

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
 Data File : BG043960.D
 Acq On : 7 Jan 2020 18:53
 Operator : JU
 Sample : L1039-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 301-305MS

Manual Integrations
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 1/8/2020 4:26:13 PM

Quant Time: Jan 08 02:52:27 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	7.96	152	169325	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	699844	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	419910	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	763944	20.00	ng	0.00
76) Chrysene-d12	21.60	240	634806	20.00	ng	0.00
87) Perylene-d12	24.73	264	750091	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	837167	90.78	ng	0.00
7) Phenol-d6	7.14	99	1134381	88.00	ng	0.01
23) Nitrobenzene-d5	9.12	82	681662	52.11	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	361530	82.27	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1424882	61.48	ng	0.00
79) Terphenyl-d14	19.95	244	1662812	57.32	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.44	88	169369	42.122 ng	99
3) Pyridine	3.83	79	438057	36.878 ng	99
4) n-Nitrosodimethylamine	3.75	42	232543	43.971 ng	94
6) Aniline	7.29	93	363511	21.470 ng	97
8) 2-Chlorophenol	7.53	128	540765	49.949 ng	99
9) Benzaldehyde	7.10	77	320040	38.792 ng	98
10) Phenol	7.16	94	673535	50.713 ng	99
11) bis(2-Chloroethyl)ether	7.38	93	526395	45.916 ng	100
12) 1,3-Dichlorobenzene	7.85	146	587449	46.369 ng	98
13) 1,4-Dichlorobenzene	8.00	146	582111	46.568 ng	99
14) 1,2-Dichlorobenzene	8.32	146	556930	46.418 ng	99
15) Benzyl Alcohol	8.20	79	464427	45.651 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	755472	42.594 ng	99
17) 2-Methylphenol	8.41	107	465238	48.406 ng	100
18) Hexachloroethane	9.05	117	223600	45.970 ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	405379	42.228 ng	97
20) 3+4-Methylphenols	8.74	107	632666	47.186 ng	99
22) Acetophenone	8.78	105	740945	42.586 ng	99
24) Nitrobenzene	9.16	77	582170	44.931 ng	98
25) Isophorone	9.69	82	1081473	44.063 ng	99
26) 2-Nitrophenol	9.87	139	314022	51.226 ng	98
27) 2,4-Dimethylphenol	9.94	122	479447	51.957 ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	687116	41.993 ng	100
29) 2,4-Dichlorophenol	10.41	162	522553	47.474 ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	556042	45.054 ng	99
31) Naphthalene	10.81	128	1558327	46.014 ng	98
32) Benzoic acid	10.10	122	348261	46.560 ng	94
33) 4-Chloroaniline	10.91	127	219280	13.575 ng	99
34) Hexachlorobutadiene	11.11	225	327759	43.497 ng	97
35) Caprolactam	11.70	113	192134m	46.890 ng	
36) 4-Chloro-3-methylphenol	12.05	107	544920	46.504 ng	99
37) 2-Methylnaphthalene	12.42	142	1163949	45.651 ng	98
38) 1-Methylnaphthalene	12.64	142	1096611	45.380 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	569634	46.283 ng	99

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 BNA_G
 ClientSampleId :
 301-305MS

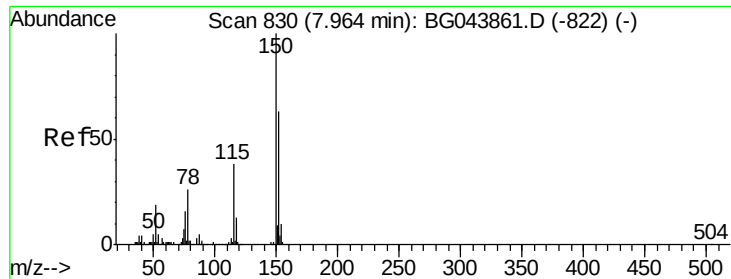
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
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 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	330771	51.839	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	408263	48.209	ng	99
44) 2,4,5-Trichlorophenol	13.11	196	431117	49.359	ng	99
46) 1,1'-Biphenyl	13.43	154	1405463	46.682	ng	99
47) 2-Chloronaphthalene	13.47	162	1113312	45.762	ng	100
48) 2-Nitroaniline	13.66	65	351669	44.938	ng	98
49) Acenaphthylene	14.32	152	1665218	47.622	ng	98
50) Dimethylphthalate	14.05	163	1384576	46.438	ng	99
51) 2,6-Dinitrotoluene	14.16	165	314047	46.602	ng	97
52) Acenaphthene	14.66	154	1153316	47.032	ng	99
53) 3-Nitroaniline	14.49	138	208935	27.302	ng	98
54) 2,4-Dinitrophenol	14.70	184	166328	50.610	ng	98
55) Dibenzofuran	15.00	168	1541478	45.664	ng	98
56) 4-Nitrophenol	14.81	139	590276	100.656	ng	99
57) 2,4-Dinitrotoluene	14.96	165	415609	45.324	ng	98
58) Fluorene	15.64	166	1202504	44.943	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	350065	46.610	ng	100
60) Diethylphthalate	15.42	149	1290959	43.290	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	621843	42.802	ng	99
62) 4-Nitroaniline	15.66	138	257443	34.066	ng	97
63) Azobenzene	15.93	77	1235151	44.661	ng	98
65) 4,6-Dinitro-2-methylphenol	15.72	198	122516	32.670	ng	95
66) n-Nitrosodiphenylamine	15.85	169	1112910	49.469	ng	98
67) 4-Bromophenyl-phenylether	16.53	248	388180	45.179	ng	99
68) Hexachlorobenzene	16.65	284	413811	44.697	ng	97
69) Atrazine	16.80	200	413243	56.510	ng	98
70) Pentachlorophenol	17.00	266	503867	98.728	ng	98
71) Phenanthrene	17.38	178	1956782	53.402	ng	95
72) Anthracene	17.48	178	1808059	49.928	ng	97
73) Carbazole	17.74	167	1598404	47.784	ng	98
74) Di-n-butylphthalate	18.31	149	1862834	43.617	ng	99
75) Fluoranthene	19.39	202	1939623	46.285	ng	95
77) Benzidine	19.57	184	715921	44.868	ng	98
78) Pyrene	19.75	202	2064572	49.825	ng	96
80) Butylbenzylphthalate	20.64	149	927563	47.019	ng	99
81) Benzo(a)anthracene	21.58	228	1934741	49.152	ng	97
82) 3,3'-Dichlorobenzidine	21.49	252	300310	19.311	ng	99
83) Chrysene	21.64	228	1834896	49.059	ng	98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1318980	48.456	ng	97
85) Di-n-octyl phthalate	22.68	149	2235107	48.843	ng	99
86) Indeno(1,2,3-cd)pyrene	28.28	276	2357730	46.385	ng	# 90
88) Benzo(b)fluoranthene	23.74	252	2011222	45.356	ng	98
89) Benzo(k)fluoranthene	23.80	252	1983701	47.043	ng	97
90) Benzo(a)pyrene	24.58	252	1927715	46.060	ng	99
91) Dibenzo(a,h)anthracene	28.35	278	2018688	48.027	ng	99
92) Benzo(g,h,i)perylene	29.39	276	1873673	44.877	ng	99

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



#1

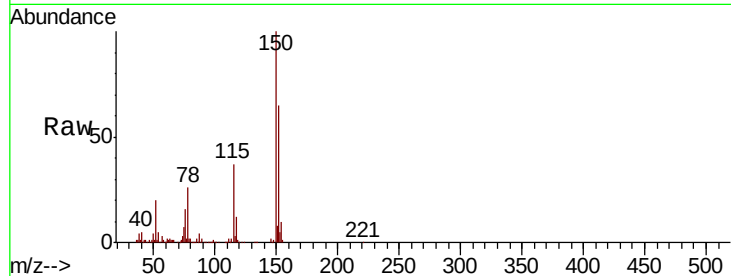
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.0	190.4
115	56.9	47.8	71.8

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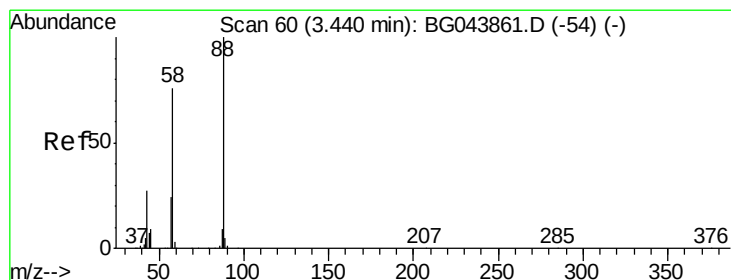
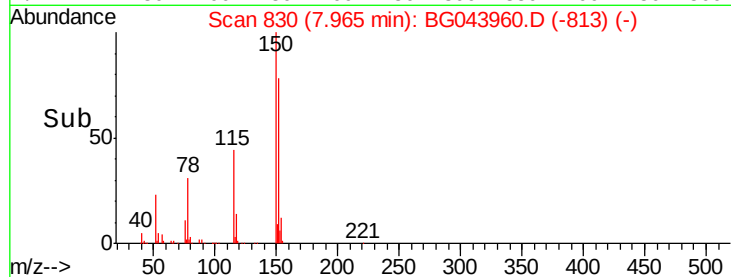
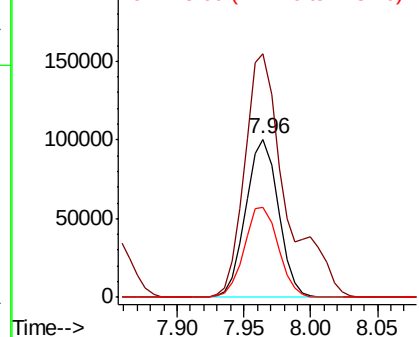


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

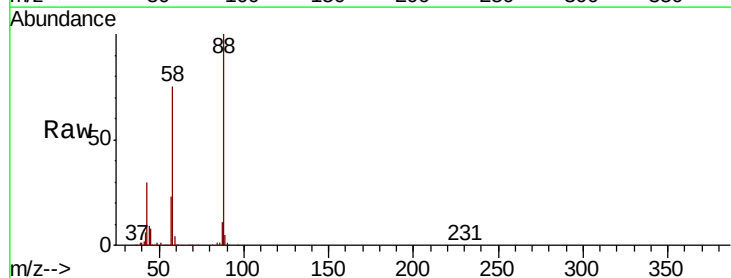
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.122 ng
RT: 3.44 min Scan# 60
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.5	59.8	89.8
43	29.1	22.9	34.3

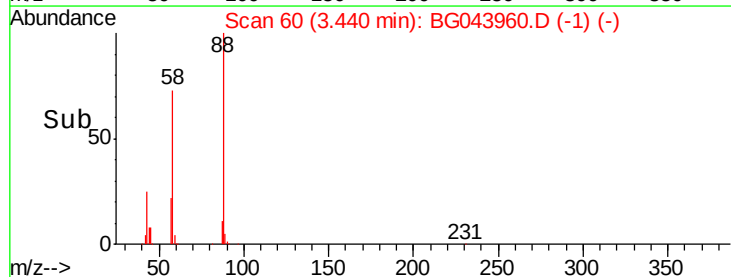
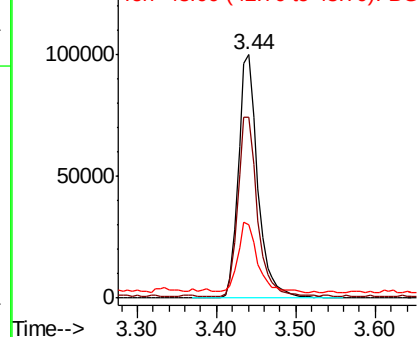


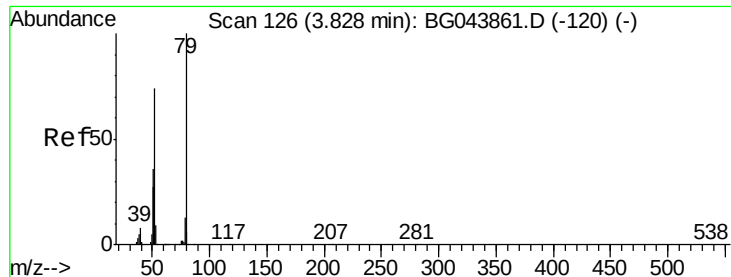
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.878 ng

RT: 3.83 min Scan# 126

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

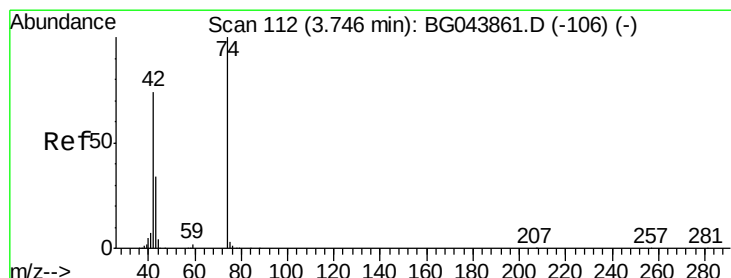
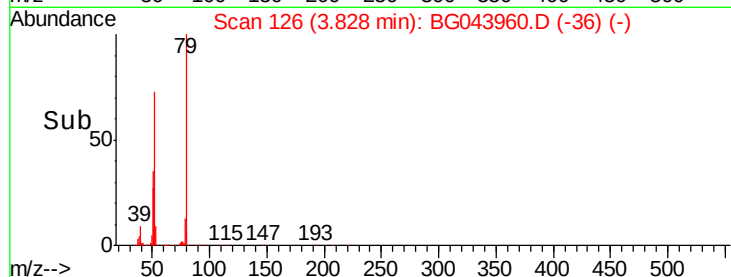
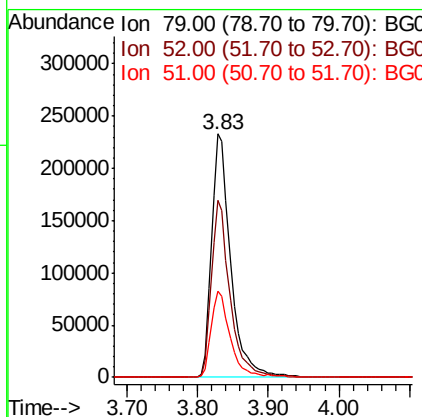
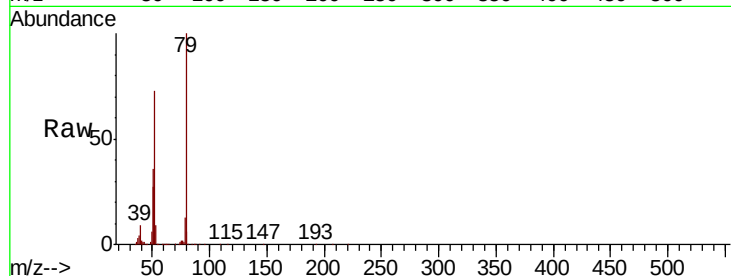
ClientSampleId :

301-305MS

Tot Ion:	79	Resp:	438057
Ion	Ratio	Lower	Upper
79	100		
52	72.8	58.9	88.3
51	35.6	28.6	43.0

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#4

n-Nitrosodimethylamine

Concen: 43.971 ng

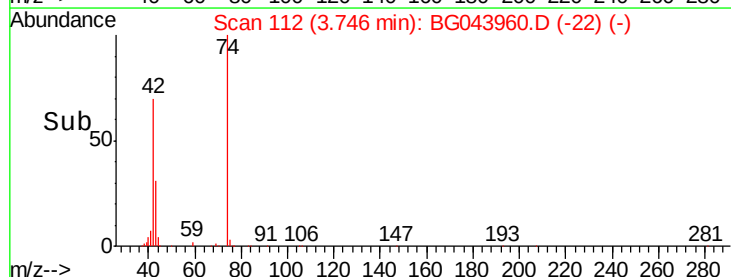
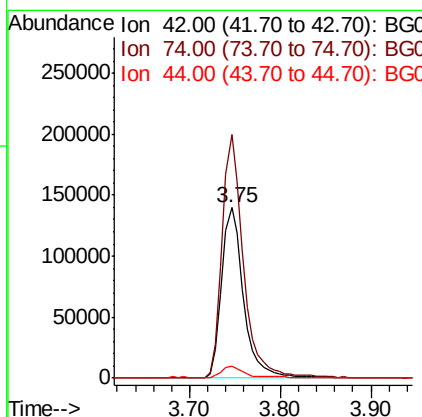
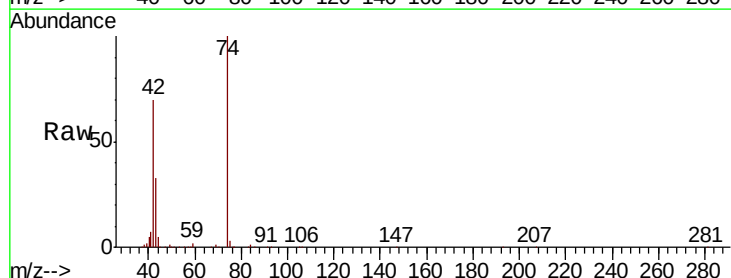
RT: 3.75 min Scan# 112

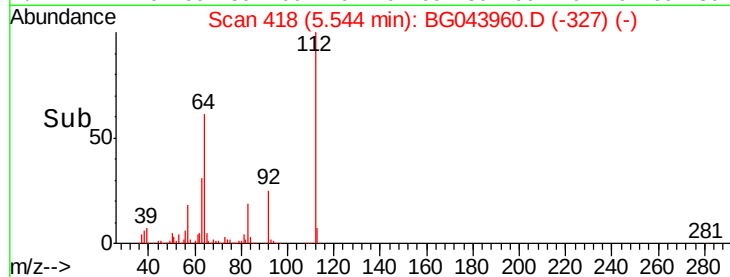
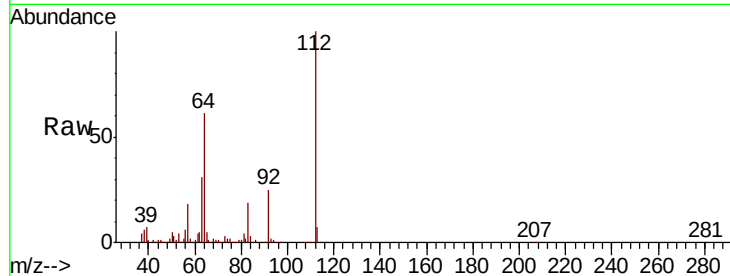
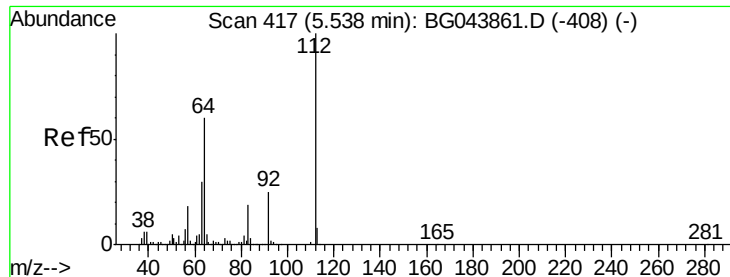
Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:	42	Resp:	232543
Ion	Ratio	Lower	Upper
42	100		
74	142.8	108.6	162.8
44	6.7	5.0	7.6





#5

2-Fluorophenol

Concen: 90.780 ng

RT: 5.54 min Scan# 418

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tot Ion:	112	Resp:	837167
Ion Ratio	Lower	Upper	
112	100		
64	61.1	47.8	71.6
63	31.0	24.3	36.5

Instrument :

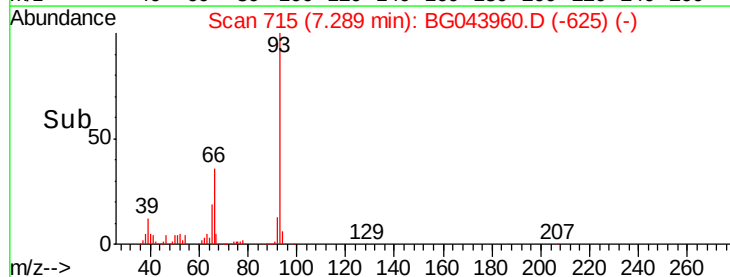
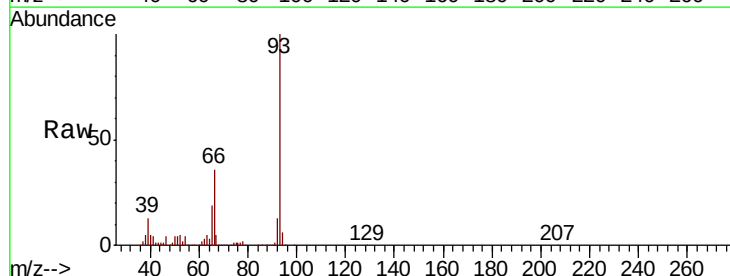
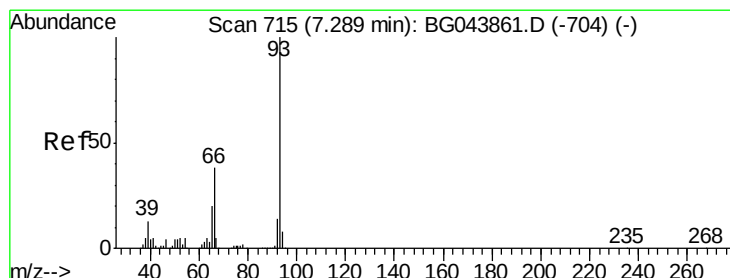
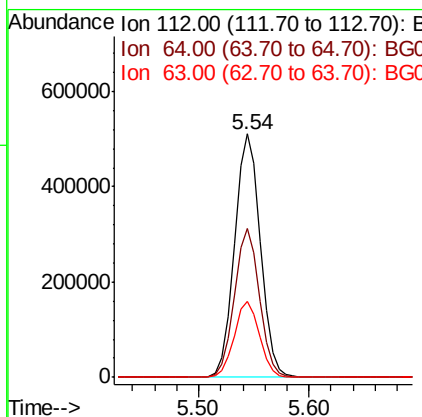
BNA_G

ClientSampleId :

301-305MS

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#6

Aniline

Concen: 21.470 ng

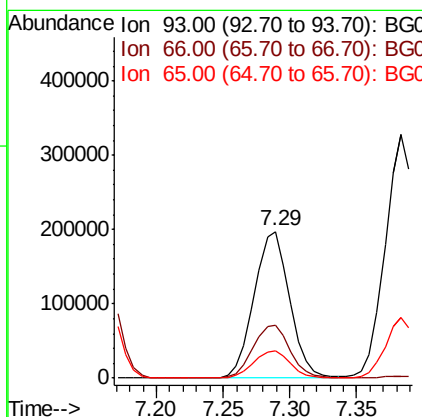
RT: 7.29 min Scan# 715

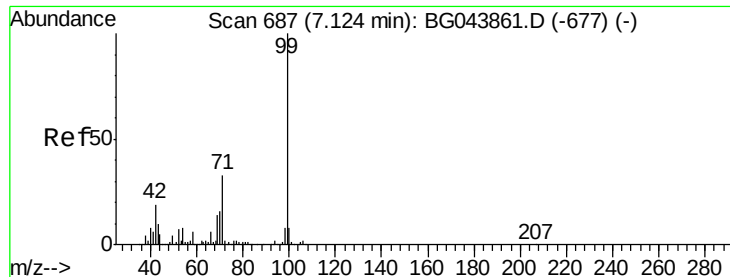
Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:	93	Resp:	363511
Ion Ratio	Lower	Upper	
93	100		
66	36.3	30.8	46.2
65	18.7	16.0	24.0





#7

Phenol-d6

Concen: 88.001 ng

RT: 7.14 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

ClientSampleId :

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Tot Ion: 99 Resp: 1134381

Ion Ratio Lower Upper

99 100

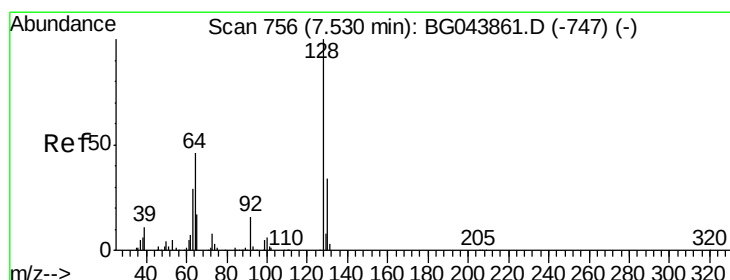
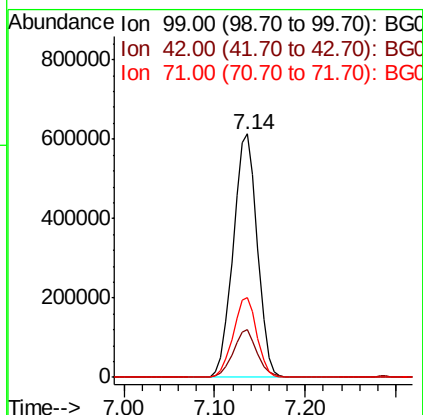
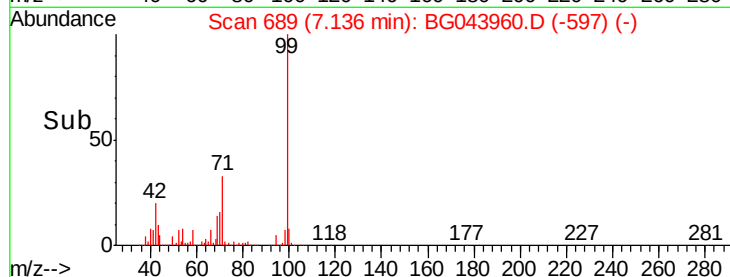
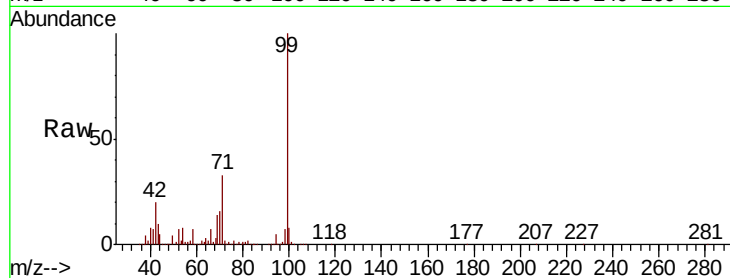
42 19.7 14.9 22.3

71 32.9 26.4 39.6

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#8

2-Chlorophenol

Concen: 49.949 ng

RT: 7.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

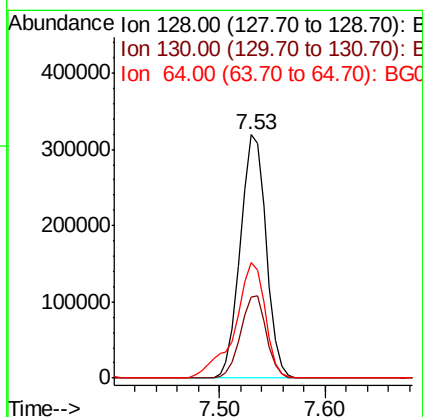
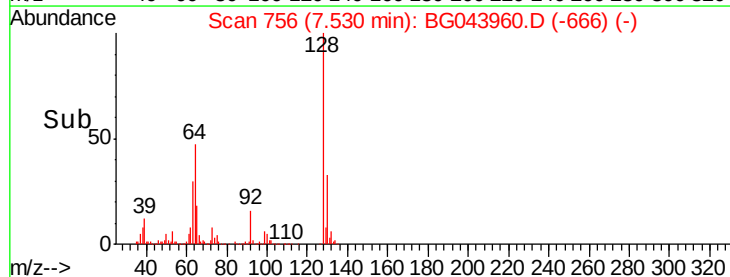
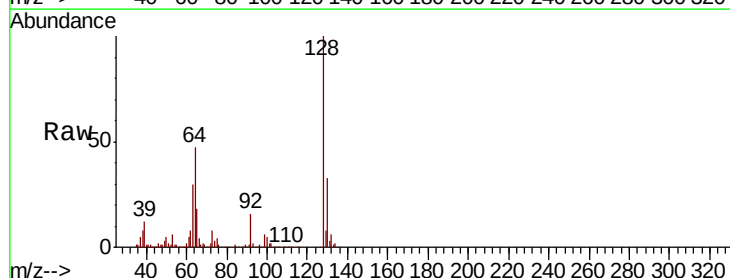
Tgt Ion: 128 Resp: 540765

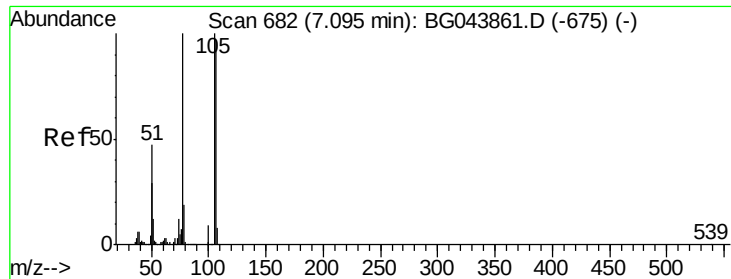
Ion Ratio Lower Upper

128 100

130 33.3 13.8 53.8

64 47.2 27.6 67.6





#9

Benzaldehyde

Concen: 38.792 ng

RT: 7.10 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

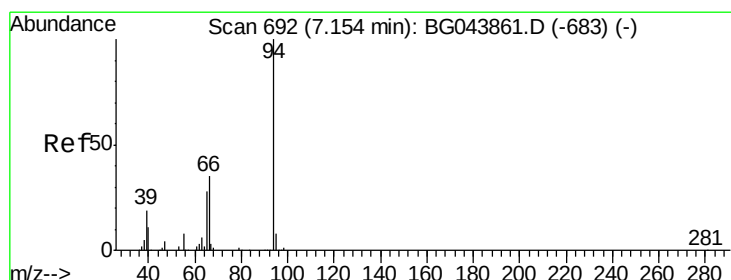
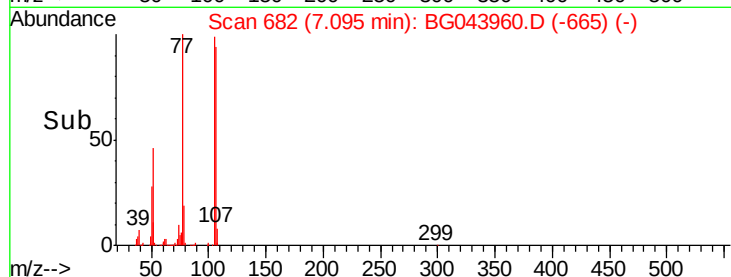
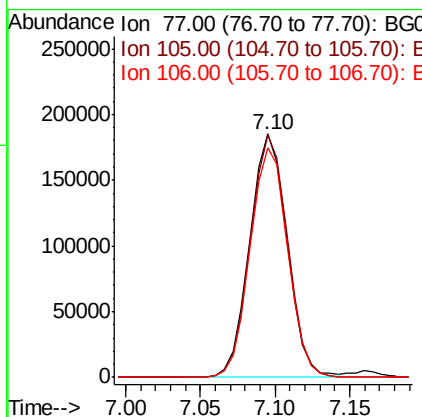
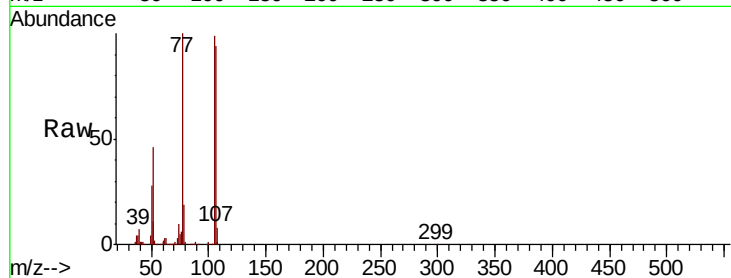
ClientSampleId :

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Tot Ion:	77	Resp:	320040
Ion	Ratio	Lower	Upper
77	100		
105	99.4	80.2	120.2
106	94.4	77.2	117.2

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#10

Phenol

Concen: 50.713 ng

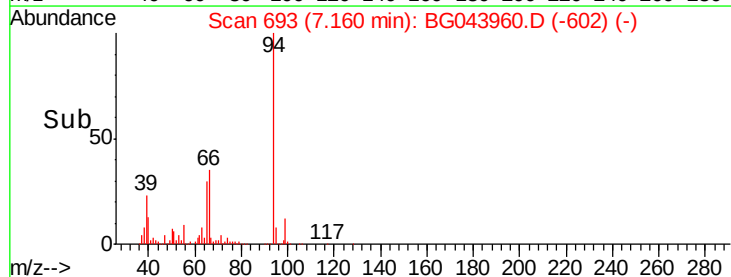
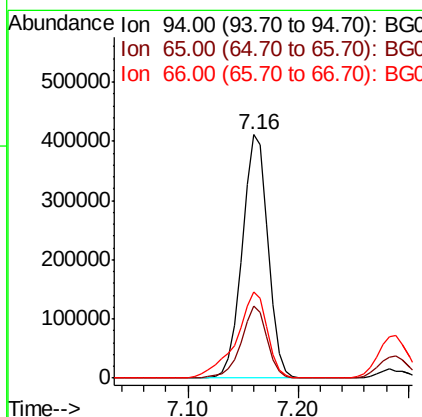
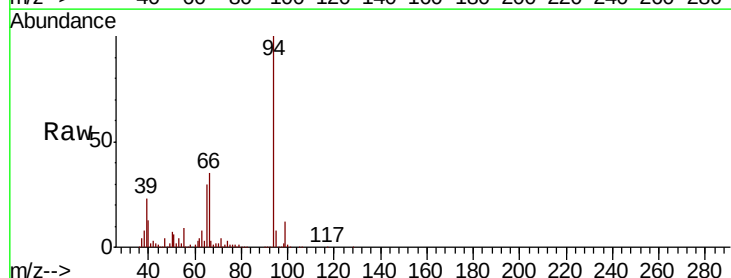
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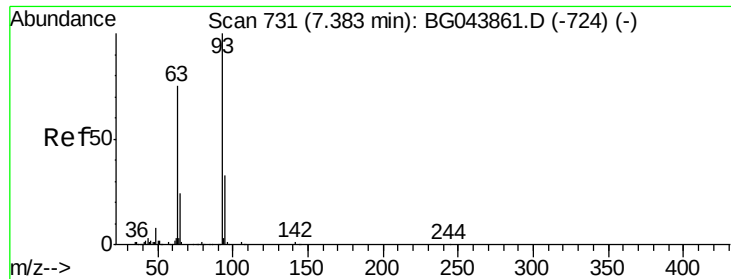
Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:	94	Resp:	673535
Ion	Ratio	Lower	Upper
94	100		
65	29.6	8.1	48.1
66	35.3	15.6	55.6





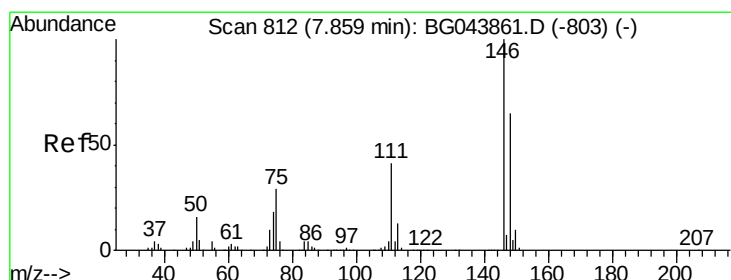
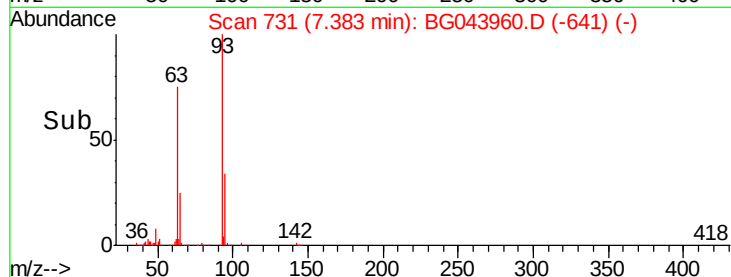
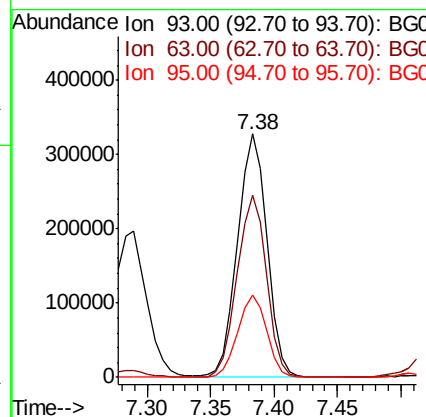
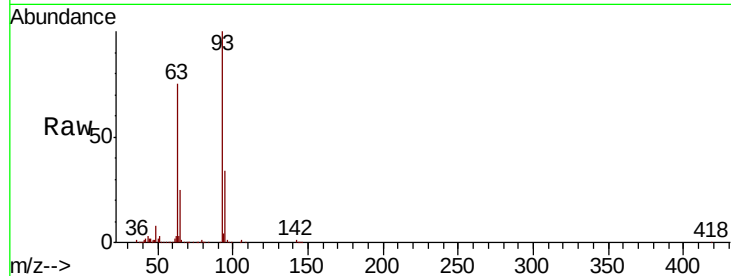
#11
bis(2-Chloroethyl)ether
Concen: 45.916 ng
RT: 7.38 min Scan# 731
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	75.0	55.0	95.0
95	33.6	13.3	53.3

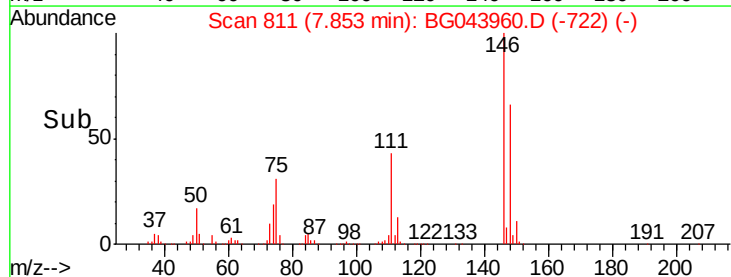
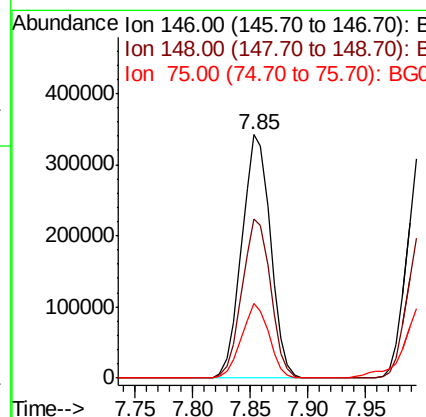
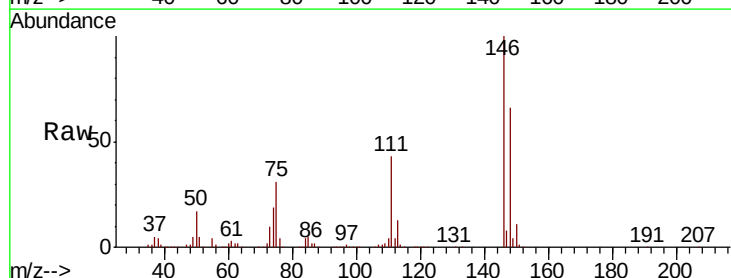
Manual Integrations
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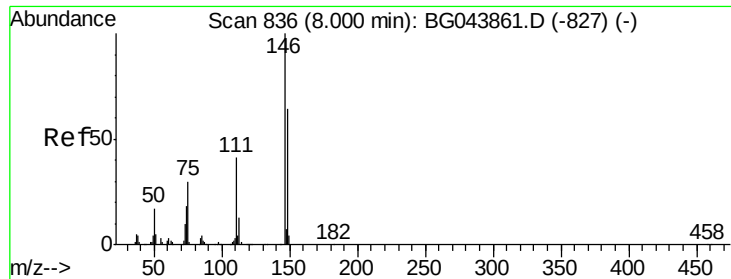
mohammad
1/8/2020 4:26:13 PM



#12
1,3-Dichlorobenzene
Concen: 46.369 ng
RT: 7.85 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.6	52.1	78.1
75	30.7	23.0	34.4





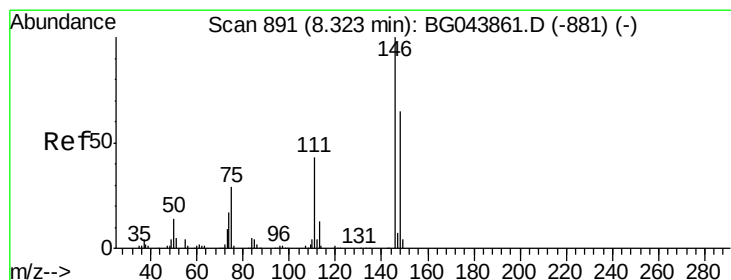
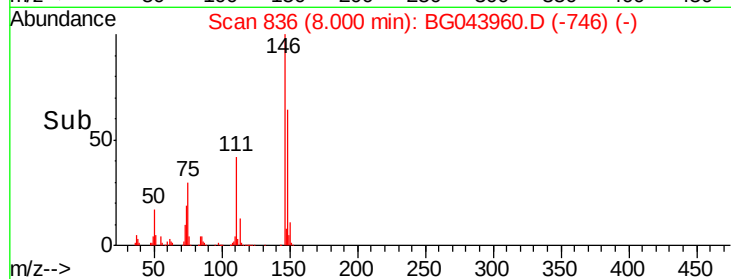
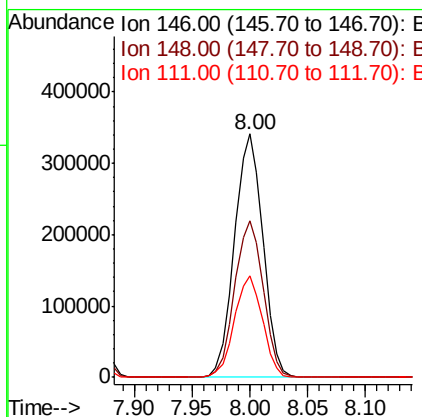
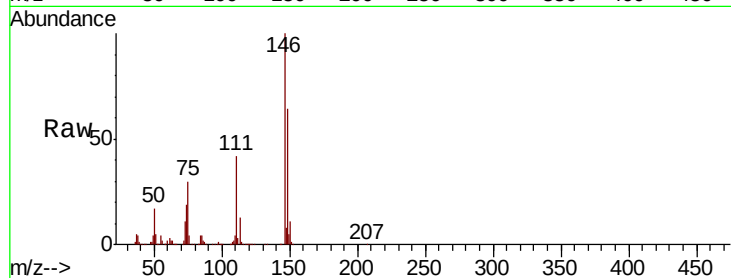
#13
 1,4-Dichlorobenzene
 Concen: 46.568 ng
 RT: 8.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 301-305MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	41.9	33.1	49.7

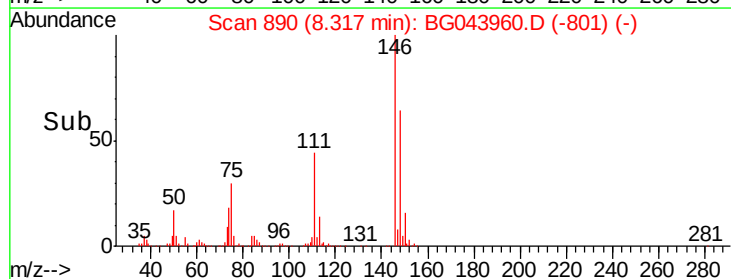
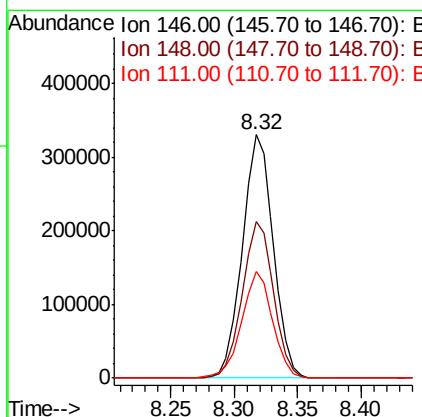
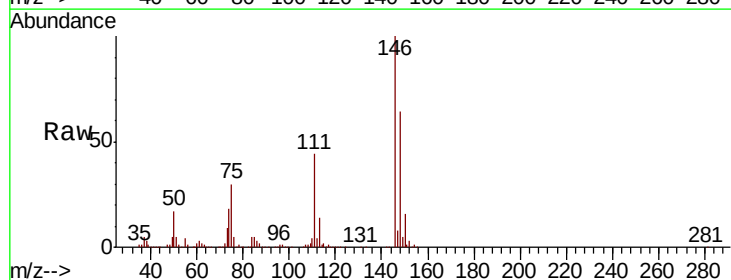
Manual Integrations
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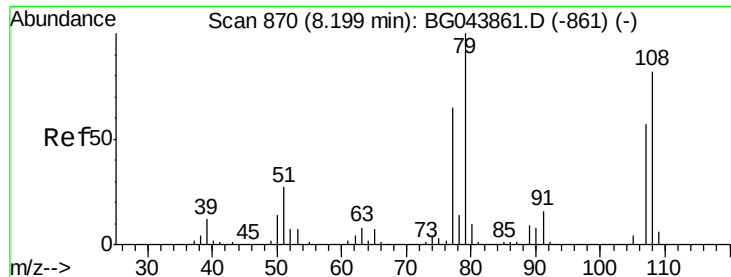
mohammad
 1/8/2020 4:26:13 PM



#14
 1,2-Dichlorobenzene
 Concen: 46.418 ng
 RT: 8.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
111	44.1	34.4	51.6





#15

Benzyl Alcohol

Concen: 45.651 ng

RT: 8.20 min Scan# 870

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

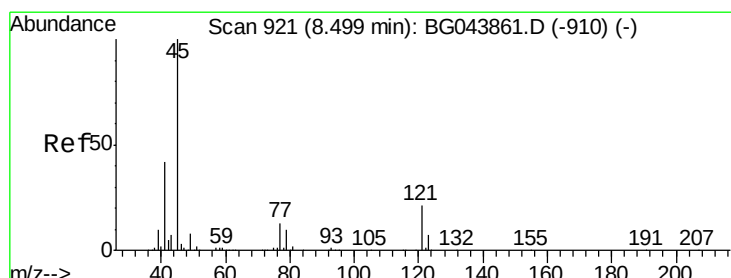
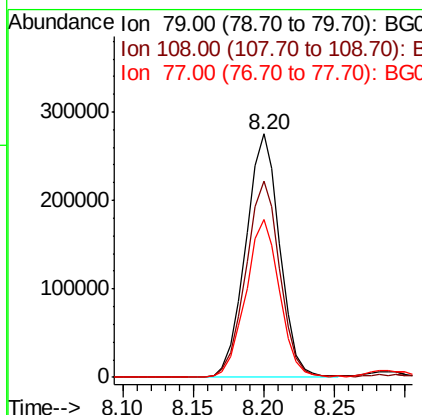
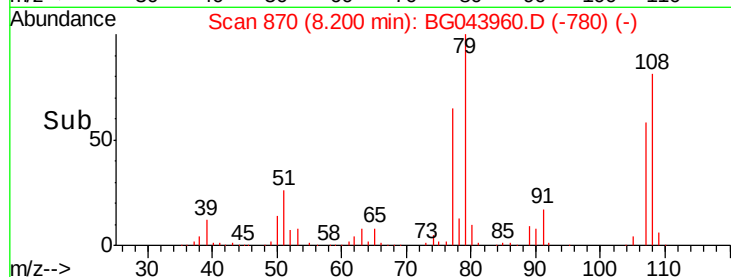
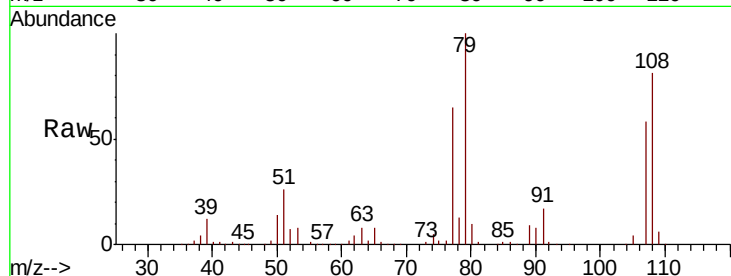
ClientSampled :

301-305MS

Tot Ion:	79	Resp:	464427
Ion Ratio	Lower	Upper	
79	100		
108	80.7	65.6	98.4
77	64.7	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.594 ng

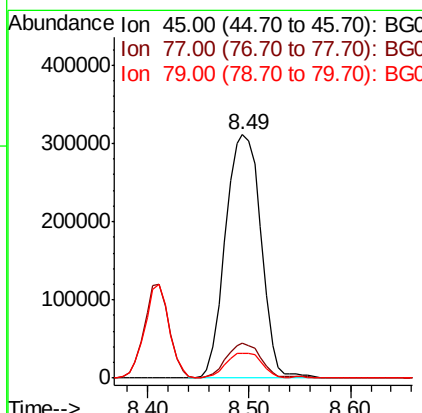
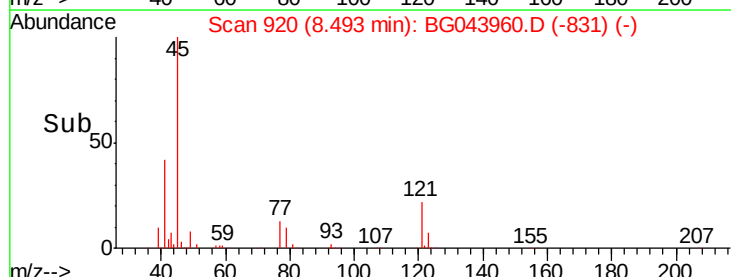
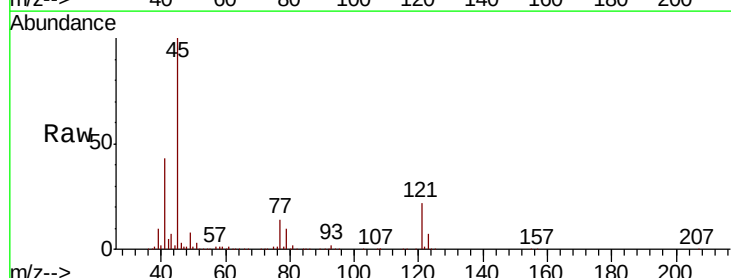
RT: 8.49 min Scan# 920

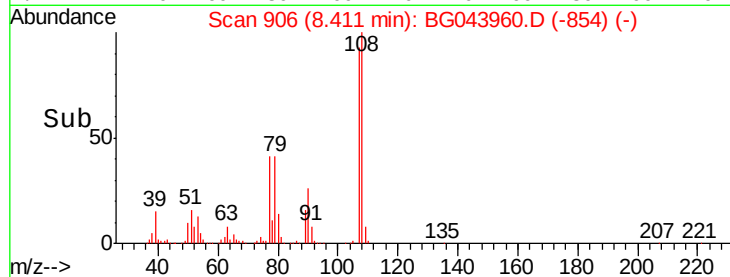
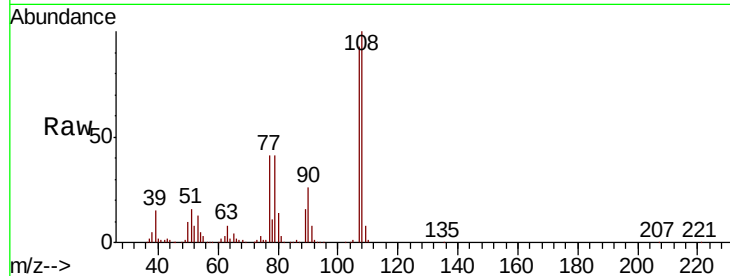
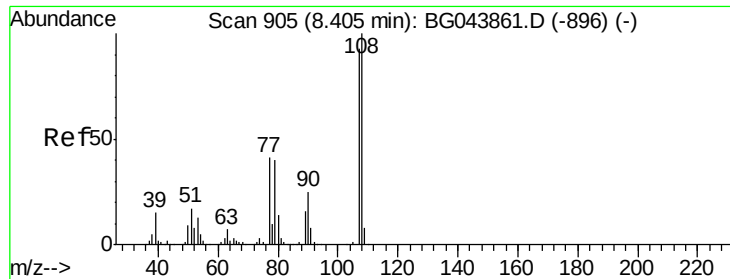
Delta R.T. -0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:	45	Resp:	755472
Ion Ratio	Lower	Upper	
45	100		
77	14.2	0.0	33.8
79	10.4	0.0	31.0





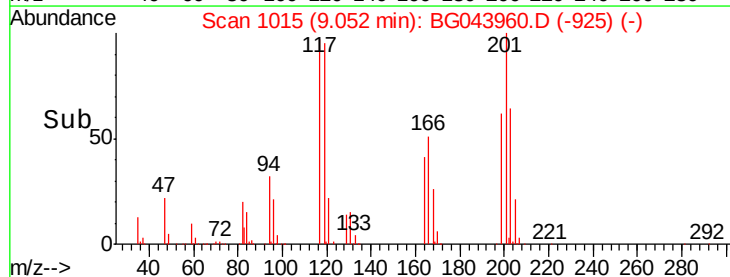
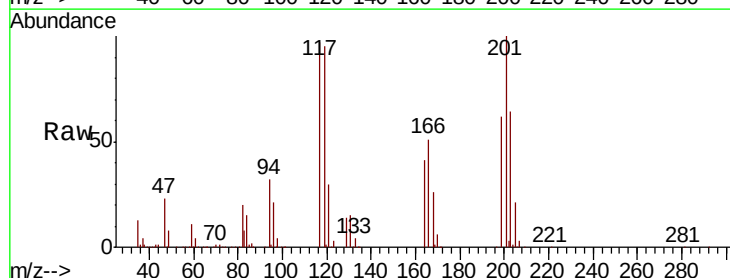
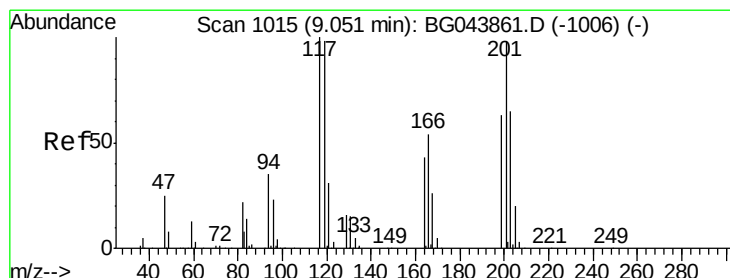
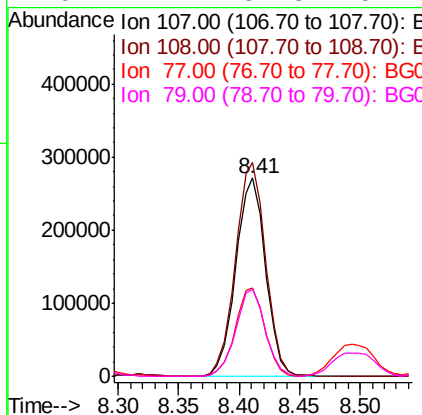
#17
2-Methylphenol
Concen: 48.406 ng
RT: 8.41 min Scan# 906
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.7	86.1	129.1	
77	44.2	35.4	53.0	
79	44.1	34.8	52.2	

Instrument :
BNA_G
ClientSampleId :
301-305MS

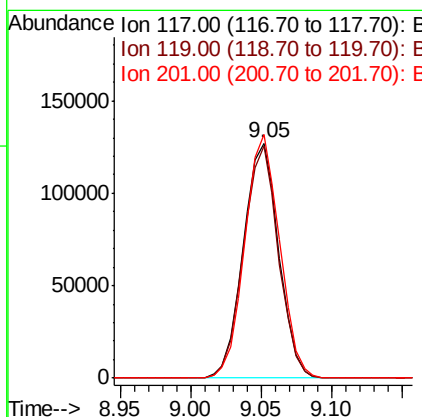
Manual Integrations
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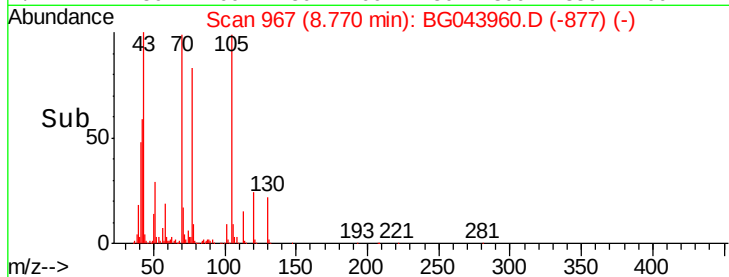
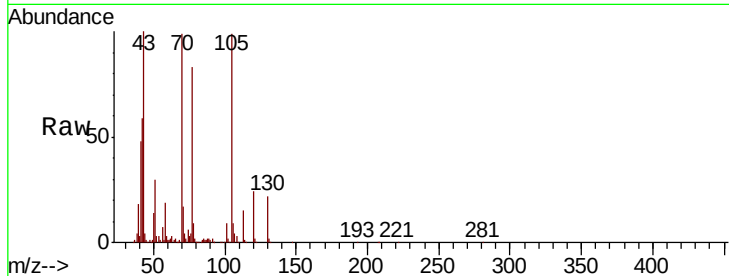
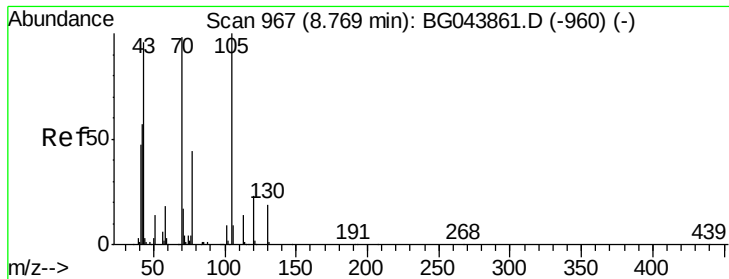
mohammad
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#18
Hexachloroethane
Concen: 45.970 ng
RT: 9.05 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.6	78.1	117.1	
201	103.5	78.6	117.8	





#19

n-Nitroso-di-n-propylamine

Concen: 42.228 ng

RT: 8.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

ClientSampleId :

301-305MS

Tot Ion: 70 Resp: 405379

Ion Ratio Lower Upper

70 100

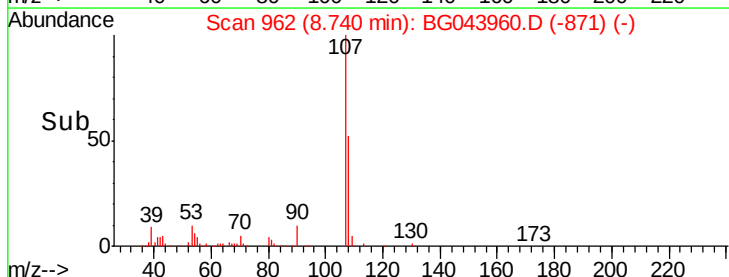
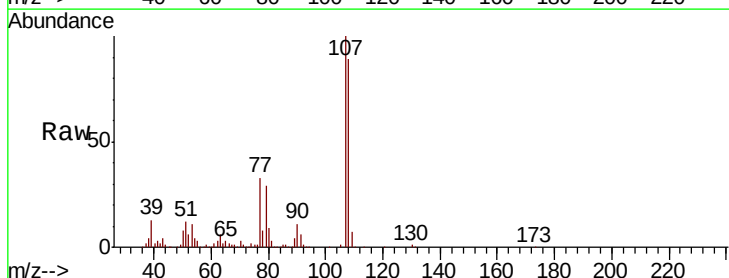
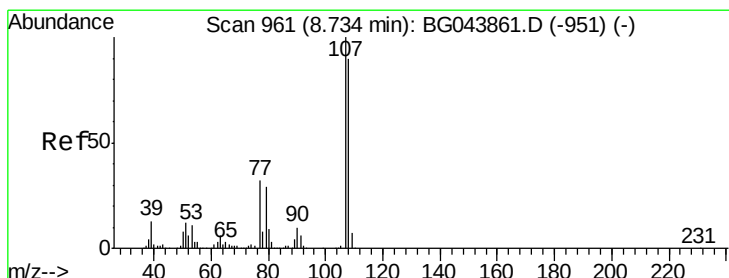
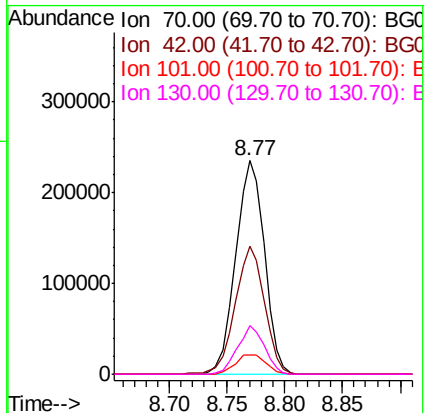
42 60.1 47.0 70.4

101 9.2 7.2 10.8

130 22.5 15.6 23.4

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#20

3+4-Methylphenols

Concen: 47.186 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion: 107 Resp: 632666

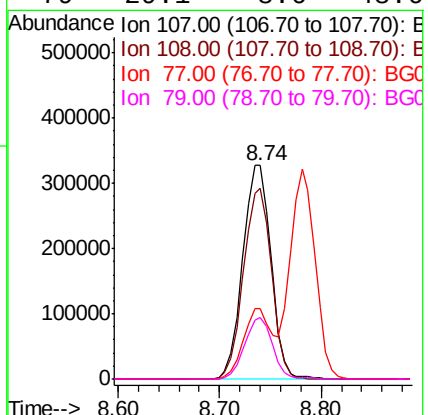
Ion Ratio Lower Upper

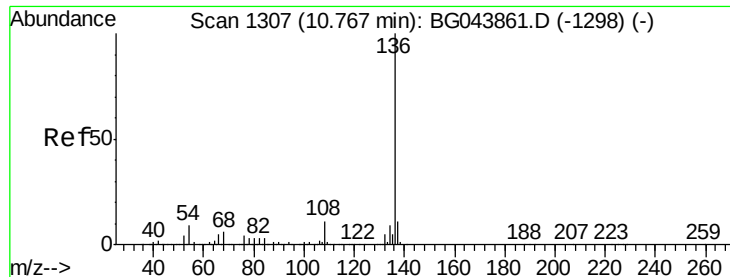
107 100

108 89.3 70.3 110.3

77 33.0 12.4 52.4

79 29.1 8.6 48.6





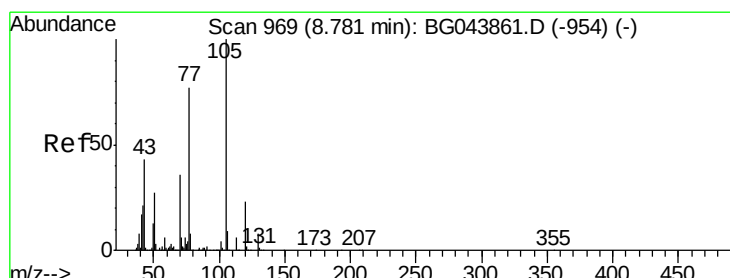
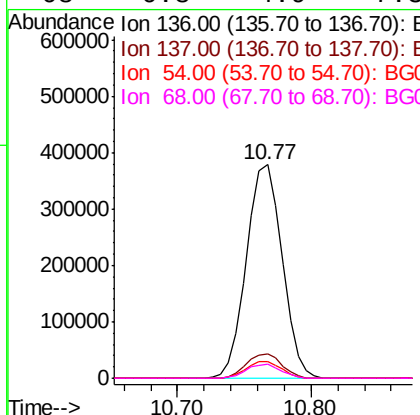
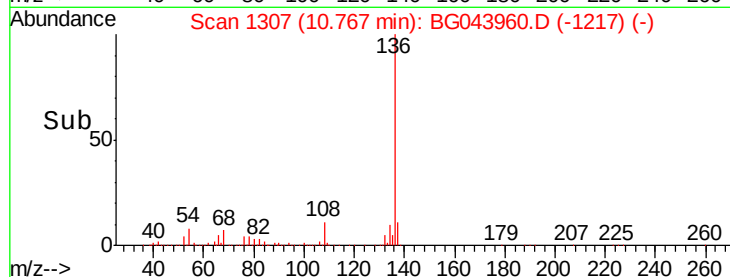
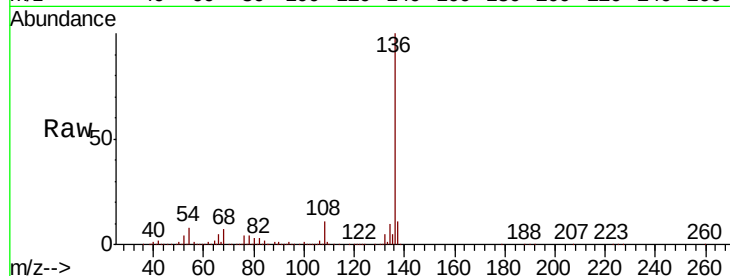
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.77 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	699844		
137	11.2		8.8	13.2
54	8.1		7.0	10.4
68	6.8		4.9	7.3

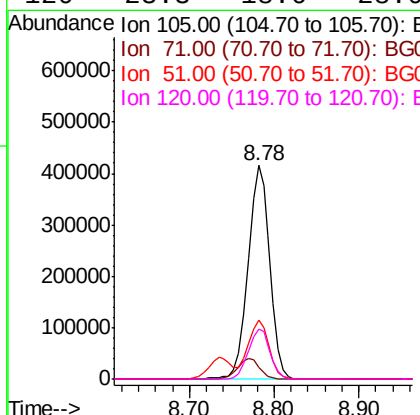
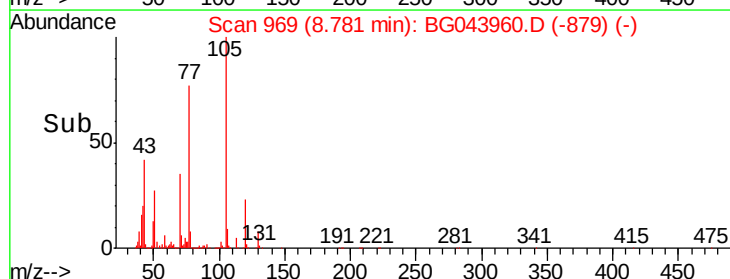
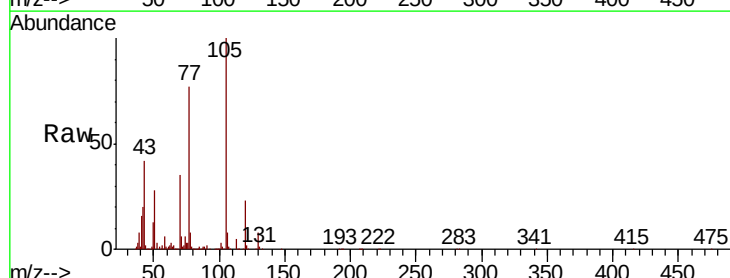
Manual Integrations
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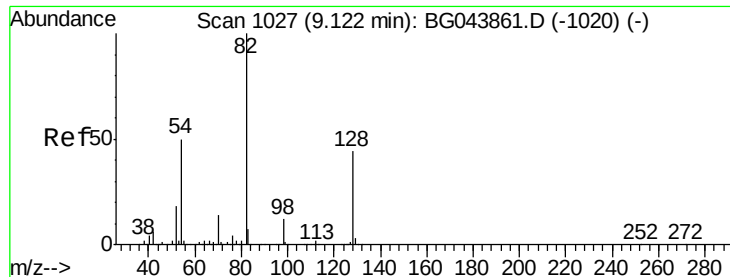
mohammad
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#22
Acetophenone
Concen: 42.586 ng
RT: 8.78 min Scan# 969
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	740945		
71	5.6		4.8	7.2
51	27.6		21.4	32.0
120	23.3		18.6	28.0





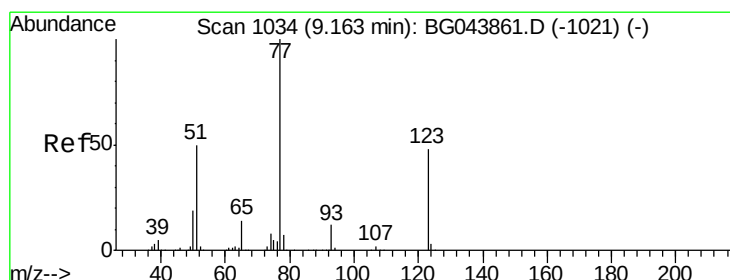
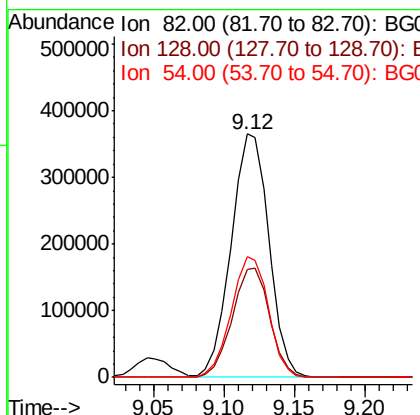
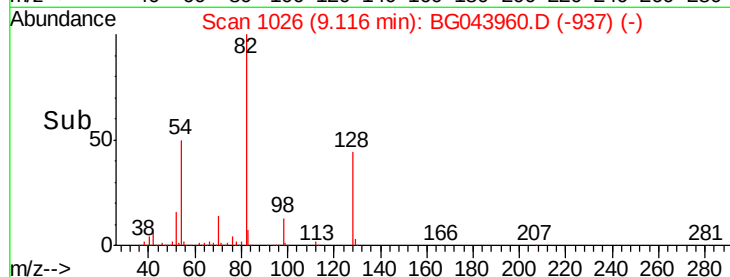
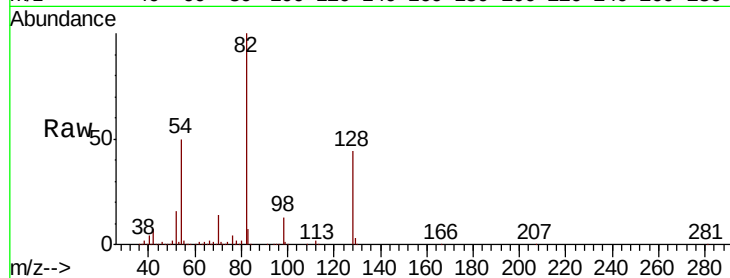
#23
 Nitrobenzene-d5
 Concen: 52.106 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.01 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Instrument :
 BNA_G
 ClientSampleID :
 301-305MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.1	52.7
54	49.8	40.1	60.1

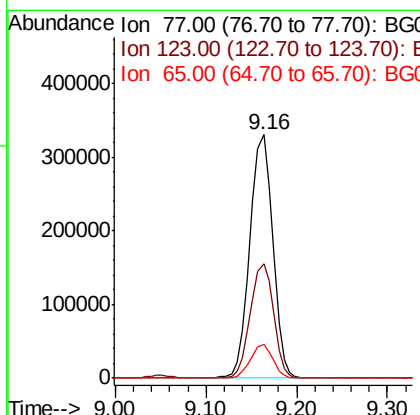
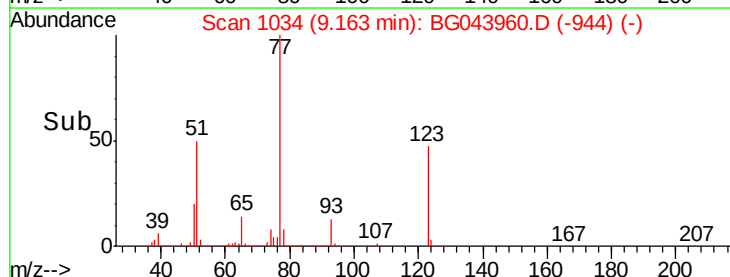
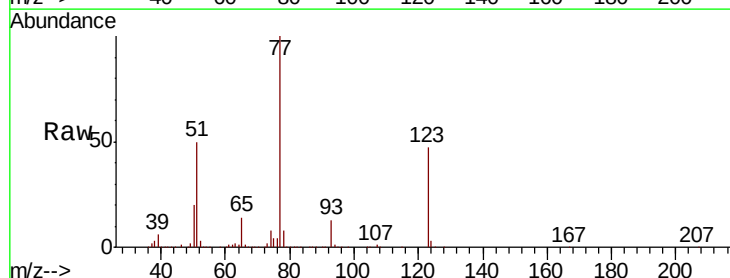
Manual Integrations
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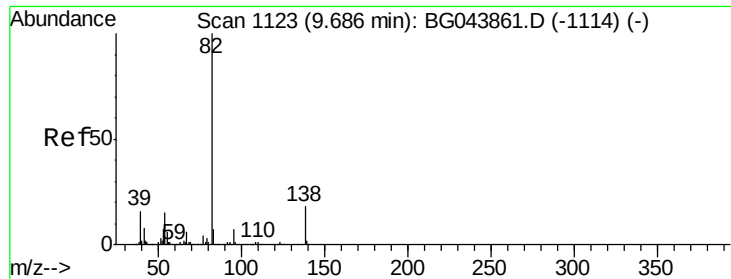
mohammad
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#24
 Nitrobenzene
 Concen: 44.931 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.2	38.7	58.1
65	13.6	11.1	16.7





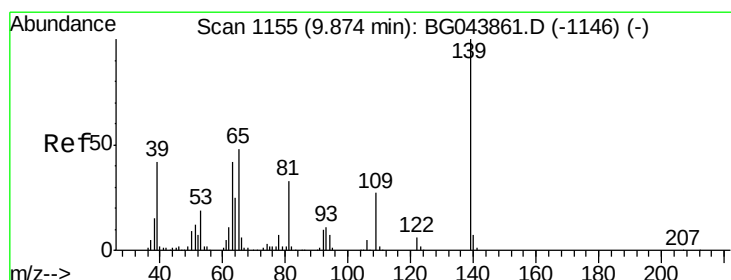
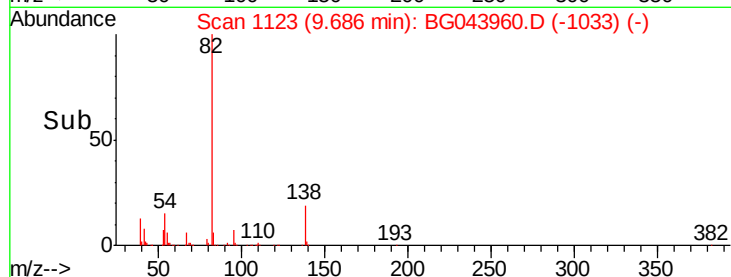
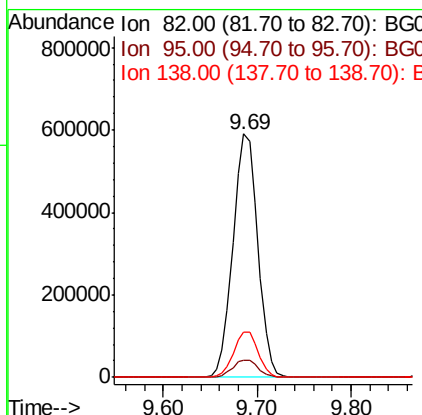
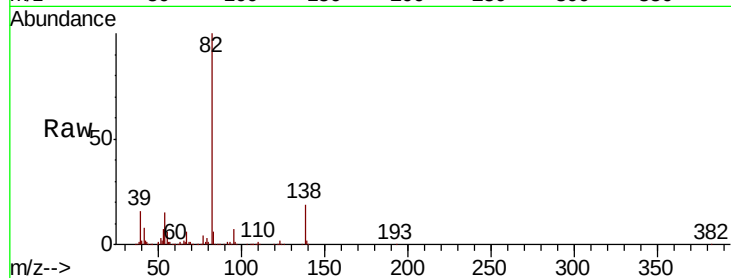
#25
Isophorone
Concen: 44.063 ng
RT: 9.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.7	14.6	22.0

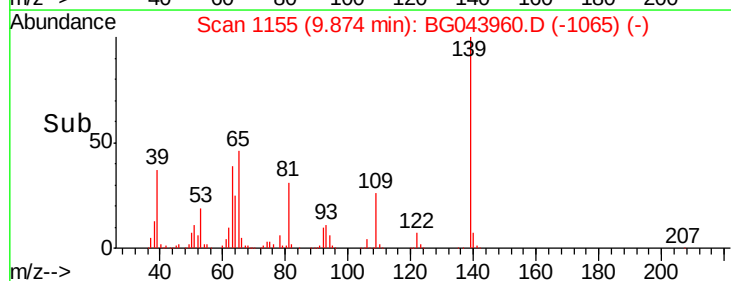
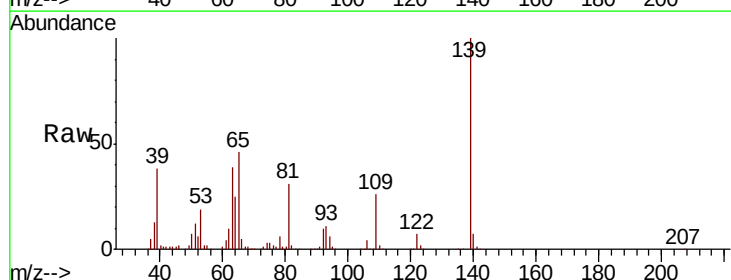
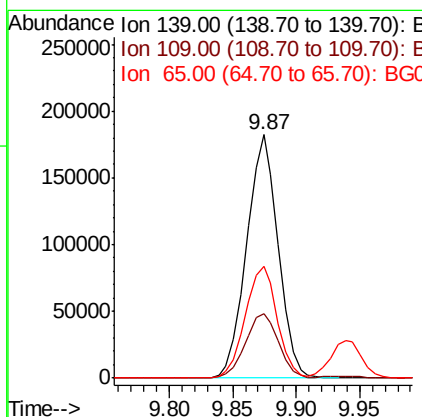
Manual Integrations
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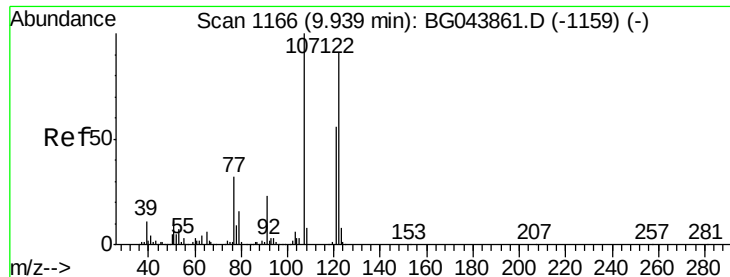
mohammad
1/8/2020 4:26:13 PM



#26
2-Nitrophenol
Concen: 51.226 ng
RT: 9.87 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.5	21.3	31.9
65	46.0	38.6	57.8





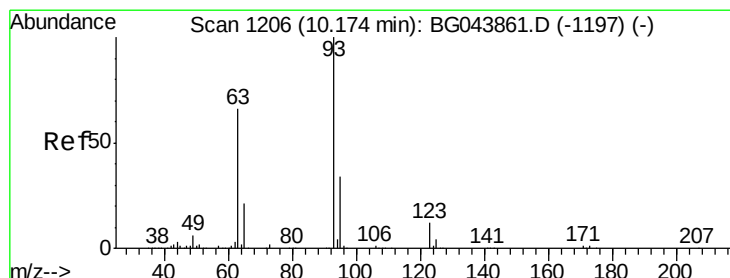
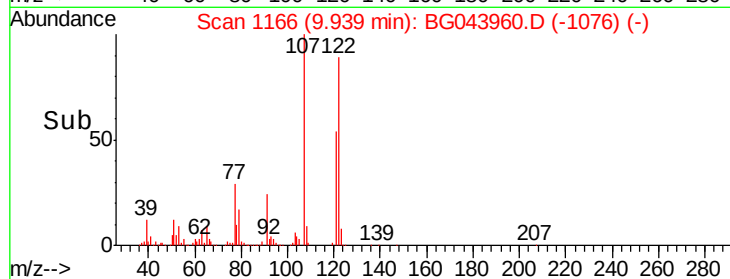
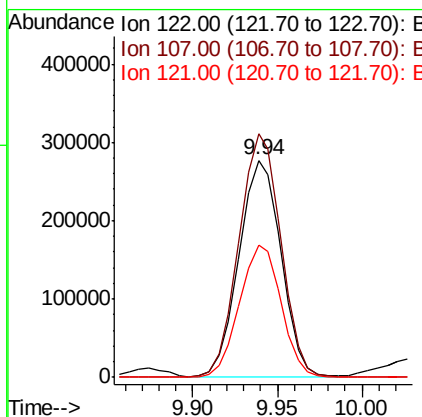
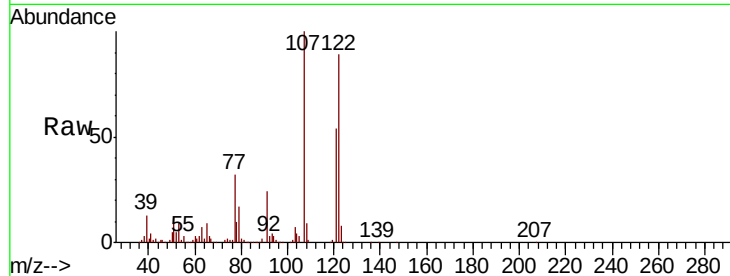
#27
2,4-Dimethylphenol
Concen: 51.957 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.3	88.0	132.0
121	60.8	49.0	73.4

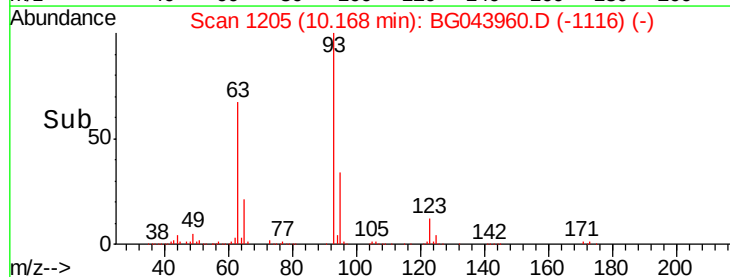
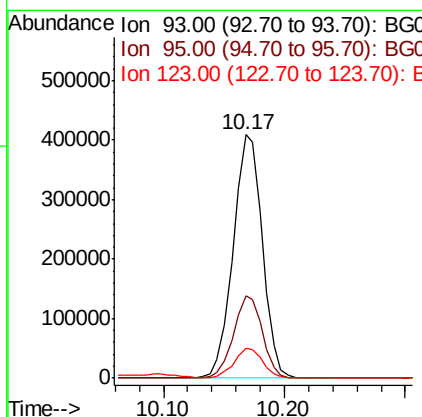
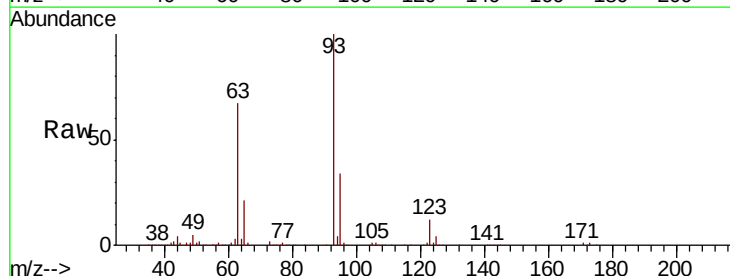
Manual Integrations
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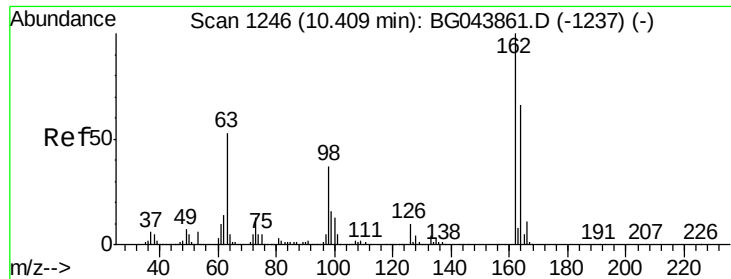
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.993 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	27.2	40.8
123	12.1	9.7	14.5





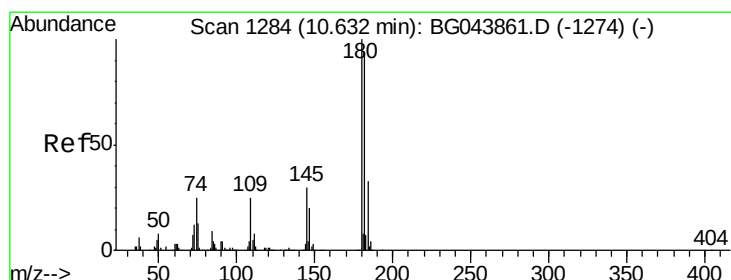
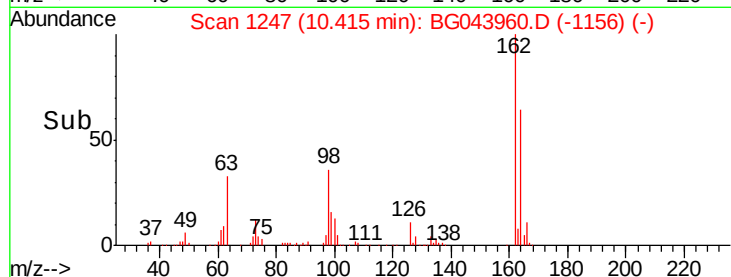
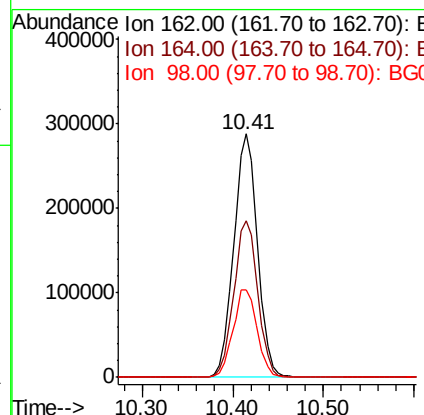
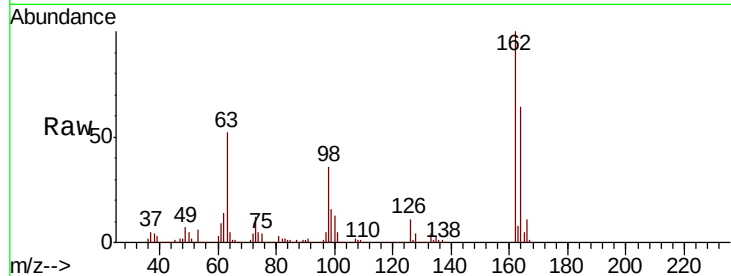
#29
2,4-Dichlorophenol
Concen: 47.474 ng
RT: 10.41 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	46.3	86.3
98	36.0	17.3	57.3

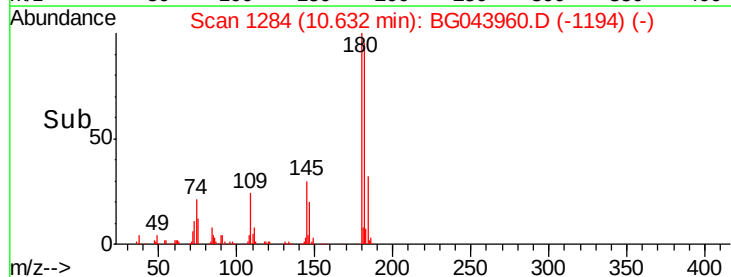
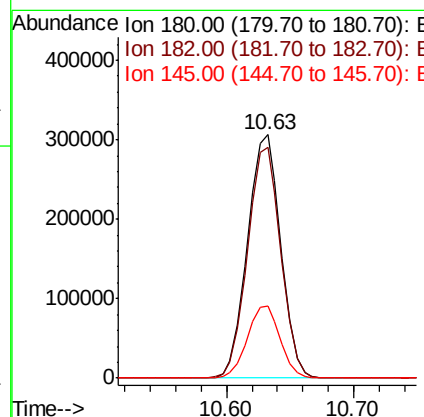
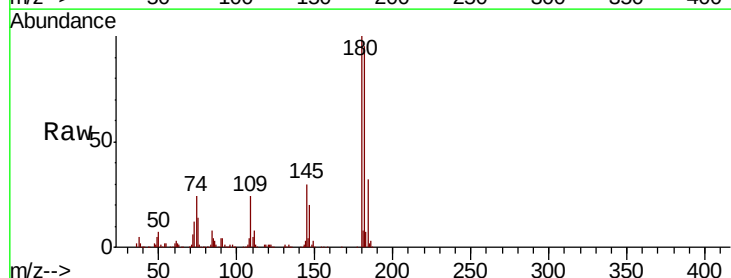
Manual Integrations
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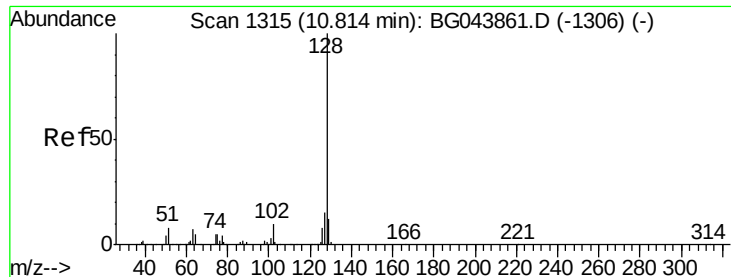
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#30
1,2,4-Trichlorobenzene
Concen: 45.054 ng
RT: 10.63 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.0	75.0	112.4
145	29.6	24.2	36.4





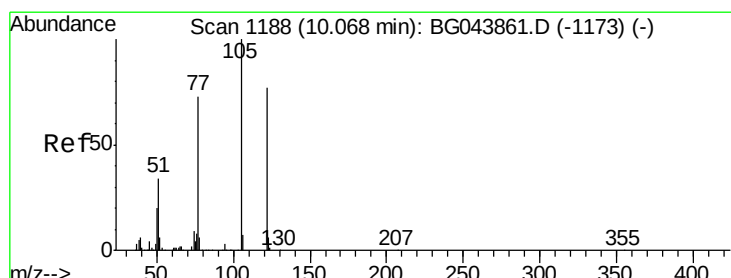
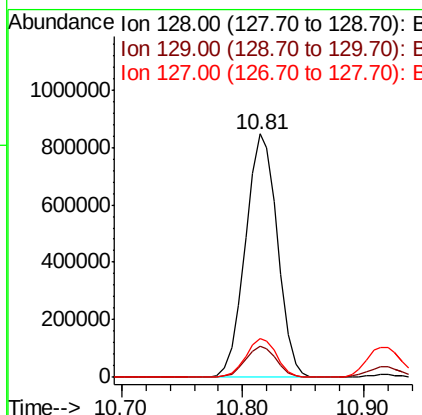
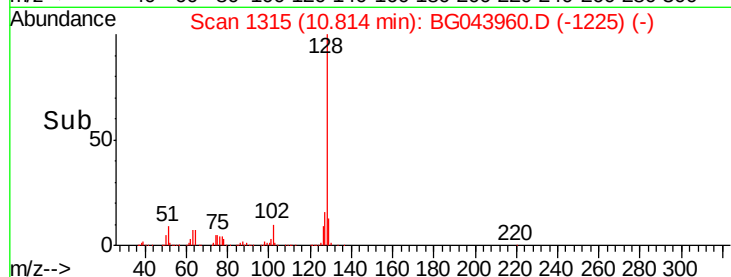
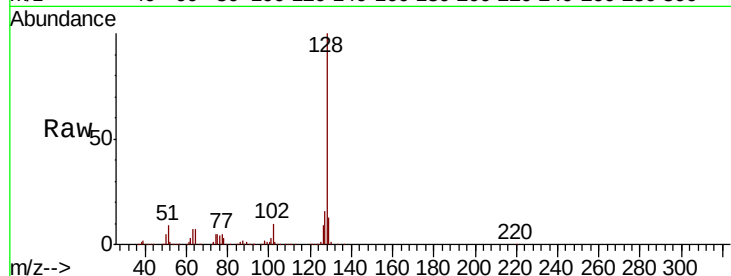
#31
Naphthalene
Concen: 46.014 ng
RT: 10.81 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.8	14.6
127	15.8	12.0	18.0

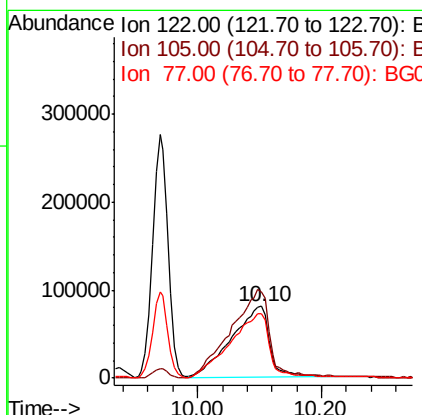
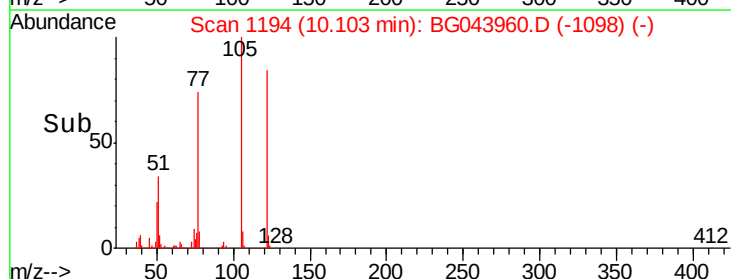
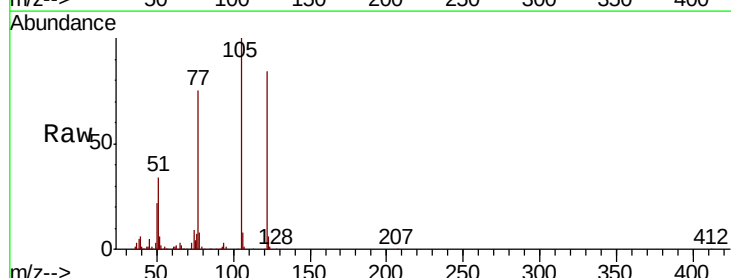
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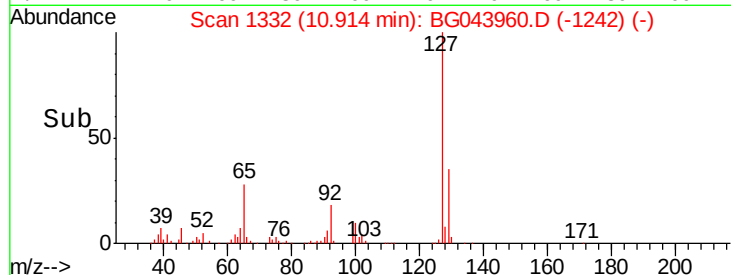
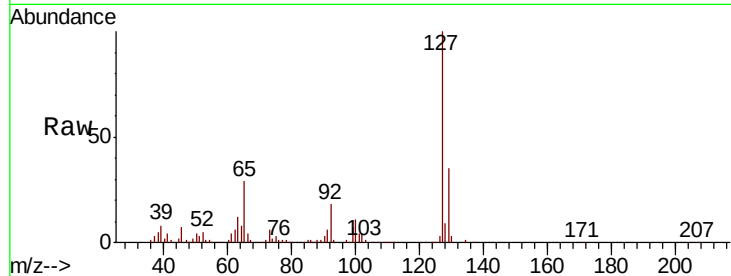
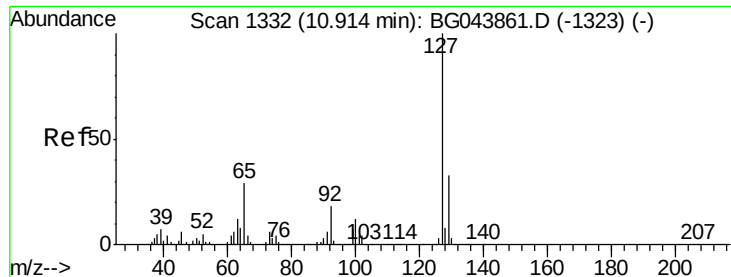
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#32
Benzoic acid
Concen: 46.560 ng
RT: 10.10 min Scan# 1194
Delta R.T. 0.04 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.7	106.4	146.4
77	89.5	74.6	114.6





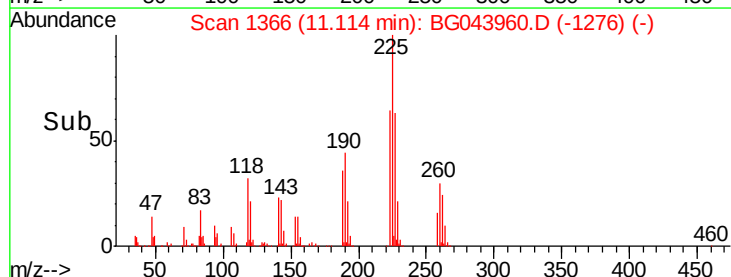
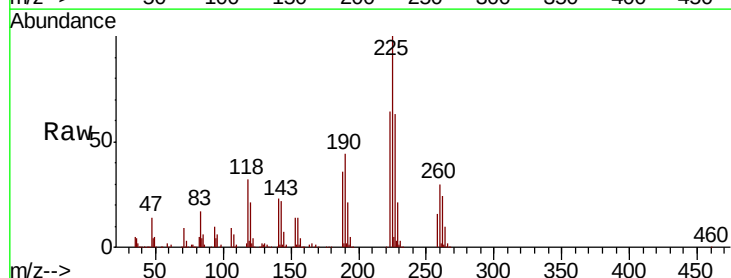
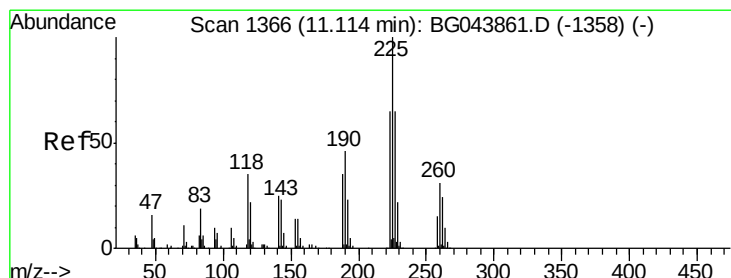
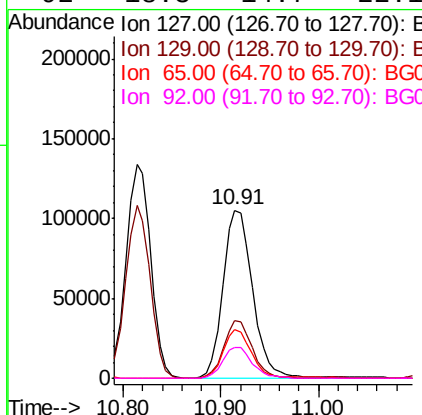
#33
4-Chloroaniline
Concen: 13.575 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.5	26.6	40.0
65	28.7	23.3	34.9
92	18.3	14.7	22.1

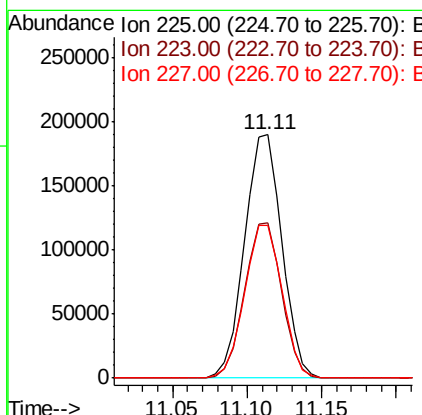
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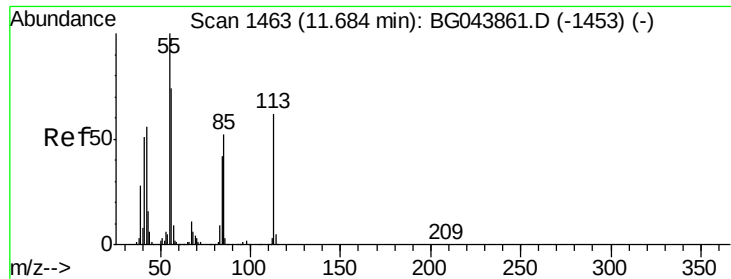
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#34
Hexachlorobutadiene
Concen: 43.497 ng
RT: 11.11 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.2	78.4
227	62.7	52.1	78.1





#35

Caprolactam

Concen: 46.890 ng/ml

RT: 11.70 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

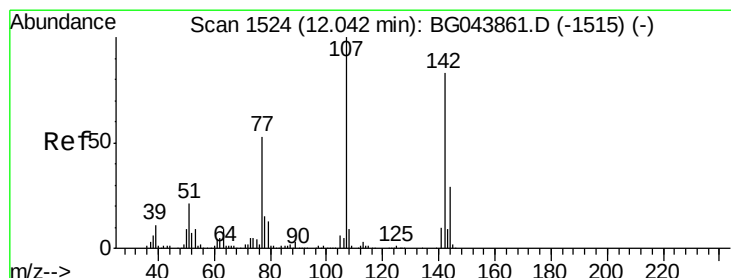
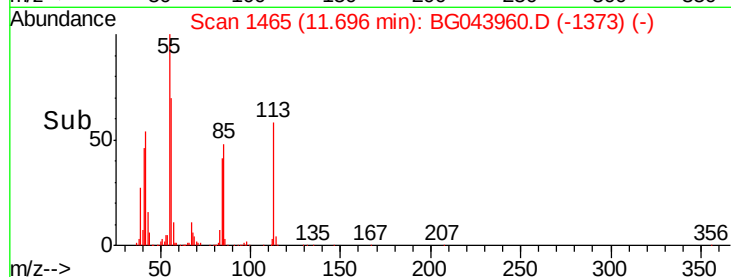
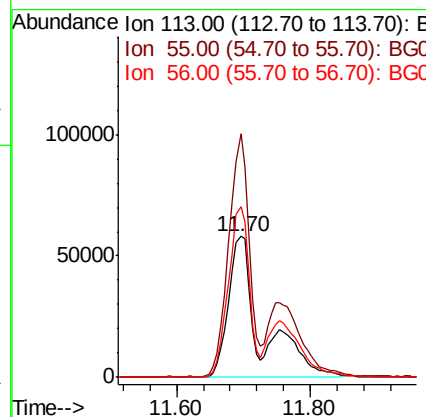
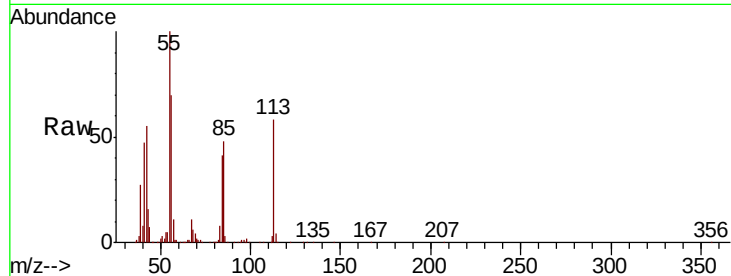
ClientSampled :

301-305MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.0	142.5	182.5
56	121.4	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 46.504 ng/ml

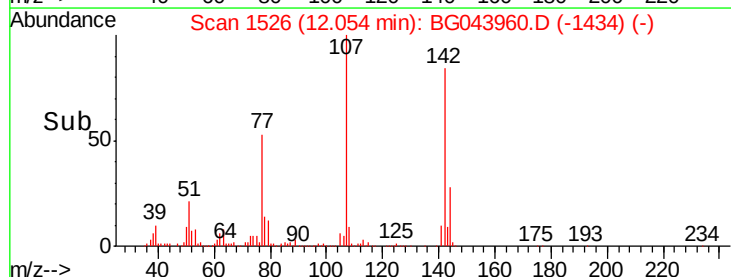
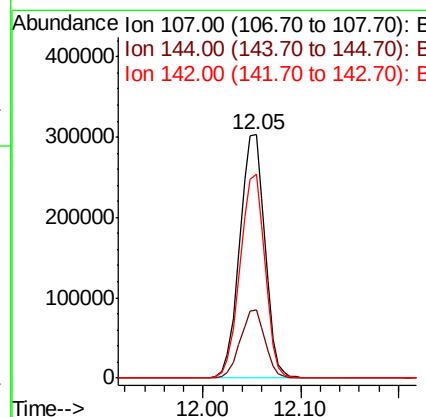
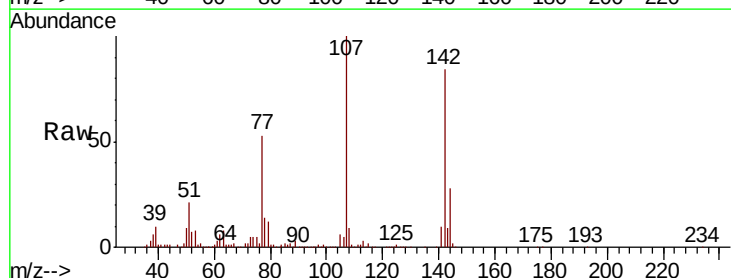
RT: 12.05 min Scan# 1526

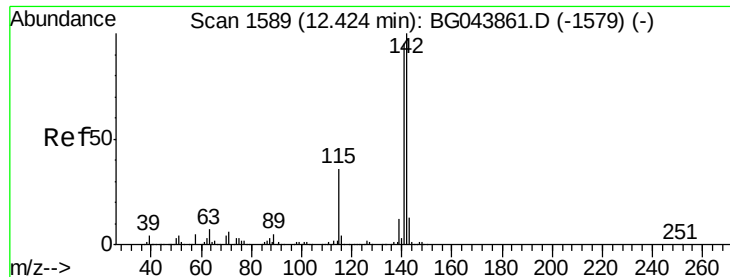
Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.3	23.4	35.2
142	83.6	66.3	99.5





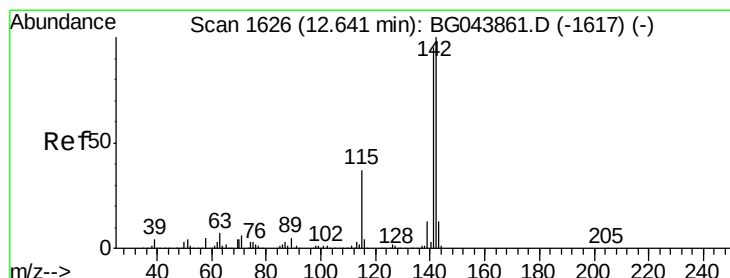
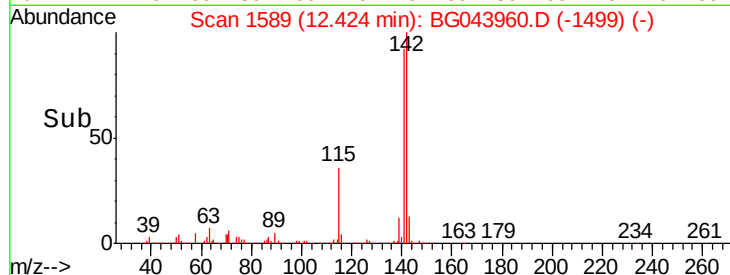
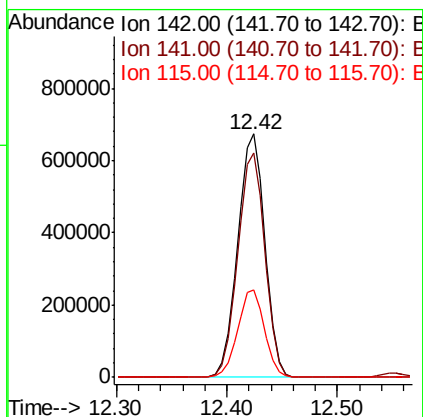
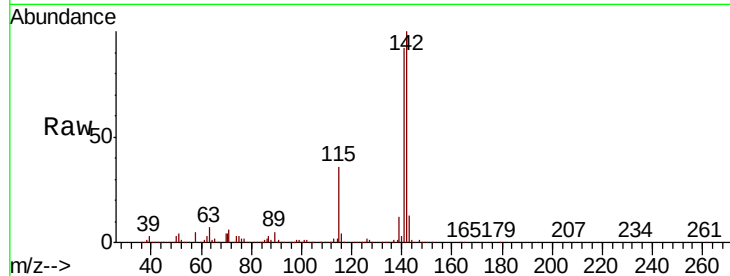
#37
2-Methylnaphthalene
Concen: 45.651 ng
RT: 12.42 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.8	113.8
115	36.1	28.6	42.8

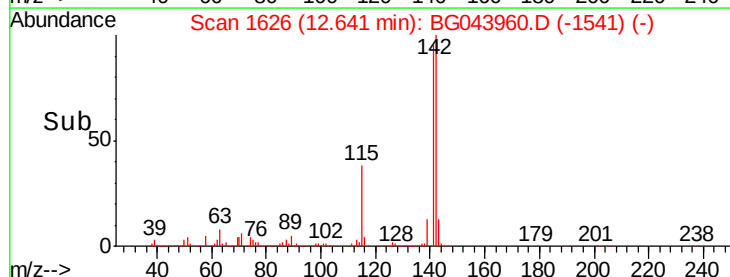
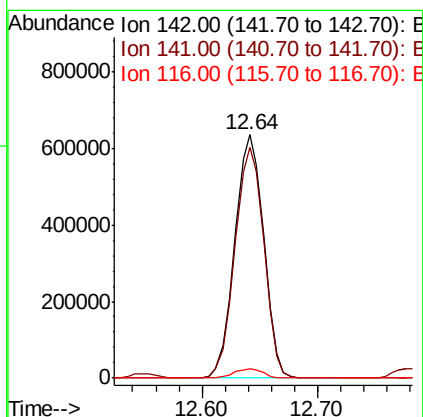
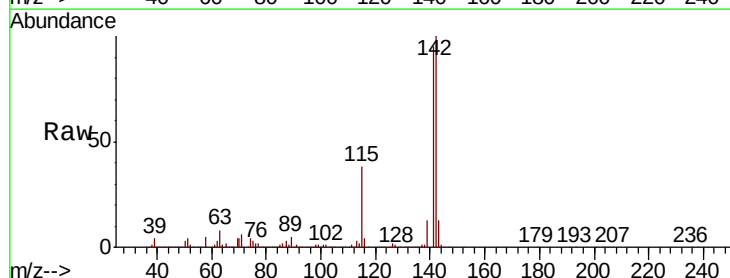
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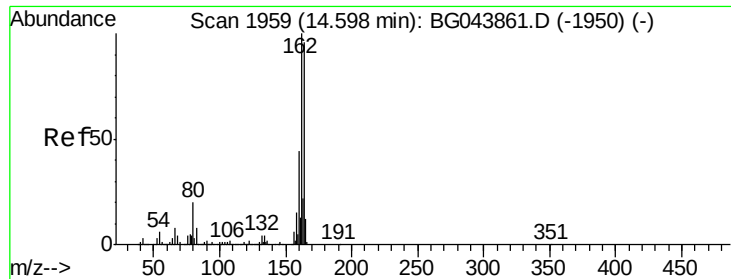
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#38
1-Methylnaphthalene
Concen: 45.380 ng
RT: 12.64 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.0	114.0
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

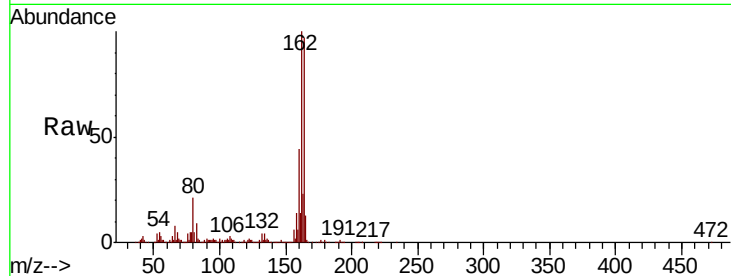
ClientSampleId :

301-305MS

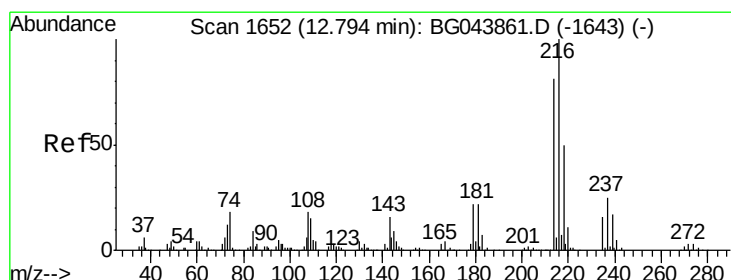
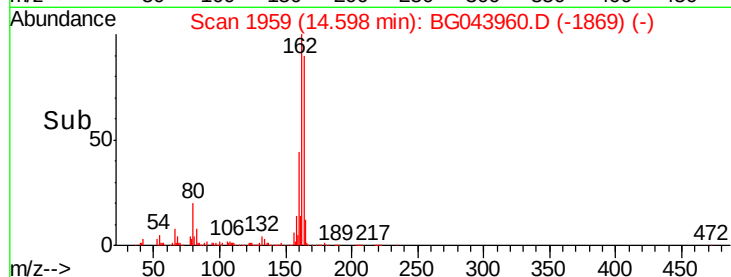
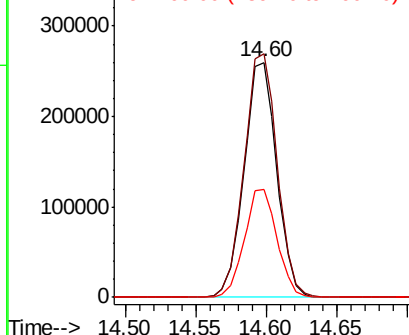
Tot Ion:	164	Resp:	419910
Ion Ratio	Lower	Upper	
164	100		
162	103.5	83.0	124.4
160	46.1	36.1	54.1

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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: 46.283 ng

RT: 12.79 min Scan# 1652

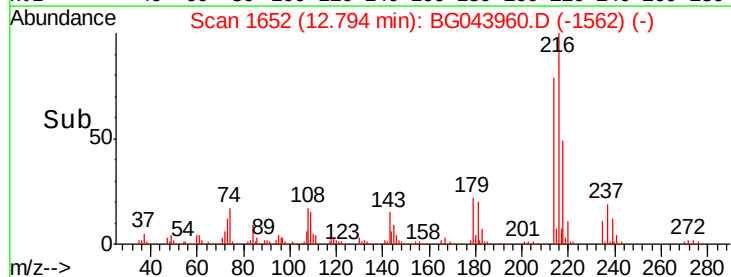
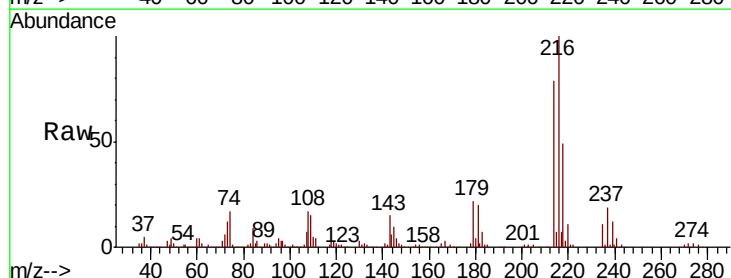
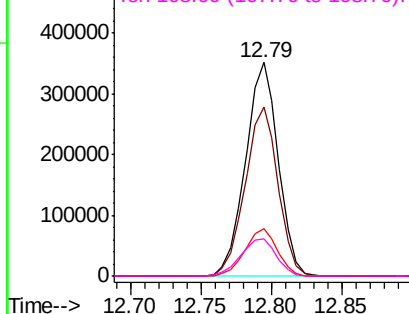
Delta R.T. 0.00 min

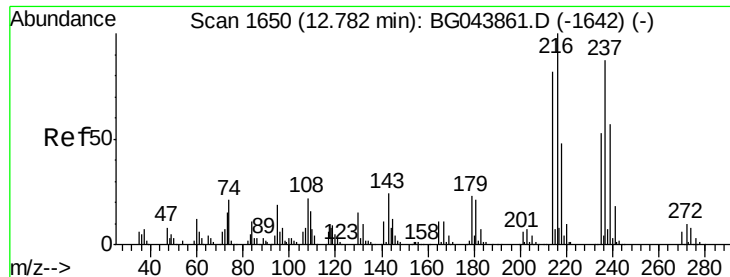
Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:	216	Resp:	569634
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.8	95.8
179	21.9	17.3	25.9
108	18.9	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: 51.839 ng

RT: 12.78 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

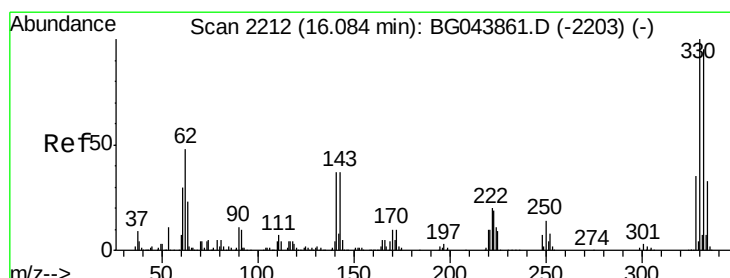
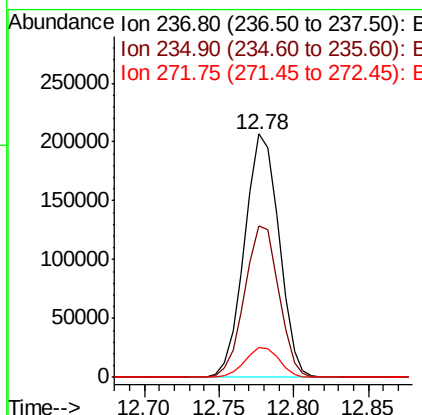
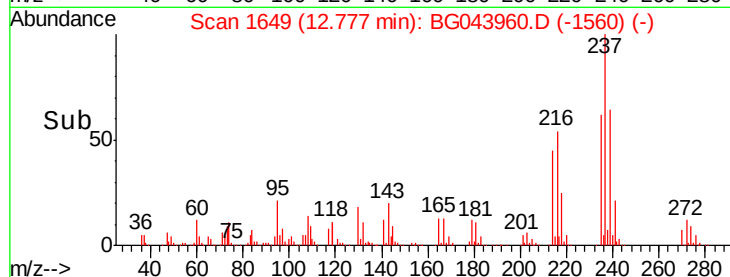
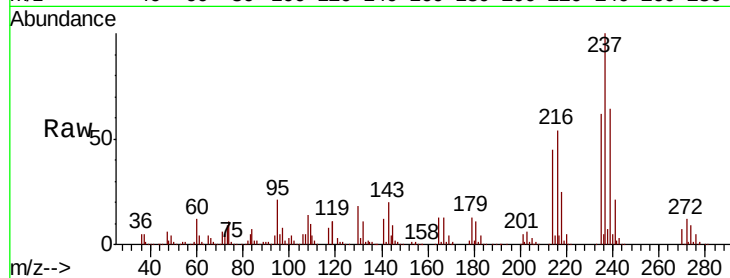
ClientSampled :

301-305MS

Tot Ion:	237	Resp:	330771
Ion Ratio	Lower	Upper	
237	100		
235	62.2	41.1	81.1
272	12.1	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 82.273 ng

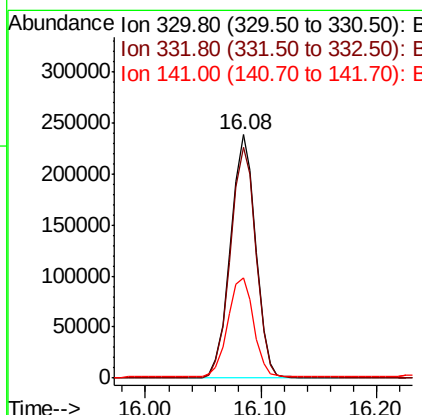
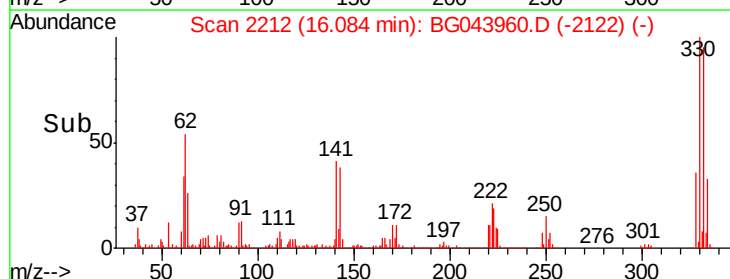
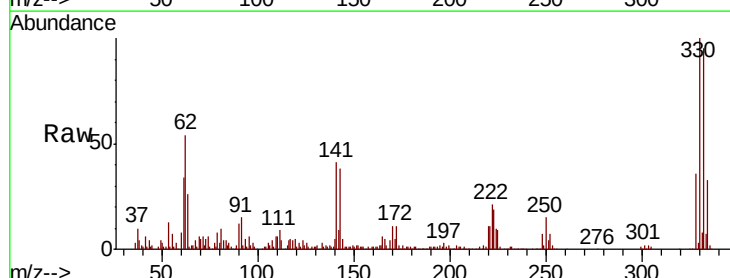
RT: 16.08 min Scan# 2212

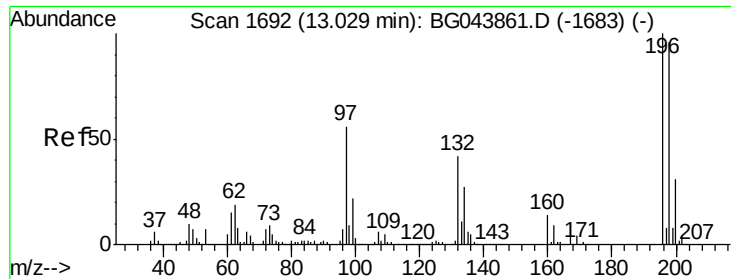
Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:	330	Resp:	361530
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.2	115.8
141	41.2	33.1	49.7





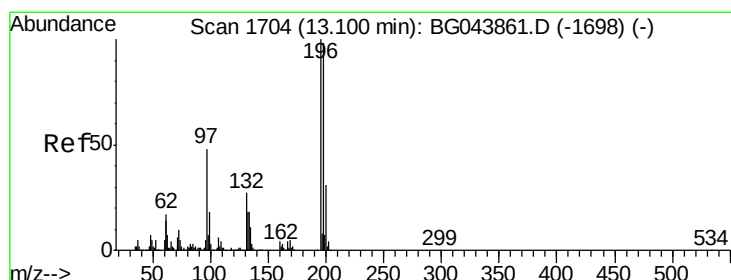
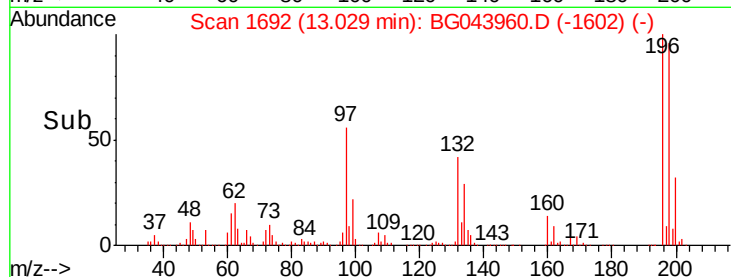
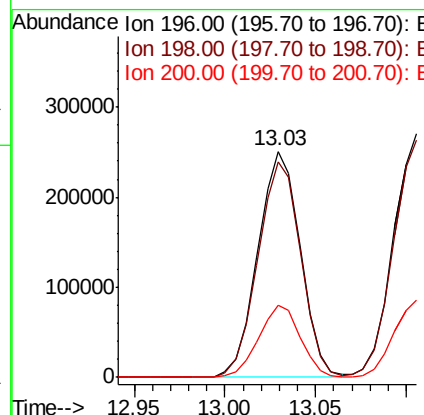
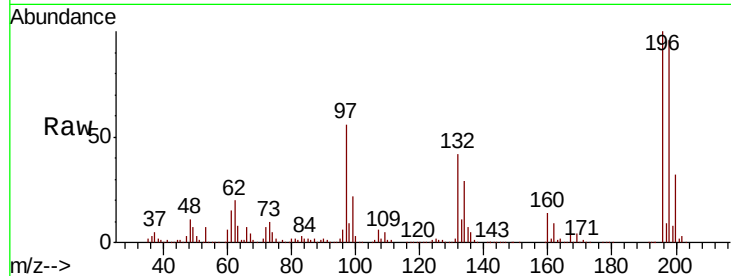
#43
 2,4,6-Trichlorophenol
 Concen: 48.209 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Instrument :
 BNA_G
 ClientSampled :
 301-305MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	408263		
198	95.5	76.6	115.0	
200	32.1	24.6	37.0	

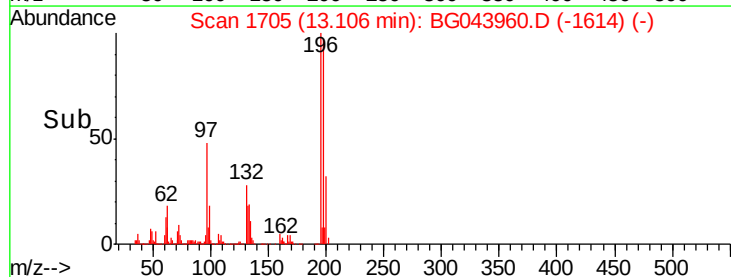
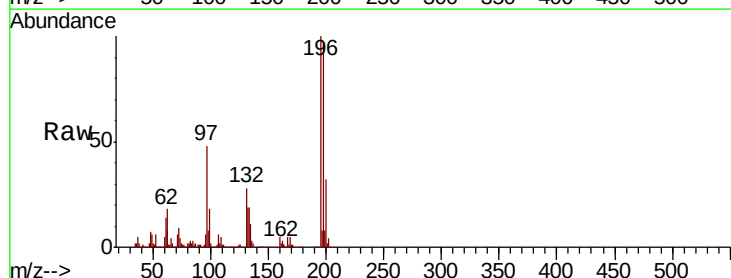
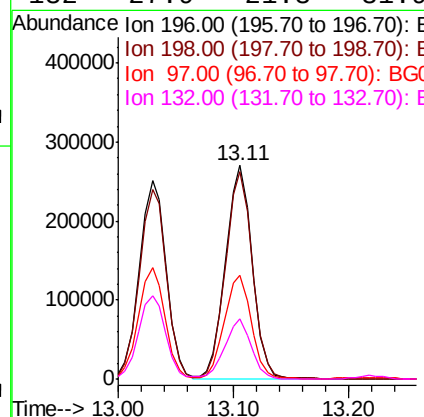
Manual Integrations
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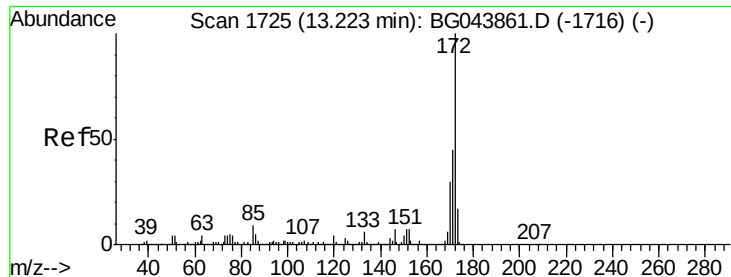
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#44
 2,4,5-Trichlorophenol
 Concen: 49.359 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	431117		
198	97.4	78.3	117.5	
97	48.4	38.8	58.2	
132	27.9	21.3	31.9	





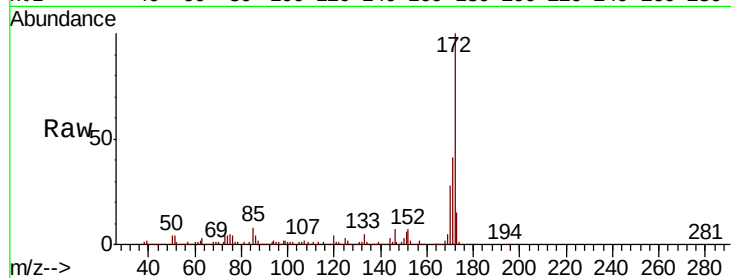
#45
2-Fluorobiphenyl
Concen: 61.479 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.1	35.8	53.8
170	28.0	24.2	36.4

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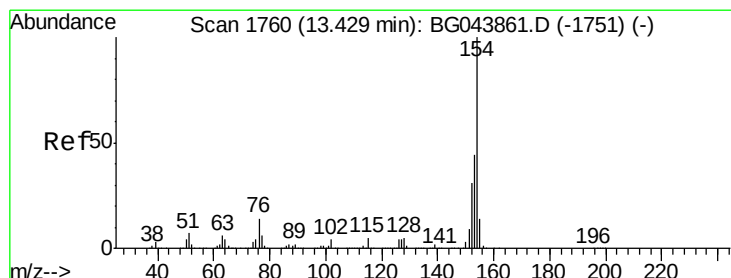
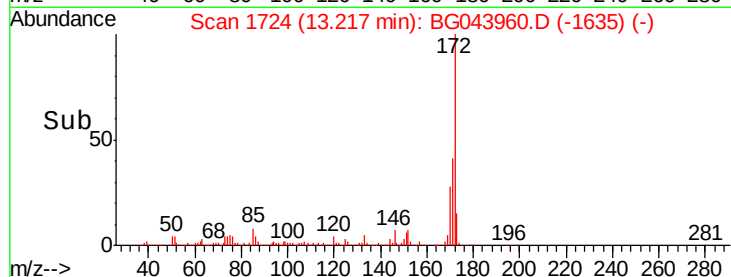
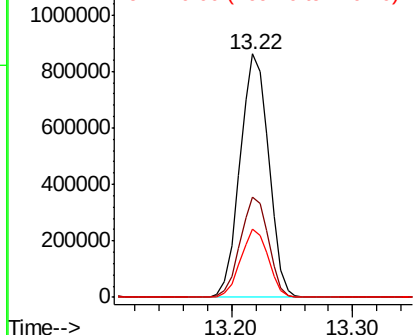


Abundance

Ion 172.00 (171.70 to 172.70): E

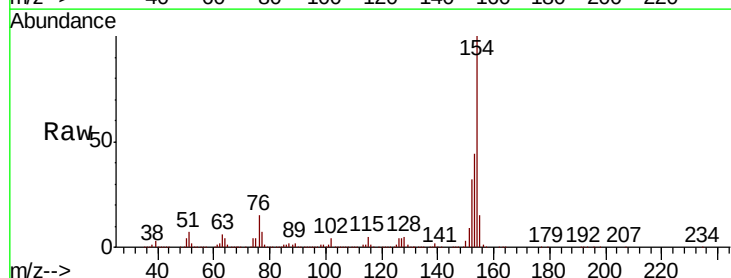
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 46.682 ng
RT: 13.43 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	23.6	63.6
76	15.3	0.0	34.4

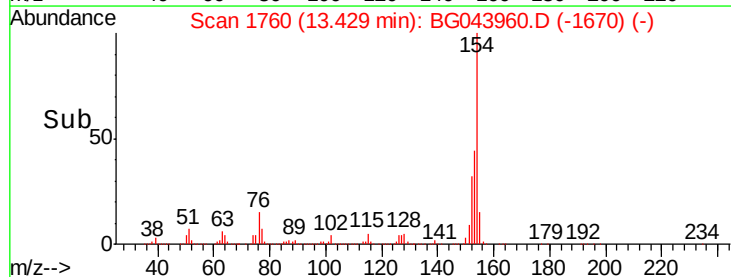
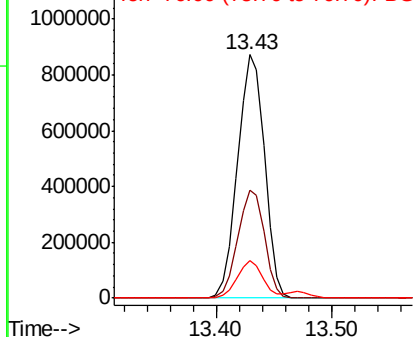


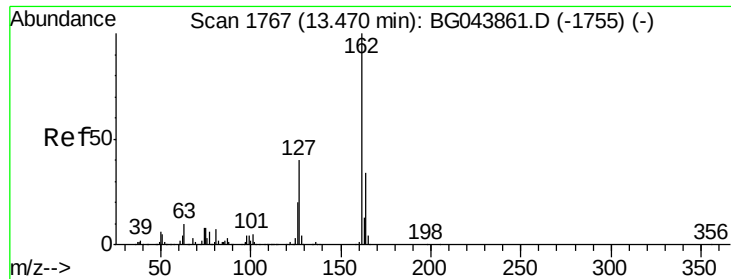
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC





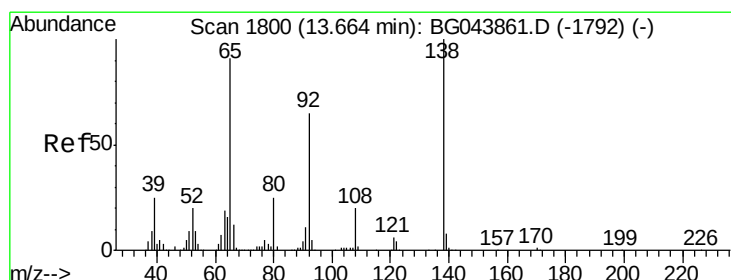
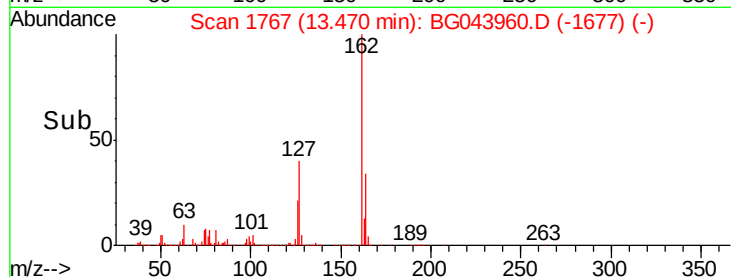
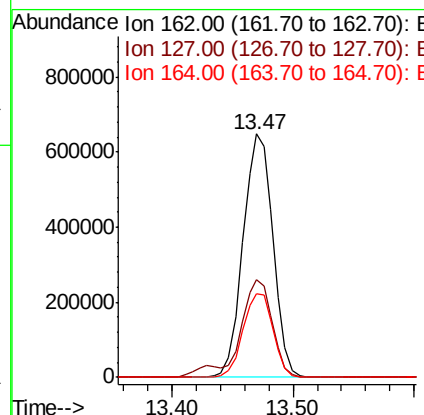
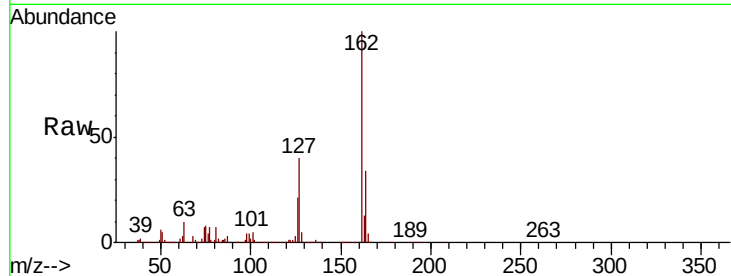
#47
 2-Chloronaphthalene
 Concen: 45.762 ng
 RT: 13.47 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 301-305MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.1	48.1
164	34.4	27.5	41.3

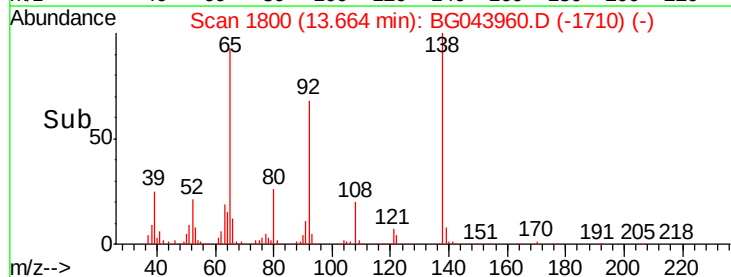
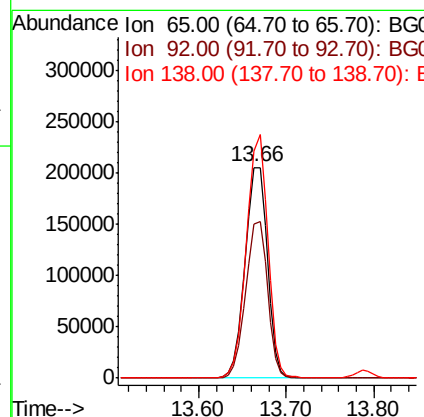
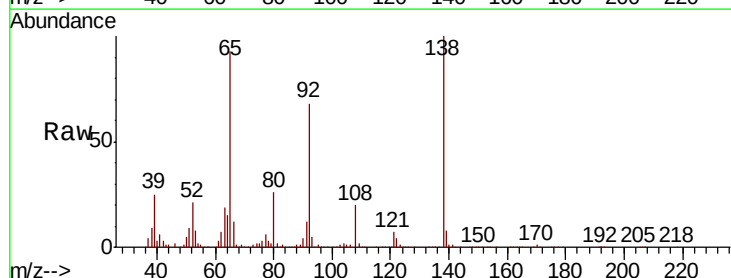
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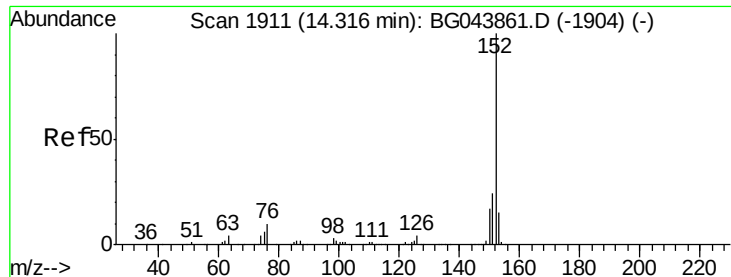
mohammad
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#48
 2-Nitroaniline
 Concen: 44.938 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.5	57.4	86.2
138	107.5	88.2	132.4





#49

Acenaphthylene

Concen: 47.622 ng

RT: 14.32 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

ClientSampleId :

301-305MS

Tot Ion:152 Resp: 1665218

Ion Ratio Lower Upper

152 100

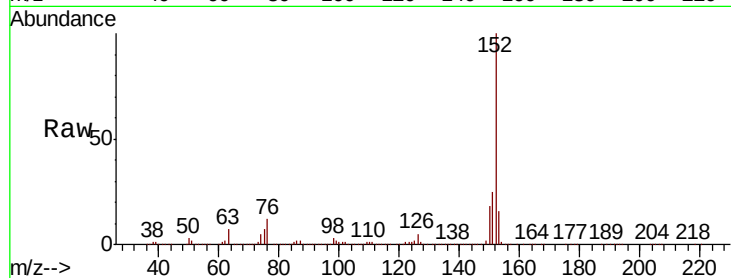
151 25.0 19.4 29.2

153 15.9 12.0 18.0

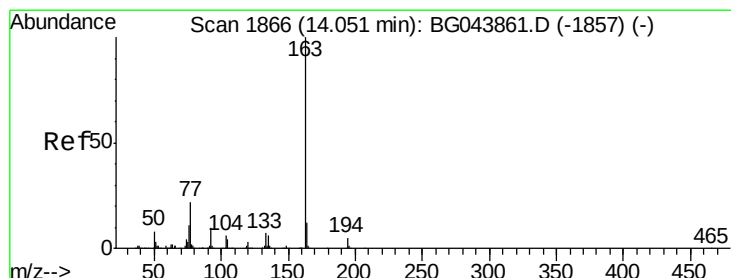
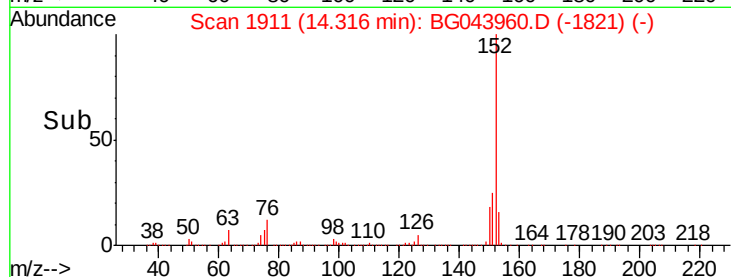
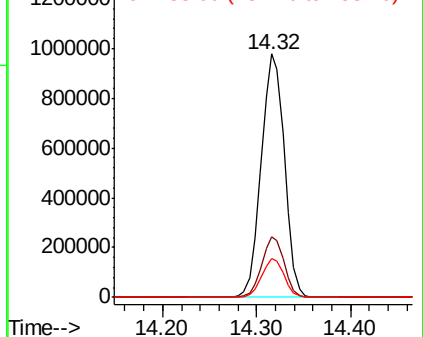
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.438 ng

RT: 14.05 min Scan# 1866

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

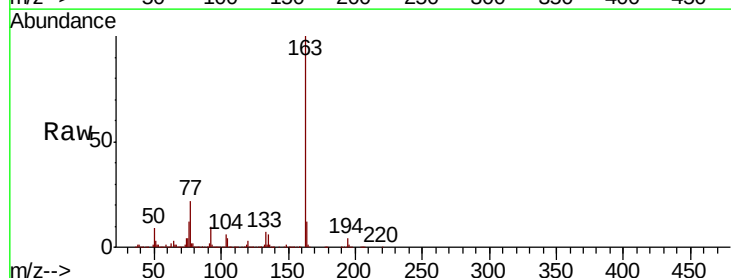
Tgt Ion:163 Resp: 1384576

Ion Ratio Lower Upper

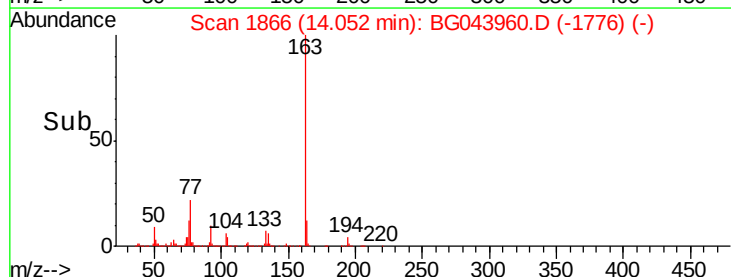
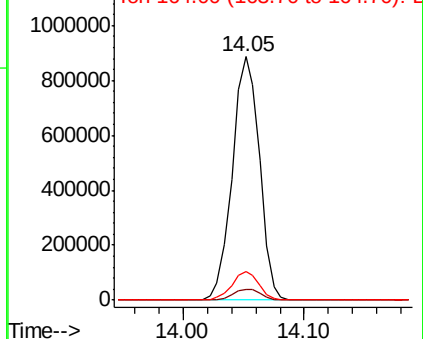
163 100

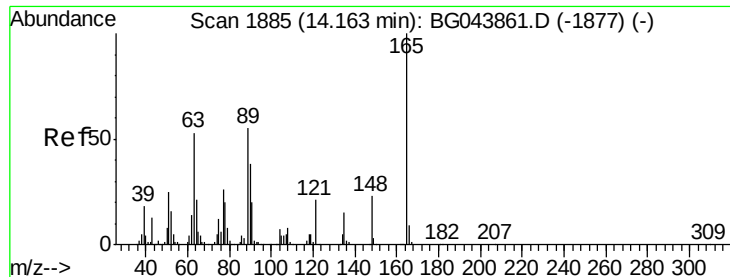
194 4.3 3.7 5.5

164 12.0 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





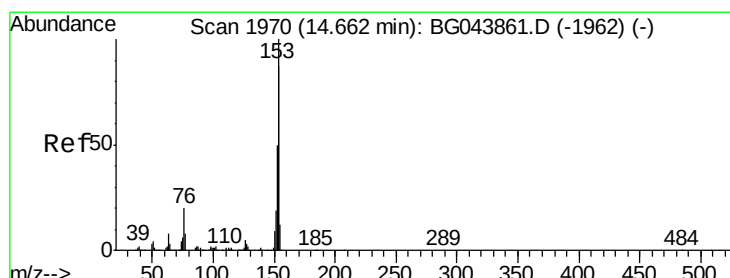
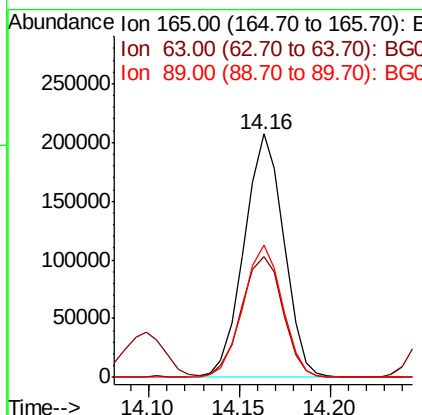
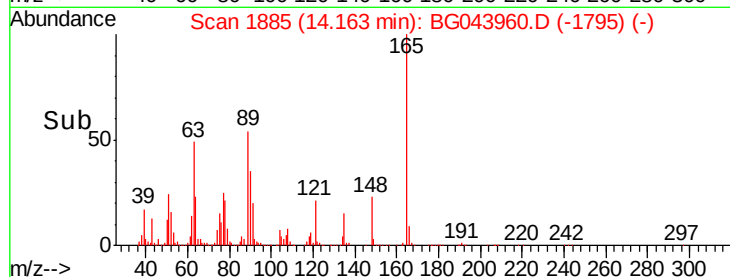
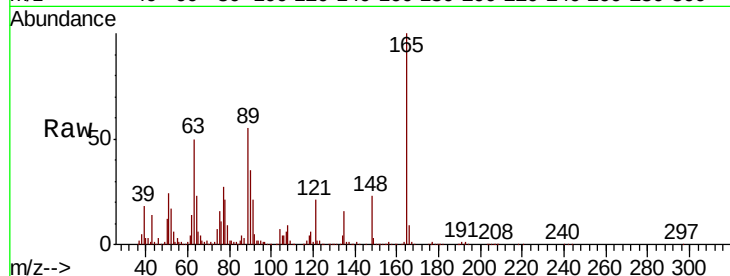
#51
2,6-Dinitrotoluene
Concen: 46.602 ng
RT: 14.16 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	314047		
63	49.6		43.1	64.7
89	54.5		43.8	65.6

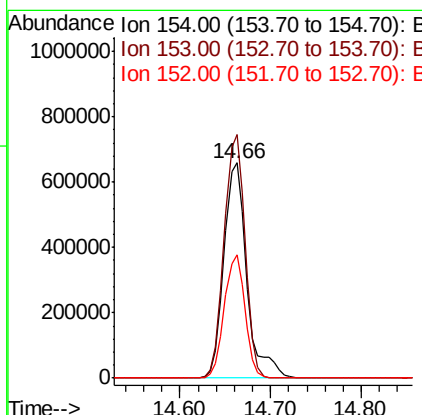
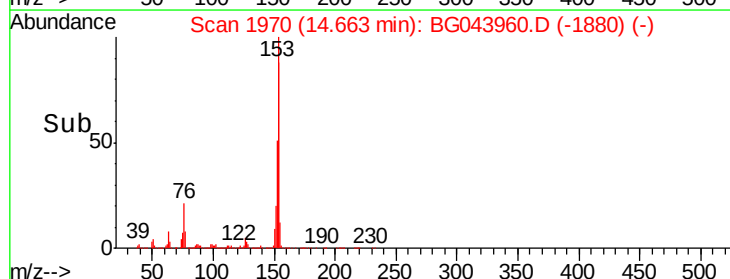
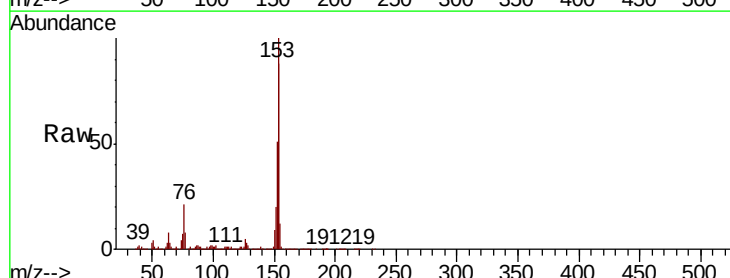
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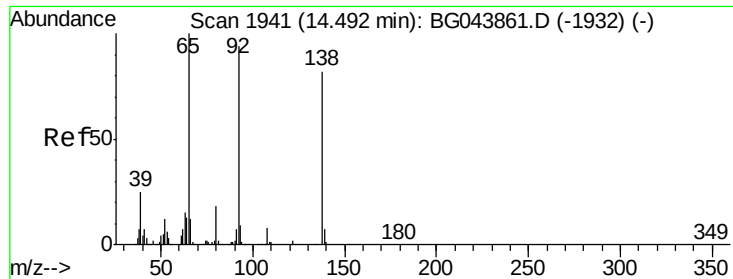
mohammad
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#52
Acenaphthene
Concen: 47.032 ng
RT: 14.66 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1153316		
153	113.1		91.6	137.4
152	57.5		45.4	68.0





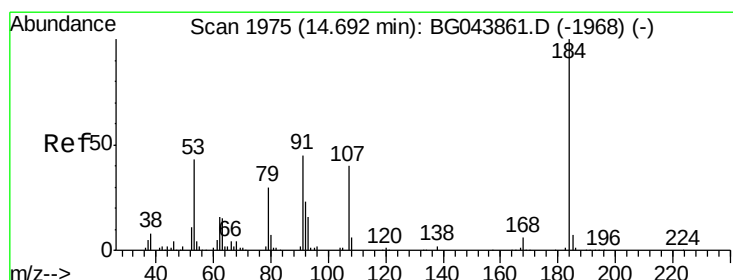
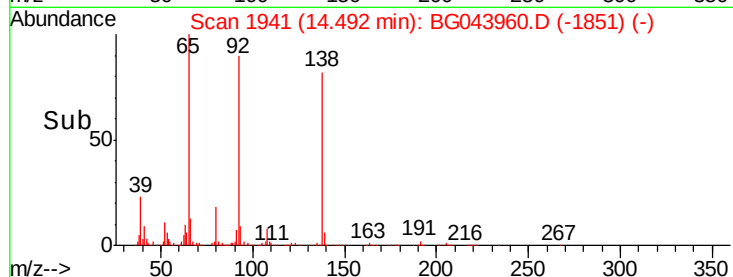
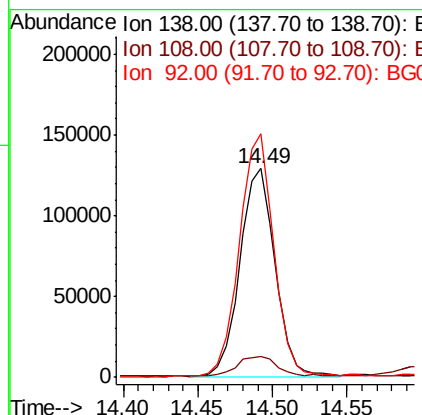
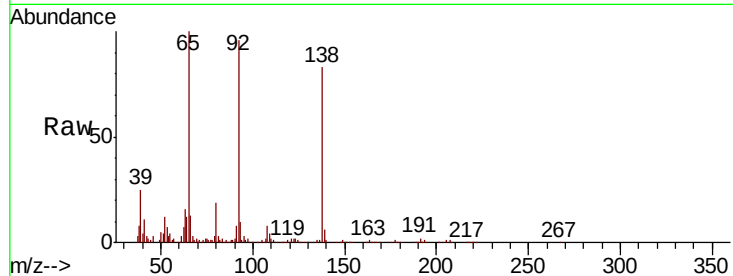
#53
3-Nitroaniline
Concen: 27.302 ng
RT: 14.49 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.2
92	116.7	92.1	138.1

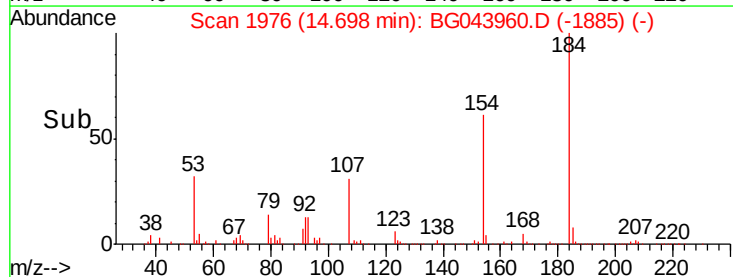
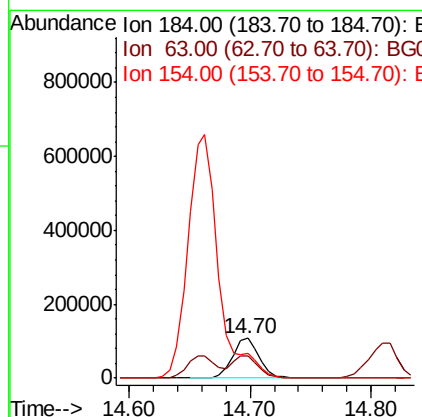
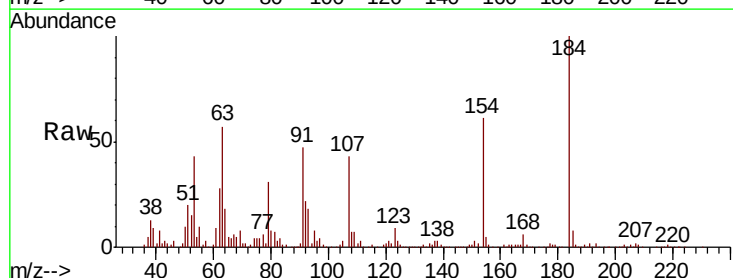
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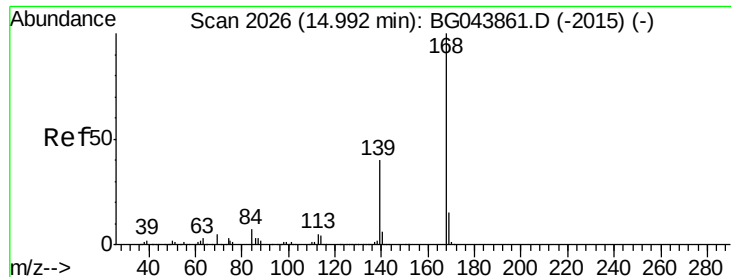
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#54
2,4-Dinitrophenol
Concen: 50.610 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	46.6	70.0
154	61.2	50.2	75.4





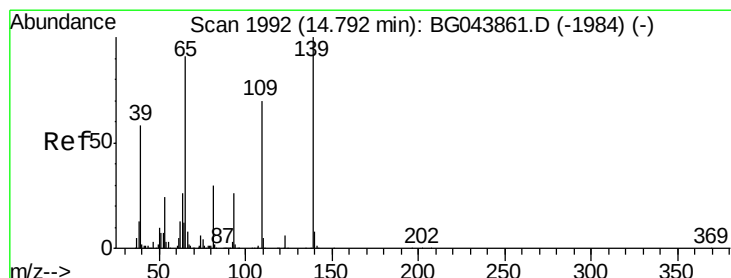
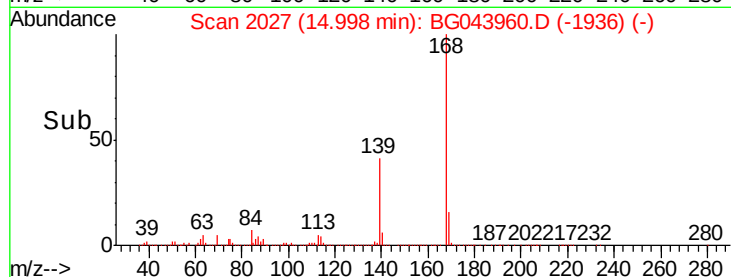
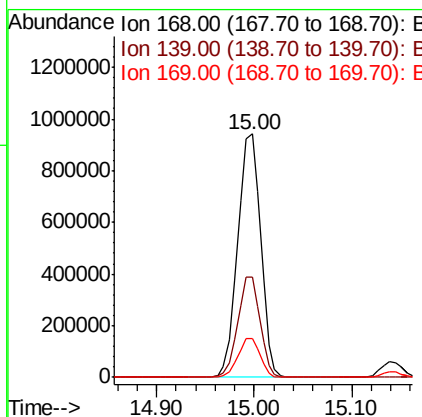
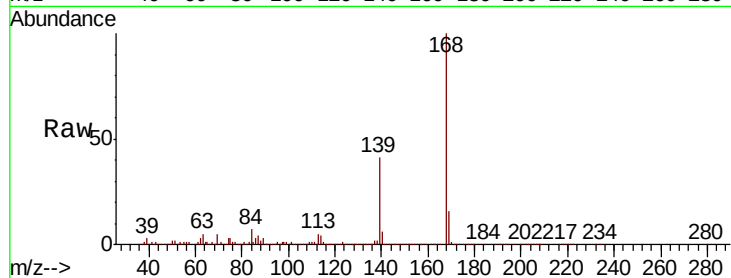
#55
Dibenzenofuran
Concen: 45.664 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.4	32.2	48.2
169	15.9	12.2	18.2

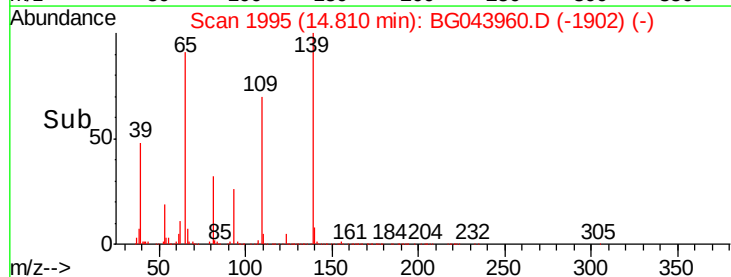
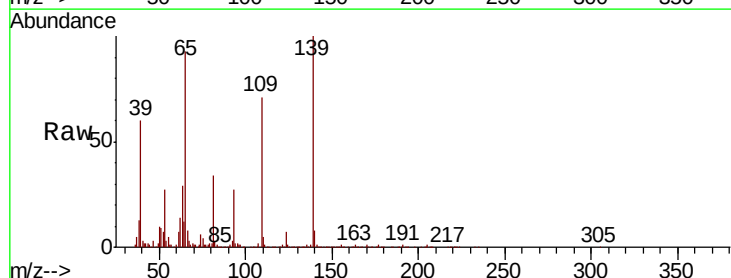
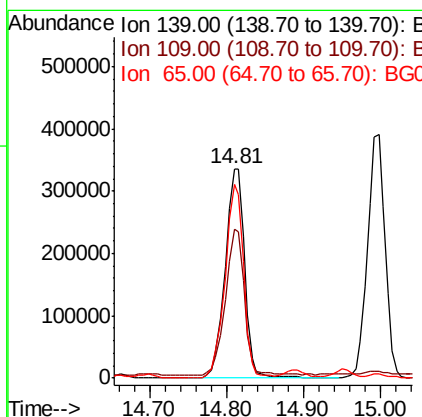
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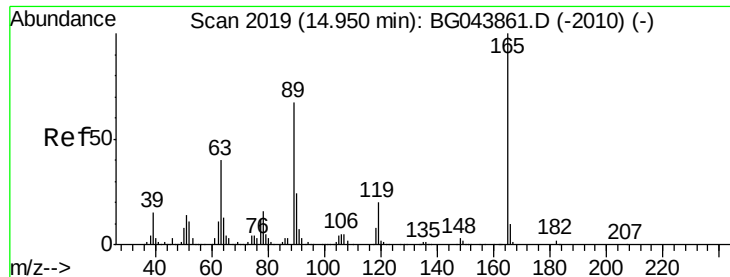
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#56
4-Nitrophenol
Concen: 100.656 ng
RT: 14.81 min Scan# 1995
Delta R.T. 0.02 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	50.4	90.4
65	92.6	71.4	111.4





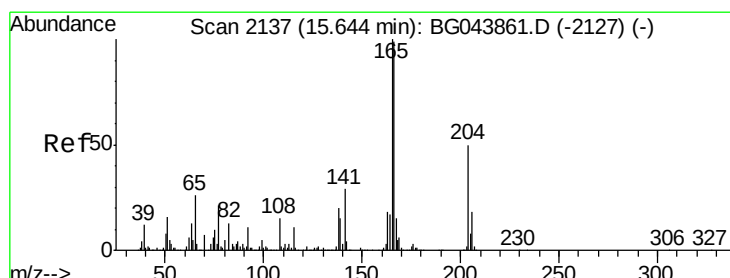
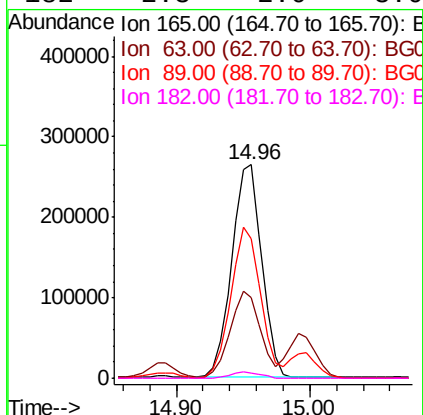
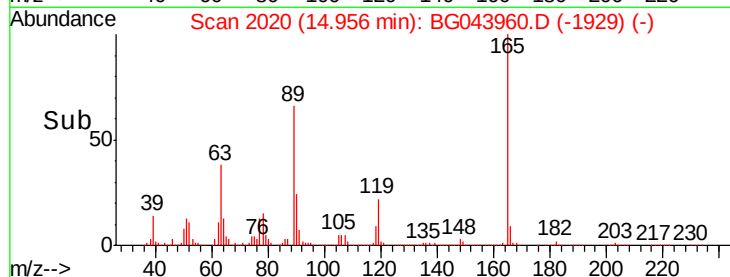
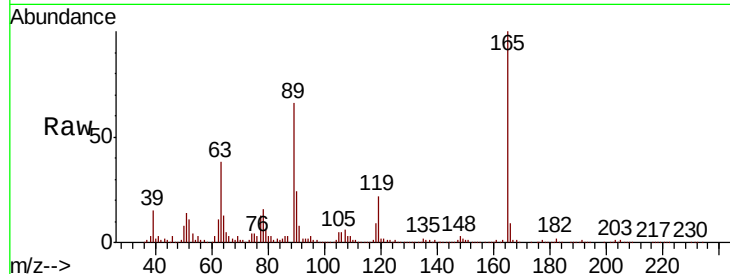
#57
2,4-Dinitrotoluene
Concen: 45.324 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.1	31.9	47.9
89	65.6	53.8	80.6
182	2.3	2.0	3.0

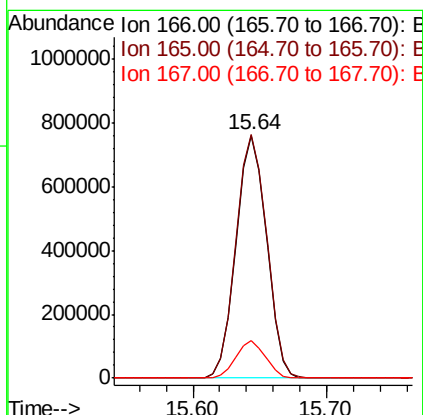
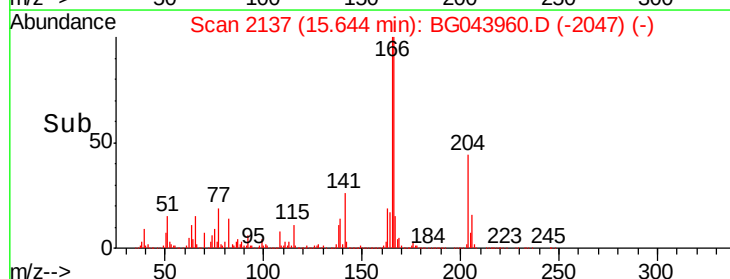
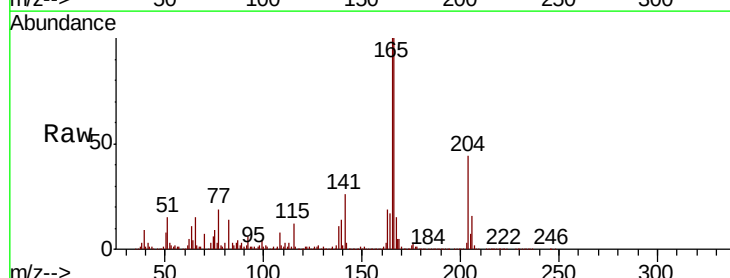
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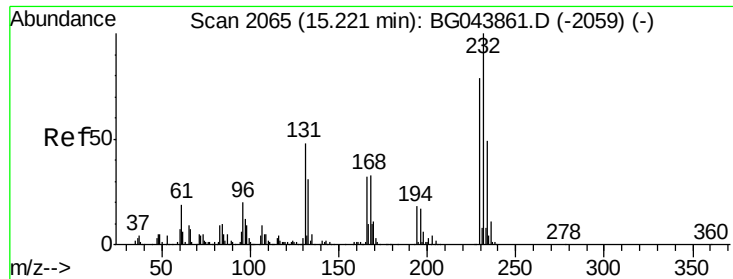
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#58
Fluorene
Concen: 44.943 ng
RT: 15.64 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.8	121.2
167	15.5	12.1	18.1





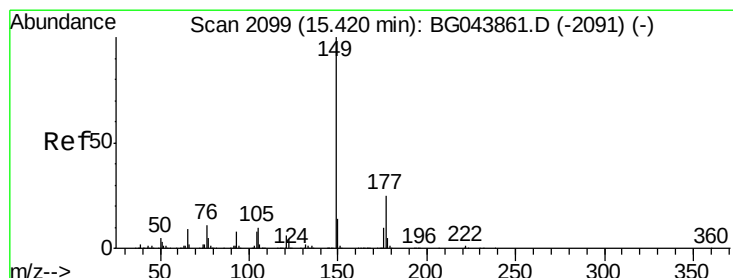
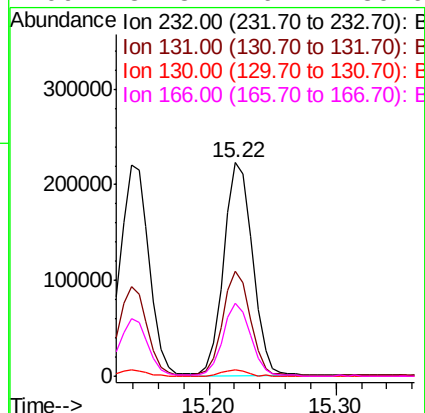
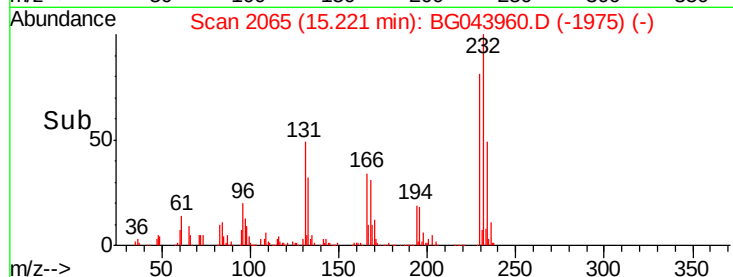
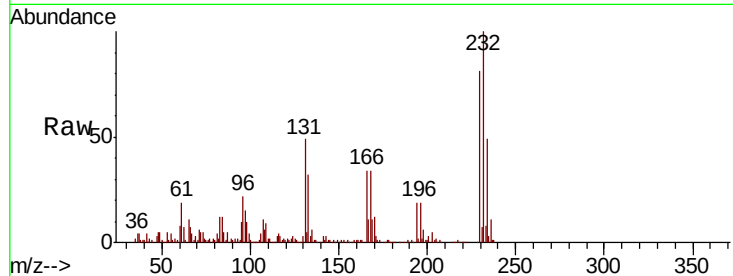
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.610 ng
RT: 15.22 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	350065		
131	47.3		38.2	57.2
130	2.6		2.2	3.2
166	32.8		26.4	39.6

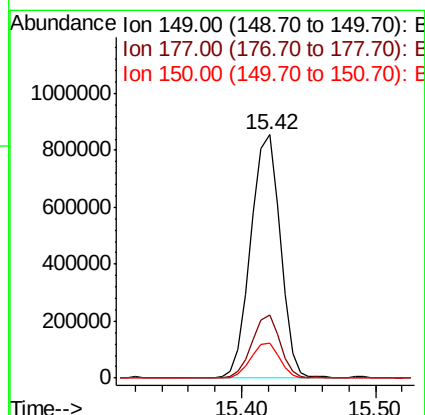
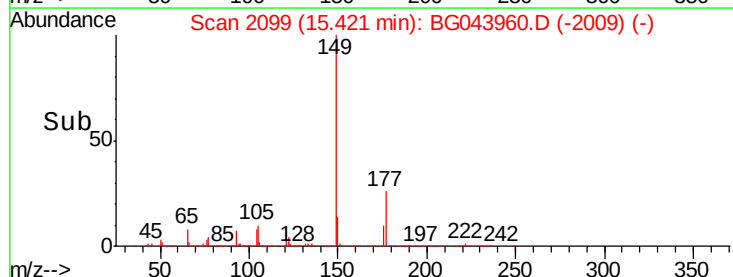
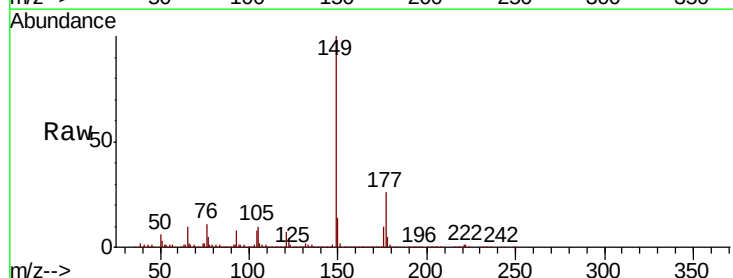
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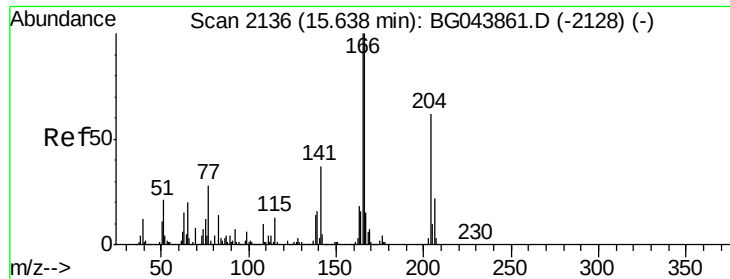
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#60
Diethylphthalate
Concen: 43.290 ng
RT: 15.42 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1290959		
177	25.9		20.0	30.0
150	14.4		11.1	16.7





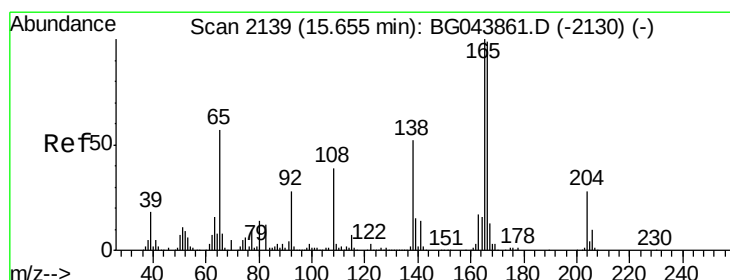
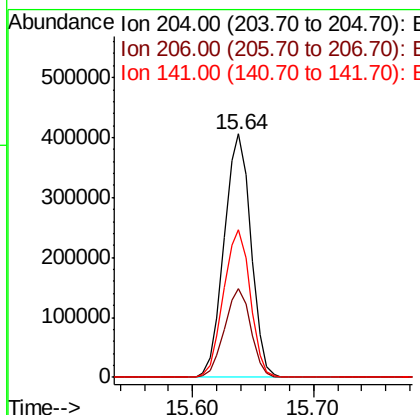
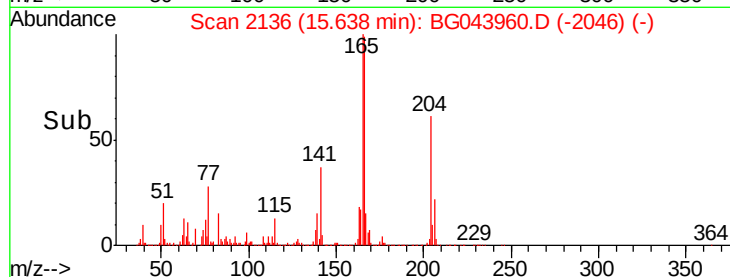
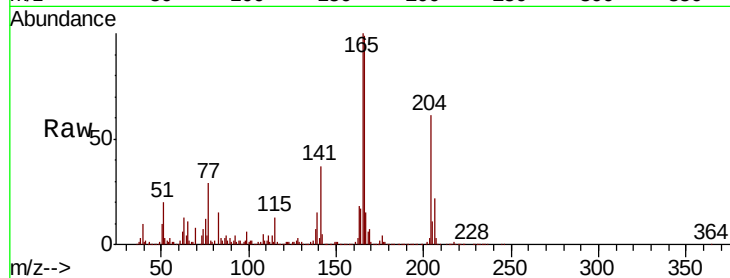
#61
4-Chlorophenyl-phenylether
Concen: 42.802 ng
RT: 15.64 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampled :
301-305MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.5	28.2	42.2
141	60.8	48.2	72.2

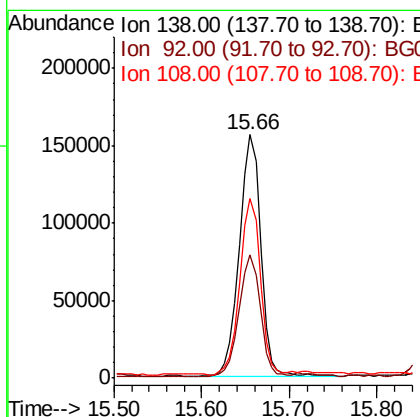
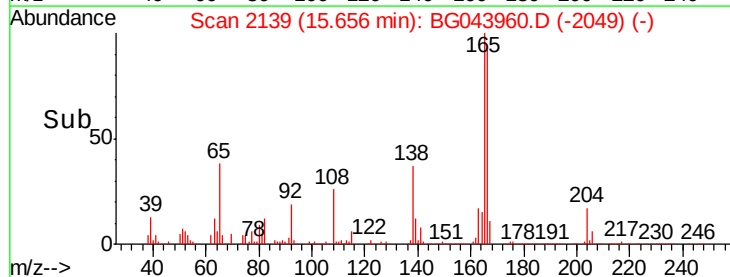
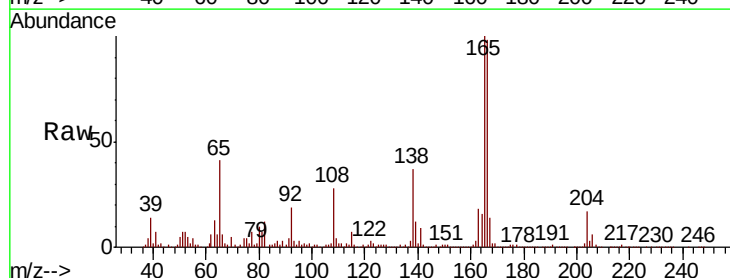
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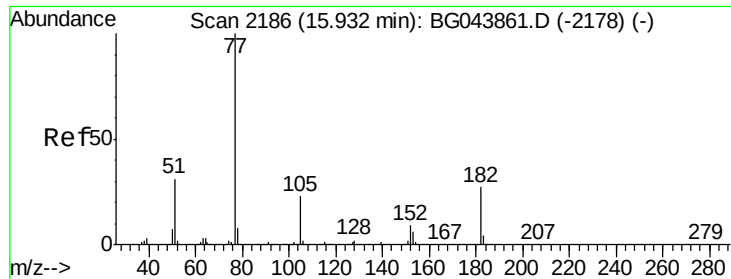
mohammad
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#62
4-Nitroaniline
Concen: 34.066 ng
RT: 15.66 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	34.3	74.3
108	73.5	55.0	95.0





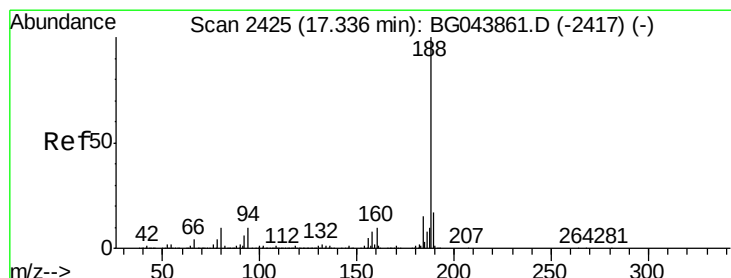
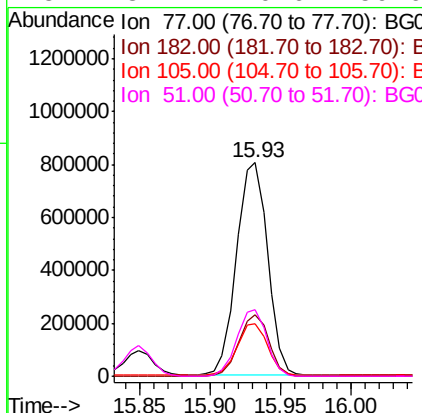
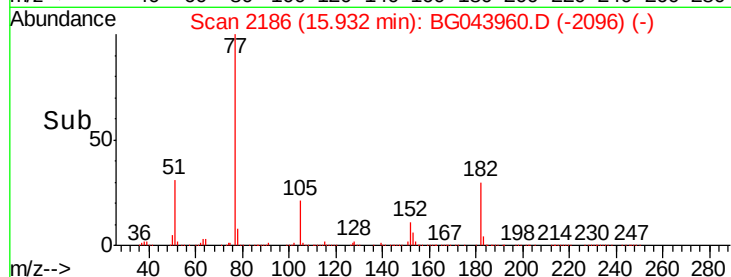
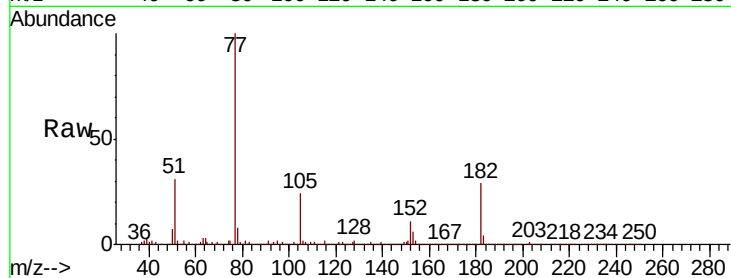
#63
Azobenzene
Concen: 44.661 ng
RT: 15.93 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.0	7.3	47.3
105	24.5	3.2	43.2
51	31.1	10.6	50.6

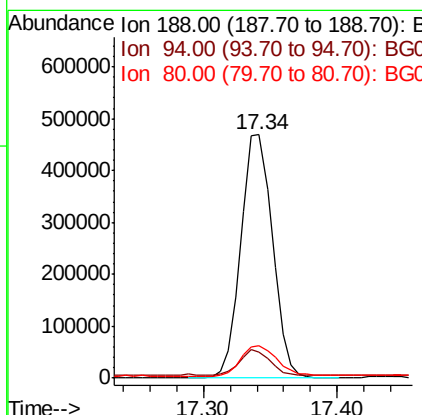
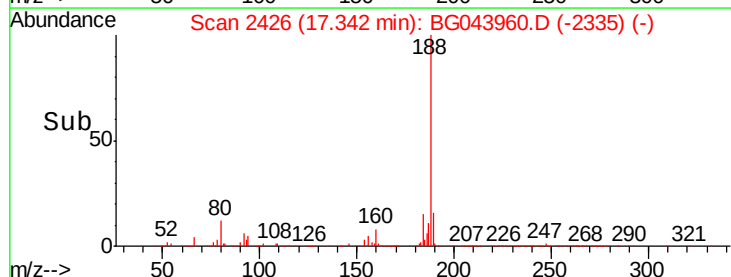
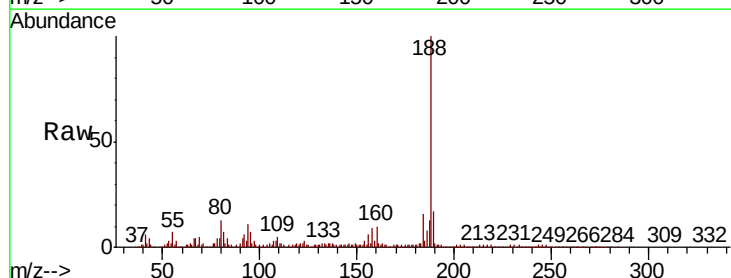
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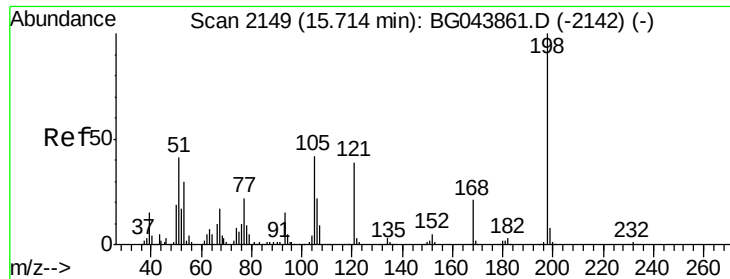
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.9	11.9
80	13.3	8.2	12.4





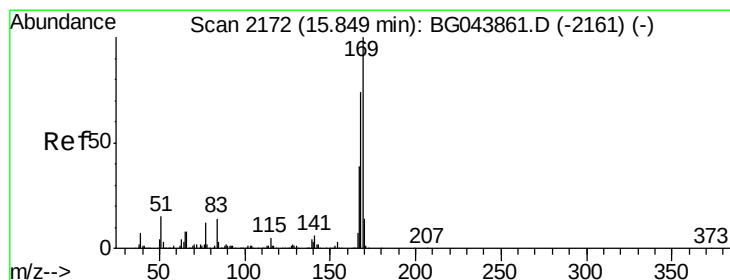
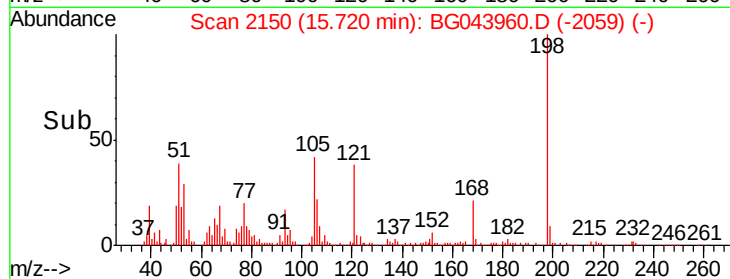
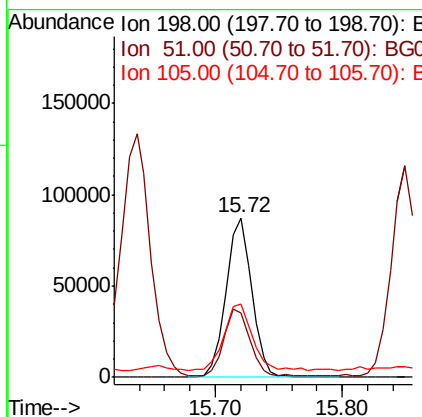
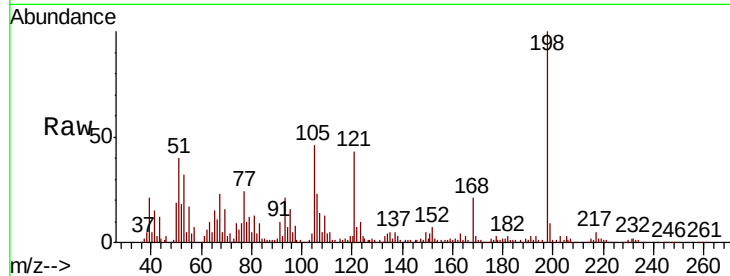
#65
 4,6-Dinitro-2-methylphenol
 Concen: 32.670 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 301-305MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	122516		
51	40.0		22.5	62.5
105	46.1		22.3	62.3

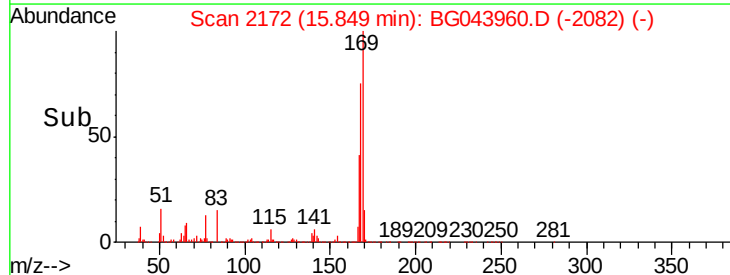
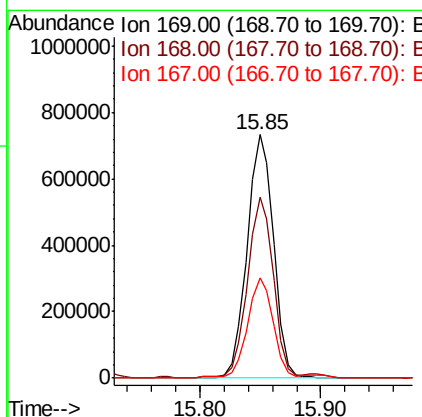
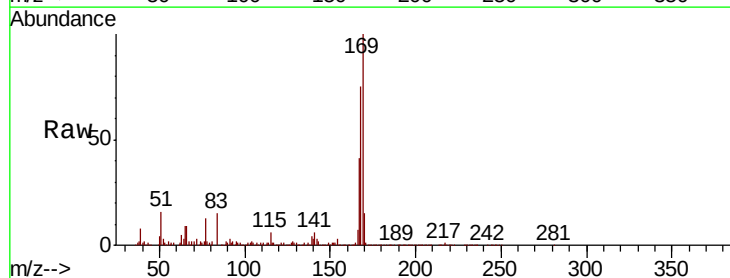
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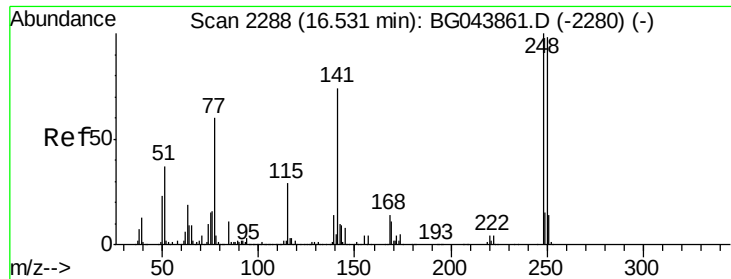
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 49.469 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1112910		
168	74.6		59.0	88.6
167	41.2		31.4	47.0





#67

4-Bromophenyl-phenylether

Concen: 45.179 ng

RT: 16.53 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

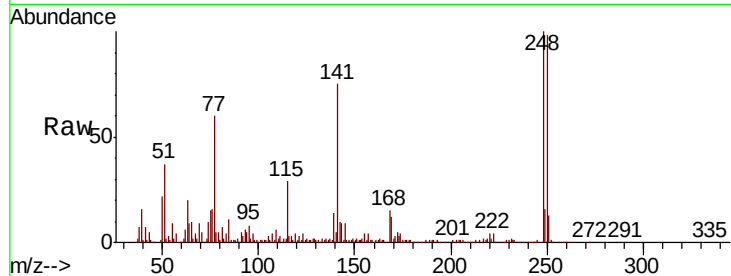
ClientSampled :

301-305MS

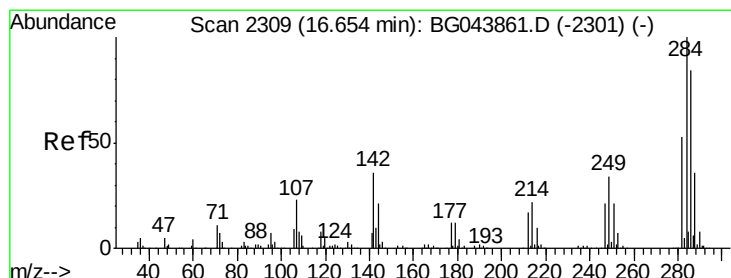
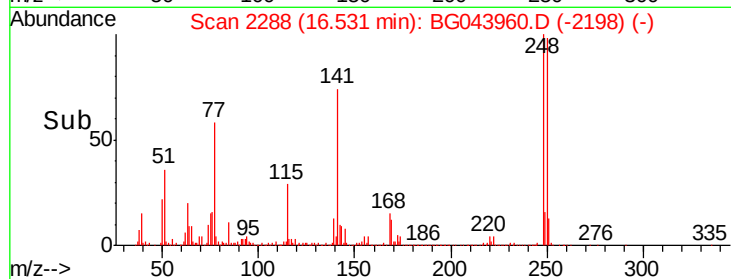
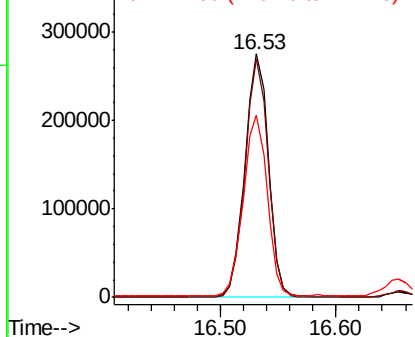
Tot Ion:	248	Resp:	388180
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.2	117.2
141	74.9	59.3	88.9

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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: 44.697 ng

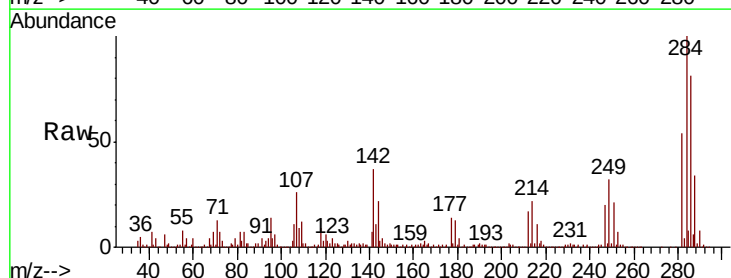
RT: 16.65 min Scan# 2309

Delta R.T. 0.00 min

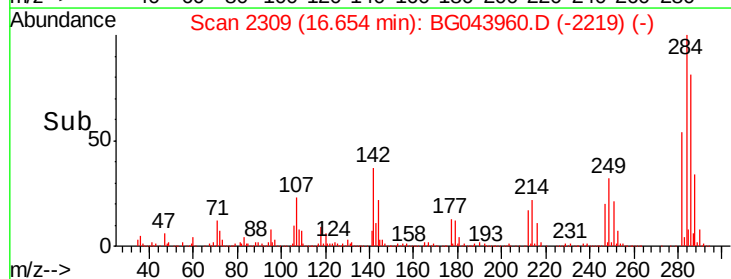
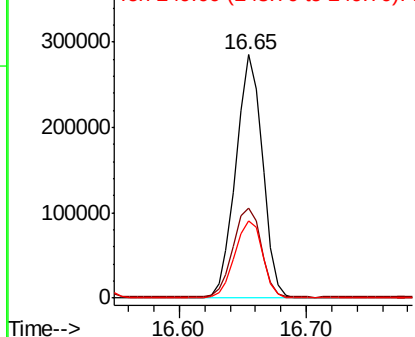
Lab File: BG043960.D

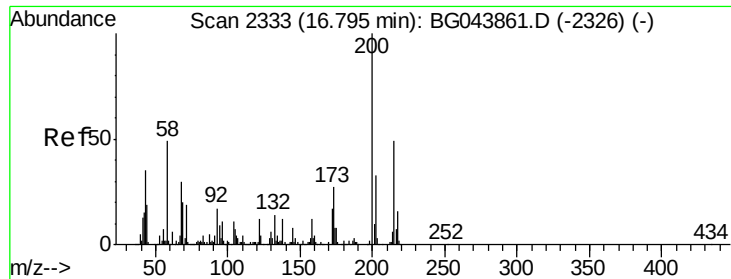
Acq: 7 Jan 2020 18:53

Tgt Ion:	284	Resp:	413811
Ion Ratio	Lower	Upper	
284	100		
142	37.0	28.6	43.0
249	31.8	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





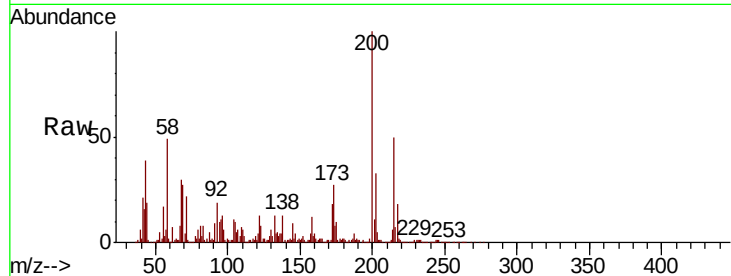
#69
Atrazine
Concen: 56.510 ng
RT: 16.80 min Scan# 2334
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.1	6.6	46.6
215	49.8	28.6	68.6

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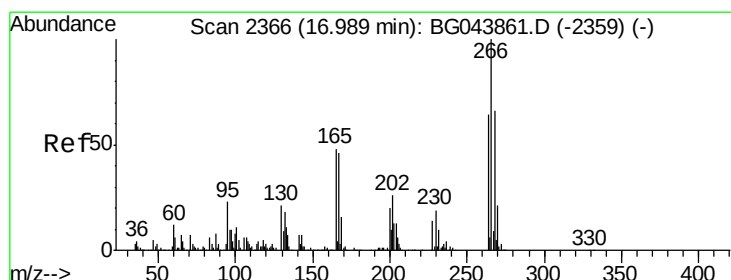
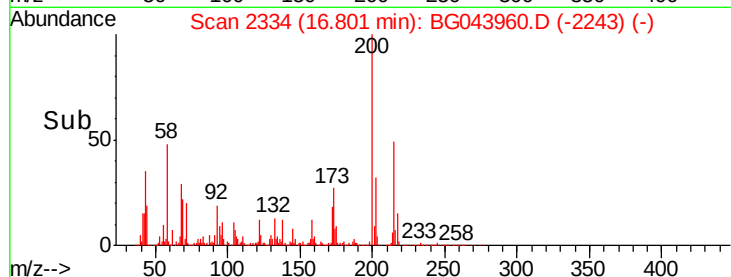
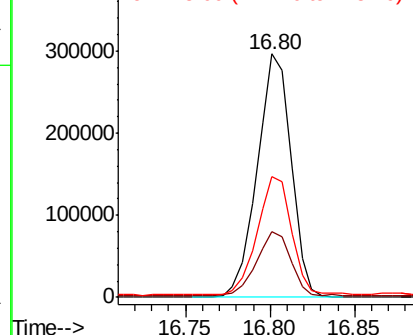


Abundance

Ion 200.00 (199.70 to 200.70): E

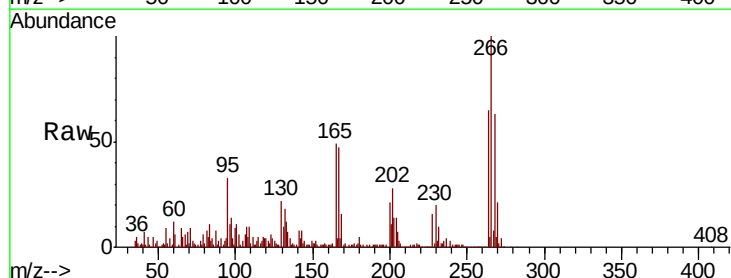
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 98.728 ng
RT: 17.00 min Scan# 2367
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	52.6	79.0
264	64.6	50.8	76.2

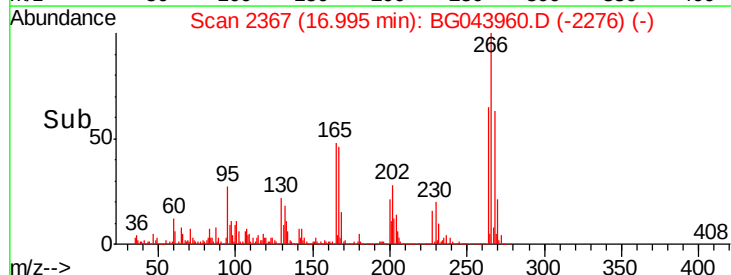
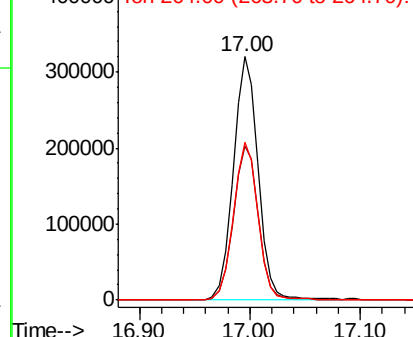


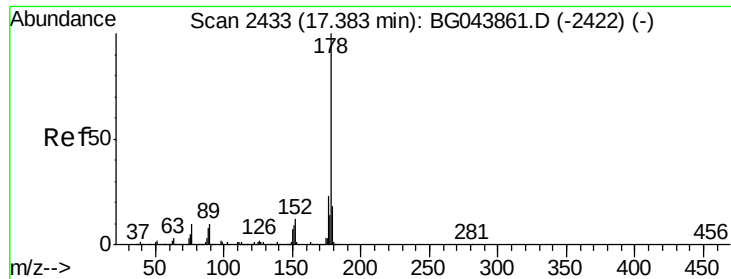
Abundance

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: 53.402 ng

RT: 17.38 min Scan# 2433

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

ClientSampleId :

301-305MS

Tot Ion:178 Resp: 1956782

Ion Ratio Lower Upper

178 100

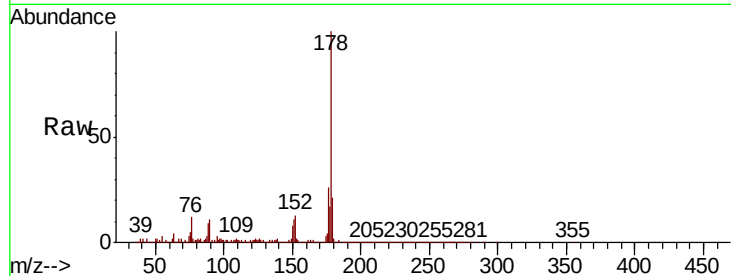
176 25.6 18.6 28.0

179 20.5 14.4 21.6

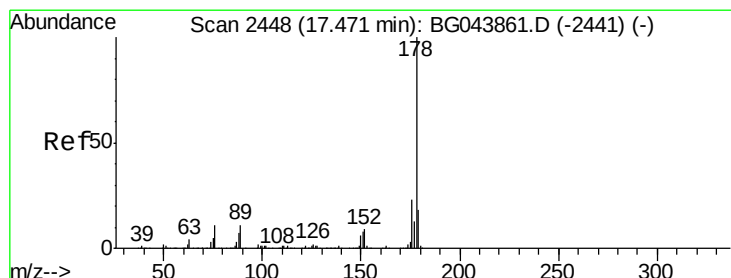
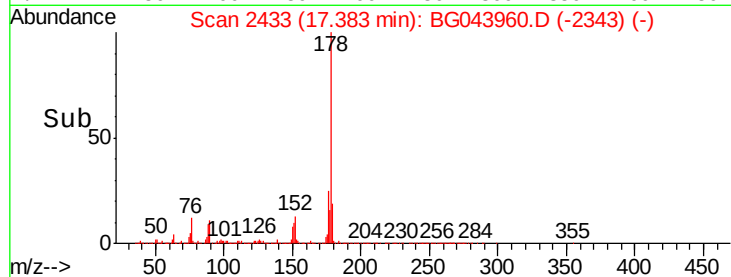
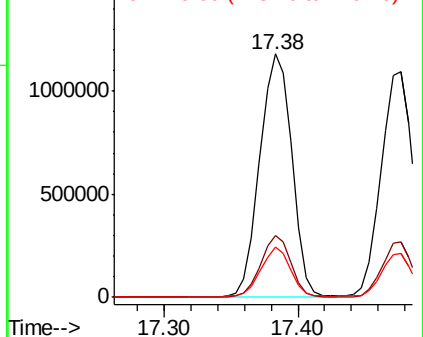
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.928 ng

RT: 17.48 min Scan# 2449

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:178 Resp: 1808059

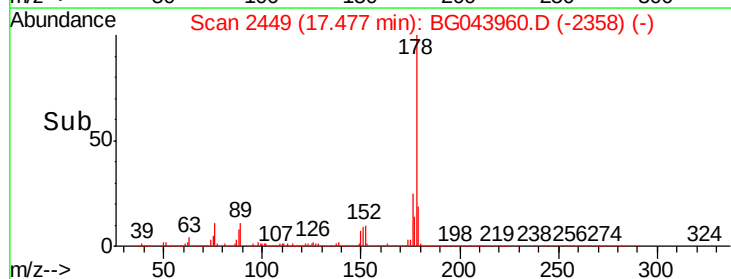
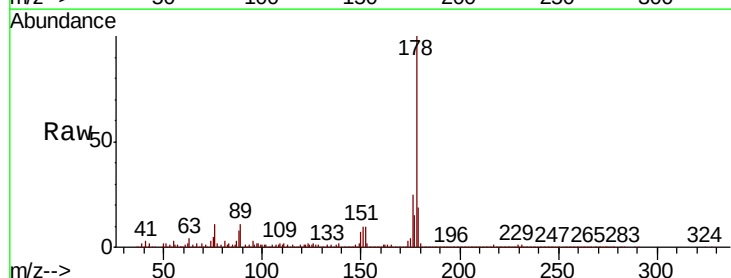
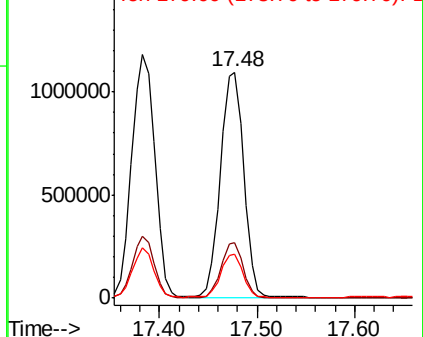
Ion Ratio Lower Upper

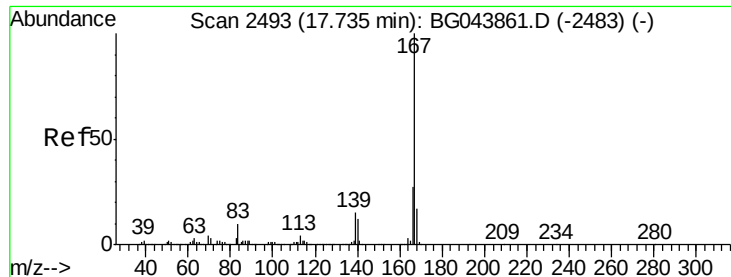
178 100

176 24.6 18.3 27.5

179 19.4 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





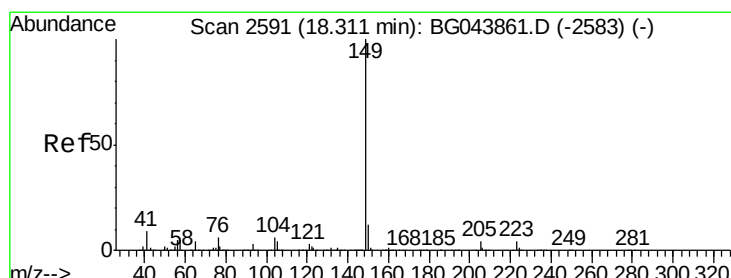
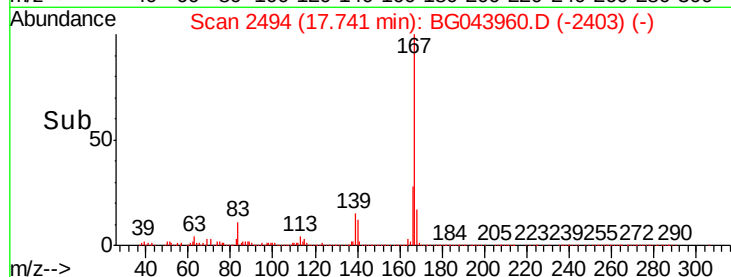
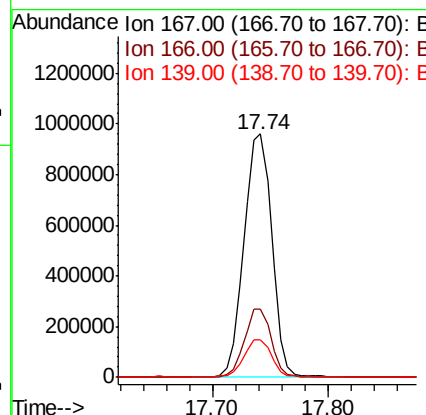
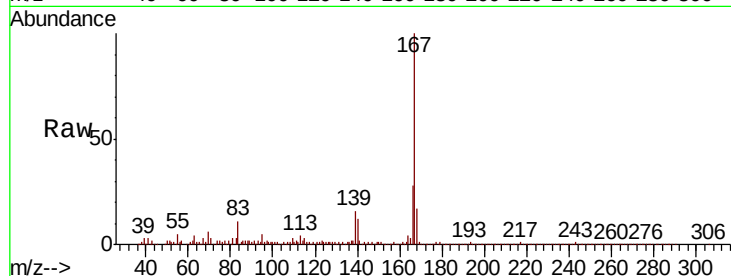
#73
 Carbazole
 Concen: 47.784 ng
 RT: 17.74 min Scan# 2494
 Delta R.T. 0.01 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 301-305MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	28.1	21.6	32.4
139	15.7	12.1	18.1

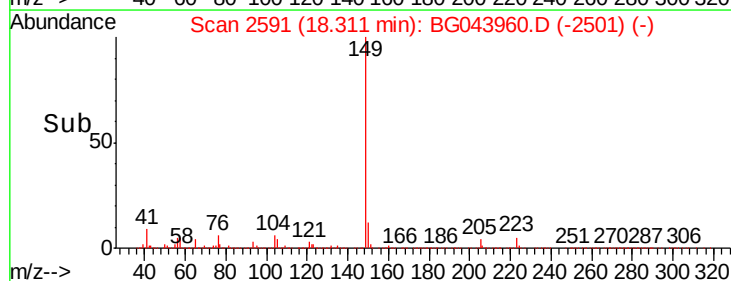
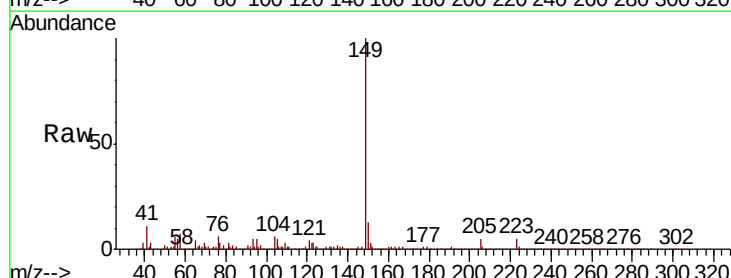
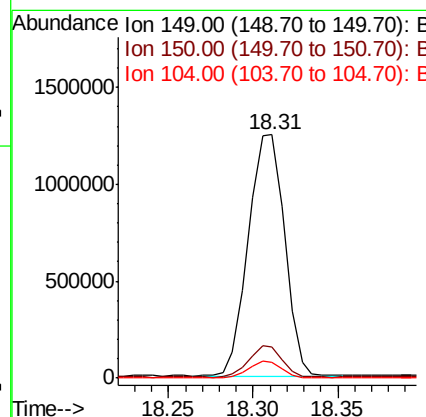
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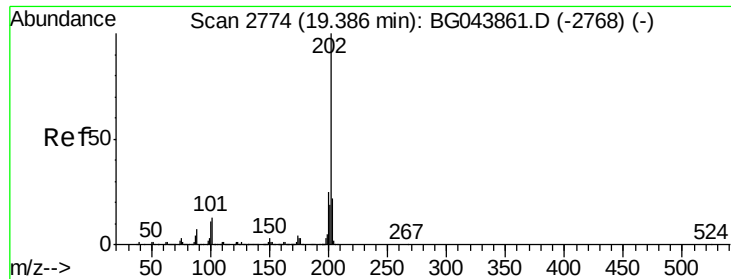
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#74
 Di-n-butylphthalate
 Concen: 43.617 ng
 RT: 18.31 min Scan# 2591
 Delta R.T. 0.00 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.6	9.7	14.5
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 46.285 ng

RT: 19.39 min Scan# 2775

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

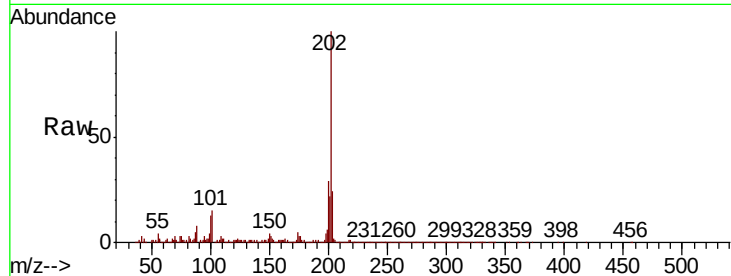
ClientSampleId :

301-305MS

Tot Ion:	202	Resp:	1939623
Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	33.3
203	24.0	1.6	41.6

Manual Integrations
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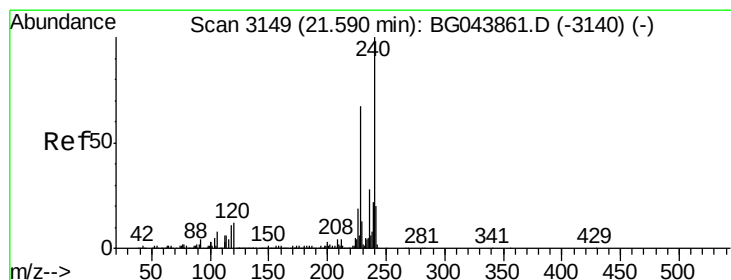
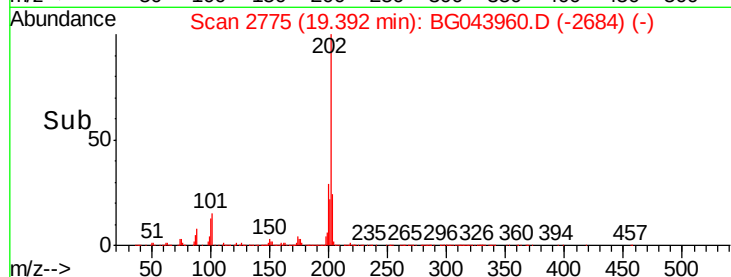
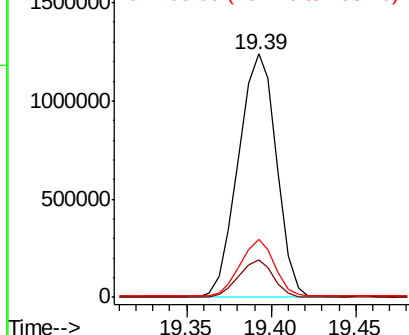


Abundance

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: 21.60 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

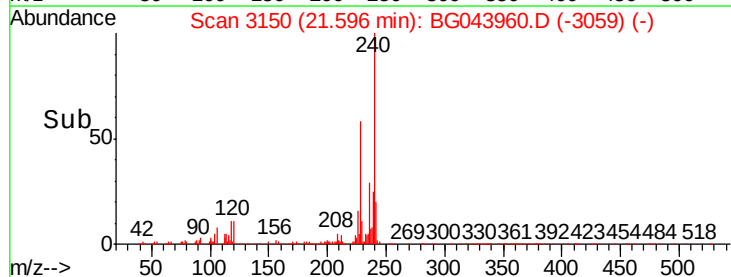
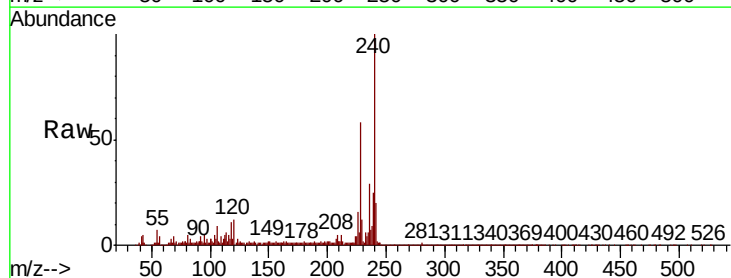
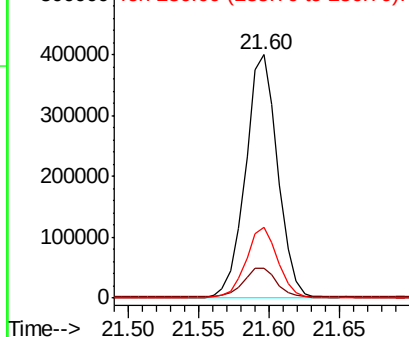
Tgt Ion:	240	Resp:	634806
Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.6	14.4
236	29.0	22.2	33.2

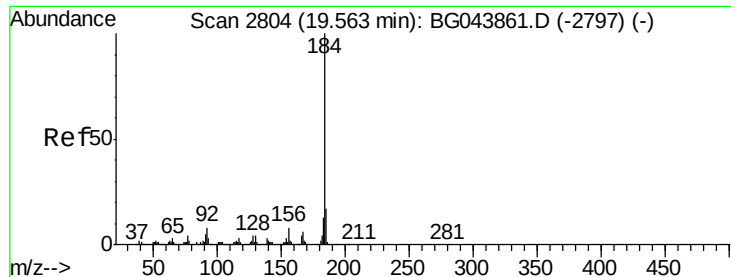
Abundance

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: 44.868 ng

RT: 19.57 min Scan# 2805

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

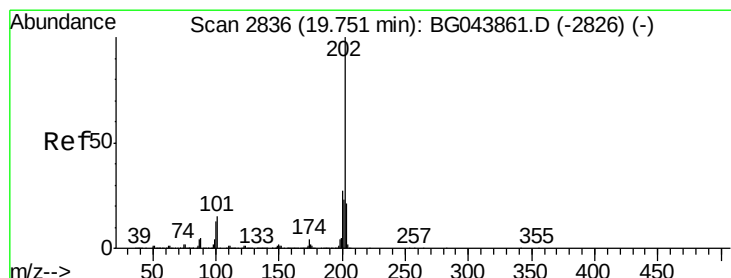
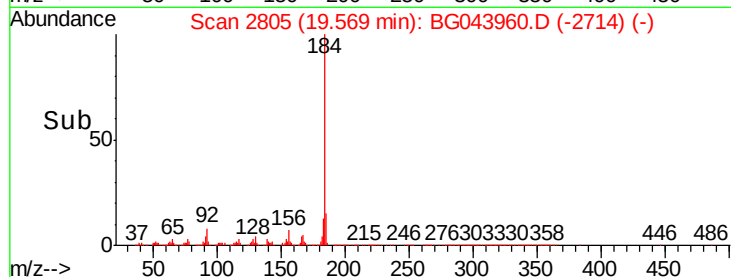
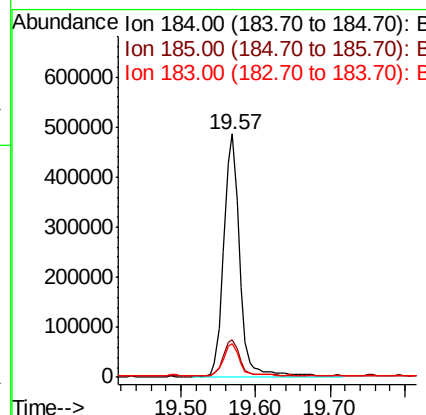
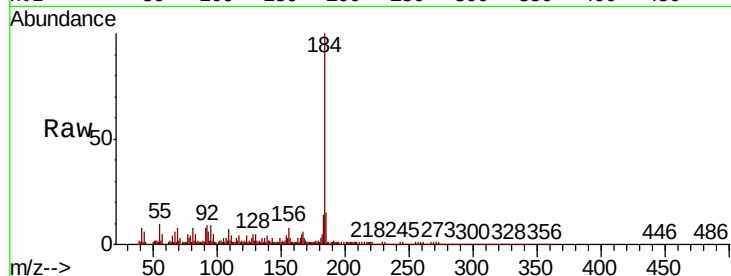
ClientSampleId :

301-305MS

Tot Ion:	184	Resp:	715921
Ion Ratio	Lower	Upper	
184	100		
185	15.5	13.4	20.0
183	13.8	10.6	15.8

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#78

Pyrene

Concen: 49.825 ng

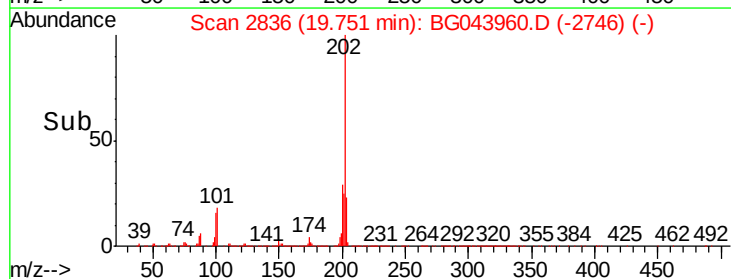
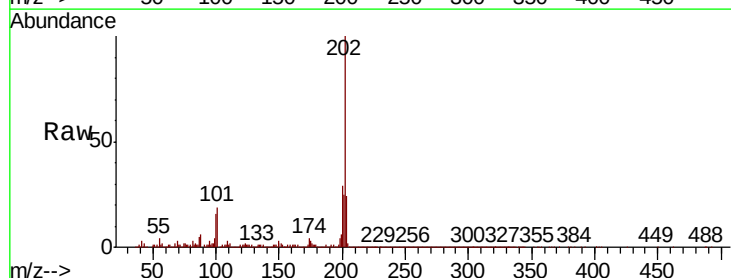
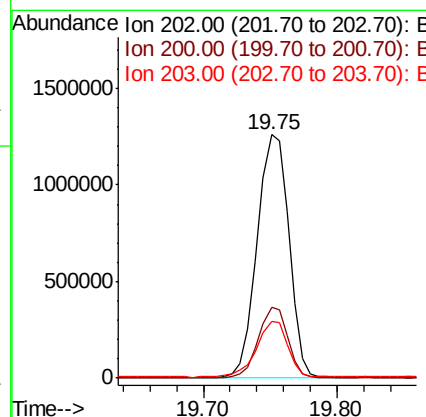
RT: 19.75 min Scan# 2836

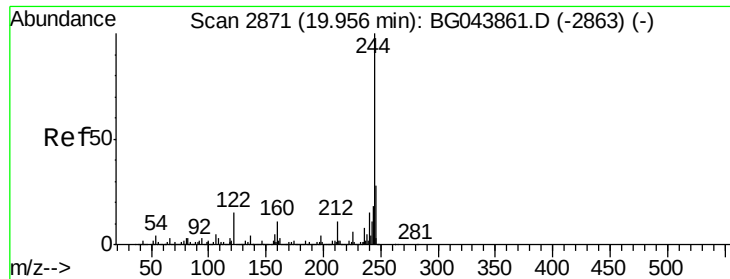
Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:	202	Resp:	2064572
Ion Ratio	Lower	Upper	
202	100		
200	29.0	21.7	32.5
203	23.5	17.0	25.6





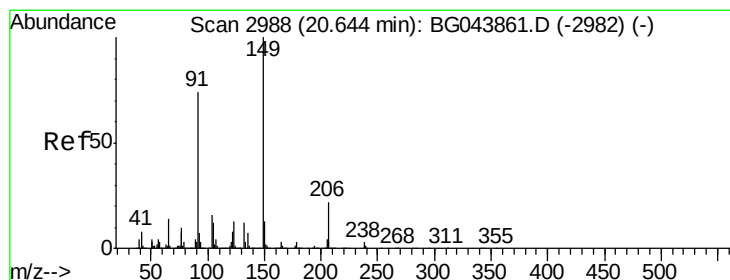
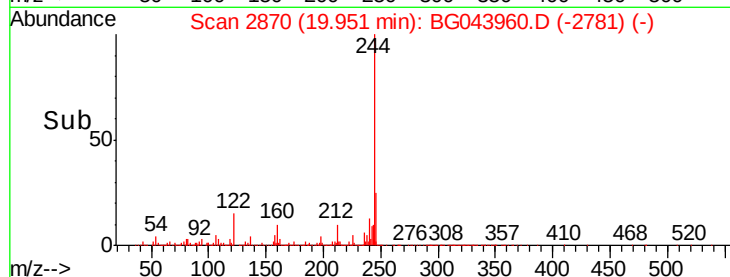
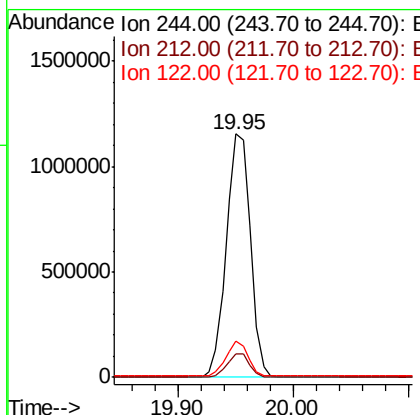
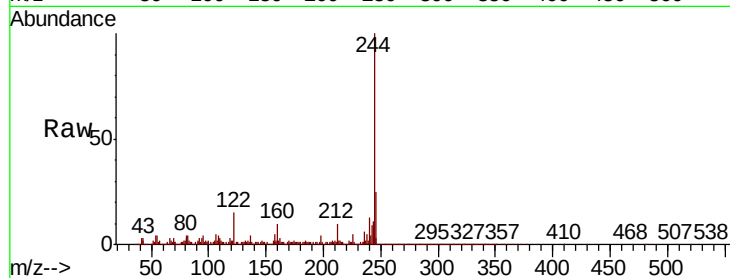
#79
Terphenyl-d14
Concen: 57.320 ng
RT: 19.95 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.6	13.0
122	15.0	11.9	17.9

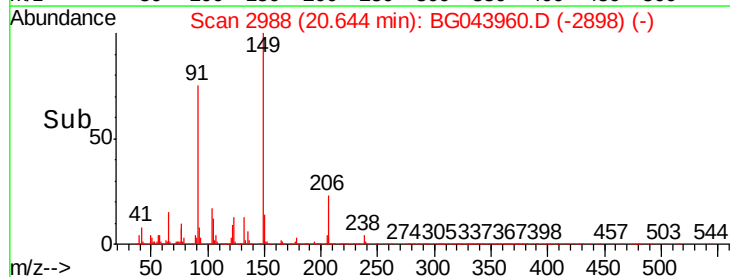
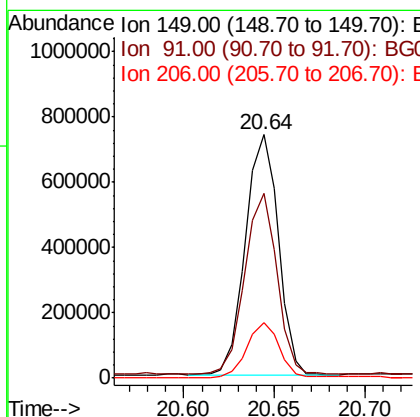
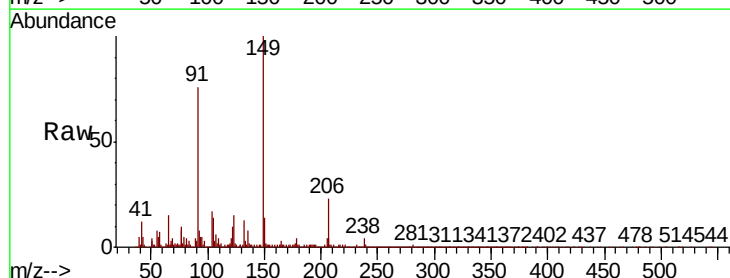
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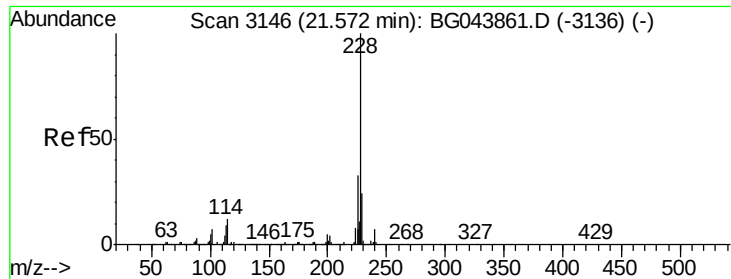
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#80
Butylbenzylphthalate
Concen: 47.019 ng
RT: 20.64 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.7	59.5	89.3
206	22.8	17.8	26.6





#81

Benzo(a)anthracene

Concen: 49.152 ng

RT: 21.58 min Scan# 3147

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

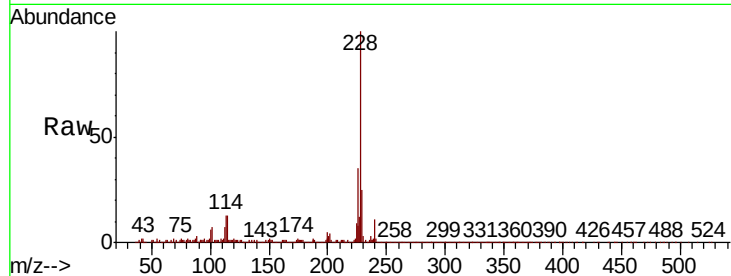
ClientSampleId :

301-305MS

Tot Ion:	228	Resp:	1934741
Ion	Ratio	Lower	Upper
228	100		
226	34.7	26.2	39.4
229	25.1	18.9	28.3

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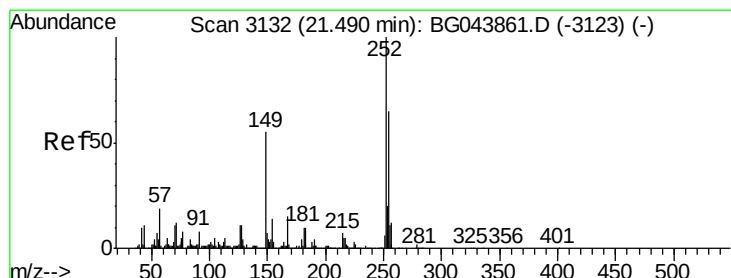
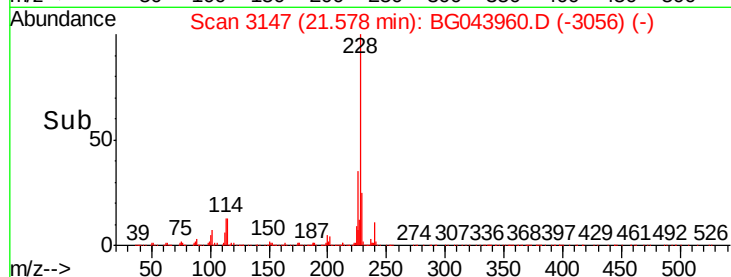
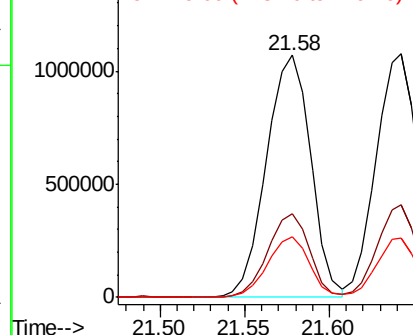


Abundance

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: 19.311 ng

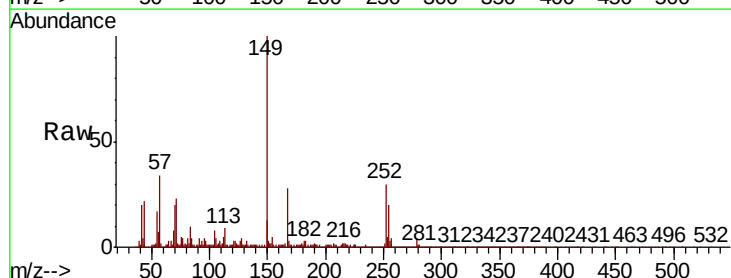
RT: 21.49 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:	252	Resp:	300310
Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	11.3	9.1	13.7

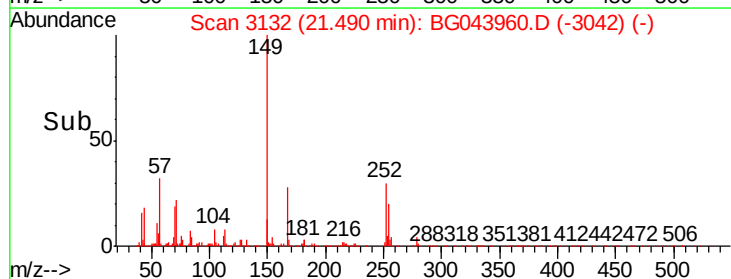
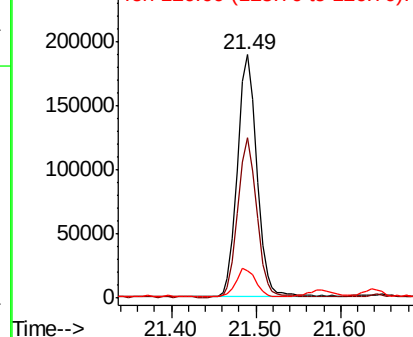


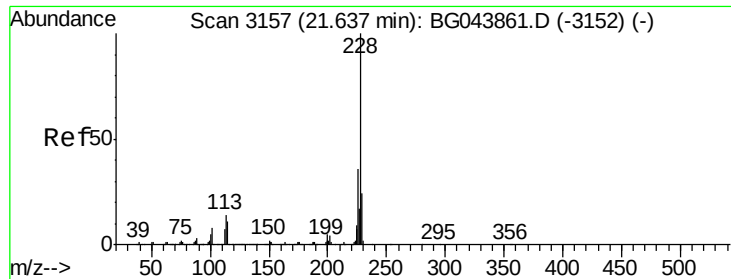
Abundance

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





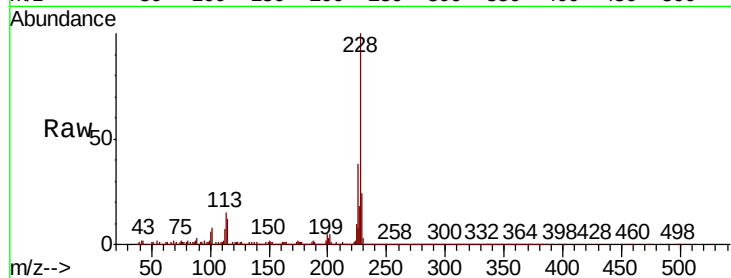
#83
 Chrvsene
 Concen: 49.059 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Instrument :
 BNA_G
 ClientSampleId :
 301-305MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.8	28.8	43.2
229	24.5	19.0	28.6

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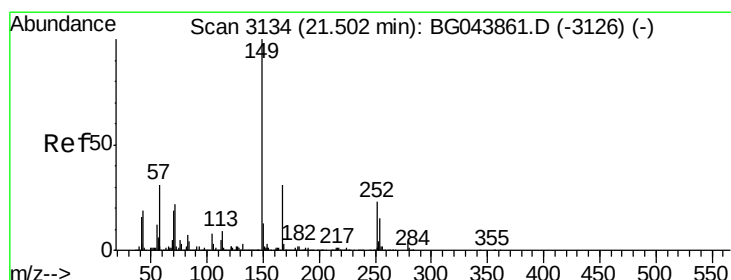
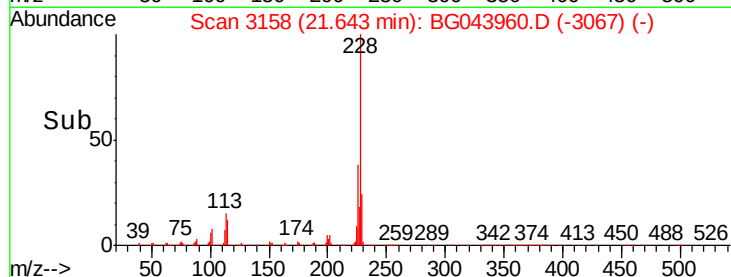
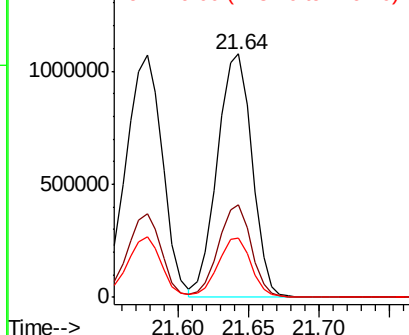


Abundance

Ion 228.00 (227.70 to 228.70): E

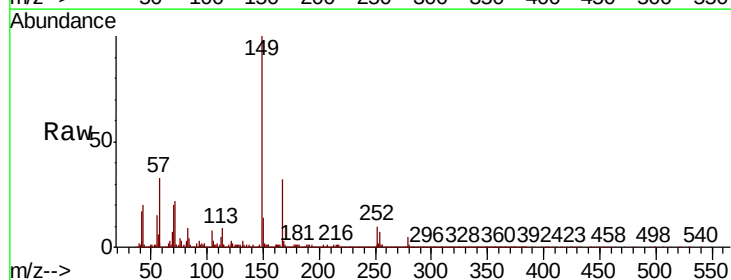
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.456 ng
 RT: 21.50 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: BG043960.D
 Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.5	24.7	37.1
279	4.9	3.3	4.9

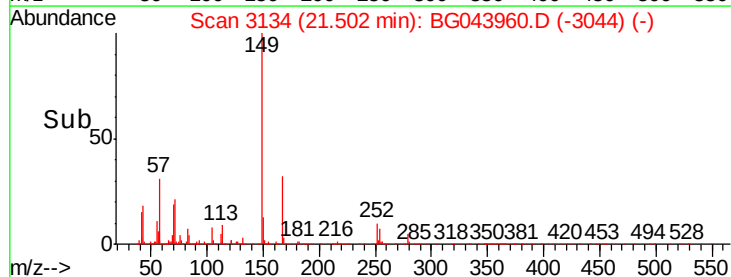
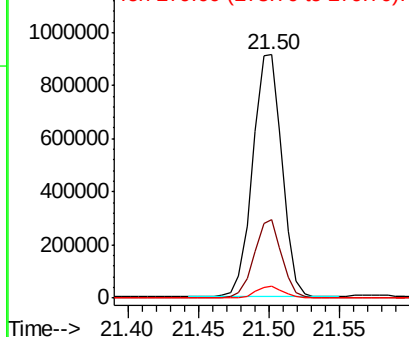


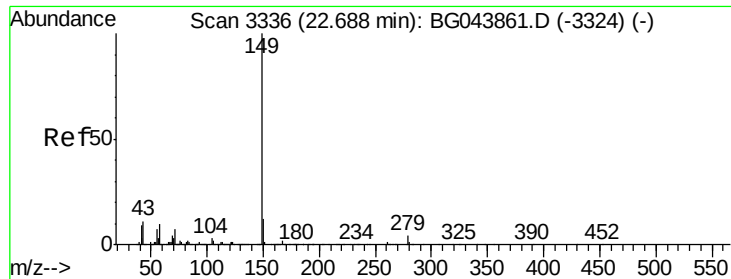
Abundance

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: 48.843 ng

RT: 22.68 min Scan# 3335

Delta R.T. -0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

ClientSampleId :

301-305MS

Tot Ion:149 Resp: 2235107

Ion Ratio Lower Upper

149 100

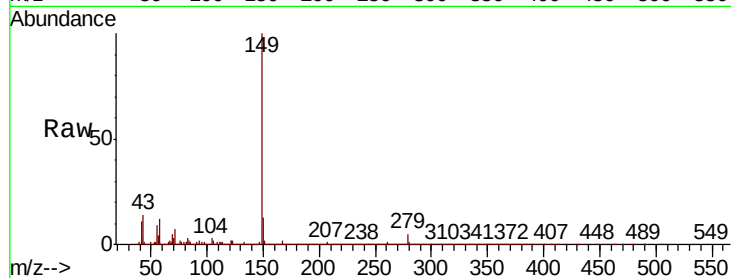
167 1.9 1.4 2.0

43 11.4 8.8 13.2

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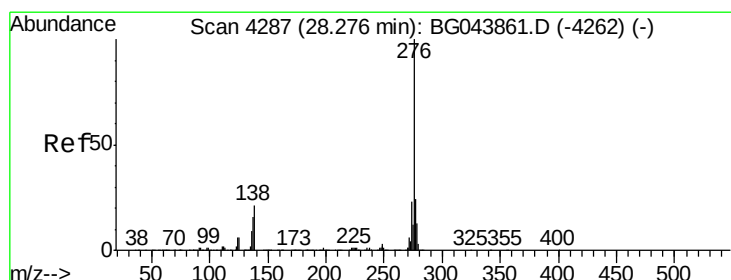
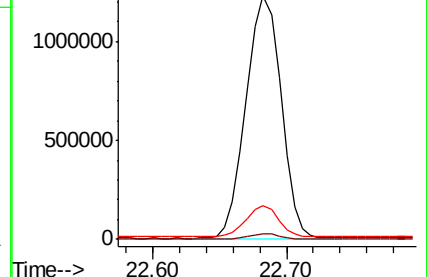
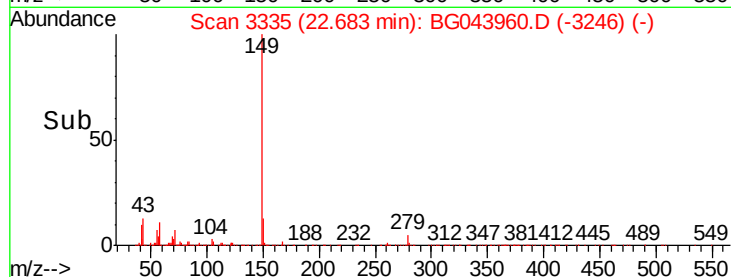
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.385 ng

RT: 28.28 min Scan# 4288

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

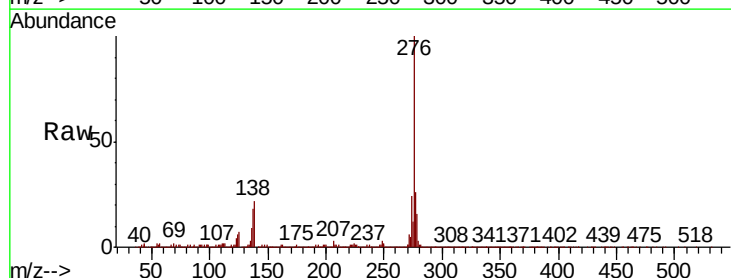
Tgt Ion:276 Resp: 2357730

Ion Ratio Lower Upper

276 100

138 16.4 21.0 31.4#

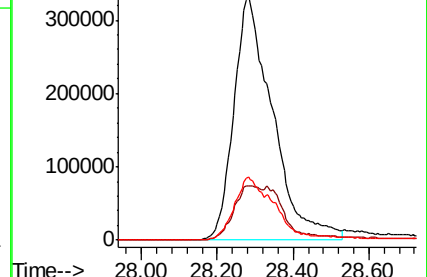
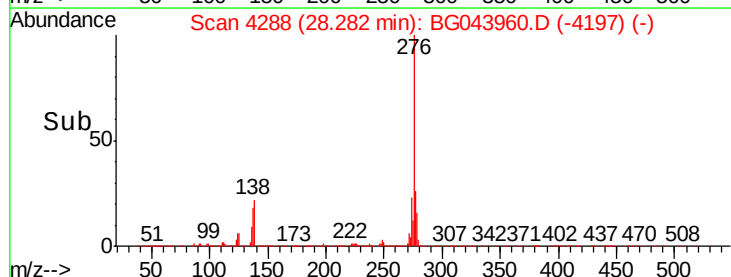
277 25.6 21.1 31.7

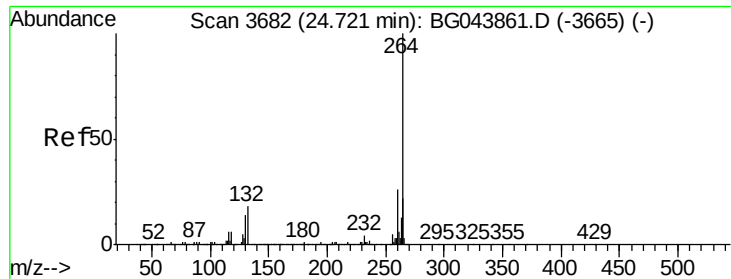


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.73 min Scan# 3683

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

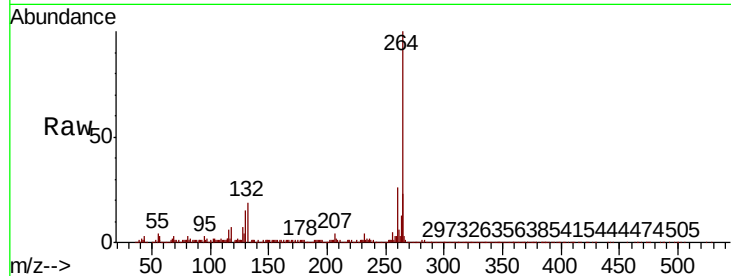
ClientSampleId :

301-305MS

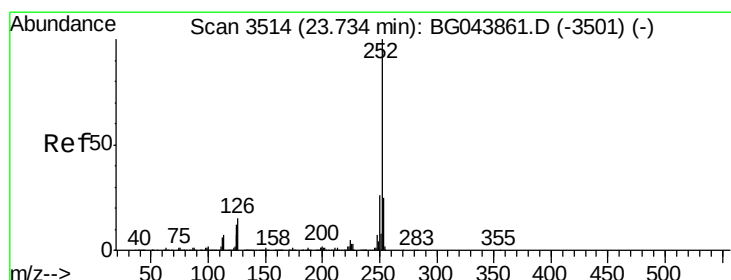
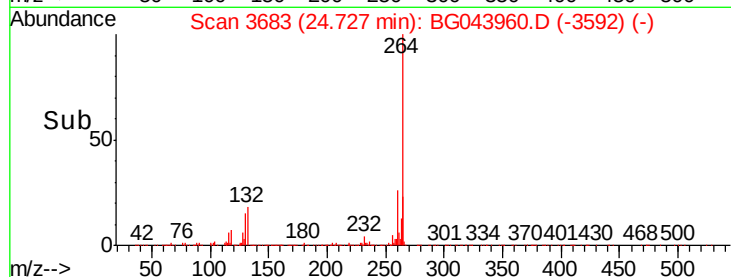
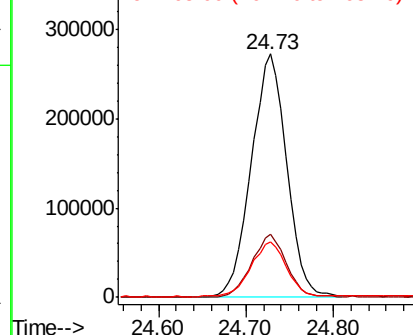
Tot Ion:	264	Resp:	750091
Ion Ratio	Lower	Upper	
264	100		
260	25.7	20.4	30.6
265	23.0	17.4	26.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.356 ng

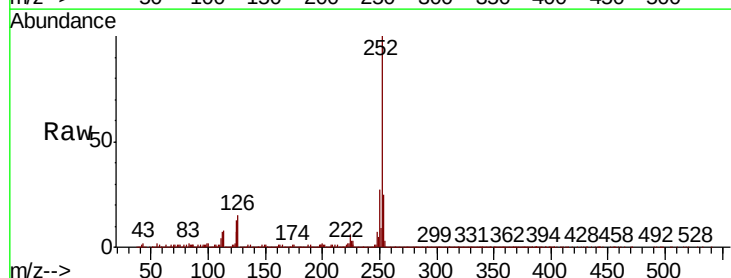
RT: 23.74 min Scan# 3515

Delta R.T. 0.01 min

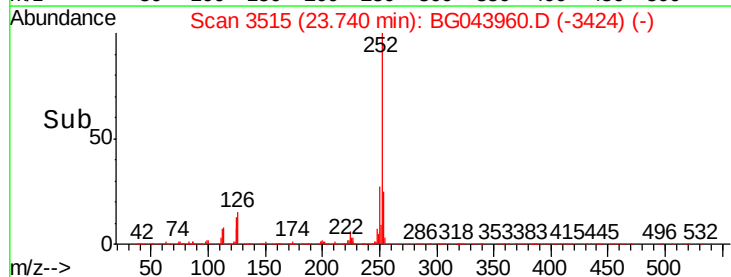
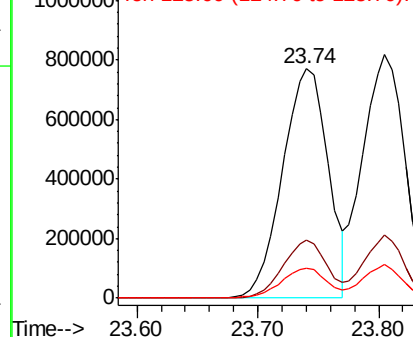
Lab File: BG043960.D

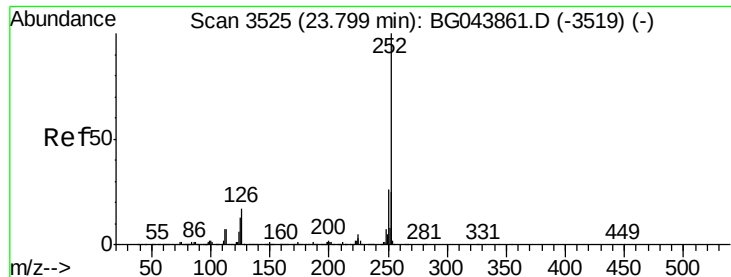
Acq: 7 Jan 2020 18:53

Tgt Ion:	252	Resp:	2011222
Ion Ratio	Lower	Upper	
252	100		
253	25.3	19.7	29.5
125	13.2	9.4	14.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 47.043 ng

RT: 23.80 min Scan# 3526

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Instrument :

BNA_G

ClientSampleId :

301-305MS

Tot Ion:252 Resp: 1983701

Ion Ratio Lower Upper

252 100

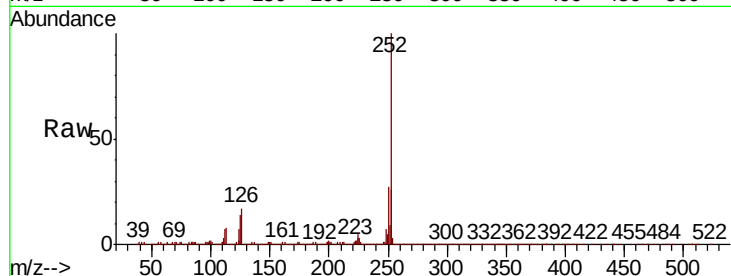
253 25.7 19.4 29.2

125 13.8 9.9 14.9

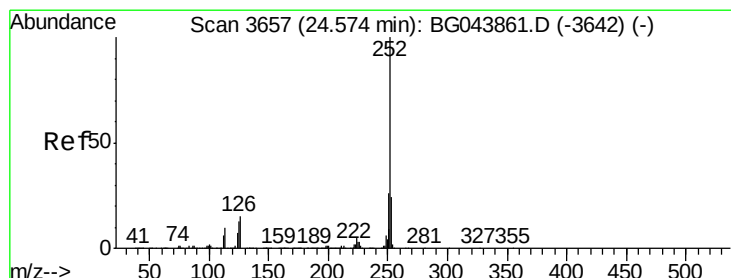
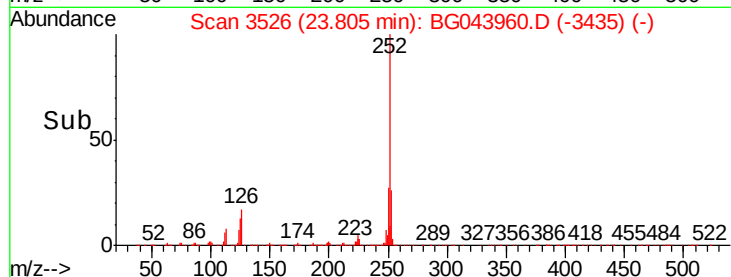
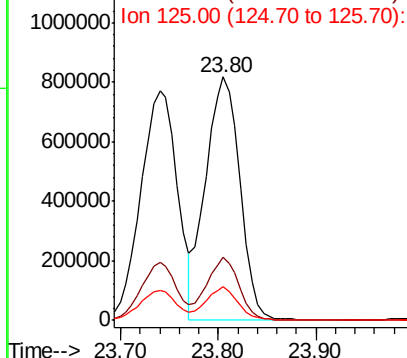
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.060 ng

RT: 24.58 min Scan# 3658

Delta R.T. 0.01 min

Lab File: BG043960.D

Acq: 7 Jan 2020 18:53

Tgt Ion:252 Resp: 1927715

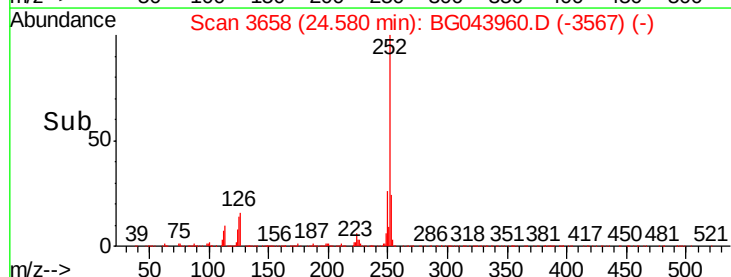
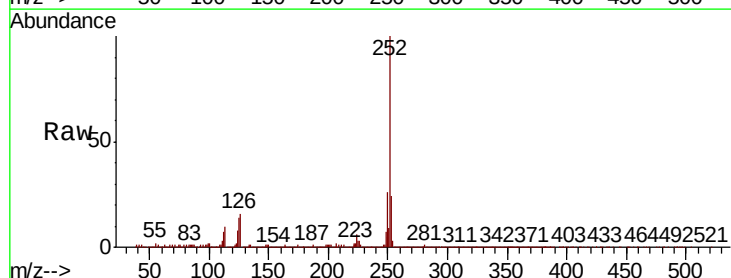
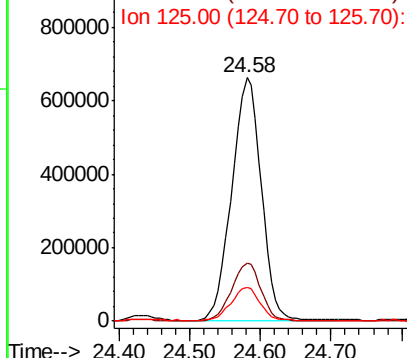
Ion Ratio Lower Upper

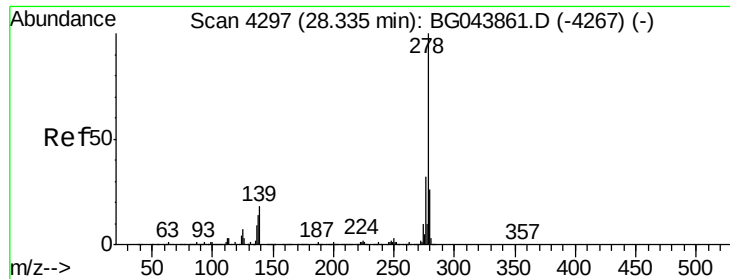
252 100

253 23.8 19.3 28.9

125 14.0 10.4 15.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





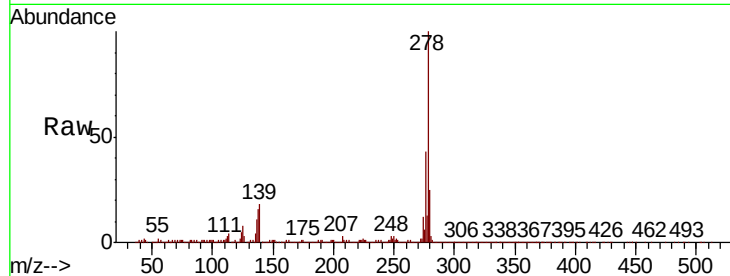
#91
Dibenzo(a,h)anthracene
Concen: 48.027 ng
RT: 28.35 min Scan# 4300
Delta R.T. 0.02 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Instrument :
BNA_G
ClientSampleId :
301-305MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.2	21.4
279	24.9	20.6	30.8

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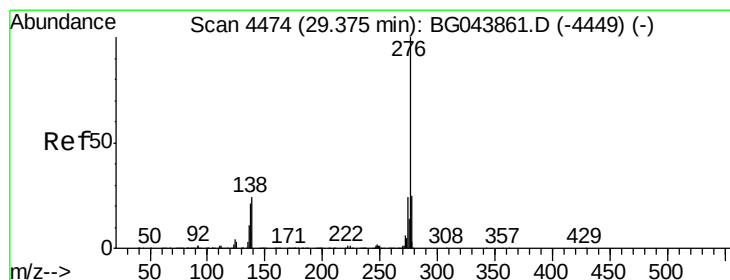
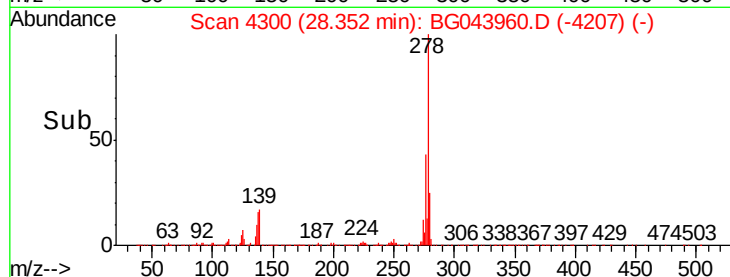
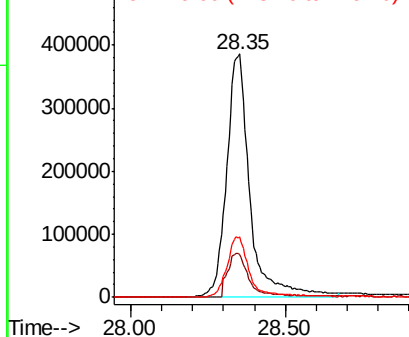


Abundance

Ion 278.00 (277.70 to 278.70): E

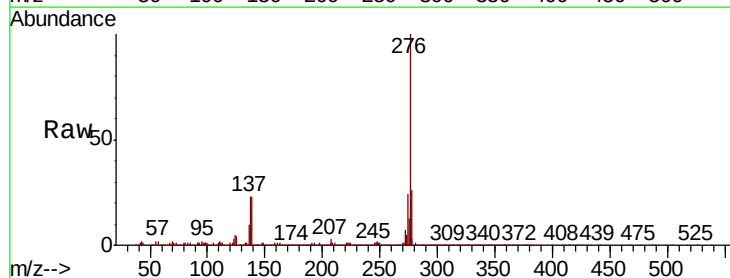
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.877 ng
RT: 29.39 min Scan# 4476
Delta R.T. 0.01 min
Lab File: BG043960.D
Acq: 7 Jan 2020 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.2	30.4
138	23.4	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

