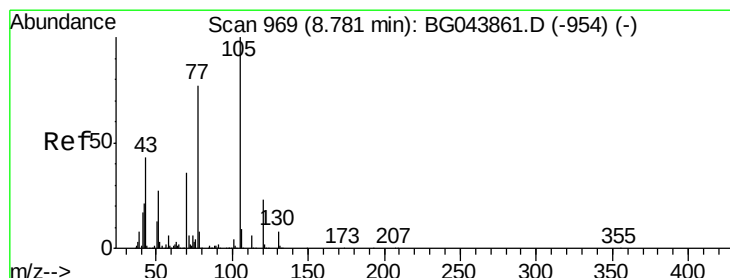
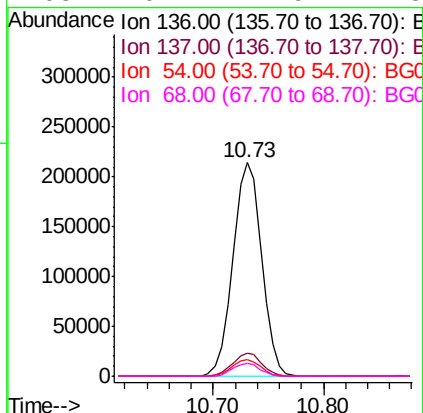
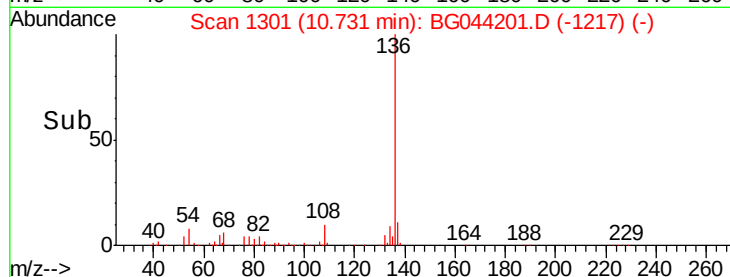
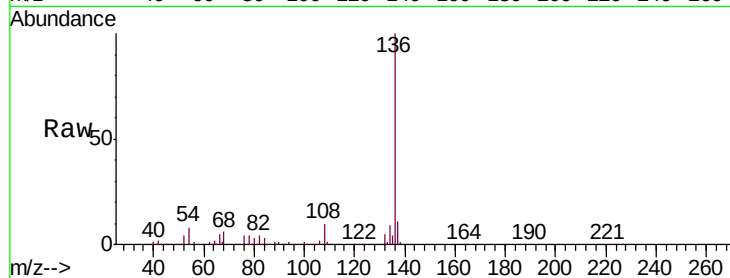




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

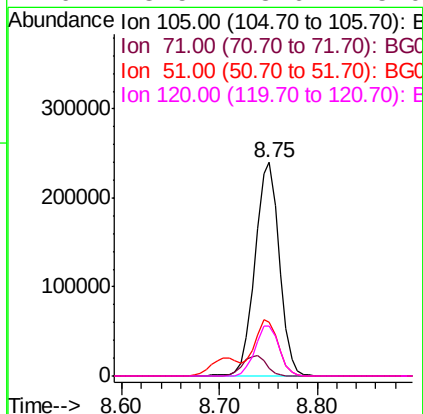
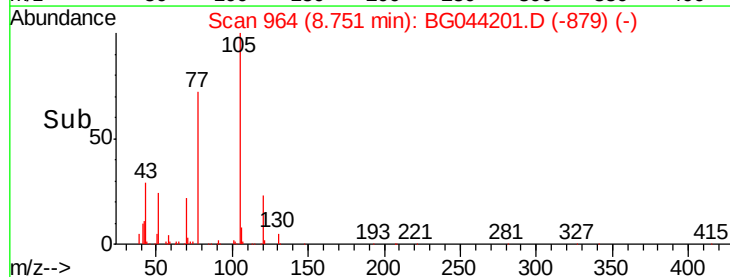
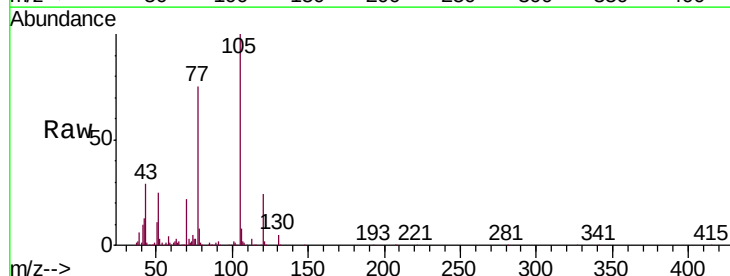
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

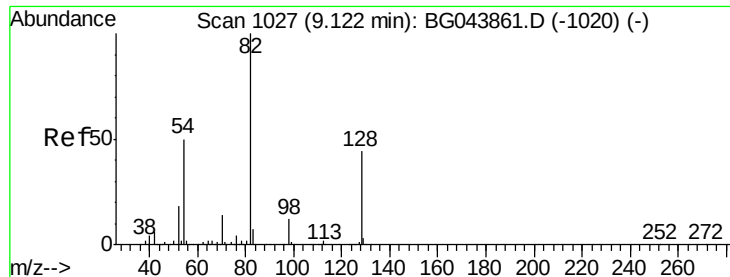
Tgt Ion:	136	Resp:	390893
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.7	7.0	10.4
68	6.2	4.9	7.3



#22
Acetophenone
Concen: 43.146 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:	105	Resp:	419294
Ion Ratio	Lower	Upper	
105	100		
71	3.3	4.8	7.2#
51	25.3	21.4	32.0
120	23.5	18.6	28.0

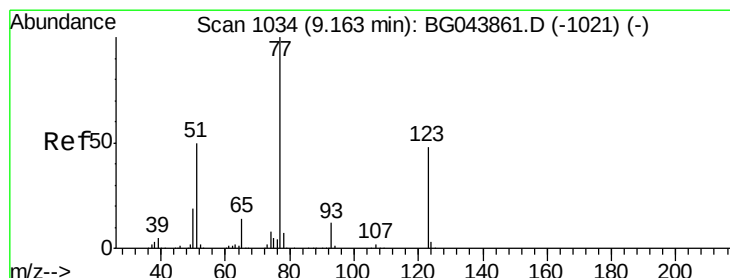
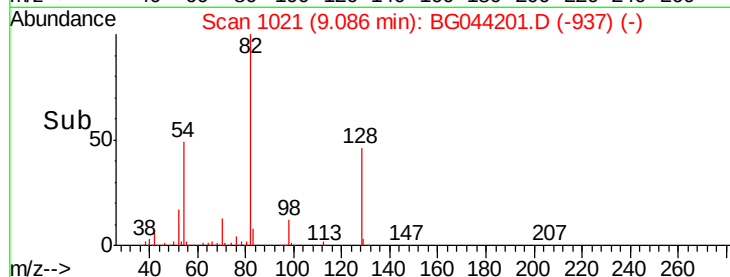
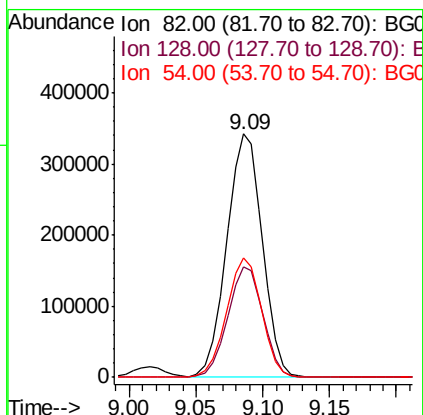
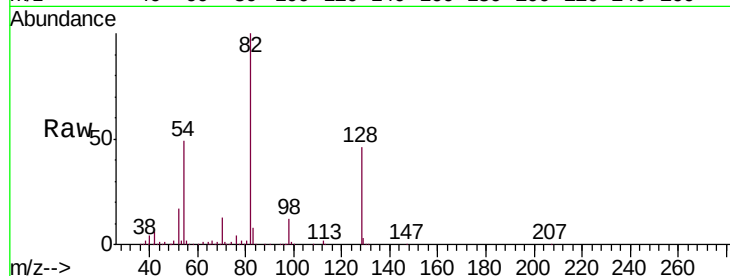




#23
 Nitrobenzene-d5
 Concen: 86.860 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

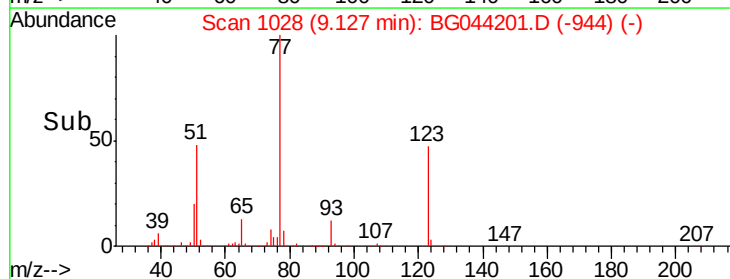
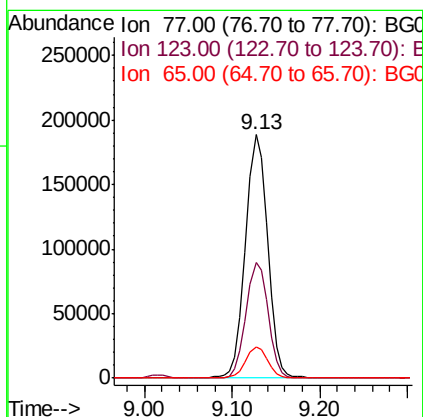
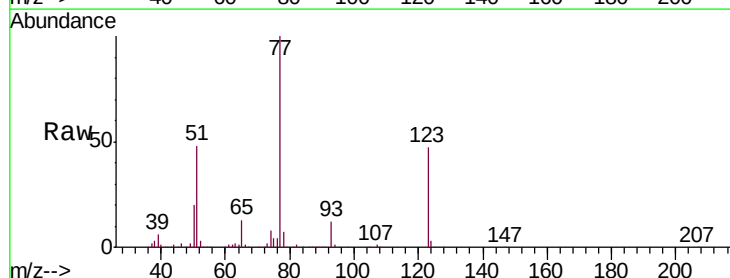
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

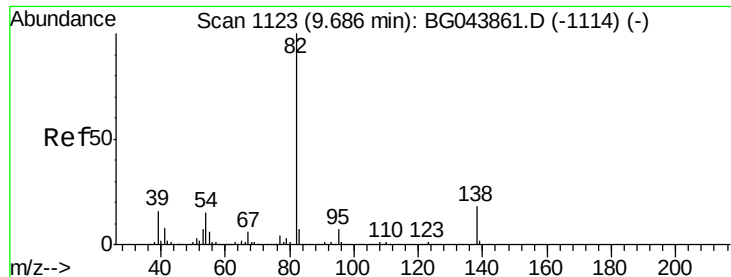
Tgt Ion: 82 Resp: 634683
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.1 52.7
 54 49.0 40.1 60.1



#24
 Nitrobenzene
 Concen: 44.432 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion: 77 Resp: 321555
 Ion Ratio Lower Upper
 77 100
 123 47.4 38.7 58.1
 65 12.8 11.1 16.7

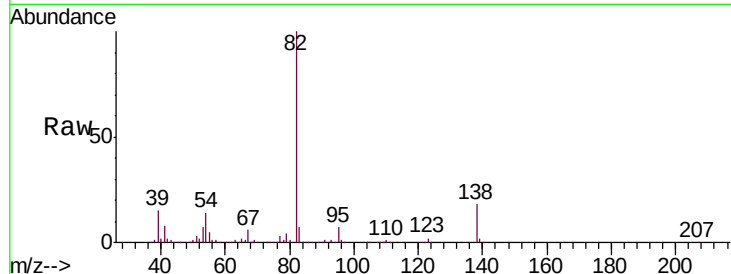




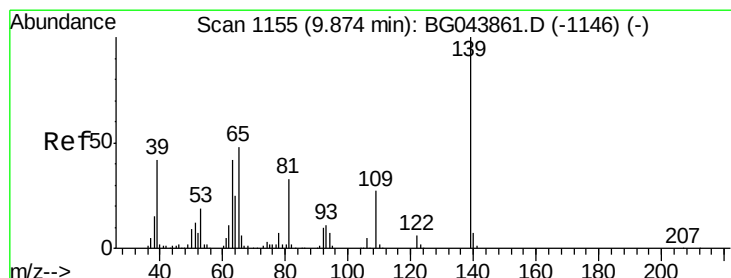
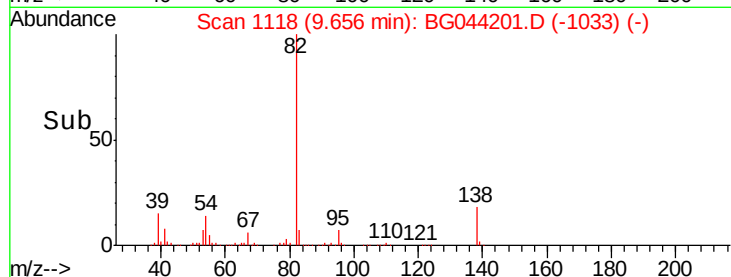
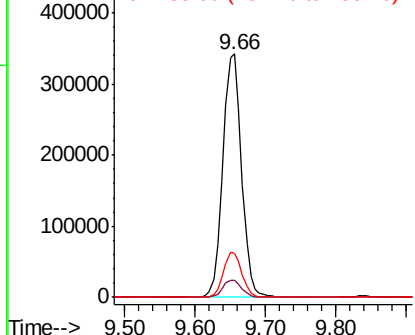
#25
Isophorone
Concen: 45.727 ng
RT: 9.66 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tgt Ion: 82 Resp: 626857
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.6
138 17.8 14.6 22.0

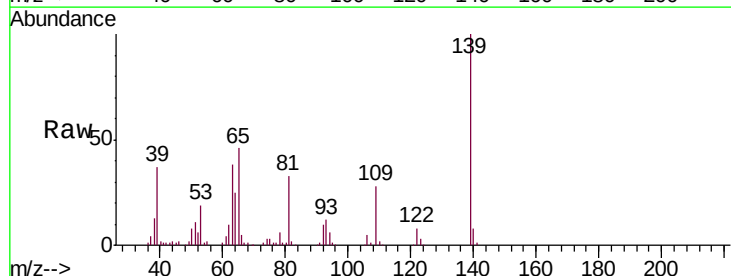


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

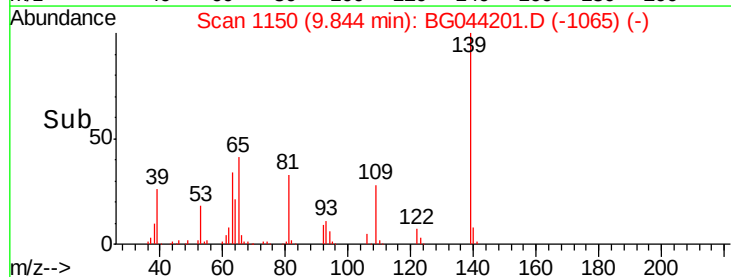
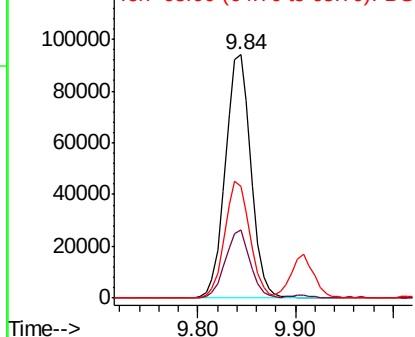


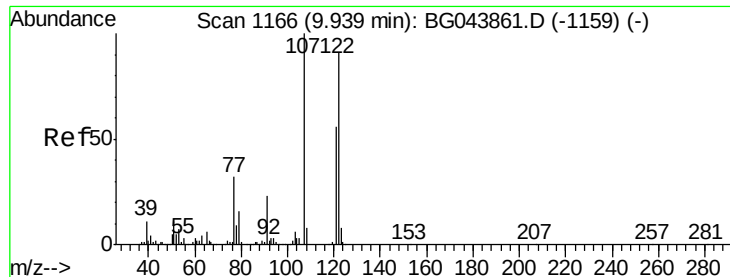
#26
2-Nitrophenol
Concen: 49.783 ng
RT: 9.84 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion: 139 Resp: 170455
Ion Ratio Lower Upper
139 100
109 28.1 21.3 31.9
65 45.9 38.6 57.8



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

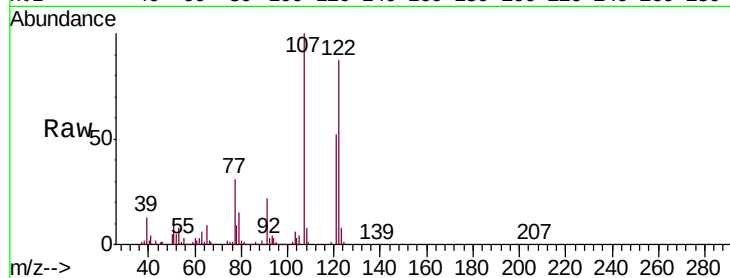




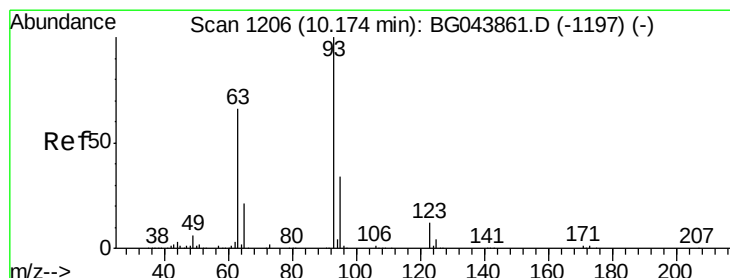
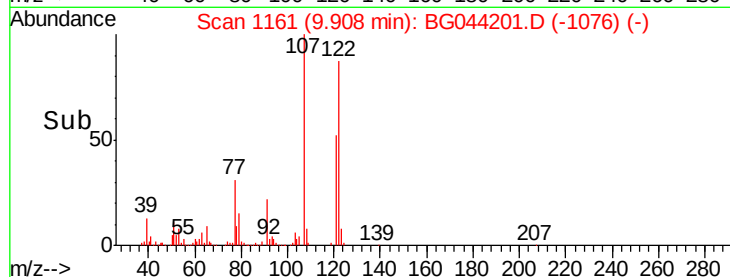
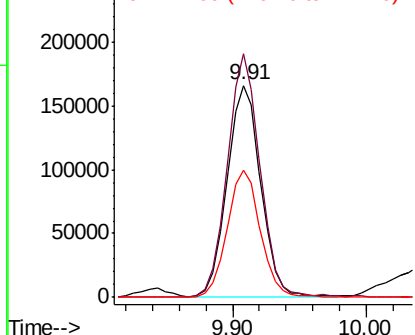
#27
 2,4-Dimethylphenol
 Concen: 56.178 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.8	88.0	132.0
121	60.1	49.0	73.4

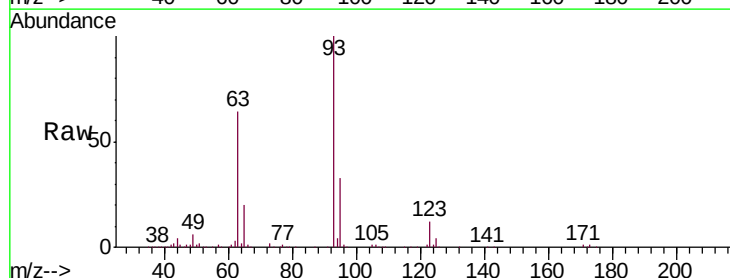


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

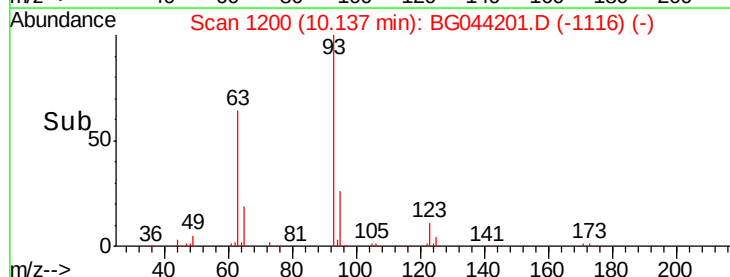
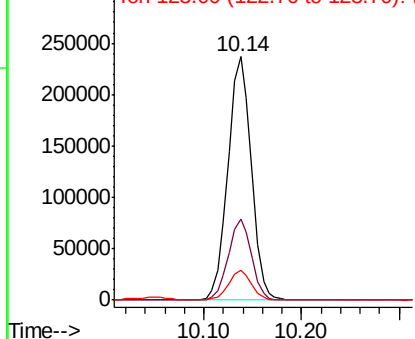


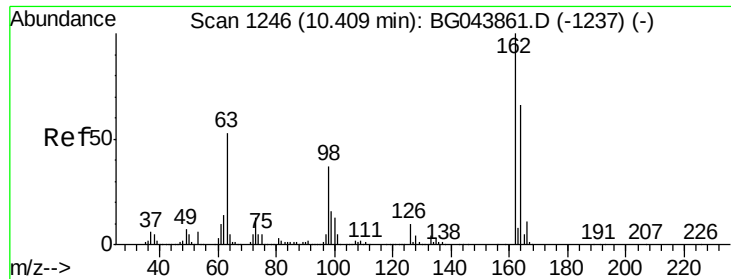
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.918 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	27.2	40.8
123	12.2	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

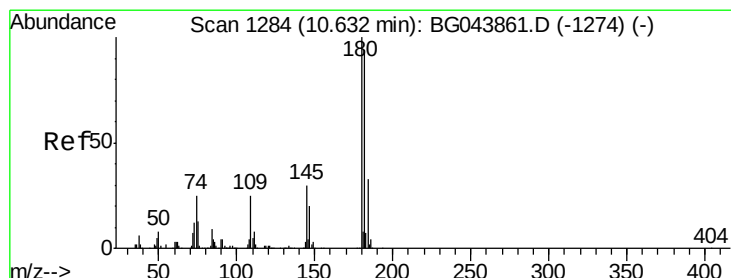
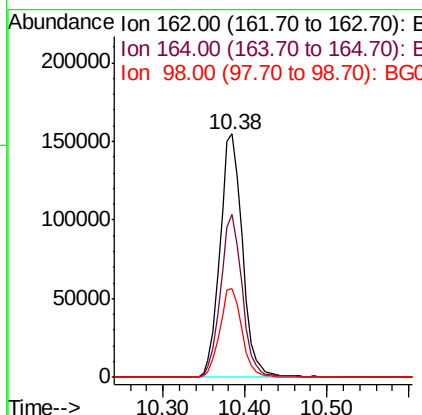
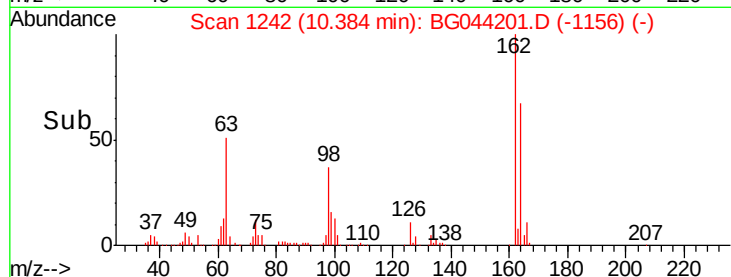
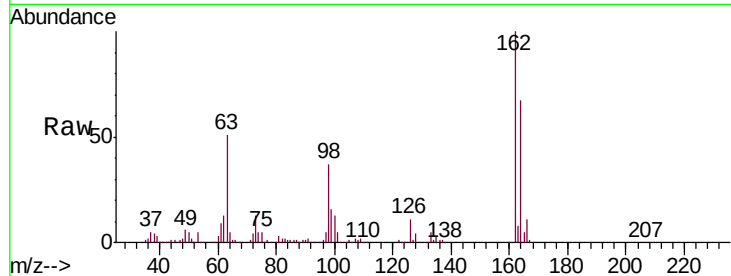




#29
 2,4-Dichlorophenol
 Concen: 48.347 ng
 RT: 10.38 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

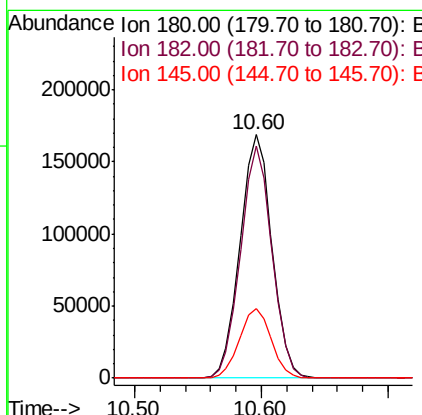
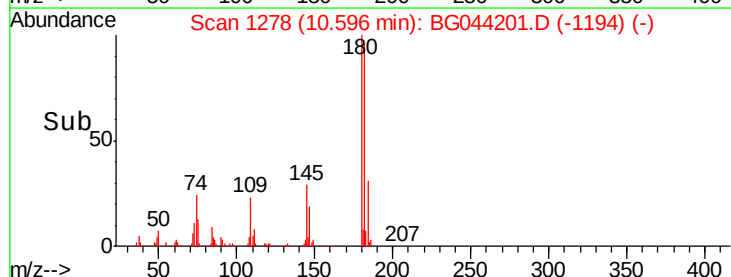
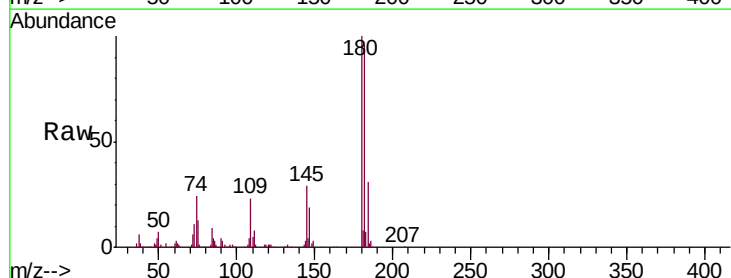
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

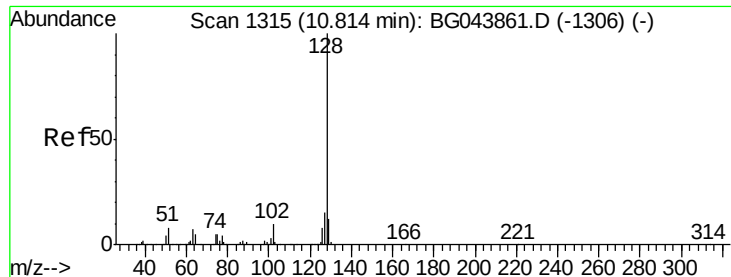
Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.7	46.3	86.3
98	36.6	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 42.651 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.4
145	28.7	24.2	36.4

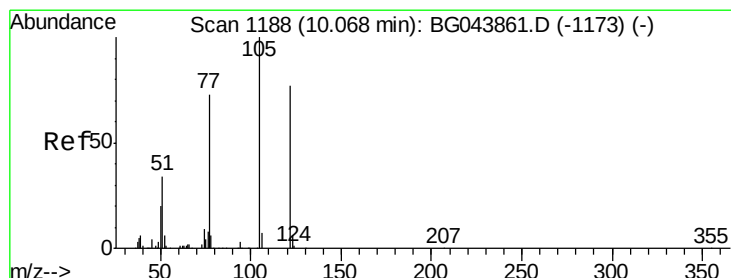
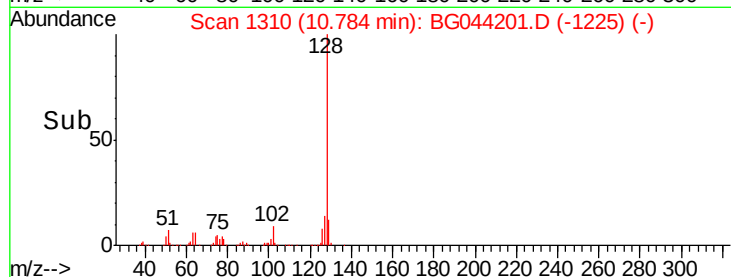
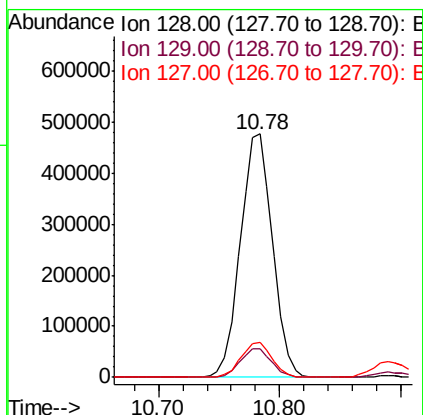
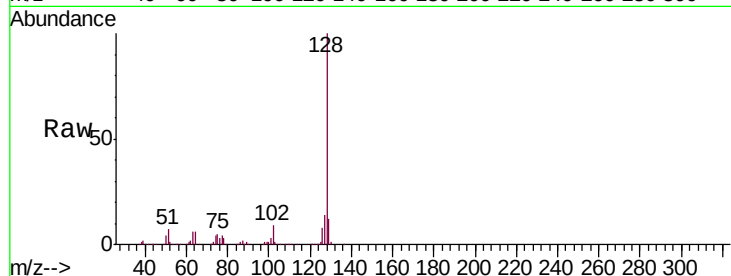




#31
Naphthalene
Concen: 46.610 ng
RT: 10.78 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

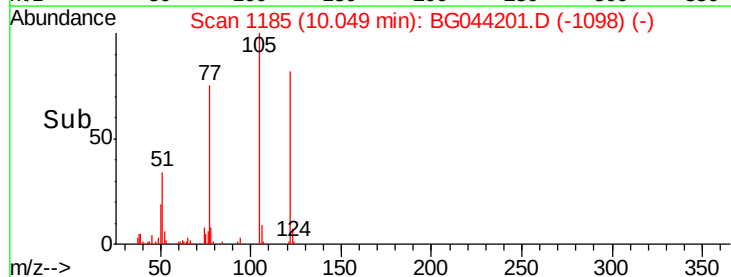
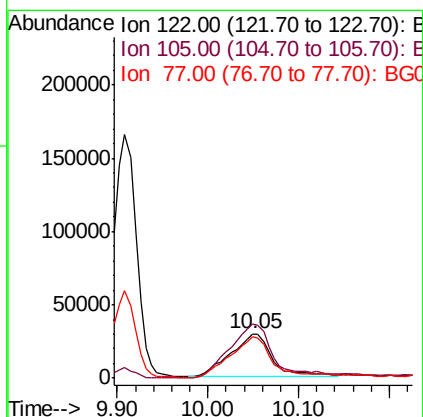
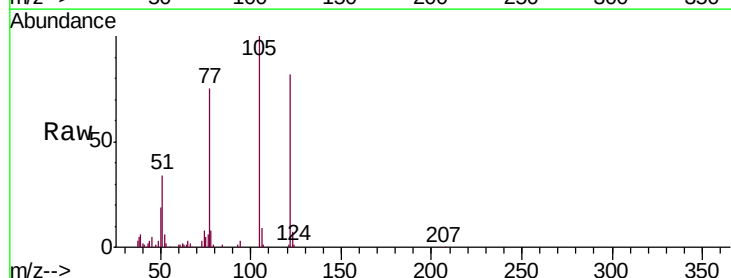
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

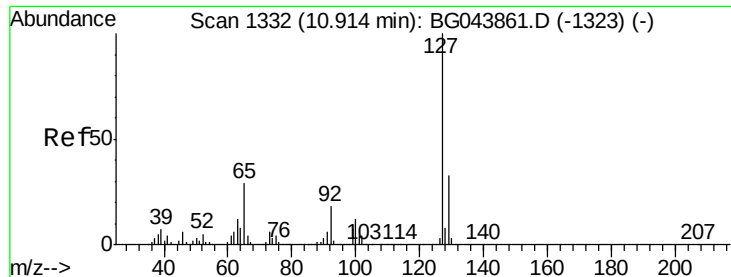
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.2	12.0	18.0



#32
Benzoic acid
Concen: 25.692 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.8	106.4	146.4
77	91.9	74.6	114.6

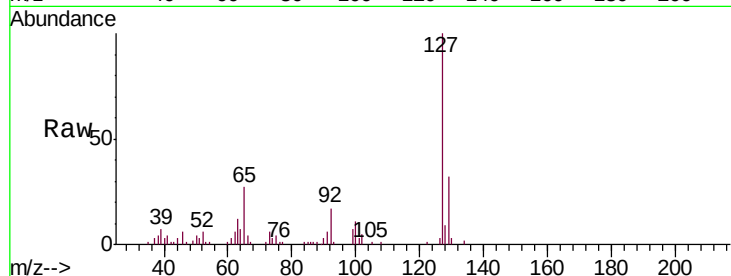




#33
4-Chloroaniline
Concen: 7.647 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tgt Ion:	127	Resp:	68993
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	40.0
65	26.8	23.3	34.9
92	16.9	14.7	22.1



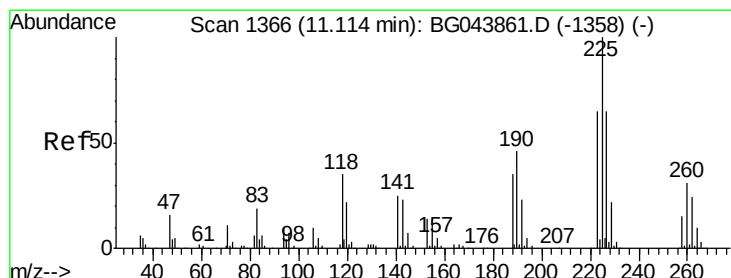
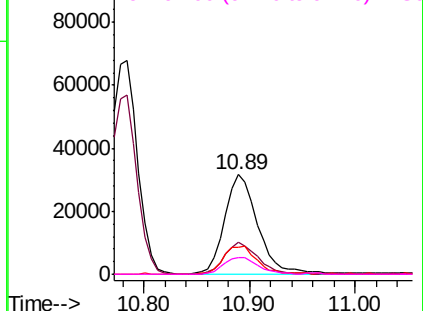
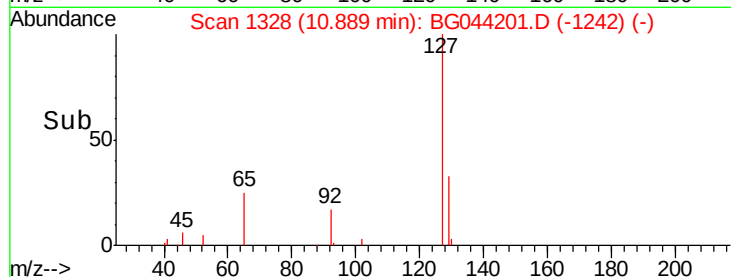
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

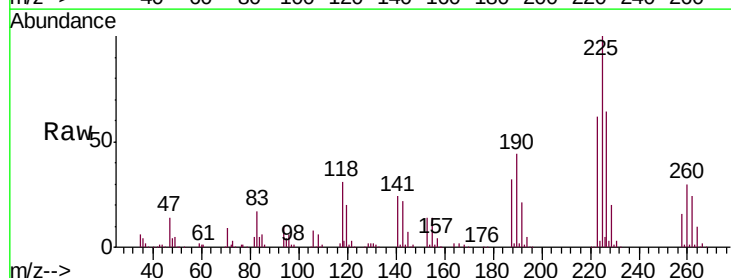
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 40.529 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.04 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:	225	Resp:	170578
Ion	Ratio	Lower	Upper
225	100		
223	62.0	52.2	78.4
227	64.5	52.1	78.1

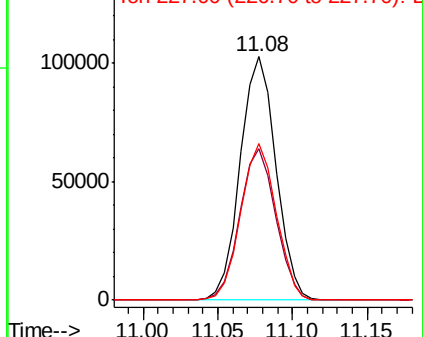
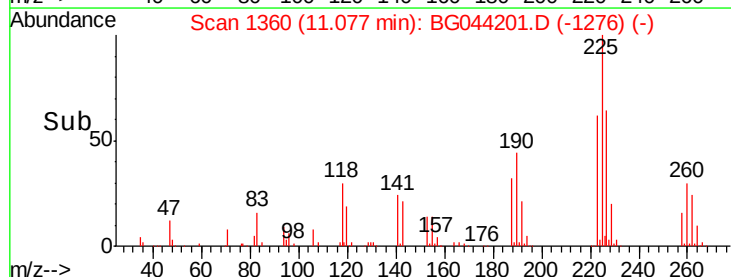


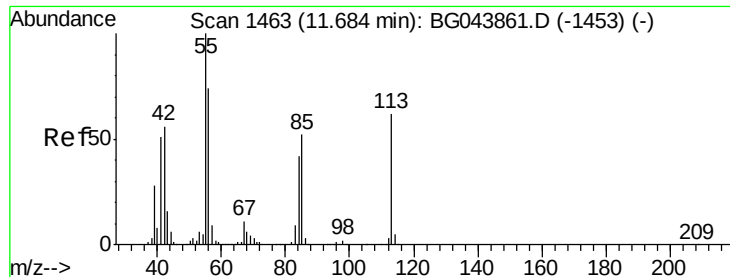
Abundance

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: 27.547 ng

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

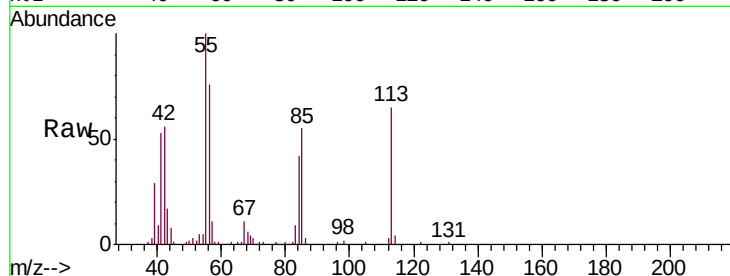
Tgt Ion:113 Resp: 63045

Ion Ratio Lower Upper

113 100

55 153.6 142.5 182.5

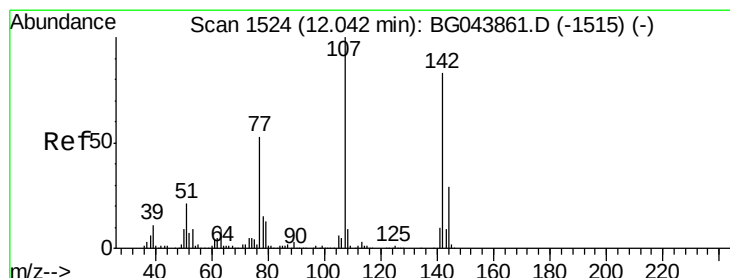
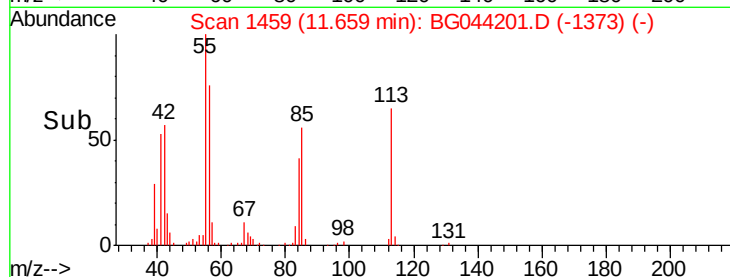
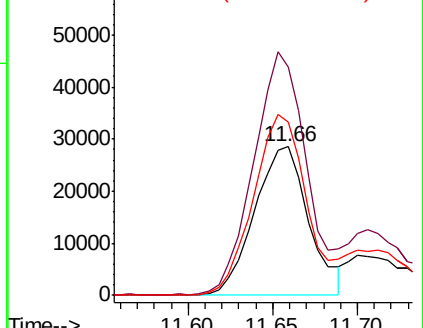
56 116.6 101.4 141.4



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: 49.187 ng

RT: 12.02 min Scan# 1521

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

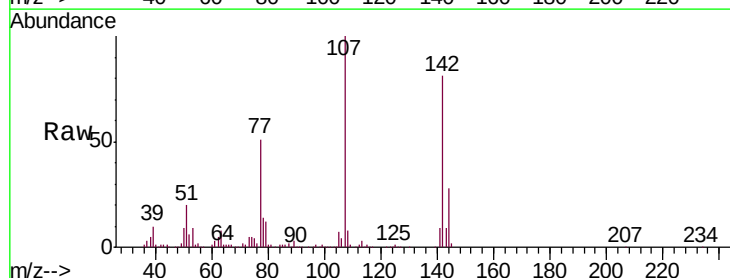
Tgt Ion:107 Resp: 321916

Ion Ratio Lower Upper

107 100

144 27.5 23.4 35.2

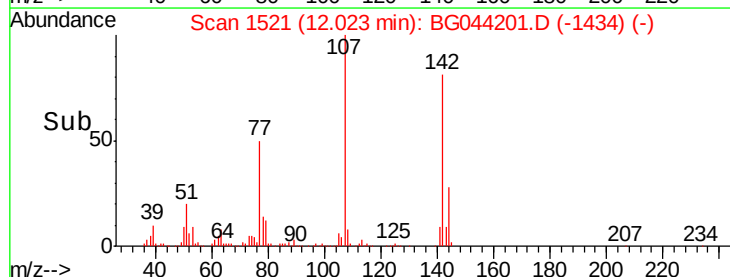
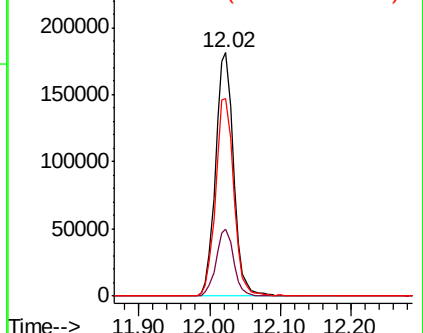
142 81.1 66.3 99.5

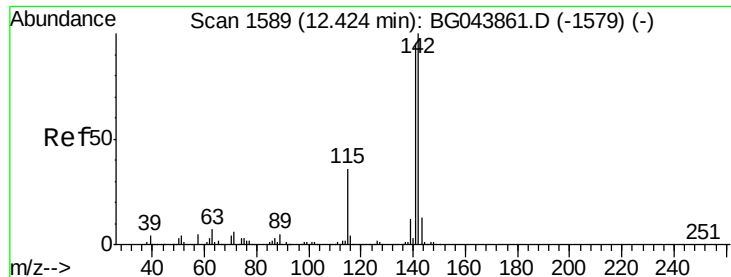


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

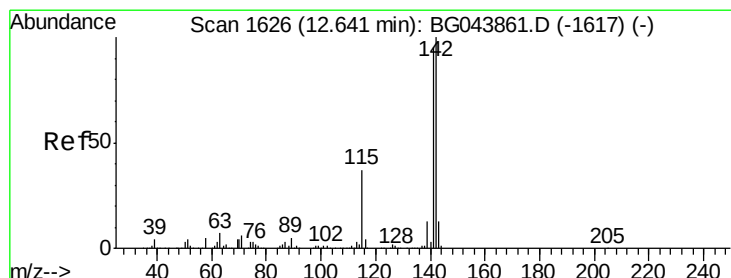
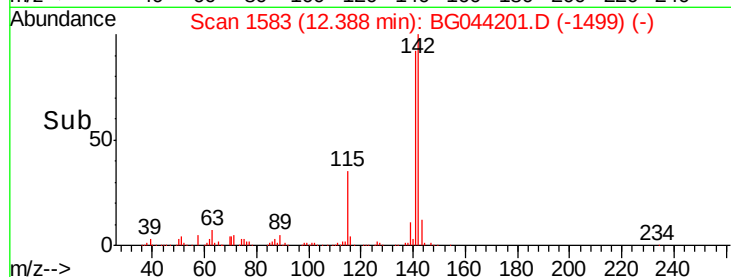
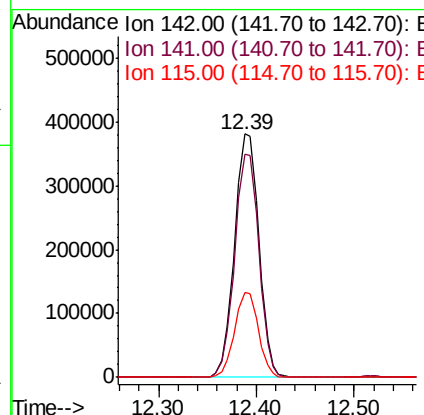
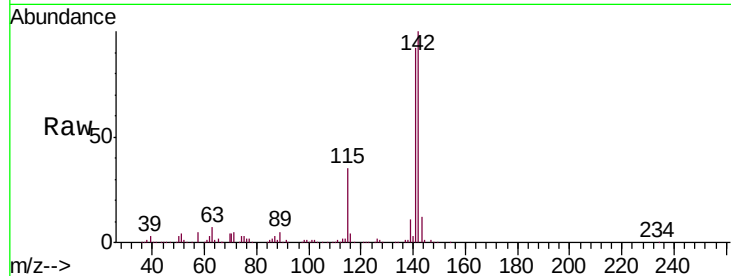




#37
 2-Methylnaphthalene
 Concen: 46.454 ng
 RT: 12.39 min Scan# 1583
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

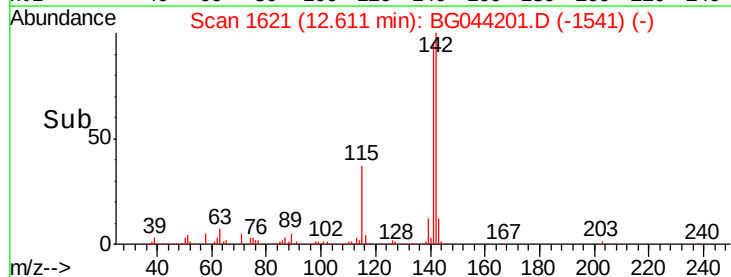
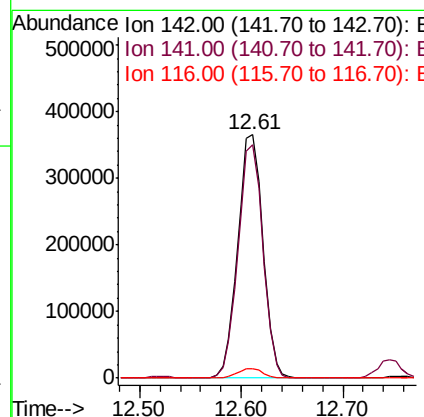
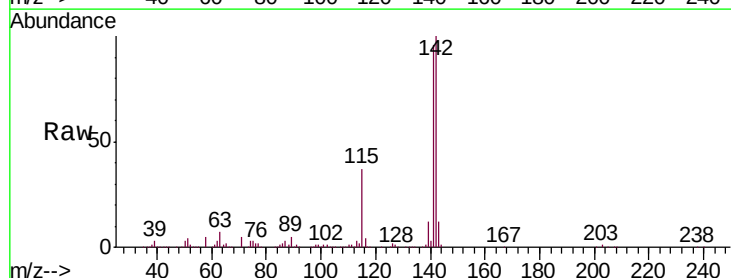
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

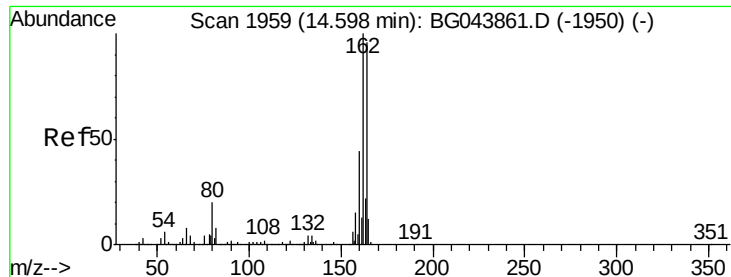
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.8
115	35.0	28.6	42.8



#38
 1-Methylnaphthalene
 Concen: 46.757 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	76.0	114.0
116	3.9	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: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

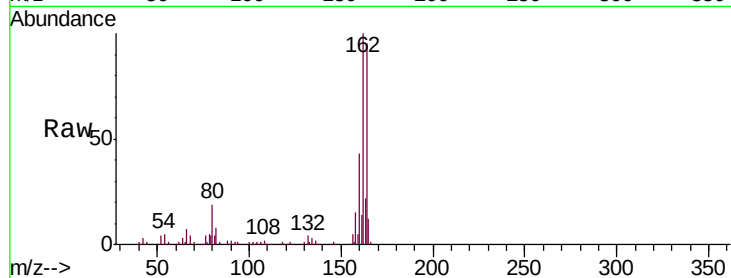
Tgt Ion:164 Resp: 250553

Ion Ratio Lower Upper

164 100

162 105.3 83.0 124.4

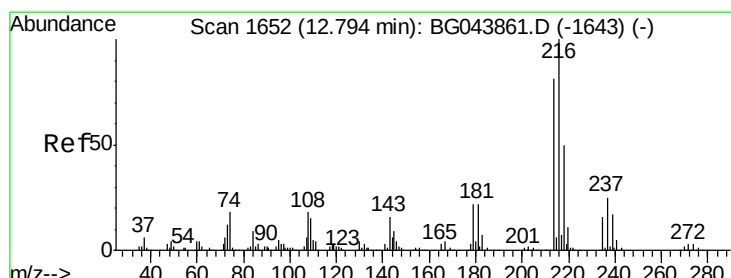
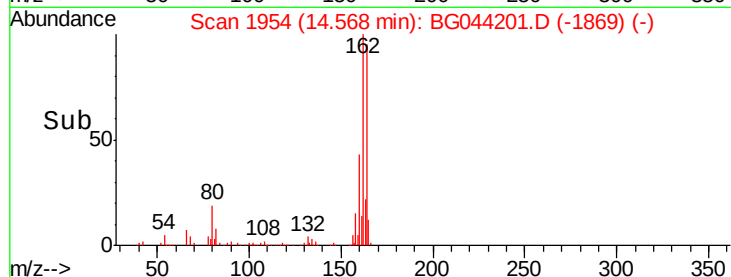
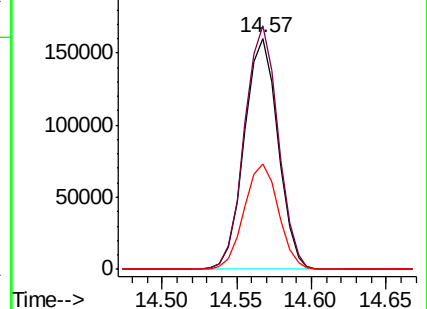
160 45.5 36.1 54.1



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: 43.434 ng

RT: 12.76 min Scan# 1647

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Tgt Ion:216 Resp: 318965

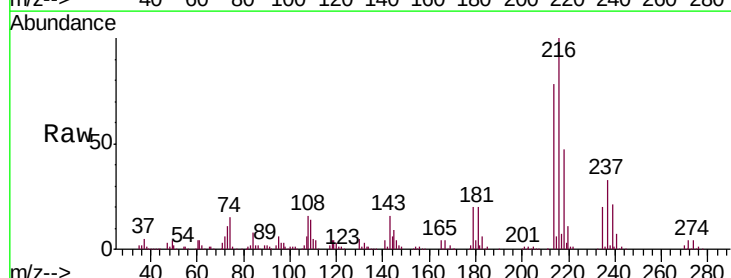
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.8

179 21.5 17.3 25.9

108 20.1 15.3 22.9

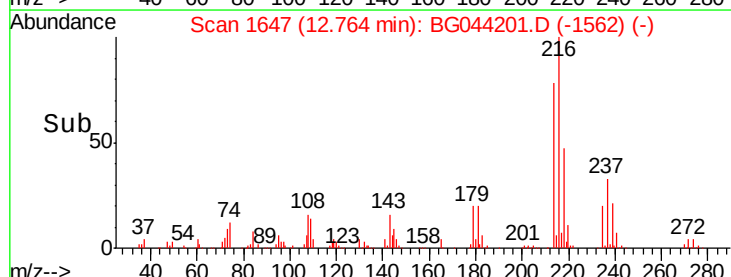
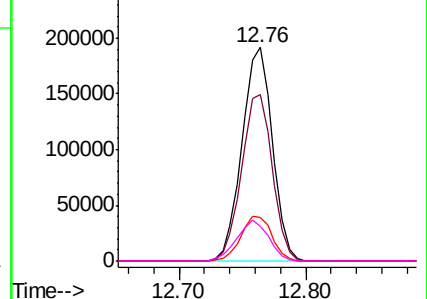


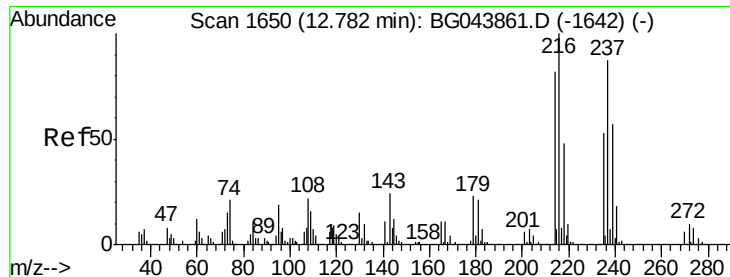
Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.866 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

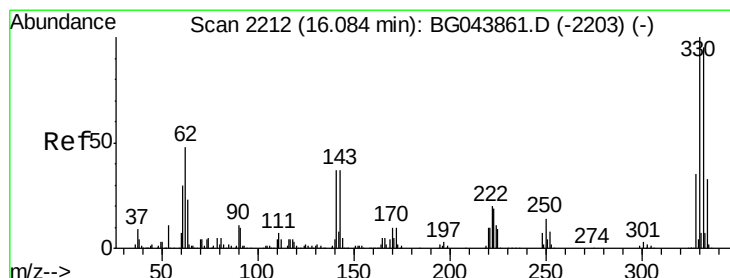
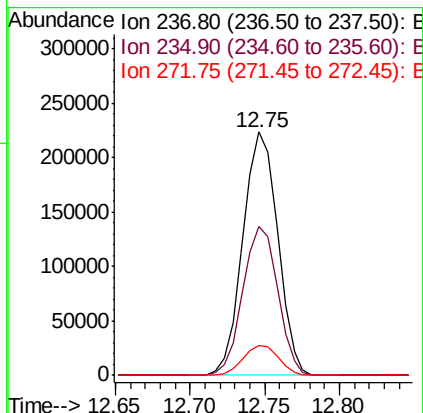
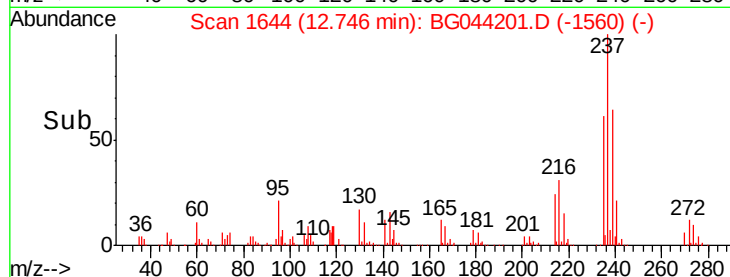
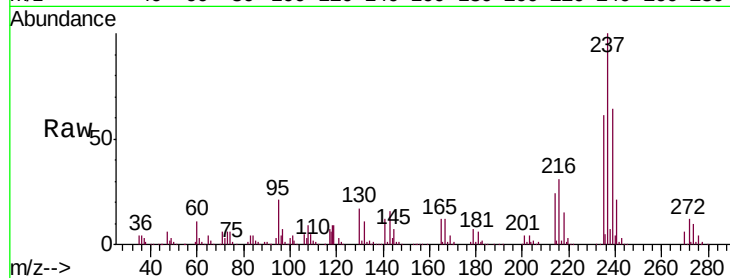
Tgt Ion: 237 Resp: 361180

Ion Ratio Lower Upper

237 100

235 61.3 41.1 81.1

272 12.2 0.0 31.7



#42

2,4,6-Tribromophenol

Concen: 140.998 ng

RT: 16.05 min Scan# 2207

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

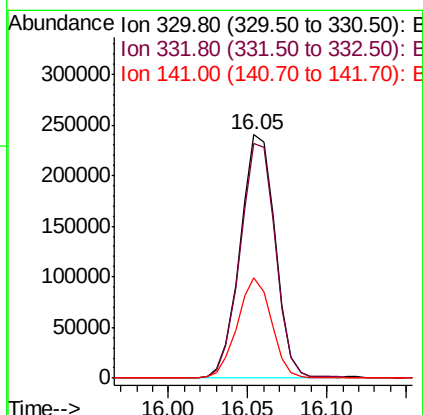
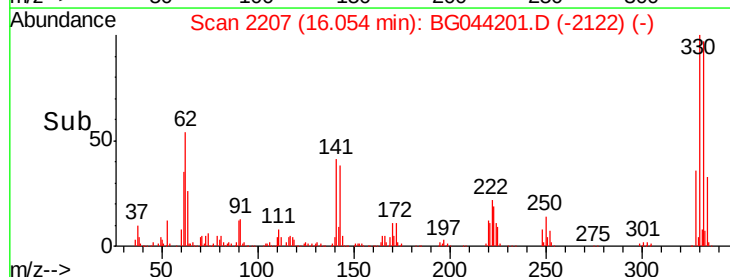
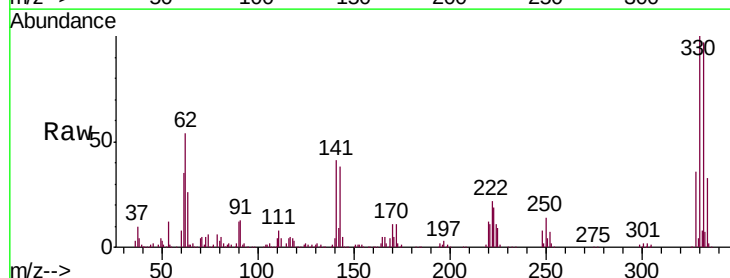
Tgt Ion: 330 Resp: 369695

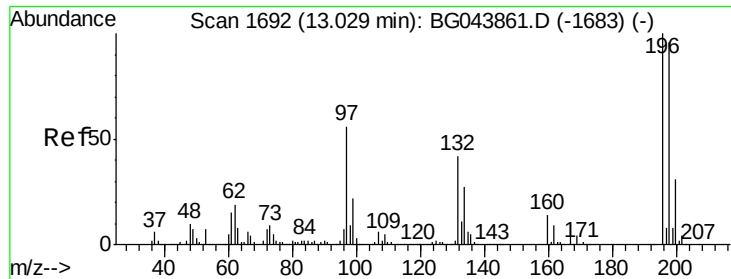
Ion Ratio Lower Upper

330 100

332 97.6 77.2 115.8

141 40.1 33.1 49.7

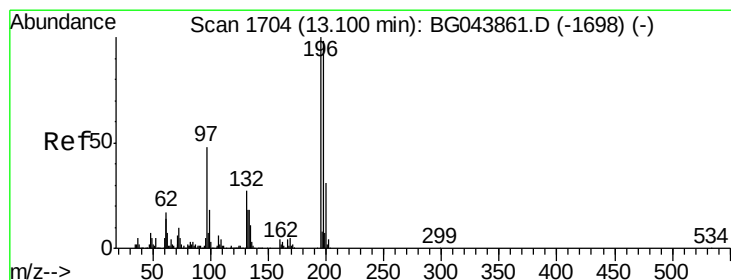
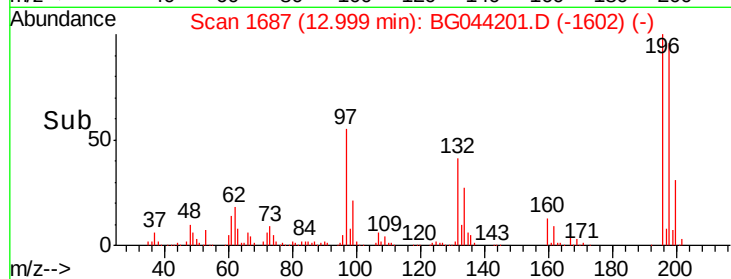
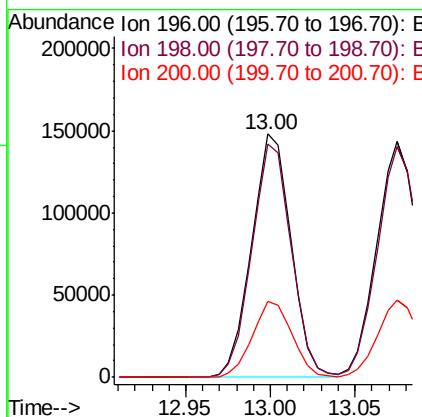
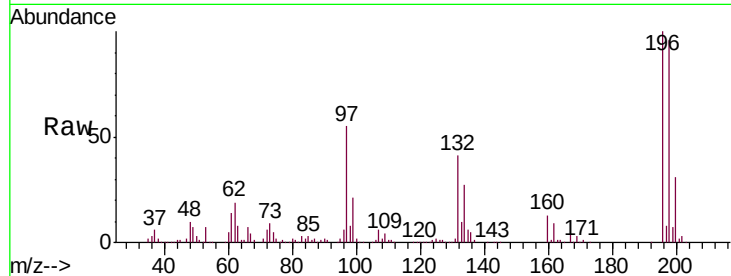




#43
 2,4,6-Trichlorophenol
 Concen: 47.608 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

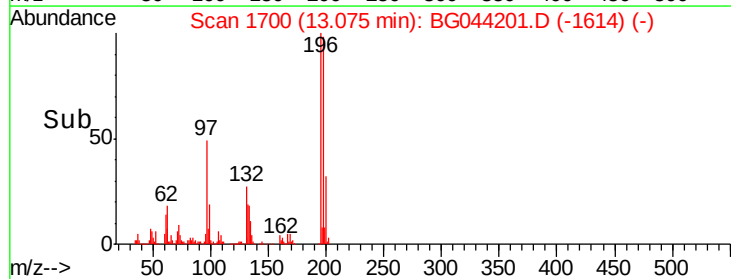
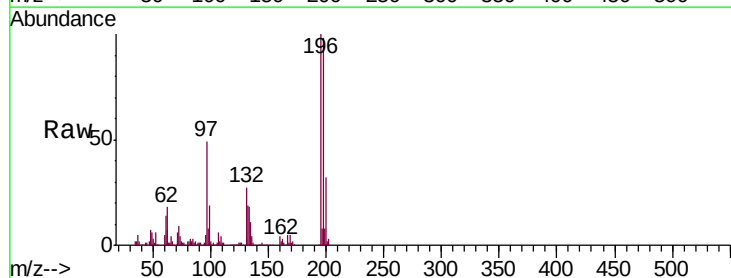
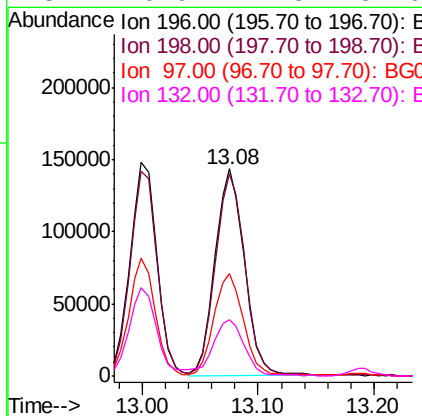
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

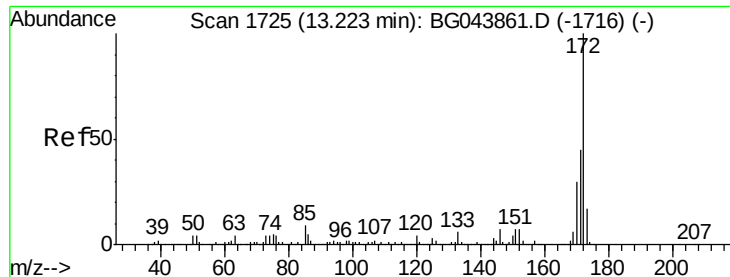
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	76.6	115.0
200	31.1	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 48.366 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	78.3	117.5
97	49.3	38.8	58.2
132	26.9	21.3	31.9

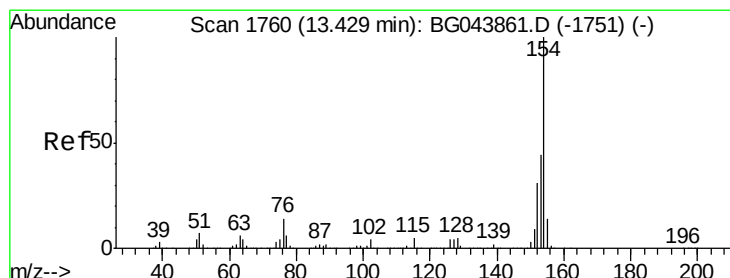
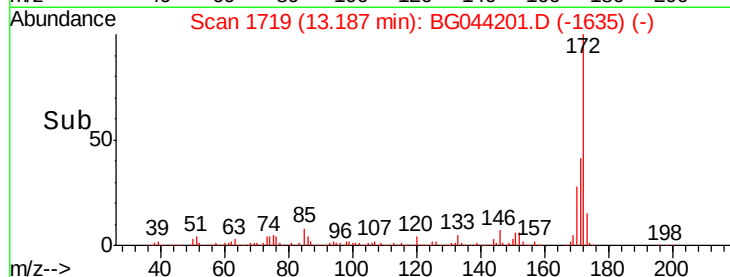
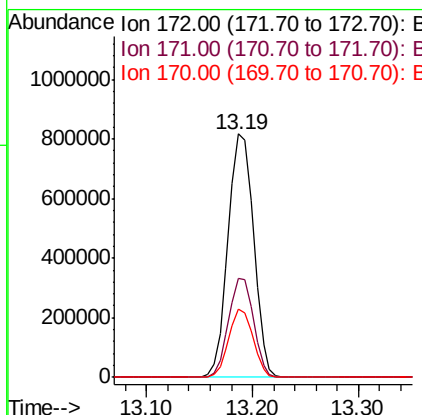
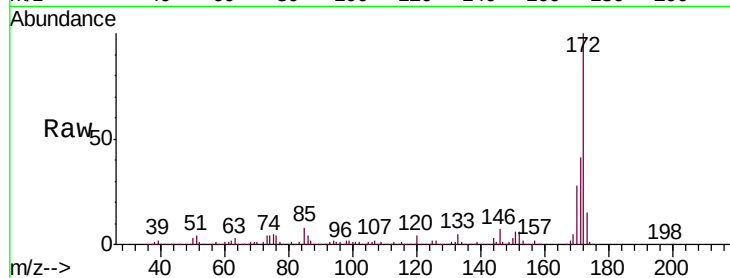




#45
 2-Fluorobiphenyl
 Concen: 98.806 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.04 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

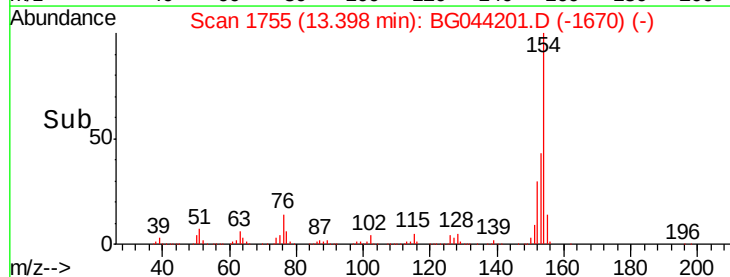
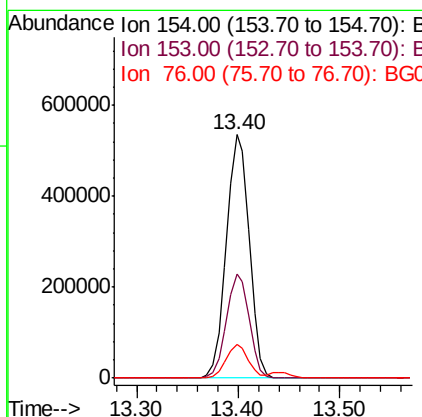
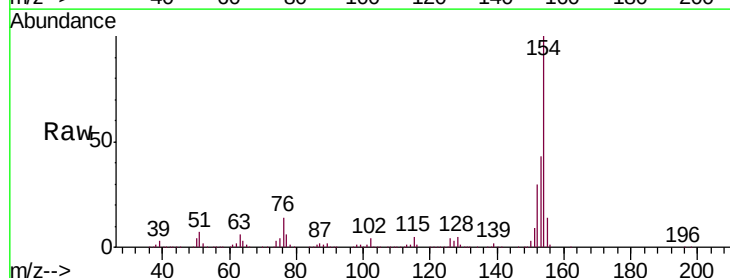
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

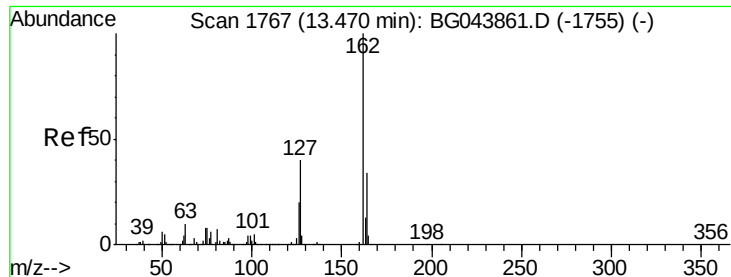
Tgt Ion:172 Resp: 1366412
 Ion Ratio Lower Upper
 172 100
 171 40.6 35.8 53.8
 170 28.1 24.2 36.4



#46
 1,1'-Biphenyl
 Concen: 46.583 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion:154 Resp: 836821
 Ion Ratio Lower Upper
 154 100
 153 42.9 23.6 63.6
 76 13.9 0.0 34.4

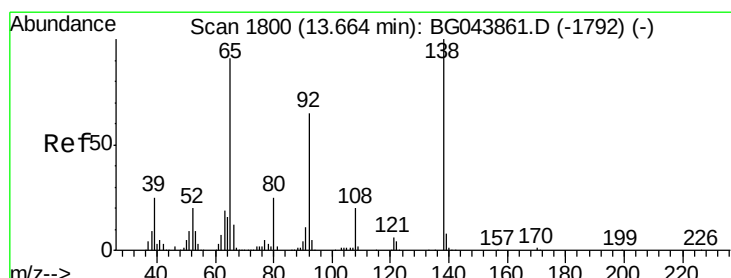
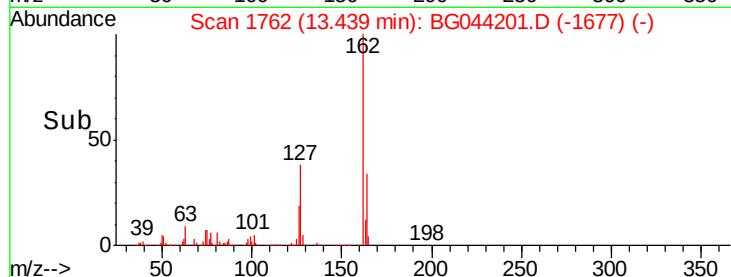
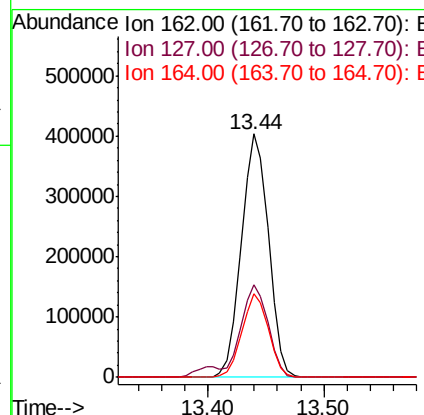
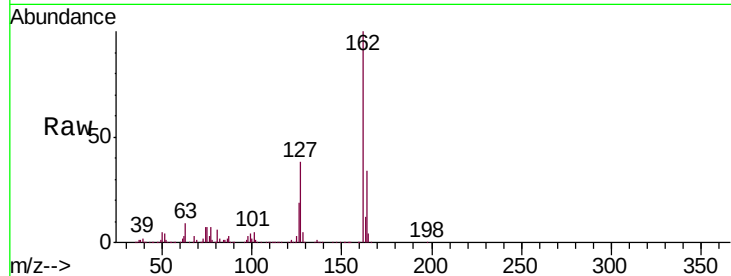




#47
 2-Chloronaphthalene
 Concen: 45.116 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

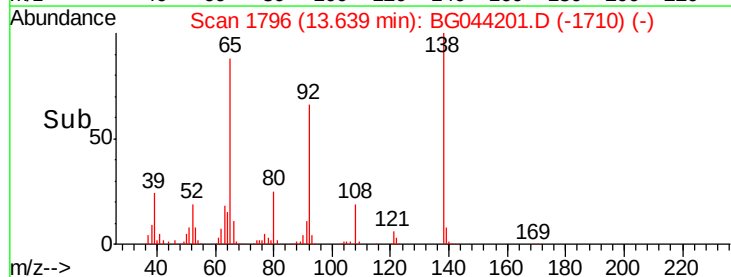
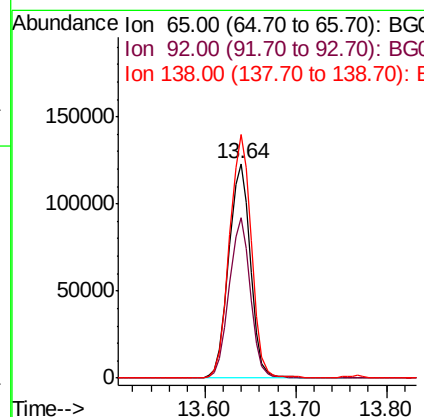
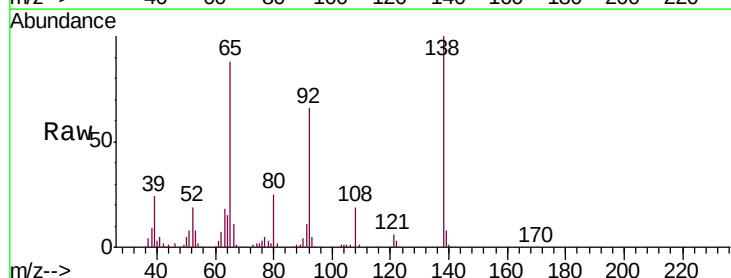
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

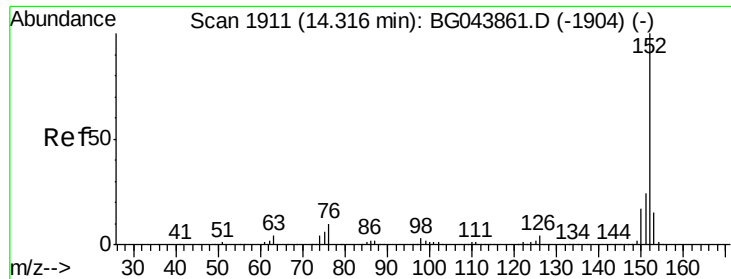
Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	32.1	48.1
164	34.3	27.5	41.3



#48
 2-Nitroaniline
 Concen: 44.024 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	57.4	86.2
138	113.6	88.2	132.4





#49

Acenaphthylene

Concen: 49.842 ng

RT: 14.29 min Scan# 1906

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

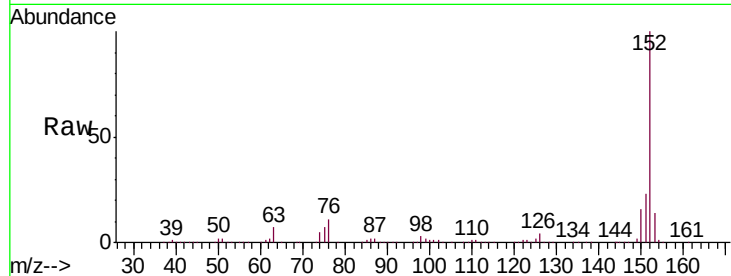
Tgt Ion:152 Resp: 1039923

Ion Ratio Lower Upper

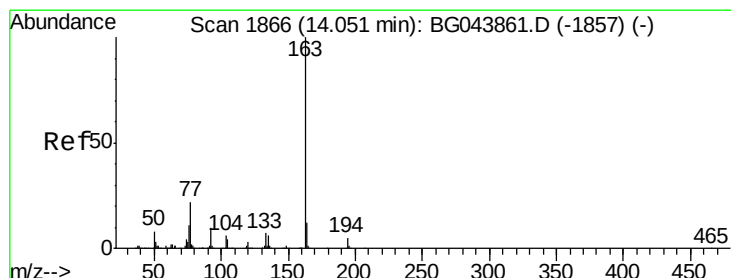
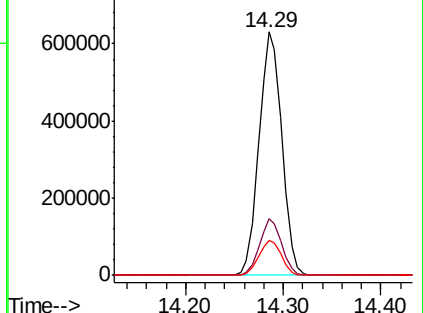
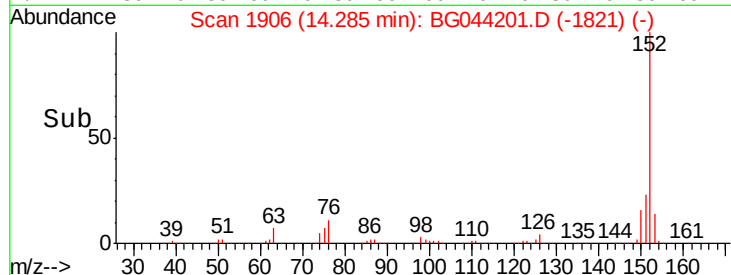
152 100

151 23.2 19.4 29.2

153 14.3 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: 50.626 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

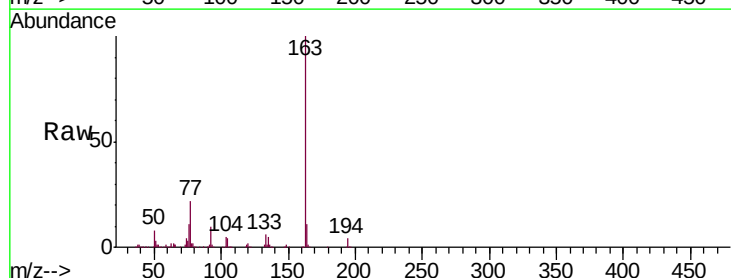
Tgt Ion:163 Resp: 900645

Ion Ratio Lower Upper

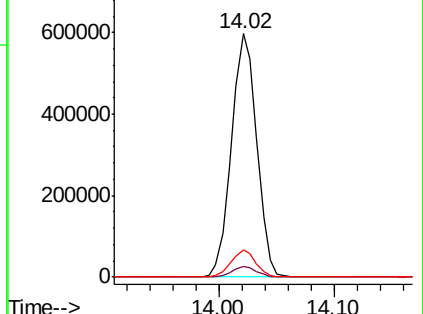
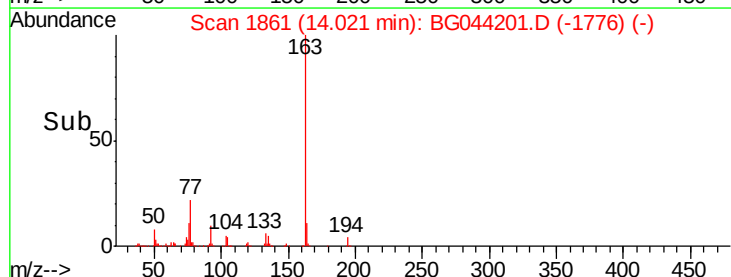
163 100

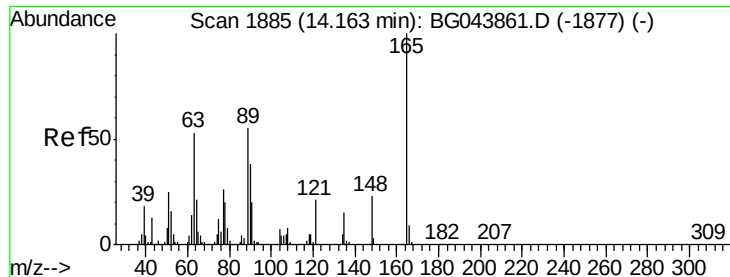
194 4.2 3.7 5.5

164 11.2 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: 47.422 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

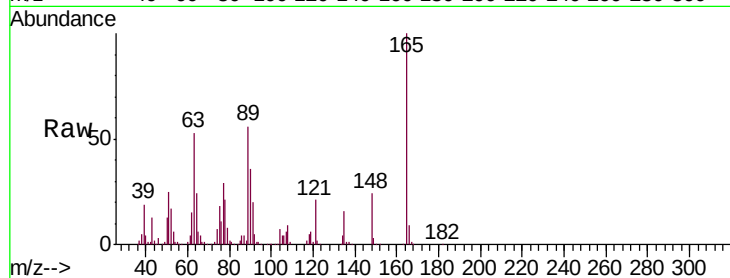
Tgt Ion:165 Resp: 190684

Ion Ratio Lower Upper

165 100

63 53.4 43.1 64.7

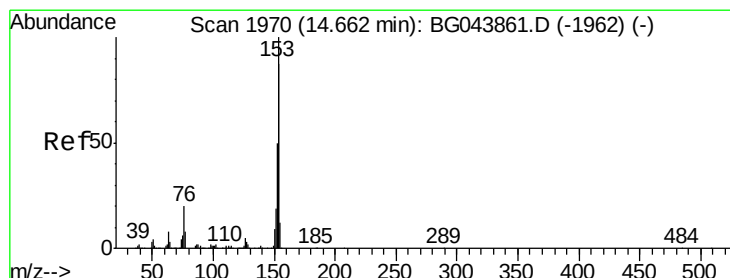
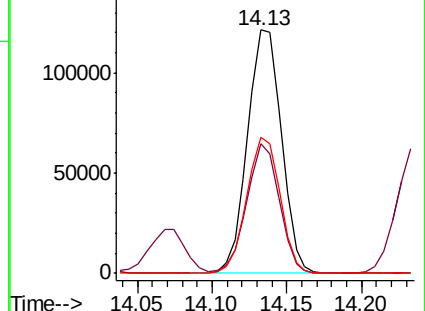
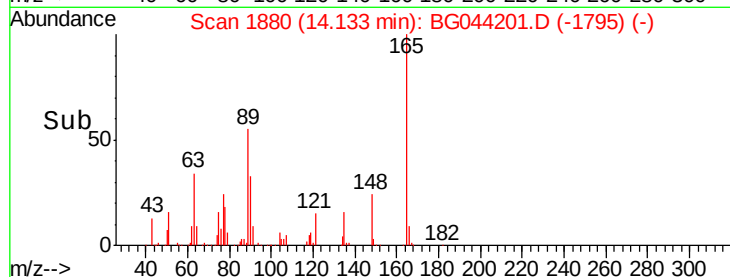
89 55.8 43.8 65.6



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: 44.838 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

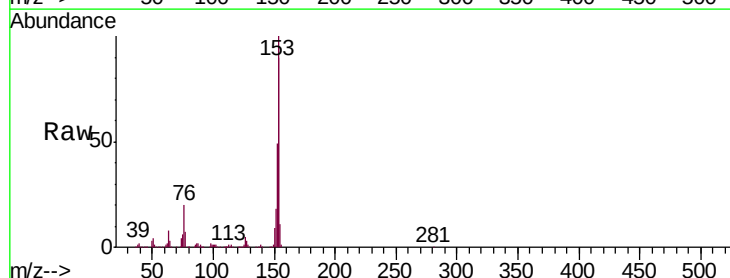
Tgt Ion:154 Resp: 656065

Ion Ratio Lower Upper

154 100

153 111.1 91.6 137.4

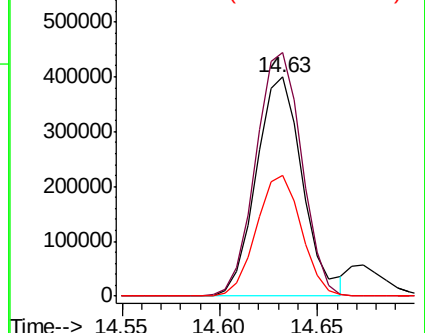
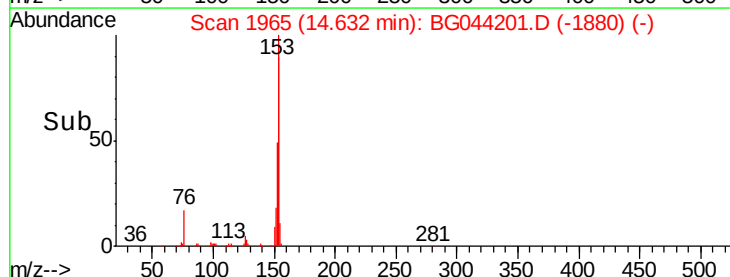
152 54.8 45.4 68.0

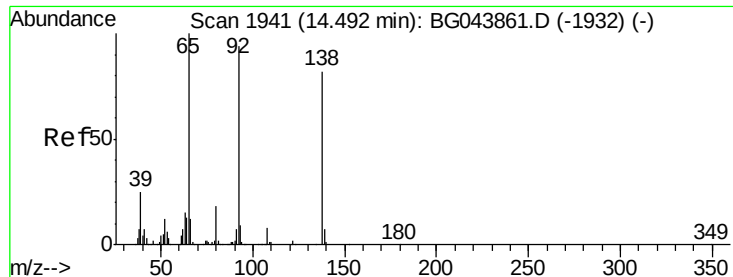


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

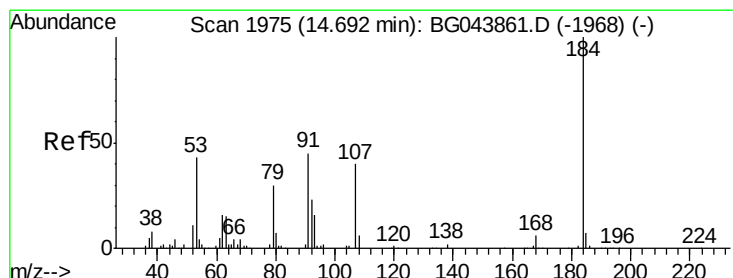
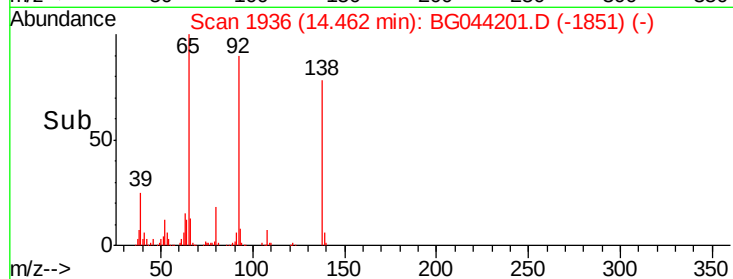
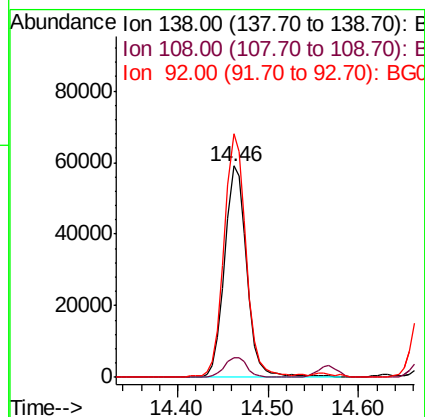
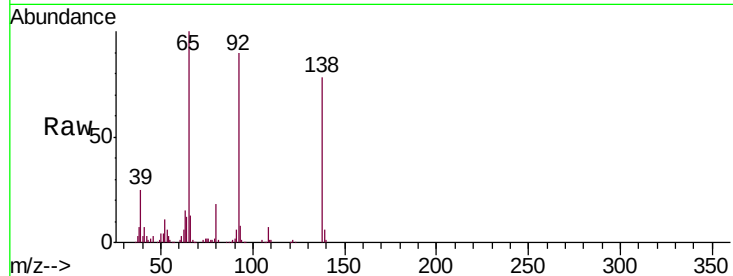




#53
3-Nitroaniline
Concen: 21.964 ng
RT: 14.46 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

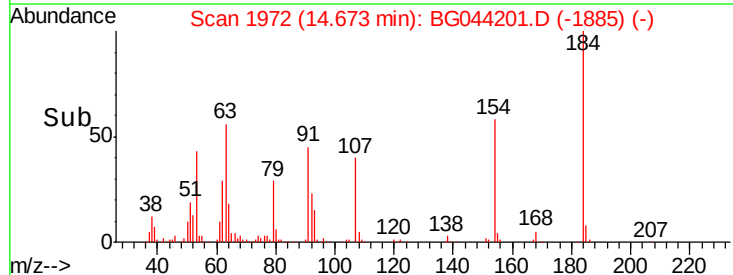
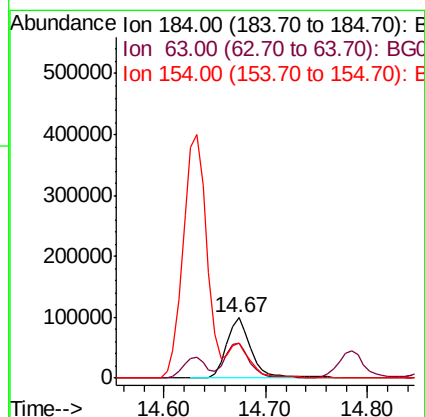
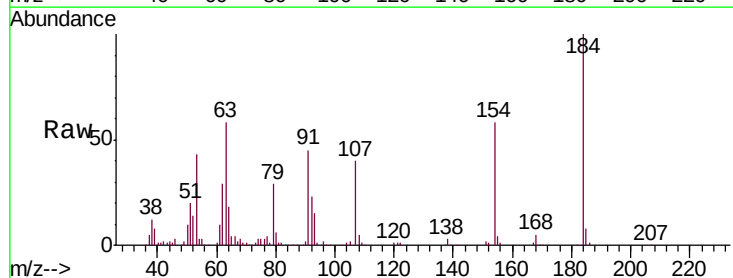
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

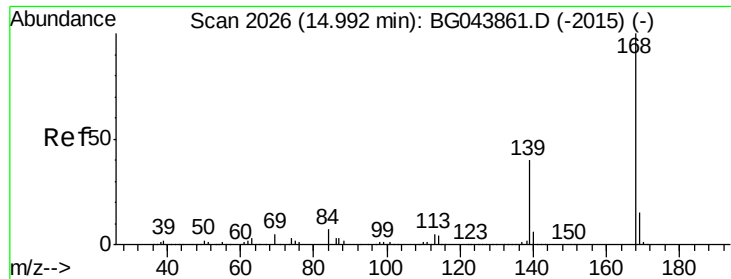
Tgt Ion:138 Resp: 100292
Ion Ratio Lower Upper
138 100
108 9.6 7.4 11.2
92 115.3 92.1 138.1



#54
2,4-Dinitrophenol
Concen: 81.770 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:184 Resp: 167773
Ion Ratio Lower Upper
184 100
63 57.8 46.6 70.0
154 57.7 50.2 75.4

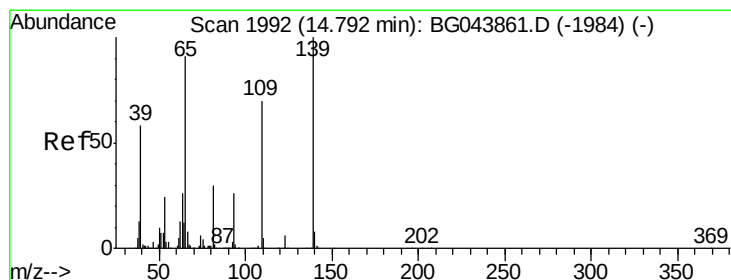
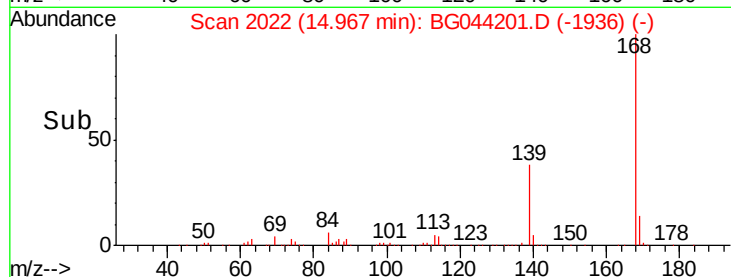
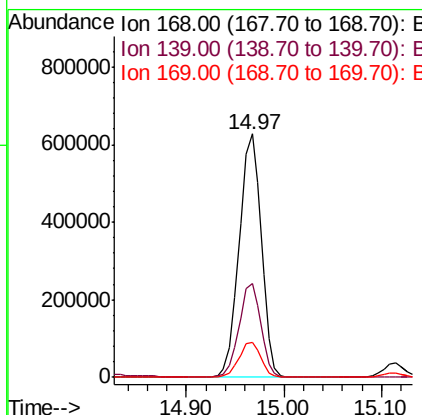
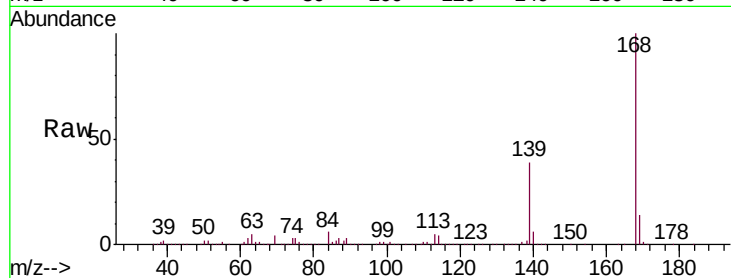




#55
Dibenzenofuran
Concen: 49.194 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

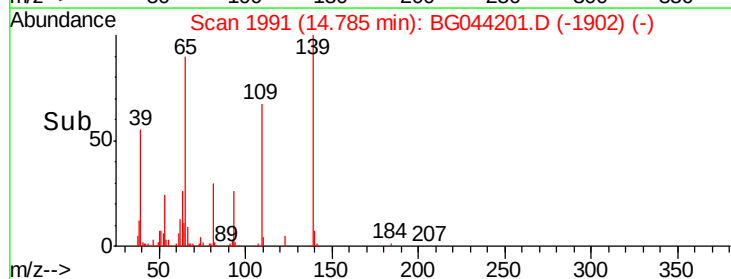
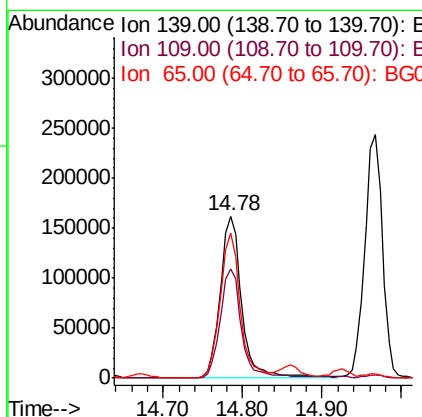
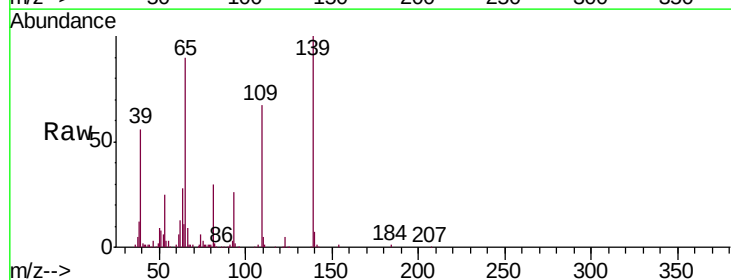
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

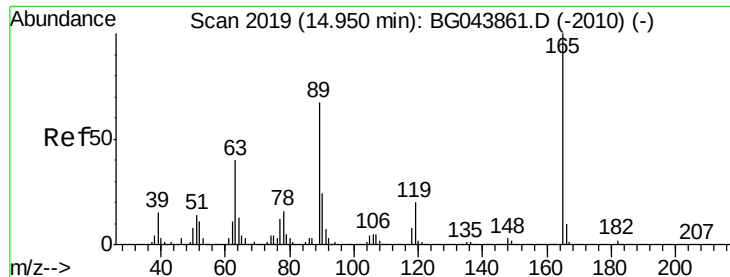
Tgt Ion:168 Resp: 990884
Ion Ratio Lower Upper
168 100
139 38.8 32.2 48.2
169 14.2 12.2 18.2



#56
4-Nitrophenol
Concen: 87.423 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:139 Resp: 305903
Ion Ratio Lower Upper
139 100
109 67.5 50.4 90.4
65 89.9 71.4 111.4

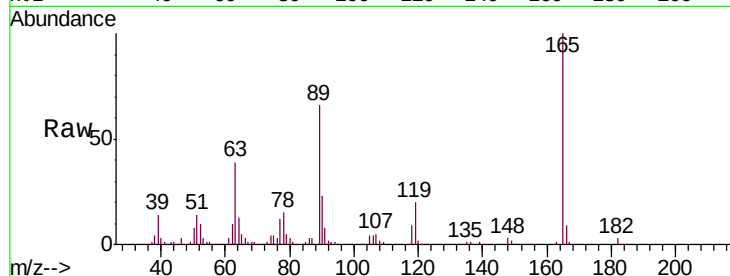




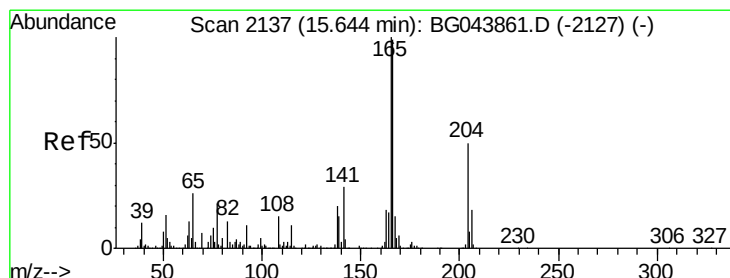
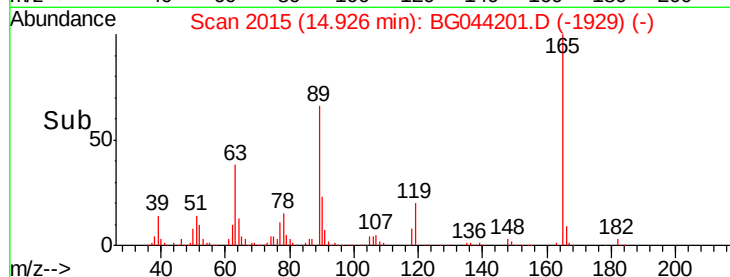
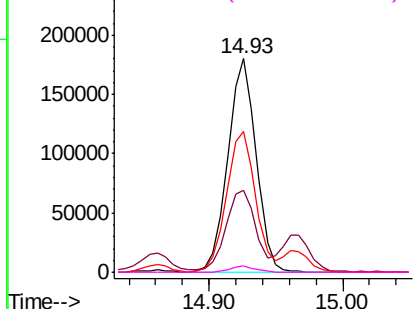
#57
2,4-Dinitrotoluene
Concen: 48.734 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.5	31.9	47.9
89	66.1	53.8	80.6
182	2.8	2.0	3.0

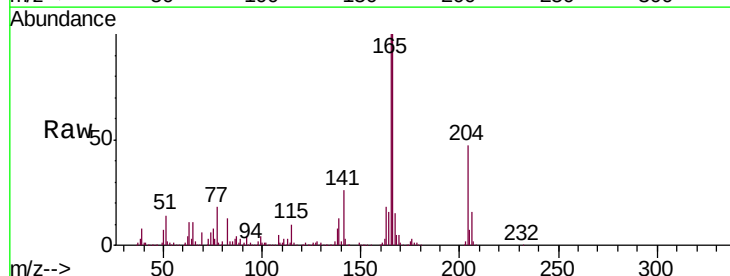


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

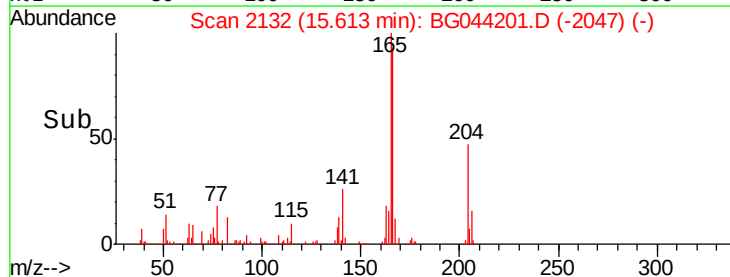
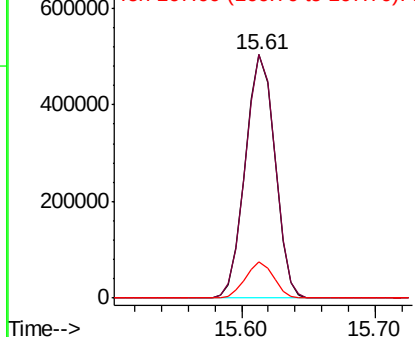


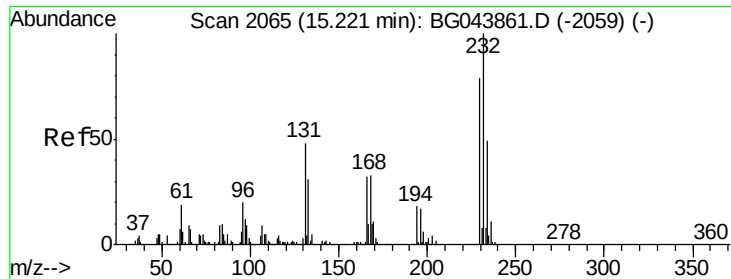
#58
Fluorene
Concen: 48.289 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.8	121.2
167	14.8	12.1	18.1



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

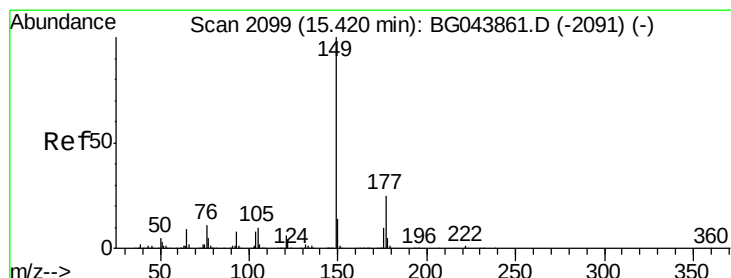
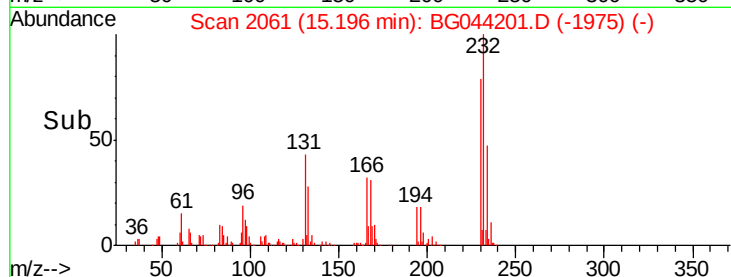
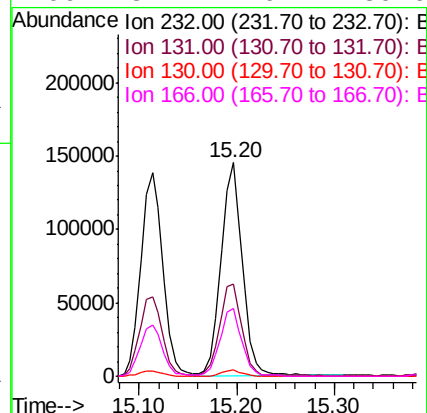
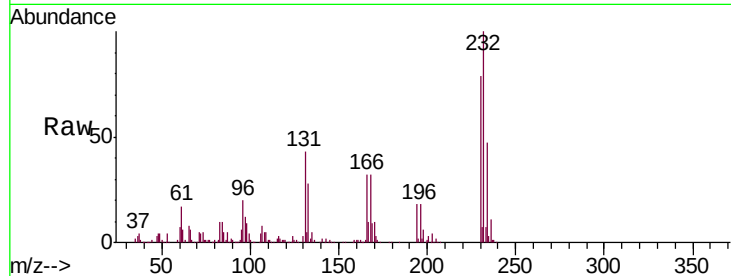




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.405 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.02 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

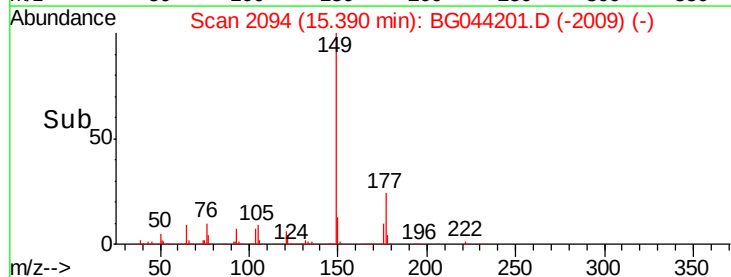
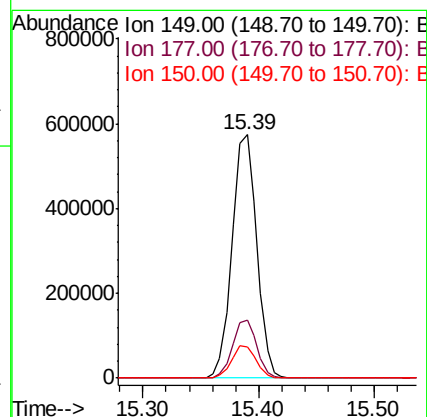
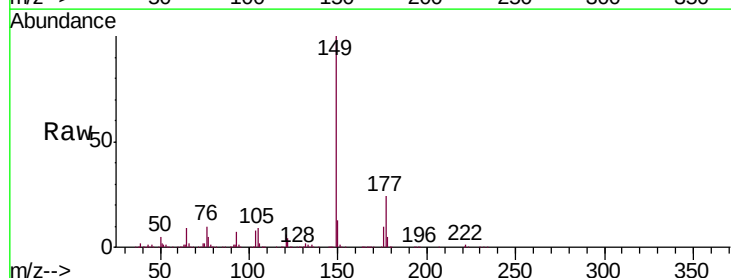
Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

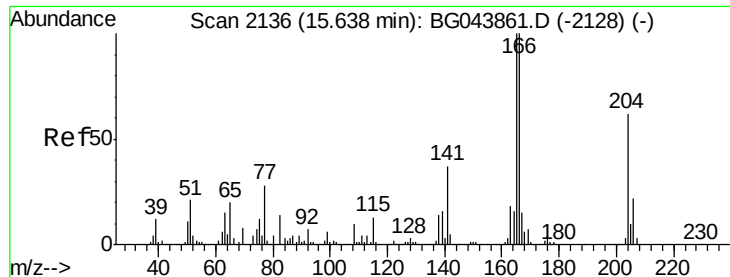
Tgt Ion:	232	Resp:	221403
Ion	Ratio	Lower	Upper
232	100		
131	44.5	38.2	57.2
130	2.7	2.2	3.2
166	32.2	26.4	39.6



#60
Diethylphthalate
Concen: 47.560 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.03 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion:	149	Resp:	846272
Ion	Ratio	Lower	Upper
149	100		
177	23.9	20.0	30.0
150	12.9	11.1	16.7

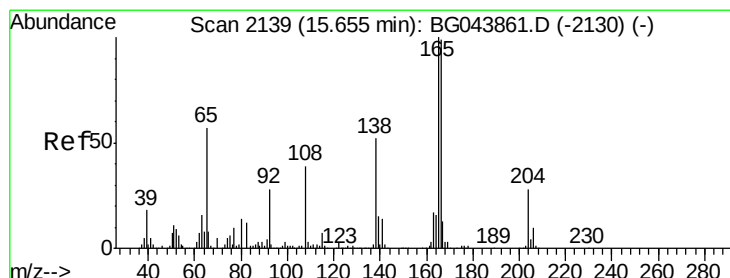
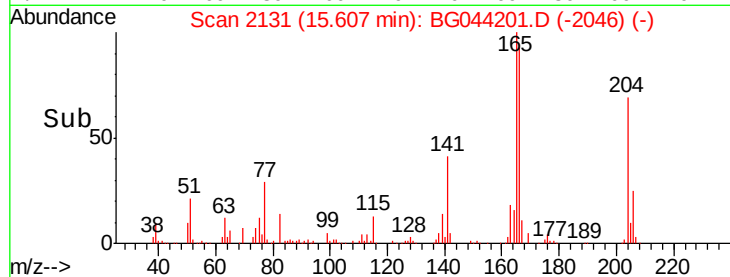
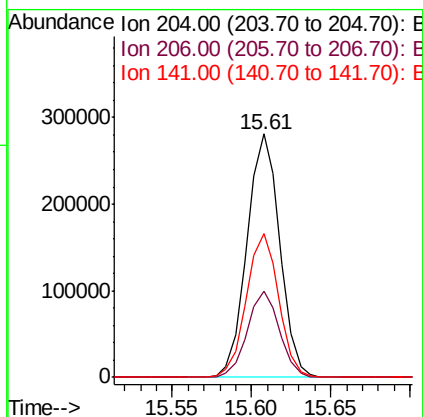
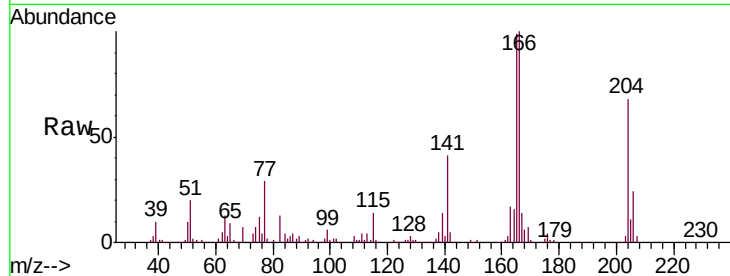




#61
 4-Chlorophenyl-phenylether
 Concen: 46.574 ng
 RT: 15.61 min Scan# 2131
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

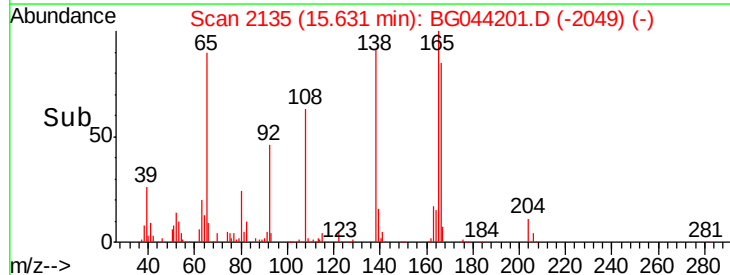
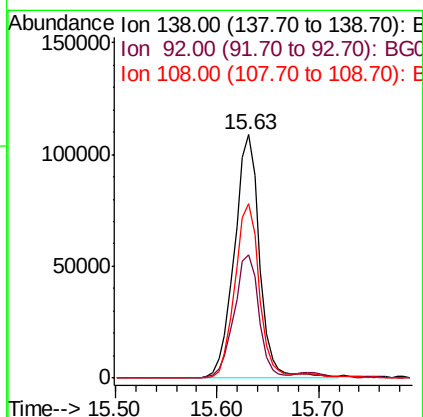
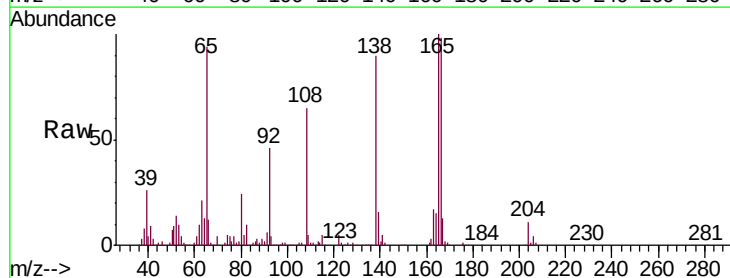
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

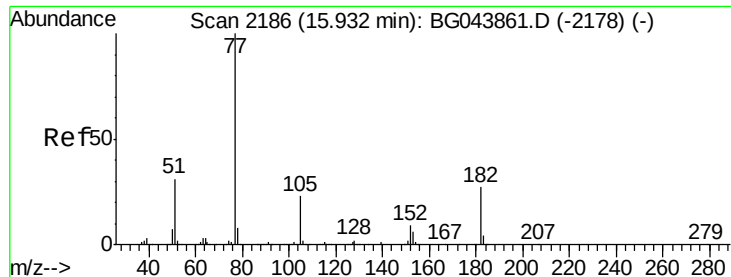
Tgt Ion: 204 Resp: 403748
 Ion Ratio Lower Upper
 204 100
 206 35.6 28.2 42.2
 141 59.3 48.2 72.2



#62
 4-Nitroaniline
 Concen: 41.832 ng
 RT: 15.63 min Scan# 2135
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion: 138 Resp: 188628
 Ion Ratio Lower Upper
 138 100
 92 50.7 34.3 74.3
 108 71.8 55.0 95.0





#63

Azobenzene

Concen: 48.082 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

Tgt Ion: 77 Resp: 793441

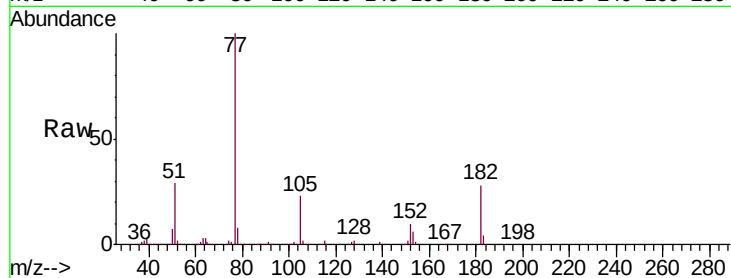
Ion Ratio Lower Upper

77 100

182 27.6 7.3 47.3

105 23.2 3.2 43.2

51 29.4 10.6 50.6

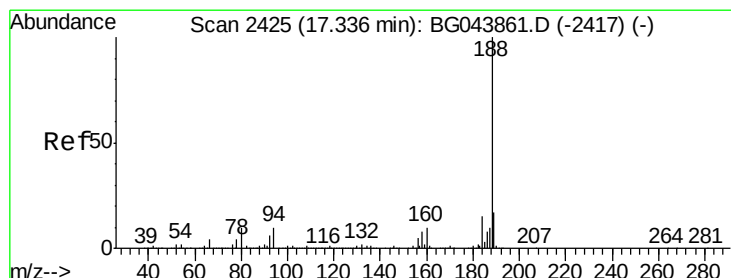
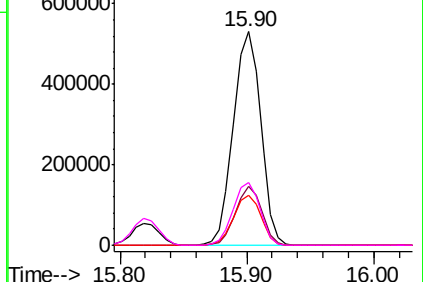
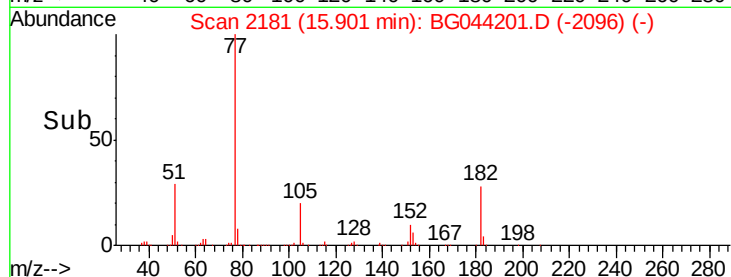


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2421

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

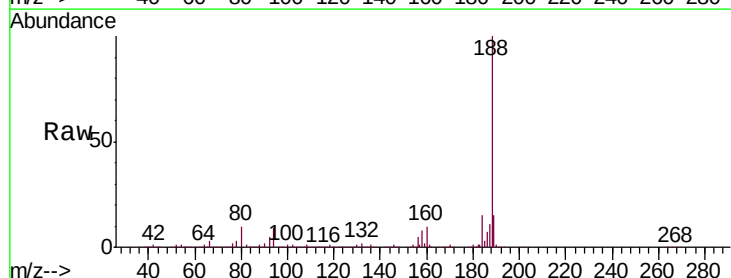
Tgt Ion: 188 Resp: 521662

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

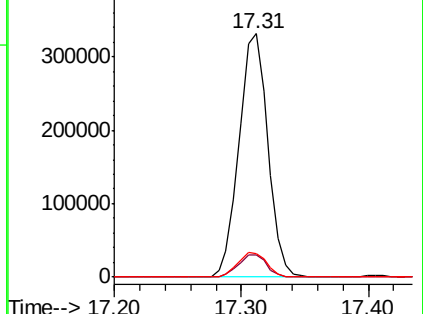
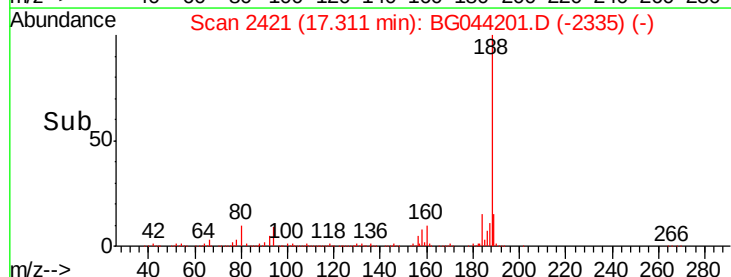
80 9.9 8.2 12.4

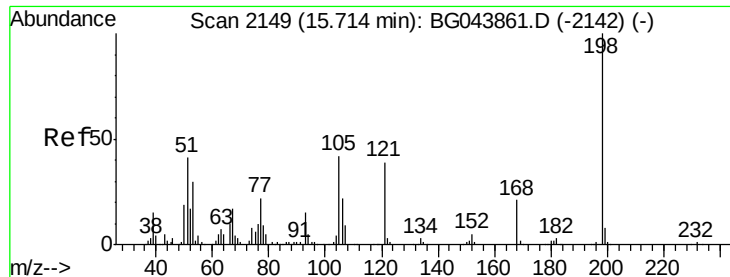


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

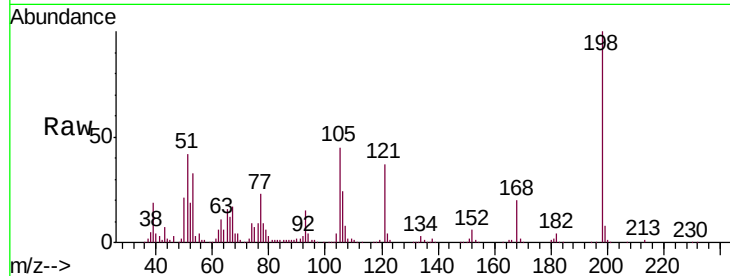




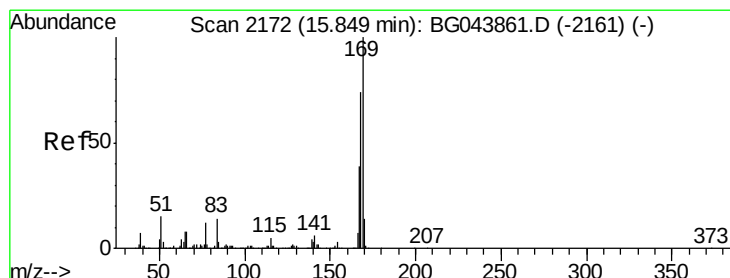
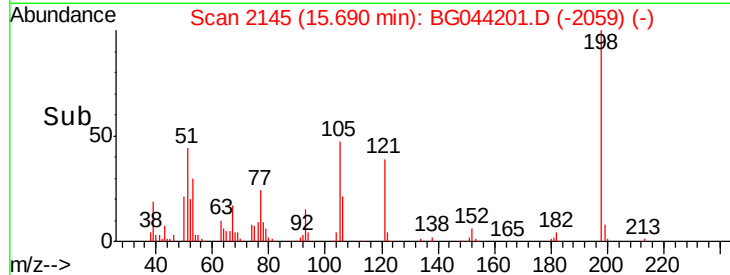
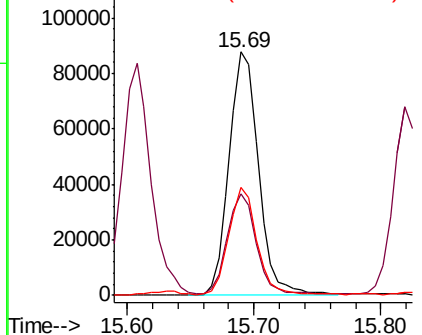
#65
 4,6-Dinitro-2-methylphenol
 Concen: 52.122 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.02 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

Tgt Ion:198 Resp: 141206
 Ion Ratio Lower Upper
 198 100
 51 41.7 22.5 62.5
 105 44.5 22.3 62.3

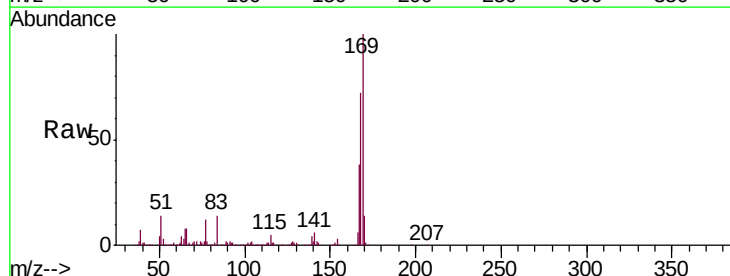


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

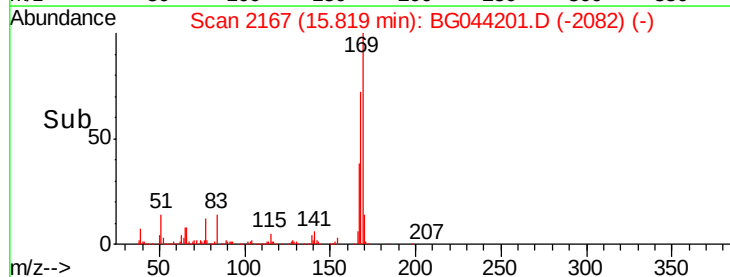
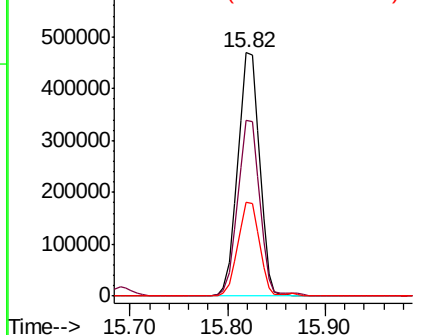


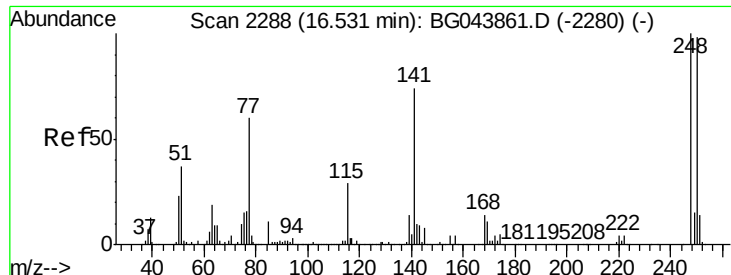
#66
 n-Nitrosodiphenylamine
 Concen: 47.440 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. -0.03 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion:169 Resp: 728782
 Ion Ratio Lower Upper
 169 100
 168 72.3 59.0 88.6
 167 38.3 31.4 47.0



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 44.654 ng

RT: 16.50 min Scan# 2283

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

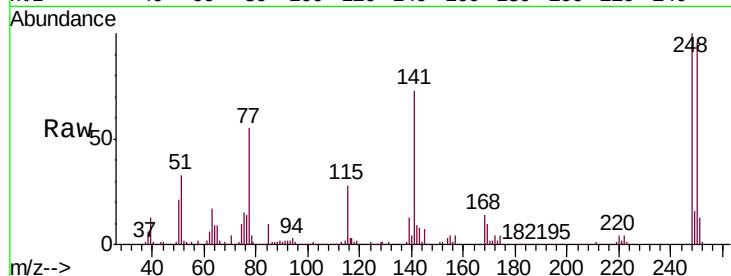
Tgt Ion:248 Resp: 261989

Ion Ratio Lower Upper

248 100

250 96.3 78.2 117.2

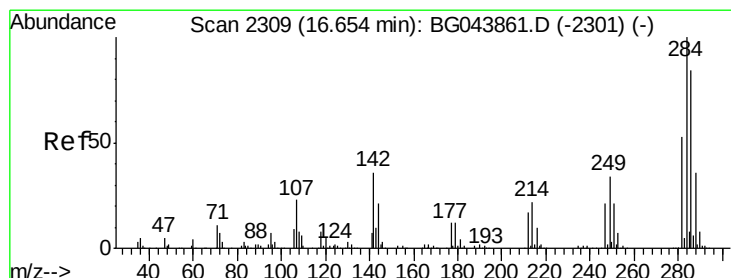
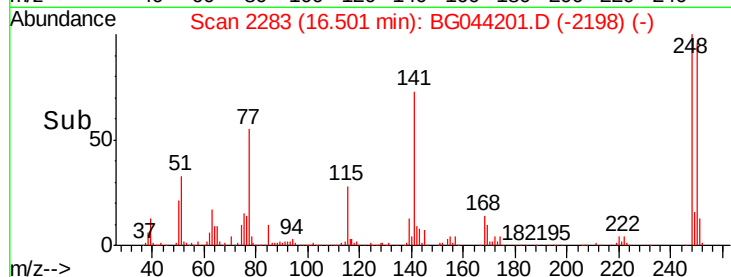
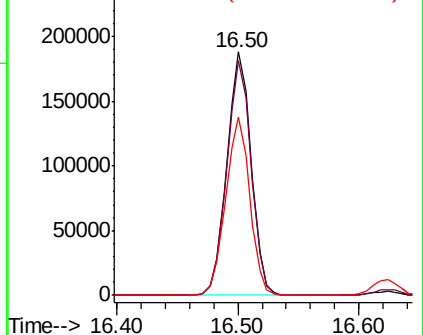
141 73.4 59.3 88.9



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: 44.082 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

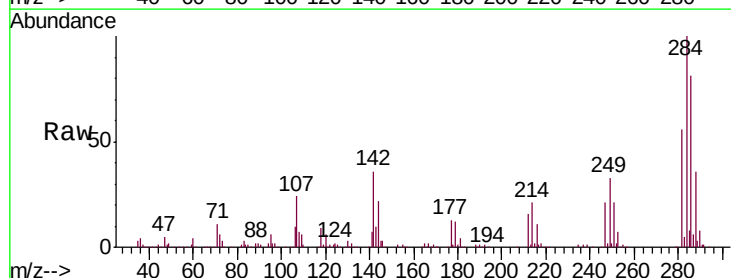
Tgt Ion:284 Resp: 278685

Ion Ratio Lower Upper

284 100

142 36.1 28.6 43.0

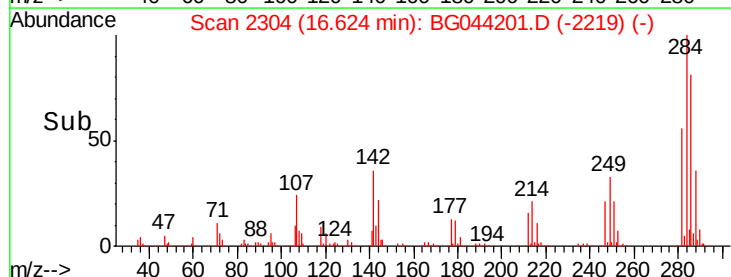
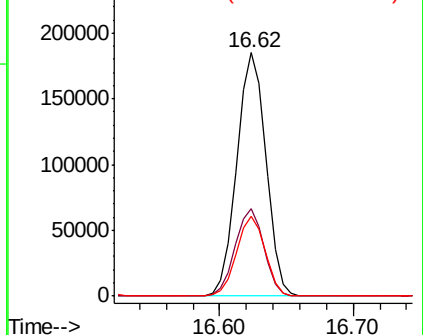
249 32.6 27.0 40.6

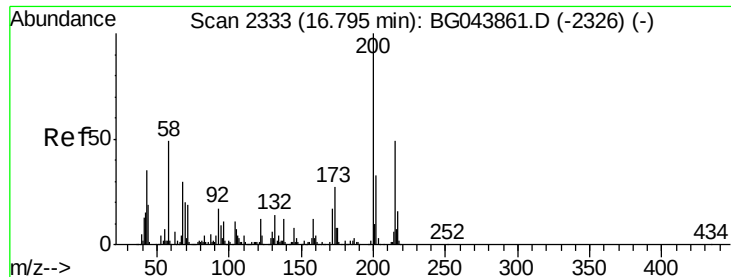


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 53.907 ng

RT: 16.77 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

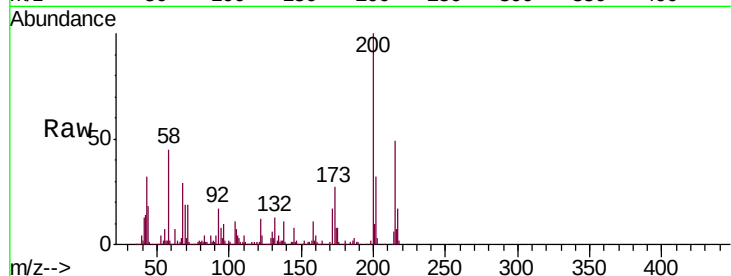
Tgt Ion:200 Resp: 269188

Ion Ratio Lower Upper

200 100

173 27.2 6.6 46.6

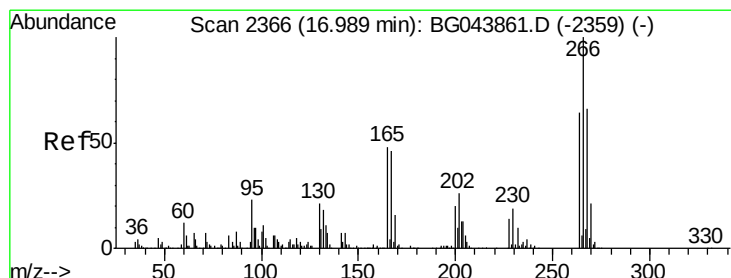
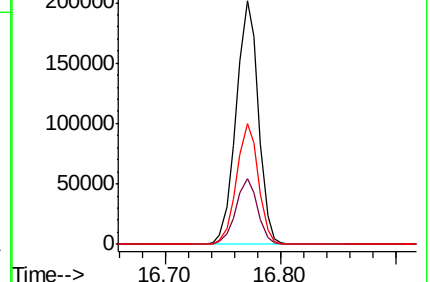
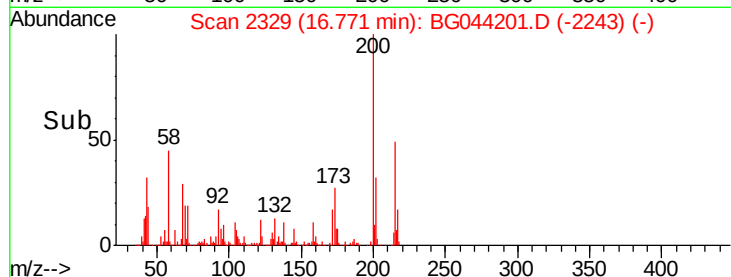
215 49.4 28.6 68.6



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: 86.215 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

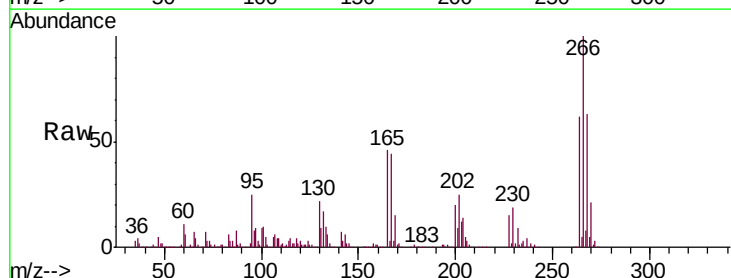
Tgt Ion:266 Resp: 300460

Ion Ratio Lower Upper

266 100

268 62.7 52.6 79.0

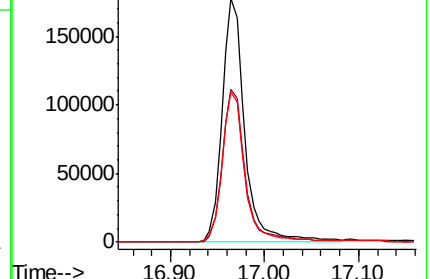
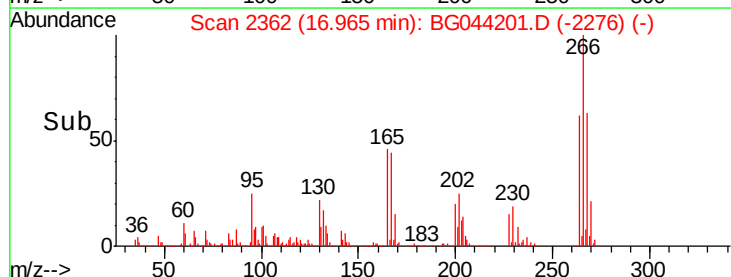
264 61.9 50.8 76.2

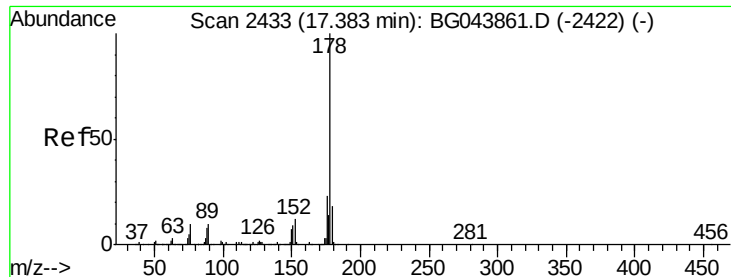


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.777 ng

RT: 17.35 min Scan# 2428

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

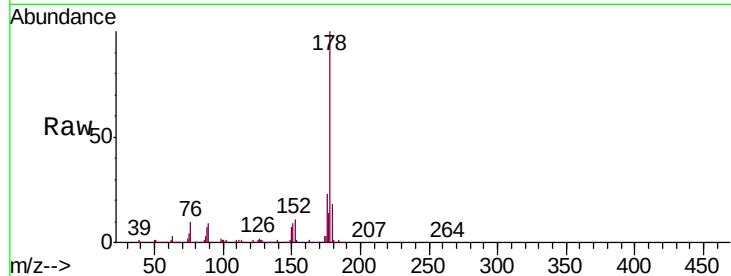
Tgt Ion:178 Resp: 1195464

Ion Ratio Lower Upper

178 100

176 22.6 18.6 28.0

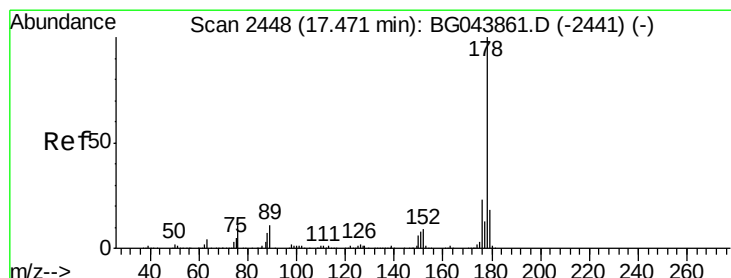
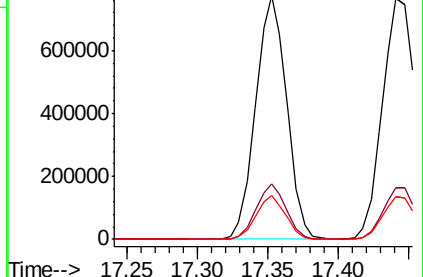
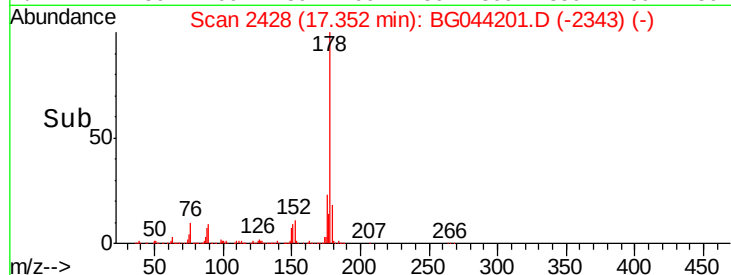
179 17.9 14.4 21.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.292 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

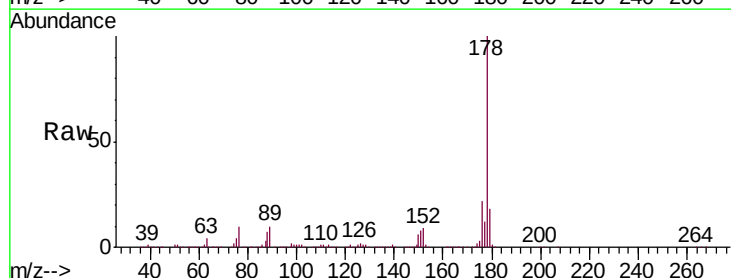
Tgt Ion:178 Resp: 1243644

Ion Ratio Lower Upper

178 100

176 21.5 18.3 27.5

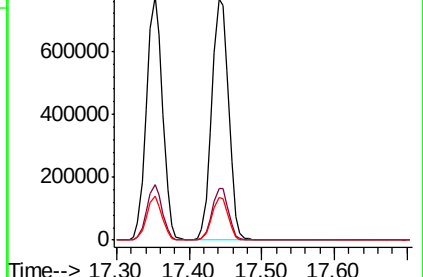
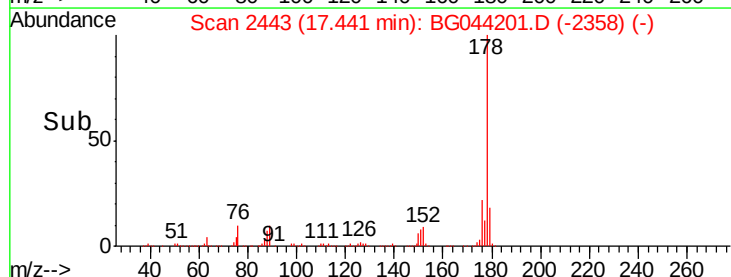
179 17.7 14.6 22.0

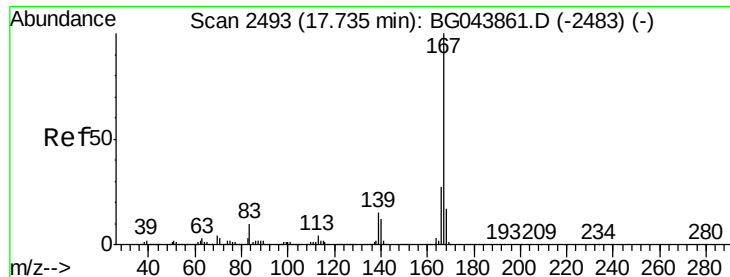


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.071 ng

RT: 17.71 min Scan# 2489

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

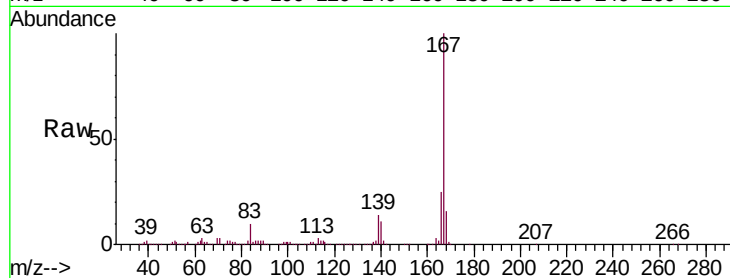
Tgt Ion:167 Resp: 1098048

Ion Ratio Lower Upper

167 100

166 25.4 21.6 32.4

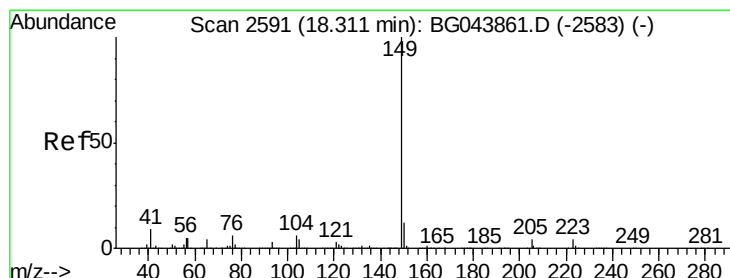
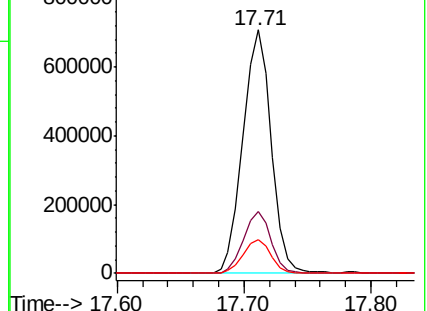
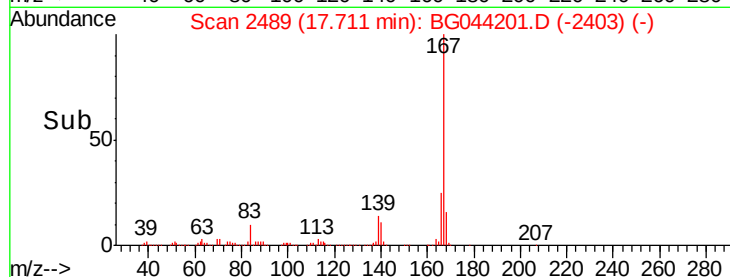
139 14.1 12.1 18.1



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: 46.622 ng

RT: 18.27 min Scan# 2585

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

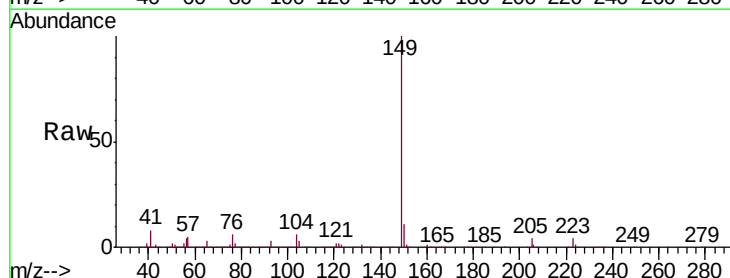
Tgt Ion:149 Resp: 1359682

Ion Ratio Lower Upper

149 100

150 11.2 9.7 14.5

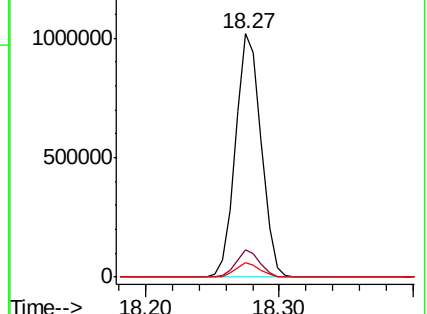
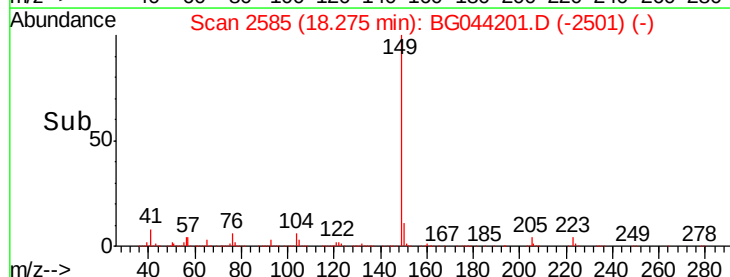
104 5.7 5.0 7.4

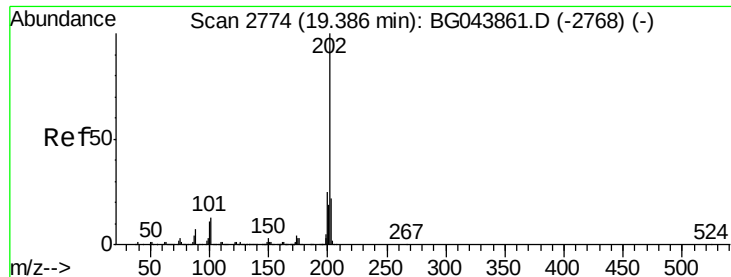


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.798 ng

RT: 19.36 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

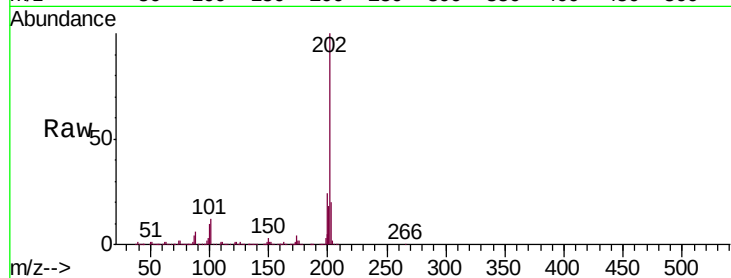
Tgt Ion:202 Resp: 1367763

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.3

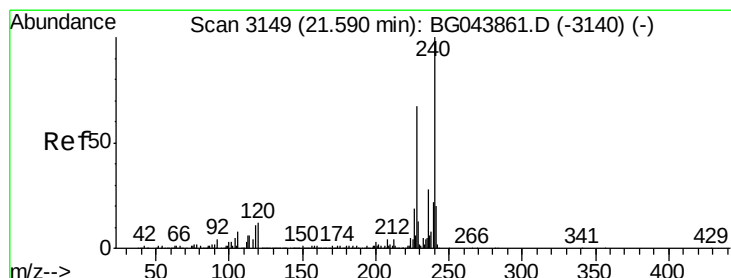
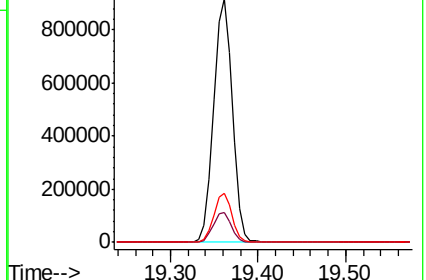
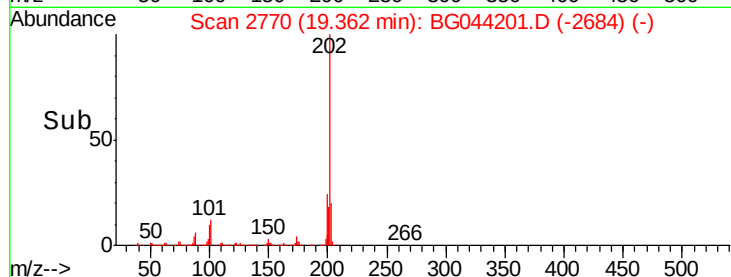
203 20.3 1.6 41.6



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: BG044201.D

Acq: 25 Jan 2020 4:26

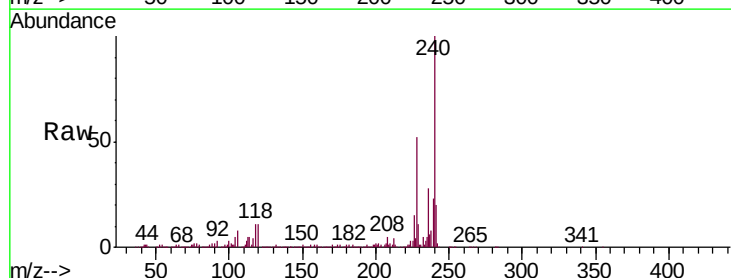
Tgt Ion:240 Resp: 430417

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

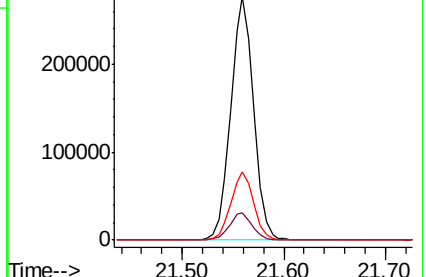
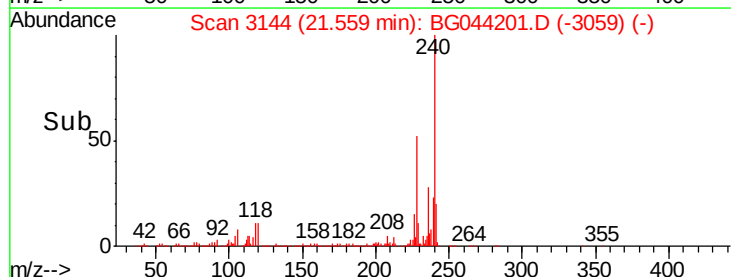
236 28.2 22.2 33.2

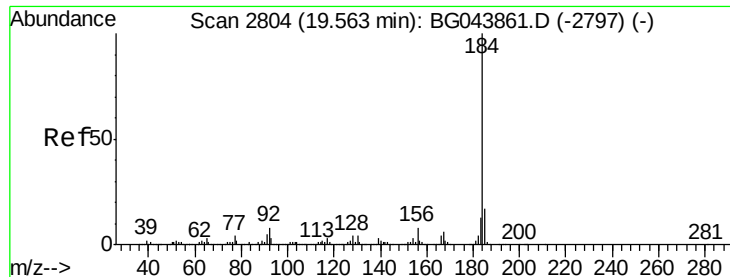


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.553 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

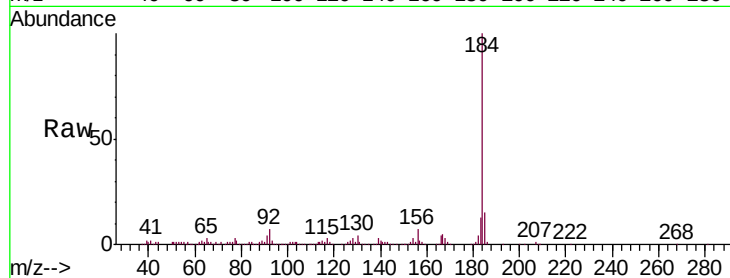
Tgt Ion:184 Resp: 265638

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.0

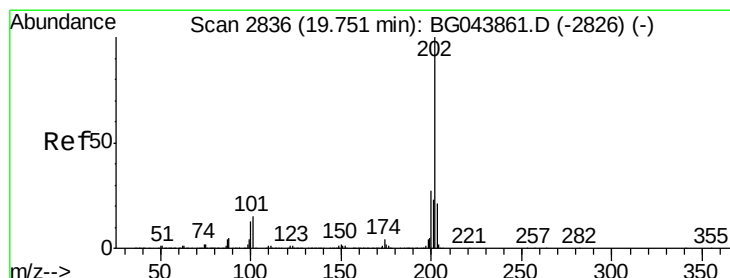
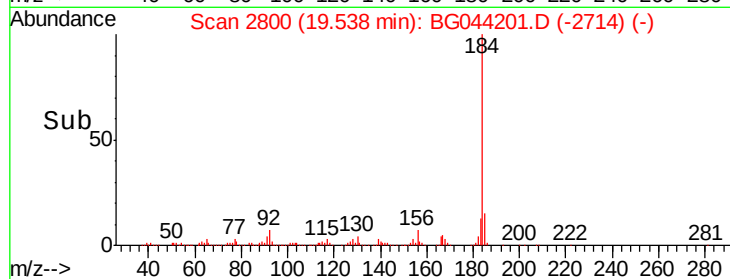
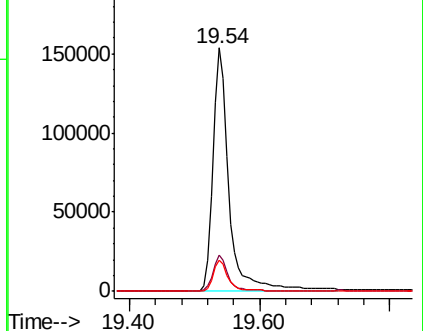
183 12.9 10.6 15.8



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: 49.279 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

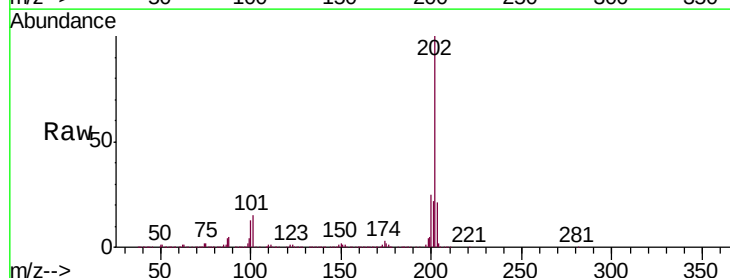
Tgt Ion:202 Resp: 1384491

Ion Ratio Lower Upper

202 100

200 25.0 21.7 32.5

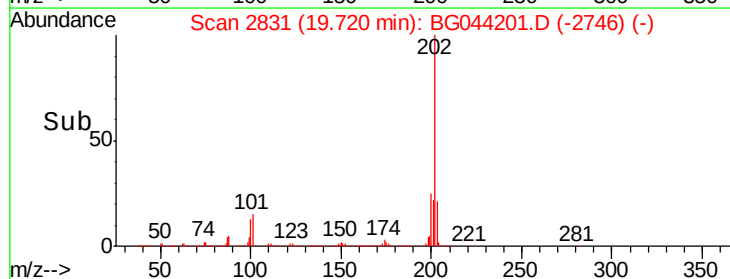
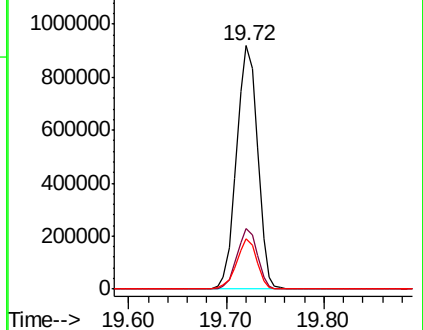
203 20.6 17.0 25.6

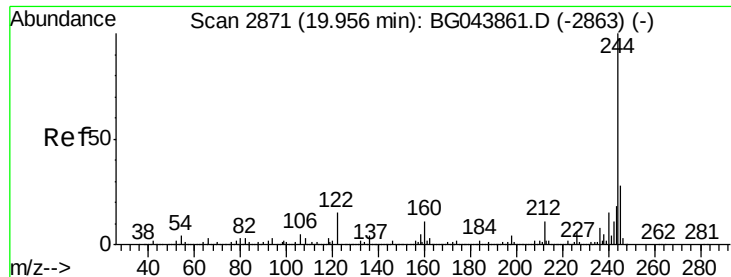


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 114.292 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

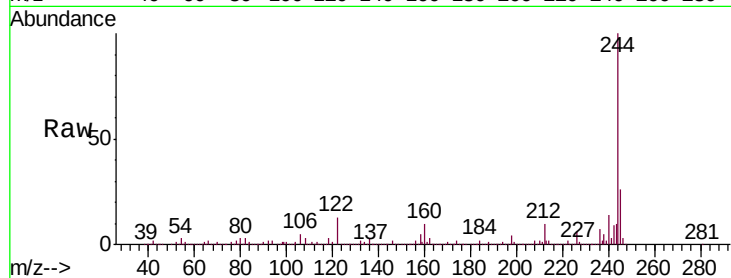
Tgt Ion:244 Resp: 1872239

Ion Ratio Lower Upper

244 100

212 9.6 8.6 13.0

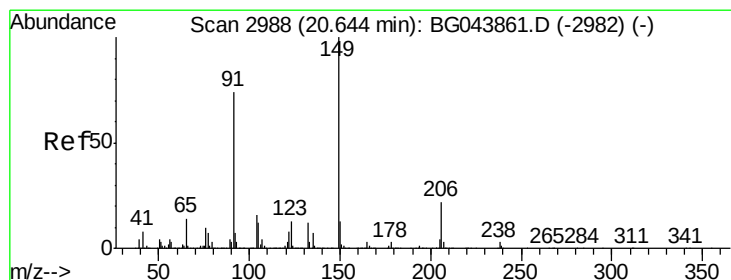
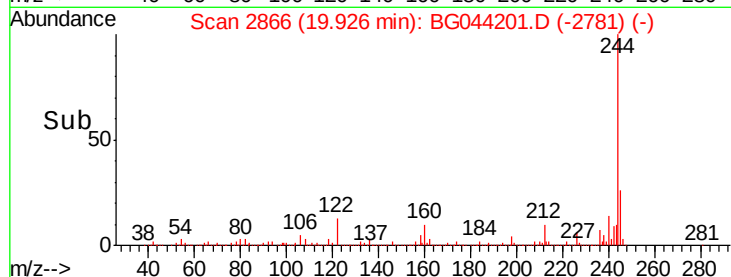
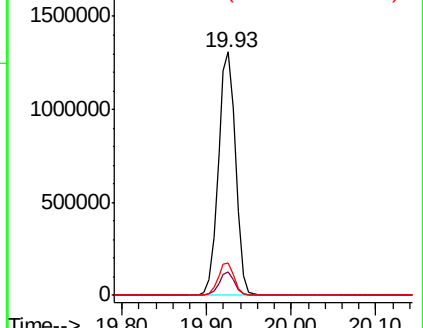
122 13.4 11.9 17.9



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: 48.971 ng

RT: 20.61 min Scan# 2983

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

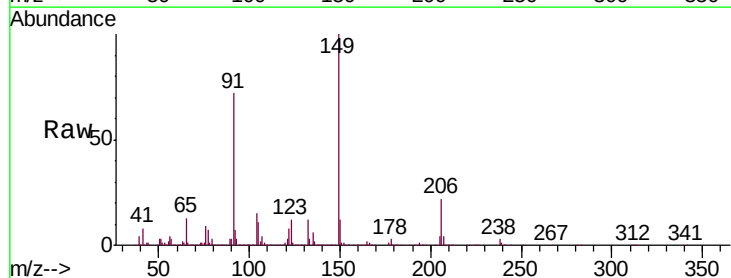
Tgt Ion:149 Resp: 655028

Ion Ratio Lower Upper

149 100

91 71.6 59.5 89.3

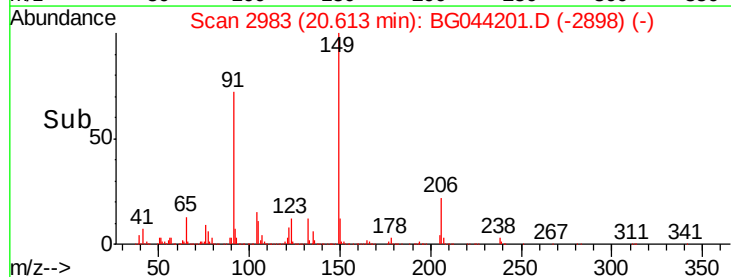
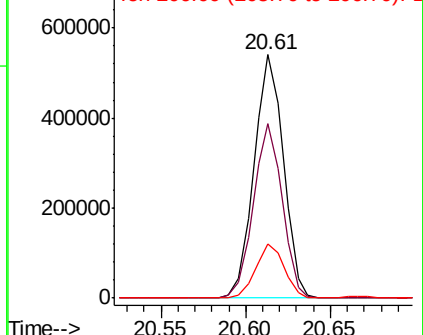
206 22.1 17.8 26.6

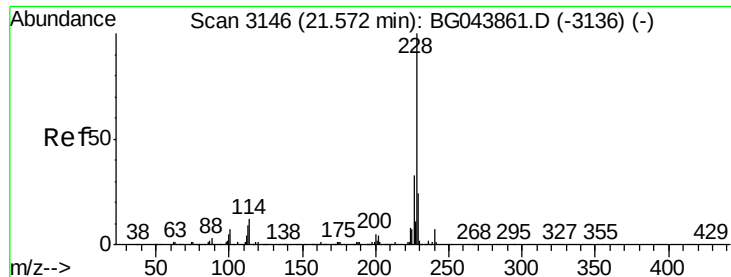


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.205 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

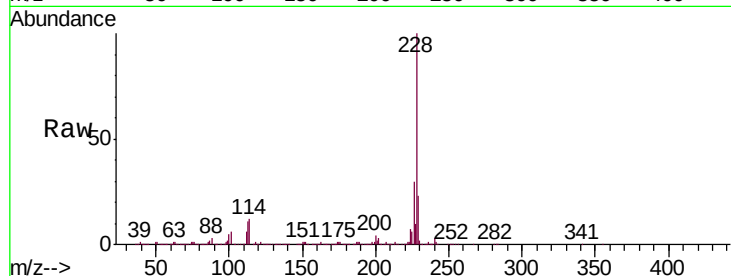
Tgt Ion:228 Resp: 1313228

Ion Ratio Lower Upper

228 100

226 30.4 26.2 39.4

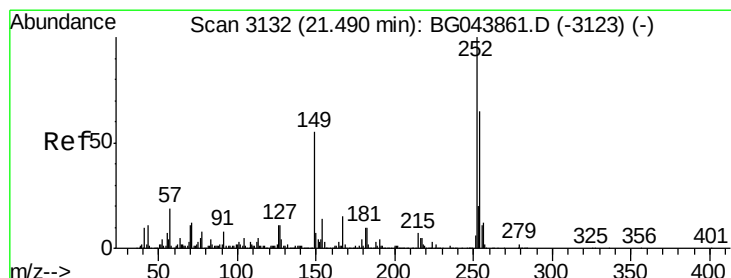
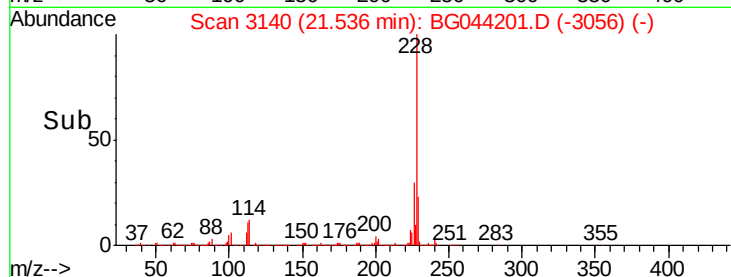
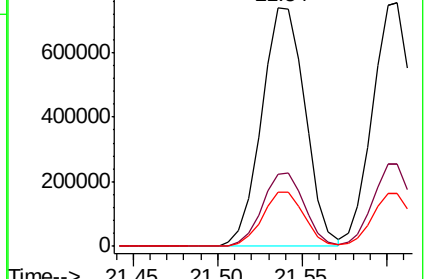
229 22.6 18.9 28.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.961 ng

RT: 21.45 min Scan# 3126

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

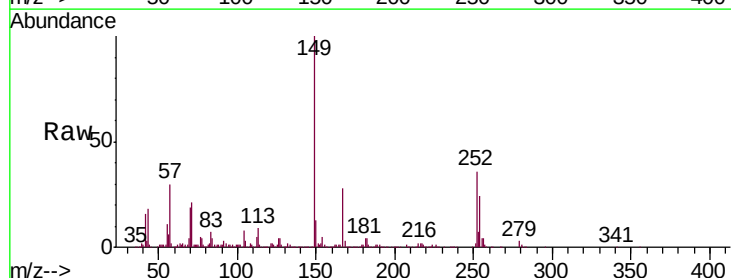
Tgt Ion:252 Resp: 263188

Ion Ratio Lower Upper

252 100

254 67.5 52.1 78.1

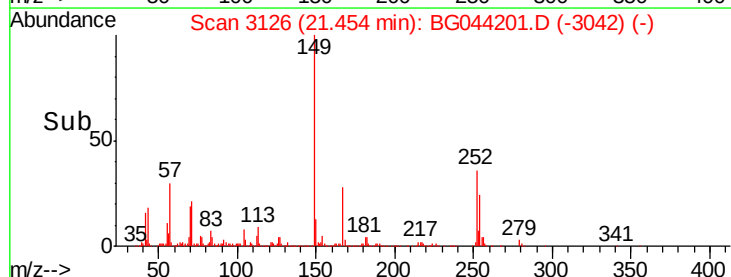
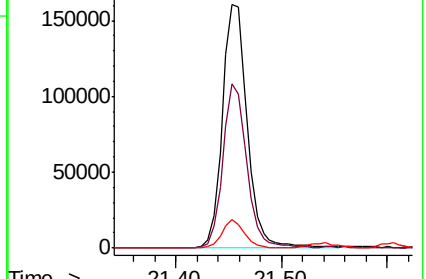
126 11.6 9.1 13.7

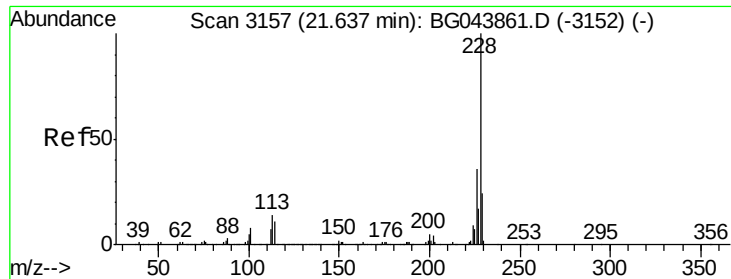


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 49.164 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.03 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

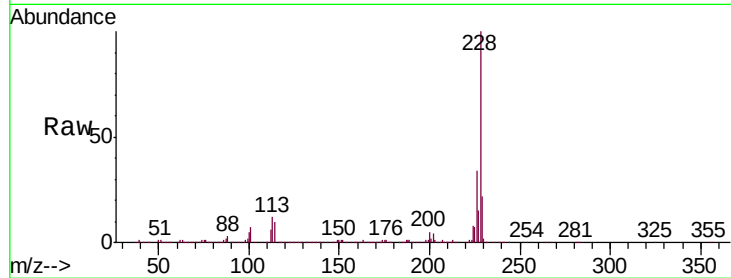
Tgt Ion:228 Resp: 1246775

Ion Ratio Lower Upper

228 100

226 34.0 28.8 43.2

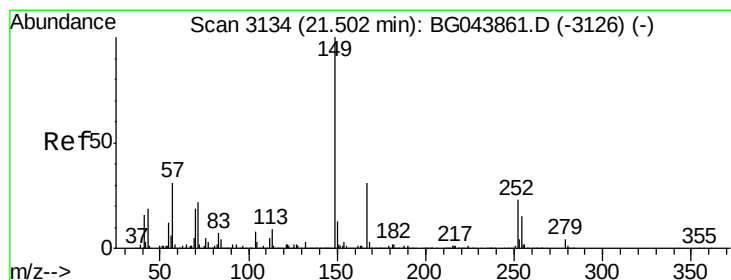
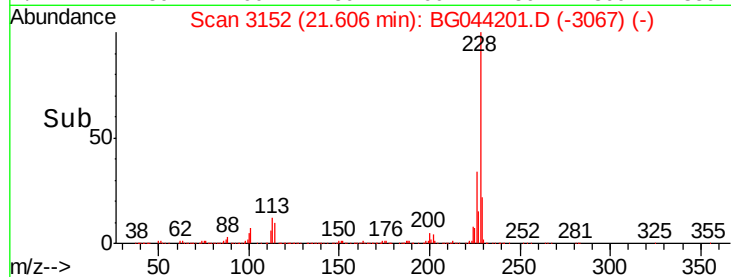
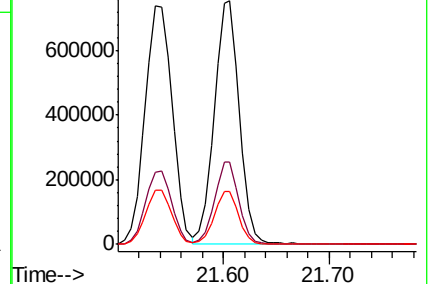
229 22.0 19.0 28.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.112 ng

RT: 21.46 min Scan# 3127

Delta R.T. -0.04 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

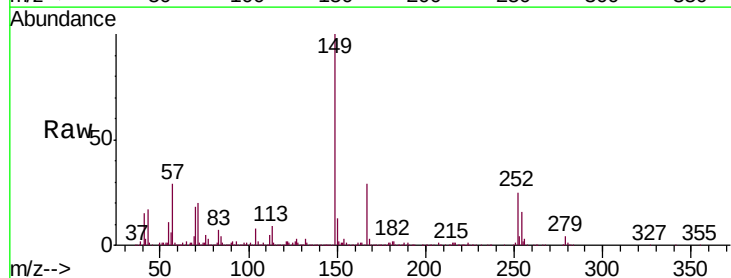
Tgt Ion:149 Resp: 906409

Ion Ratio Lower Upper

149 100

167 29.2 24.7 37.1

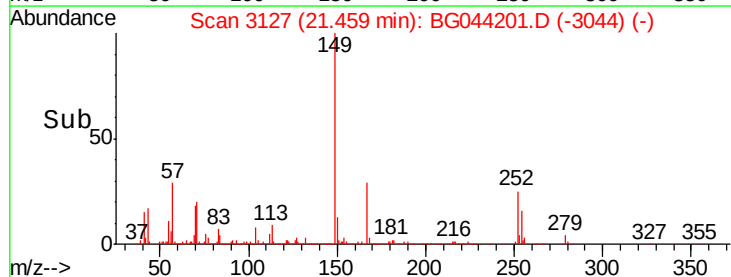
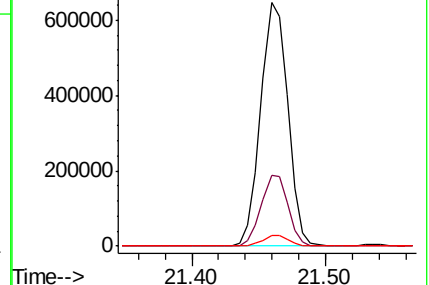
279 4.2 3.3 4.9

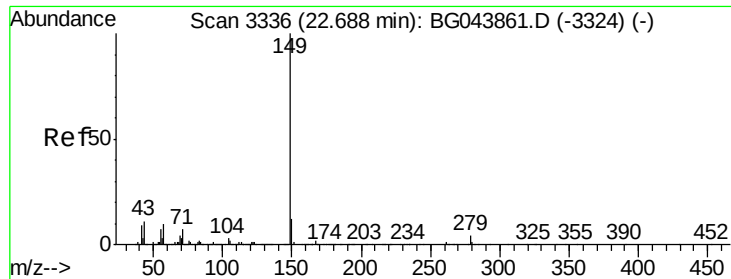


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

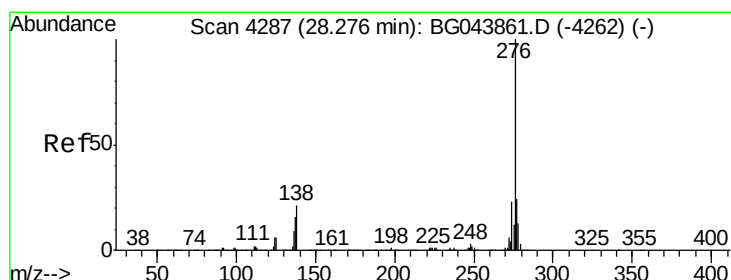
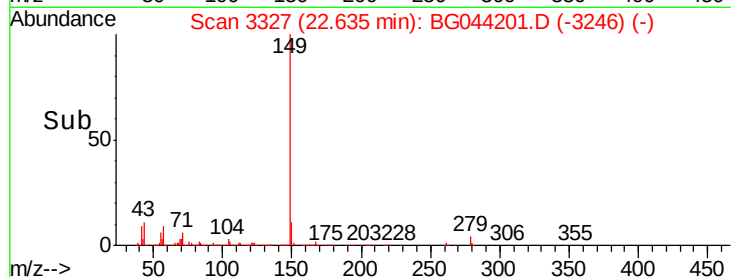
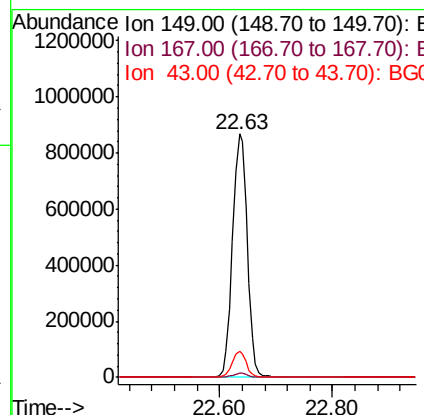
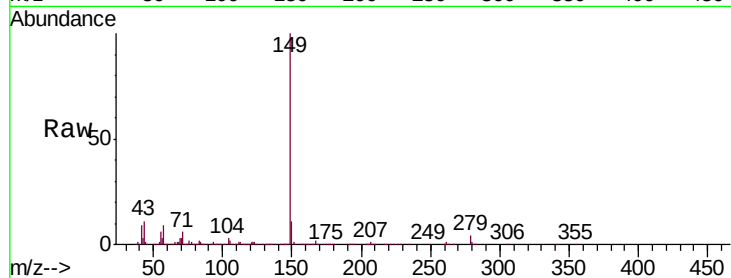




#85
 Di-n-octyl phthalate
 Concen: 50.768 ng
 RT: 22.63 min Scan# 3327
 Delta R.T. -0.05 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

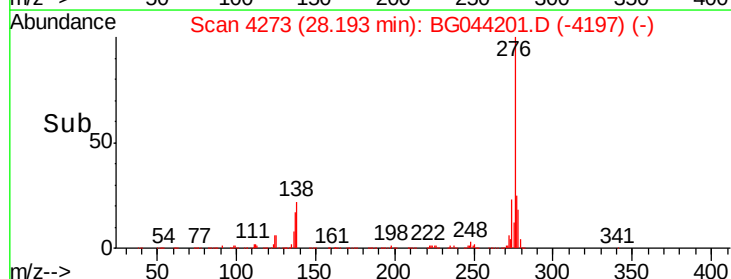
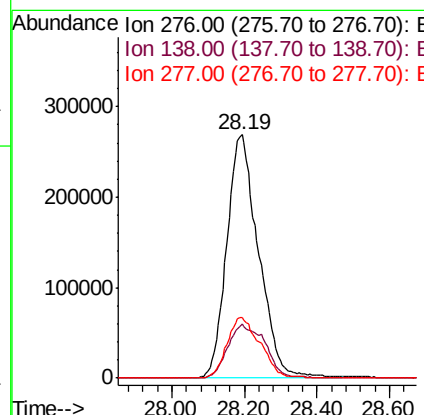
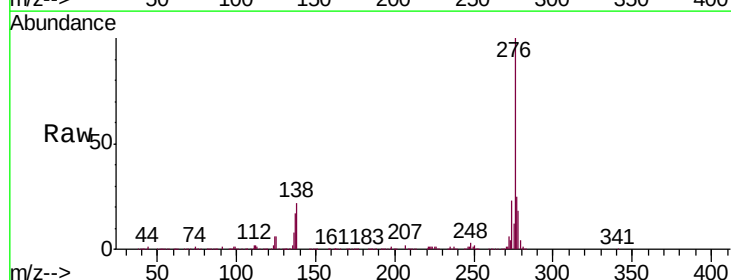
Instrument :
 BNA_G
 ClientSampleId :
 JC-03-012320-AMSD

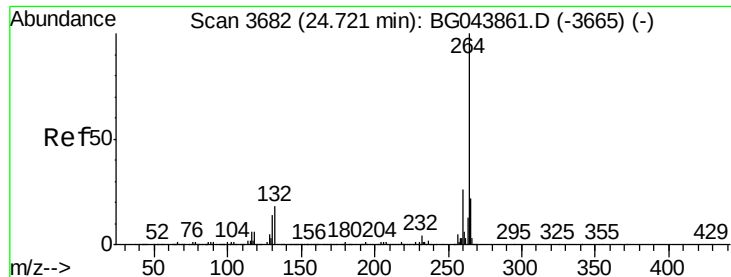
Tgt Ion:149 Resp: 1575219
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.0 8.8 13.2



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 47.527 ng
 RT: 28.19 min Scan# 4273
 Delta R.T. -0.08 min
 Lab File: BG044201.D
 Acq: 25 Jan 2020 4:26

Tgt Ion:276 Resp: 1637972
 Ion Ratio Lower Upper
 276 100
 138 25.9 21.0 31.4
 277 26.2 21.1 31.7



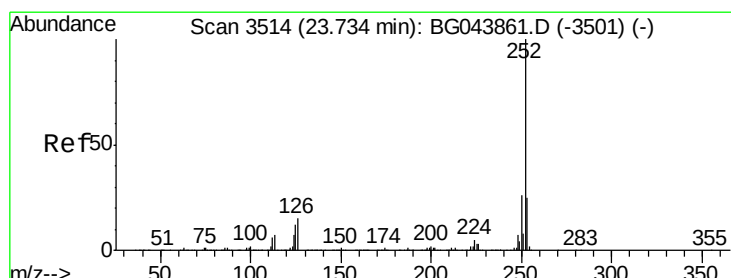
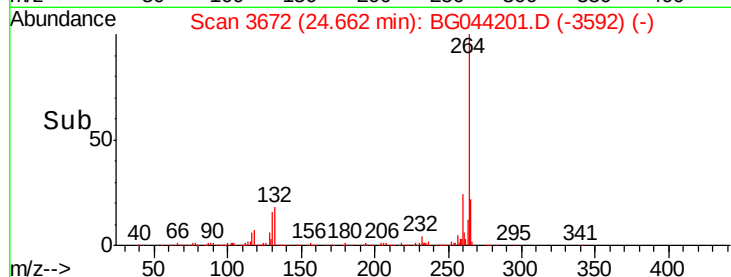
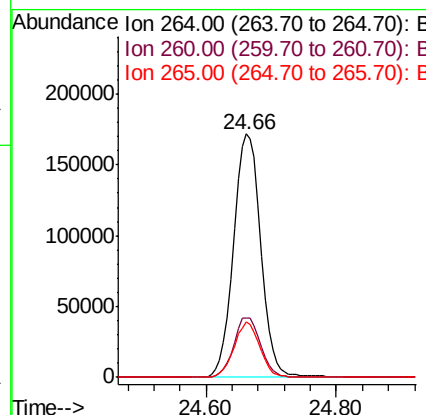
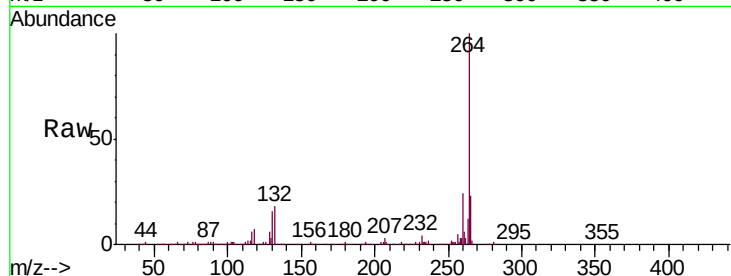


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.06 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Instrument :
BNA_G
ClientSampleId :
JC-03-012320-AMSD

Tgt Ion: 264 Resp: 497435

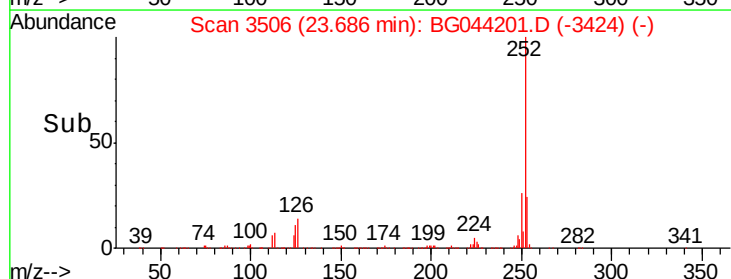
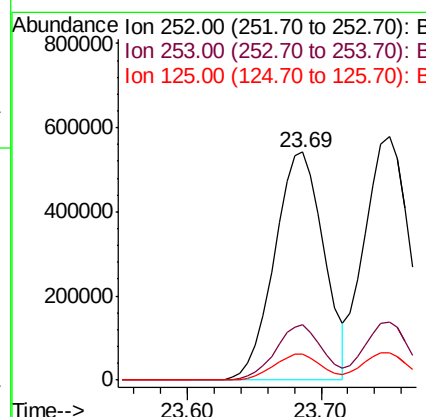
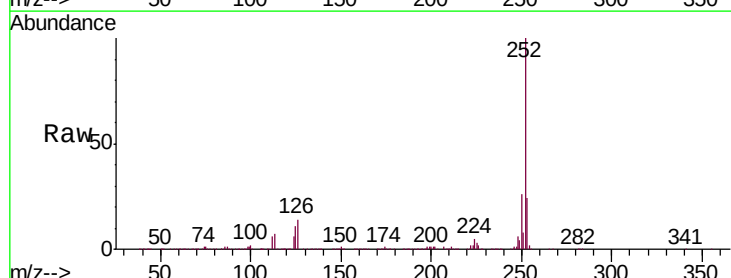
Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.6	17.4	26.2

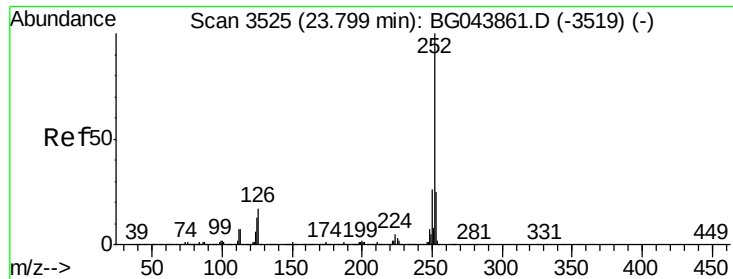


#88
Benzo(b)fluoranthene
Concen: 47.272 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.05 min
Lab File: BG044201.D
Acq: 25 Jan 2020 4:26

Tgt Ion: 252 Resp: 1390137

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.7	29.5
125	11.2	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 48.616 ng

RT: 23.75 min Scan# 3517

Delta R.T. -0.05 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

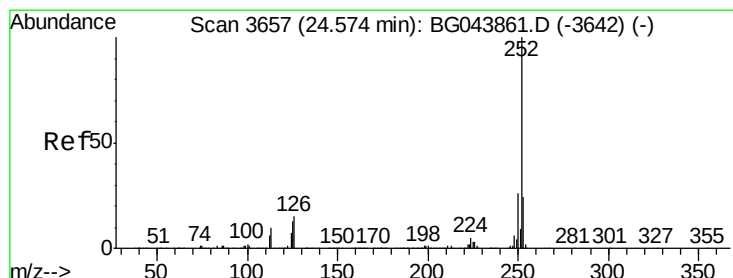
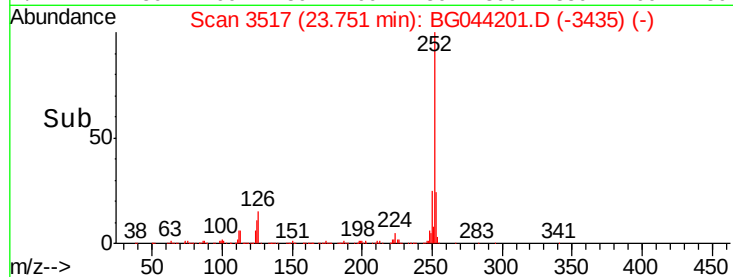
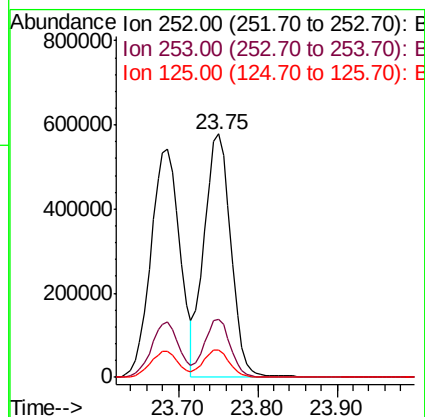
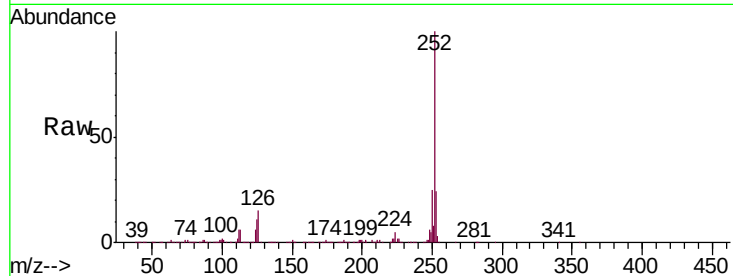
Tgt Ion:252 Resp: 1359509

Ion Ratio Lower Upper

252 100

253 23.9 19.4 29.2

125 11.3 9.9 14.9



#90

Benzo(a)pyrene

Concen: 46.196 ng

RT: 24.52 min Scan# 3648

Delta R.T. -0.05 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

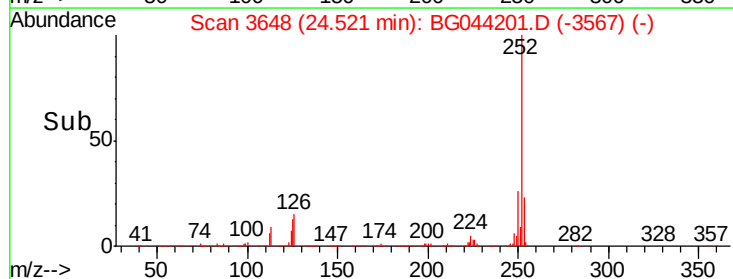
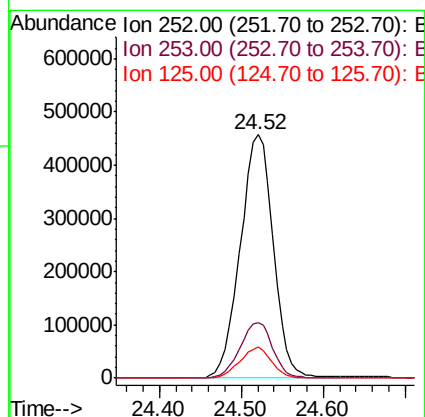
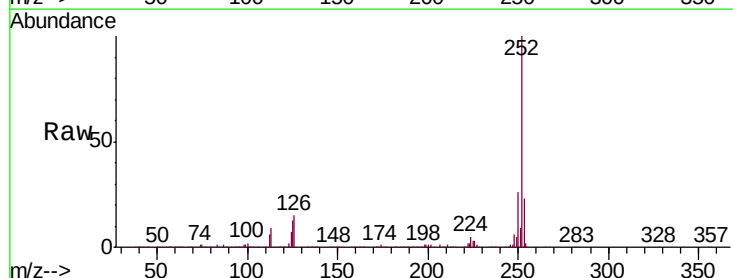
Tgt Ion:252 Resp: 1282167

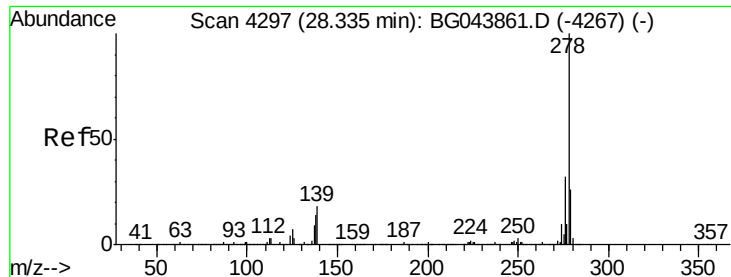
Ion Ratio Lower Upper

252 100

253 23.0 19.3 28.9

125 12.6 10.4 15.6





#91

Dibenzo(a,h)anthracene

Concen: 47.993 ng

RT: 28.25 min Scan# 4282

Delta R.T. -0.09 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

Instrument :

BNA_G

ClientSampleId :

JC-03-012320-AMSD

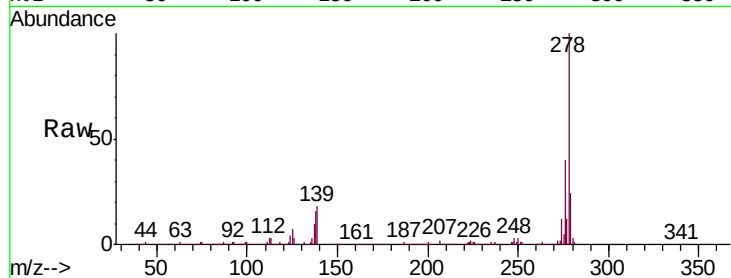
Tgt Ion:278 Resp: 1337788

Ion Ratio Lower Upper

278 100

139 17.6 14.2 21.4

279 24.2 20.6 30.8

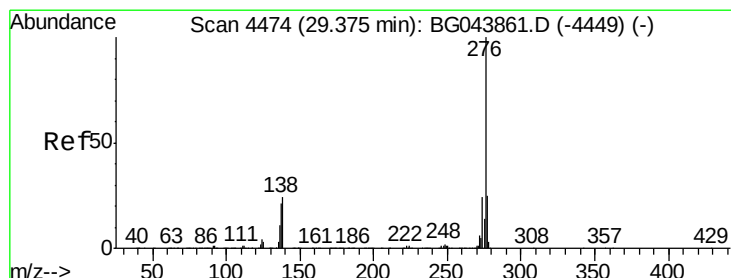
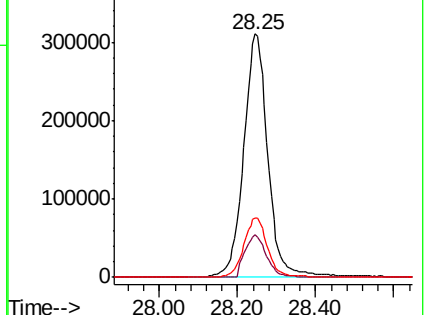
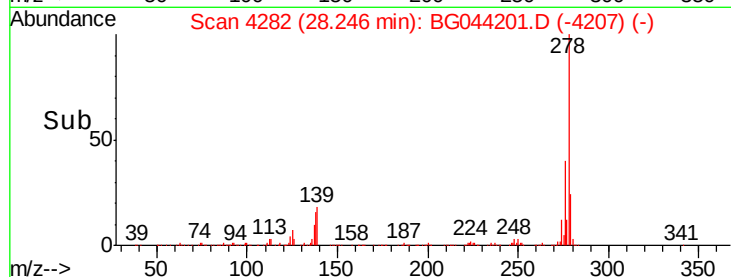


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.699 ng

RT: 29.29 min Scan# 4459

Delta R.T. -0.09 min

Lab File: BG044201.D

Acq: 25 Jan 2020 4:26

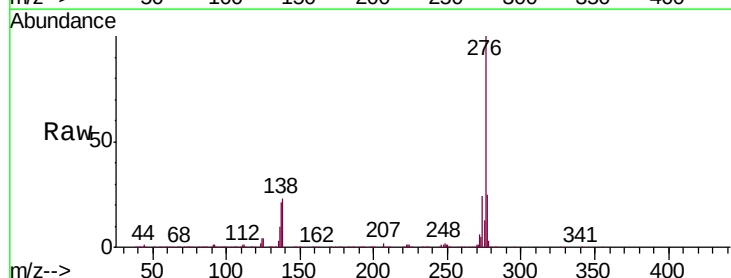
Tgt Ion:276 Resp: 1376057

Ion Ratio Lower Upper

276 100

277 25.0 20.2 30.4

138 22.6 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

