

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043039.D
 Acq On : 4 Oct 2019 22:06
 Operator : JU
 Sample : K5154-12MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMS

Manual Integrations
 APPROVED

mohammad
 10/9/2019 8:31:54 AM

Quant Time: Oct 05 06:37:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	74076	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	283134	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	201756	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	477127	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	519647	20.00	ng	-0.02
87) Perylene-d12	24.91	264	616008	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	336849	81.15	ng	0.00
7) Phenol-d6	7.24	99	321620	53.81	ng	0.00
23) Nitrobenzene-d5	9.22	82	434411	74.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	427345	123.18	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1019091	73.23	ng	-0.01
79) Terphenyl-d14	20.03	244	1992939	81.72	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.54	88	58711	33.925 ng	92
3) Pyridine	3.94	79	106803	21.942 ng	88
4) n-Nitrosodimethylamine	3.86	42	60188	25.714 ng	98
6) Aniline	7.39	93	188744	26.158 ng	97
8) 2-Chlorophenol	7.64	128	182987	42.273 ng	96
9) Benzaldehyde	7.20	77	128552	35.195 ng	88
10) Phenol	7.26	94	131009	23.889 ng	91
11) bis(2-Chloroethyl)ether	7.48	93	157661	37.156 ng	95
12) 1,3-Dichlorobenzene	7.95	146	170923	30.953 ng	97
13) 1,4-Dichlorobenzene	8.10	146	178322	32.394 ng	98
14) 1,2-Dichlorobenzene	8.42	146	172581	32.930 ng	95
15) Benzyl Alcohol	8.30	79	166570	37.065 ng	94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	243190	29.844 ng	97
17) 2-Methylphenol	8.51	107	149657	39.001 ng	97
18) Hexachloroethane	9.15	117	62512	30.152 ng	100
19) n-Nitroso-di-n-propylamine	8.86	70	147006	37.454 ng	94
20) 3+4-Methylphenols	8.84	107	187836	35.720 ng	98
22) Acetophenone	8.88	105	274340	37.590 ng	# 96
24) Nitrobenzene	9.26	77	218428	39.312 ng	97
25) Isophorone	9.79	82	414276	40.488 ng	97
26) 2-Nitrophenol	9.97	139	109186	46.161 ng	94
27) 2,4-Dimethylphenol	10.04	122	184103	50.682 ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	231322	39.846 ng	97
29) 2,4-Dichlorophenol	10.51	162	206346	45.675 ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	210333	36.053 ng	96
31) Naphthalene	10.92	128	534839	38.374 ng	99
32) Benzoic acid	10.16	122	48600	20.497 ng	# 85
33) 4-Chloroaniline	11.03	127	102662	16.975 ng	96
34) Hexachlorobutadiene	11.20	225	140565	32.179 ng	97
35) Caprolactam	11.80	113	23428m	14.705 ng	
36) 4-Chloro-3-methylphenol	12.15	107	220602	44.911 ng	96
37) 2-Methylnaphthalene	12.52	142	421680	39.659 ng	97
38) 1-Methylnaphthalene	12.74	142	395623	39.323 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	282349	37.220 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	340796	70.509	nq	97
43) 2,4,6-Trichlorophenol	13.12	196	198336	44.670	nq	98
44) 2,4,5-Trichlorophenol	13.19	196	208853	45.662	nq	95
46) 1,1'-Biphenyl	13.52	154	580737	37.956	nq	98
47) 2-Chloronaphthalene	13.56	162	449678	39.201	nq	98
48) 2-Nitroaniline	13.76	65	155288	40.708	nq	92
49) Acenaphthylene	14.40	152	726722	41.402	nq	99
50) Dimethylphthalate	14.14	163	787867	52.118	nq	99
51) 2,6-Dinitrotoluene	14.25	165	142400	44.234	nq	92
52) Acenaphthene	14.74	154	458701	39.042	nq	98
53) 3-Nitroaniline	14.59	138	71833	21.591	nq	99
54) 2,4-Dinitrophenol	14.79	184	187478	93.691	nq	96
55) Dibenzofuran	15.08	168	712159	40.976	nq	99
56) 4-Nitrophenol	14.90	139	121642	47.987	nq	94
57) 2,4-Dinitrotoluene	15.04	165	200117	42.449	nq	97
58) Fluorene	15.73	166	608479	41.008	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	207650	42.638	nq	99
60) Diethylphthalate	15.50	149	630199	40.963	nq	99
61) 4-Chlorophenyl-phenylether	15.72	204	355948	39.999	nq	98
62) 4-Nitroaniline	15.75	138	144857	39.923	nq	96
63) Azobenzene	16.01	77	546080	38.988	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	132213	48.970	nq	95
66) n-Nitrosodiphenylamine	15.93	169	550936	43.741	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	251479	41.994	nq	98
68) Hexachlorobenzene	16.74	284	273175	40.970	nq	98
69) Atrazine	16.88	200	210190	39.629	nq	95
70) Pentachlorophenol	17.08	266	353329	91.836	nq	98
71) Phenanthrene	17.47	178	968242	41.567	nq	98
72) Anthracene	17.56	178	989329	42.544	nq	99
73) Carbazole	17.83	167	912936	42.336	nq	100
74) Di-n-butylphthalate	18.38	149	1042121	40.504	nq	99
75) Fluoranthene	19.47	202	1249236	40.547	nq	99
77) Benzidine	19.65	184	731329	56.207	nq	99
78) Pyrene	19.84	202	1264932	40.784	nq	99
80) Butylbenzylphthalate	20.72	149	491892	41.782	nq	97
81) Benzo(a)anthracene	21.68	228	1307295	40.375	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	272191	21.433	nq	99
83) Chrysene	21.74	228	1280715	40.760	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	704642	42.063	nq	99
85) Di-n-octyl phthalate	22.79	149	1202083	43.883	nq	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1703538	43.550	nq	99
88) Benzo(b)fluoranthene	23.89	252	1423866	40.851	nq	98
89) Benzo(k)fluoranthene	23.96	252	1392652	40.388	nq	99
90) Benzo(a)pyrene	24.76	252	1398308	42.522	nq	99
91) Dibenzo(a,h)anthracene	28.65	278	1440667	42.724	nq	99
92) Benzo(g,h,i)perylene	29.73	276	1408664	43.115	nq	97

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



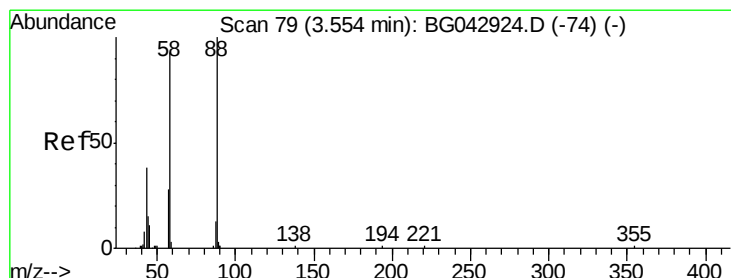
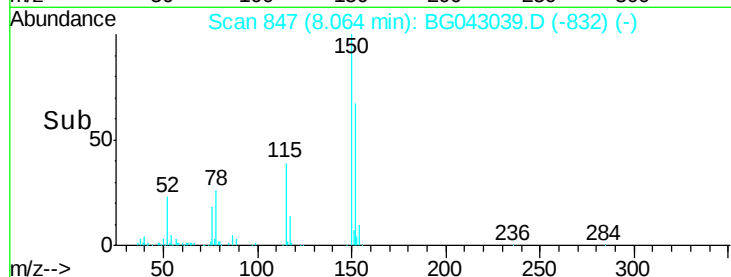
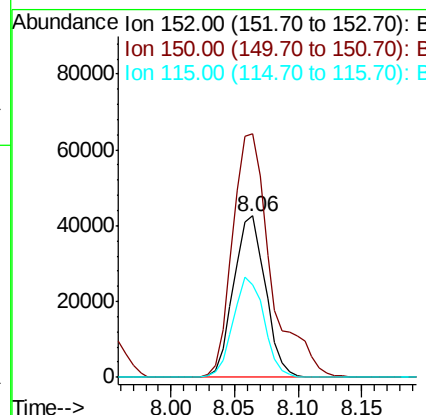
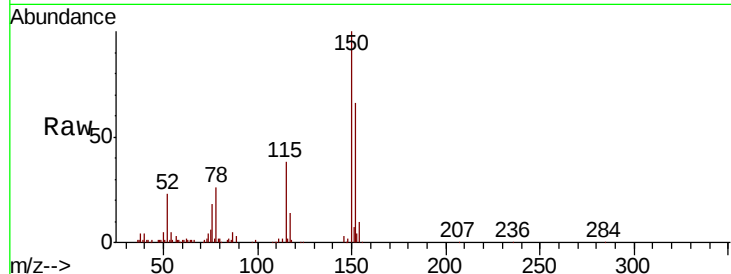
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	115.0	172.4
115	57.3	47.0	70.6

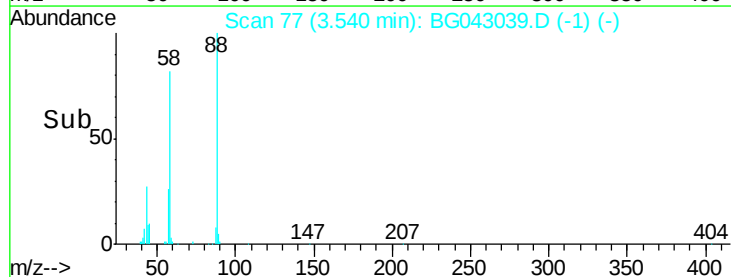
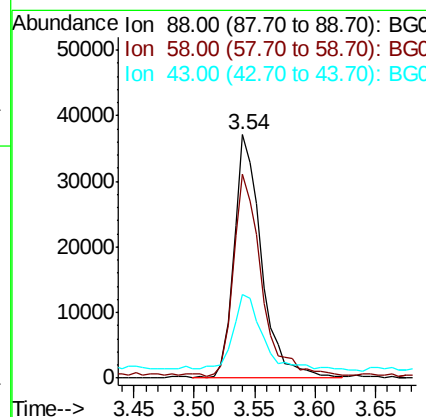
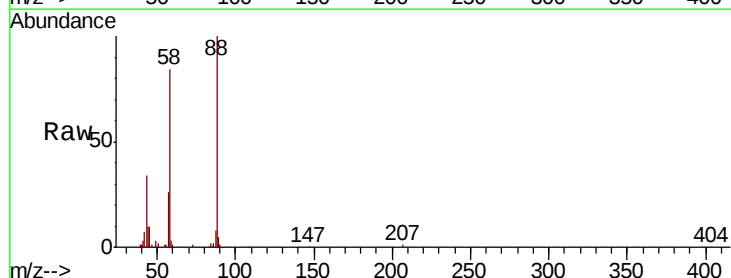
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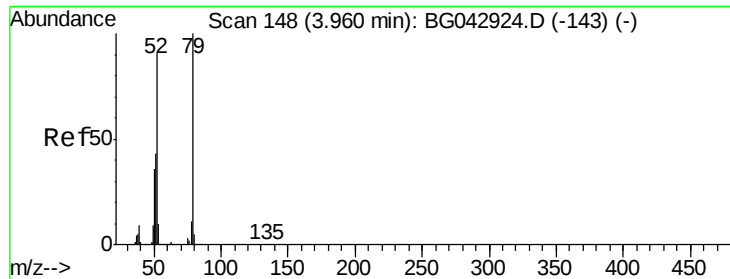
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#2
 1,4-Dioxane
 Concen: 33.925 ng
 RT: 3.54 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.9	74.3	111.5
43	35.1	29.8	44.8





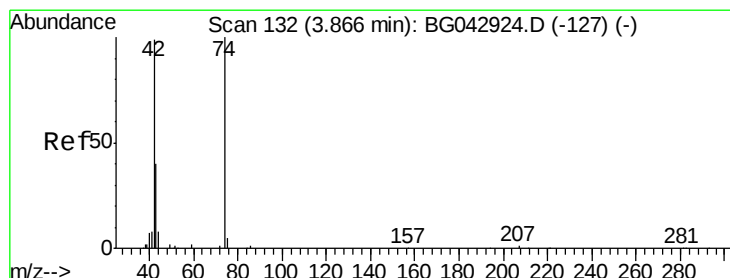
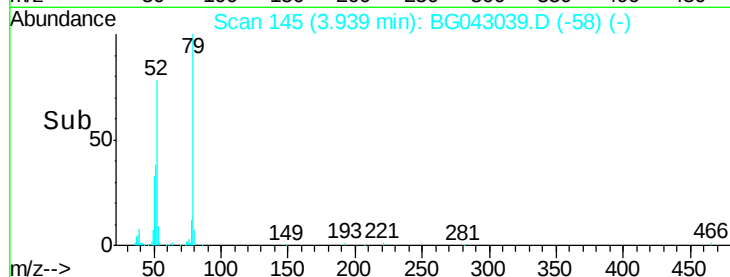
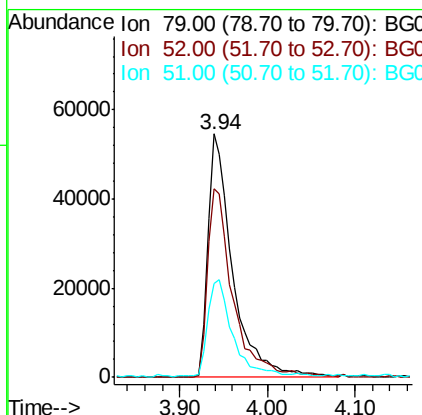
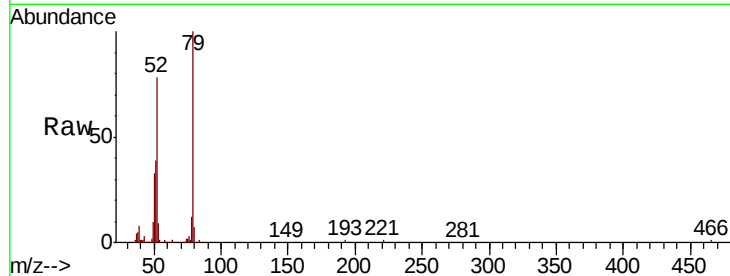
#3
 Pvridine
 Concen: 21.942 ng
 RT: 3.94 min Scan# 145
 Delta R.T. -0.02 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMS

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	77.6	73.0	109.4
51	51	38.8	35.1	52.7

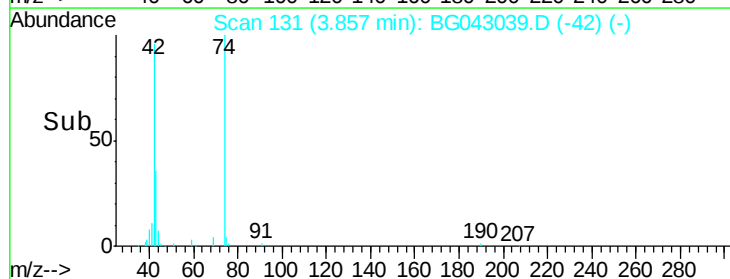
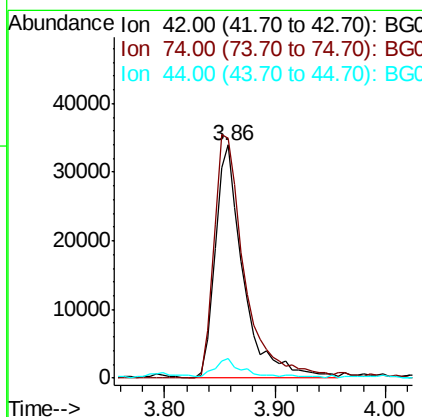
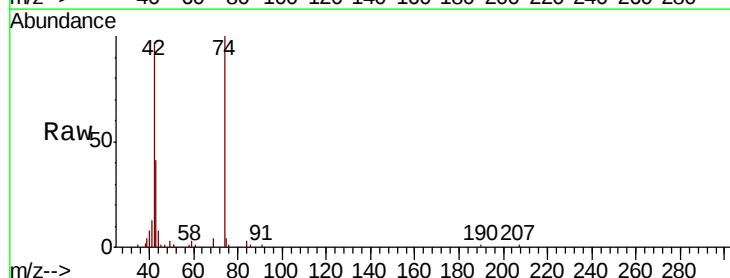
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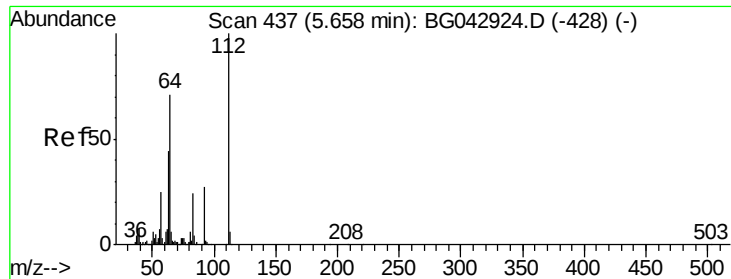
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#4
 n-Nitrosodimethylamine
 Concen: 25.714 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	103.0	80.5	120.7
44	44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 81.153 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

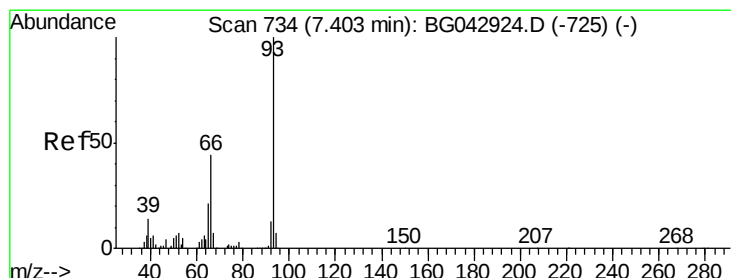
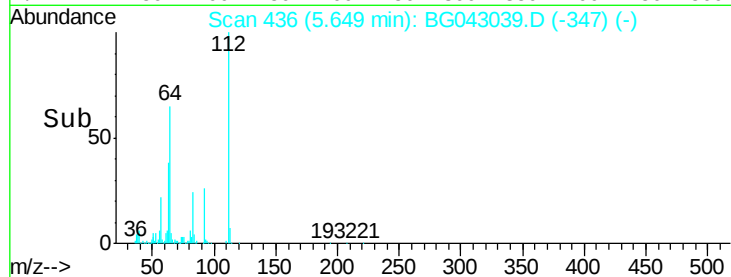
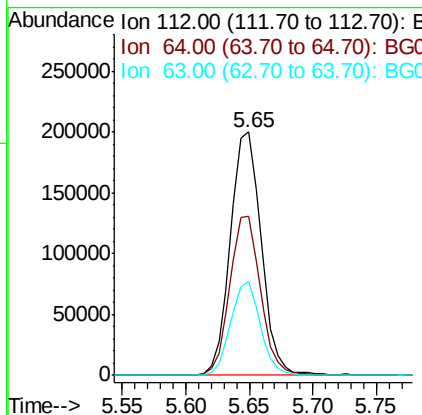
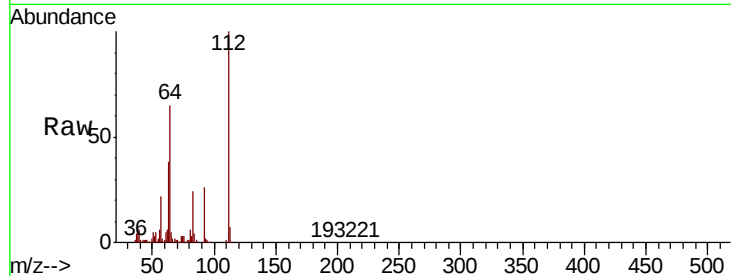
ClientSampleId :

MW-103-IMS

Tot Ion:	112	Resp:	336849
Ion Ratio	Lower	Upper	
112	100		
64	65.4	56.6	84.8
63	38.5	35.1	52.7

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#6

Aniline

Concen: 26.158 ng

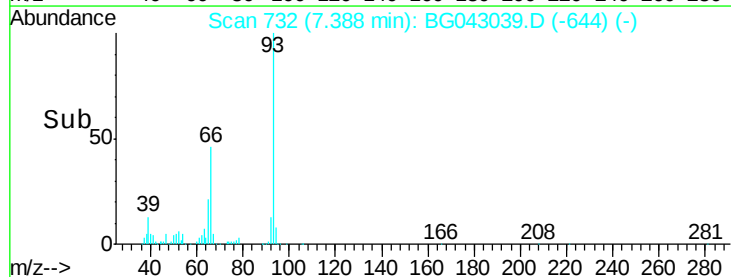
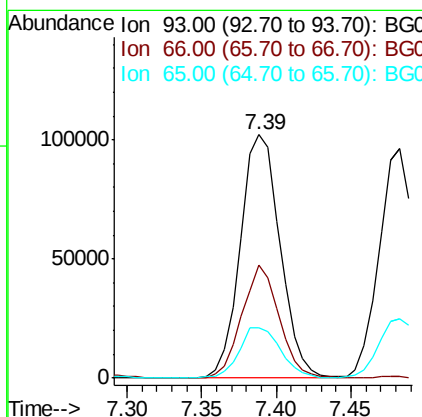
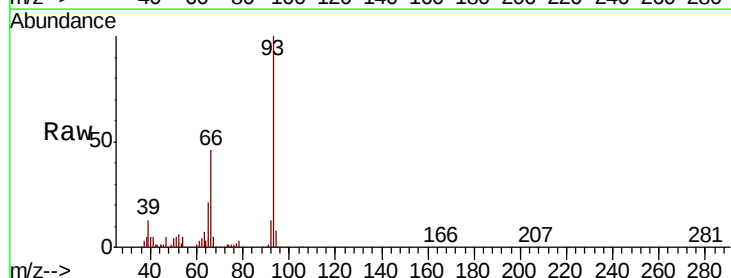
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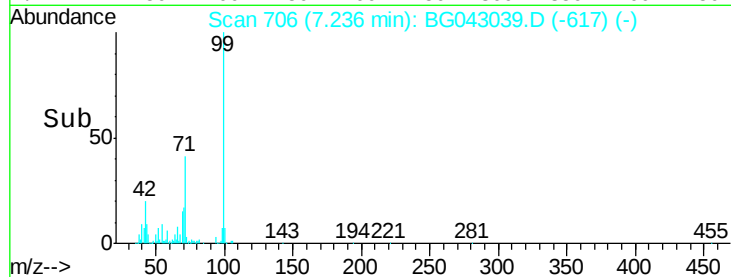
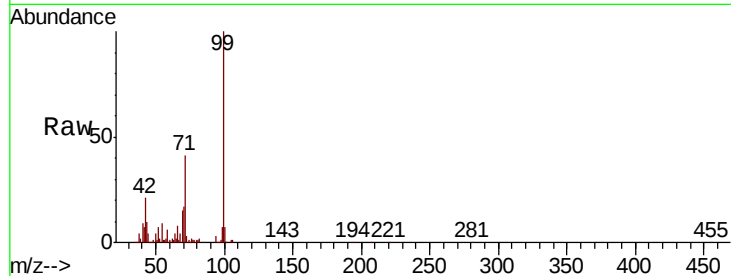
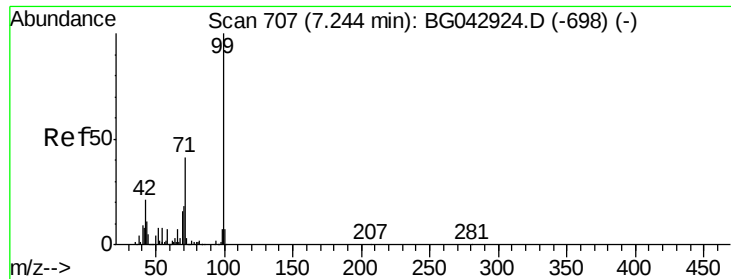
Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	93	Resp:	188744
Ion Ratio	Lower	Upper	
93	100		
66	46.3	35.0	52.6
65	20.9	17.4	26.0





#7

Phenol-d6

Concen: 53.806 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tot Ion:	99	Resp:	321620
Ion Ratio	Lower	Upper	
99	100		
42	20.6	17.2	25.8
71	40.8	33.1	49.7

Instrument :

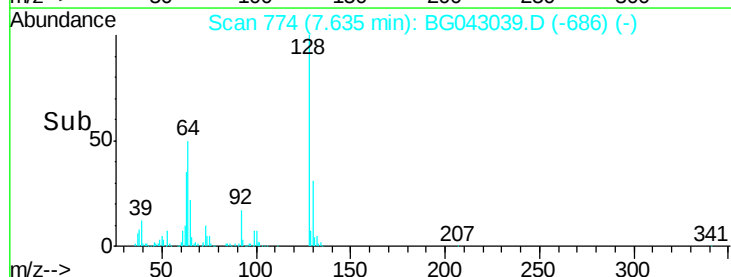
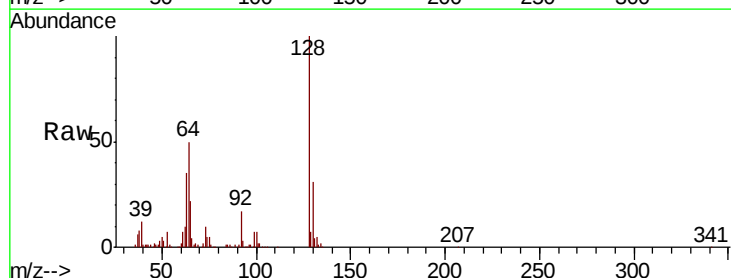
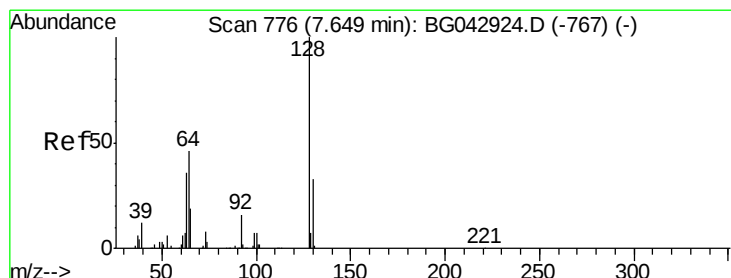
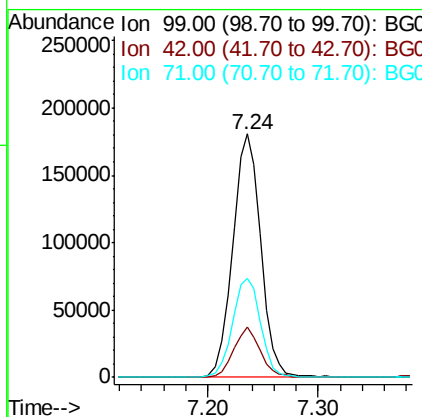
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#8

2-Chlorophenol

Concen: 42.273 ng

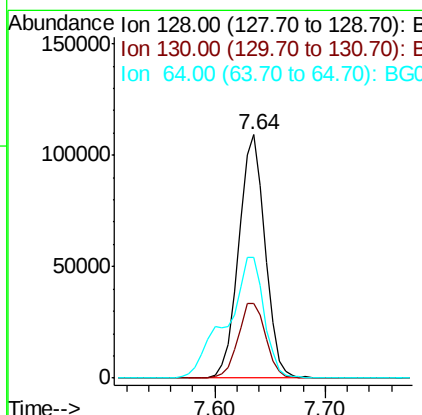
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Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	128	Resp:	182987
Ion Ratio	Lower	Upper	
128	100		
130	30.7	12.5	52.5
64	49.8	32.8	72.8





#9

Benzaldehyde

Concen: 35.195 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

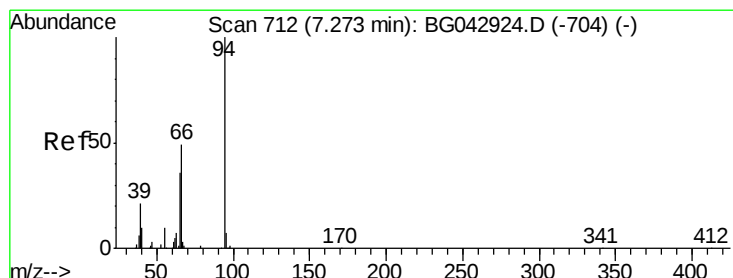
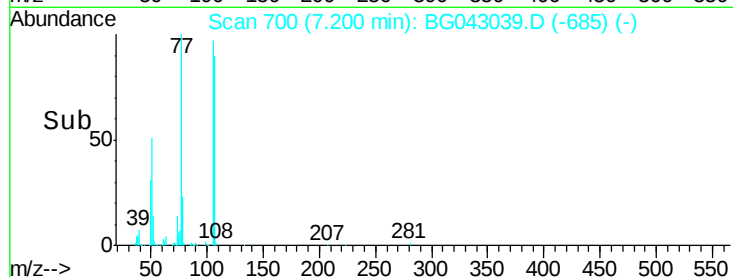
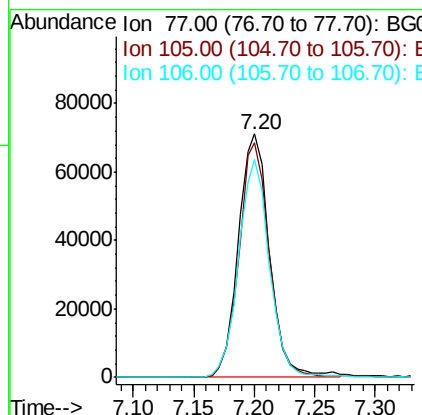
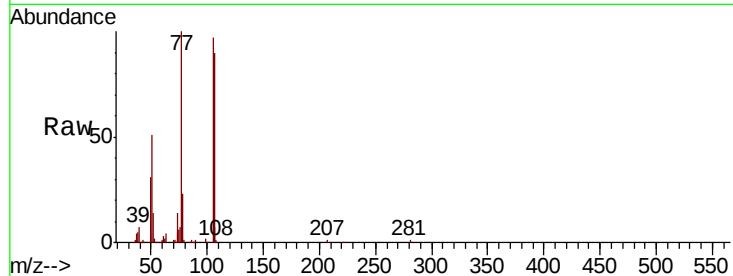
ClientSampleId :

MW-103-IMS

Tot Ion:	77	Resp:	128552
Ion Ratio	Lower	Upper	
77	100		
105	96.5	64.6	104.6
106	89.6	59.4	99.4

Manual Integrations
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#10

Phenol

Concen: 23.889 ng

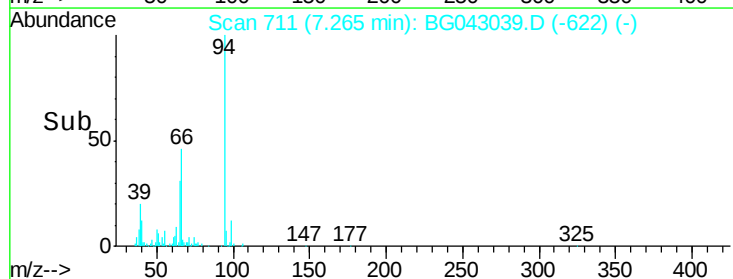
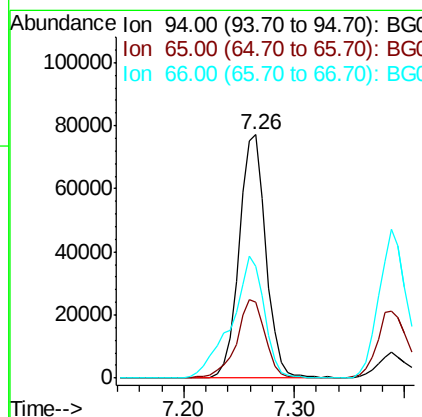
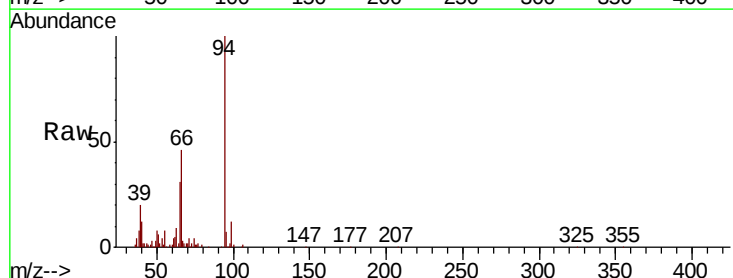
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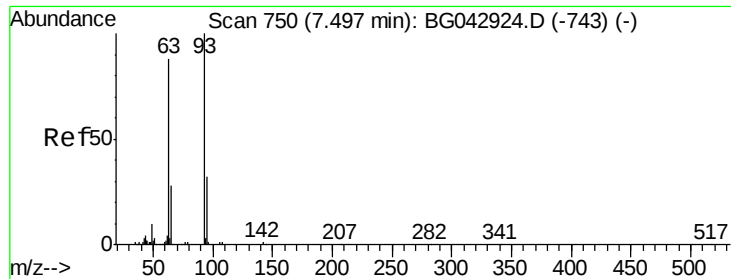
Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	94	Resp:	131009
Ion Ratio	Lower	Upper	
94	100		
65	31.3	16.6	56.6
66	45.8	32.4	72.4





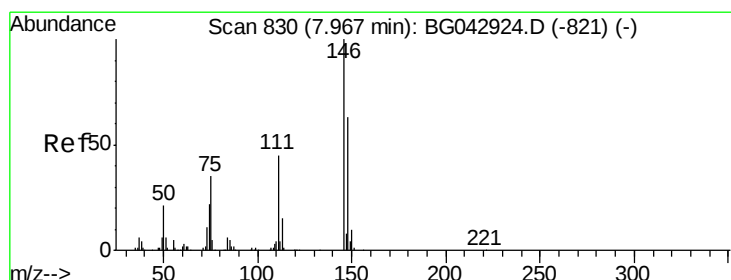
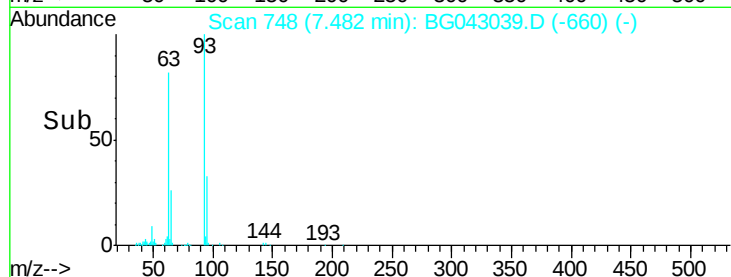
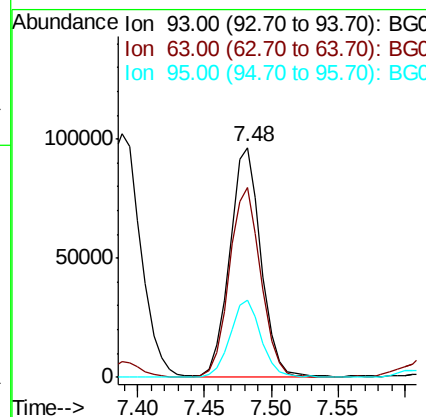
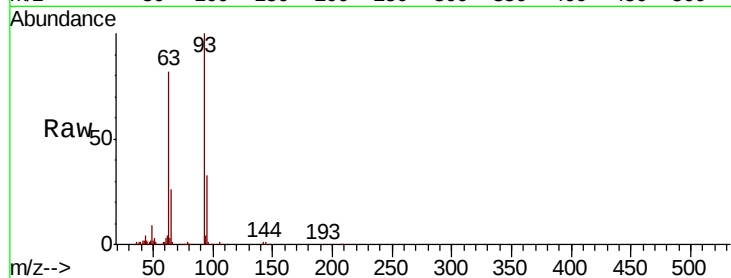
#11
bis(2-Chloroethyl)ether
Concen: 37.156 ng
RT: 7.48 min Scan# 748
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	67.4	107.4
95	33.5	11.9	51.9

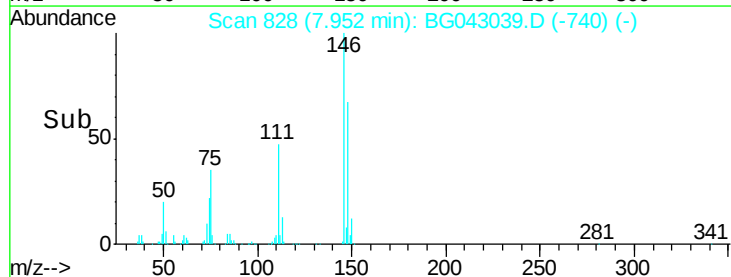
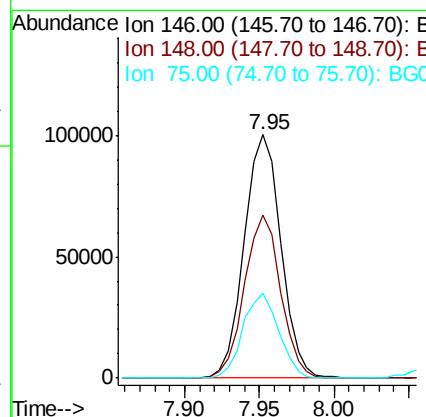
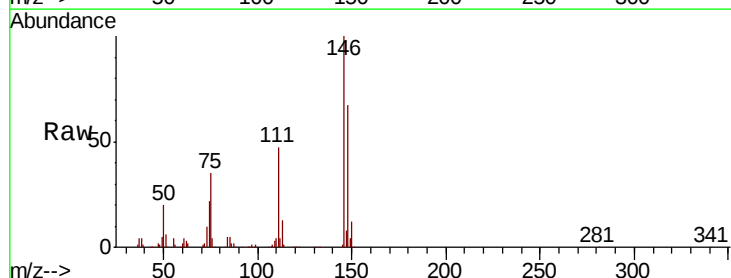
Manual Integrations
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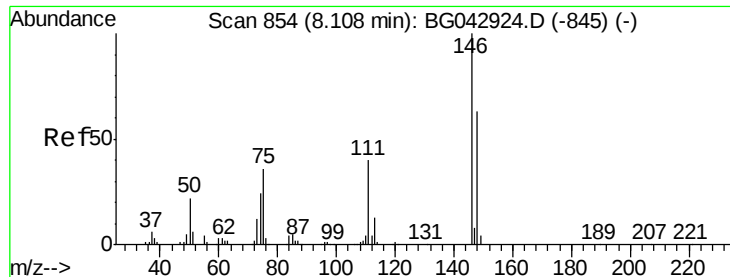
mohammad
10/9/2019 8:31:54 AM



#12
1,3-Dichlorobenzene
Concen: 30.953 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.0	50.7	76.1
75	34.8	27.7	41.5





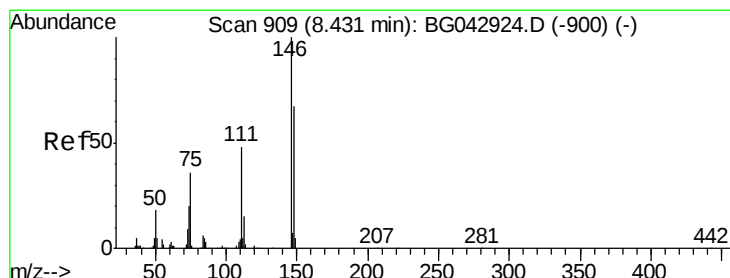
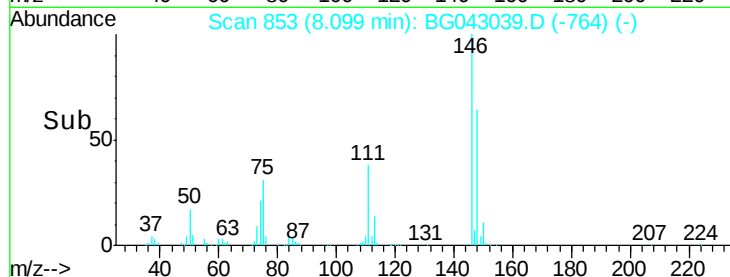
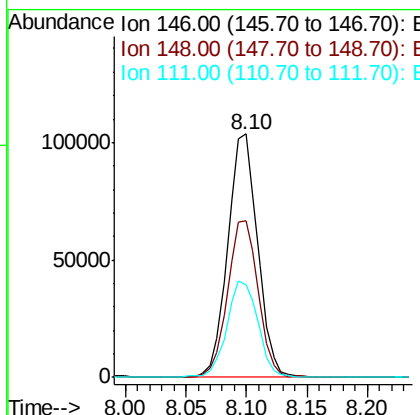
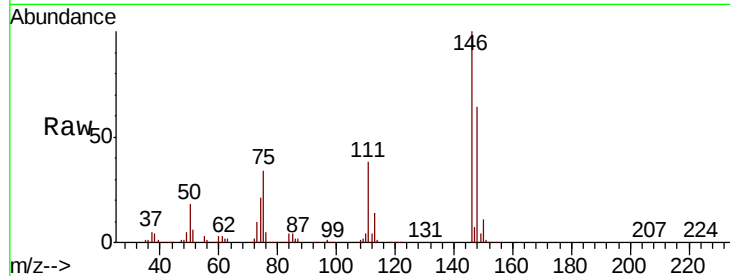
#13
1,4-Dichlorobenzene
Concen: 32.394 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.9	76.3
111	38.2	31.8	47.8

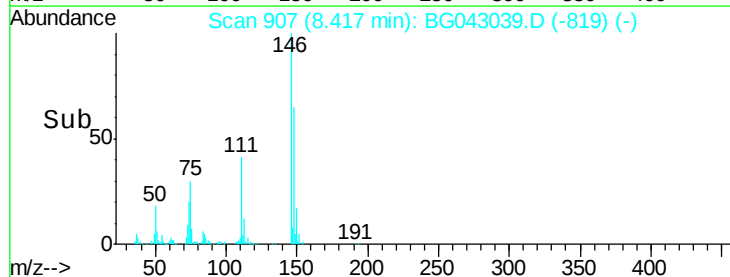
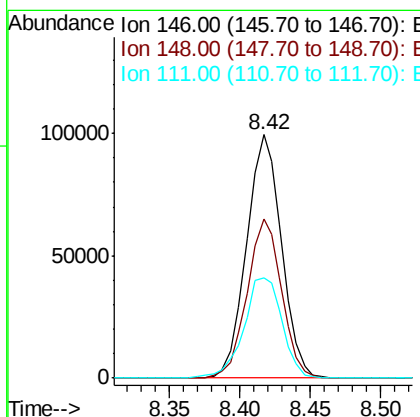
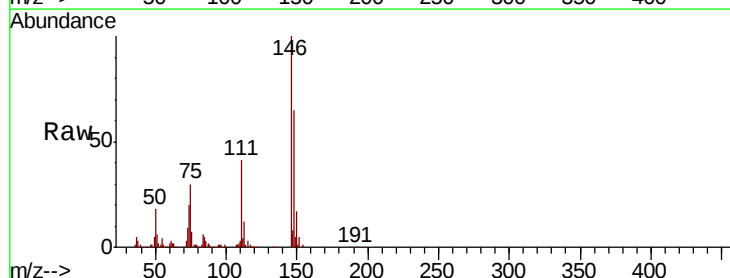
Manual Integrations
APPROVED

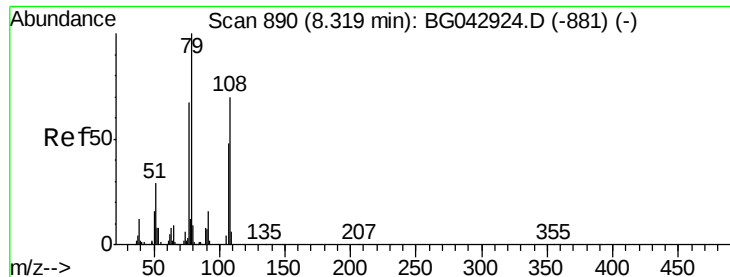
mohammad
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#14
1,2-Dichlorobenzene
Concen: 32.930 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.2
111	41.4	38.5	57.7





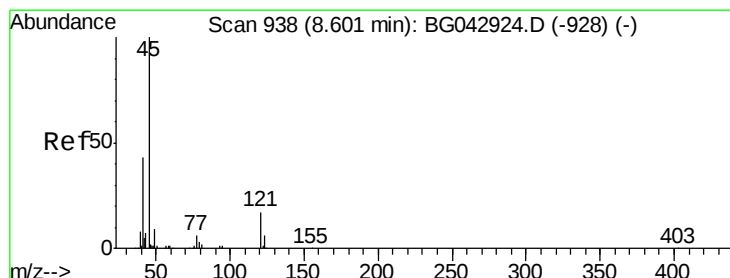
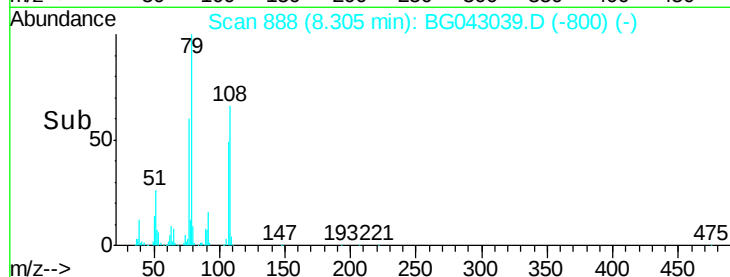
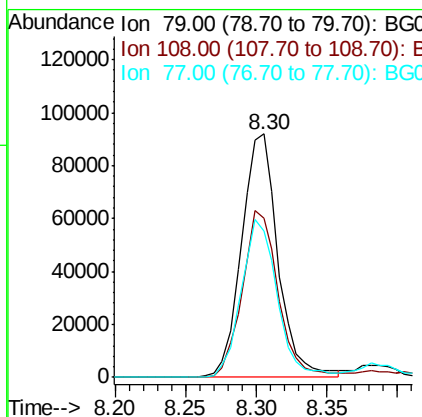
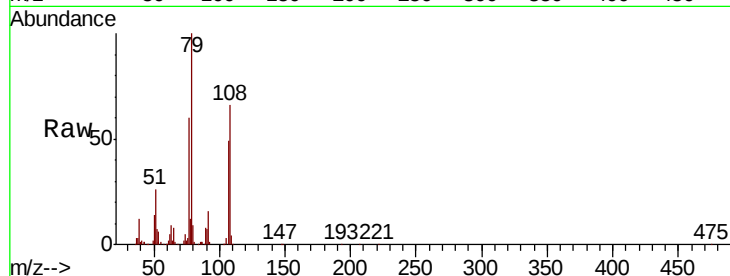
#15
Benzyl Alcohol
Concen: 37.065 ng
RT: 8.30 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.6	55.7	83.5
77	60.1	53.3	79.9

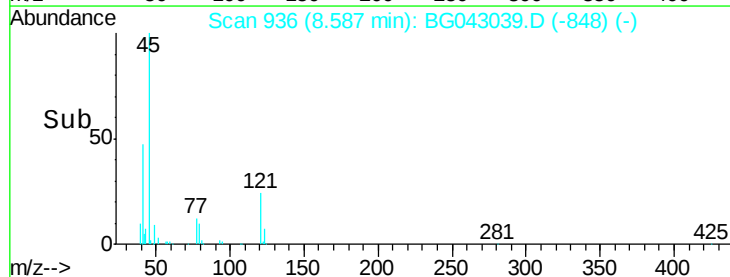
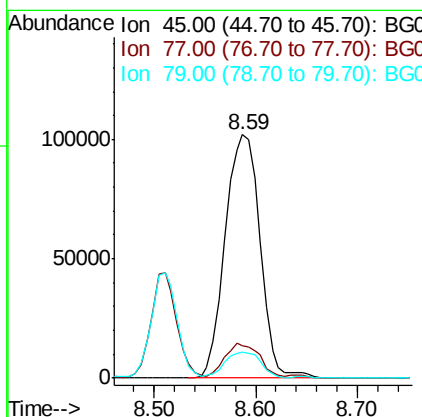
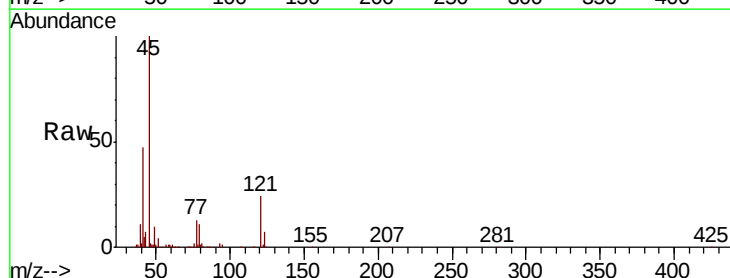
Manual Integrations
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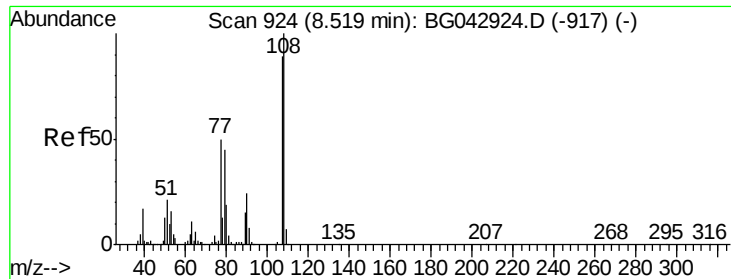
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.844 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	32.8
79	10.9	0.0	29.4





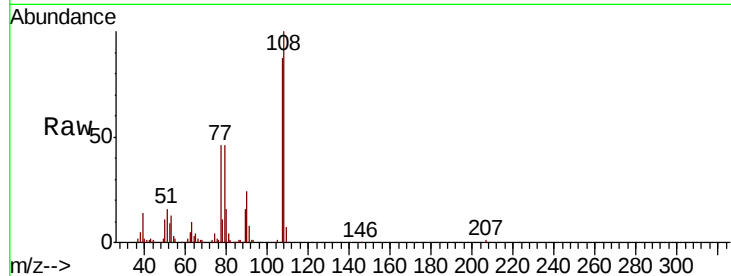
#17
2-Methylphenol
Concen: 39.001 ng
RT: 8.51 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampled :
MW-103-IMS

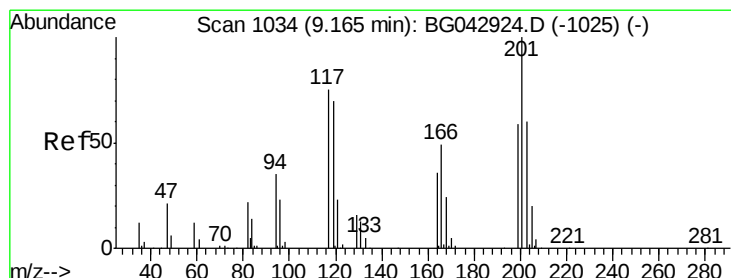
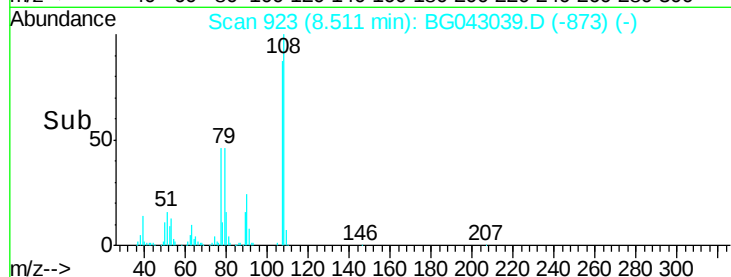
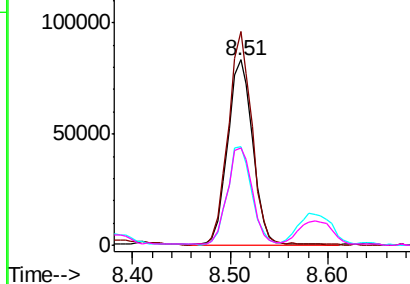
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.5	89.9	134.9	
77	53.0	45.4	68.2	
79	52.8	41.4	62.0	

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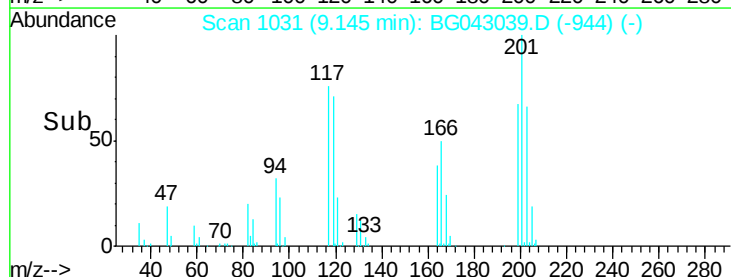
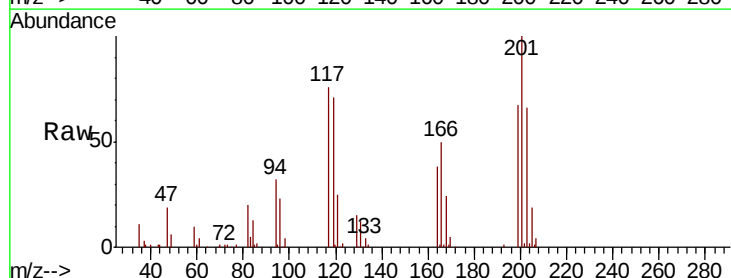
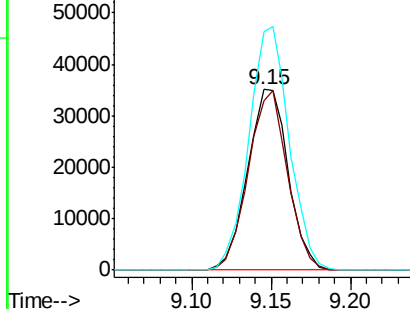
Abundance Ion 107.00 (106.70 to 107.70): E
150000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

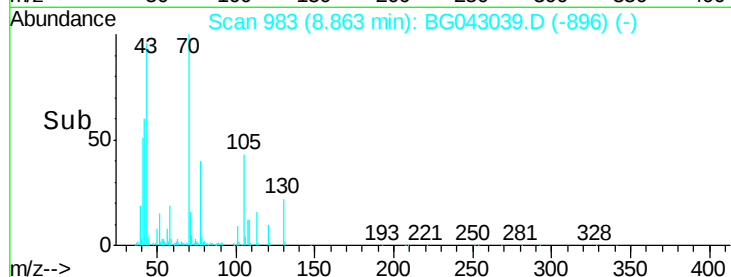
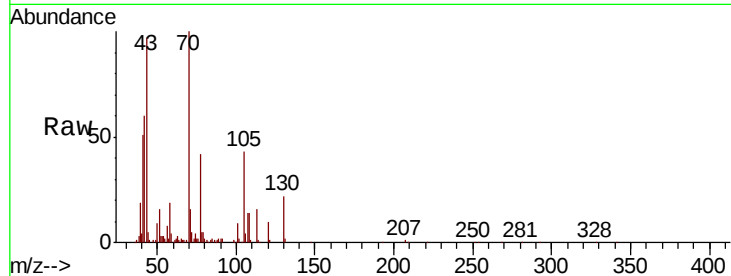
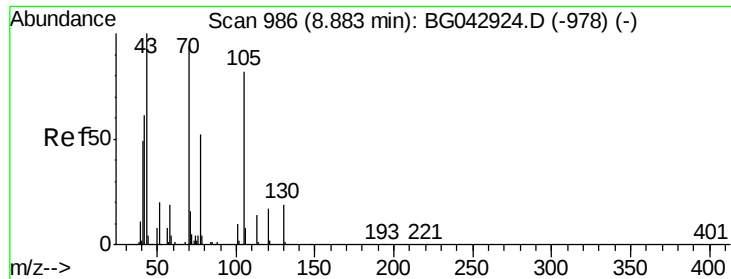


#18
Hexachloroethane
Concen: 30.152 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	74.6	111.8	
201	132.3	106.0	159.0	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





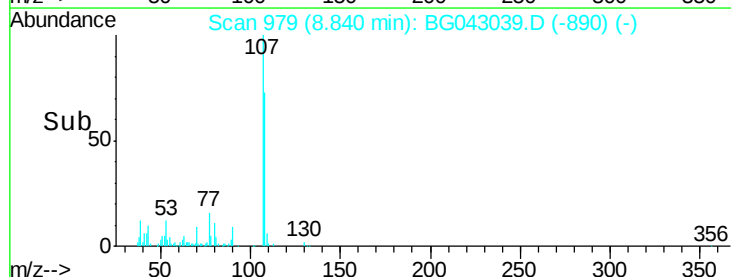
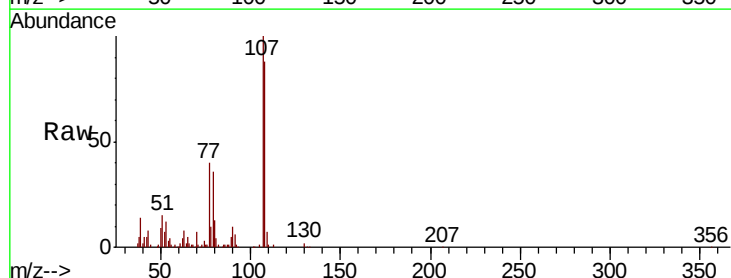
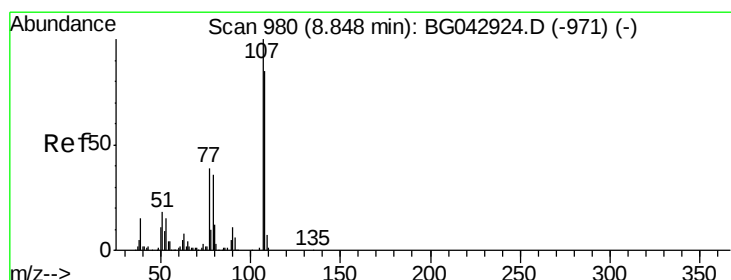
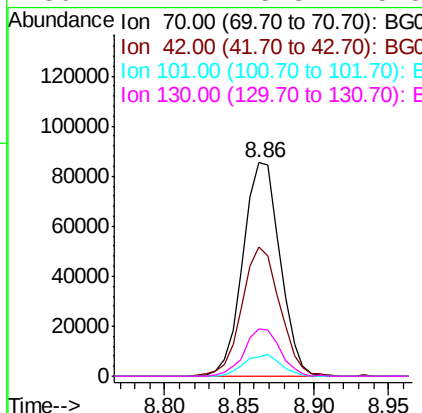
#19
n-Nitroso-di-n-propylamine
Concen: 37.454 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Manual Integrations
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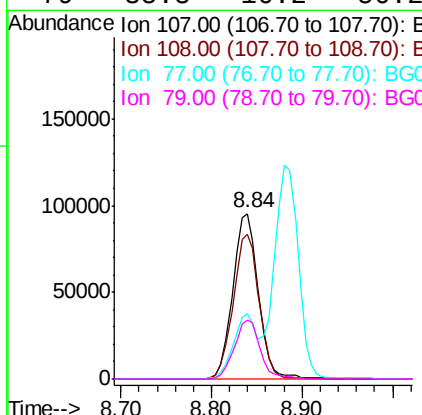
mohammad
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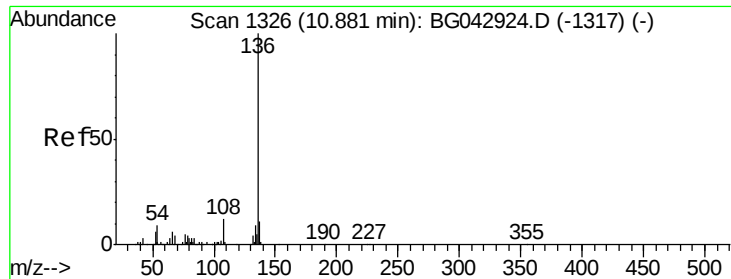
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	52.6	79.0	
101	9.2	8.7	13.1	
130	22.1	15.8	23.8	



#20
3+4-Methylphenols
Concen: 35.720 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	64.9	104.9	
77	39.9	19.4	59.4	
79	35.8	16.2	56.2	





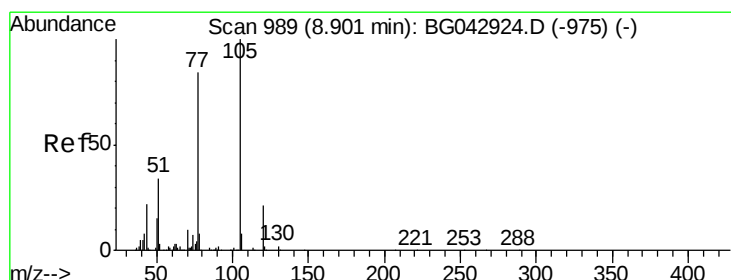
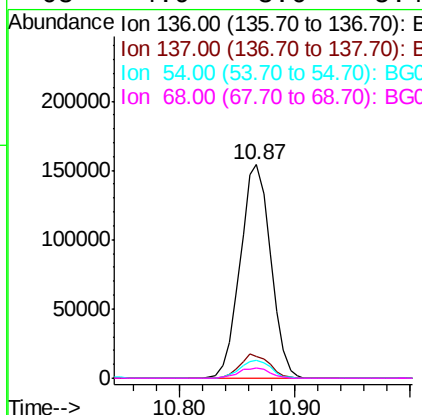
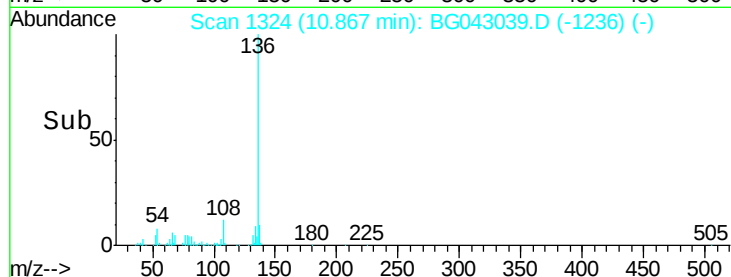
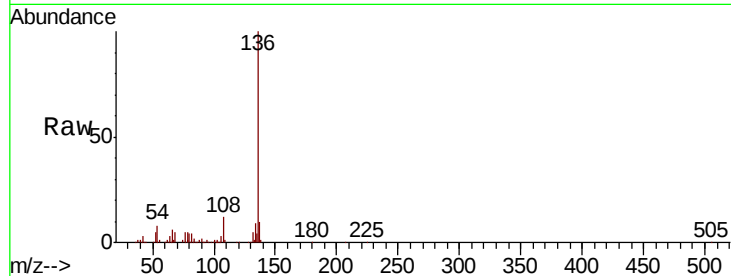
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		283134		
137	10.1		8.5	12.7	
54	8.3		7.4	11.2	
68	4.9		3.6	5.4	

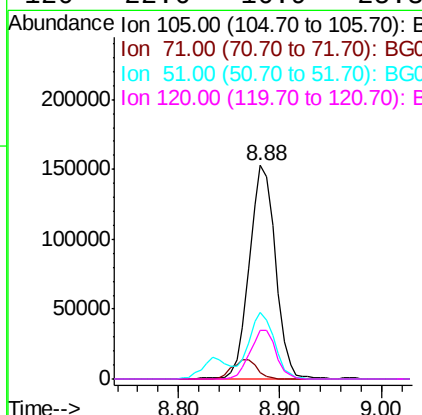
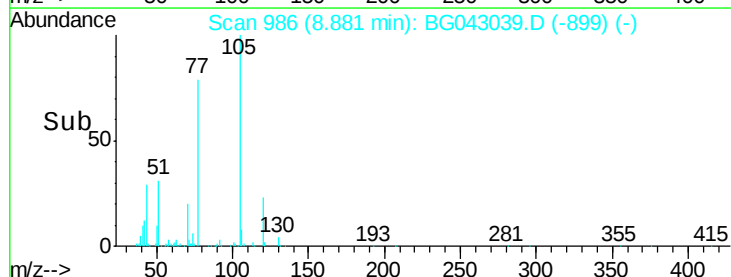
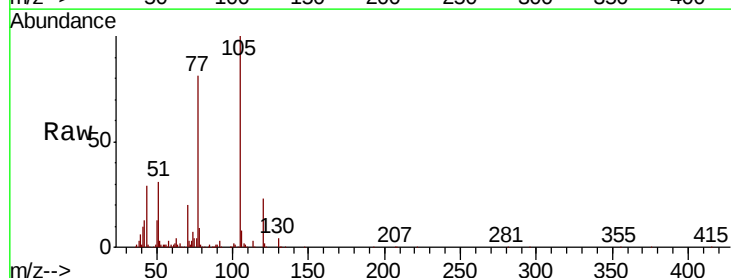
Manual Integrations
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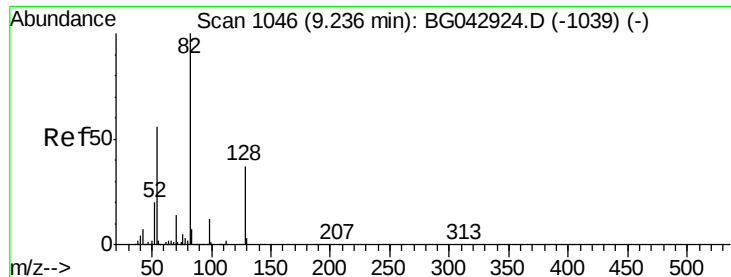
mohammad
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#22
Acetophenone
Concen: 37.590 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		274340		
71	3.0		1.2	1.8#	
51	31.4		27.2	40.8	
120	22.6		16.9	25.3	





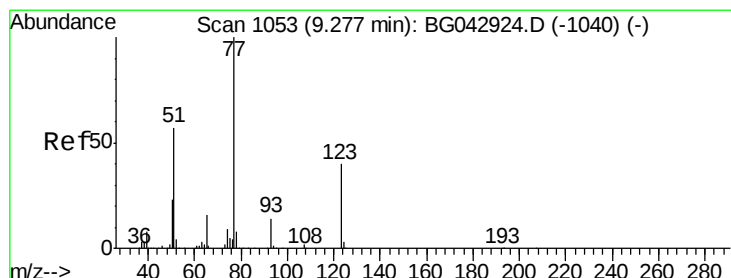
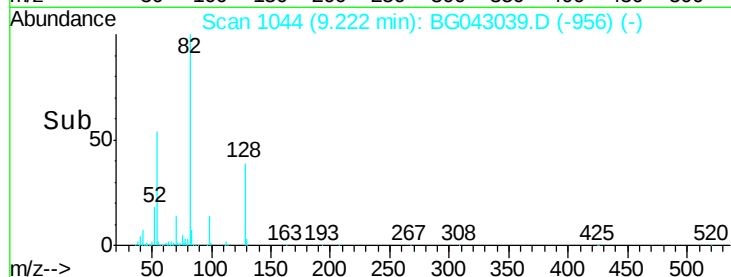
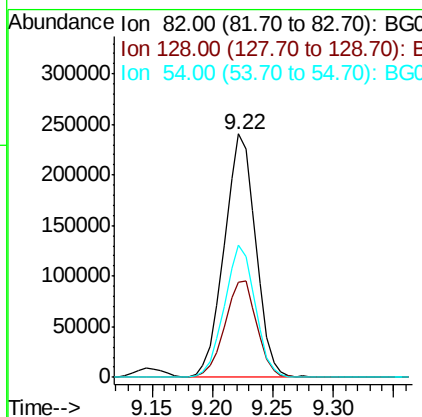
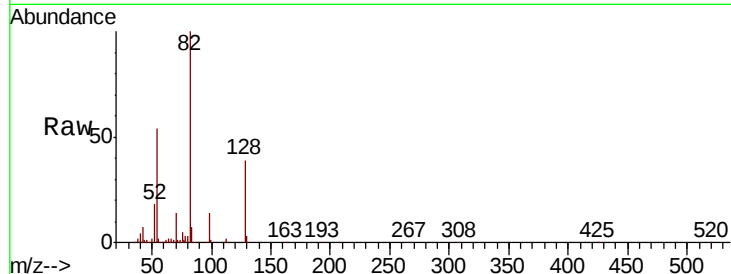
#23
Nitrobenzene-d5
Concen: 74.575 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	39.0	29.5	44.3	
54	54.2	44.6	67.0	

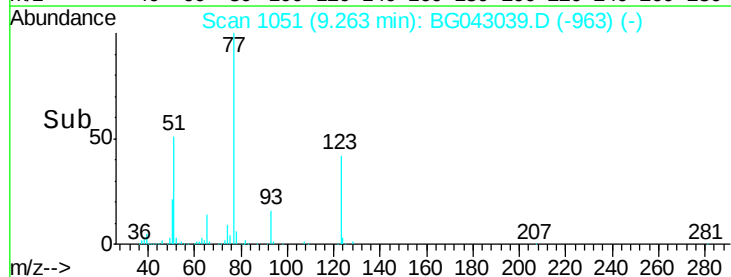
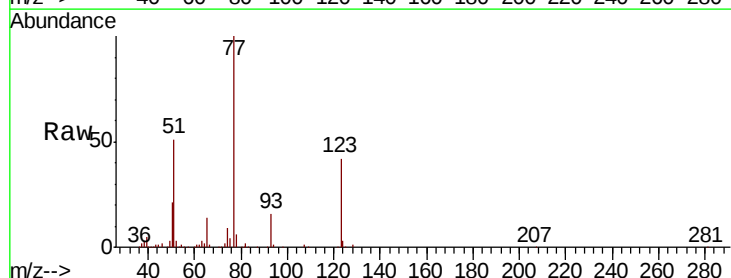
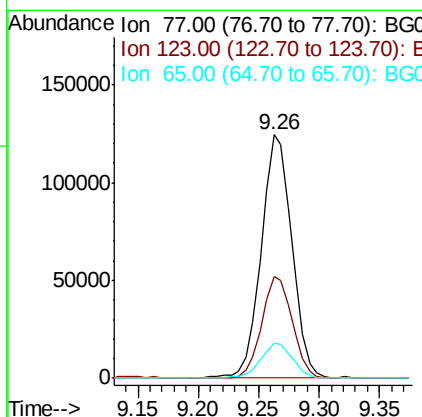
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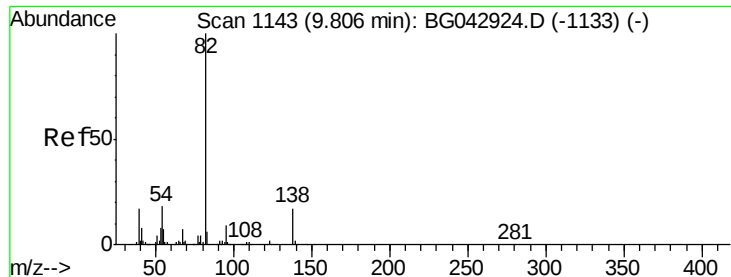
mohammad
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#24
Nitrobenzene
Concen: 39.312 ng
RT: 9.26 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
123	41.8	31.9	47.9	
65	14.2	12.4	18.6	





#25

Isophorone

Concen: 40.488 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

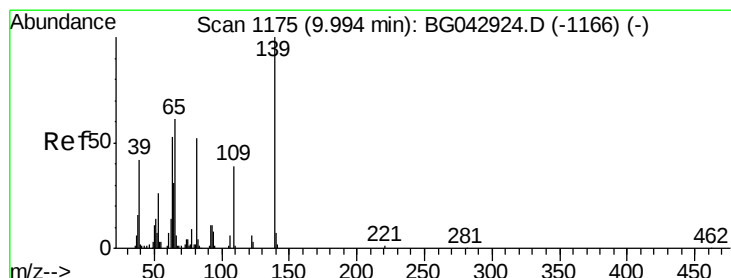
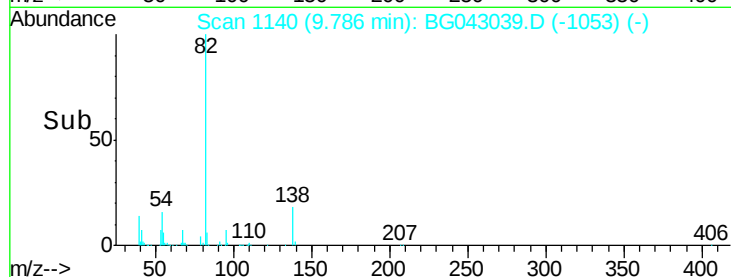
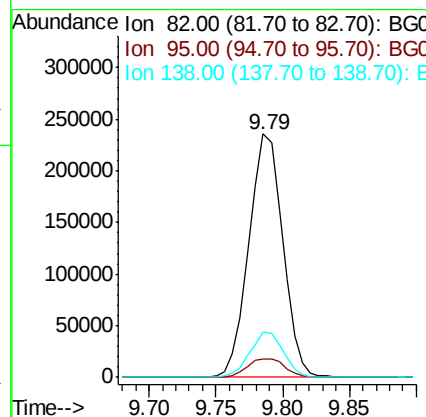
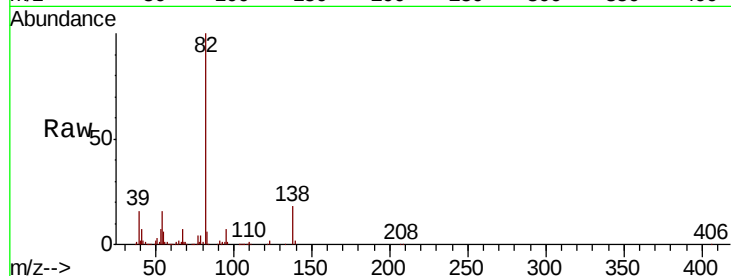
ClientSampleId :

MW-103-IMS

Tot Ion:	82	Resp:	414276
Ion Ratio	Lower	Upper	
82	100		
95	7.3	7.0	10.4
138	18.4	13.8	20.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.161 ng

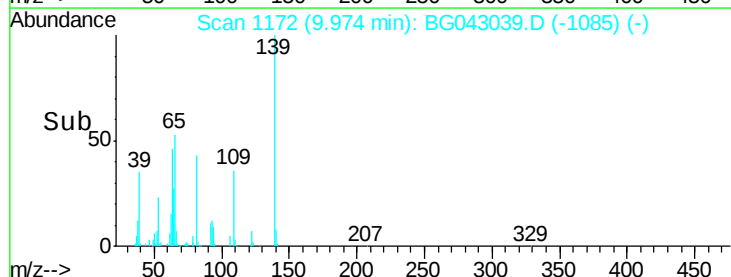
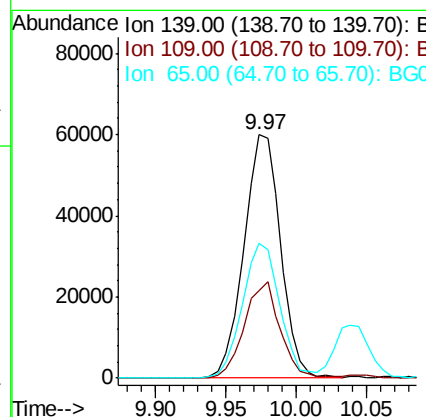
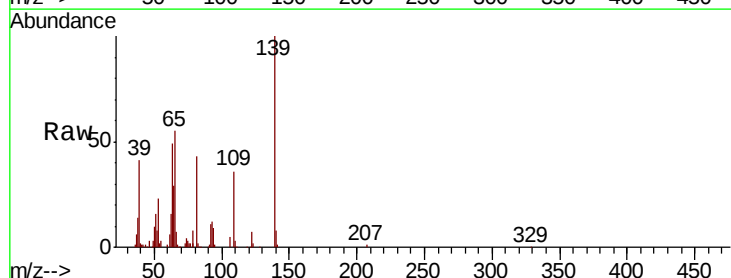
RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	139	Resp:	109186
Ion Ratio	Lower	Upper	
139	100		
109	36.1	31.0	46.6
65	55.3	48.4	72.6





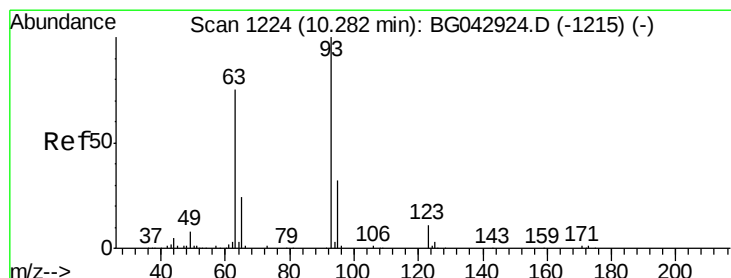
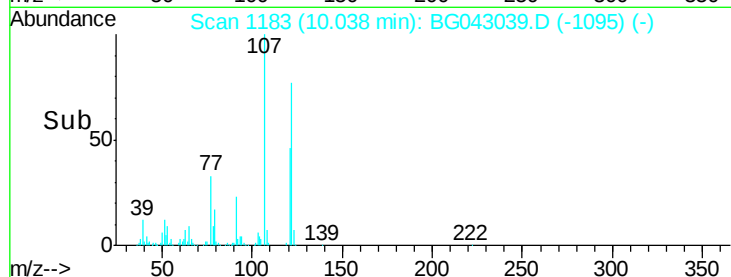
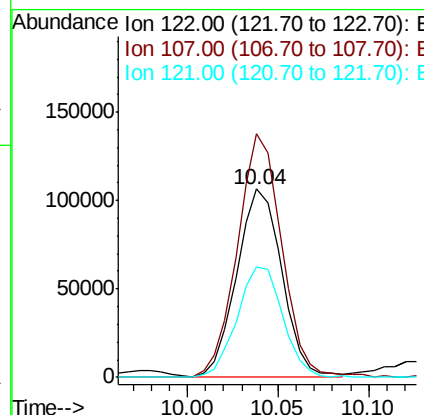
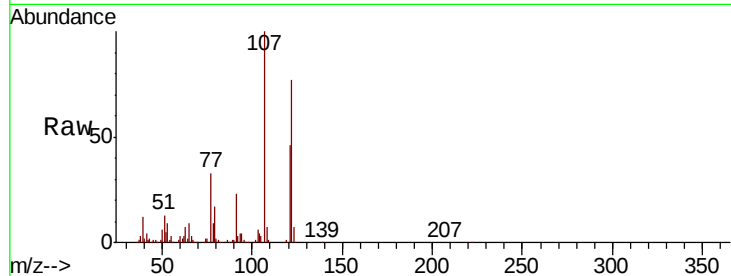
#27
2,4-Dimethylphenol
Concen: 50.682 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.3	102.2	153.2
121	58.9	48.5	72.7

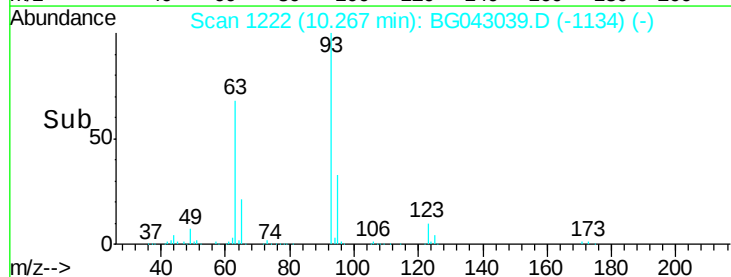
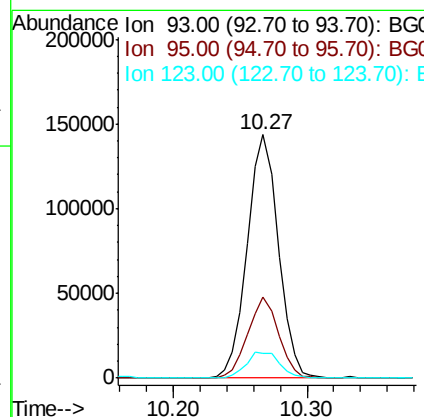
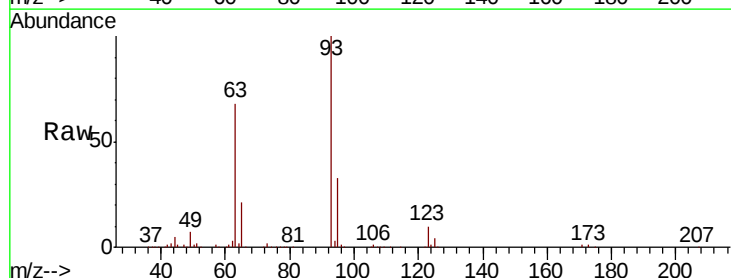
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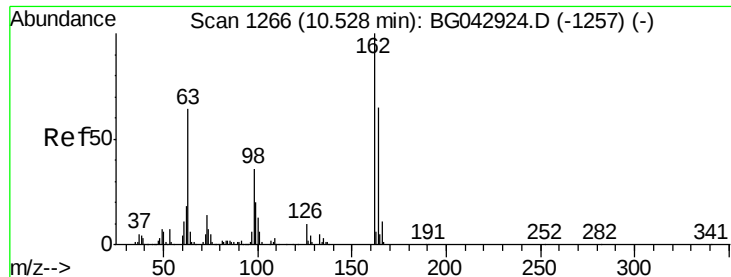
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#28
bis(2-Chloroethoxy)methane
Concen: 39.846 ng
RT: 10.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.4	38.0
123	10.3	9.3	13.9





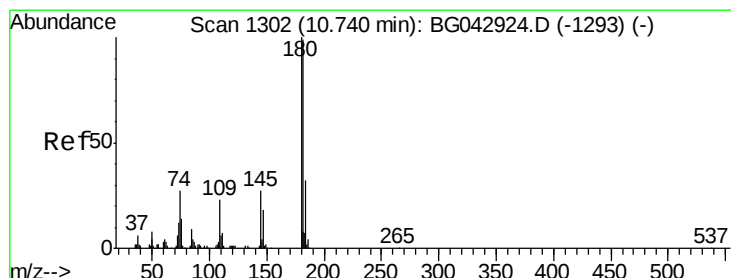
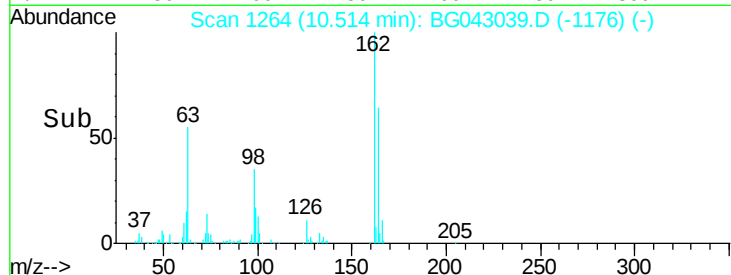
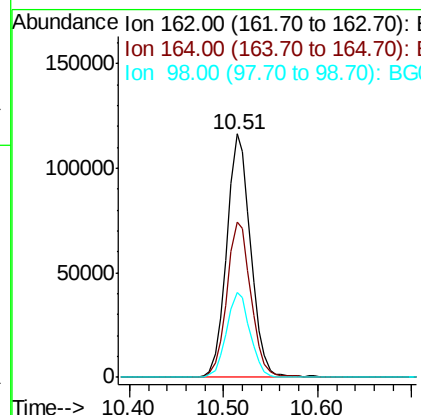
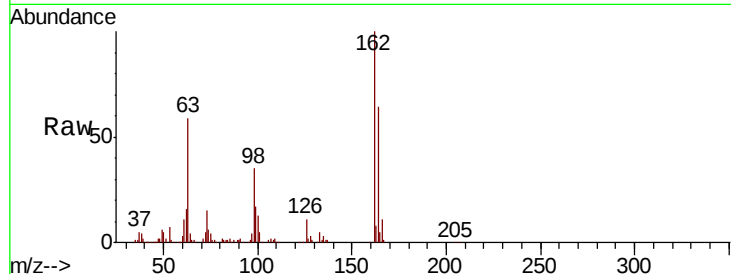
#29
 2,4-Dichlorophenol
 Concen: 45.675 ng
 RT: 10.51 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	206346		
164	64.0		44.7	84.7
98	34.8		16.0	56.0

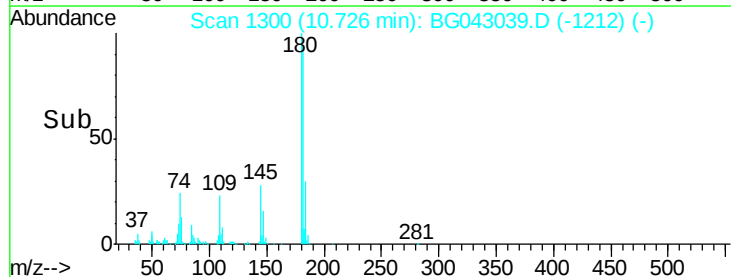
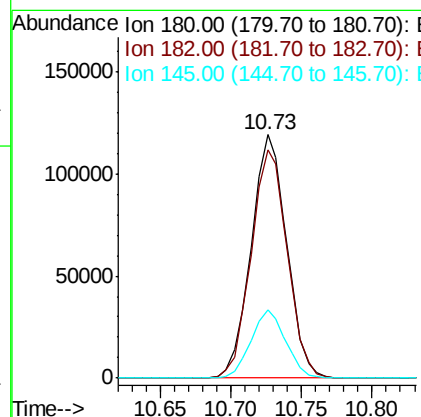
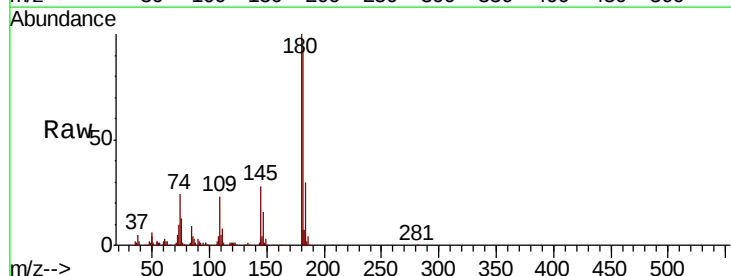
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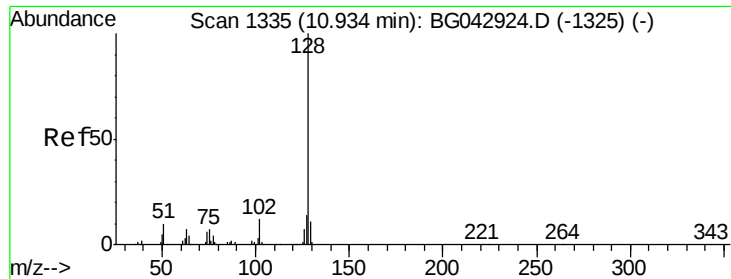
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.053 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	210333		
182	93.9		79.3	118.9
145	28.2		22.0	33.0





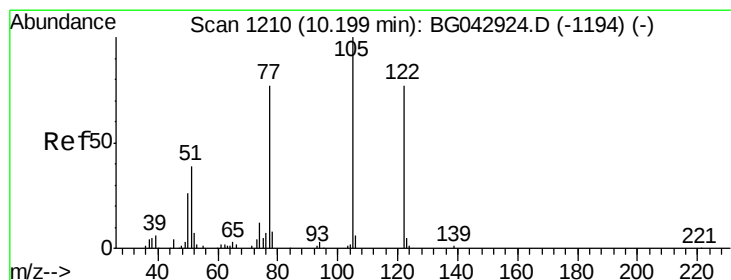
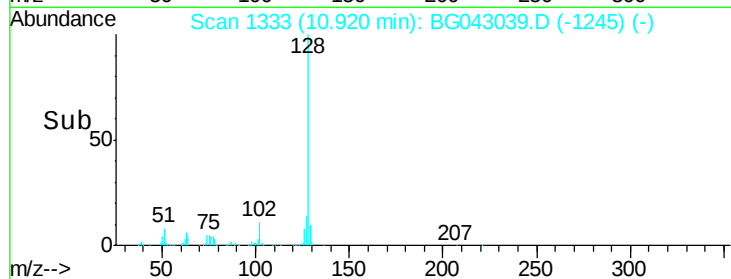
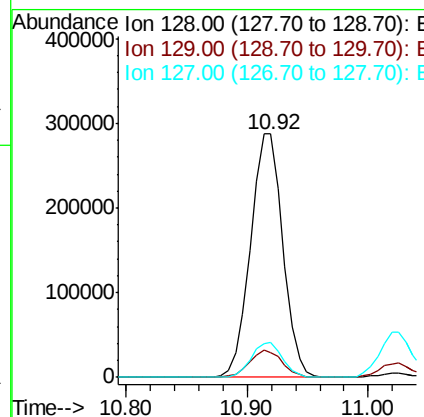
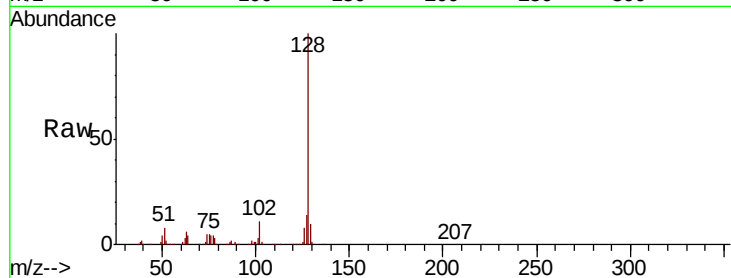
#31
Naphthalene
Concen: 38.374 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.0	8.8	13.2	
127	14.2	11.3	16.9	

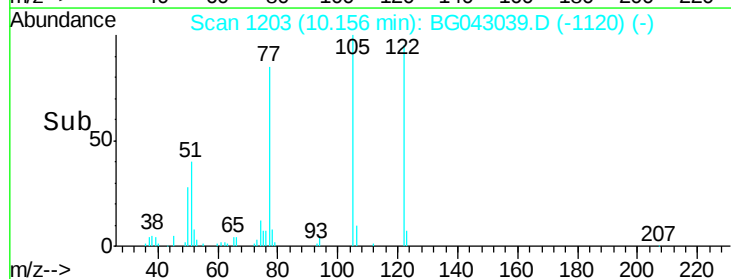
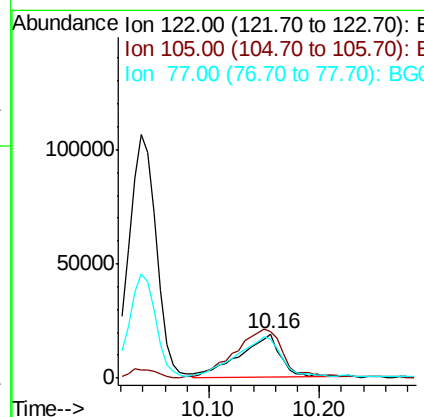
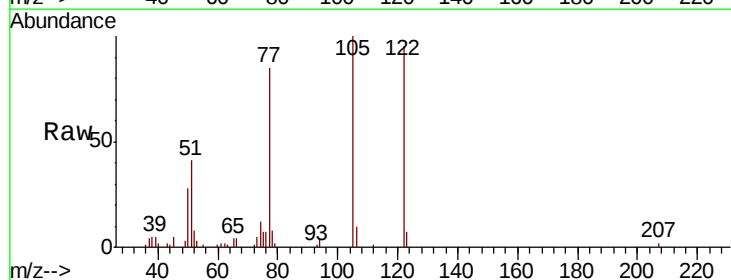
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#32
Benzoic acid
Concen: 20.497 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	105.2	107.5	147.5#	
77	89.5	79.8	119.8	





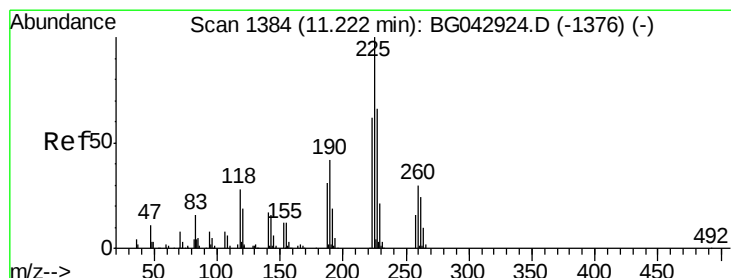
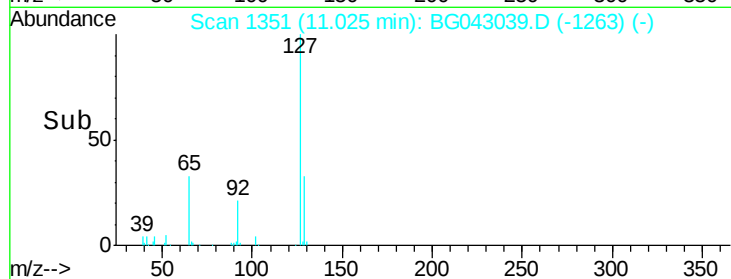
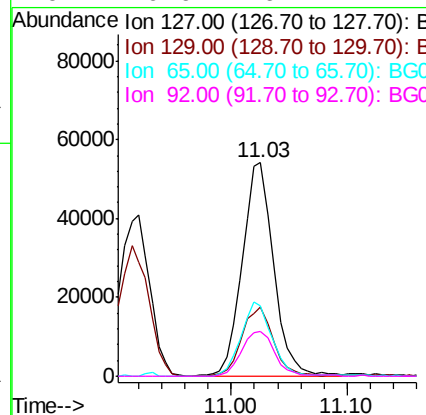
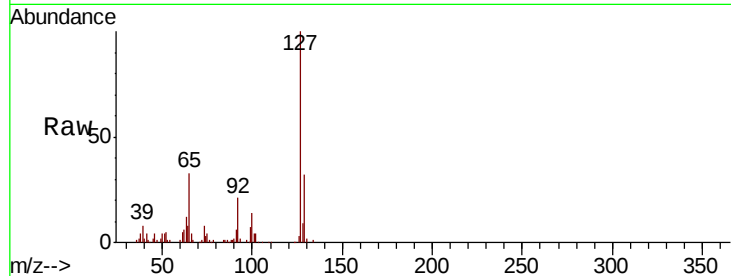
#33
4-Chloroaniline
Concen: 16.975 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.2	39.2		
65	32.8	30.6	45.8		
92	20.9	16.2	24.4		

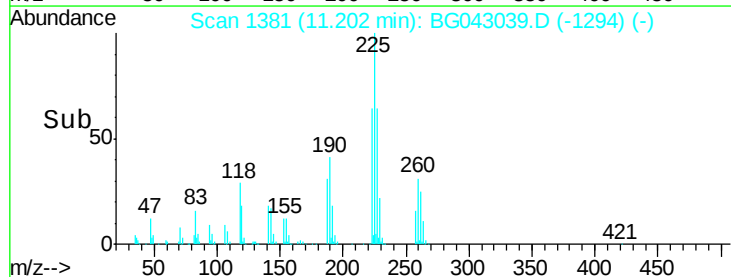
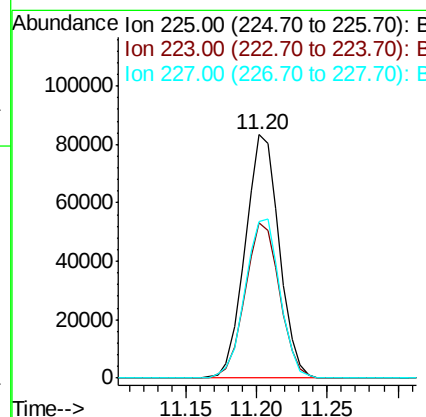
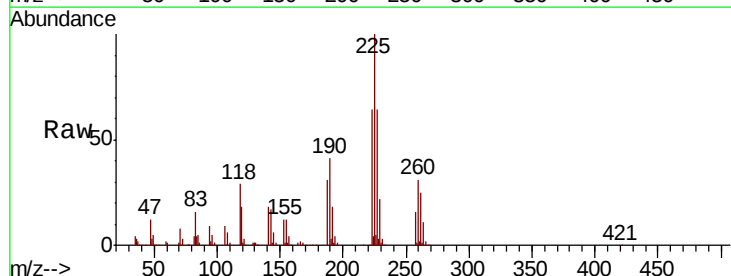
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#34
Hexachlorobutadiene
Concen: 32.179 ng
RT: 11.20 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	49.3	73.9		
227	64.2	52.8	79.2		





#35

Caprolactam

Concen: 14.705 ng/ml

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

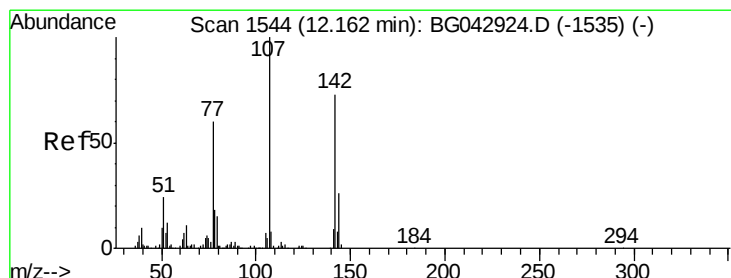
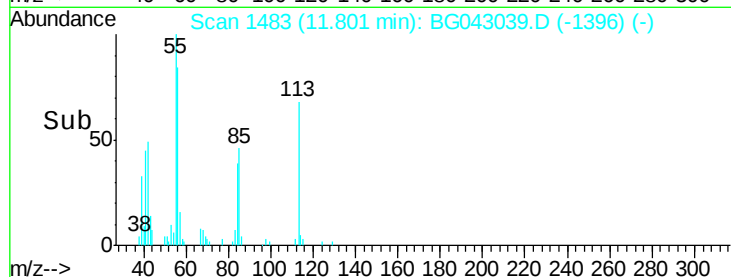
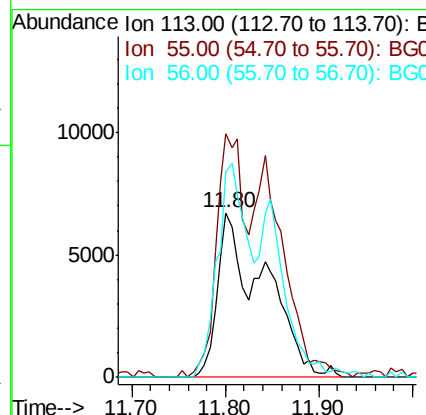
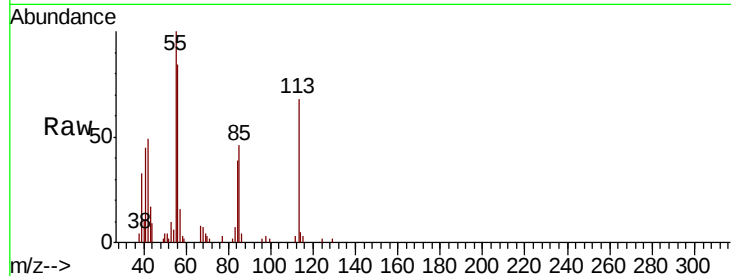
ClientSampleId :

MW-103-IMS

Tot Ion:	113	Resp:	23428
Ion Ratio	Lower	Upper	
113	100		
55	147.9	175.5	215.5#
56	124.6	142.3	182.3#

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#36

4-Chloro-3-methylphenol

Concen: 44.911 ng/ml

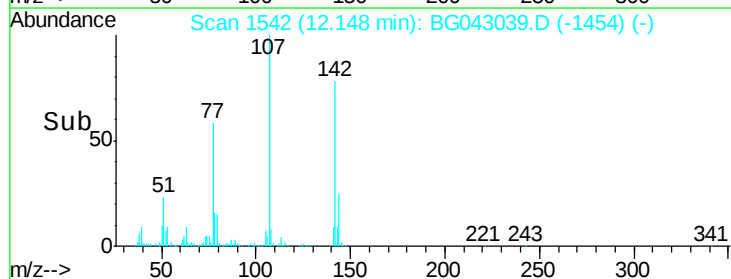
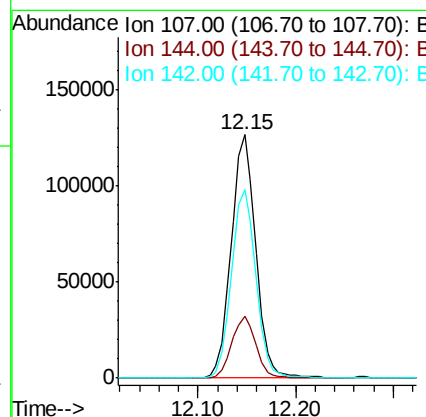
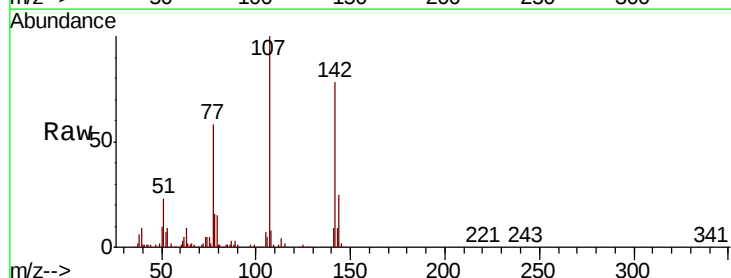
RT: 12.15 min Scan# 1542

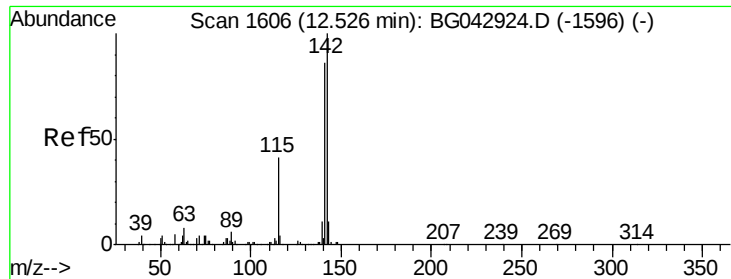
Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	107	Resp:	220602
Ion Ratio	Lower	Upper	
107	100		
144	25.5	20.7	31.1
142	77.6	58.6	87.8





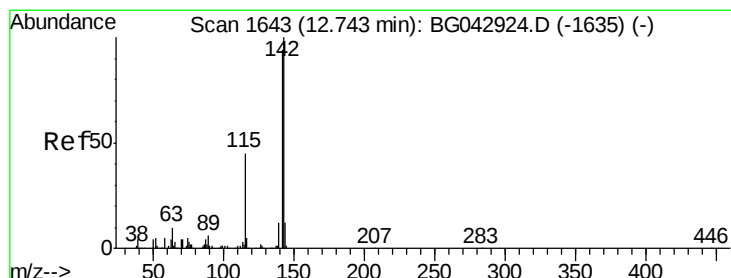
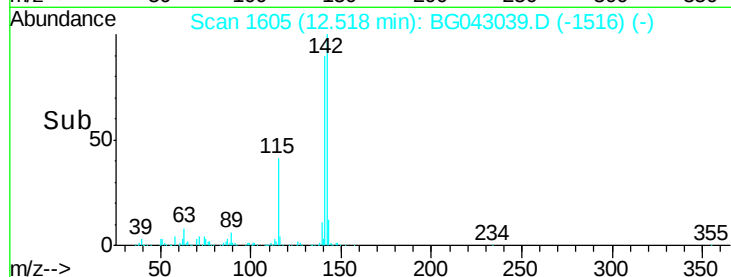
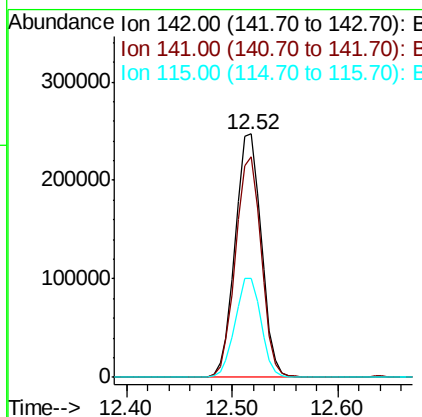
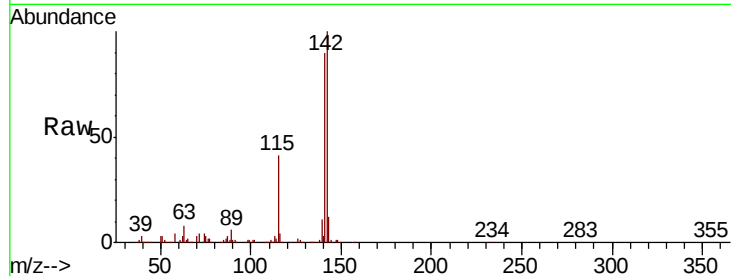
#37
2-Methylnaphthalene
Concen: 39.659 ng
RT: 12.52 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.0	103.4
115	40.6	32.8	49.2

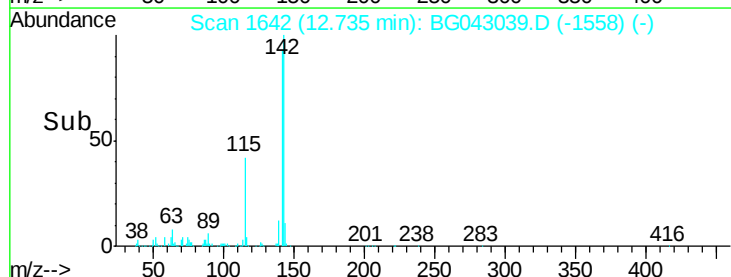
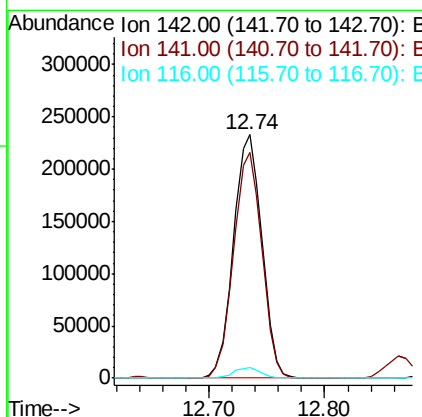
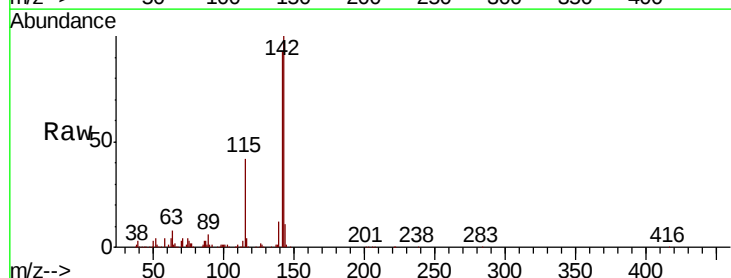
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#38
1-Methylnaphthalene
Concen: 39.323 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.9	112.3
116	4.1	3.7	5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

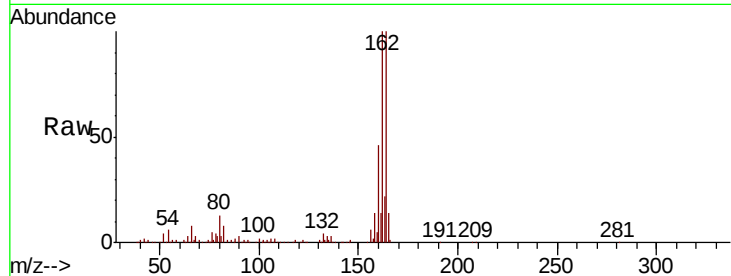
ClientSampleId :

MW-103-IMS

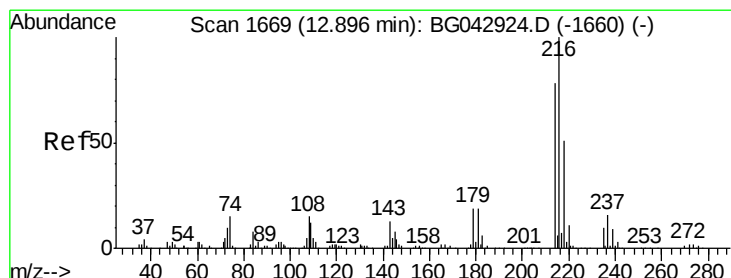
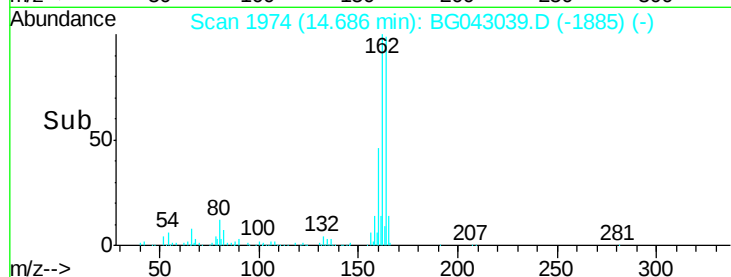
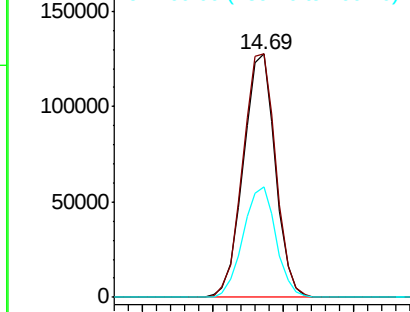
Tot Ion:	164	Resp:	201756
Ion Ratio	Lower	Upper	
164	100		
162	99.8	78.5	117.7
160	45.6	35.9	53.9

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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: 37.220 ng

RT: 12.88 min Scan# 1667

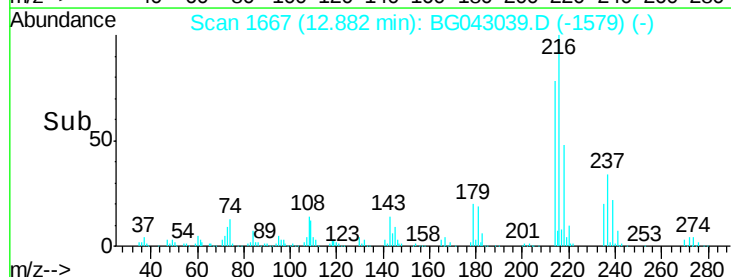
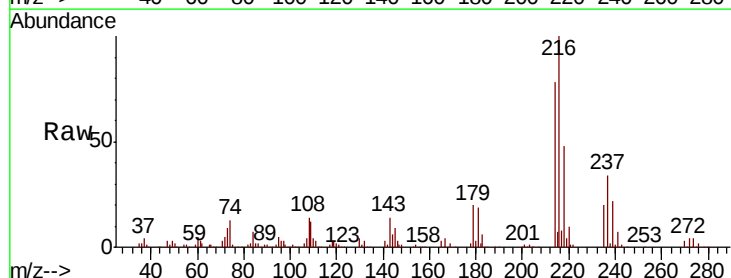
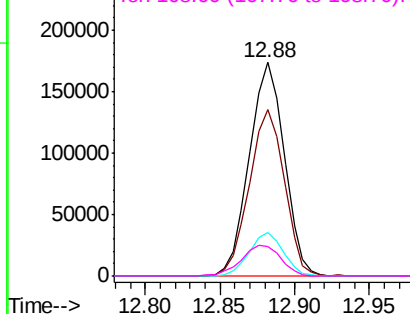
Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	216	Resp:	282349
Ion Ratio	Lower	Upper	
216	100		
214	77.9	62.4	93.6
179	19.8	15.4	23.2
108	16.5	12.6	19.0

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: 70.509 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

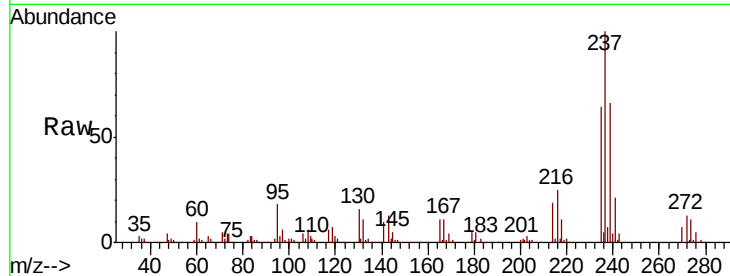
ClientSampleId :

MW-103-IMS

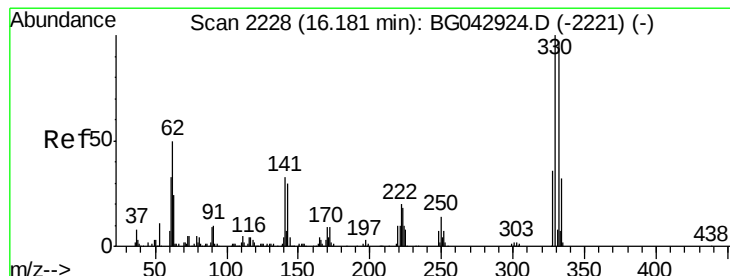
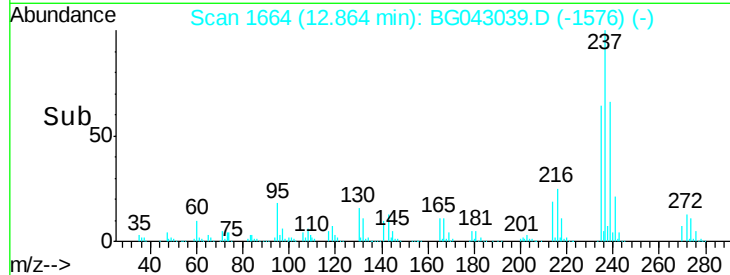
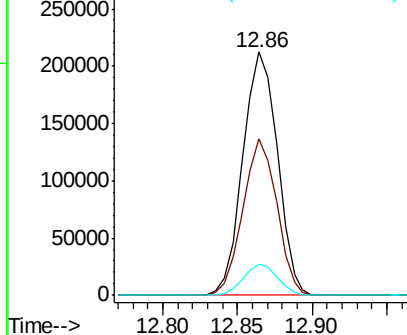
Tot Ion:	237	Resp:	340796
Ion Ratio		Lower	Upper
237	100		
235	64.2	46.7	86.7
272	13.0	0.0	32.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 123.178 ng

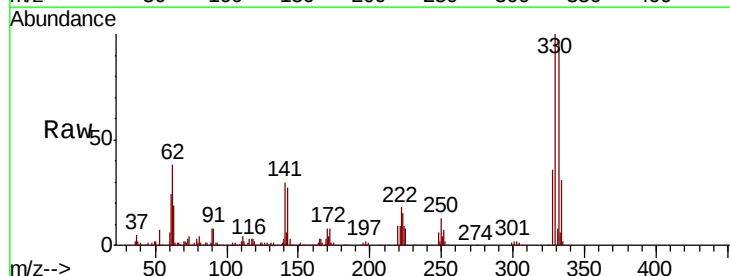
RT: 16.17 min Scan# 2227

Delta R.T. -0.01 min

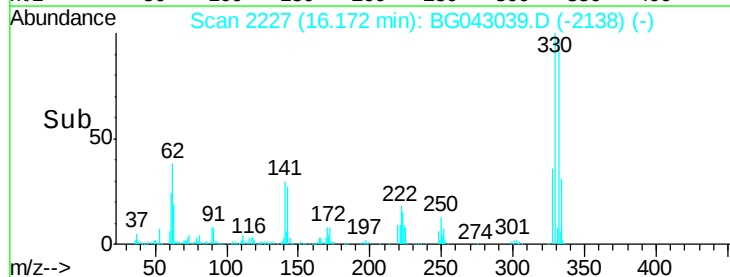
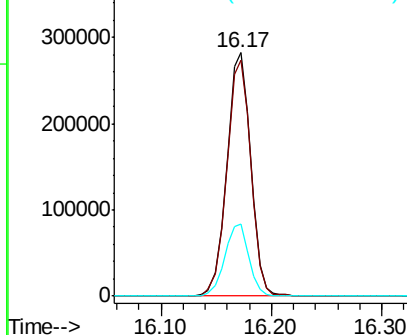
Lab File: BG043039.D

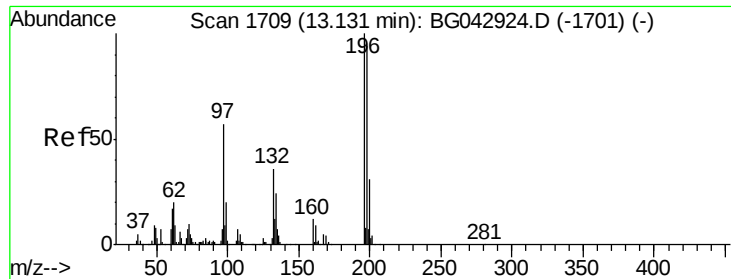
Acq: 4 Oct 2019 22:06

Tgt Ion:	330	Resp:	427345
Ion Ratio		Lower	Upper
330	100		
332	97.3	78.2	117.2
141	30.0	26.0	39.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





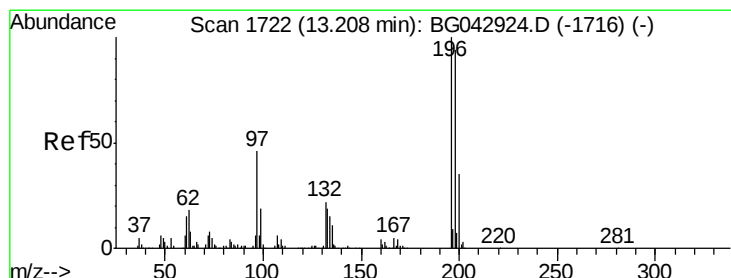
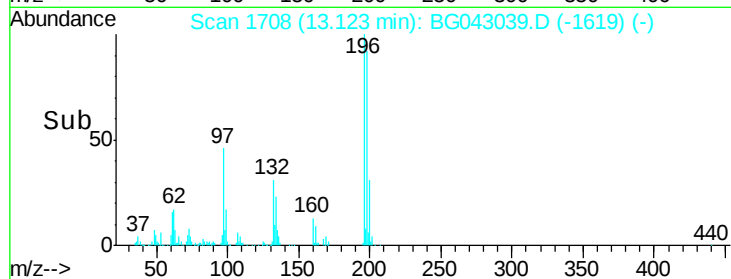
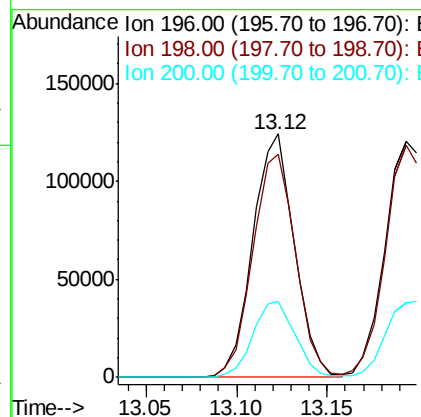
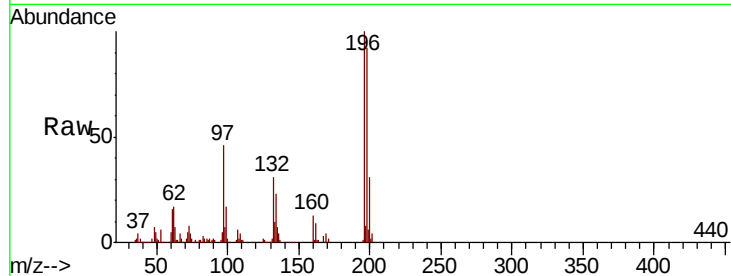
#43
 2,4,6-Trichlorophenol
 Concen: 44.670 ng
 RT: 13.12 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	198336		
198	91.9	75.5	113.3	
200	31.2	24.9	37.3	

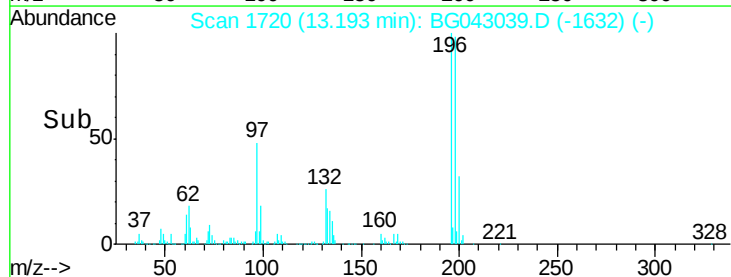
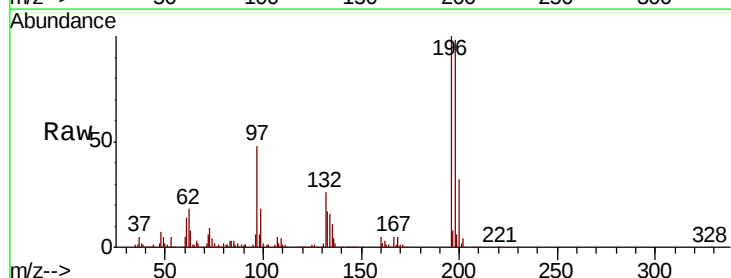
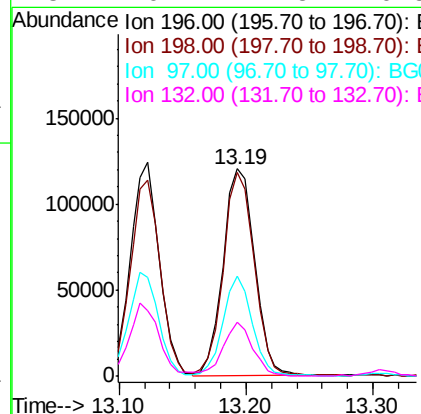
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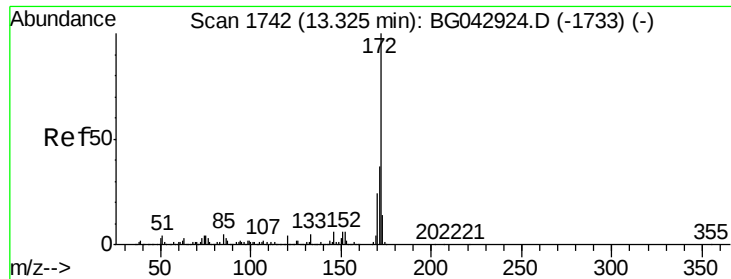
mohammad
 10/9/2019 8:31:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.662 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	208853		
198	98.1	75.1	112.7	
97	48.1	37.0	55.4	
132	26.1	17.5	26.3	





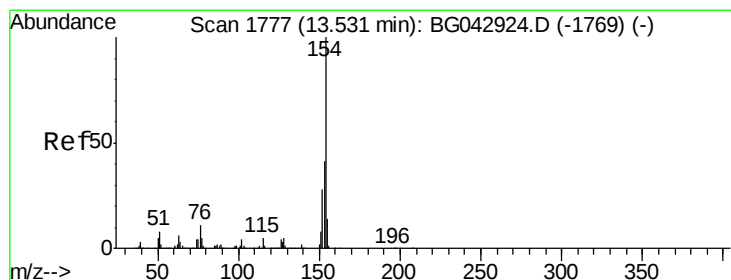
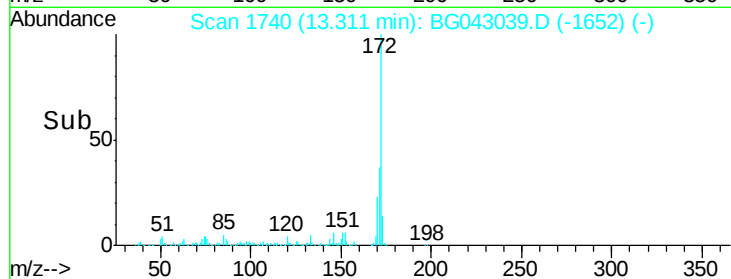
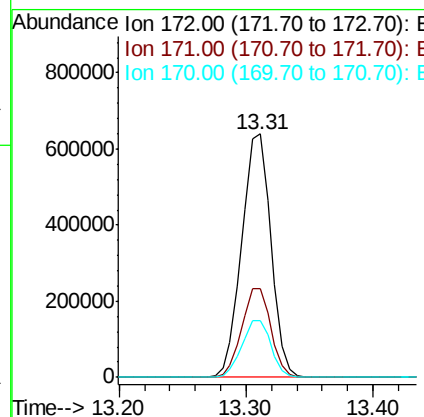
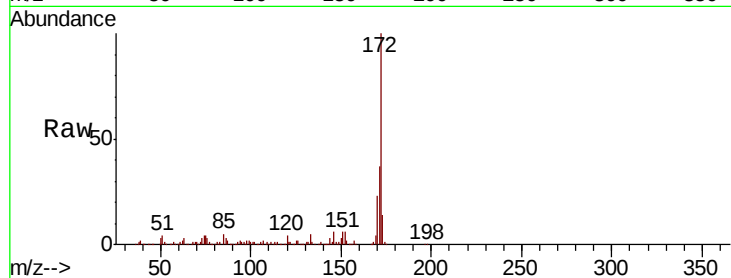
#45
2-Fluorobiphenyl
Concen: 73.226 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	23.4	19.6	29.4

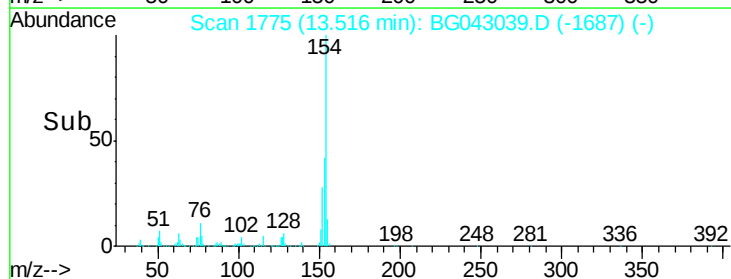
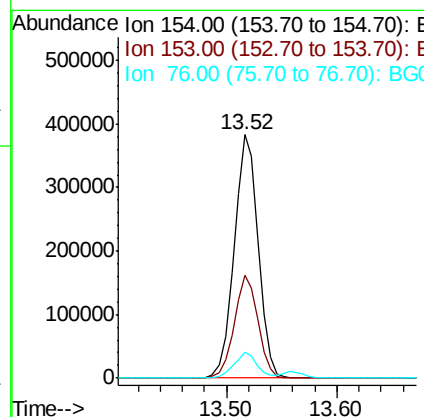
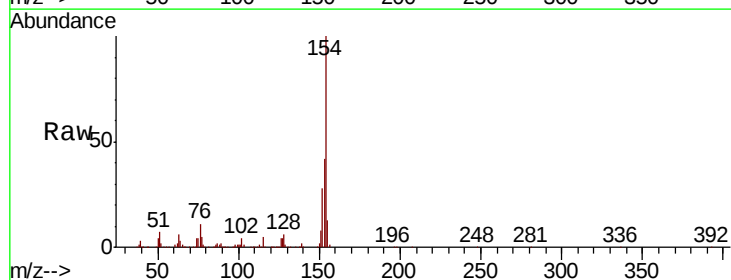
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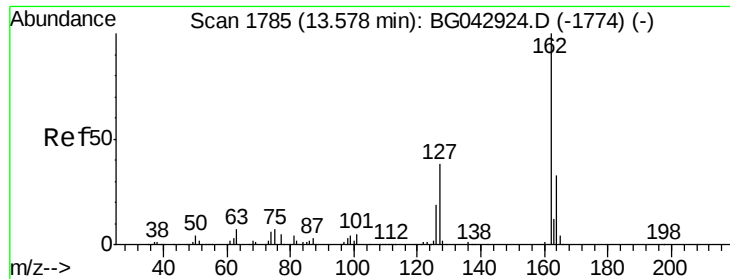
mohammad
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#46
1,1'-Biphenyl
Concen: 37.956 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.4	61.4
76	10.5	0.0	31.3





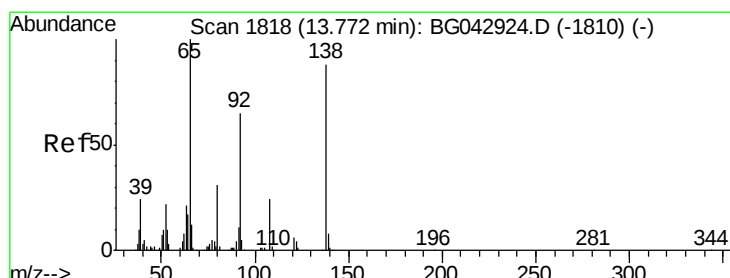
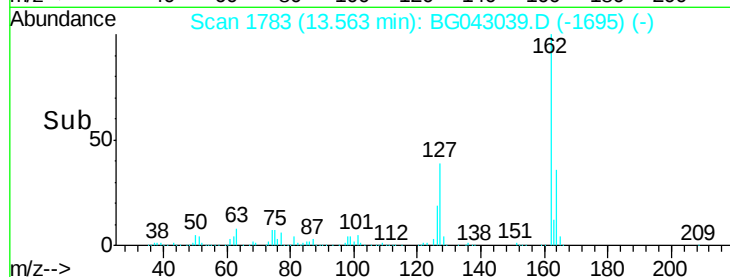
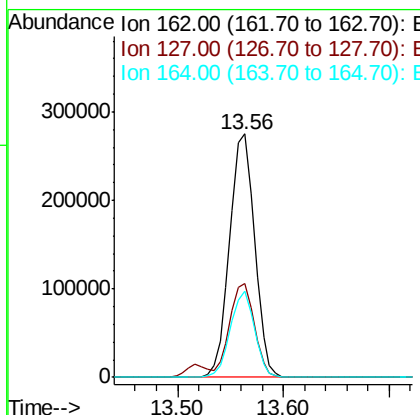
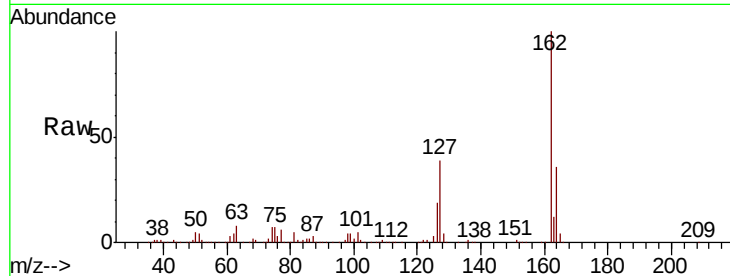
#47
2-Chloronaphthalene
Concen: 39.201 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	31.0	46.6
164	35.6	26.2	39.2

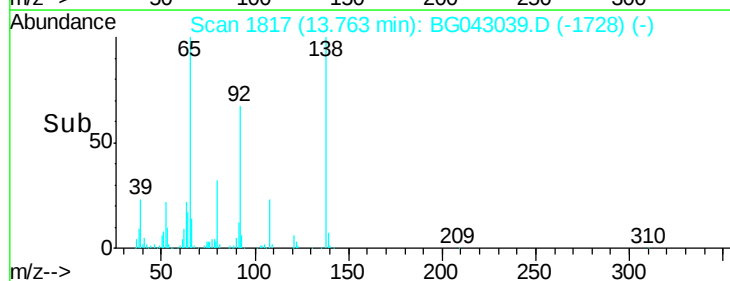
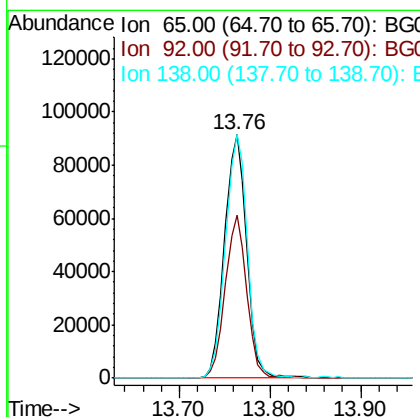
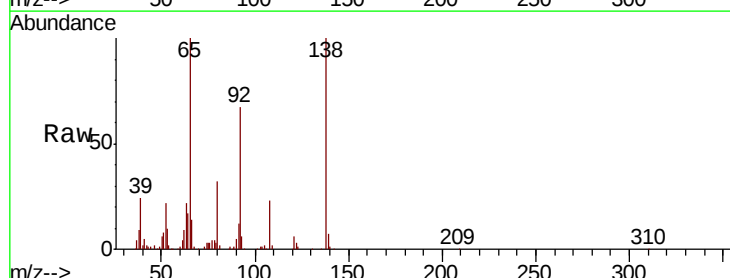
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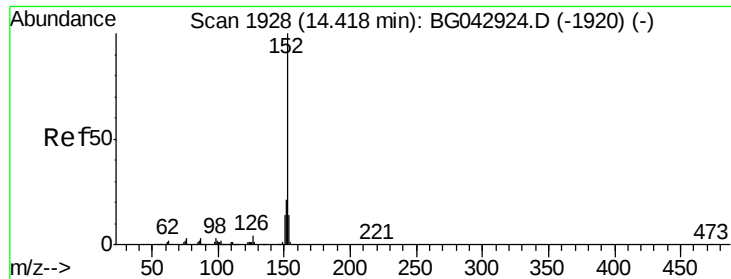
mohammad
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#48
2-Nitroaniline
Concen: 40.708 ng
RT: 13.76 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	52.0	78.0
138	100.0	70.4	105.6





#49

Acenaphthylene

Concen: 41.402 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

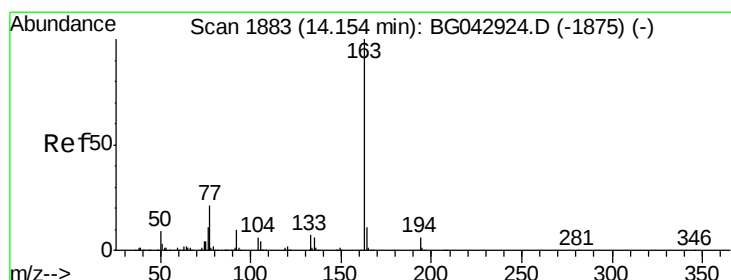
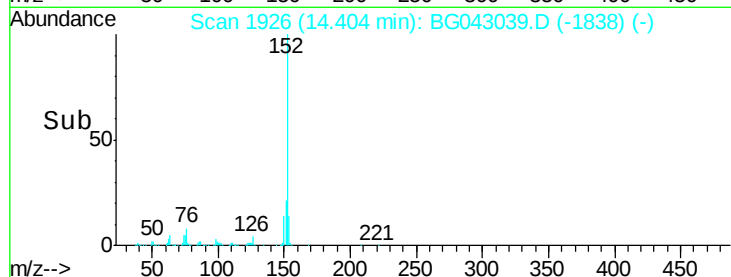
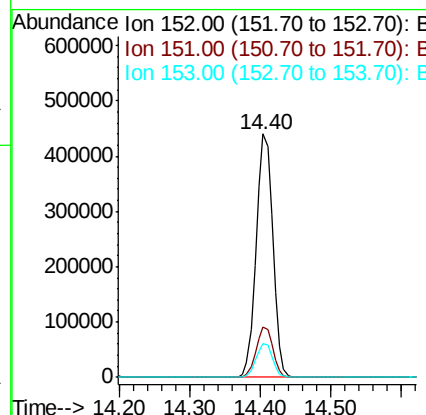
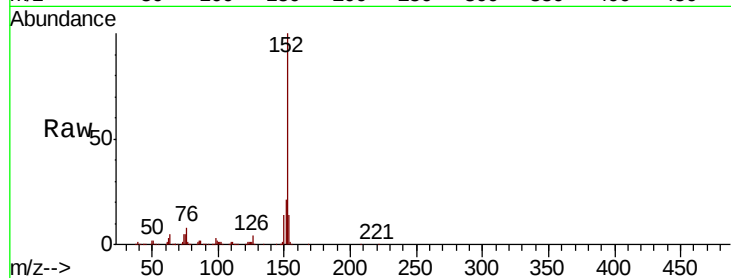
ClientSampleId :

MW-103-IMS

Tot Ion:	152	Resp:	726722
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	14.1	11.3	16.9

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#50

Dimethylphthalate

Concen: 52.118 ng

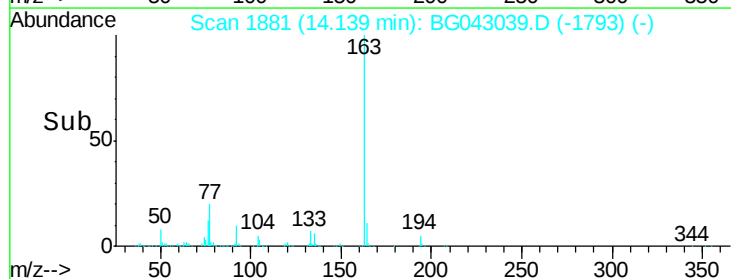
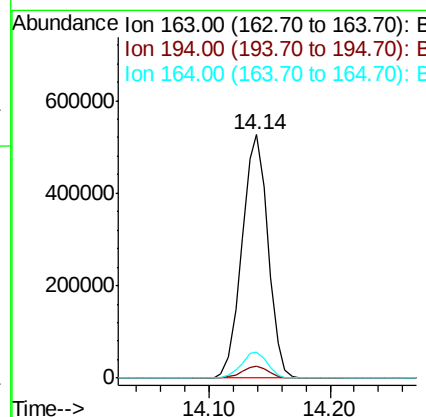
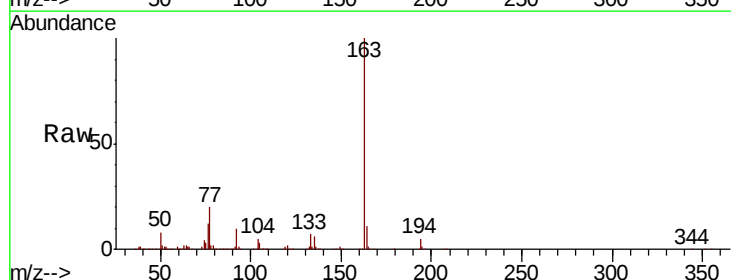
RT: 14.14 min Scan# 1881

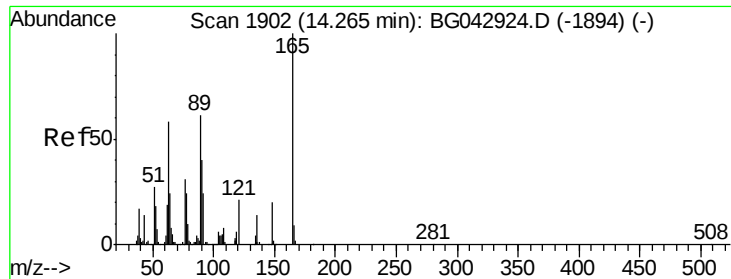
Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	163	Resp:	787867
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.4	6.6
164	10.5	8.6	12.8





#51

2,6-Dinitrotoluene

Concen: 44.234 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

MW-103-IMS

Tot Ion:165 Resp: 142400

Ion Ratio Lower Upper

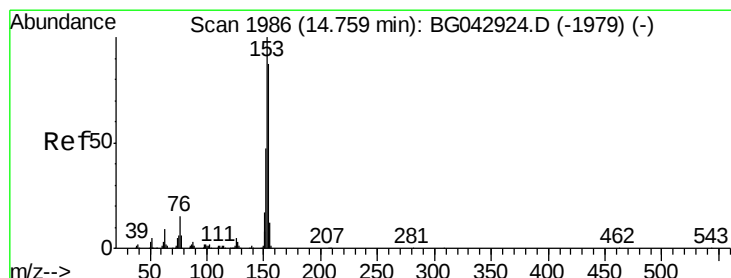
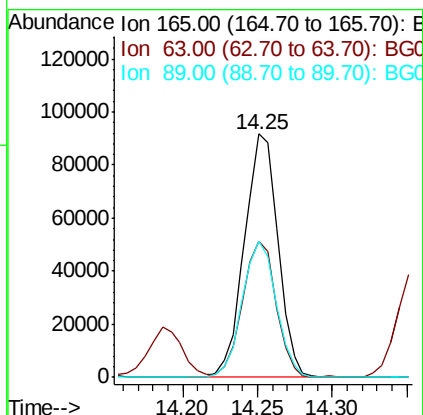
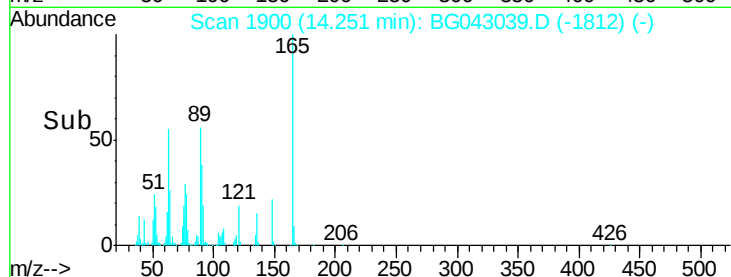
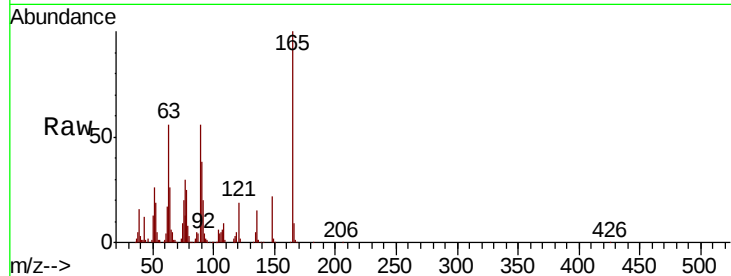
165 100

63 55.8 50.3 75.5

89 56.0 48.9 73.3

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#52

Acenaphthene

Concen: 39.042 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

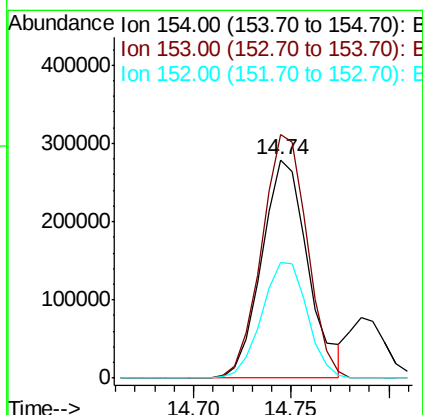
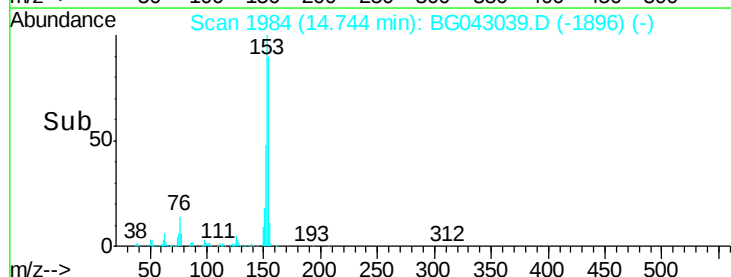
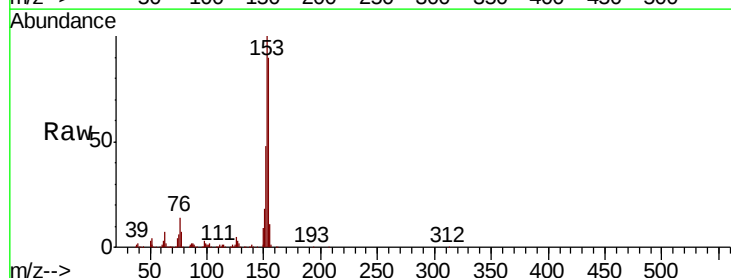
Tgt Ion:154 Resp: 458701

Ion Ratio Lower Upper

154 100

153 111.5 91.4 137.0

152 53.2 42.8 64.2





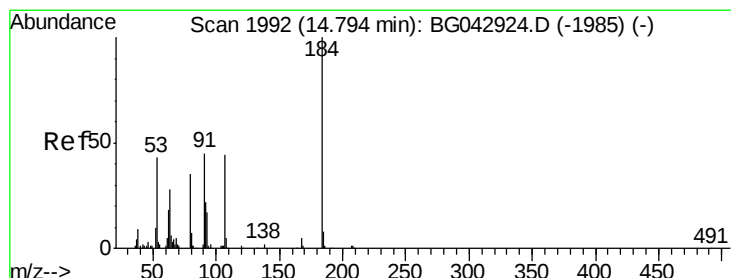
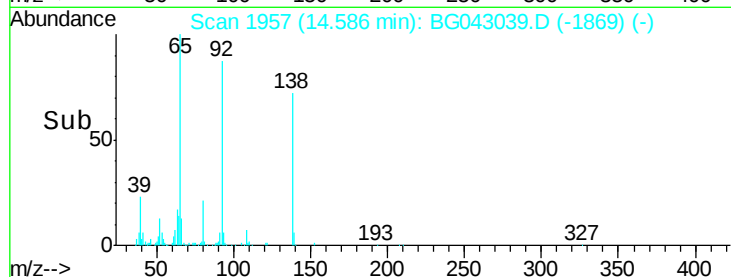
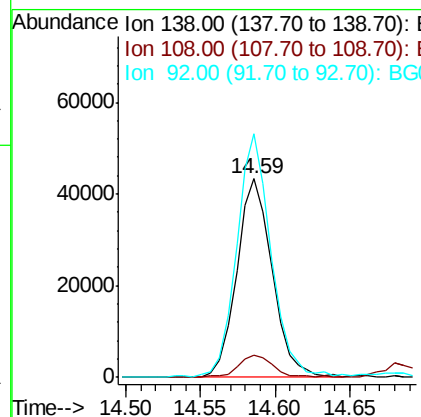
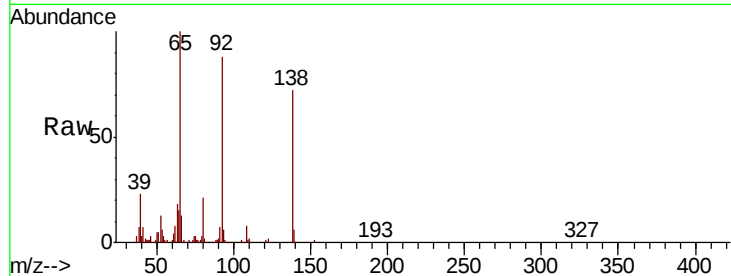
#53
3-Nitroaniline
Concen: 21.591 ng
RT: 14.59 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	7.9	11.9
92	122.7	97.0	145.6

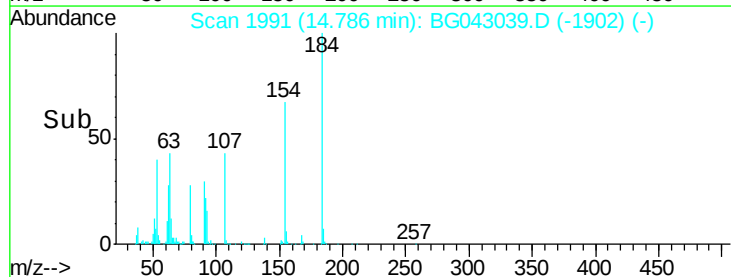
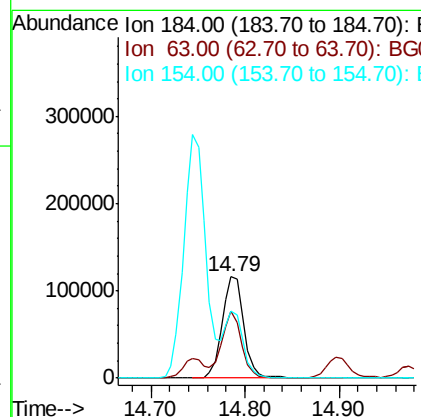
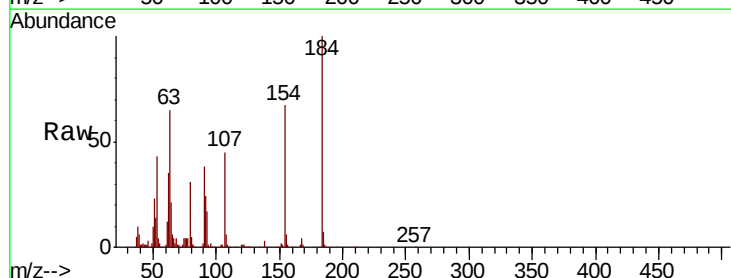
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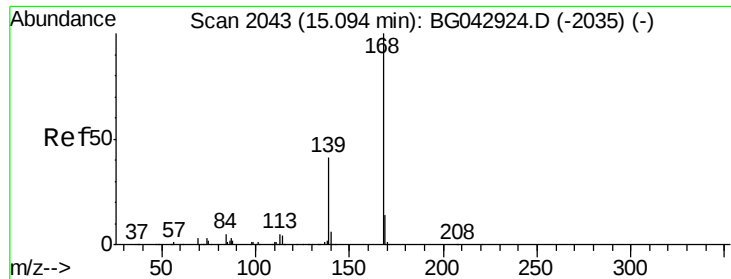
mohammad
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#54
2,4-Dinitrophenol
Concen: 93.691 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.5	55.0	82.6
154	66.6	56.5	84.7





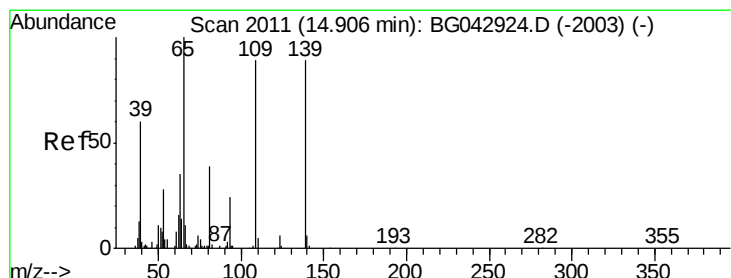
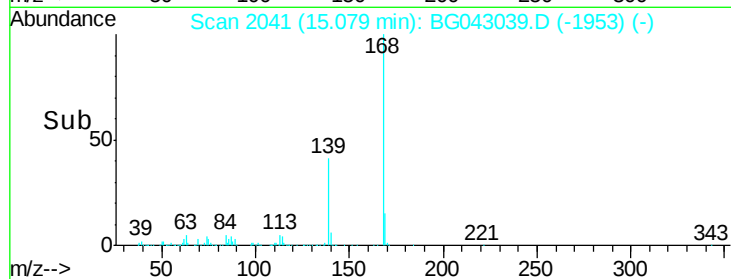
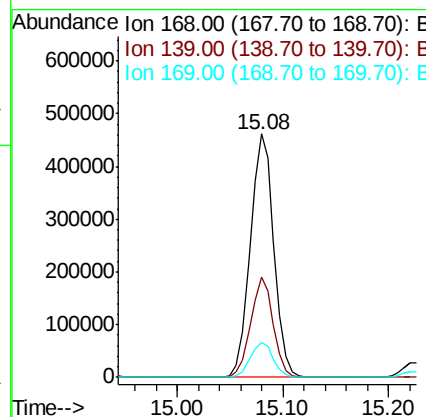
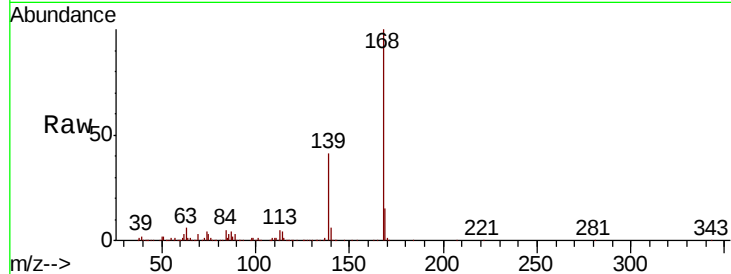
#55
Dibenzenofuran
Concen: 40.976 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampled :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	32.6	48.8
169	14.5	11.2	16.8

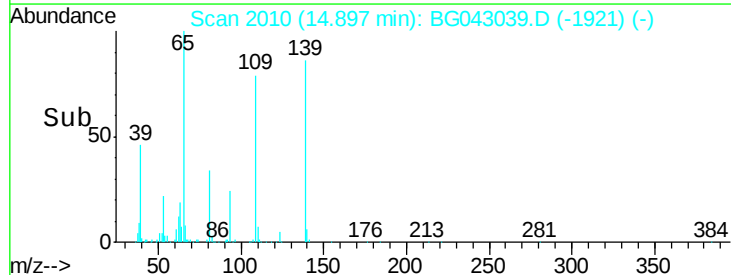
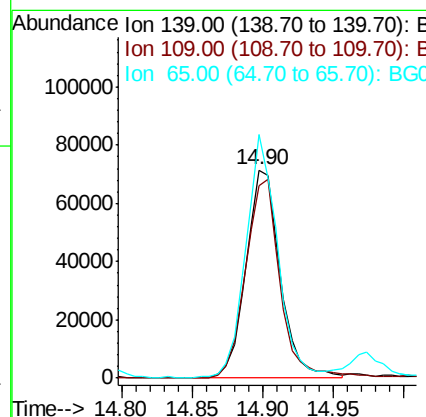
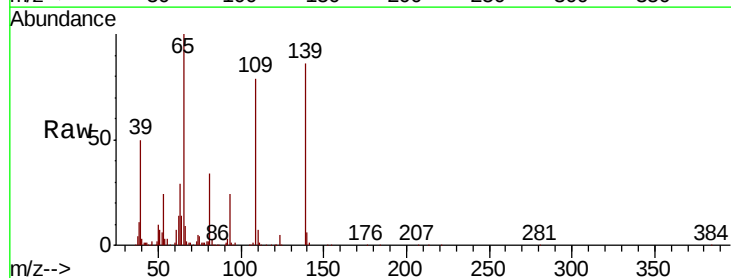
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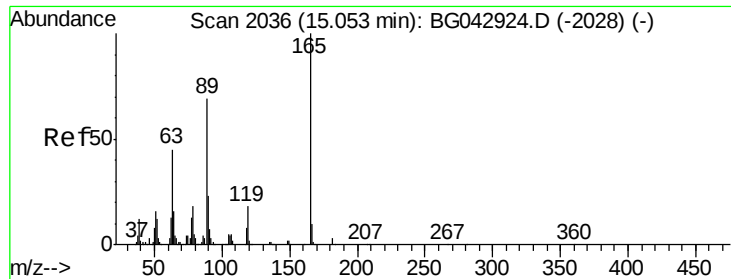
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#56
4-Nitrophenol
Concen: 47.987 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.3	79.4	119.4
65	116.9	92.5	132.5





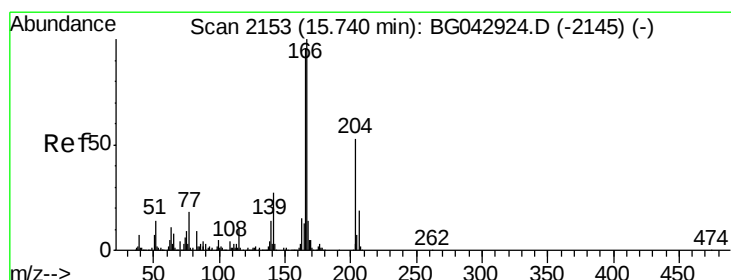
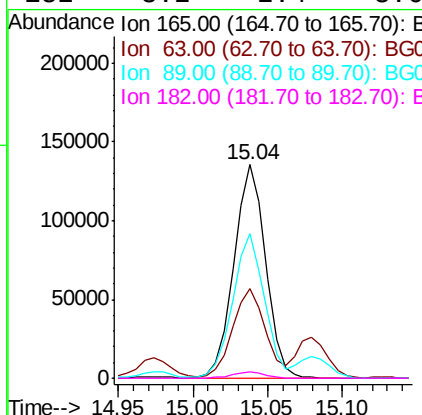
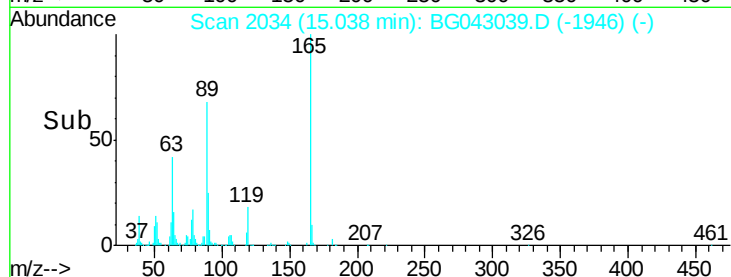
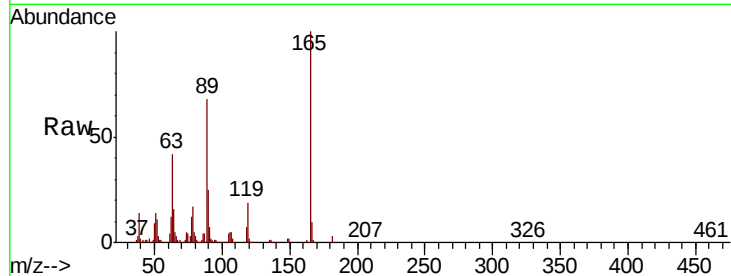
#57
2,4-Dinitrotoluene
Concen: 42.449 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	200117		
63	41.9		36.5	54.7
89	68.0		55.5	83.3
182	3.2		2.4	3.6

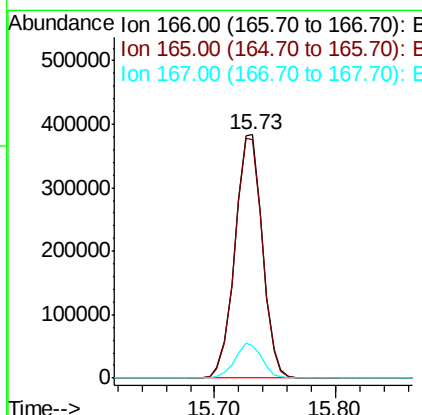
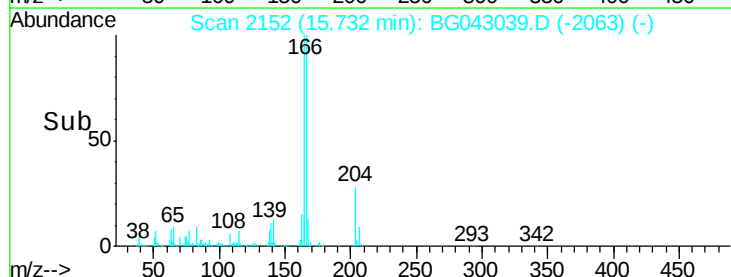
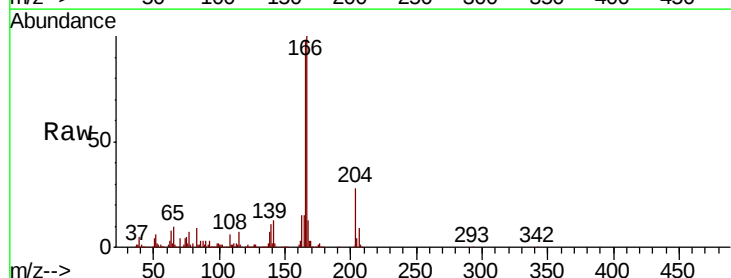
Manual Integrations
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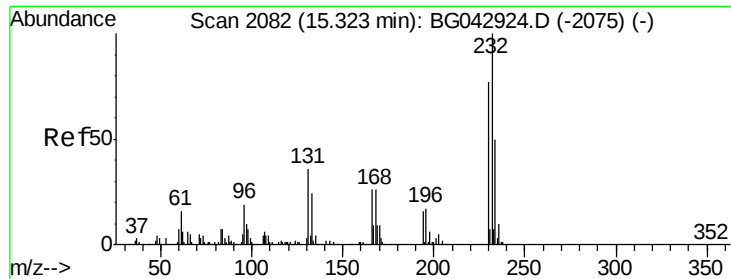
mohammad
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#58
Fluorene
Concen: 41.008 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	608479		
165	98.1		77.1	115.7
167	13.3		11.0	16.6





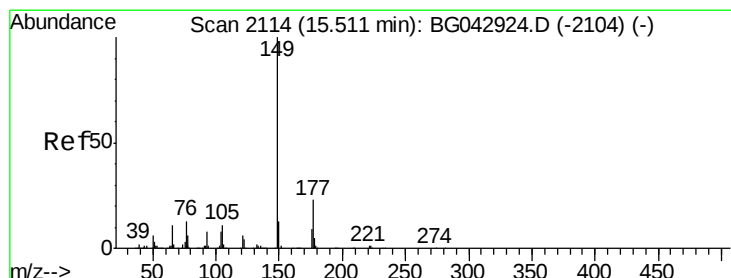
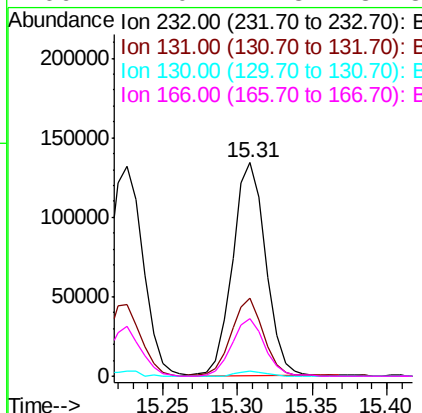
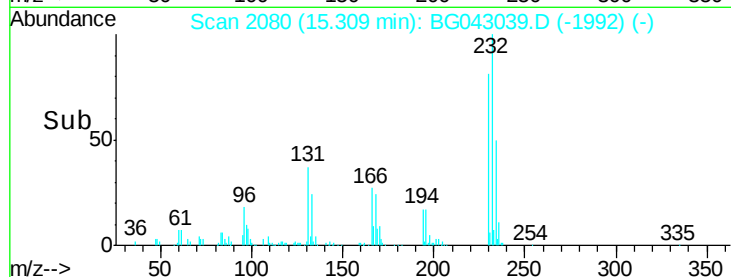
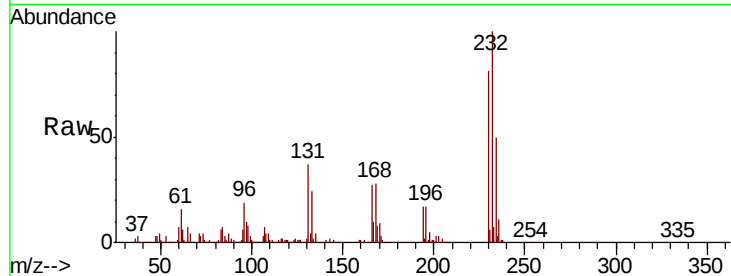
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.638 ng
RT: 15.31 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		207650		
131	36.2	29.6	44.4		
130	2.3	1.9	2.9		
166	27.0	21.8	32.8		

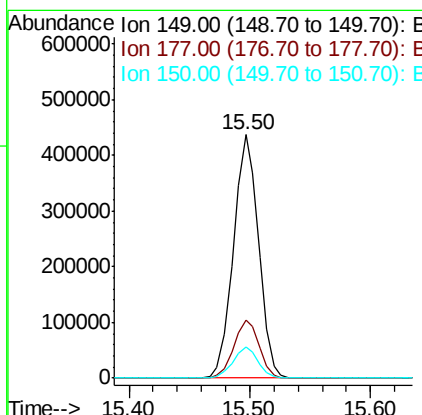
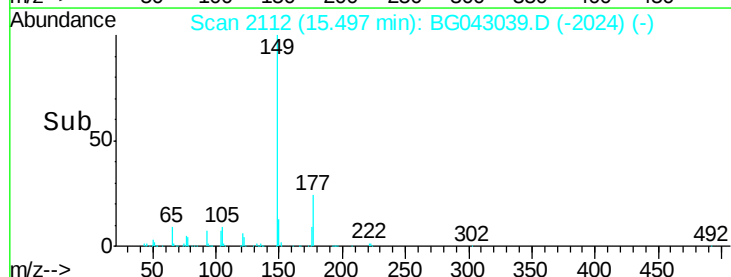
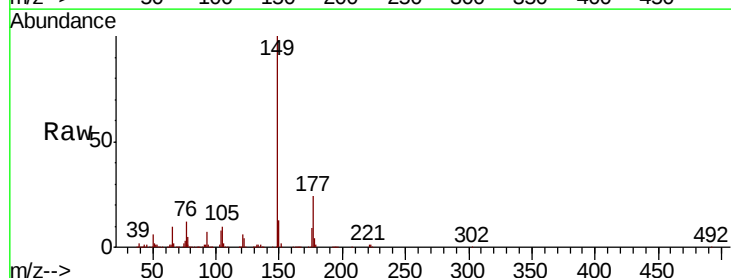
Manual Integrations
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10/9/2019 8:31:54 AM



#60
Diethylphthalate
Concen: 40.963 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		630199		
177	23.9	18.8	28.2		
150	12.9	10.6	15.8		





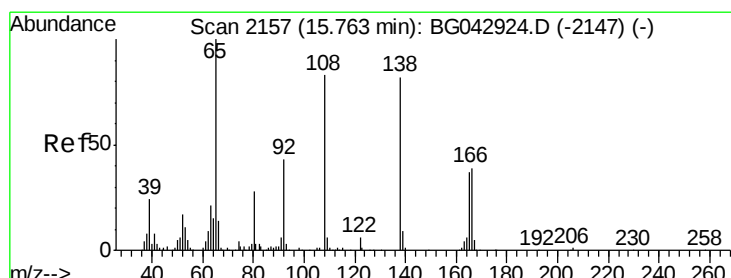
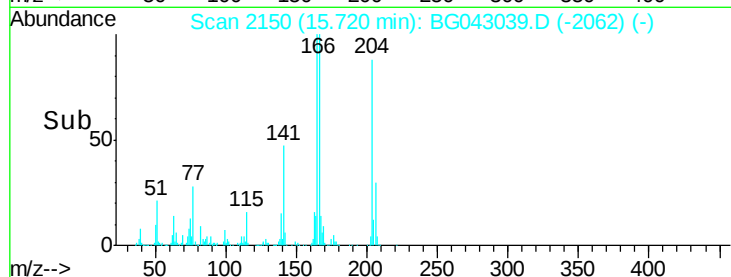
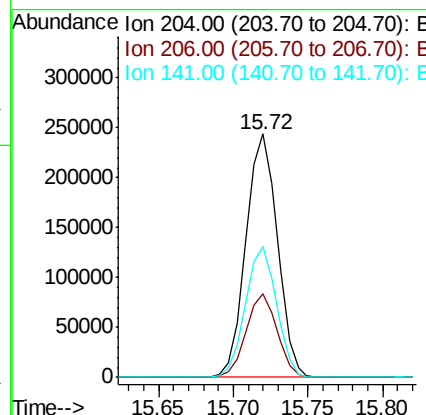
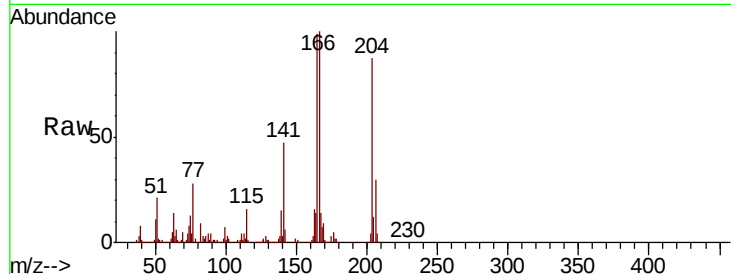
#61
4-Chlorophenyl-phenylether
Concen: 39.999 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.5	42.7
141	54.0	42.4	63.6

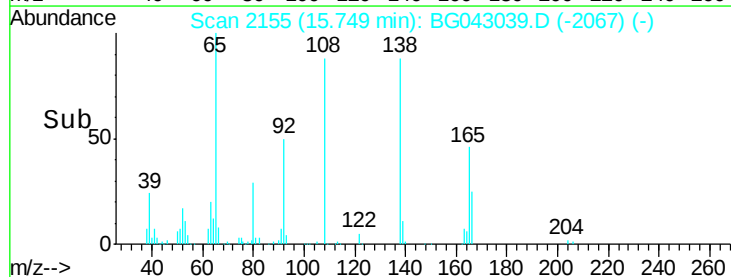
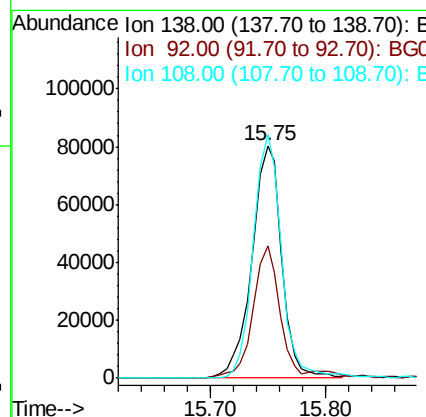
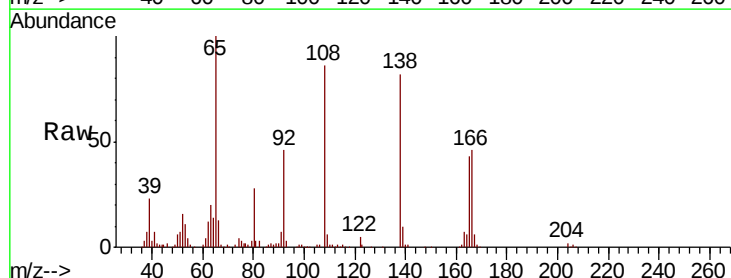
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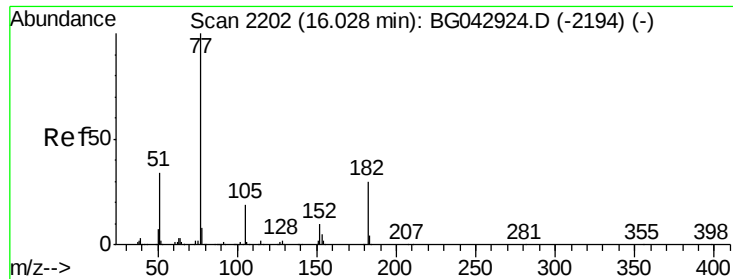
mohammad
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#62
4-Nitroaniline
Concen: 39.923 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	32.9	72.9
108	104.7	81.3	121.3





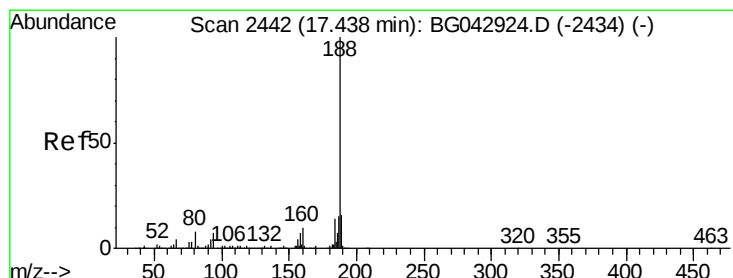
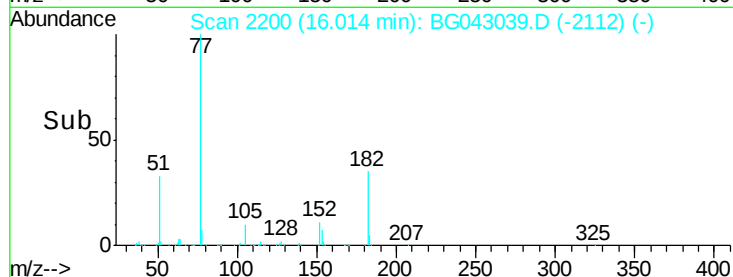
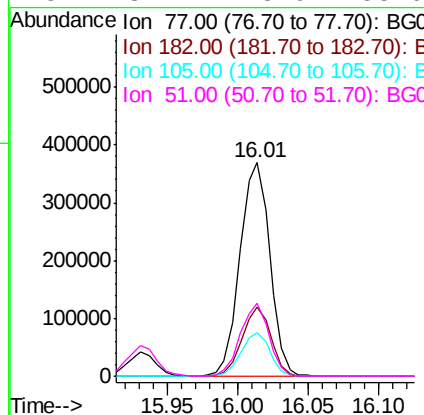
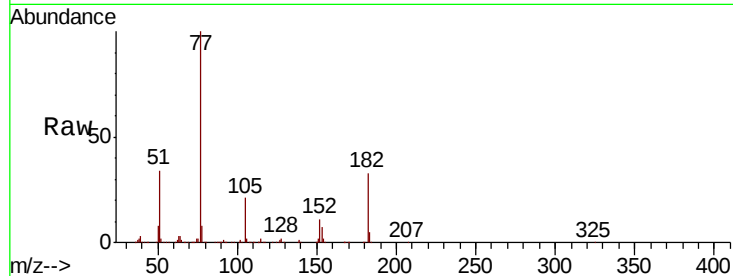
#63
Azobenzene
Concen: 38.988 ng
RT: 16.01 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	77	Resp	546080
Ion	Ratio	Lower	Upper
77	100		
182	32.6	10.2	50.2
105	20.6	0.0	39.1
51	34.2	13.9	53.9

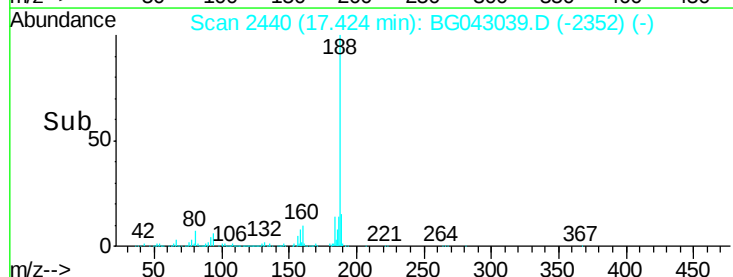
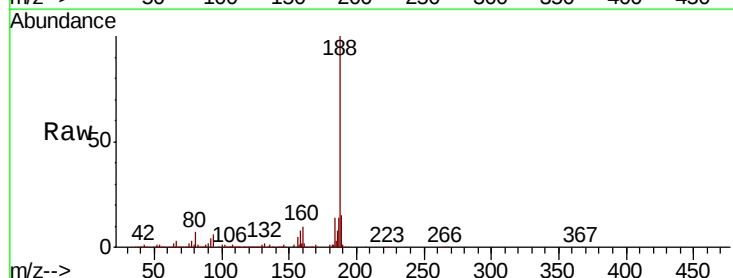
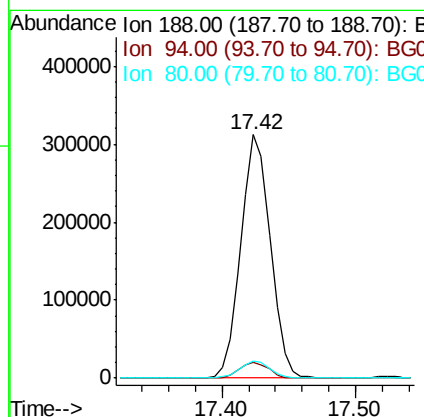
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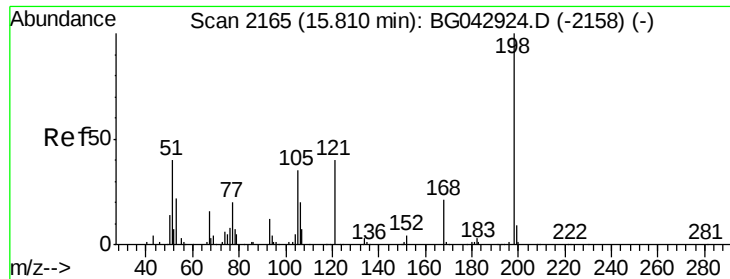
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	188	Resp	477127
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.7	8.5
80	7.2	6.5	9.7





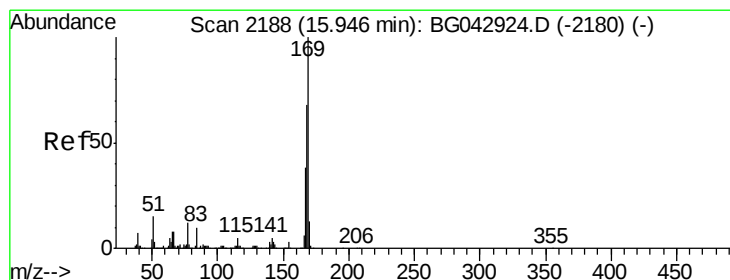
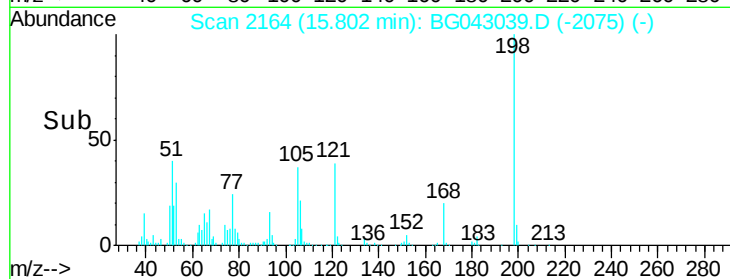
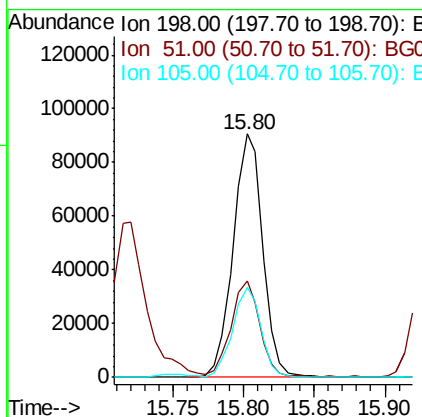
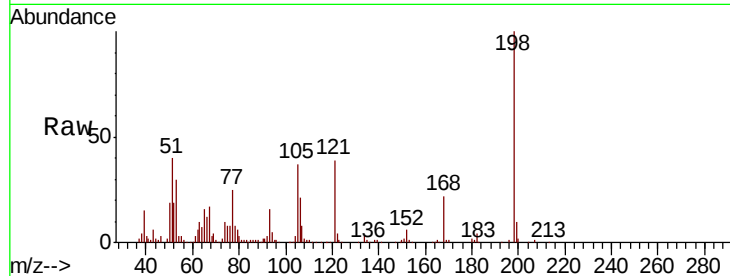
#65
 4,6-Dinitro-2-methylphenol
 Concen: 48.970 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132213		
51	39.7		25.3	65.3
105	37.1		16.6	56.6

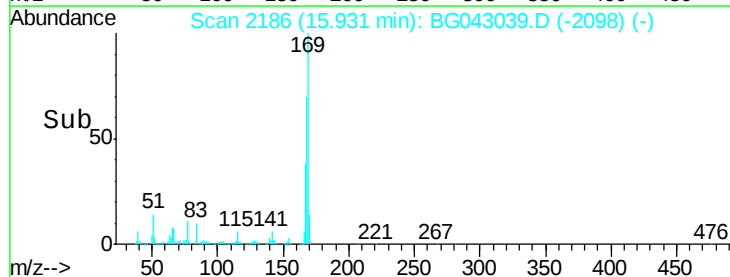
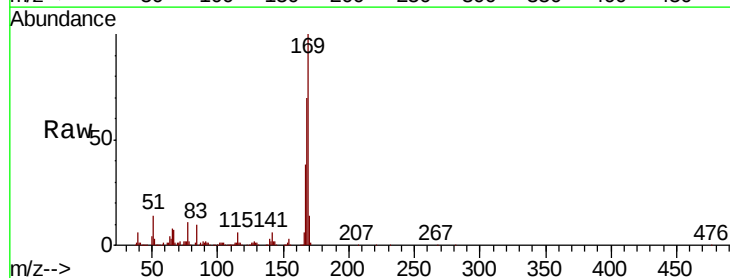
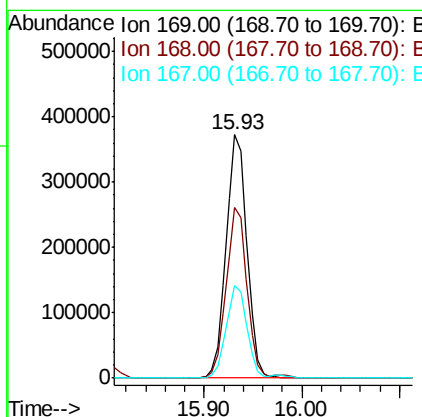
Manual Integrations
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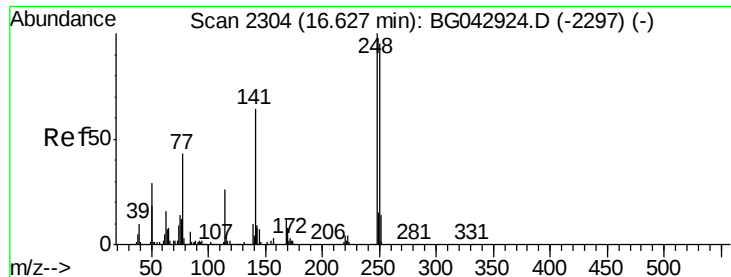
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#66
 n-Nitrosodiphenylamine
 Concen: 43.741 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	550936		
168	70.2		54.8	82.2
167	38.0		30.6	46.0





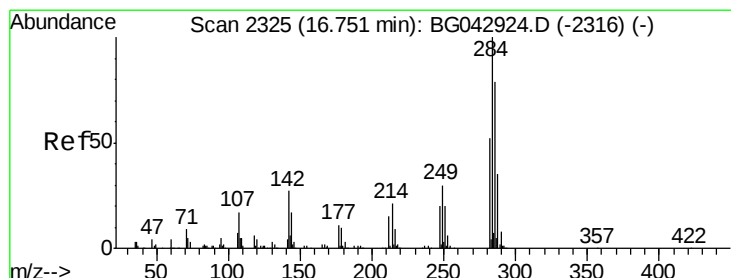
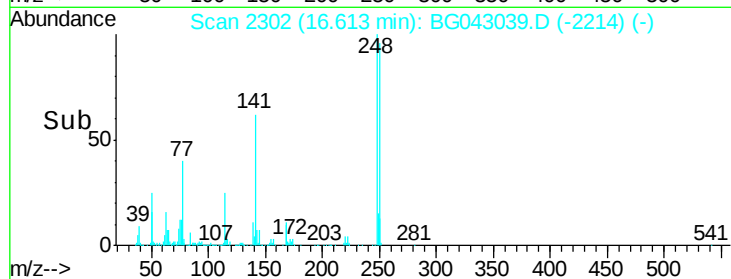
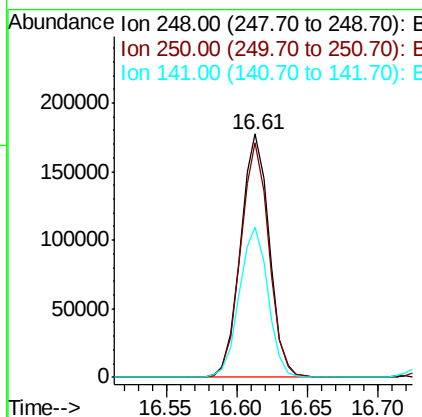
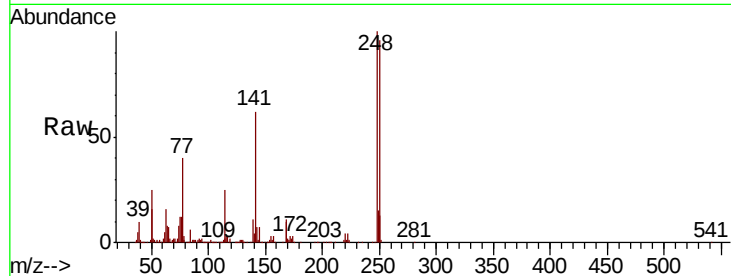
#67
4-Bromophenyl-phenylether
Concen: 41.994 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	75.8	113.8
141	61.6	51.1	76.7

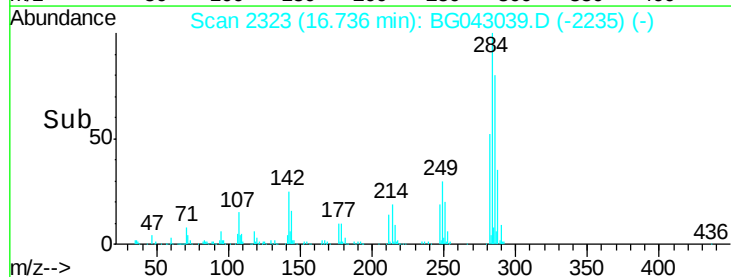
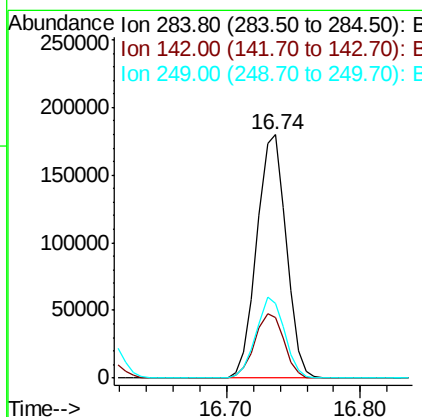
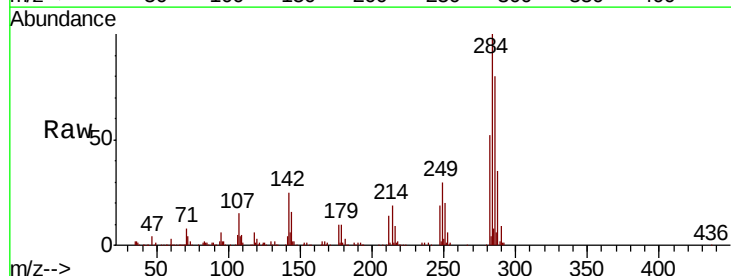
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#68
Hexachlorobenzene
Concen: 40.970 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.7	21.6	32.4
249	30.5	24.1	36.1





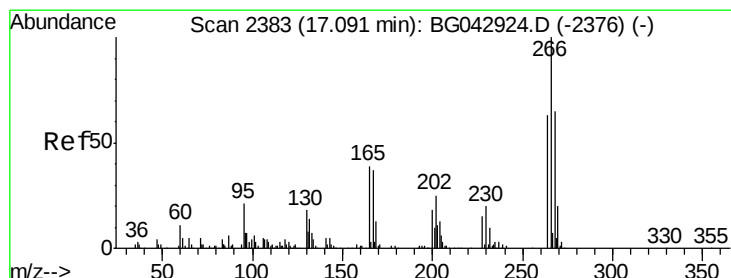
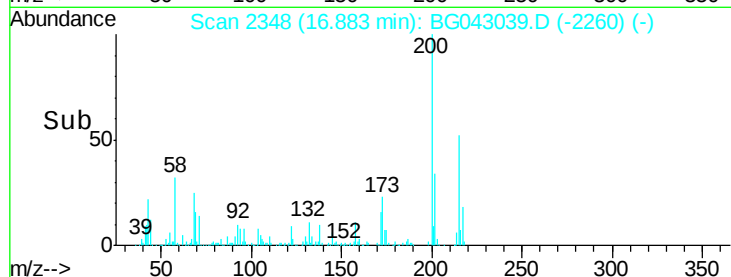
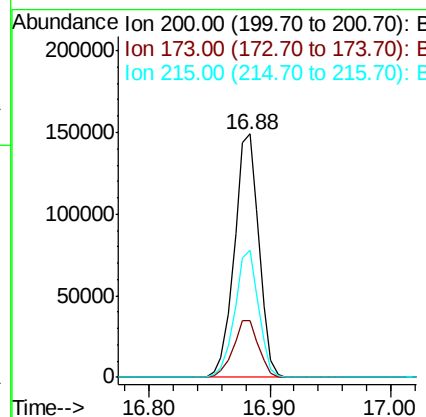
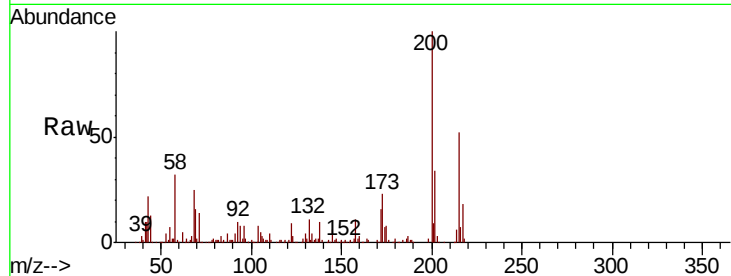
#69
Atrazine
Concen: 39.629 ng
RT: 16.88 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	4.0	44.0
215	52.1	27.4	67.4

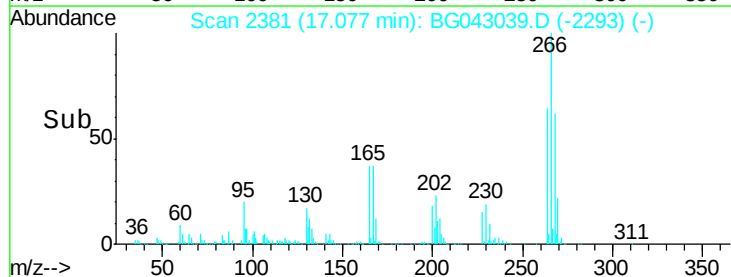
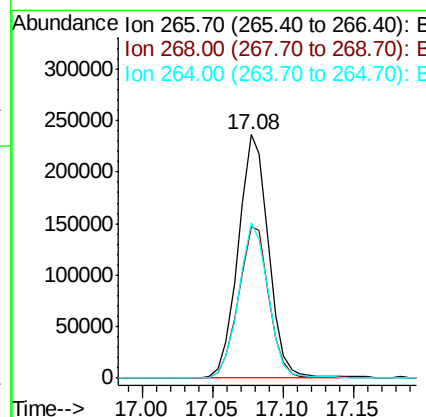
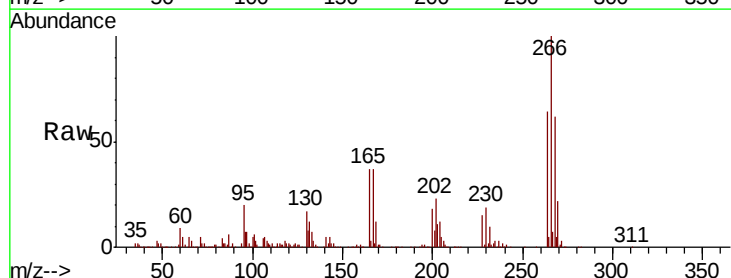
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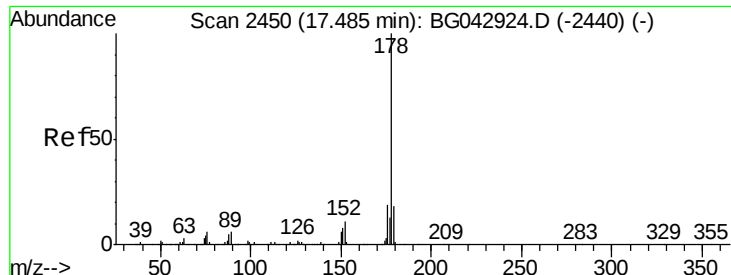
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#70
Pentachlorophenol
Concen: 91.836 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.2	78.2
264	63.9	50.7	76.1





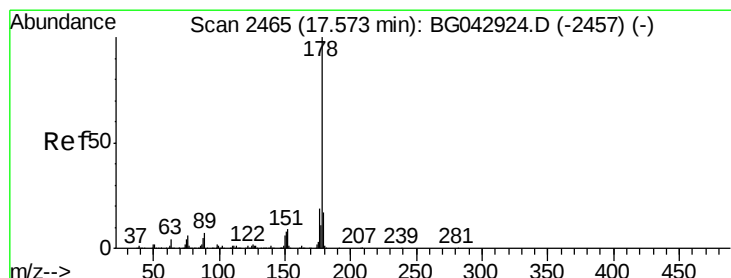
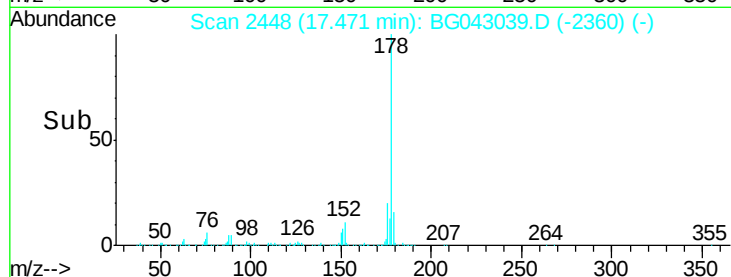
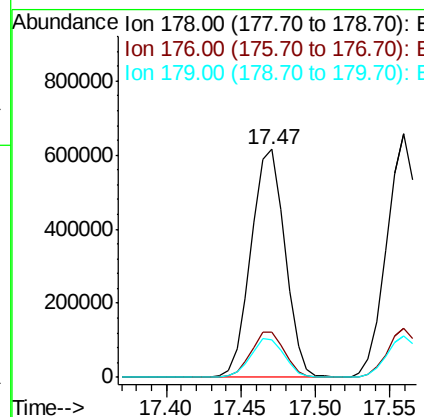
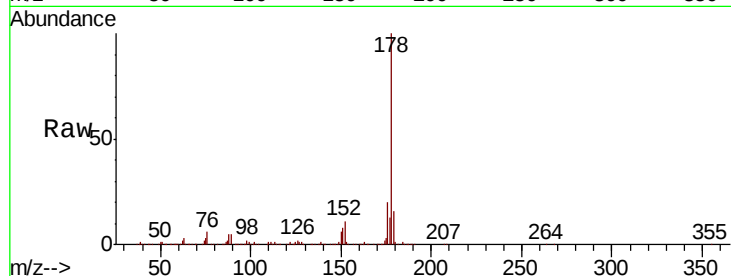
#71
Phenanthrene
Concen: 41.567 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	16.4	14.1	21.1

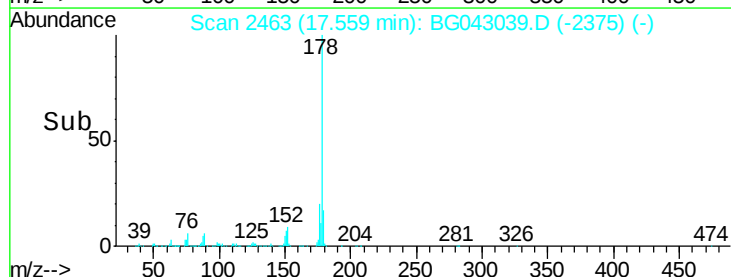
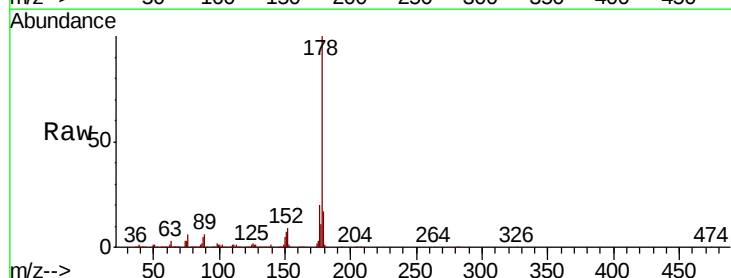
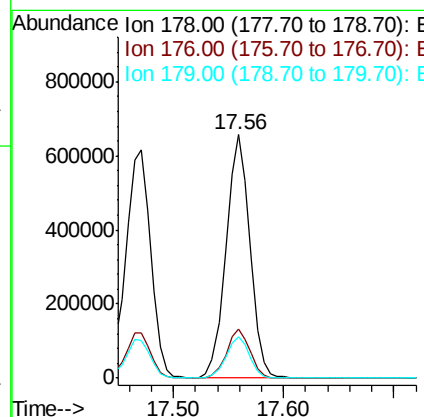
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#72
Anthracene
Concen: 42.544 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.01 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	17.1	13.5	20.3





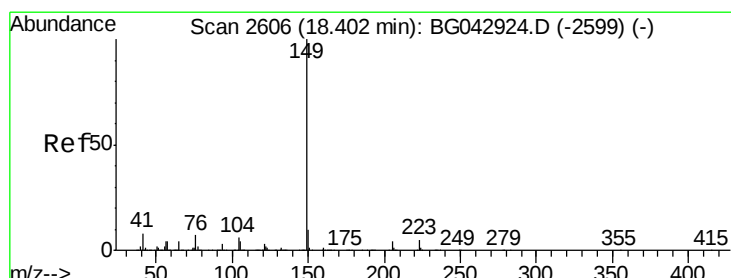
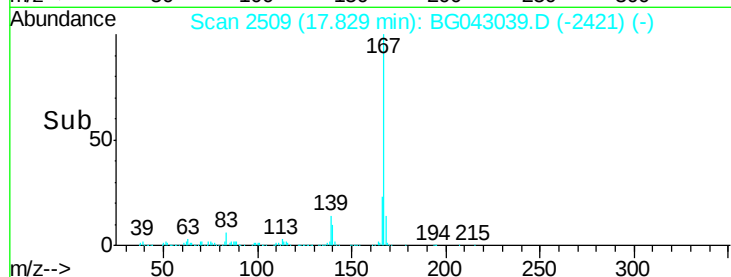
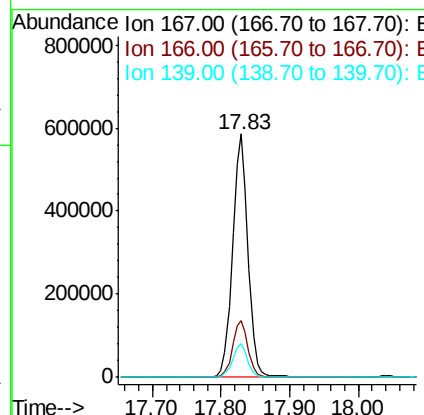
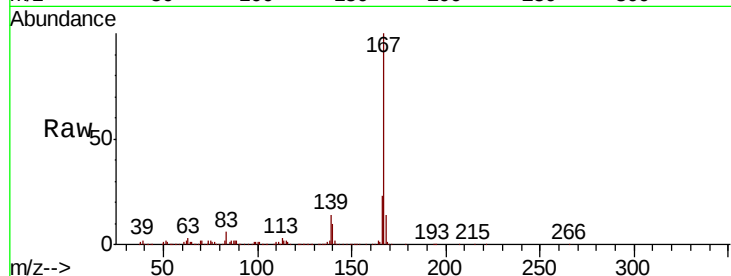
#73
 Carbazole
 Concen: 42.336 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.6	28.0
139	13.8	10.8	16.2

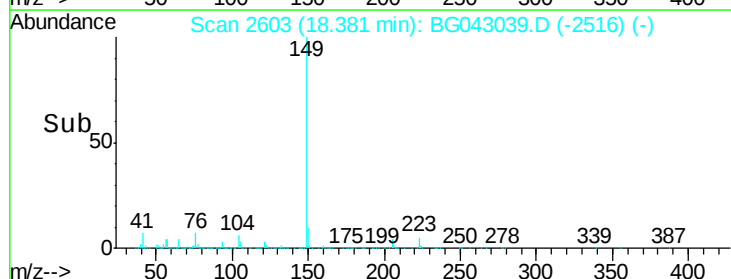
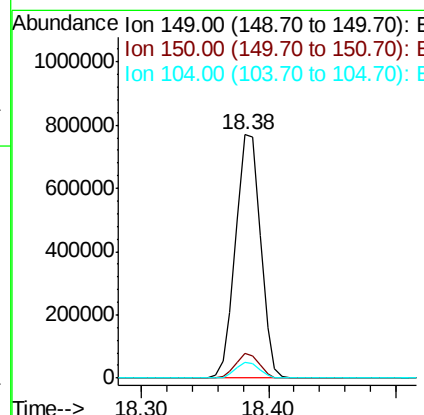
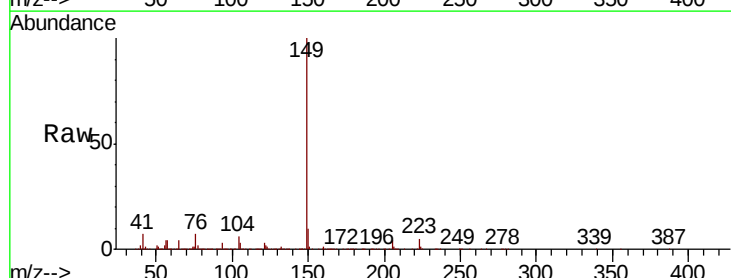
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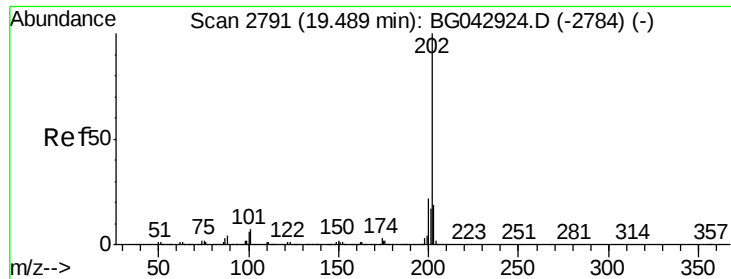
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#74
 Di-n-butylphthalate
 Concen: 40.504 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.7	11.5
104	6.4	5.0	7.6





#75

Fluoranthene

Concen: 40.547 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

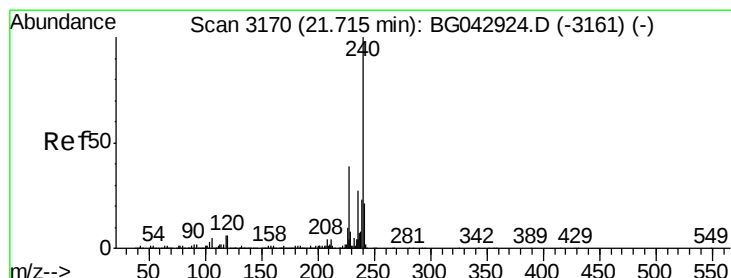
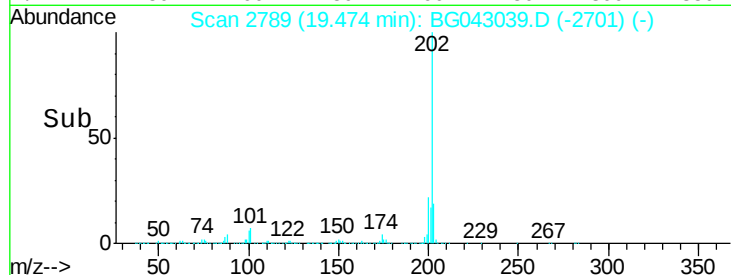
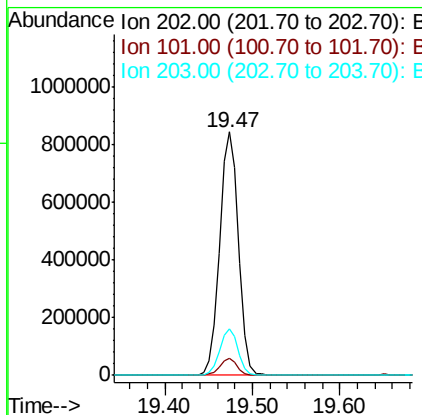
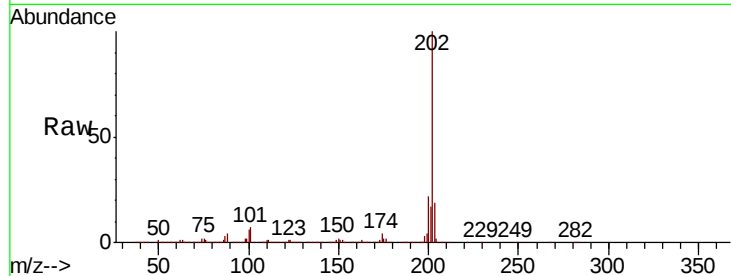
ClientSampleId :

MW-103-IMS

Tot Ion:	202	Resp:	1249236
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	27.3
203	19.0	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

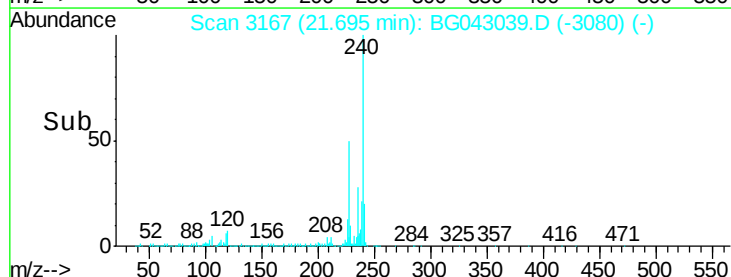
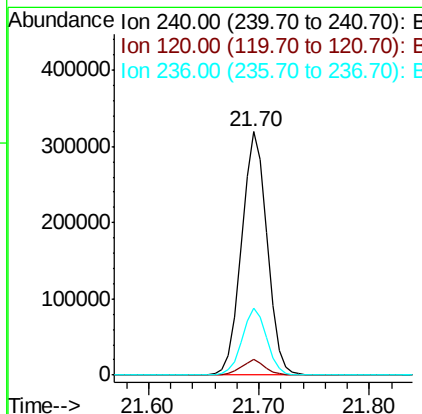
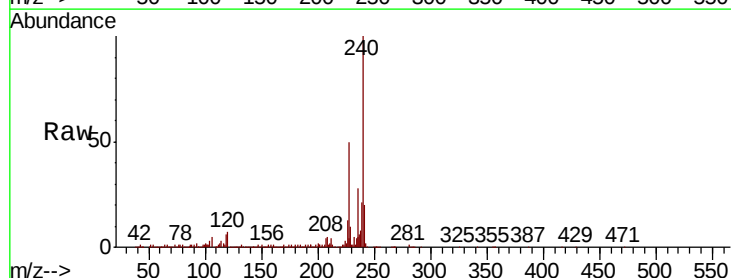
RT: 21.70 min Scan# 3167

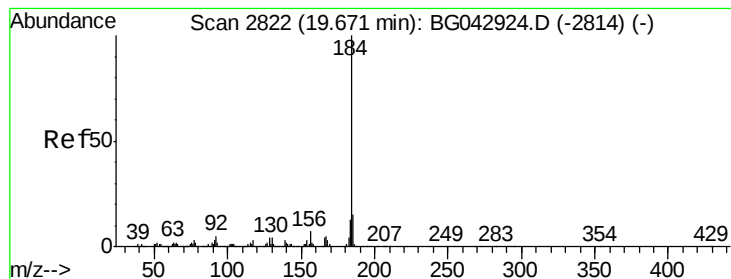
Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	240	Resp:	519647
Ion Ratio	Lower	Upper	
240	100		
120	6.6	4.8	7.2
236	27.7	21.4	32.0





#77

Benzidine

Concen: 56.207 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

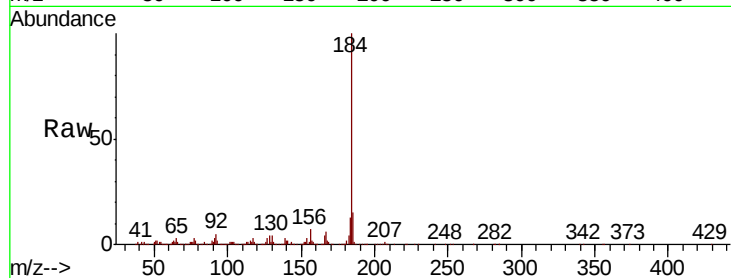
ClientSampleId :

MW-103-IMS

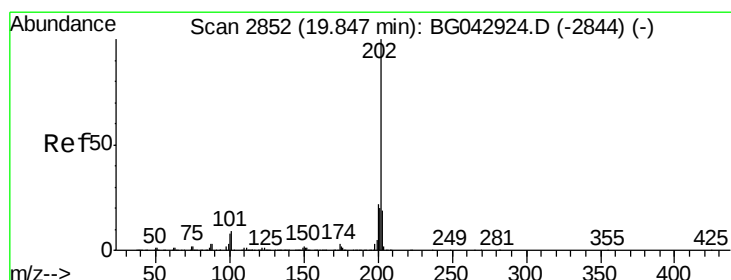
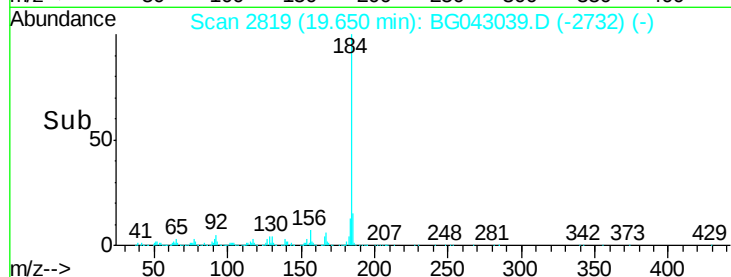
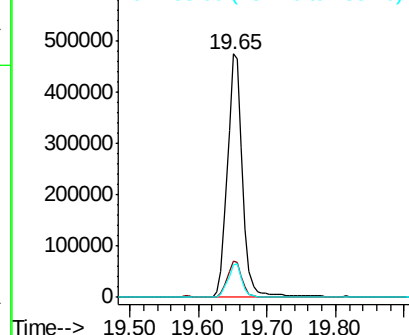
Tot Ion:	184	Resp:	731329
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.8
183	13.1	10.1	15.1

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.784 ng

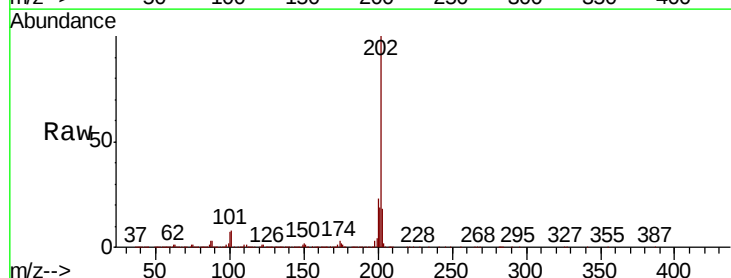
RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

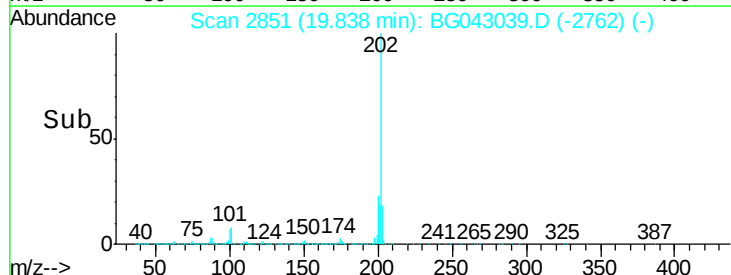
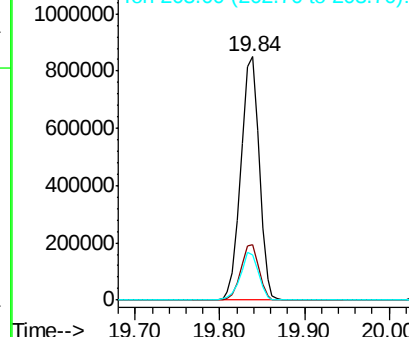
Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	202	Resp:	1264932
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.6	26.4
203	18.4	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.723 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

ClientSampleId :

MW-103-IMS

Tot Ion:244 Resp: 1992939

Ion Ratio Lower Upper

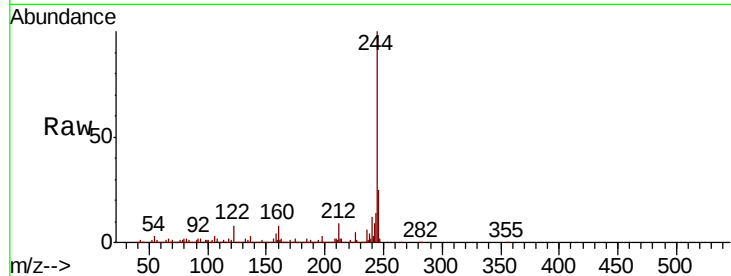
244 100

212 8.9 7.4 11.0

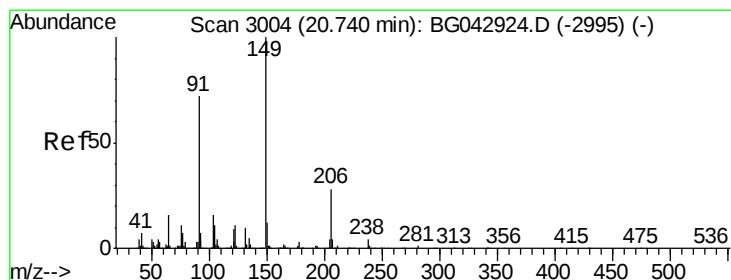
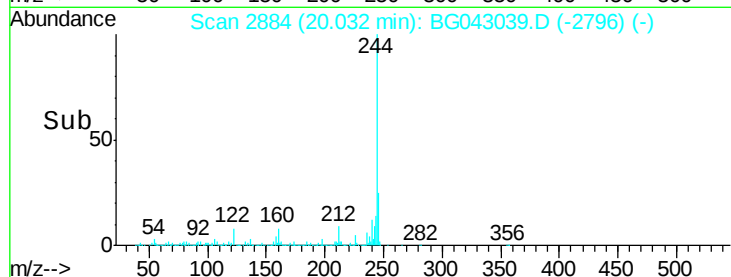
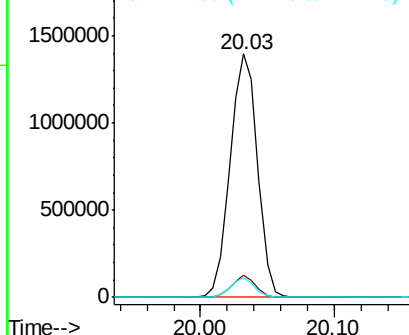
122 8.3 7.0 10.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.782 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

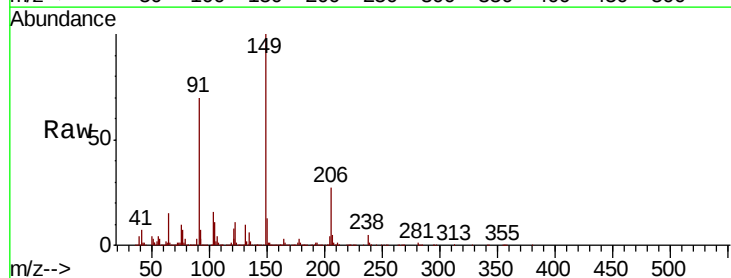
Tgt Ion:149 Resp: 491892

Ion Ratio Lower Upper

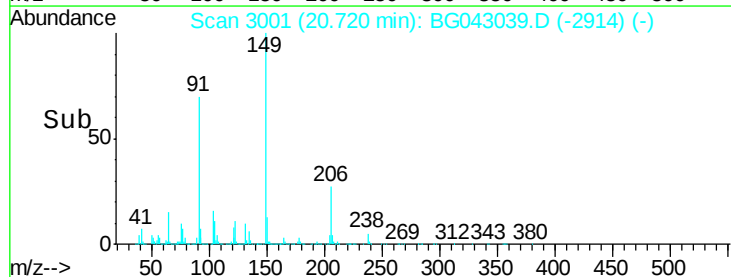
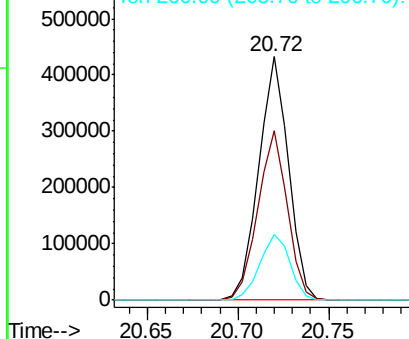
149 100

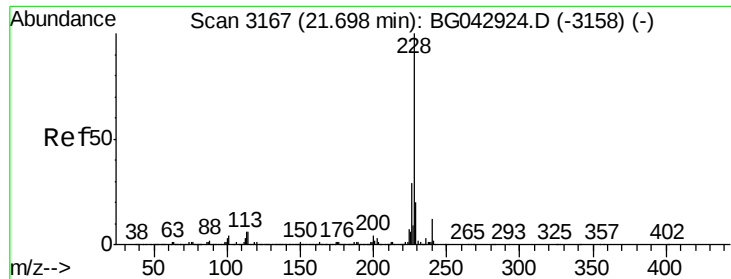
91 69.7 57.7 86.5

206 27.1 22.6 33.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.375 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Instrument :

BNA_G

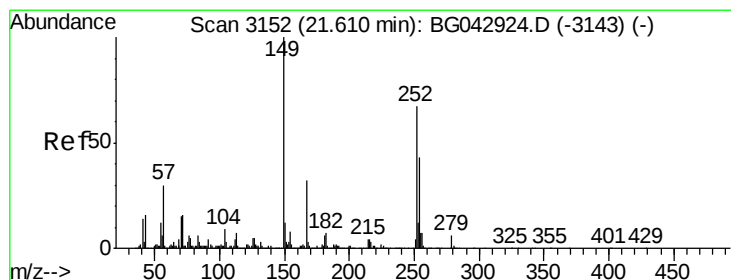
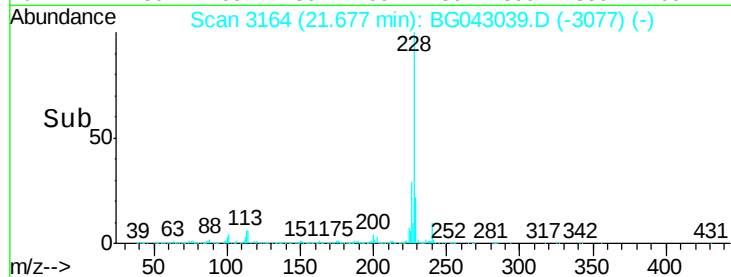
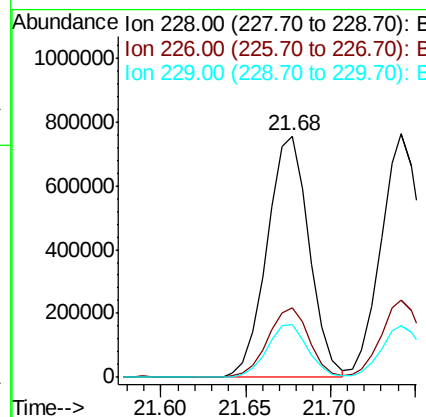
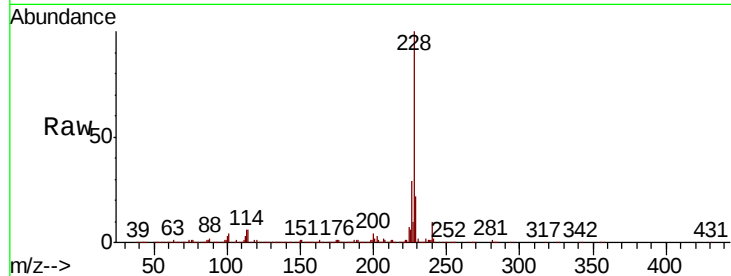
ClientSampled :

MW-103-IMS

Tot Ion:	228	Resp:	1307295
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	22.1	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 21.433 ng

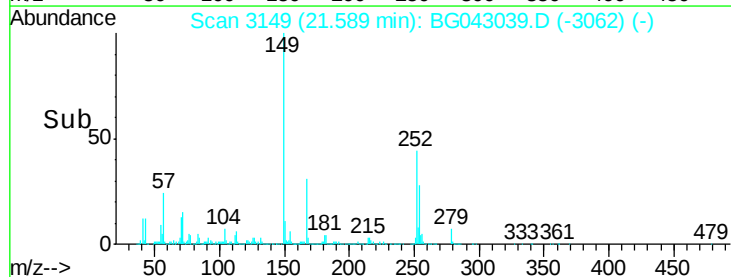
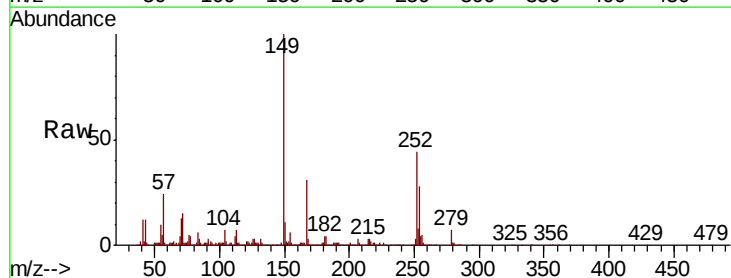
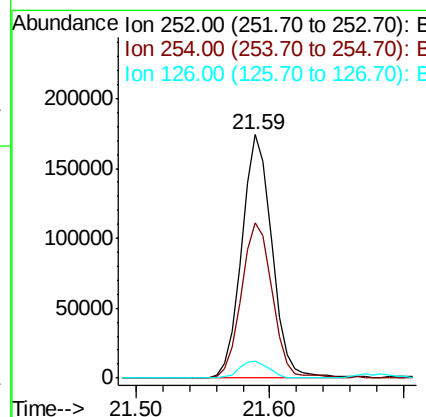
RT: 21.59 min Scan# 3149

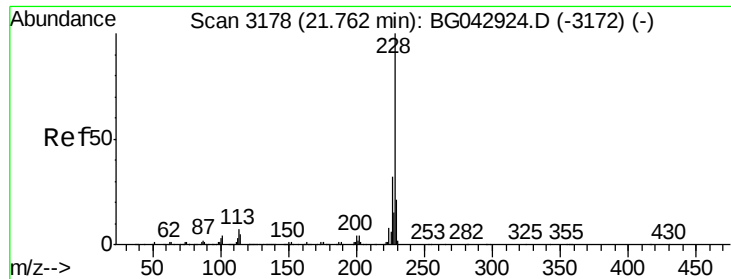
Delta R.T. -0.02 min

Lab File: BG043039.D

Acq: 4 Oct 2019 22:06

Tgt Ion:	252	Resp:	272191
Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	7.2	6.1	9.1





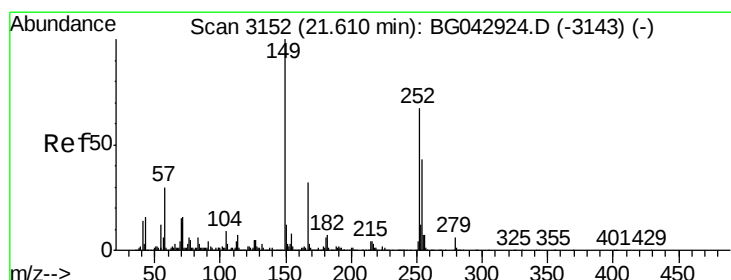
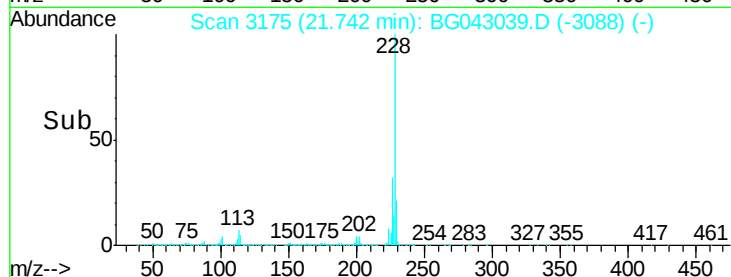
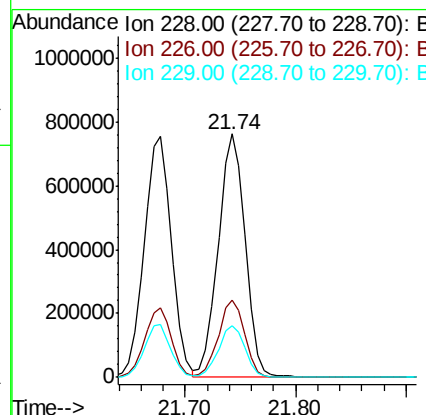
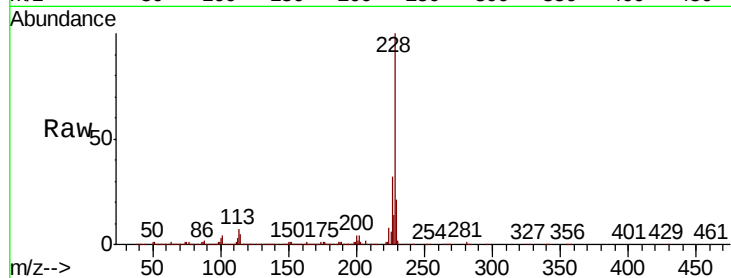
#83
 Chrysene
 Concen: 40.760 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.02 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	21.1	16.9	25.3

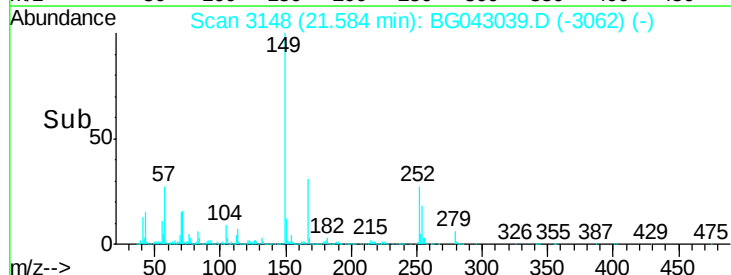
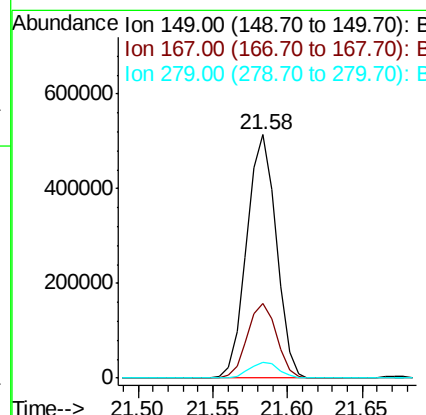
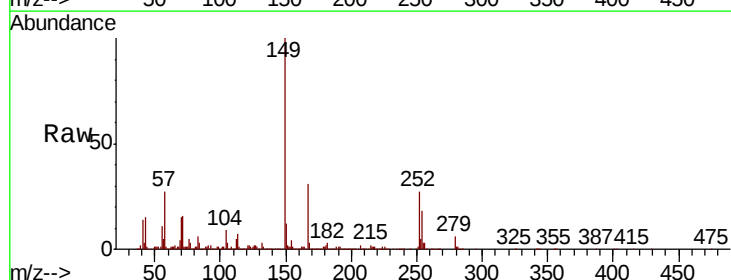
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.063 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. -0.03 min
 Lab File: BG043039.D
 Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	25.4	38.2
279	6.3	5.1	7.7





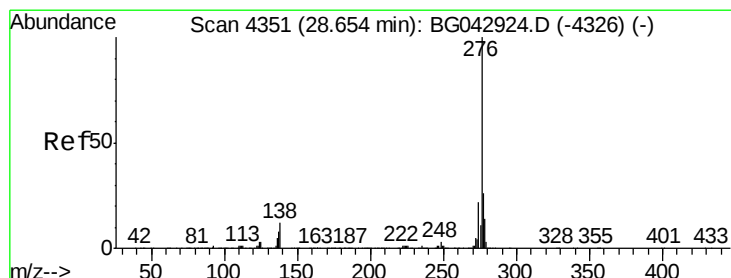
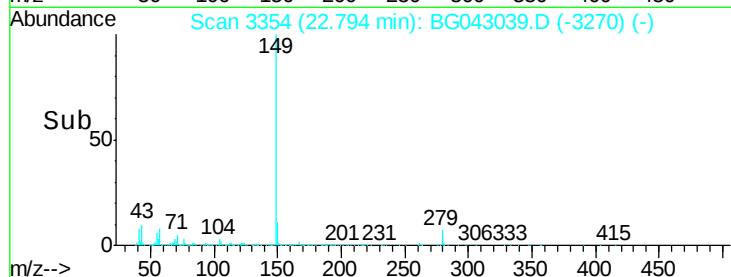
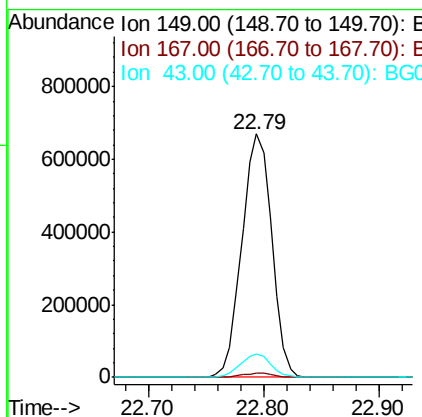
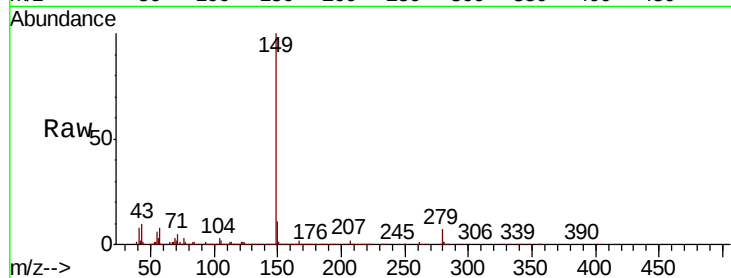
#85
Di-n-octyl phthalate
Concen: 43.883 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.6	8.7	13.1

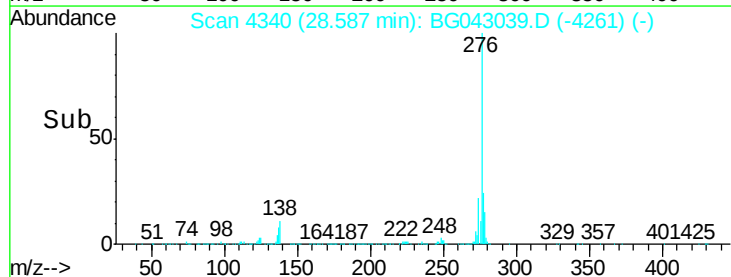
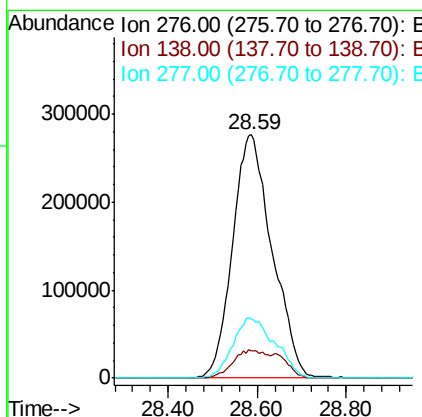
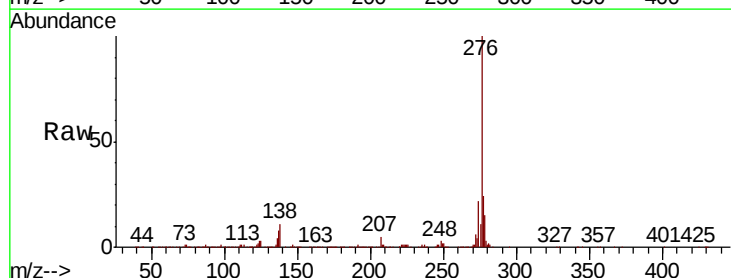
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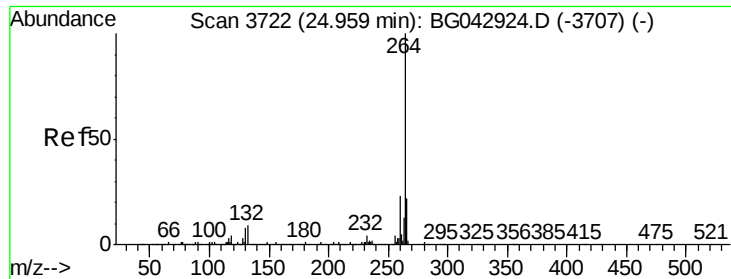
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.550 ng
RT: 28.59 min Scan# 4340
Delta R.T. -0.07 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.9	7.0	10.6
277	26.4	20.9	31.3





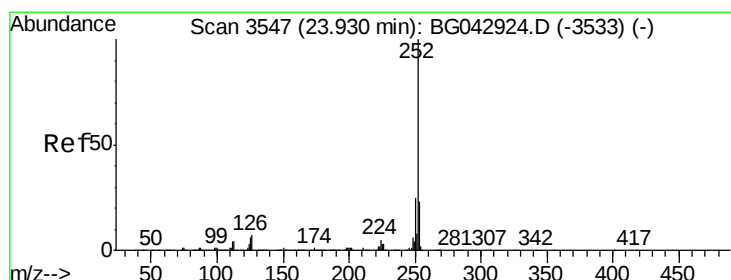
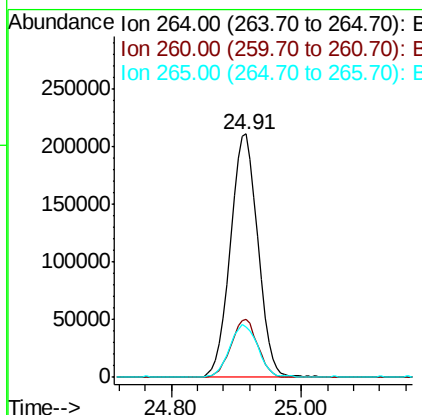
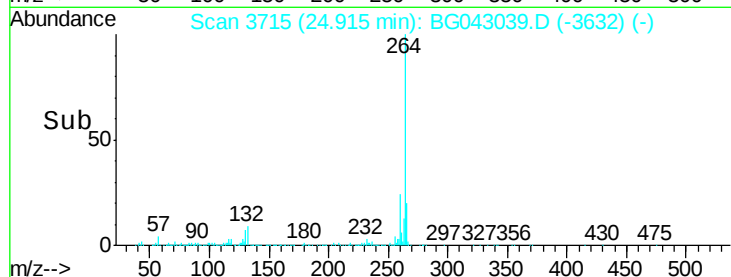
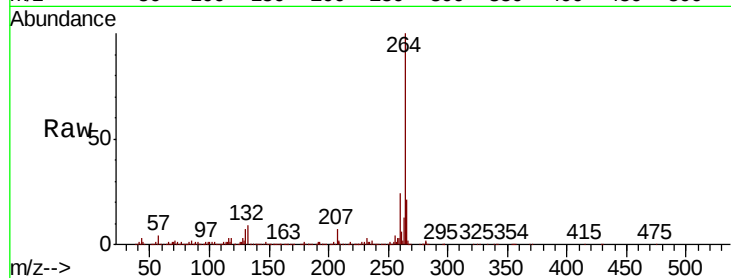
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3715
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	20.5	17.7	26.5

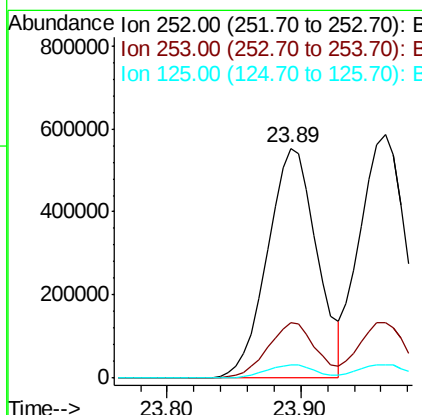
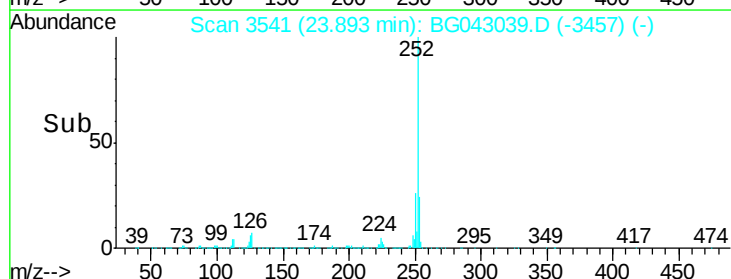
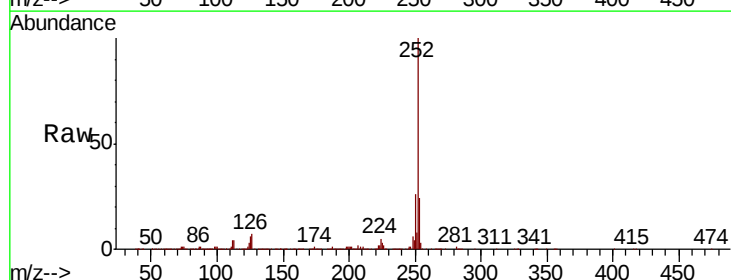
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#88
Benzo(b)fluoranthene
Concen: 40.851 ng
RT: 23.89 min Scan# 3541
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	5.9	4.6	7.0





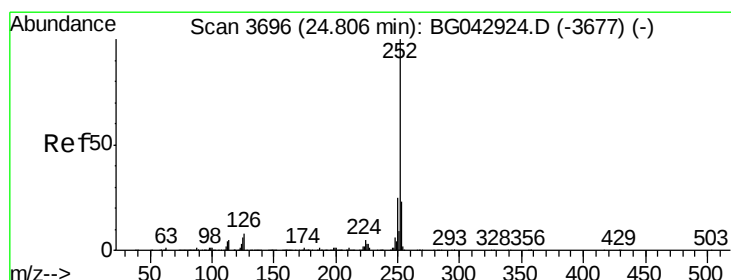
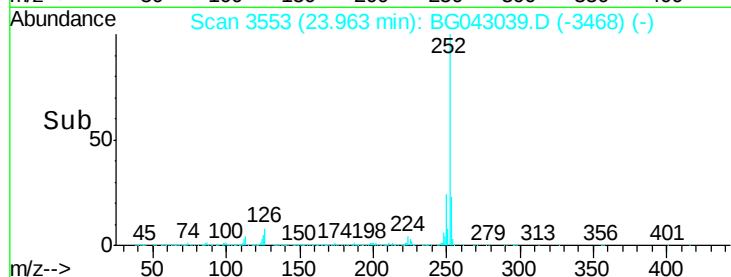
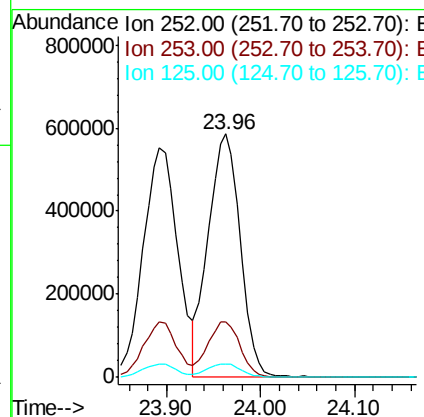
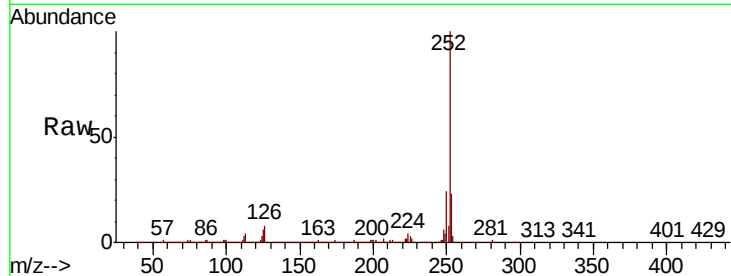
#89
Benzo(k)fluoranthene
Concen: 40.388 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.03 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.9	28.3
125	5.5	4.5	6.7

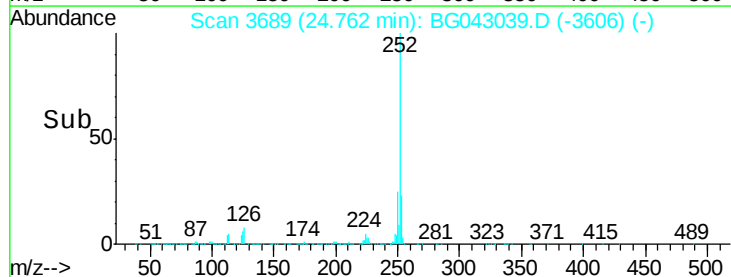
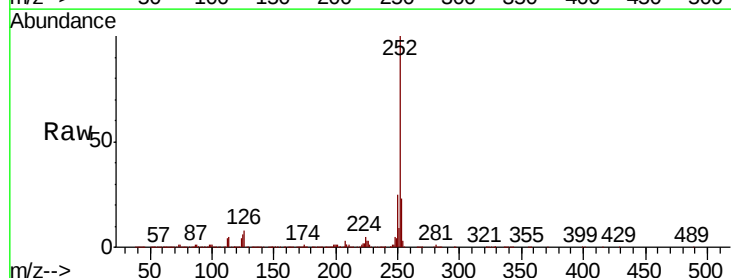
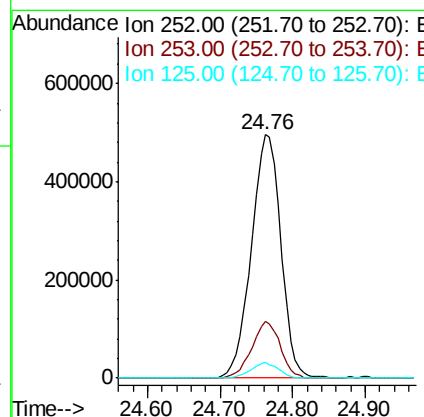
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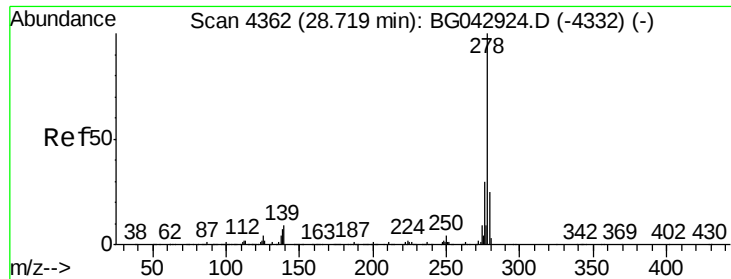
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#90
Benzo(a)pyrene
Concen: 42.522 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.04 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.4
125	6.5	5.0	7.6





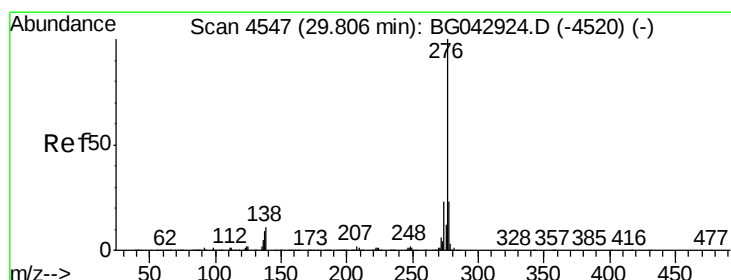
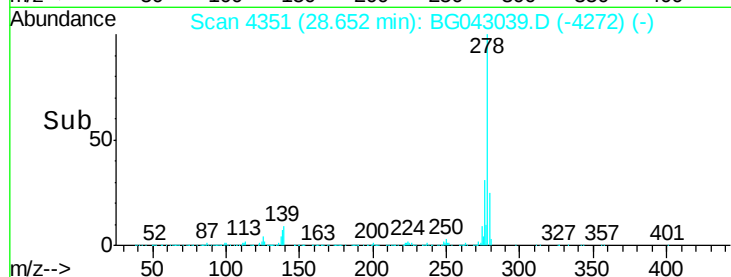
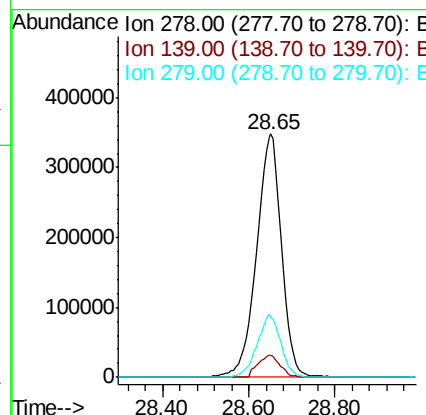
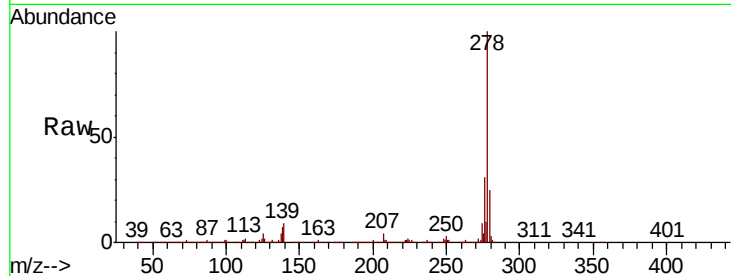
#91
Dibenzo(a,h)anthracene
Concen: 42.724 ng
RT: 28.65 min Scan# 4351
Delta R.T. -0.07 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Instrument :
BNA_G
ClientSampleId :
MW-103-IMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	6.8	10.2
279	25.1	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 43.115 ng
RT: 29.73 min Scan# 4535
Delta R.T. -0.07 min
Lab File: BG043039.D
Acq: 4 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.4	27.6
138	11.9	8.6	12.8

