

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
 Data File : BG043040.D
 Acq On : 4 Oct 2019 22:44
 Operator : JU
 Sample : K5154-13MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Manual Integrations
 APPROVED

mohammad
 10/9/2019 8:31:57 AM

Quant Time: Oct 05 06:35:00 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	79561	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	298771	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	217632	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	496593	20.00	ng	-0.01
76) Chrysene-d12	21.70	240	531712	20.00	ng	-0.02
87) Perylene-d12	24.91	264	631792	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	341699	76.65	ng	-0.01
7) Phenol-d6	7.23	99	313724	48.87	ng	-0.01
23) Nitrobenzene-d5	9.23	82	464642	75.59	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	430977	115.16	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	1072393	71.43	ng	-0.02
79) Terphenyl-d14	20.03	244	1941299	77.80	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	63309	34.060	ng	91
3) Pyridine	3.94	79	117659	22.506	ng	88
4) n-Nitrosodimethylamine	3.86	42	60756	24.167	ng	# 85
6) Aniline	7.39	93	214514	27.680	ng	98
8) 2-Chlorophenol	7.63	128	193220	41.559	ng	95
9) Benzaldehyde	7.20	77	140455	35.802	ng	94
10) Phenol	7.26	94	141887	24.089	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	167367	36.725	ng	97
12) 1,3-Dichlorobenzene	7.95	146	192512	32.459	ng	99
13) 1,4-Dichlorobenzene	8.10	146	198048	33.497	ng	98
14) 1,2-Dichlorobenzene	8.42	146	186916	33.206	ng	98
15) Benzyl Alcohol	8.30	79	174488	36.150	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	261969	29.932	ng	97
17) 2-Methylphenol	8.51	107	154718	37.540	ng	94
18) Hexachloroethane	9.15	117	67976	30.528	ng	94
19) n-Nitroso-di-n-propylamine	8.87	70	151598	35.962	ng	94
20) 3+4-Methylphenols	8.84	107	189916	33.625	ng	92
22) Acetophenone	8.88	105	296860	38.546	ng	95
24) Nitrobenzene	9.27	77	233197	39.773	ng	97
25) Isophorone	9.79	82	434688	40.259	ng	98
26) 2-Nitrophenol	9.98	139	118334	47.410	ng	96
27) 2,4-Dimethylphenol	10.04	122	191814	50.042	ng	96
28) bis(2-Chloroethoxy)methane	10.27	93	240792	39.307	ng	99
29) 2,4-Dichlorophenol	10.52	162	214655	45.027	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	224659	36.493	ng	98
31) Naphthalene	10.92	128	574700	39.076	ng	99
32) Benzoic acid	10.15	122	44149	18.157	ng	88
33) 4-Chloroaniline	11.02	127	125544	19.672	ng	98
34) Hexachlorobutadiene	11.21	225	152778	33.144	ng	98
35) Caprolactam	11.80	113	23235m	13.821	ng	
36) 4-Chloro-3-methylphenol	12.15	107	225908	43.584	ng	97
37) 2-Methylnaphthalene	12.52	142	443642	39.541	ng	95
38) 1-Methylnaphthalene	12.73	142	419655	39.528	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	293737	35.897	ng	99

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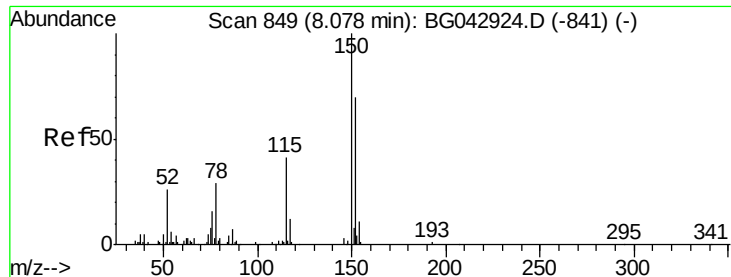
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	371823	71.316	nq	93
43) 2,4,6-Trichlorophenol	13.12	196	200164	41.793	nq	97
44) 2,4,5-Trichlorophenol	13.19	196	210187	42.601	nq	99
46) 1,1'-Biphenyl	13.52	154	608685	36.881	nq	99
47) 2-Chloronaphthalene	13.56	162	475551	38.432	nq	99
48) 2-Nitroaniline	13.76	65	156031	37.919	nq	92
49) Acenaphthylene	14.41	152	753382	39.790	nq	99
50) Dimethylphthalate	14.14	163	802587	49.219	nq	99
51) 2,6-Dinitrotoluene	14.25	165	146775	42.267	nq	89
52) Acenaphthene	14.75	154	469813	37.071	nq	97
53) 3-Nitroaniline	14.58	138	78632	21.911	nq	95
54) 2,4-Dinitrophenol	14.79	184	182882	84.727	nq	92
55) Dibenzofuran	15.08	168	734690	39.189	nq	98
56) 4-Nitrophenol	14.90	139	114007	41.694	nq	98
57) 2,4-Dinitrotoluene	15.04	165	200257	39.380	nq	93
58) Fluorene	15.73	166	612658	38.277	nq	95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	210212	40.015	nq	# 99
60) Diethylphthalate	15.50	149	617935	37.236	nq	98
61) 4-Chlorophenyl-phenylether	15.72	204	357460	37.238	nq	99
62) 4-Nitroaniline	15.75	138	143489	36.661	nq	98
63) Azobenzene	16.01	77	543946	36.002	nq	97
65) 4,6-Dinitro-2-methylphenol	15.81	198	130378	46.397	nq	90
66) n-Nitrosodiphenylamine	15.94	169	547308	41.749	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	256111	41.091	nq	98
68) Hexachlorobenzene	16.73	284	277892	40.044	nq	98
69) Atrazine	16.88	200	206645	37.434	nq	93
70) Pentachlorophenol	17.08	266	341228	85.214	nq	99
71) Phenanthrene	17.47	178	961826	39.673	nq	97
72) Anthracene	17.56	178	986069	40.742	nq	100
73) Carbazole	17.83	167	892030	39.745	nq	99
74) Di-n-butylphthalate	18.39	149	1015180	37.911	nq	99
75) Fluoranthene	19.47	202	1209850	37.729	nq	99
77) Benzidine	19.65	184	714496	53.667	nq	99
78) Pyrene	19.84	202	1242232	39.143	nq	99
80) Butylbenzylphthalate	20.72	149	480796	39.913	nq	99
81) Benzo(a)anthracene	21.68	228	1286286	38.825	nq	98
82) 3,3'-Dichlorobenzidine	21.59	252	278927	21.466	nq	96
83) Chrysene	21.74	228	1242727	38.653	nq	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	692136	40.379	nq	97
85) Di-n-octyl phthalate	22.79	149	1168933	41.704	nq	97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1660528	41.487	nq	# 98
88) Benzo(b)fluoranthene	23.90	252	1373537	38.422	nq	99
89) Benzo(k)fluoranthene	23.96	252	1363190	38.546	nq	99
90) Benzo(a)pyrene	24.76	252	1358574	40.281	nq	98
91) Dibenzo(a,h)anthracene	28.65	278	1402686	40.558	nq	99
92) Benzo(g,h,i)perylene	29.72	276	1371310	40.923	nq	98

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



#1

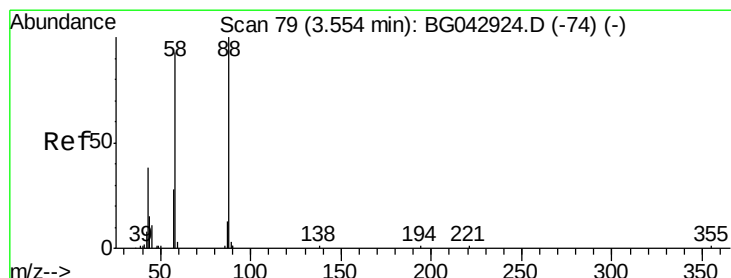
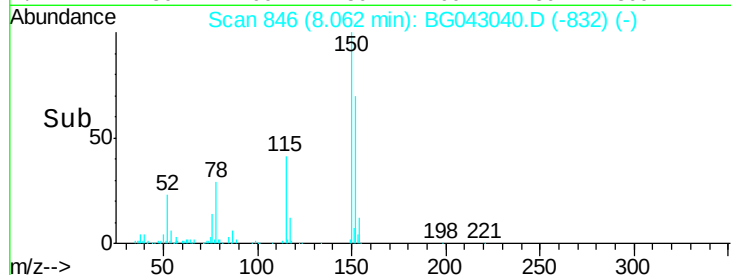
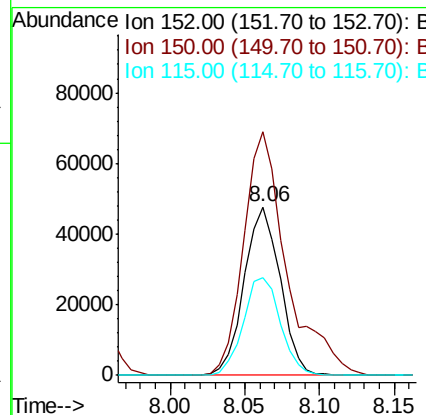
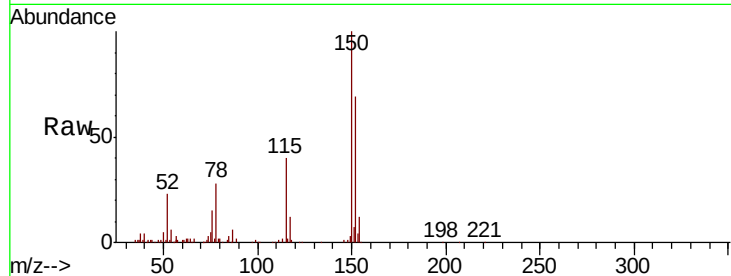
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.4	115.0	172.4
115	58.1	47.0	70.6

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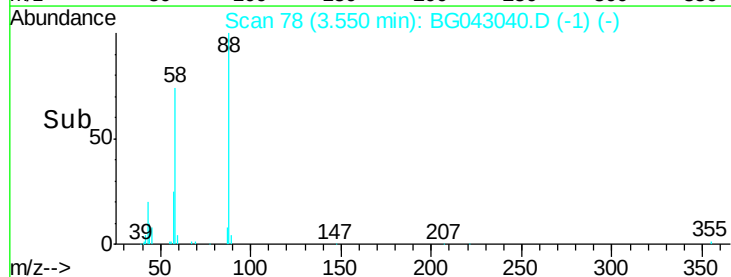
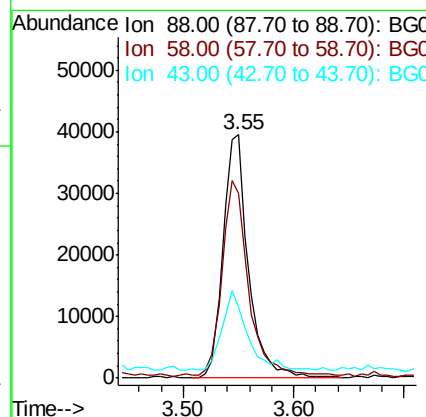
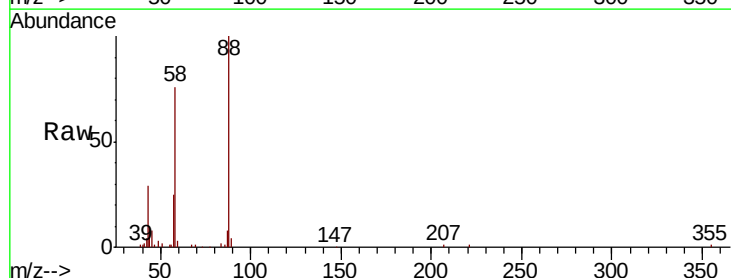
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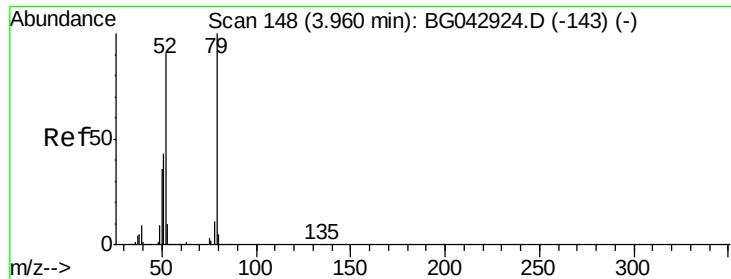


#2

1,4-Dioxane
Concen: 34.060 ng
RT: 3.55 min Scan# 78
Delta R.T. -0.00 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.8	74.3	111.5
43	31.6	29.8	44.8





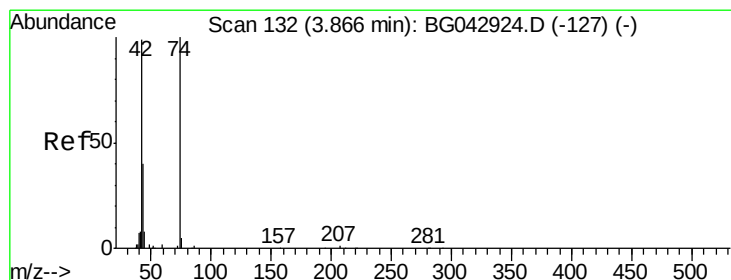
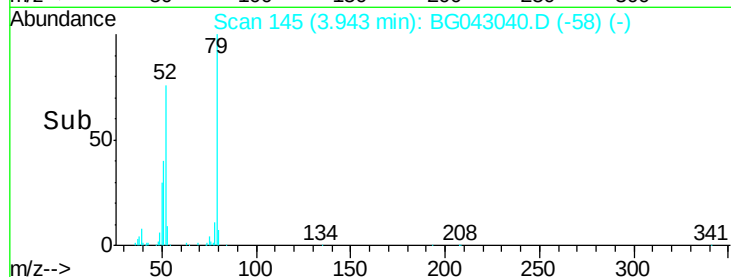
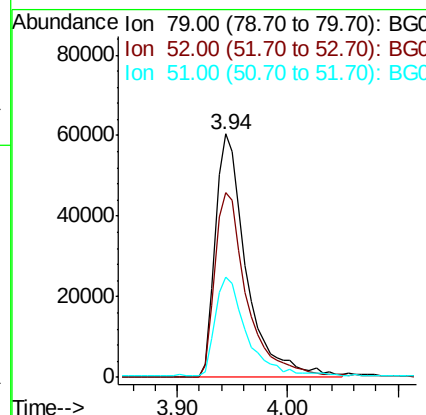
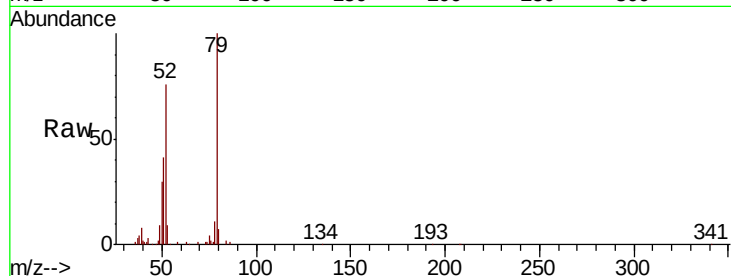
#3
 Pvridine
 Concen: 22.506 ng
 RT: 3.94 min Scan# 145
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	76.0		73.0	109.4	
51	41.0		35.1	52.7	

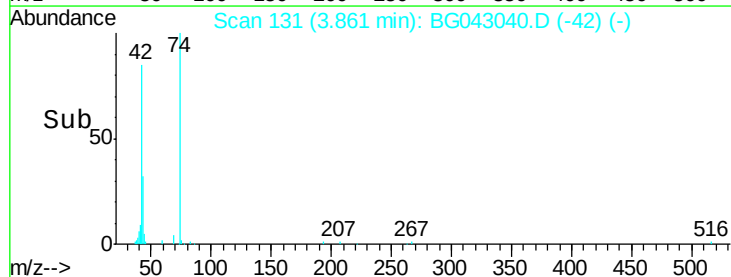
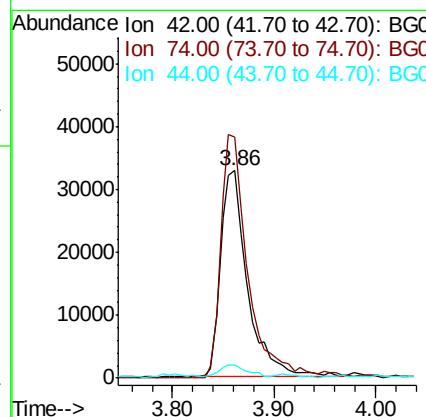
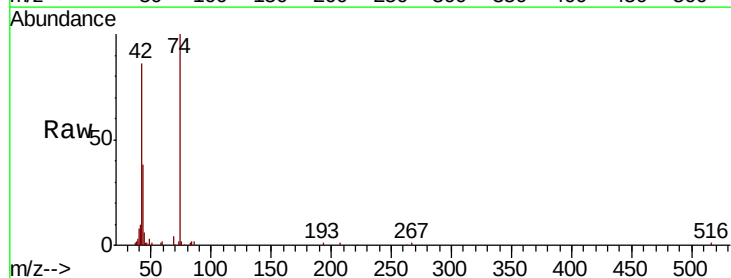
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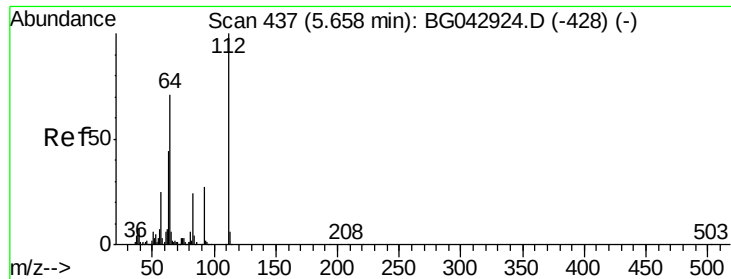
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#4
 n-Nitrosodimethylamine
 Concen: 24.167 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.00 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	116.1		80.5	120.7	
44	6.7		6.9	10.3	





#5

2-Fluorophenol

Concen: 76.646 ng

RT: 5.65 min Scan# 435

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

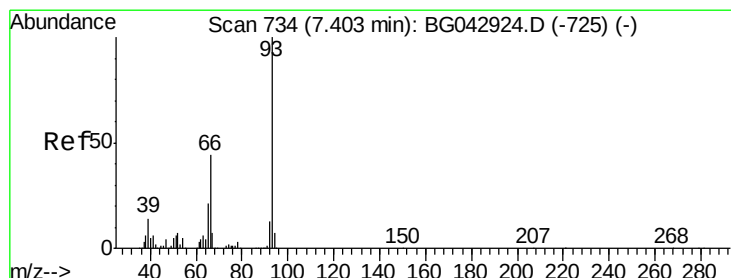
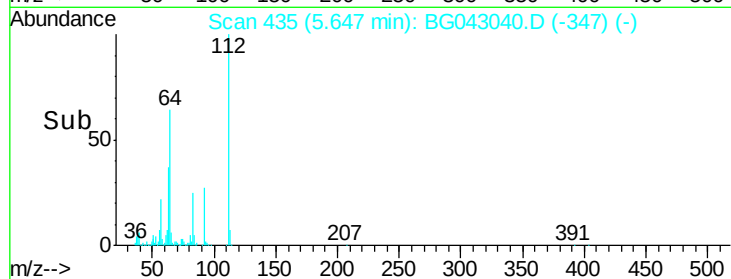
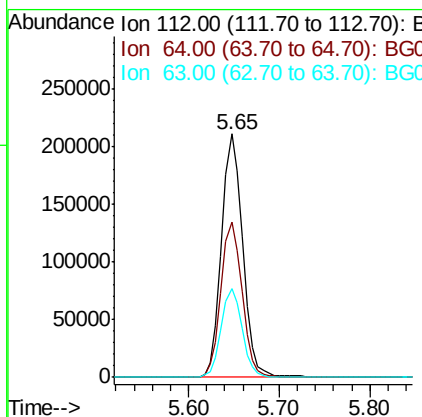
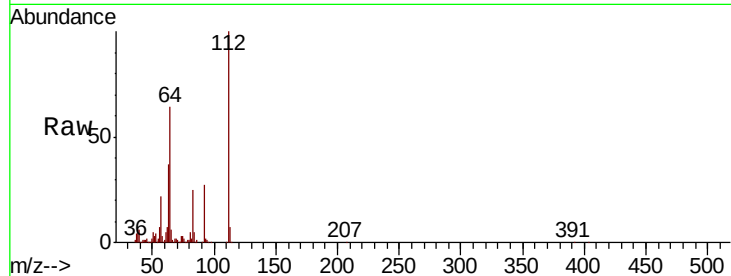
ClientSampleId :

MW-103-IMSD

Tot Ion:	112	Resp:	341699
Ion Ratio	Lower	Upper	
112	100		
64	63.6	56.6	84.8
63	36.7	35.1	52.7

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#6

Aniline

Concen: 27.680 ng

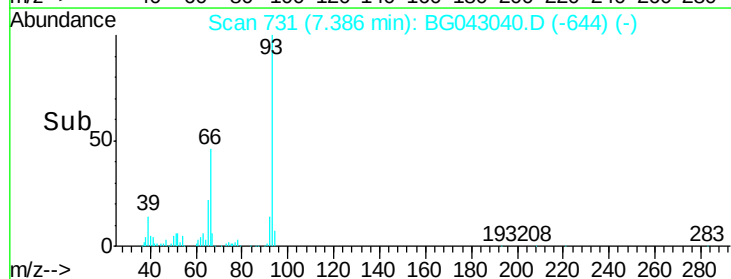
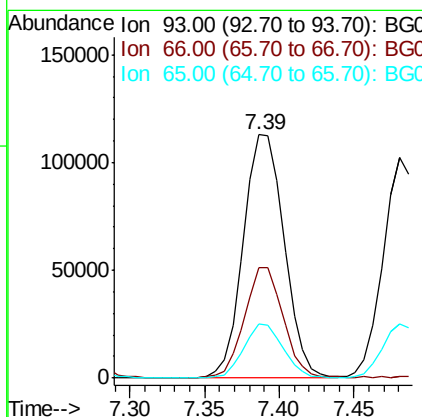
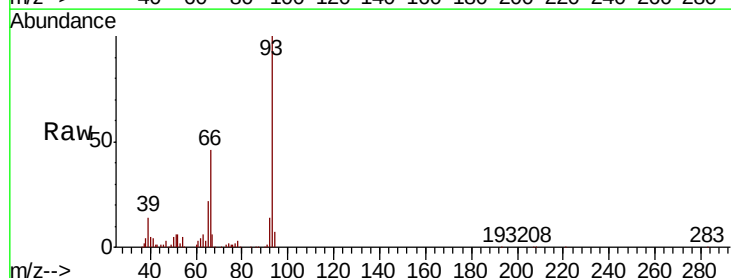
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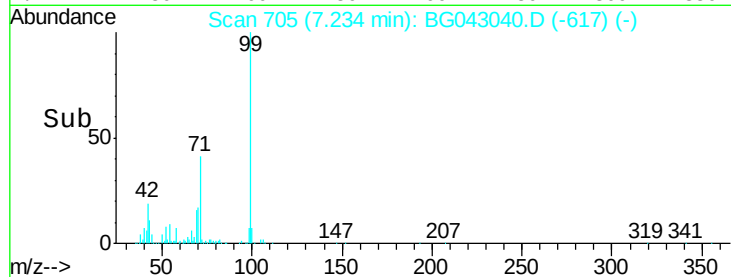
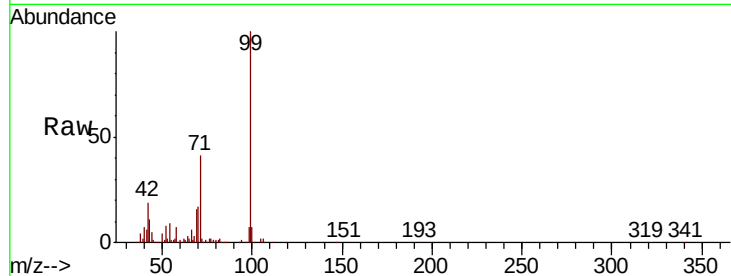
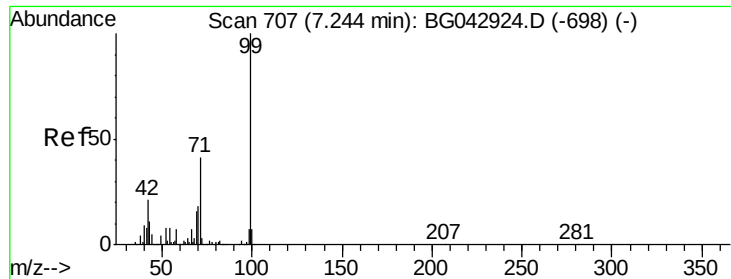
Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:	93	Resp:	214514
Ion Ratio	Lower	Upper	
93	100		
66	45.6	35.0	52.6
65	22.3	17.4	26.0





#7

Phenol-d6

Concen: 48.867 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tot Ion:	99	Resp:	313724
Ion Ratio	Lower	Upper	
99	100		
42	19.1	17.2	25.8
71	41.0	33.1	49.7

Instrument :

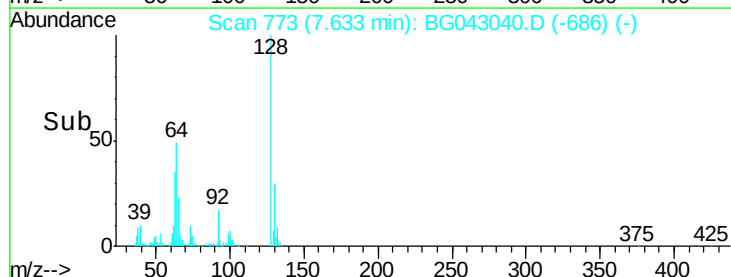
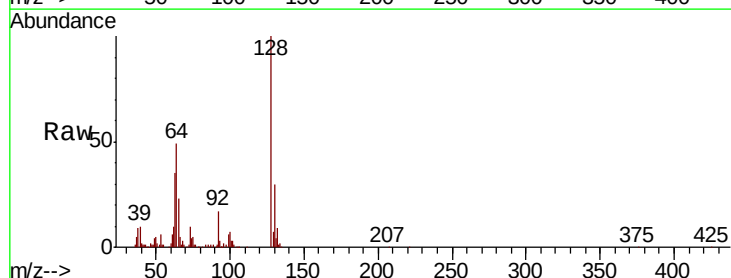
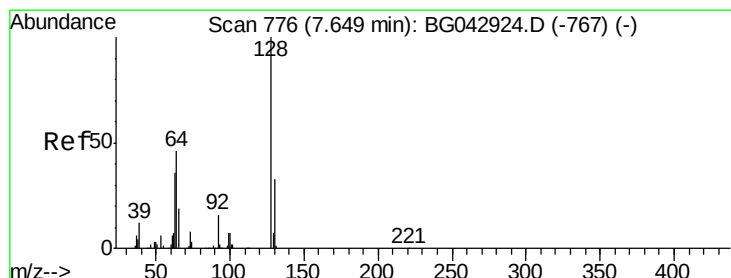
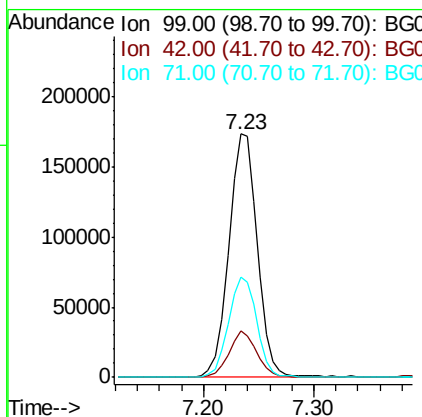
BNA_G

ClientSampleId :

MW-103-IMSD

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#8

2-Chlorophenol

Concen: 41.559 ng

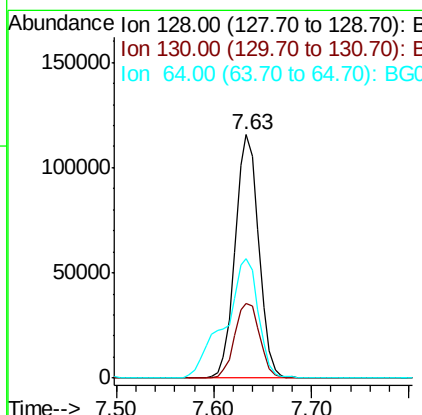
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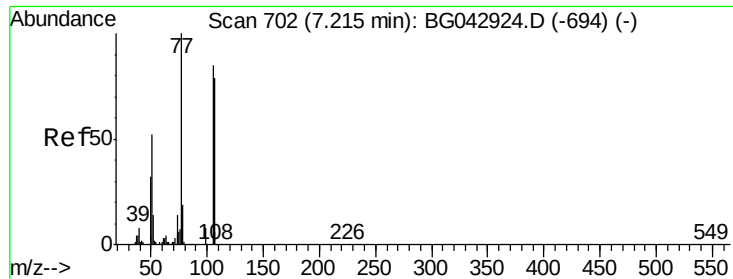
Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:	128	Resp:	193220
Ion Ratio	Lower	Upper	
128	100		
130	30.5	12.5	52.5
64	49.2	32.8	72.8





#9

Benzaldehyde

Concen: 35.802 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

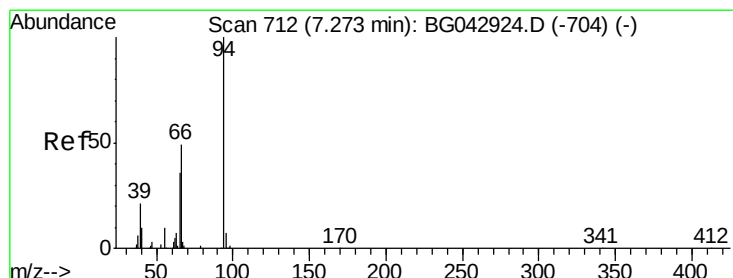
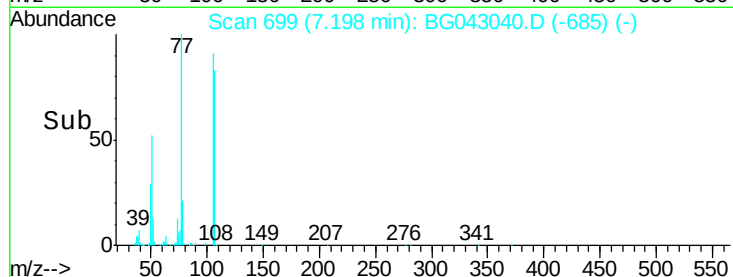
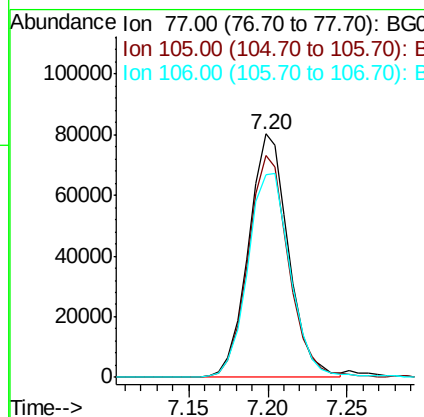
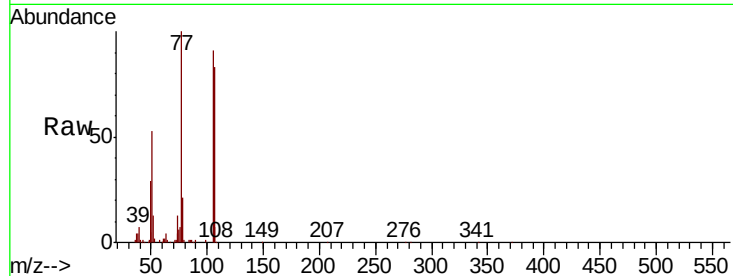
ClientSampled :

MW-103-IMSD

Tot Ion:	77	Resp:	140455
Ion Ratio	Lower	Upper	
77	100		
105	91.0	64.6	104.6
106	83.0	59.4	99.4

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#10

Phenol

Concen: 24.089 ng

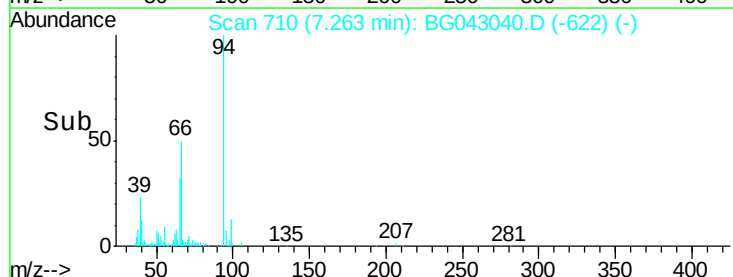
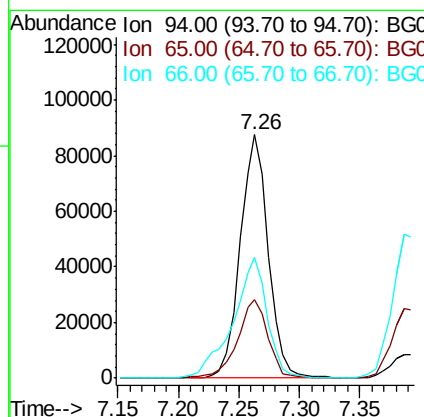
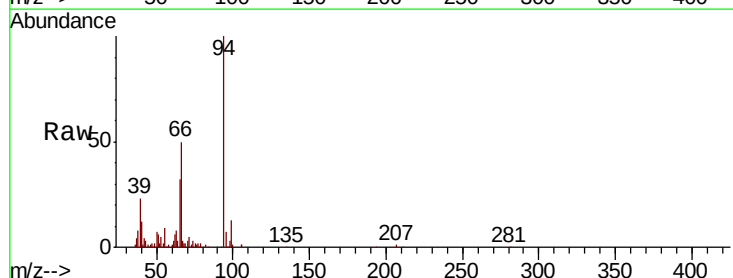
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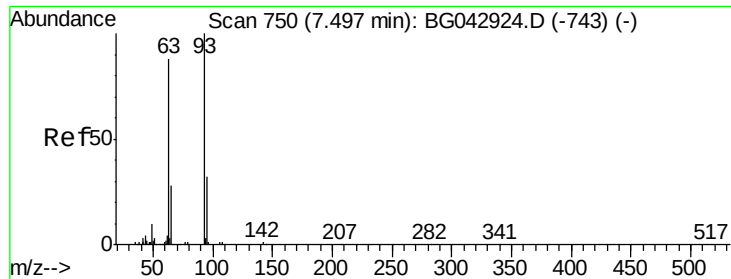
Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:	94	Resp:	141887
Ion Ratio	Lower	Upper	
94	100		
65	32.1	16.6	56.6
66	49.7	32.4	72.4





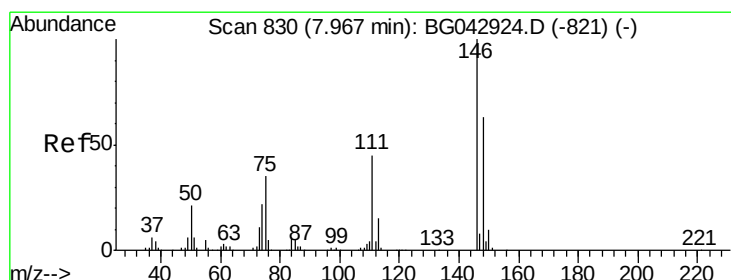
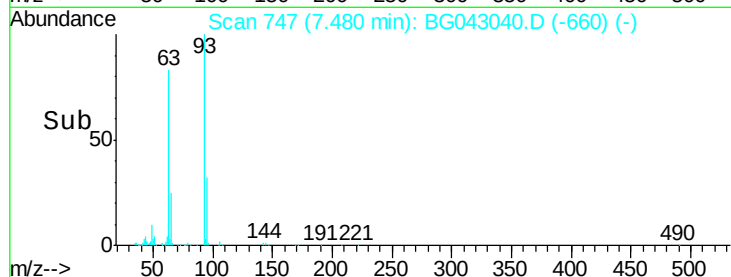
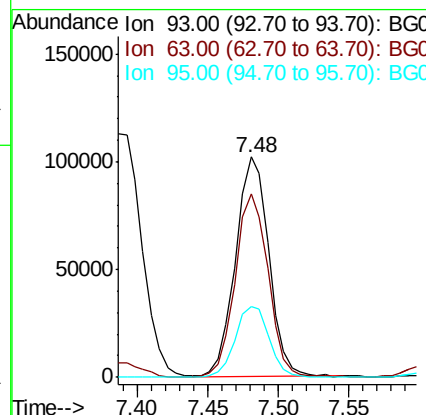
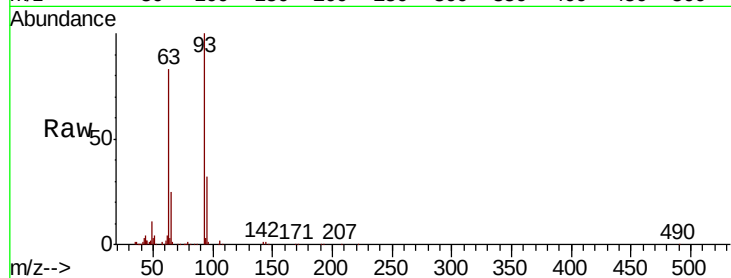
#11
bis(2-Chloroethyl)ether
Concen: 36.725 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampled :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.2	67.4	107.4
95	32.0	11.9	51.9

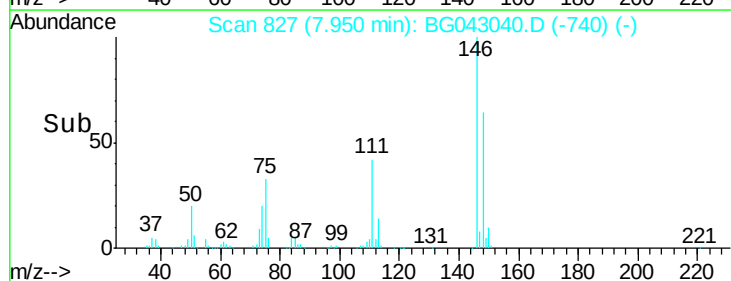
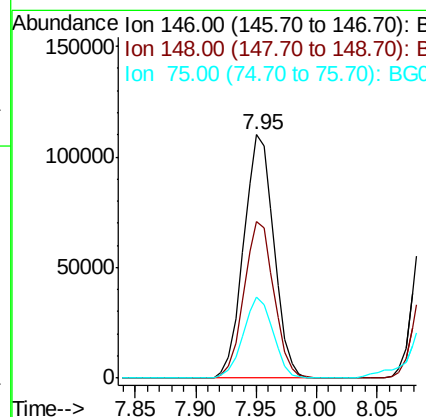
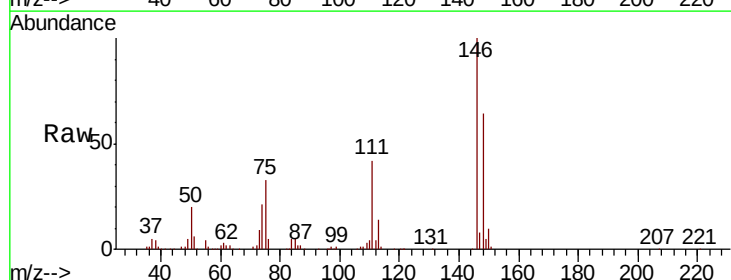
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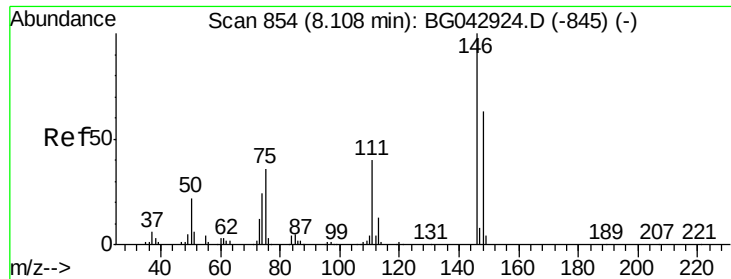
mohammad
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#12
1,3-Dichlorobenzene
Concen: 32.459 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
75	33.2	27.7	41.5





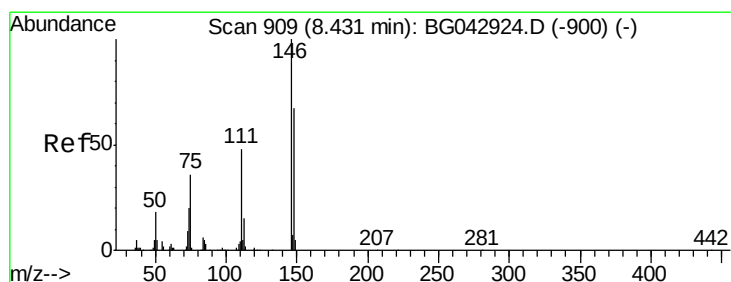
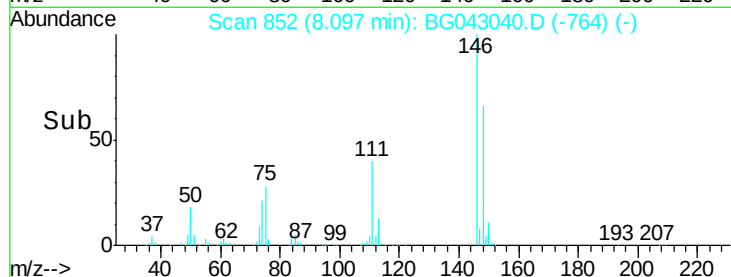
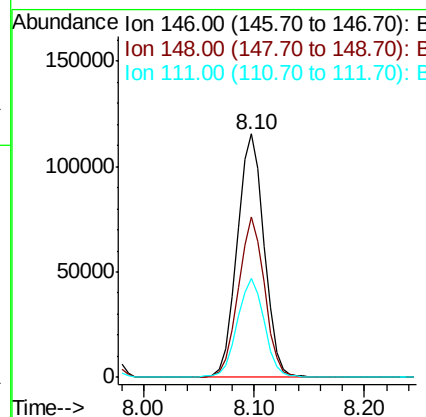
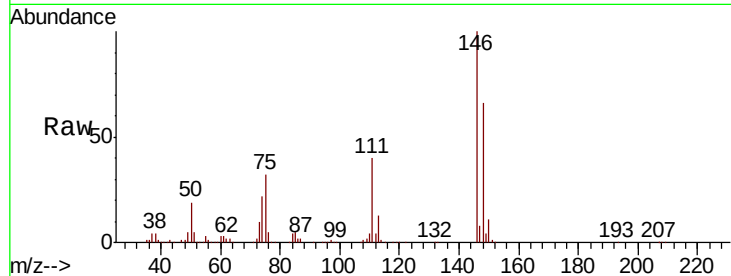
#13
1,4-Dichlorobenzene
Concen: 33.497 ng
RT: 8.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.9	76.3
111	40.4	31.8	47.8

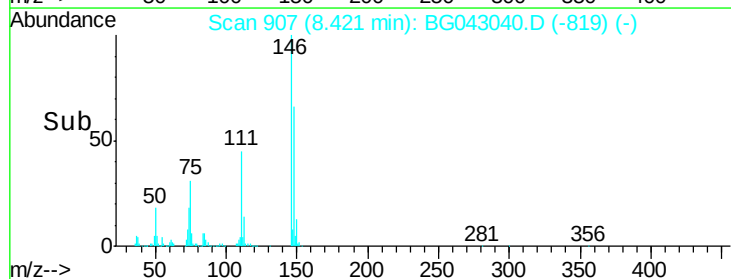
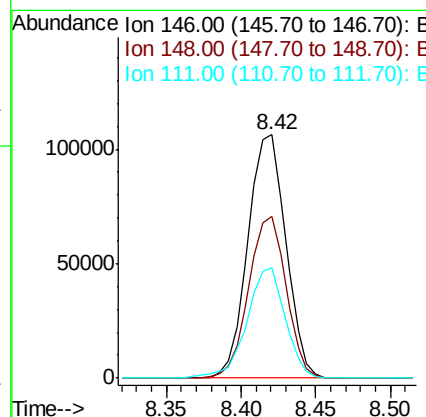
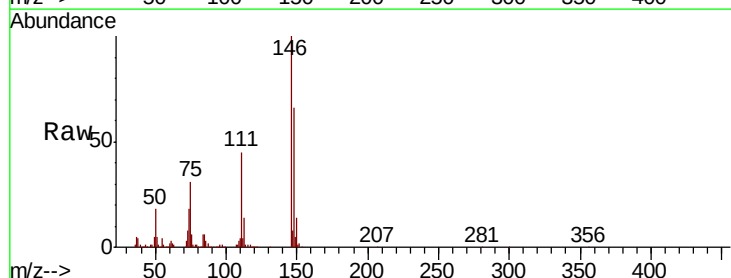
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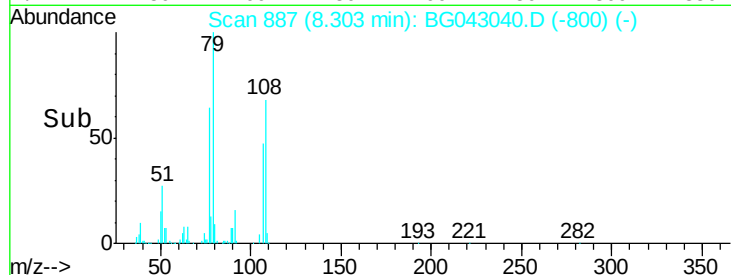
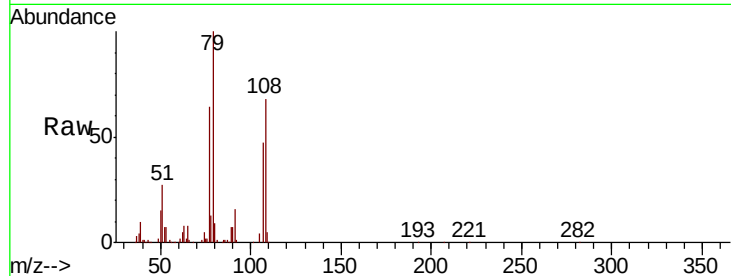
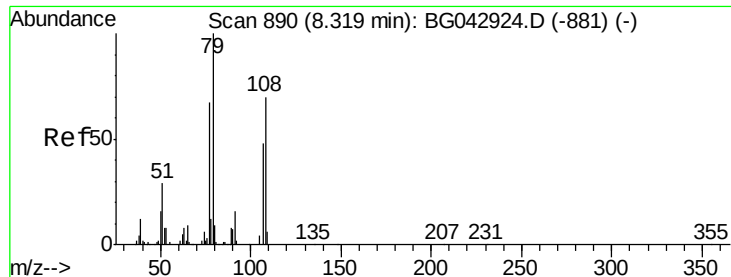
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#14
1,2-Dichlorobenzene
Concen: 33.206 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	53.4	80.2
111	45.5	38.5	57.7





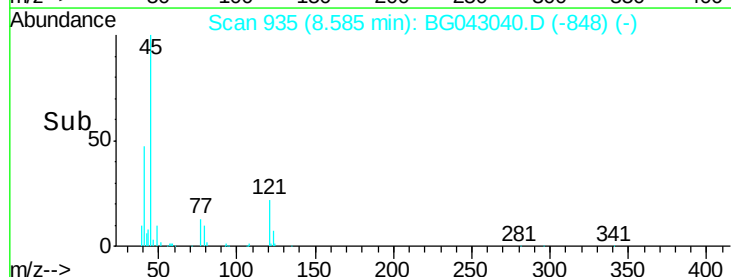
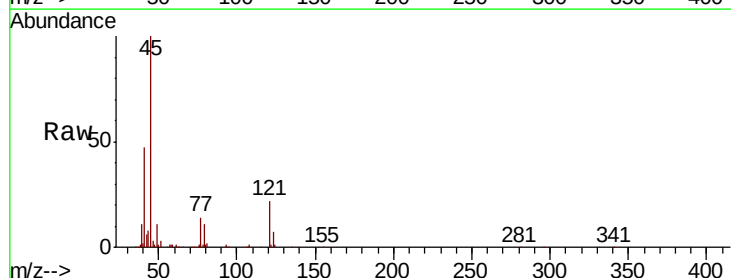
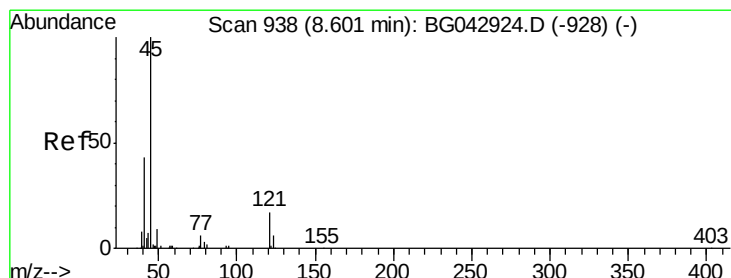
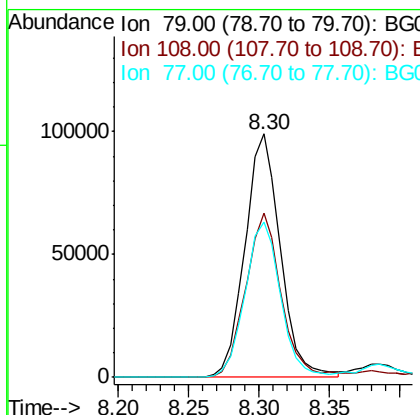
#15
Benzyl Alcohol
Concen: 36.150 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.6	55.7	83.5
77	63.9	53.3	79.9

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

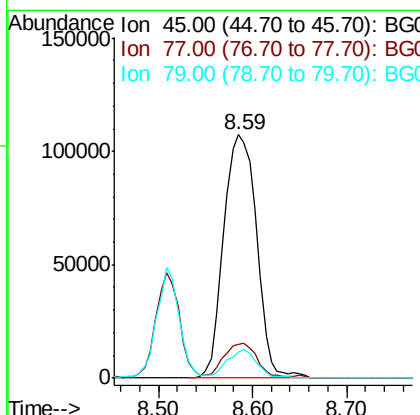
Manual Integrations
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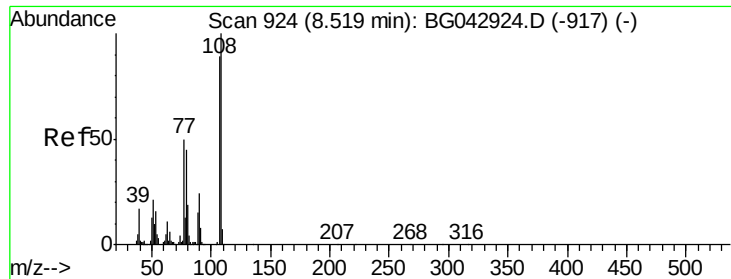
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.932 ng
RT: 8.59 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.1	0.0	32.8
79	10.6	0.0	29.4





#17

2-Methylphenol

Concen: 37.540 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

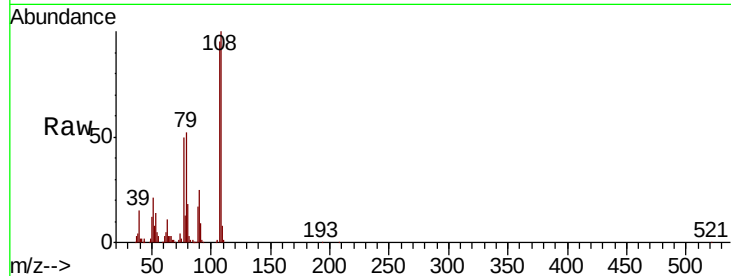
ClientSampled :

MW-103-IMSD

Tot Ion:	107	Resp:	154718
Ion Ratio	Lower	Upper	
107	100		
108	105.6	89.9	134.9
77	52.4	45.4	68.2
79	54.6	41.4	62.0

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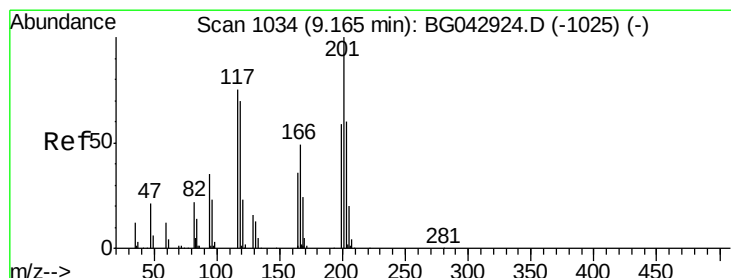
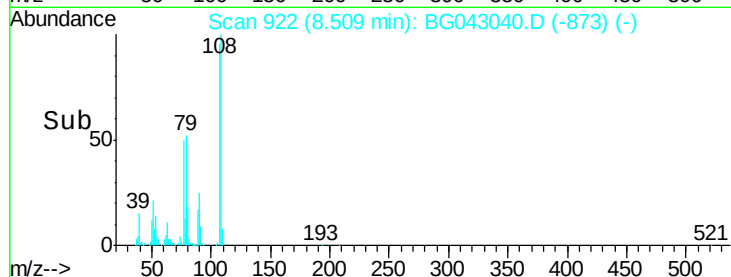
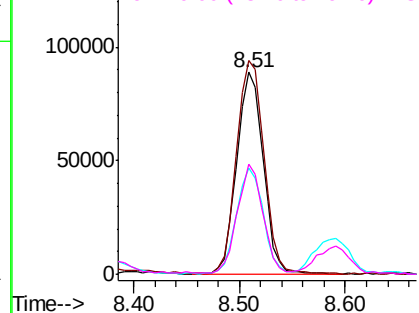
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 30.528 ng

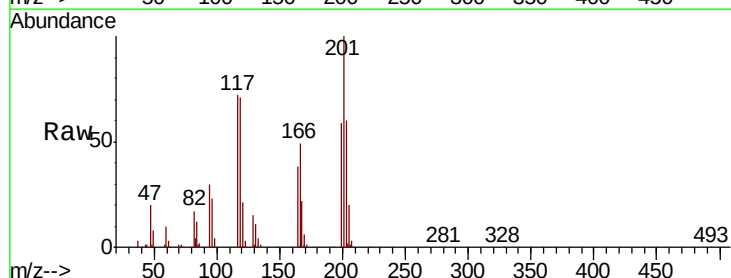
RT: 9.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:	117	Resp:	67976
Ion Ratio	Lower	Upper	
117	100		
119	98.7	74.6	111.8
201	139.1	106.0	159.0

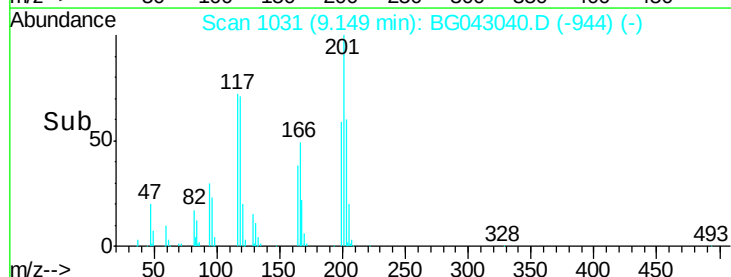
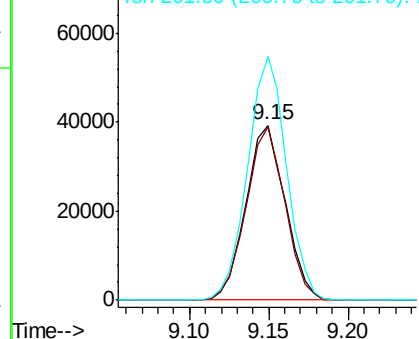


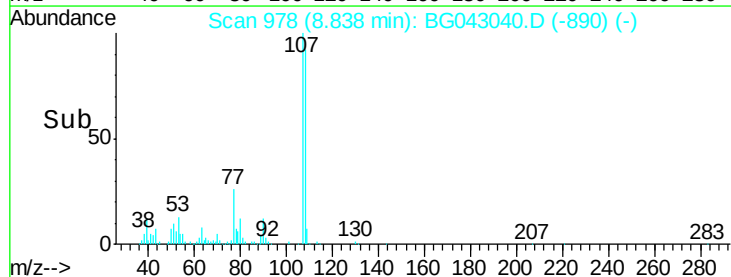
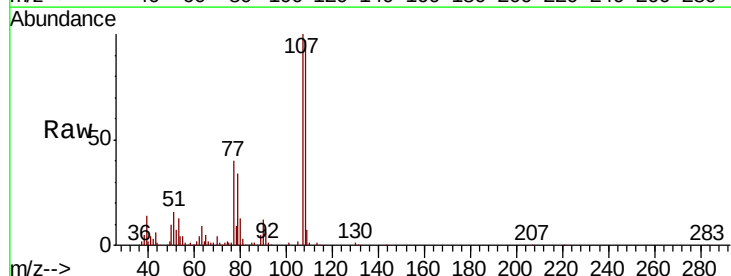
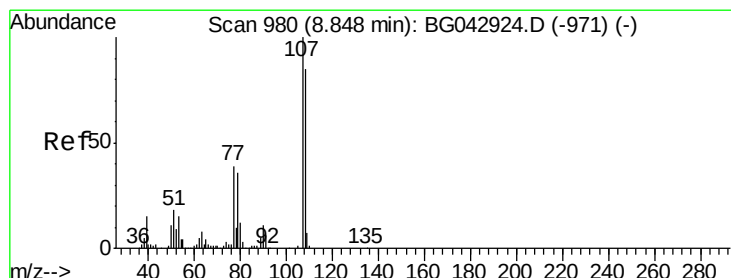
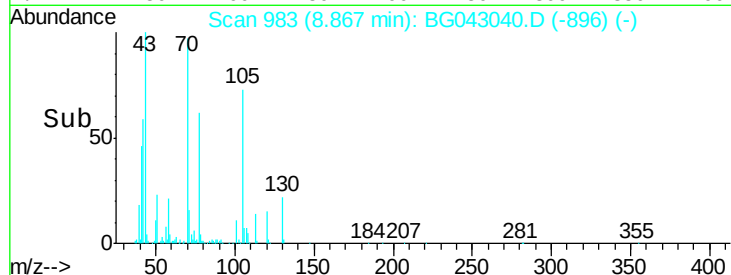
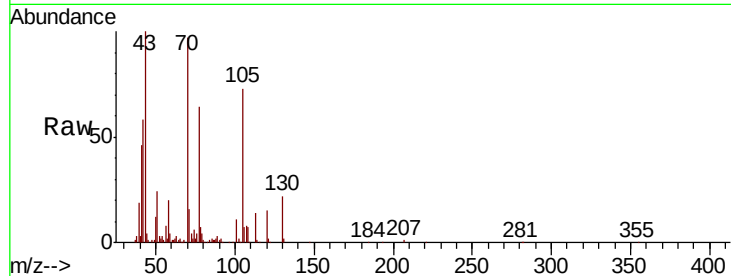
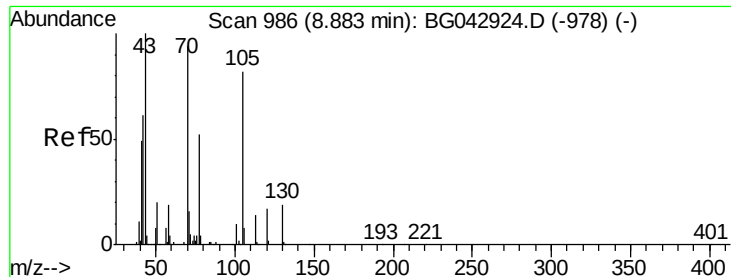
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

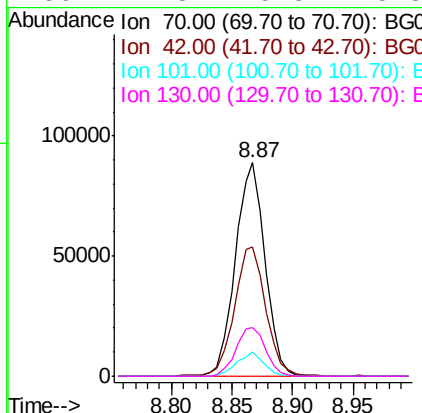
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 35.962 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		151598		
42	60.3	52.6	79.0		
101	11.4	8.7	13.1		
130	22.8	15.8	23.8		



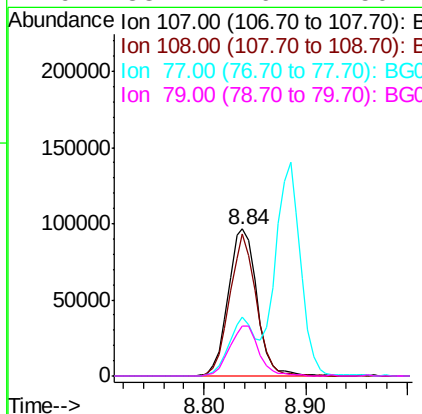
Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

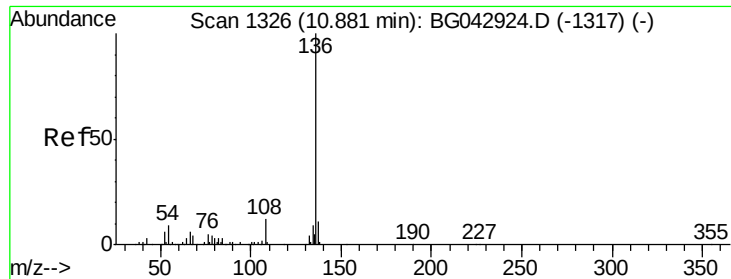
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#20
3+4-Methylphenols
Concen: 33.625 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		189916		
108	97.3	64.9	104.9		
77	39.8	19.4	59.4		
79	33.7	16.2	56.2		





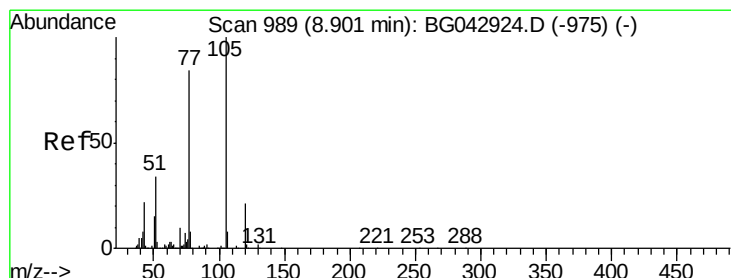
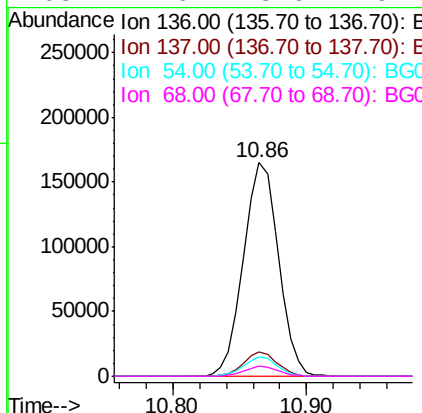
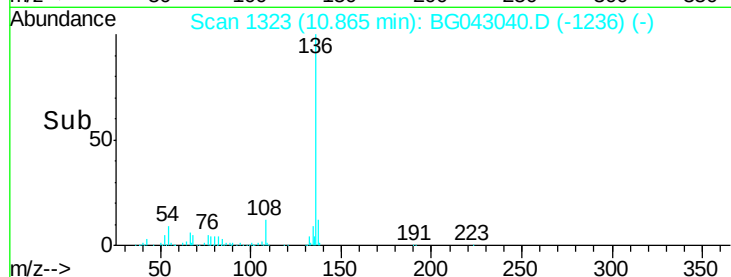
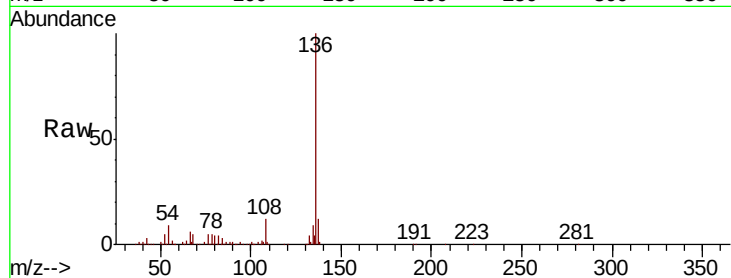
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		298771		
137	11.7		8.5	12.7	
54	9.0		7.4	11.2	
68	4.6		3.6	5.4	

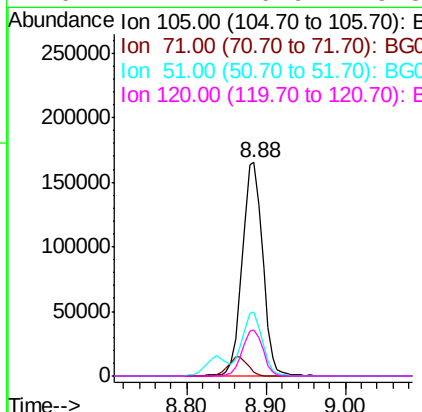
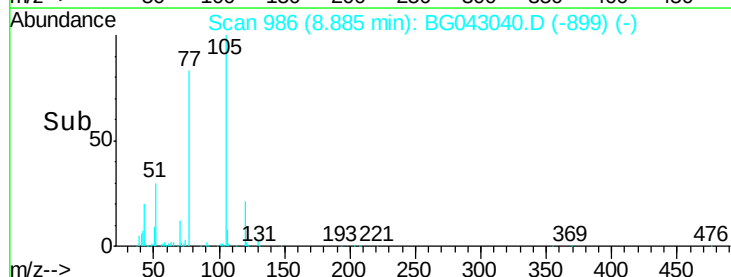
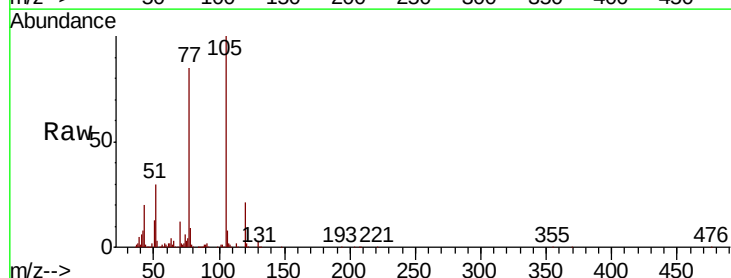
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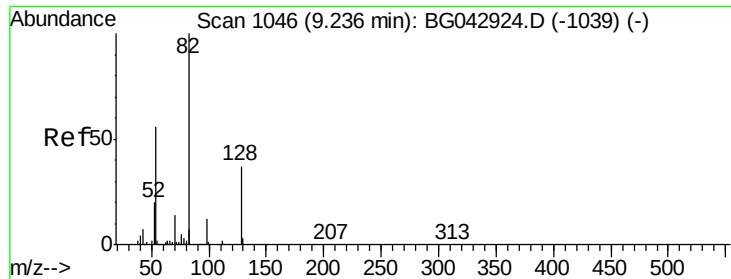
mohammad
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#22
Acetophenone
Concen: 38.546 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		296860		
71	1.7		1.2	1.8	
51	29.9		27.2	40.8	
120	21.4		16.9	25.3	





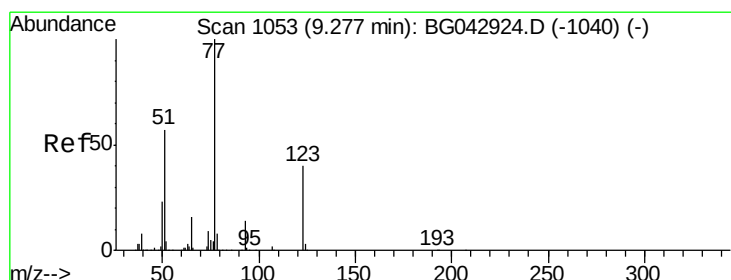
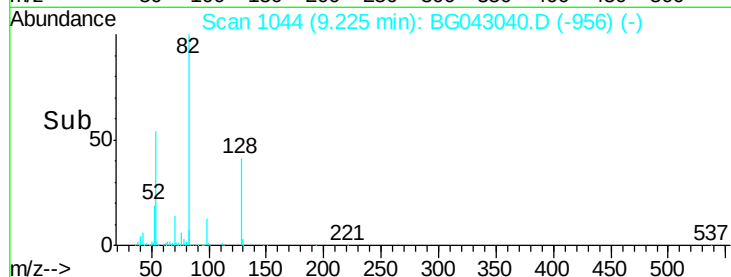
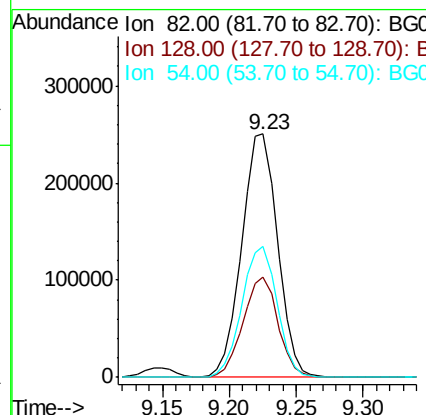
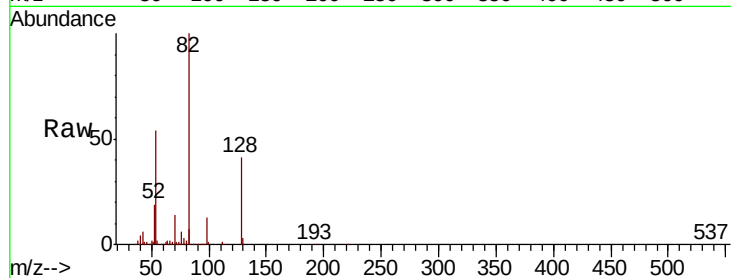
#23
 Nitrobenzene-d5
 Concen: 75.590 ng
 RT: 9.23 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	29.5	44.3
54	53.9	44.6	67.0

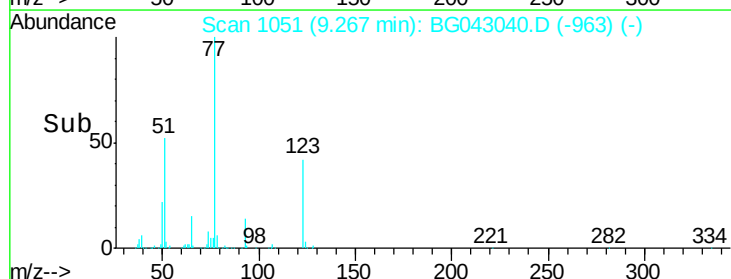
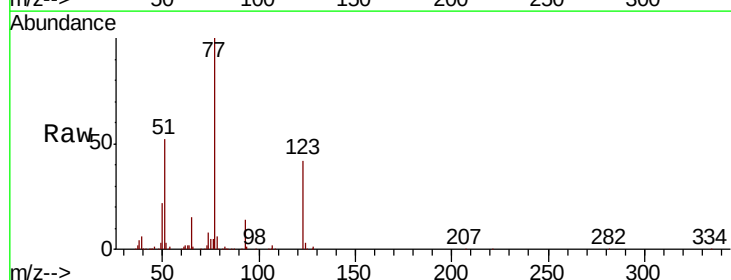
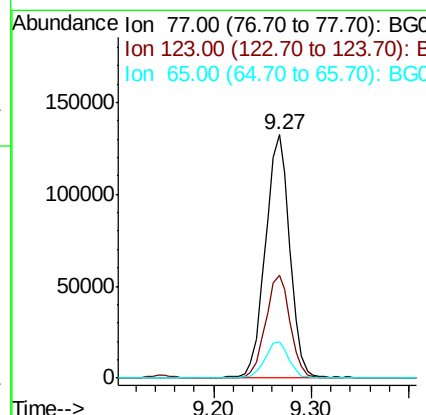
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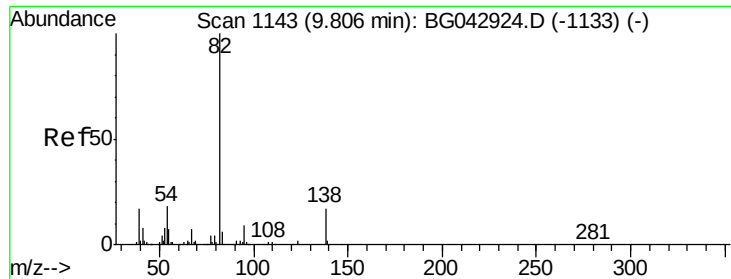
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#24
 Nitrobenzene
 Concen: 39.773 ng
 RT: 9.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.0	31.9	47.9
65	15.2	12.4	18.6





#25

Isophorone

Concen: 40.259 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

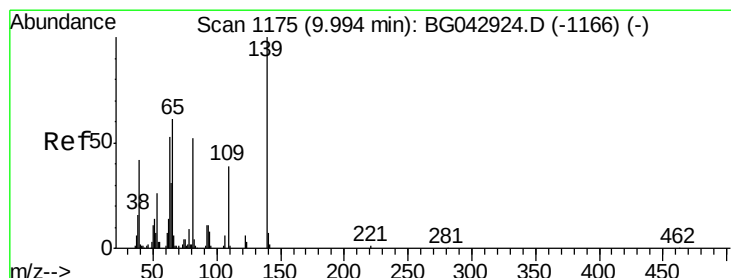
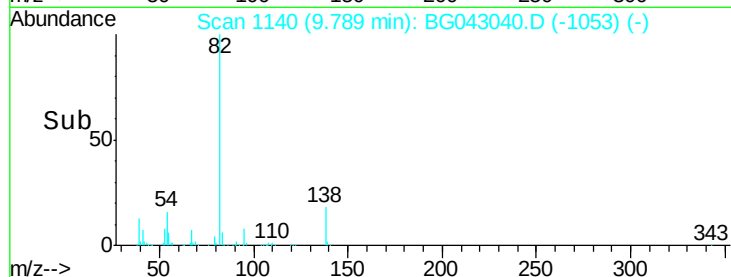
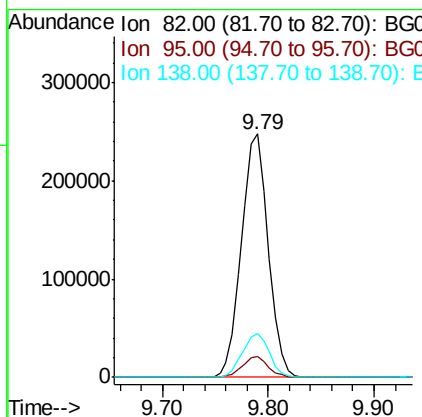
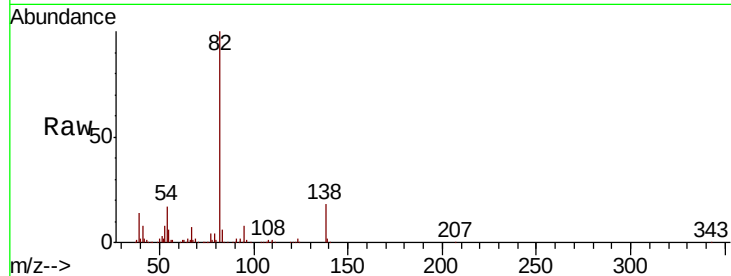
ClientSampleId :

MW-103-IMSD

Tot Ion:	82	Resp:	434688
Ion Ratio		Lower	Upper
82	100		
95	8.4	7.0	10.4
138	18.3	13.8	20.6

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#26

2-Nitrophenol

Concen: 47.410 ng

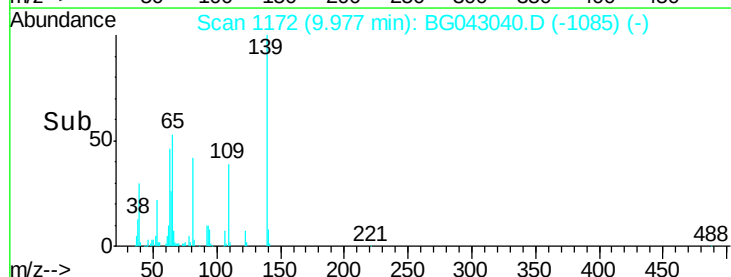
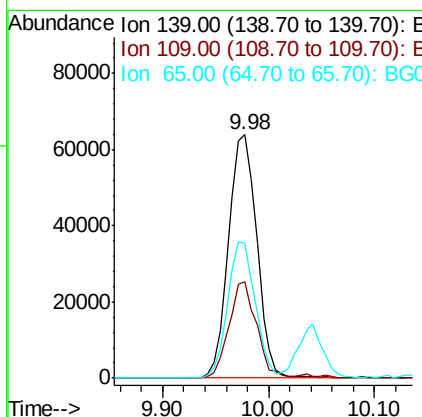
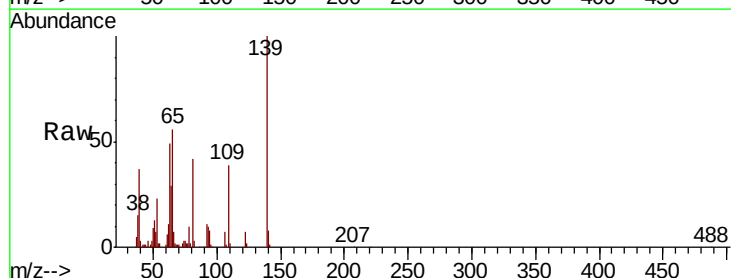
RT: 9.98 min Scan# 1172

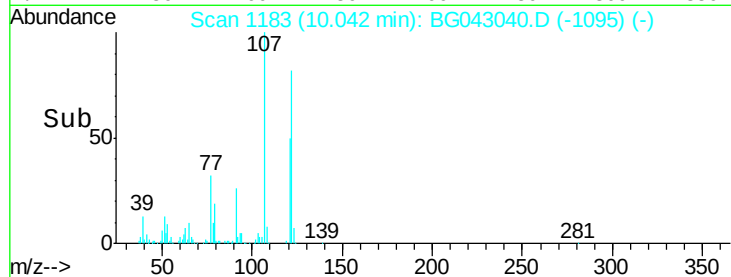
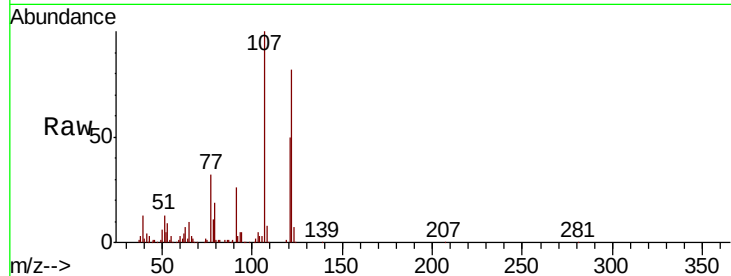
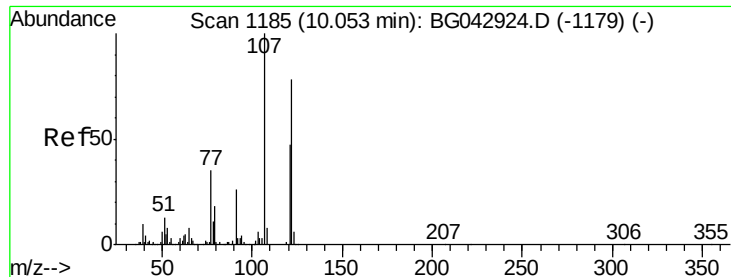
Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:	139	Resp:	118334
Ion Ratio		Lower	Upper
139	100		
109	39.4	31.0	46.6
65	55.5	48.4	72.6





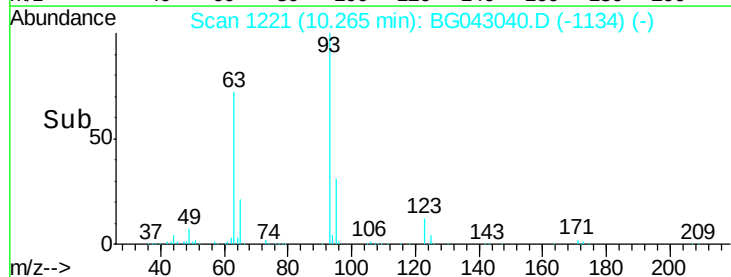
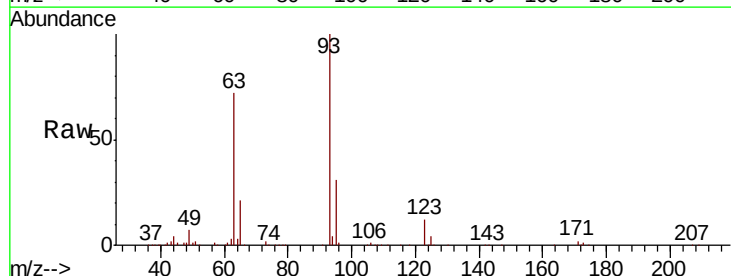
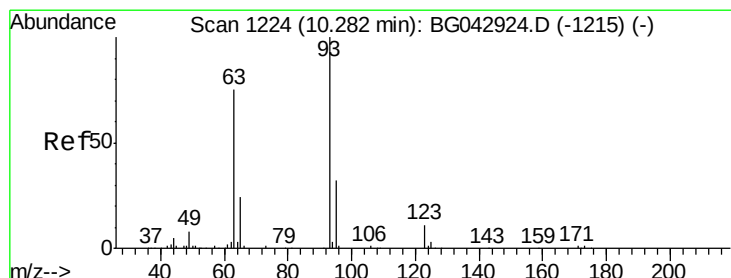
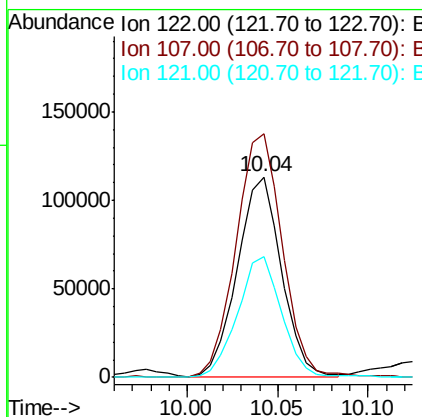
#27
2,4-Dimethylphenol
Concen: 50.042 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tot Ion	Ratio	Resp	Lower	Upper
122	100	191814		
107	121.5	102.2	153.2	
121	60.2	48.5	72.7	

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

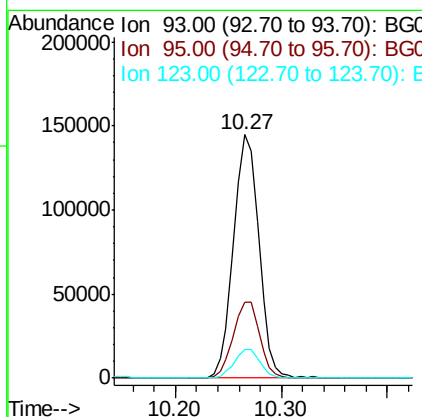
Manual Integrations
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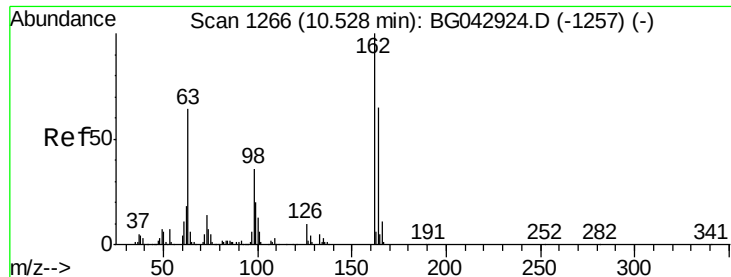
mohammad
10/9/2019 8:31:57 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.307 ng
RT: 10.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	240792		
95	31.2	25.4	38.0	
123	11.5	9.3	13.9	





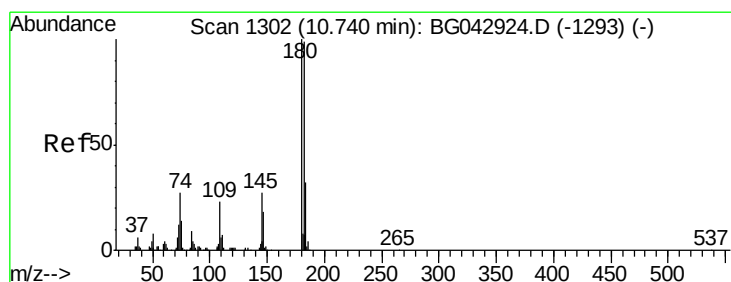
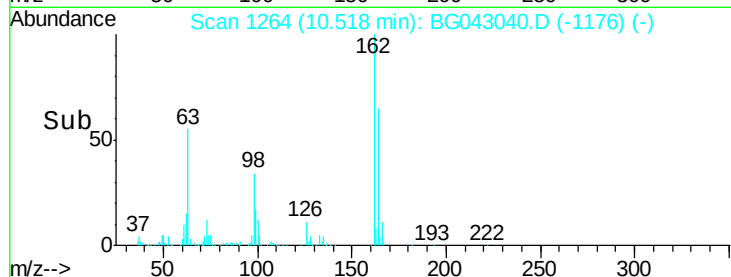
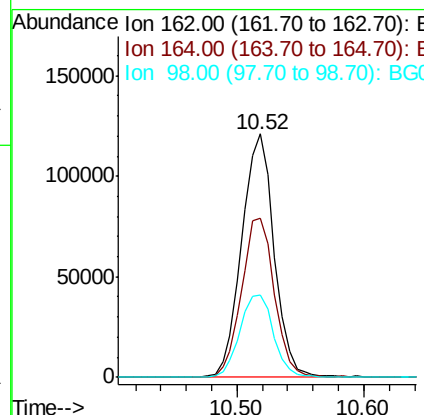
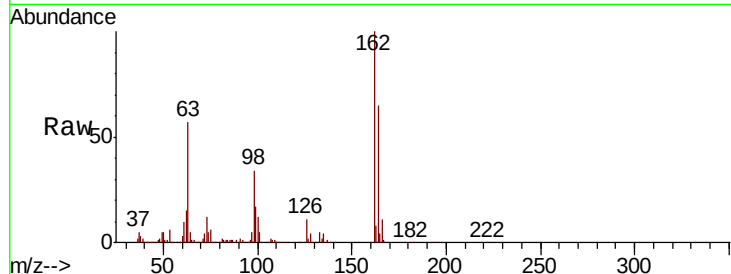
#29
 2,4-Dichlorophenol
 Concen: 45.027 ng
 RT: 10.52 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion:	162	Resp:	214655
Ion Ratio	Lower	Upper	
162	100		
164	65.4	44.7	84.7
98	33.9	16.0	56.0

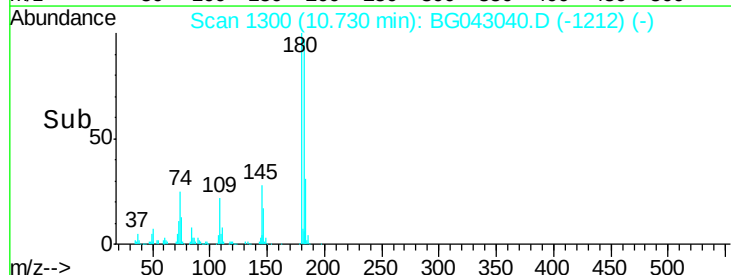
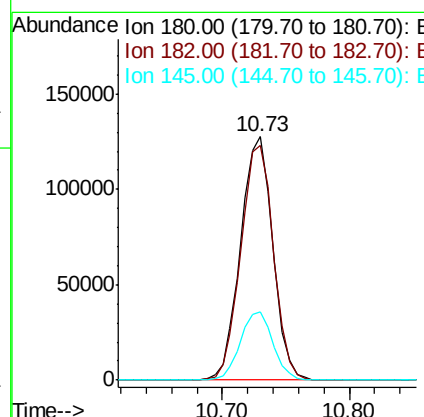
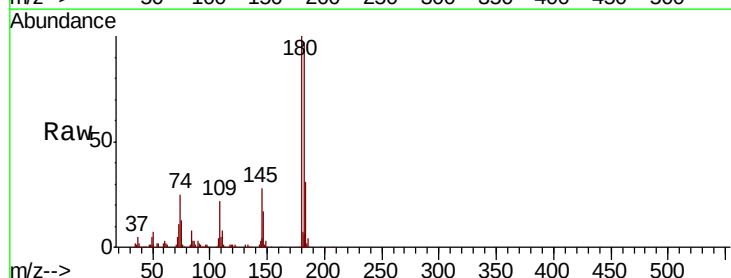
Manual Integrations
 APPROVED

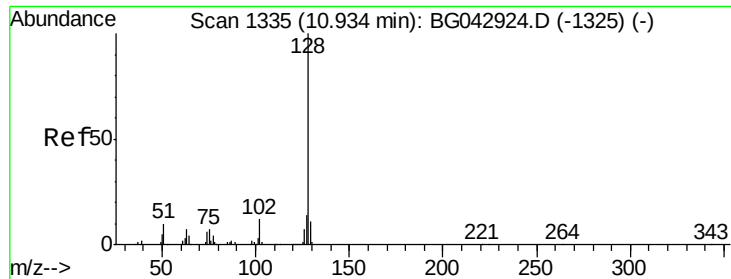
mohammad
 10/9/2019 8:31:57 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.493 ng
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion:	180	Resp:	224659
Ion Ratio	Lower	Upper	
180	100		
182	96.6	79.3	118.9
145	28.0	22.0	33.0





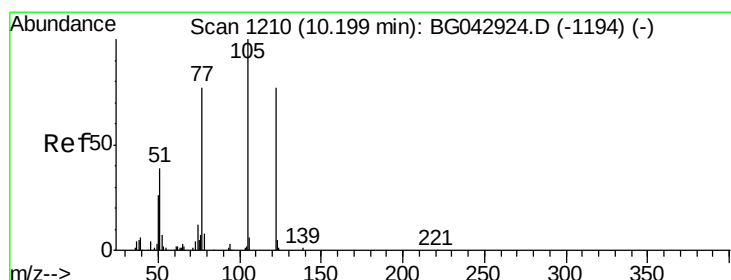
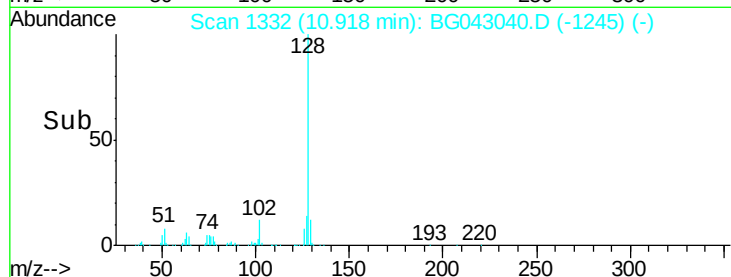
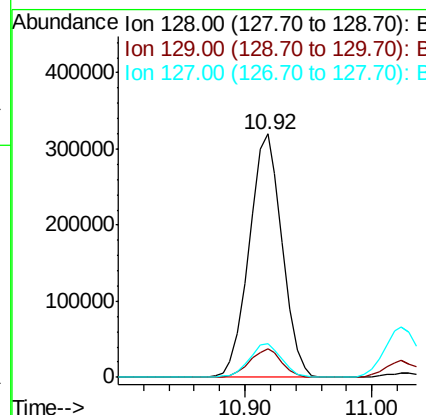
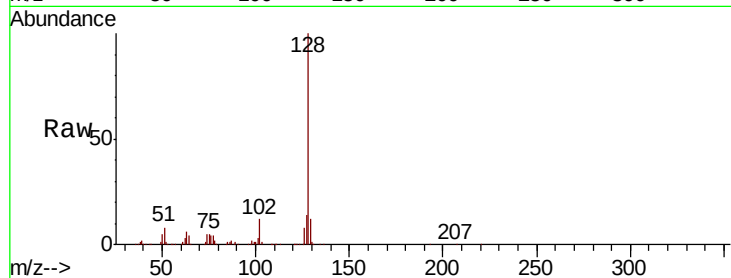
#31
Naphthalene
Concen: 39.076 ng
RT: 10.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	8.8	13.2
127	13.8	11.3	16.9

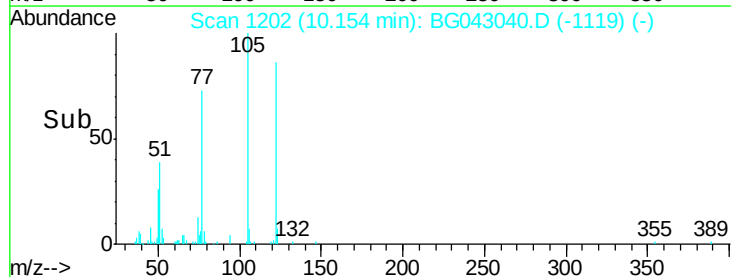
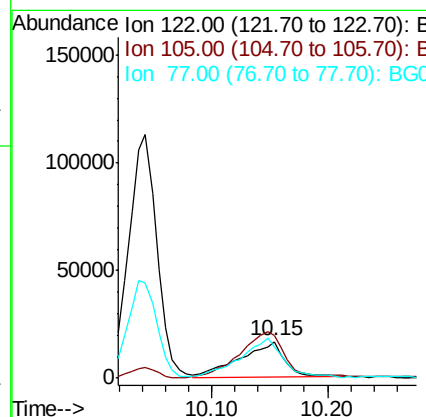
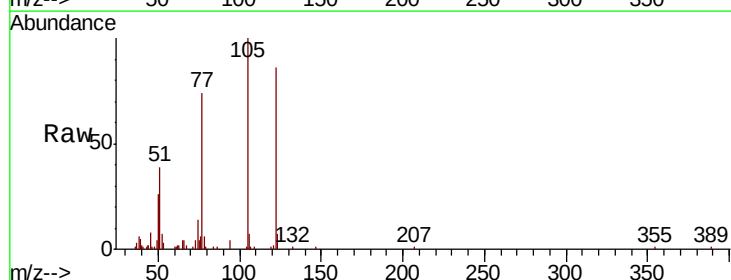
Manual Integrations
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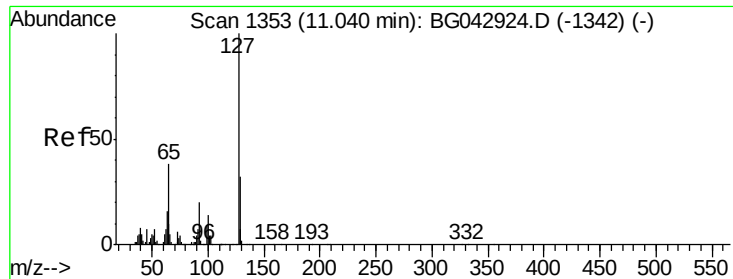
mohammad
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#32
Benzoic acid
Concen: 18.157 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.0	107.5	147.5
77	86.4	79.8	119.8





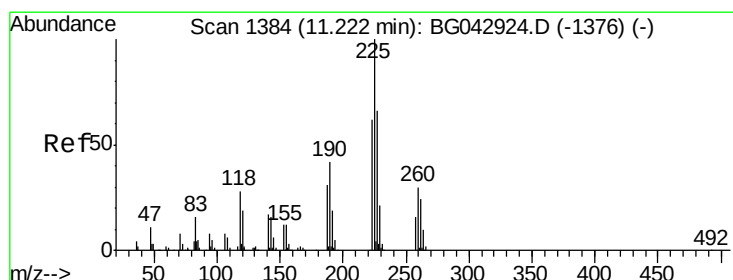
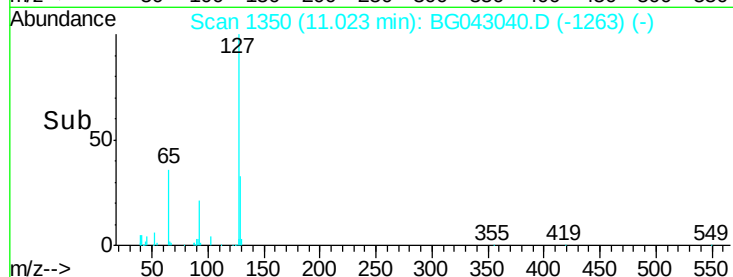
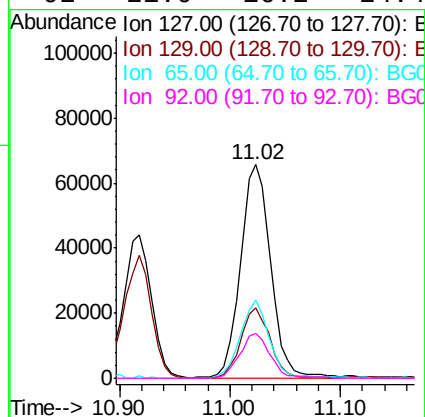
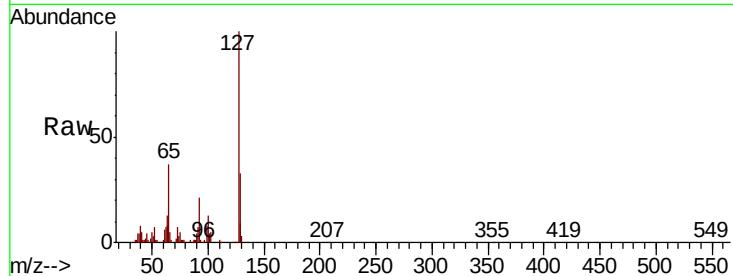
#33
4-Chloroaniline
Concen: 19.672 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampled :
MW-103-IMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.2		
65	36.7	30.6	45.8		
92	21.0	16.2	24.4		

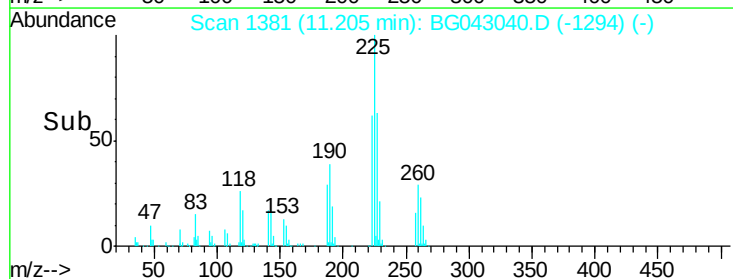
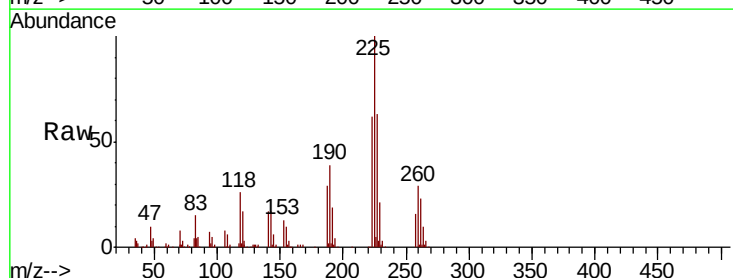
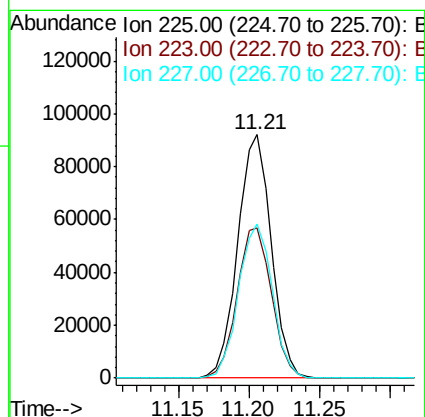
Manual Integrations
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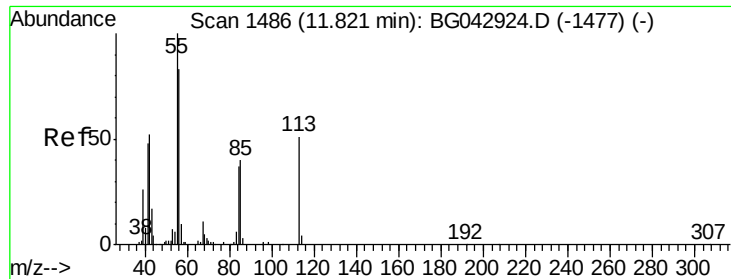
mohammad
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#34
Hexachlorobutadiene
Concen: 33.144 ng
RT: 11.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.7	49.3	73.9		
227	63.5	52.8	79.2		





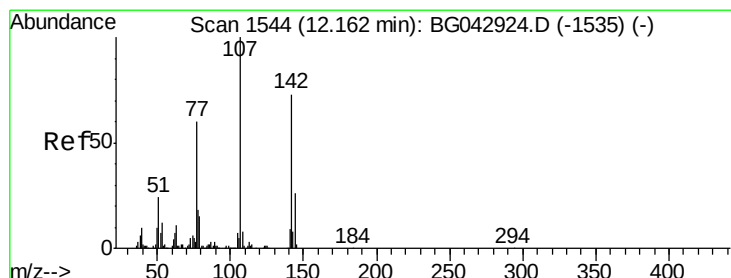
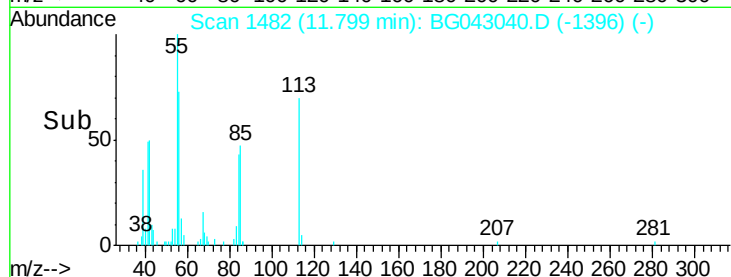
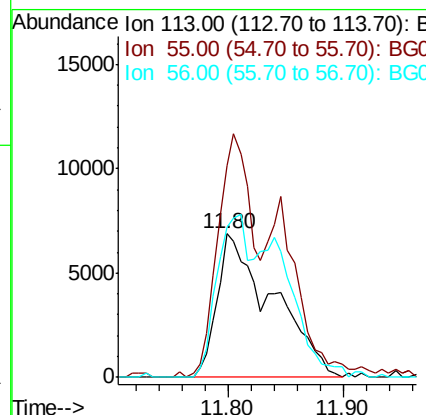
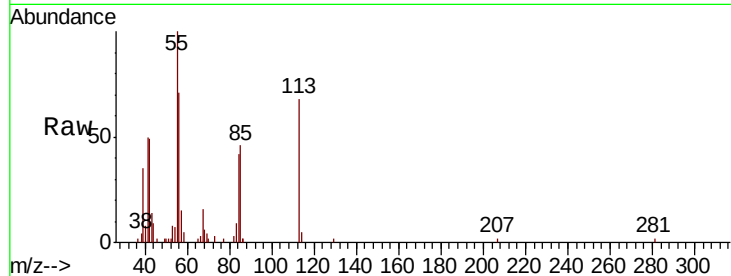
#35
 Caprolactam
 Concen: 13.821 ng/ml
 RT: 11.80 min Scan# 1482
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	147.0	175.5	215.5#
56	104.5	142.3	182.3#

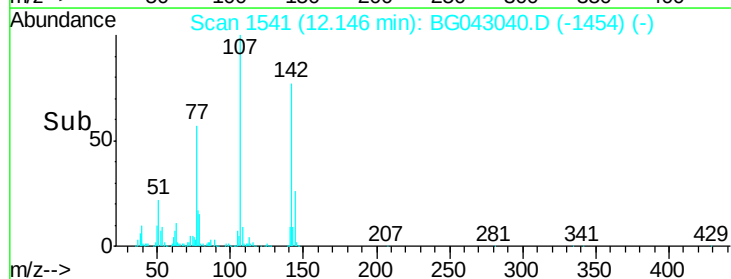
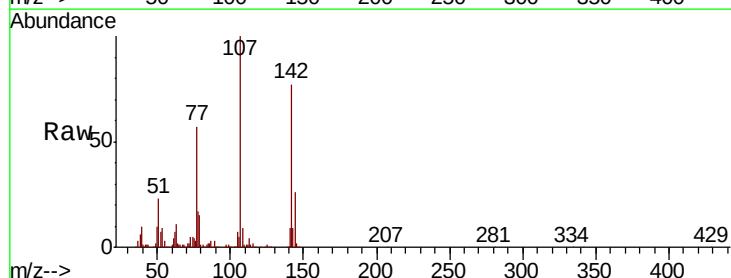
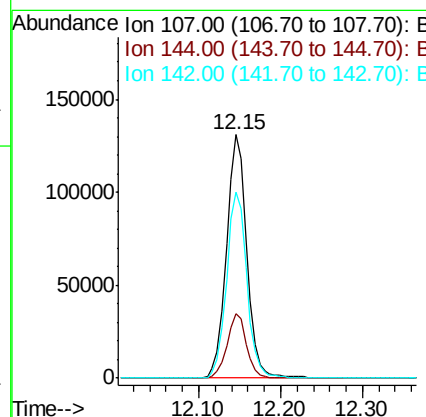
Manual Integrations
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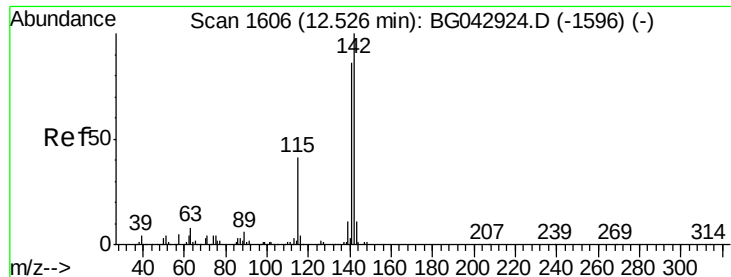
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#36
 4-Chloro-3-methylphenol
 Concen: 43.584 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.7	31.1
142	76.7	58.6	87.8





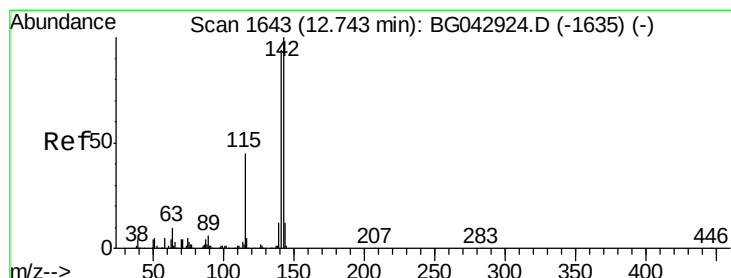
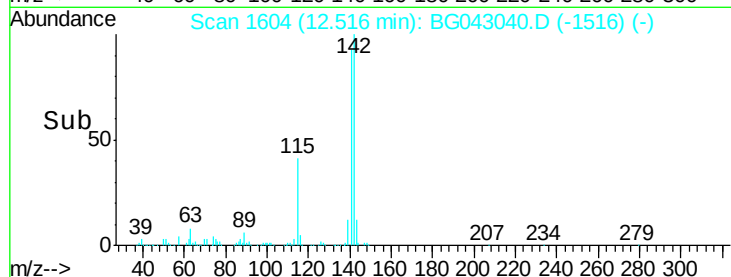
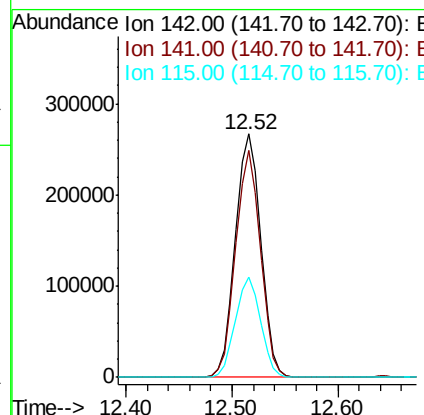
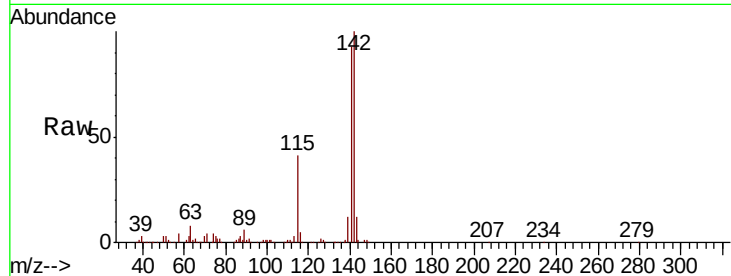
#37
2-Methylnaphthalene
Concen: 39.541 ng
RT: 12.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.0	69.0	103.4
115	41.1	32.8	49.2

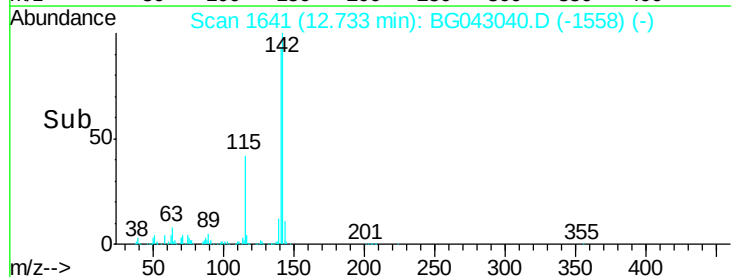
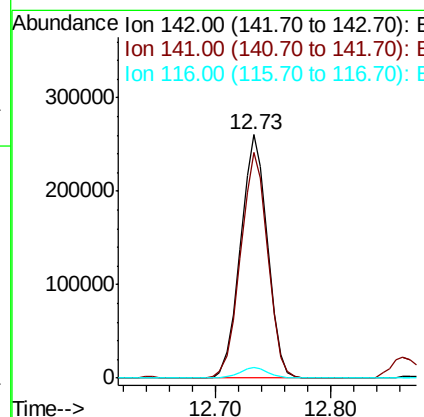
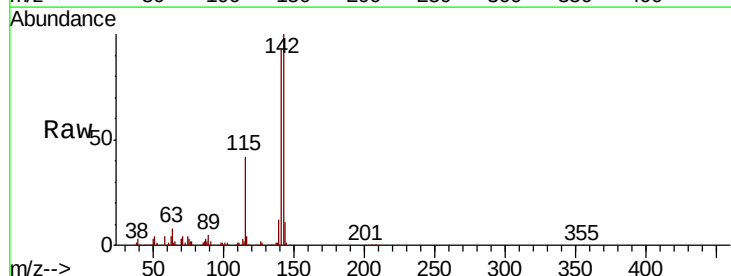
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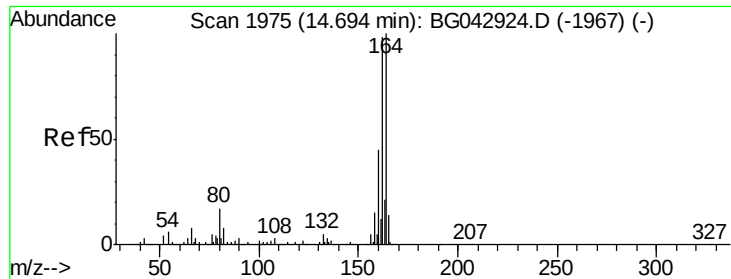
mohammad
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#38
1-Methylnaphthalene
Concen: 39.528 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3
116	4.2	3.7	5.5





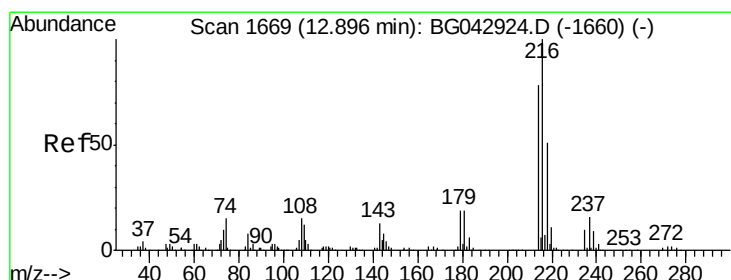
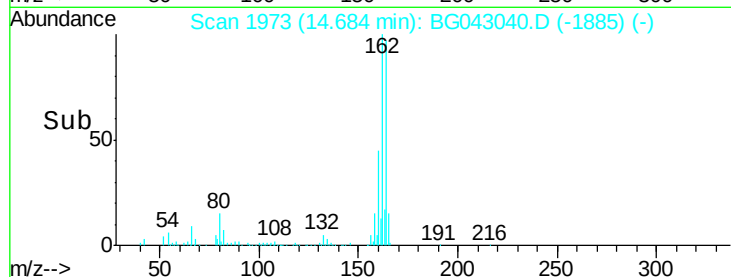
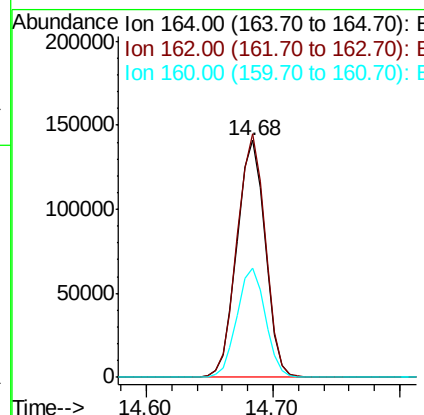
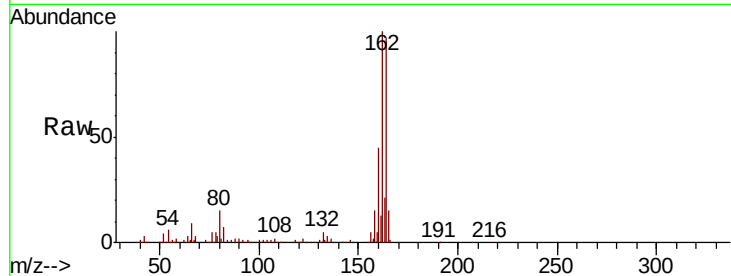
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	78.5	117.7
160	46.1	35.9	53.9

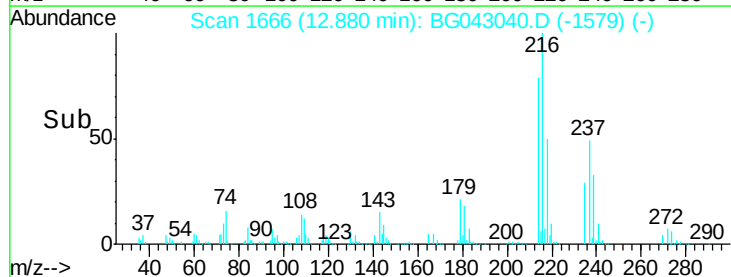
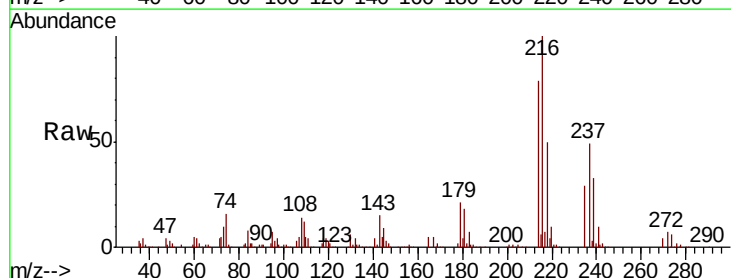
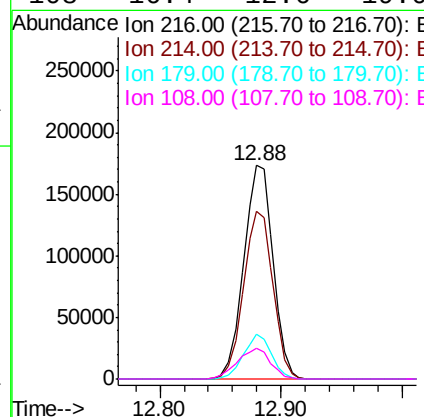
Manual Integrations
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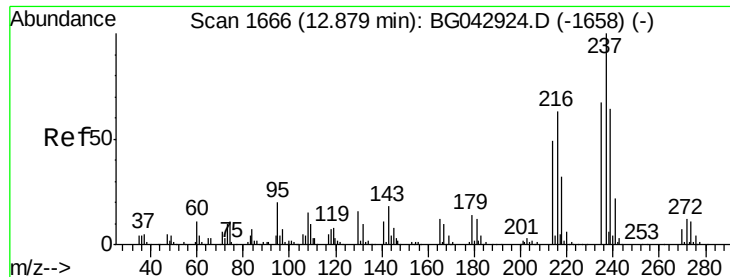
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.897 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	19.8	15.4	23.2
108	16.4	12.6	19.0





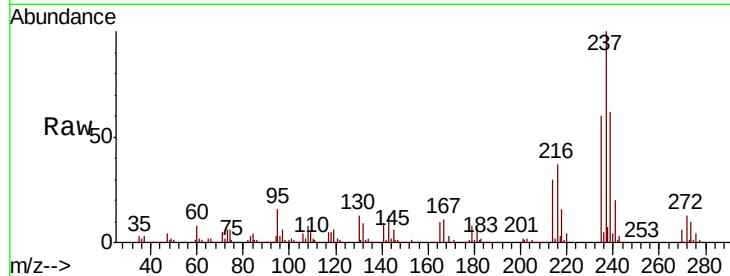
#41
Hexachlorocyclopentadiene
Concen: 71.316 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	371823		
235	60.4	46.7	86.7	
272	13.2	0.0	32.3	

Manual Integrations
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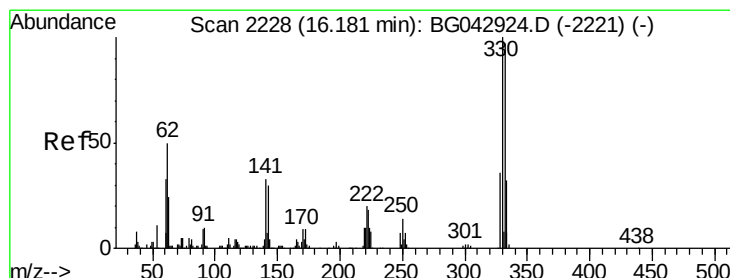
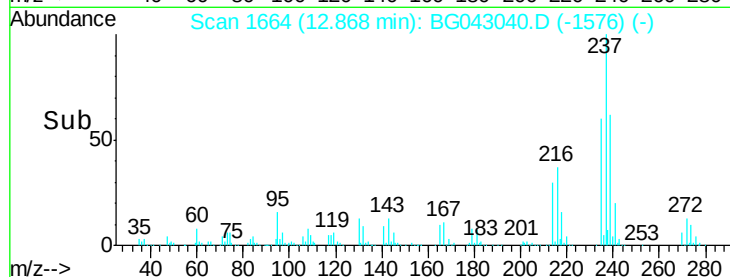
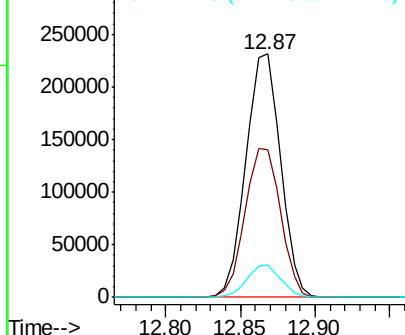


Abundance

Ion 236.80 (236.50 to 237.50): E

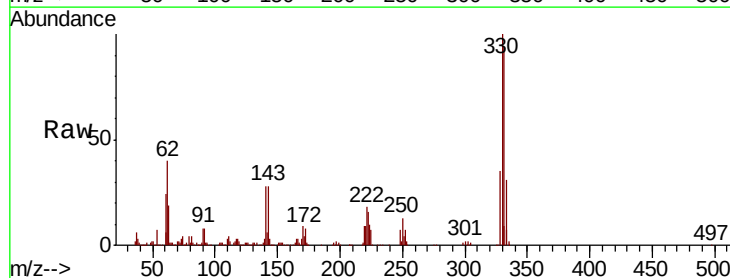
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 115.163 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	430977		
332	95.9	78.2	117.2	
141	29.0	26.0	39.0	

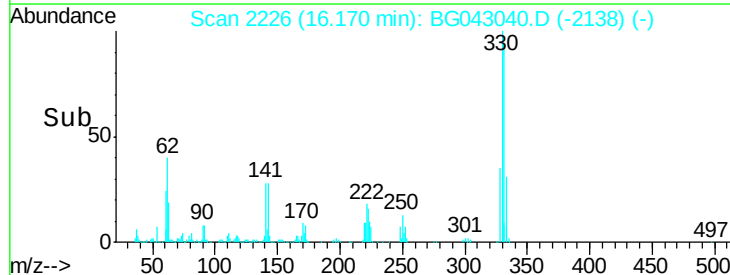
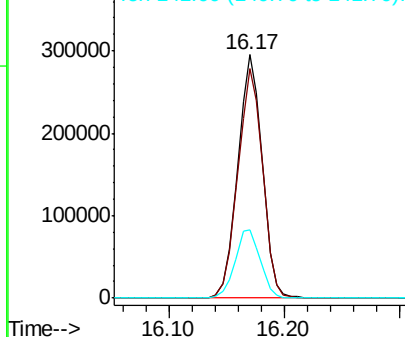


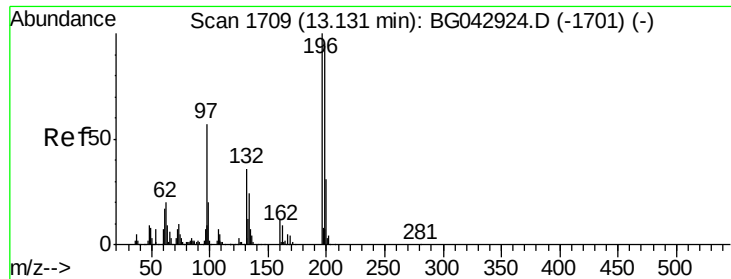
Abundance

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





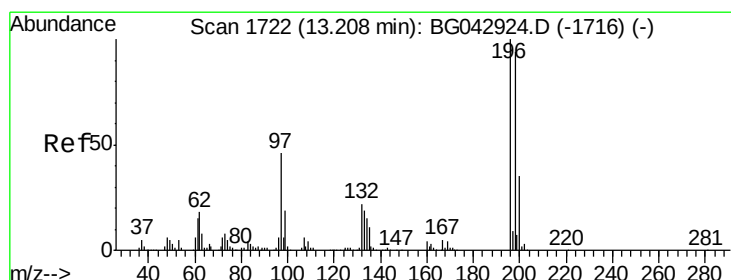
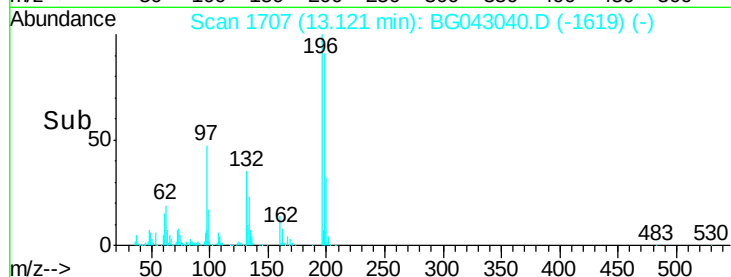
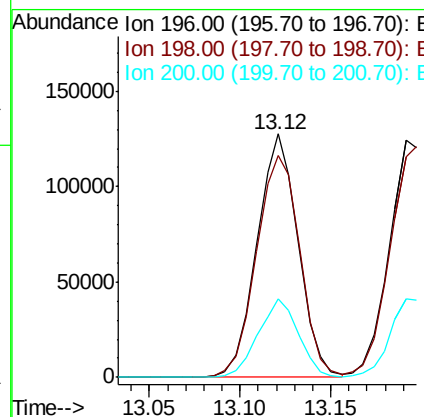
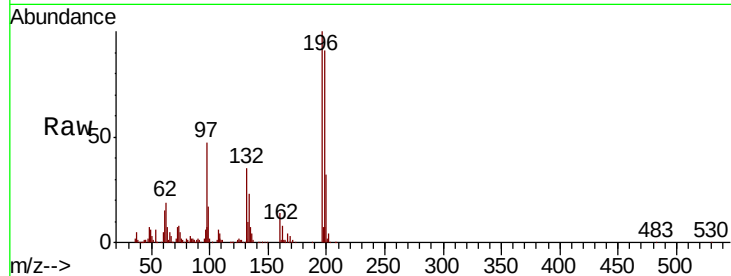
#43
 2,4,6-Trichlorophenol
 Concen: 41.793 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	200164		
198	91.0	75.5	113.3	
200	32.3	24.9	37.3	

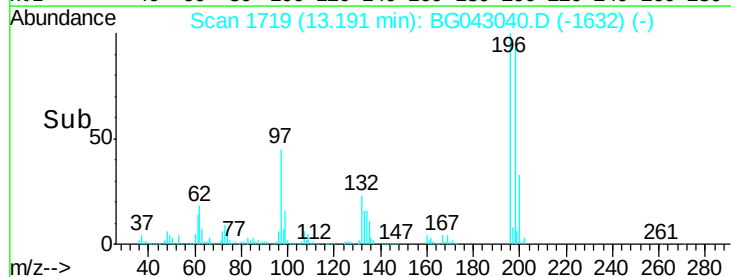
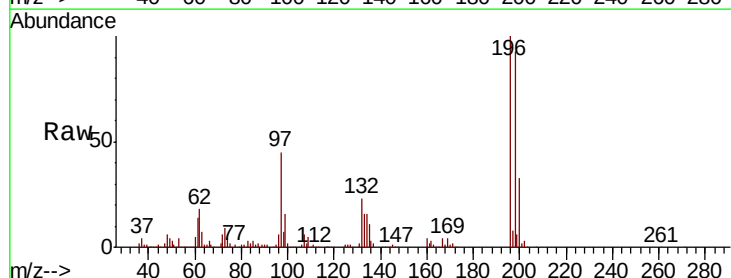
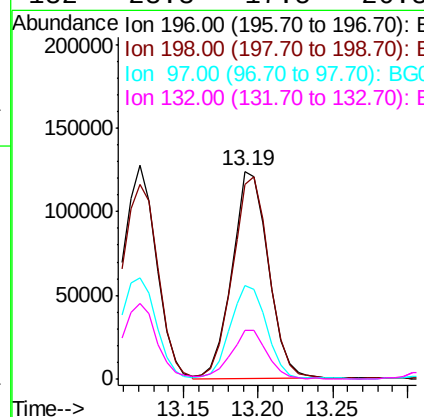
Manual Integrations
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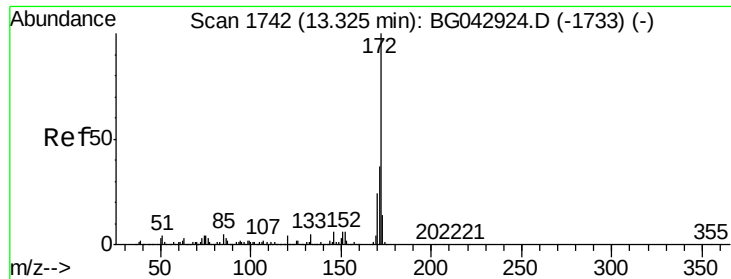
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.601 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	210187		
198	93.3	75.1	112.7	
97	44.8	37.0	55.4	
132	23.3	17.5	26.3	





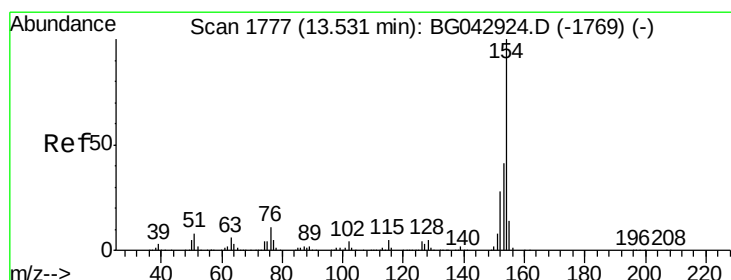
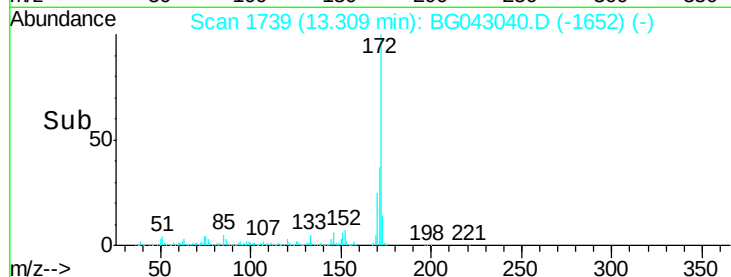
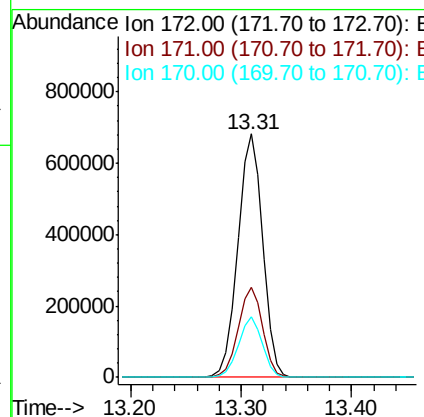
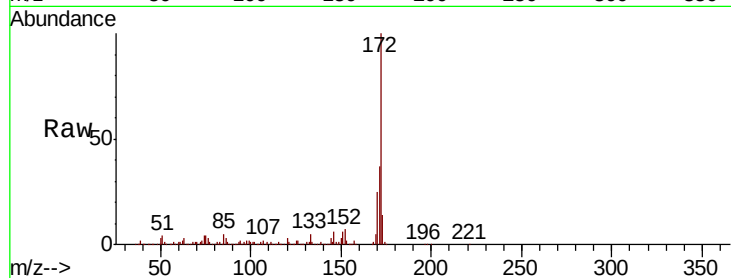
#45
2-Fluorobiphenyl
Concen: 71.435 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.6	44.4
170	25.0	19.6	29.4

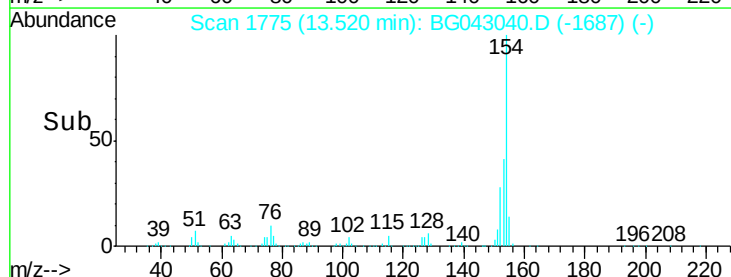
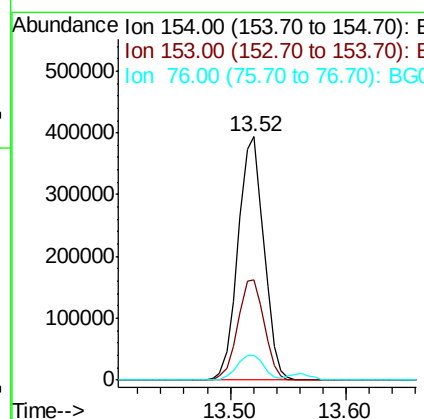
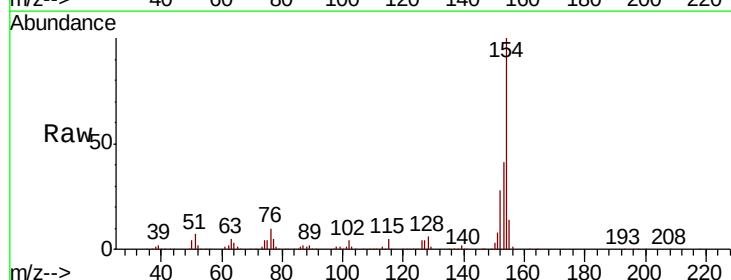
Manual Integrations
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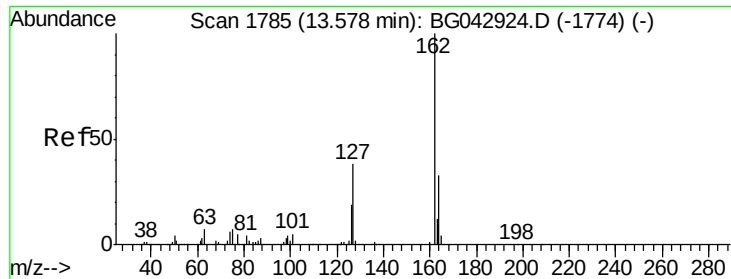
mohammad
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#46
1,1'-Biphenyl
Concen: 36.881 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	10.3	0.0	31.3





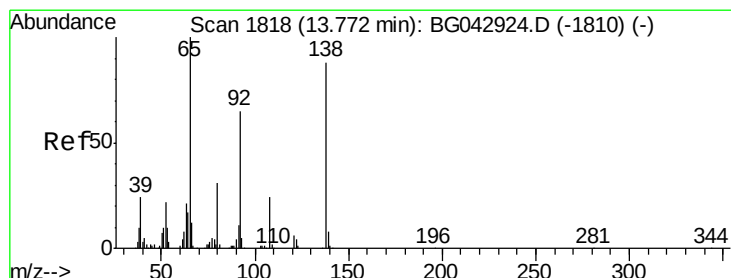
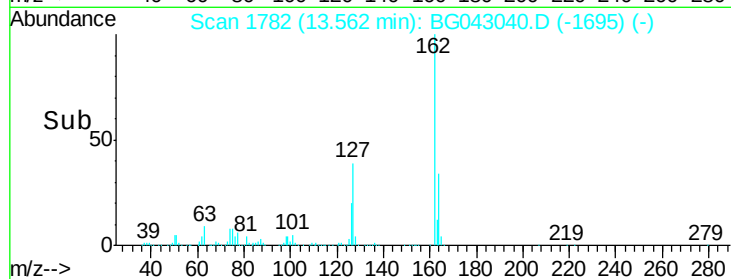
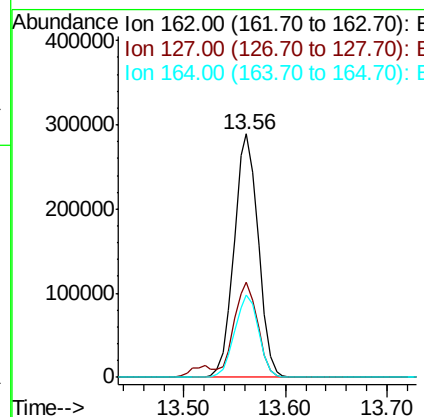
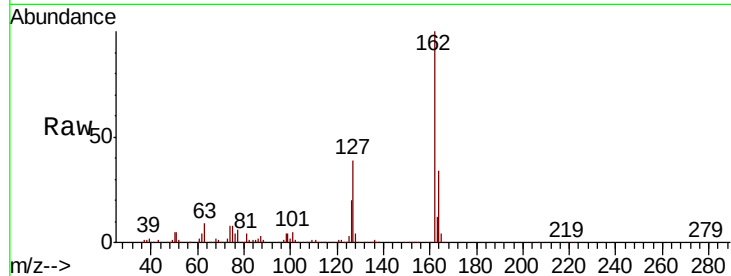
#47
 2-Chloronaphthalene
 Concen: 38.432 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion:	162	Resp:	475551
Ion Ratio	Lower	Upper	
162	100		
127	38.9	31.0	46.6
164	33.9	26.2	39.2

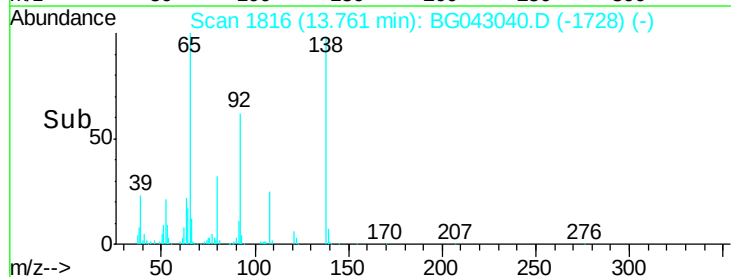
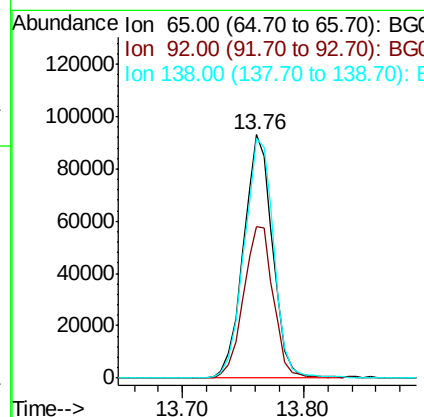
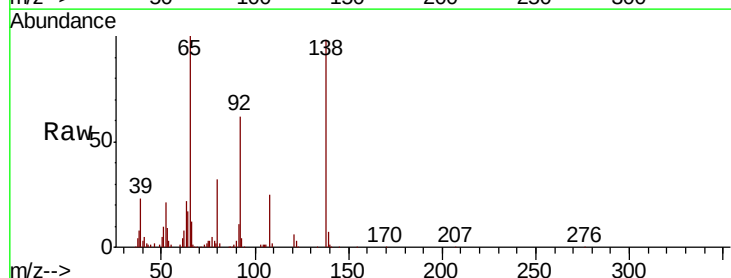
Manual Integrations
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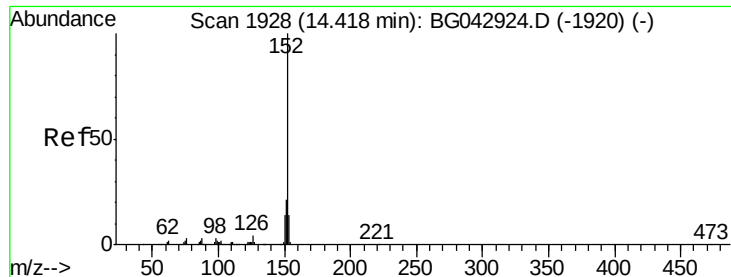
mohammad
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#48
 2-Nitroaniline
 Concen: 37.919 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion:	65	Resp:	156031
Ion Ratio	Lower	Upper	
65	100		
92	62.0	52.0	78.0
138	98.3	70.4	105.6





#49

Acenaphthylene

Concen: 39.790 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

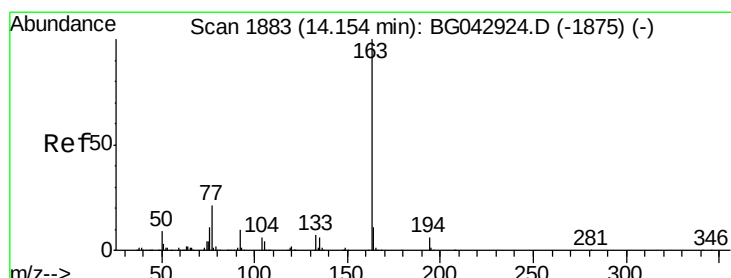
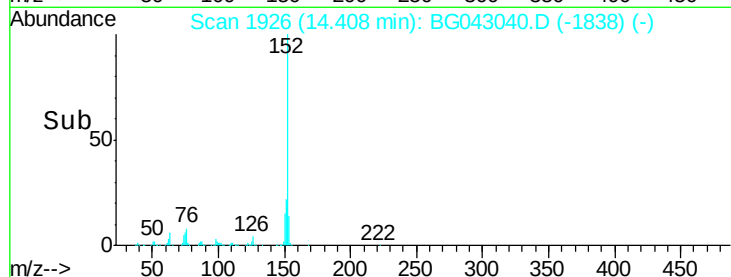
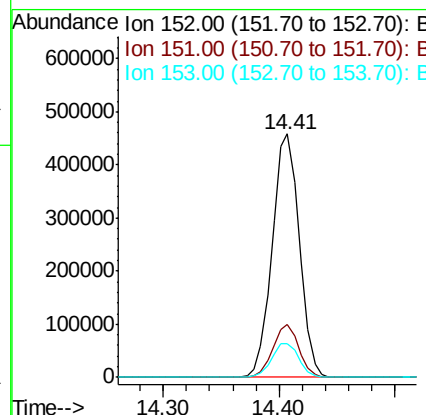
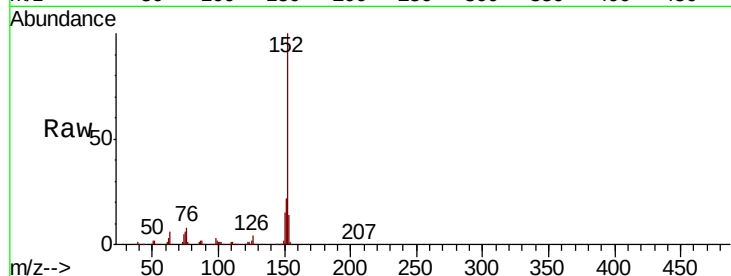
ClientSampleId :

MW-103-IMSD

Tot Ion:	152	Resp:	753382
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.8	25.2
153	13.9	11.3	16.9

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#50

Dimethylphthalate

Concen: 49.219 ng

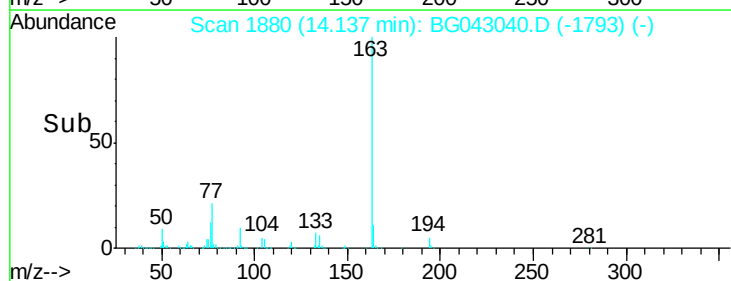
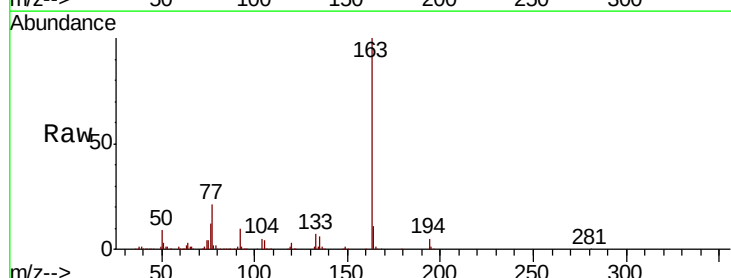
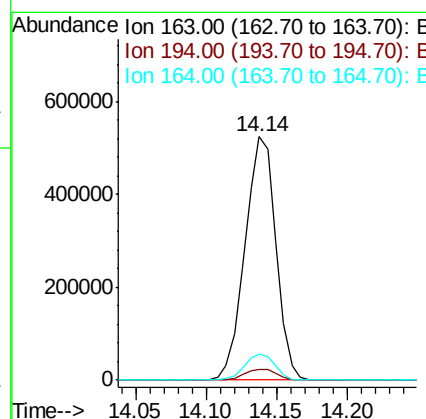
RT: 14.14 min Scan# 1880

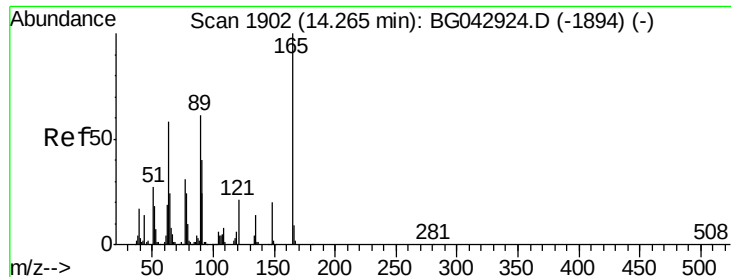
Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:	163	Resp:	802587
Ion Ratio	Lower	Upper	
163	100		
194	4.6	4.4	6.6
164	10.9	8.6	12.8





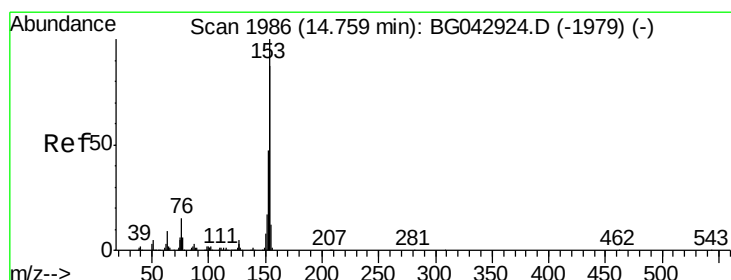
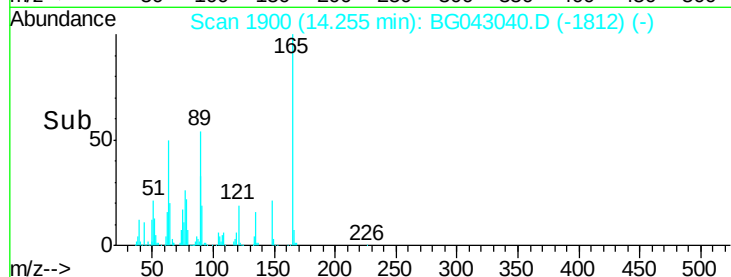
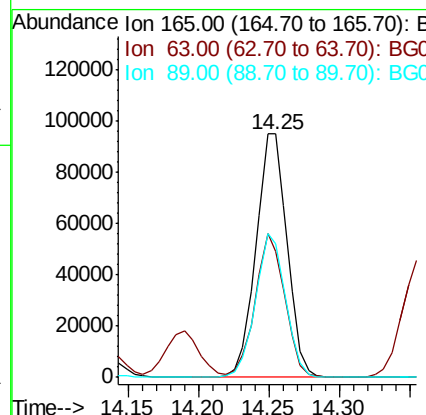
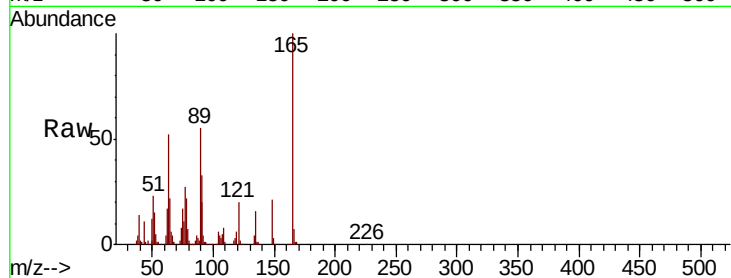
#51
 2,6-Dinitrotoluene
 Concen: 42.267 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.8	50.3	75.5
89	54.6	48.9	73.3

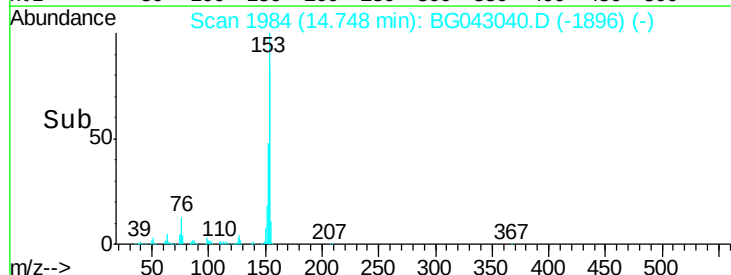
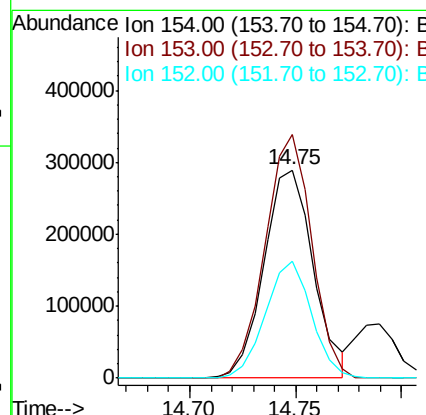
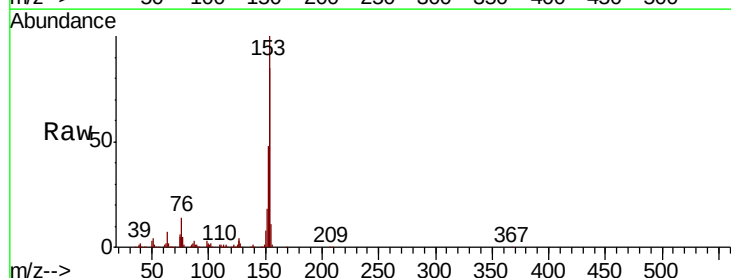
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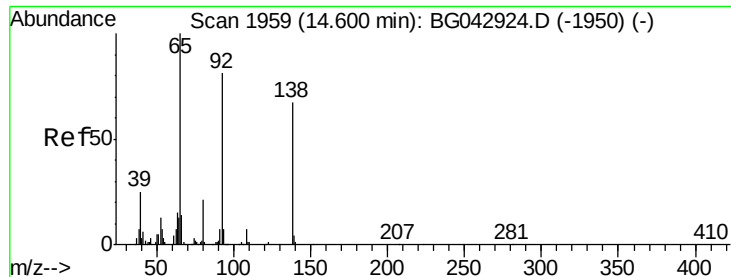
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#52
 Acenaphthene
 Concen: 37.071 ng
 RT: 14.75 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	91.4	137.0
152	56.4	42.8	64.2





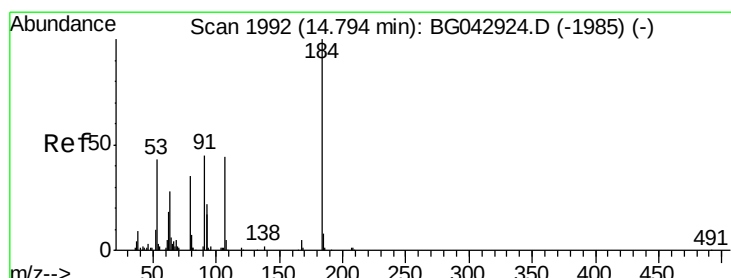
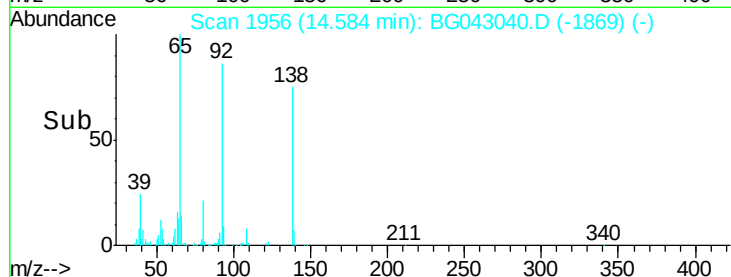
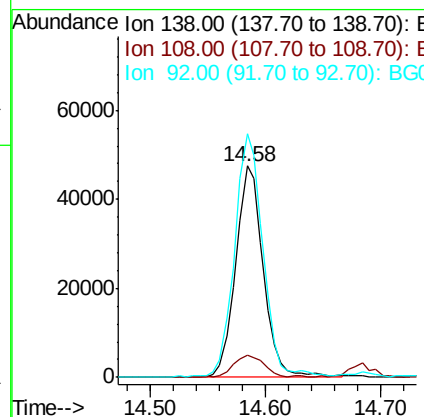
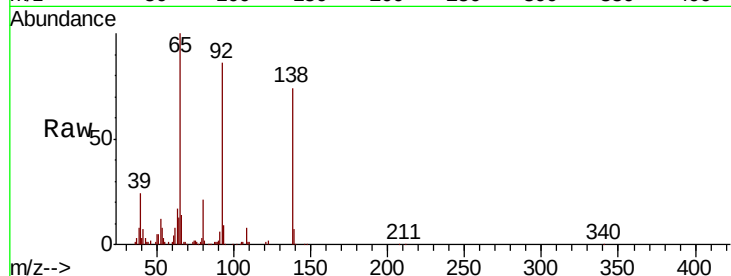
#53
3-Nitroaniline
Concen: 21.911 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.9	11.9
92	115.3	97.0	145.6

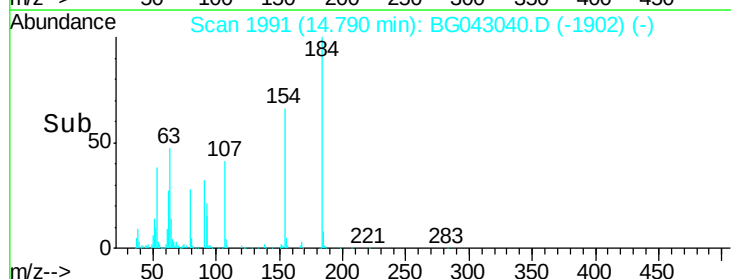
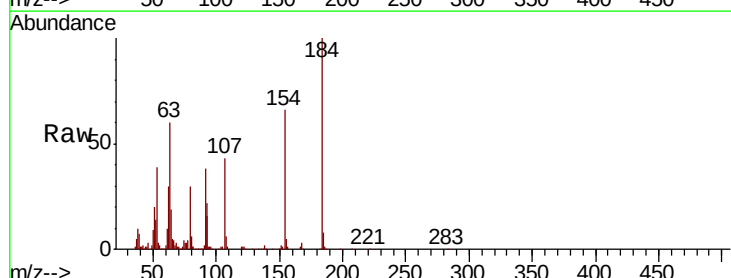
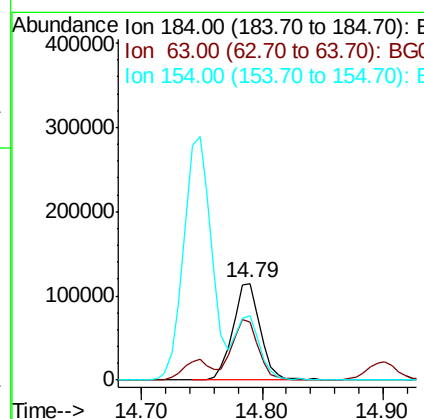
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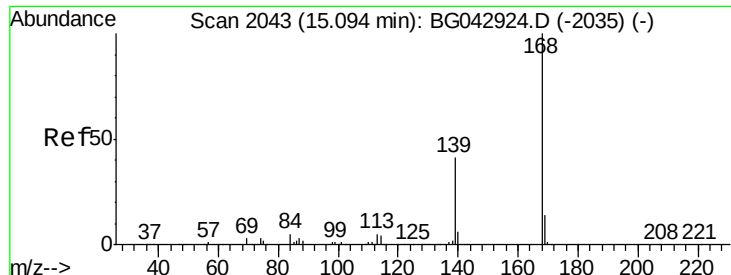
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#54
2,4-Dinitrophenol
Concen: 84.727 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	55.0	82.6
154	66.1	56.5	84.7





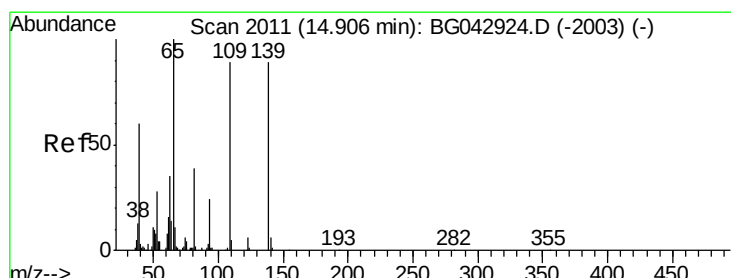
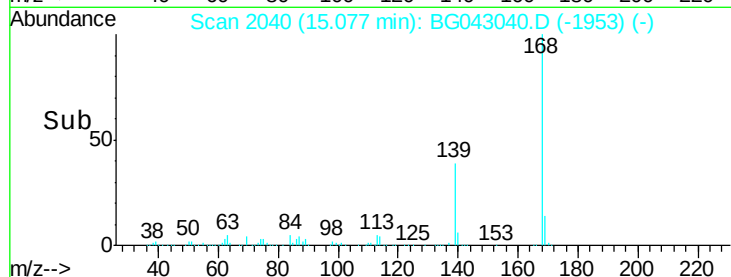
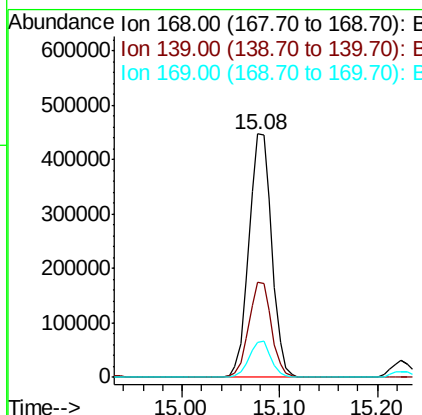
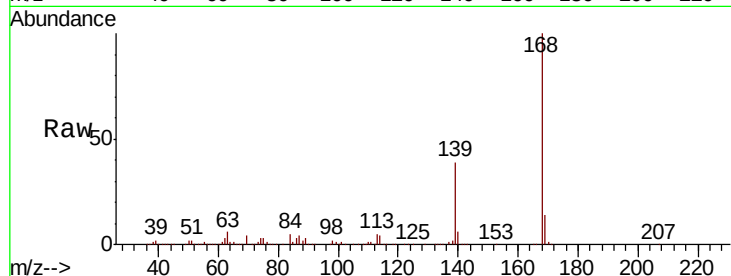
#55
Dibenzenofuran
Concen: 39.189 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	32.6	48.8
169	14.4	11.2	16.8

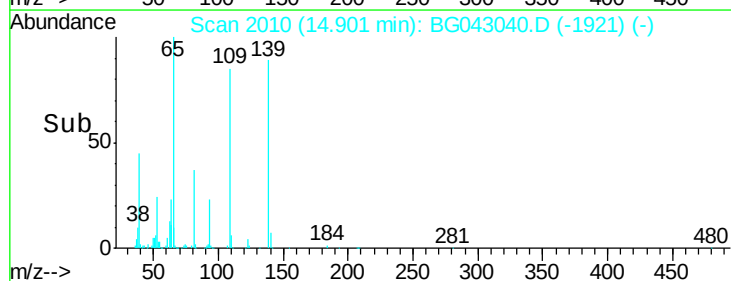
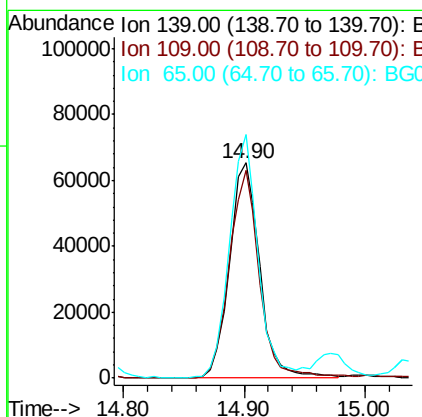
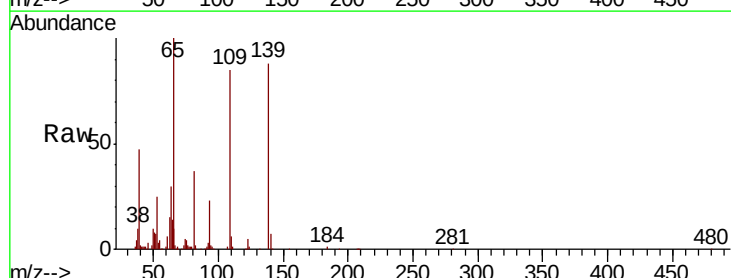
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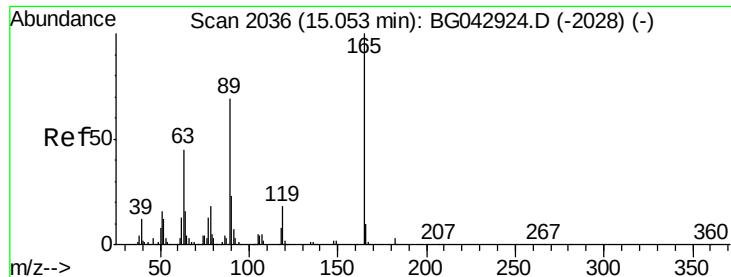
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#56
4-Nitrophenol
Concen: 41.694 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.2	79.4	119.4
65	113.1	92.5	132.5





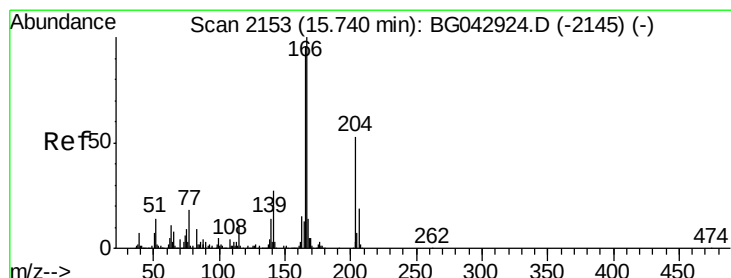
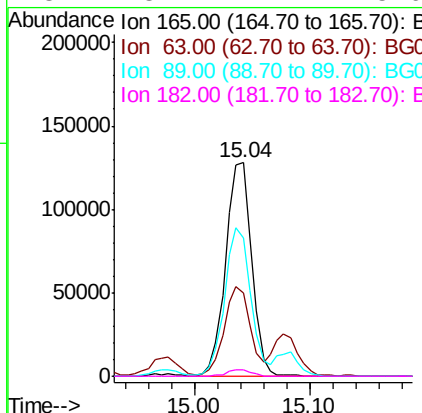
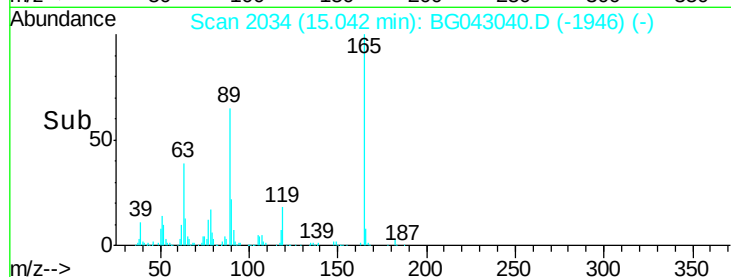
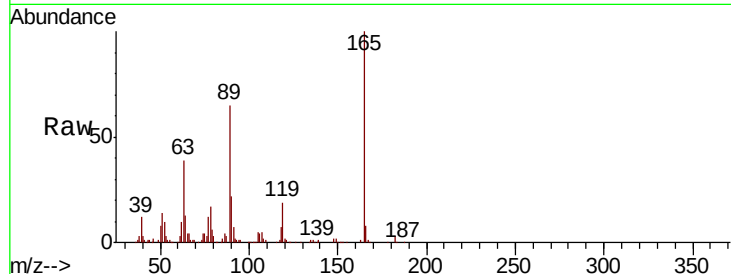
#57
2,4-Dinitrotoluene
Concen: 39.380 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		200257		
63	39.1	36.5	54.7		
89	64.8	55.5	83.3		
182	3.2	2.4	3.6		

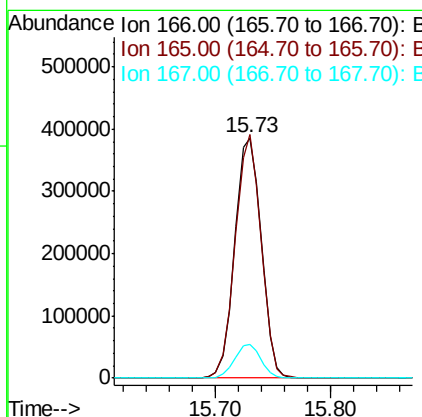
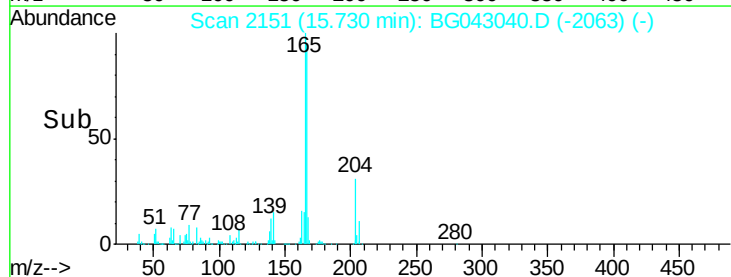
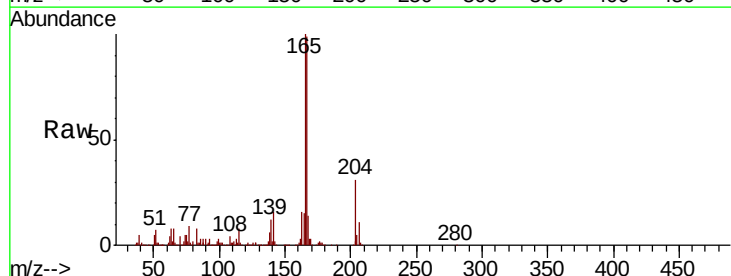
Manual Integrations
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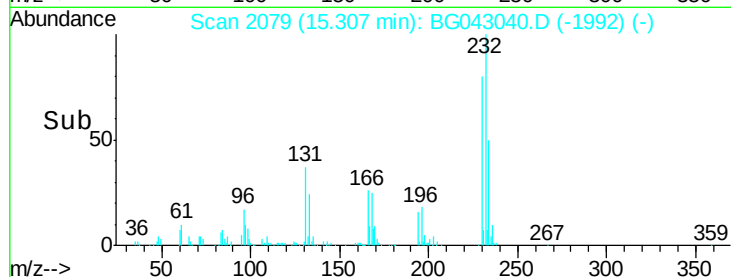
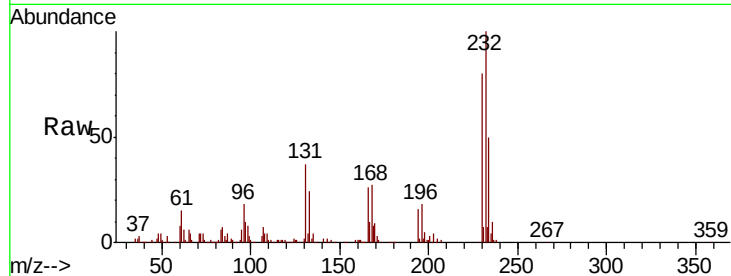
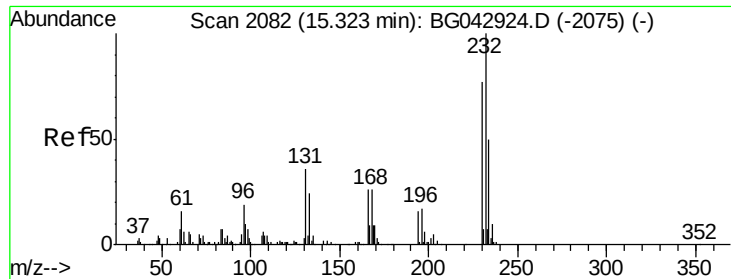
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#58
Fluorene
Concen: 38.277 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		612658		
165	101.5	77.1	115.7		
167	14.3	11.0	16.6		





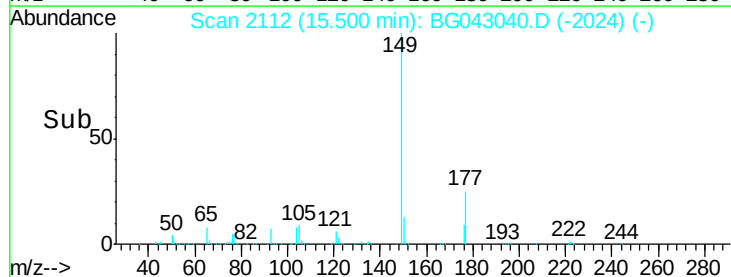
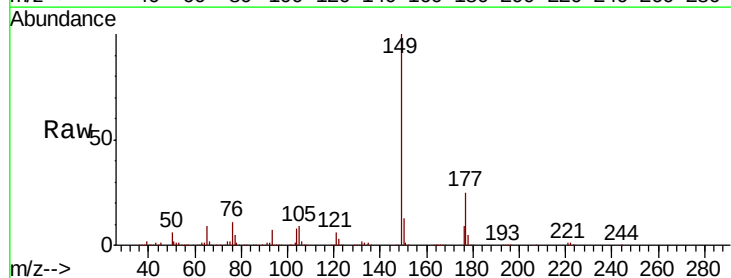
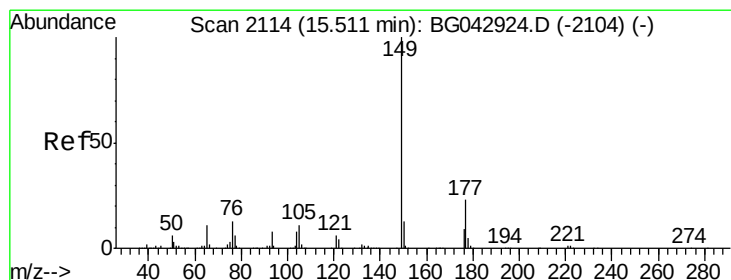
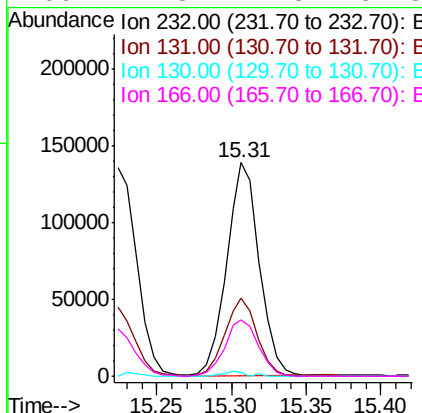
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.015 ng
RT: 15.31 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	35.8	29.6	44.4		
130	1.7	1.9	2.9		
166	27.3	21.8	32.8		

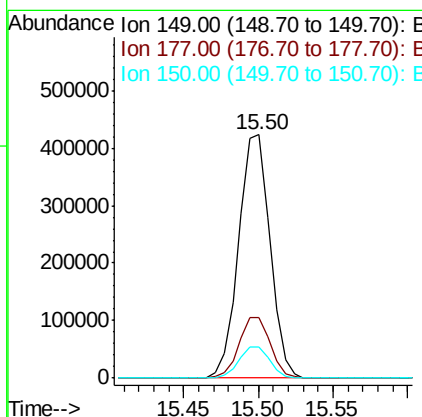
Manual Integrations
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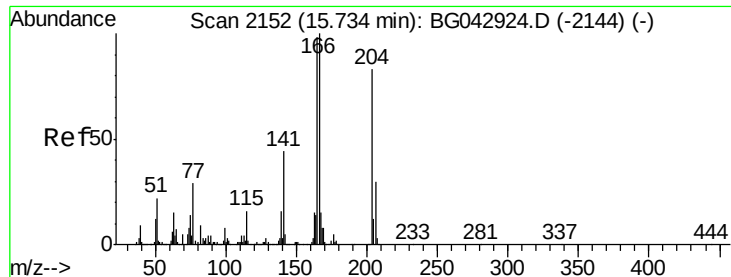
mohammad
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#60
Diethylphthalate
Concen: 37.236 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
177	24.9	18.8	28.2		
150	12.5	10.6	15.8		





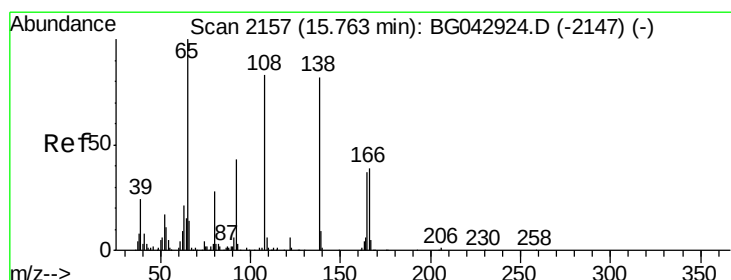
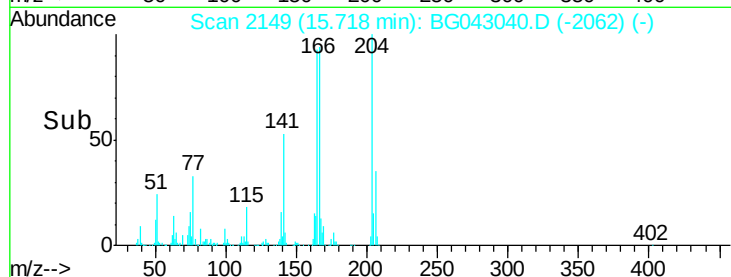
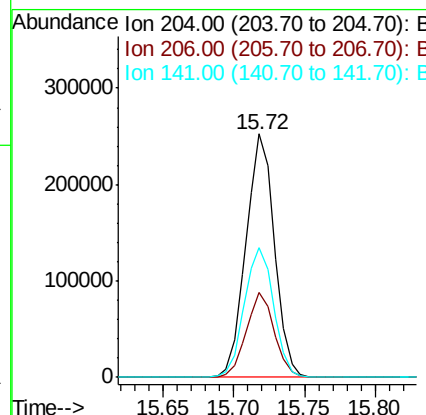
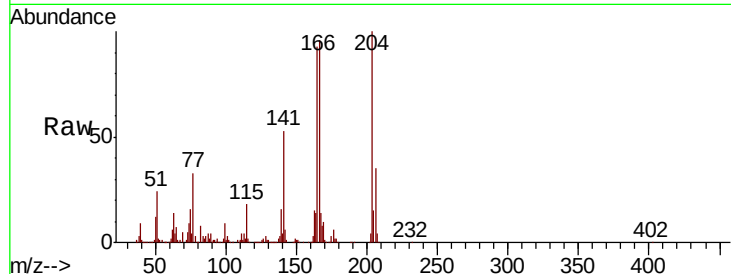
#61
 4-Chlorophenyl-phenylether
 Concen: 37.238 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.5	42.7
141	53.4	42.4	63.6

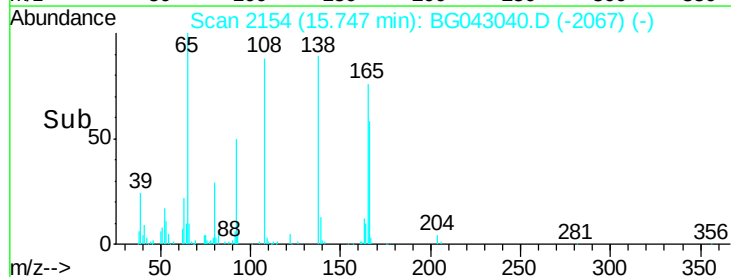
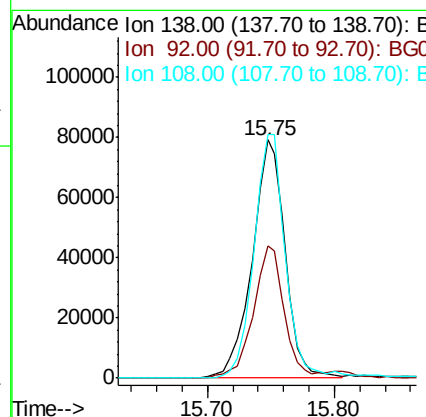
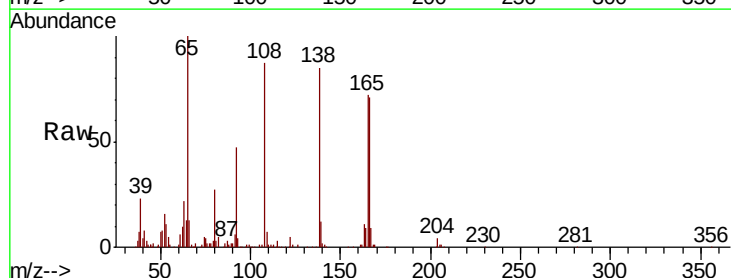
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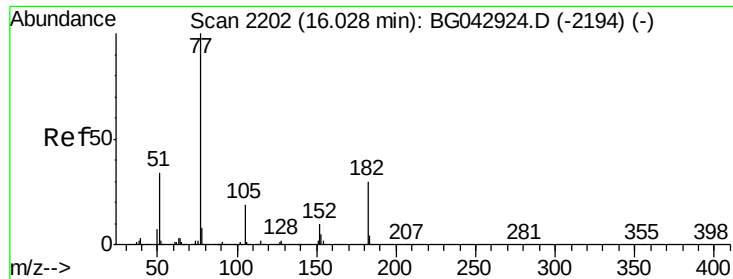
mohammad
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#62
 4-Nitroaniline
 Concen: 36.661 ng
 RT: 15.75 min Scan# 2154
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	32.9	72.9
108	102.3	81.3	121.3





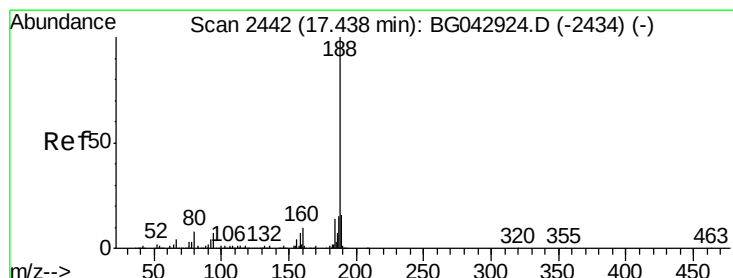
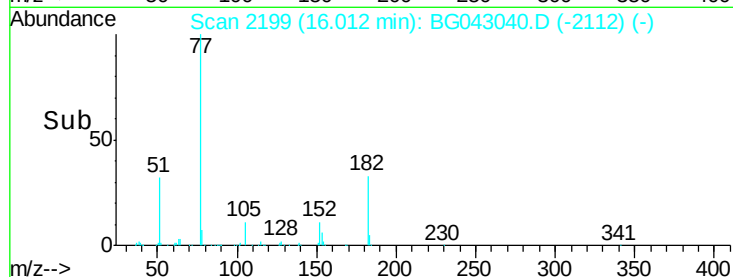
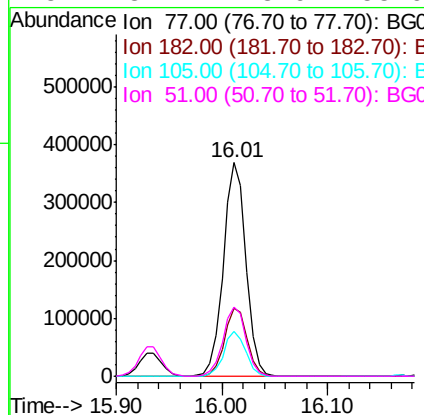
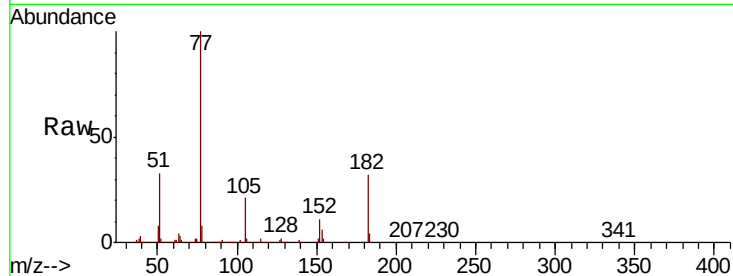
#63
Azobenzene
Concen: 36.002 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.6	10.2	50.2
105	20.7	0.0	39.1
51	32.7	13.9	53.9

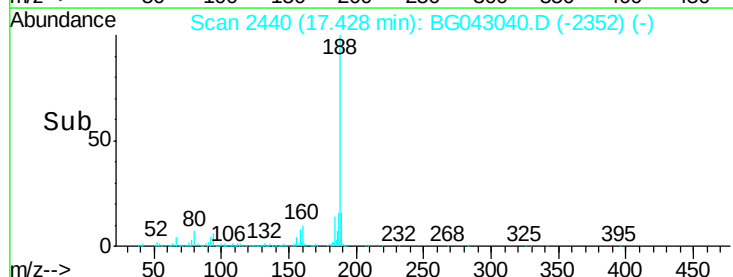
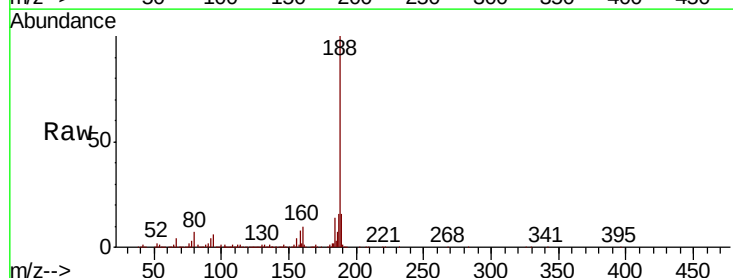
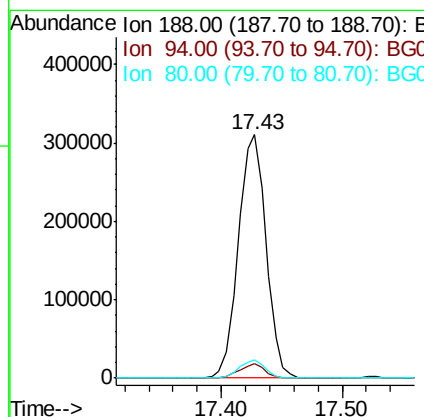
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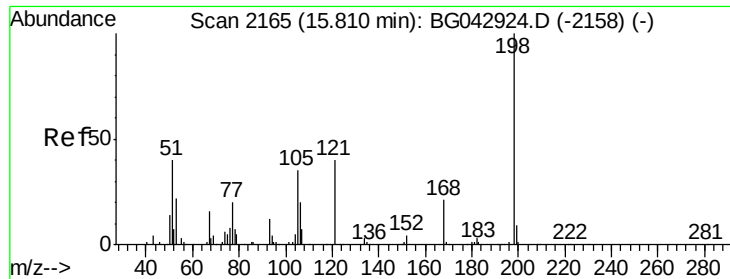
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.7	8.5
80	7.4	6.5	9.7





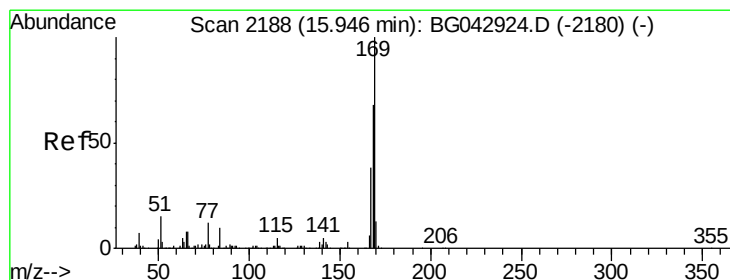
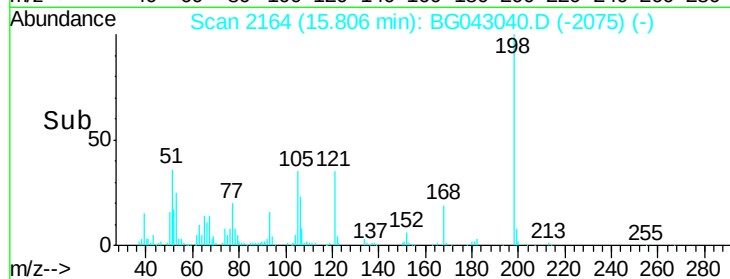
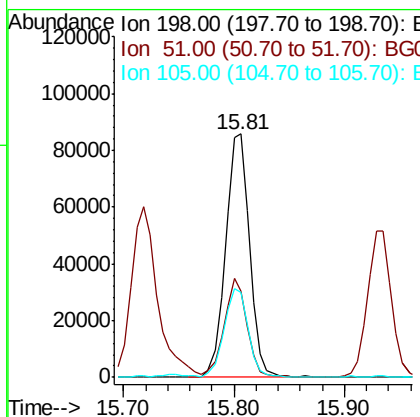
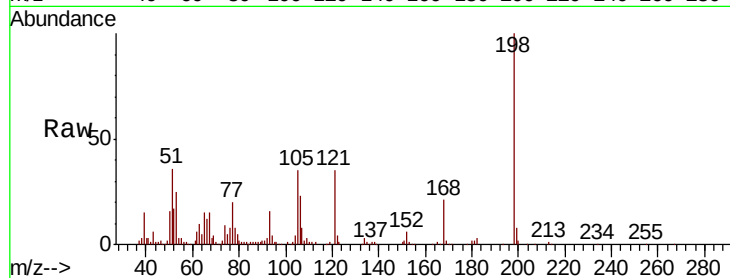
#65
4,6-Dinitro-2-methylphenol
Concen: 46.397 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	130378		
51	35.6	25.3	65.3	
105	34.7	16.6	56.6	

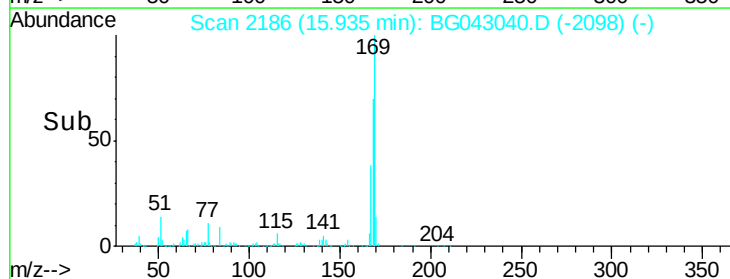
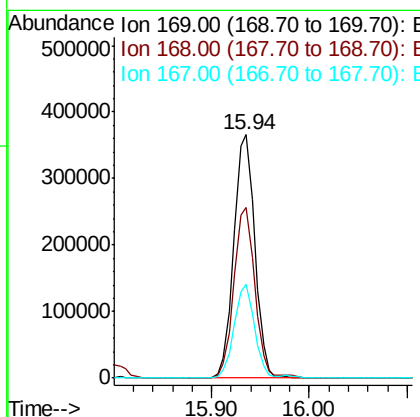
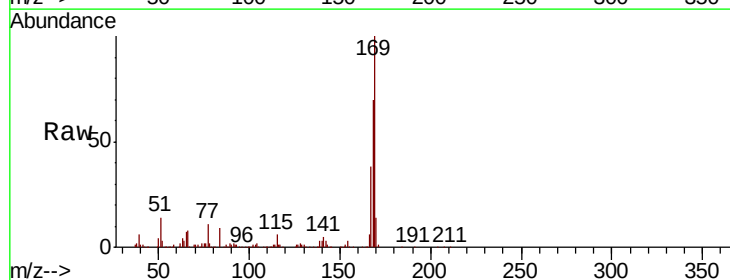
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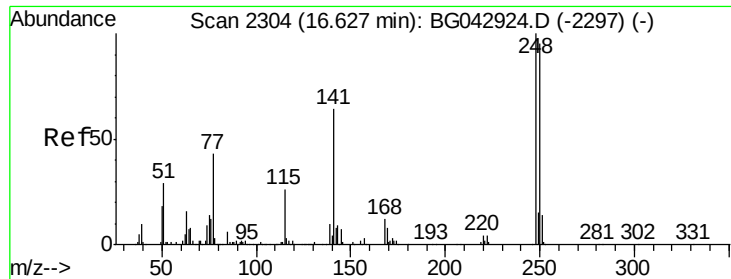
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#66
n-Nitrosodiphenylamine
Concen: 41.749 ng
RT: 15.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	547308		
168	70.3	54.8	82.2	
167	38.5	30.6	46.0	





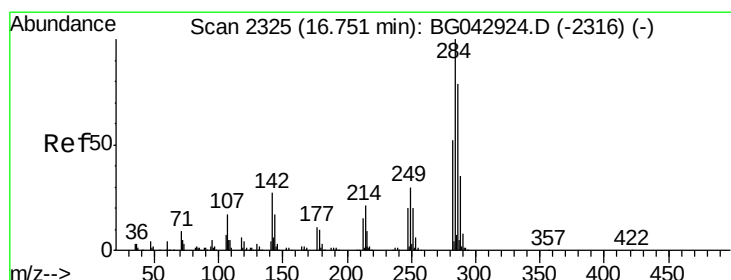
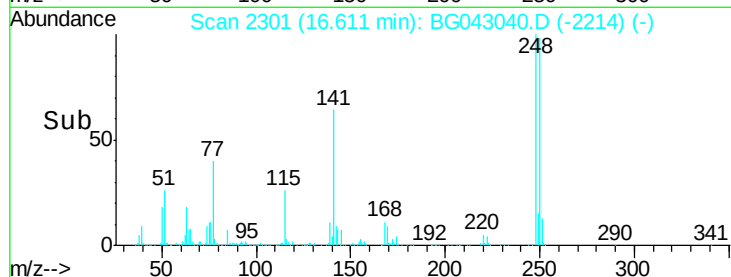
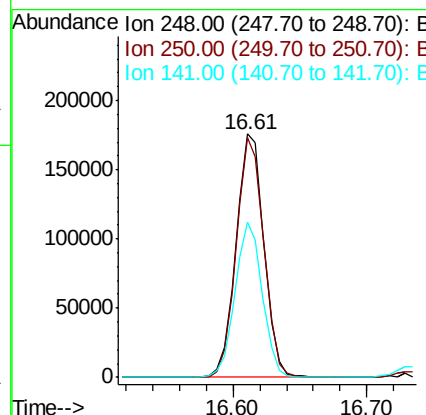
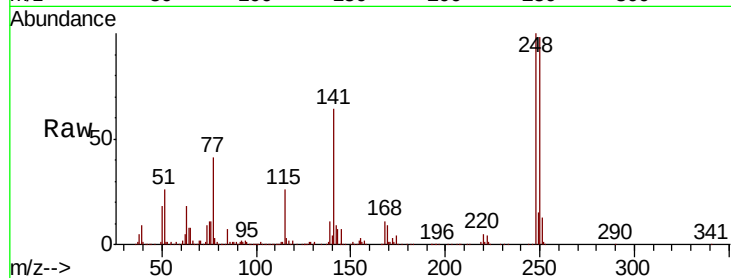
#67
4-Bromophenyl-phenylether
Concen: 41.091 ng
RT: 16.61 min Scan# 2301
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.8	113.8
141	63.8	51.1	76.7

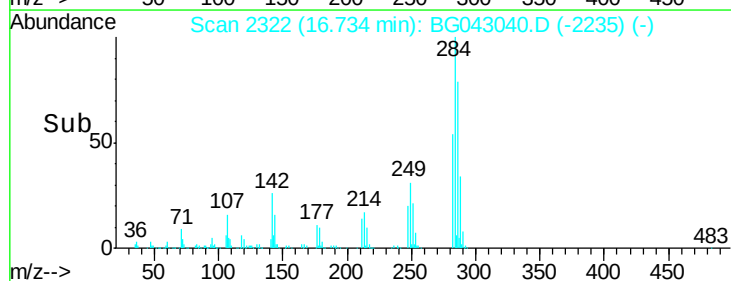
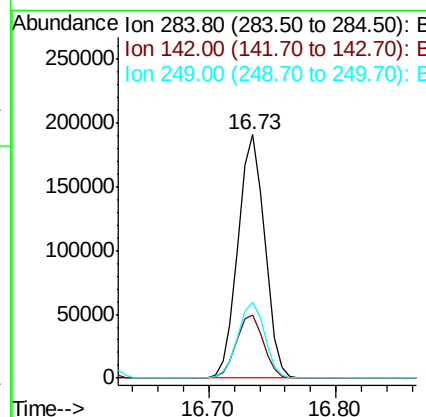
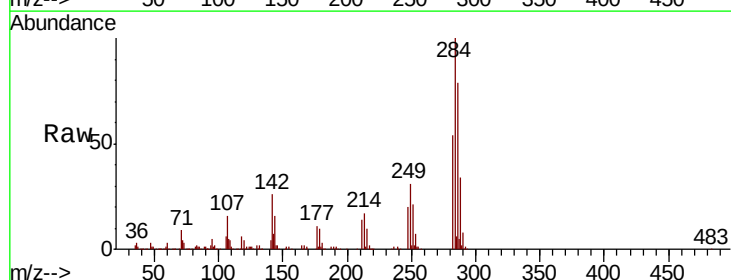
Manual Integrations
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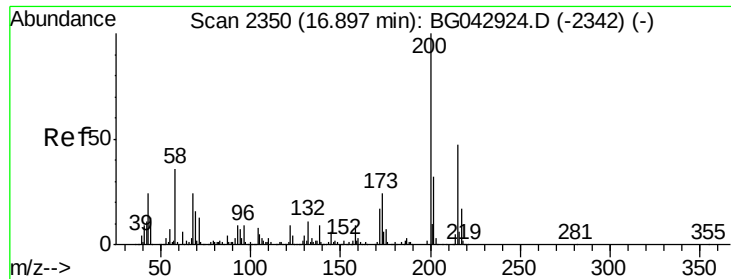
mohammad
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#68
Hexachlorobenzene
Concen: 40.044 ng
RT: 16.73 min Scan# 2322
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.7	21.6	32.4
249	31.1	24.1	36.1





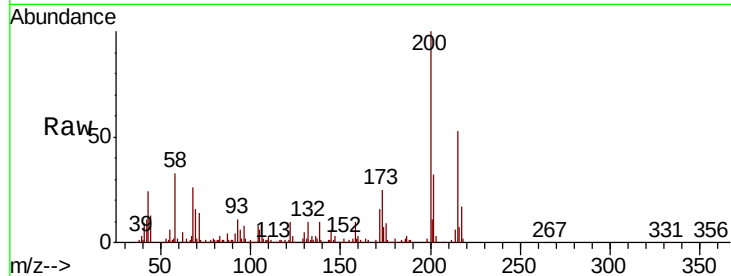
#69
Atrazine
Concen: 37.434 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	4.0	44.0
215	53.4	27.4	67.4

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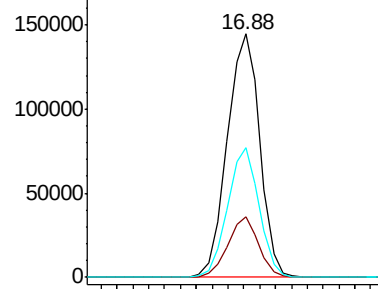


Abundance

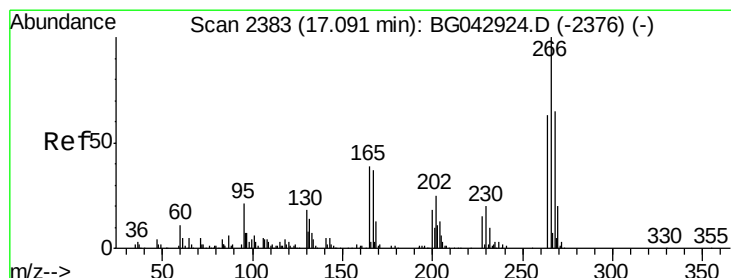
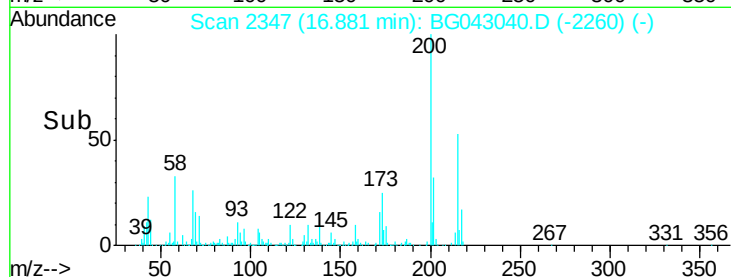
Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

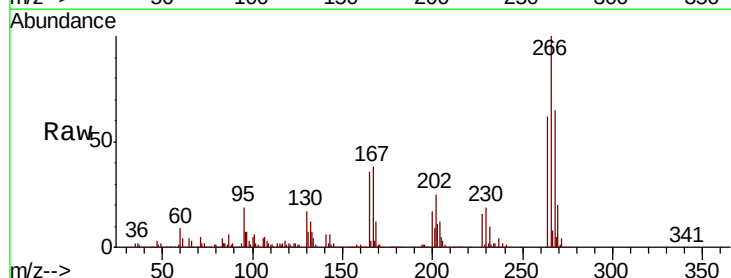


Time-->



#70
Pentachlorophenol
Concen: 85.214 ng
RT: 17.08 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.3	52.2	78.2
264	62.4	50.7	76.1

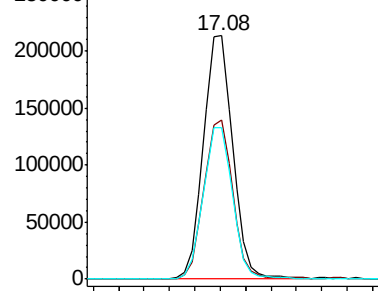


Abundance

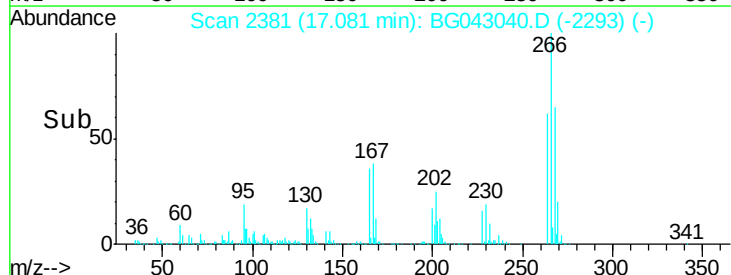
Ion 265.70 (265.40 to 266.40): E

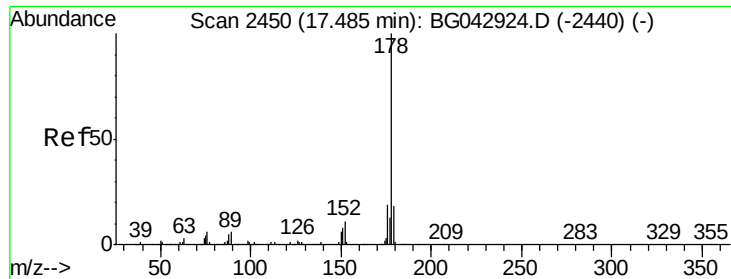
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->





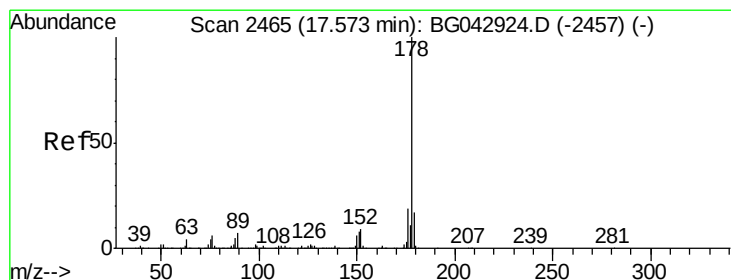
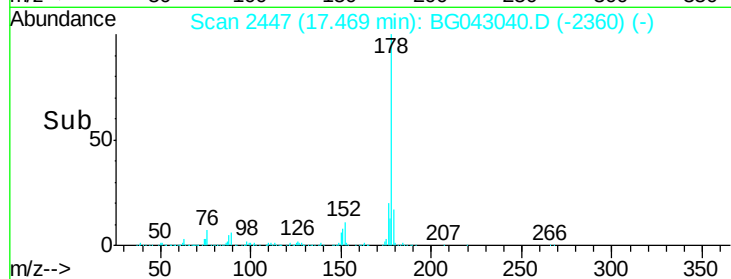
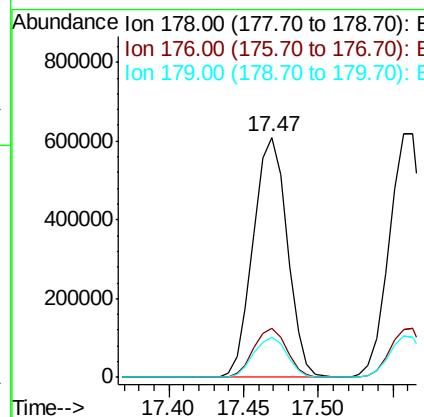
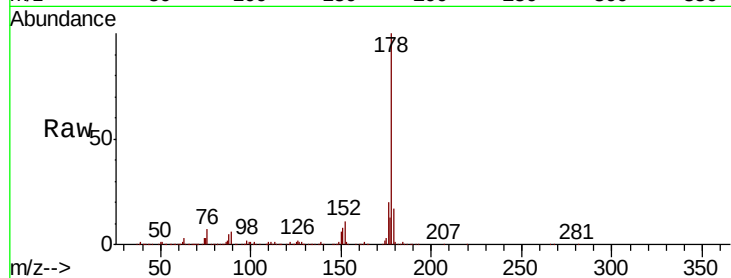
#71
Phenanthrene
Concen: 39.673 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.1	22.7
179	16.6	14.1	21.1

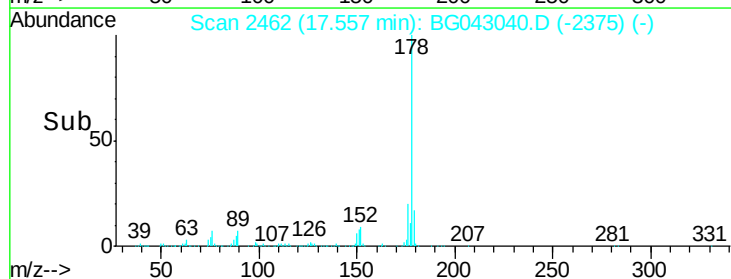
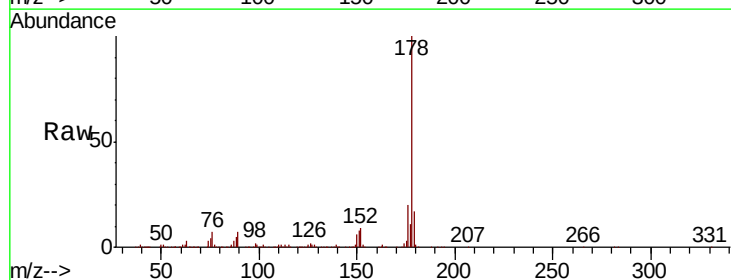
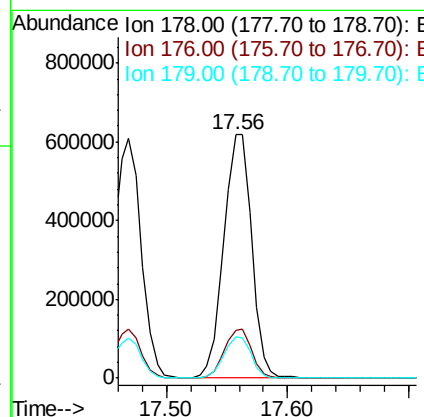
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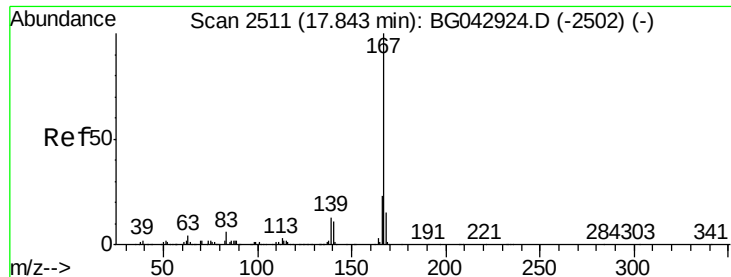
mohammad
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#72
Anthracene
Concen: 40.742 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.5	23.3
179	16.8	13.5	20.3





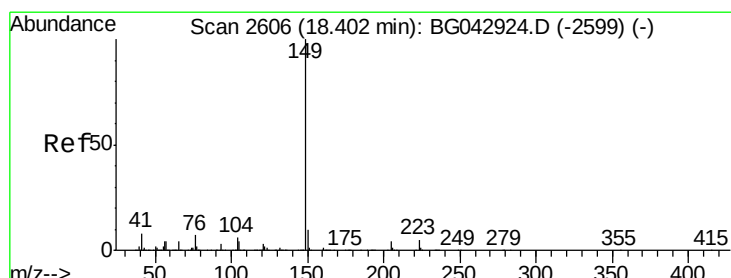
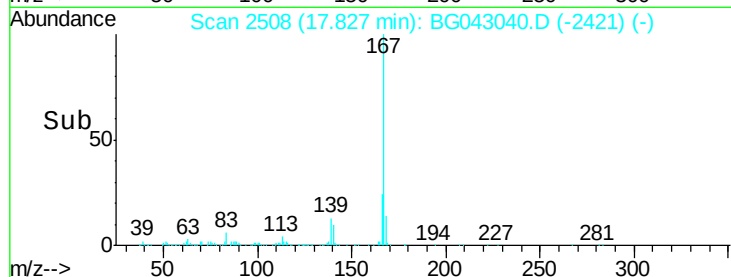
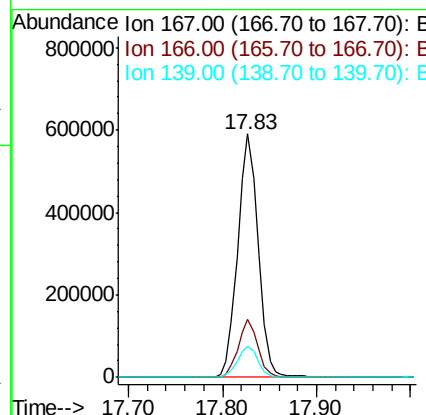
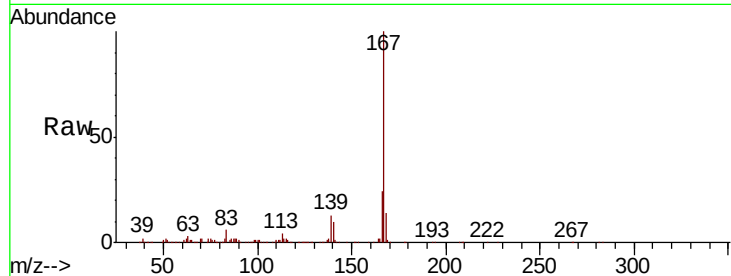
#73
 Carbazole
 Concen: 39.745 ng
 RT: 17.83 min Scan# 2508
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion:	167	Resp:	892030
Ion Ratio	Lower	Upper	
167	100		
166	23.7	18.6	28.0
139	12.9	10.8	16.2

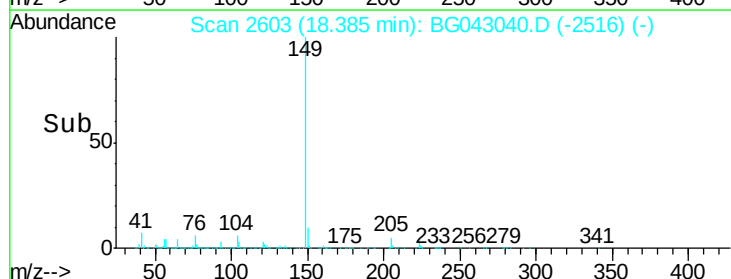
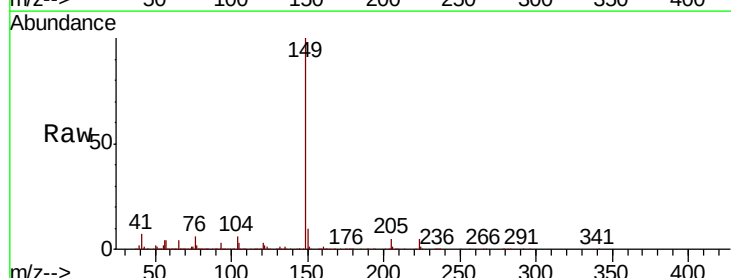
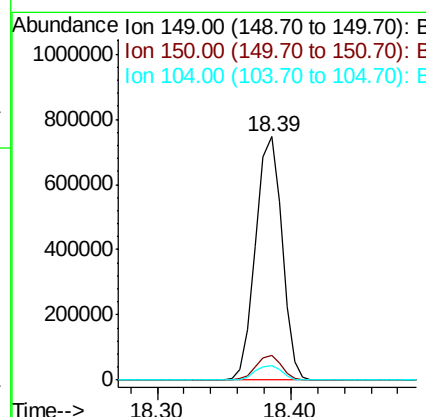
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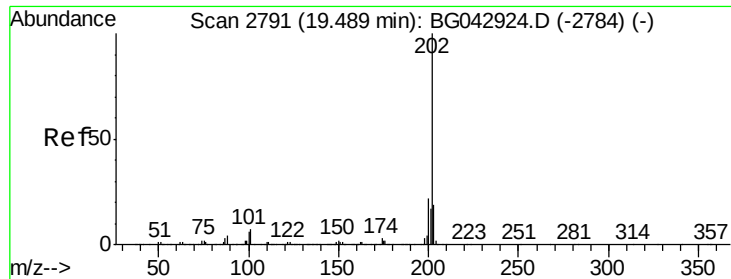
mohammad
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#74
 Di-n-butylphthalate
 Concen: 37.911 ng
 RT: 18.39 min Scan# 2603
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion:	149	Resp:	1015180
Ion Ratio	Lower	Upper	
149	100		
150	10.1	7.7	11.5
104	6.0	5.0	7.6





#75

Fluoranthene

Concen: 37.729 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

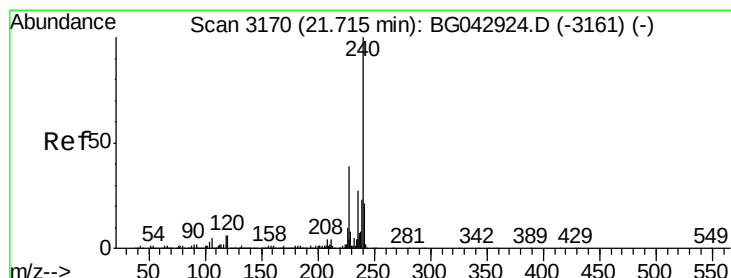
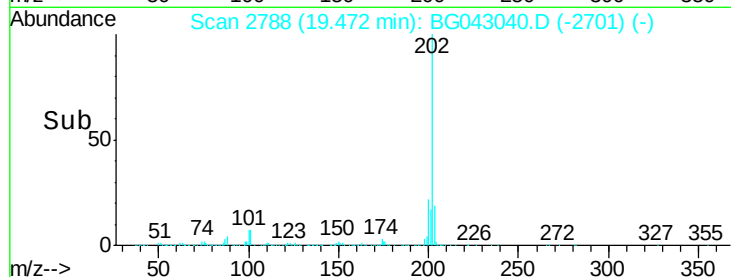
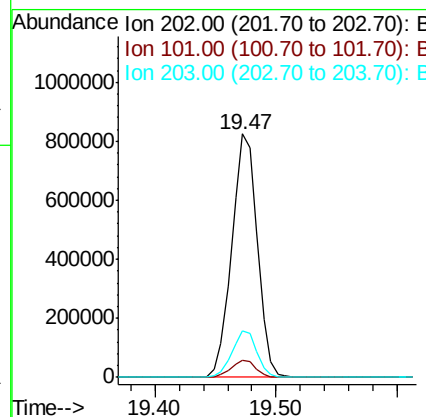
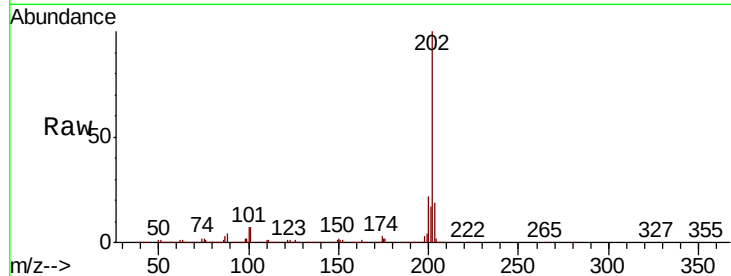
ClientSampled :

MW-103-IMSD

Tot Ion:	202	Resp:	1209850
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	27.3
203	19.1	0.0	39.5

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#76

Chrysene-d12

Concen: 20.000 ng

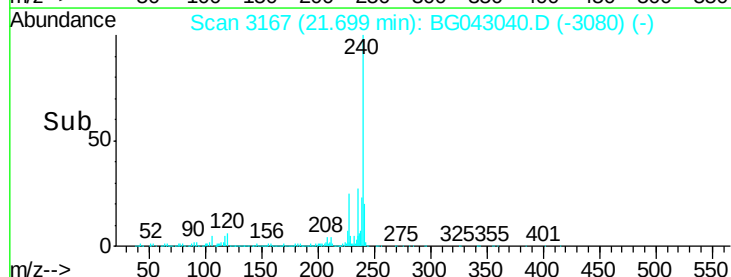
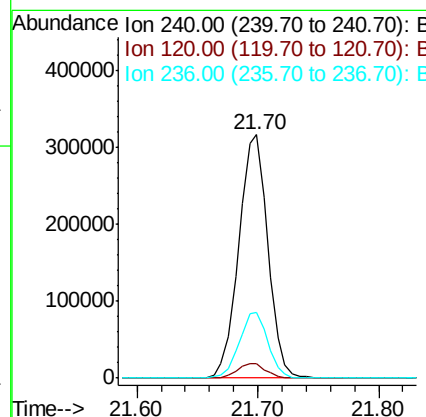
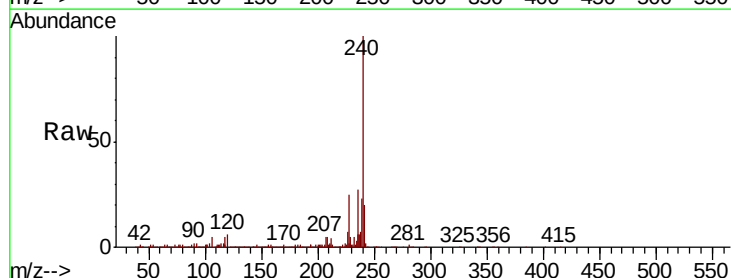
RT: 21.70 min Scan# 3167

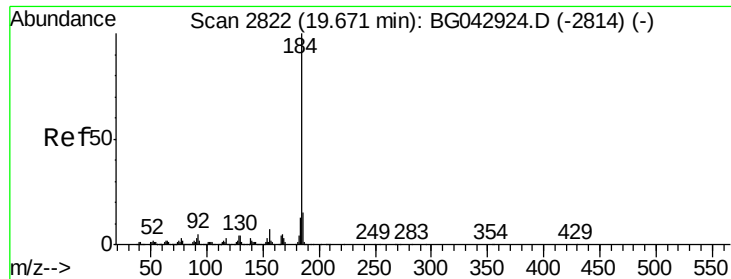
Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:	240	Resp:	531712
Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.8	7.2
236	26.7	21.4	32.0





#77

Benzidine

Concen: 53.667 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

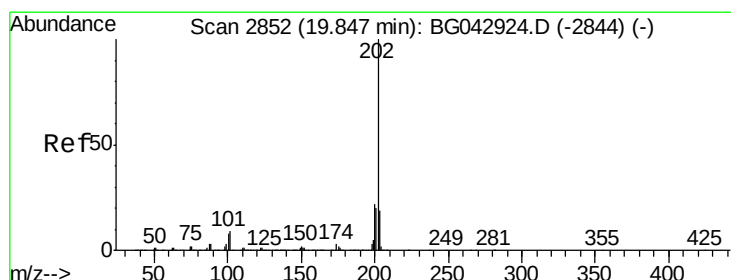
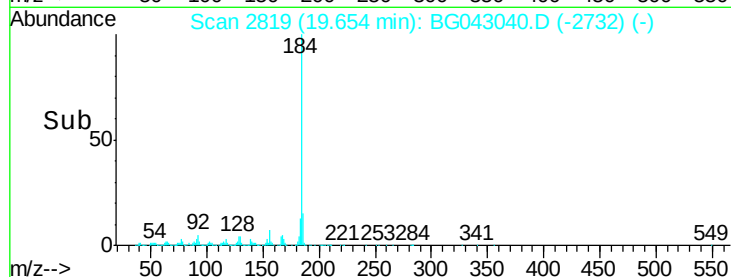
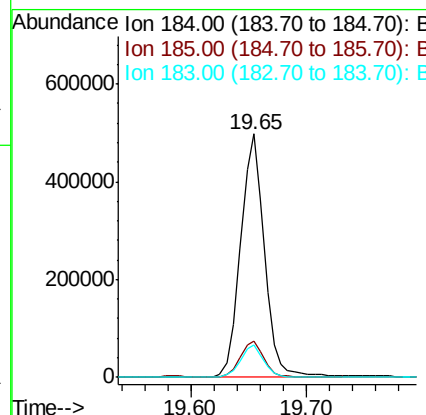
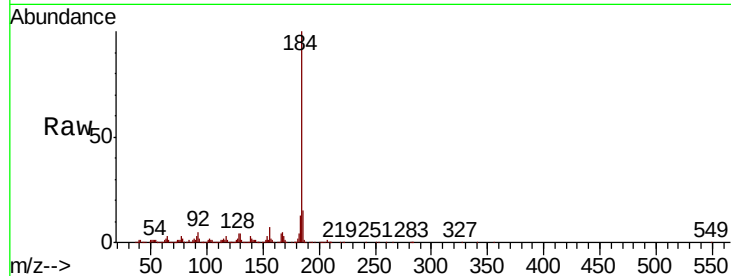
ClientSampleId :

MW-103-IMSD

Tot Ion:	184	Resp:	714496
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.8	17.8
183	13.5	10.1	15.1

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#78

Pyrene

Concen: 39.143 ng

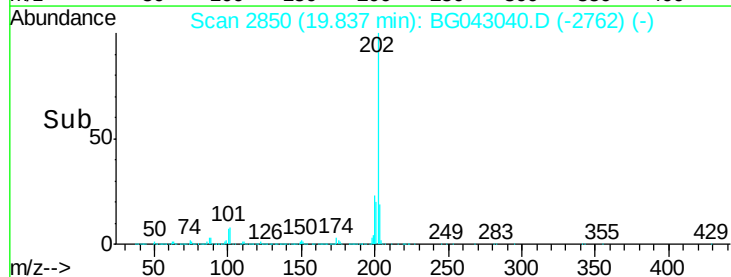
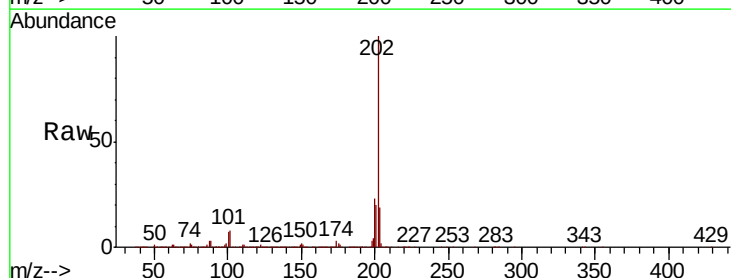
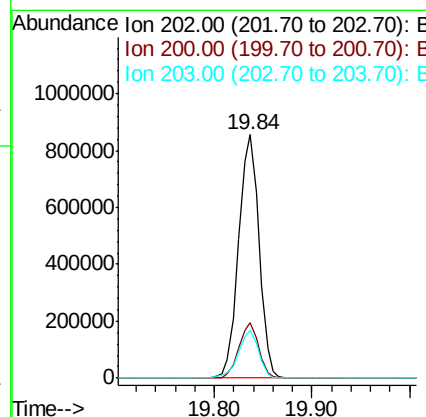
RT: 19.84 min Scan# 2850

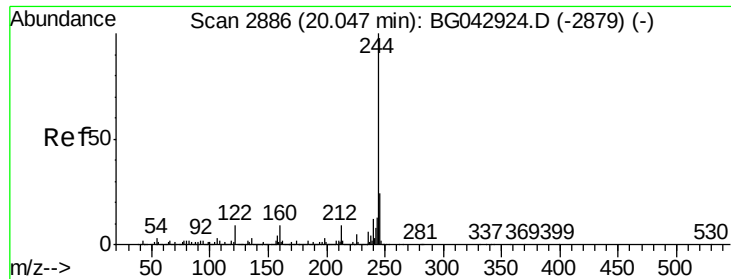
Delta R.T. -0.01 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Tgt Ion:	202	Resp:	1242232
Ion Ratio	Lower	Upper	
202	100		
200	22.9	17.6	26.4
203	19.4	15.2	22.8





#79

Terphenyl-d14

Concen: 77.799 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

Instrument :

BNA_G

ClientSampleId :

MW-103-IMSD

Tot Ion:244 Resp: 1941299

Ion Ratio Lower Upper

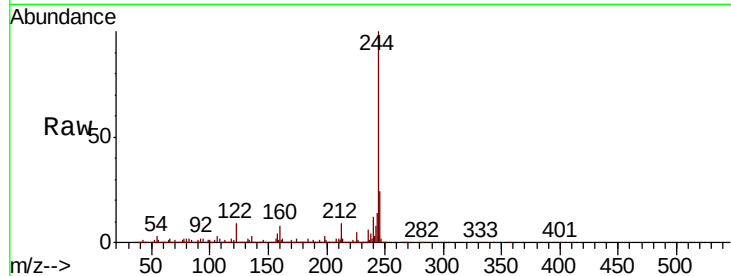
244 100

212 8.7 7.4 11.0

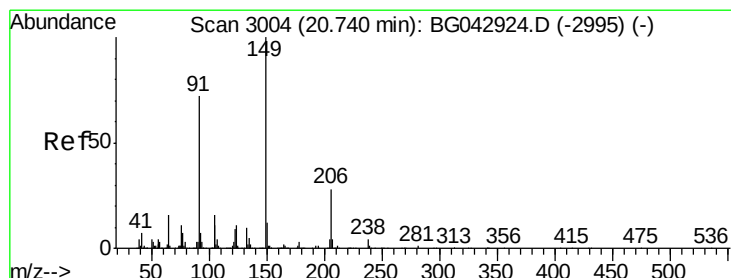
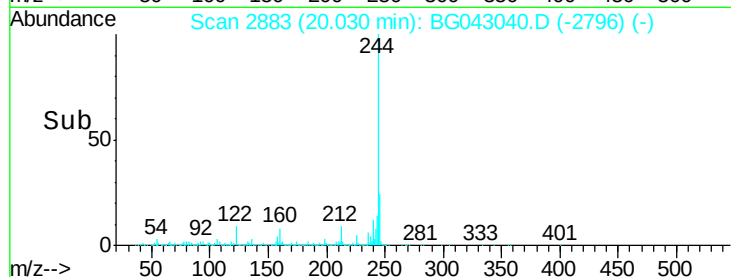
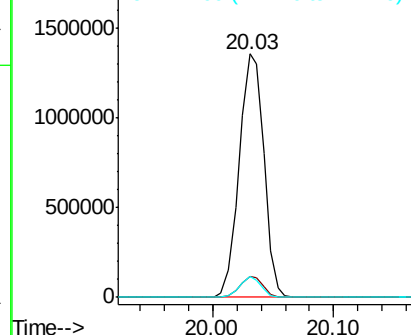
122 8.6 7.0 10.4

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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: 39.913 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.02 min

Lab File: BG043040.D

Acq: 4 Oct 2019 22:44

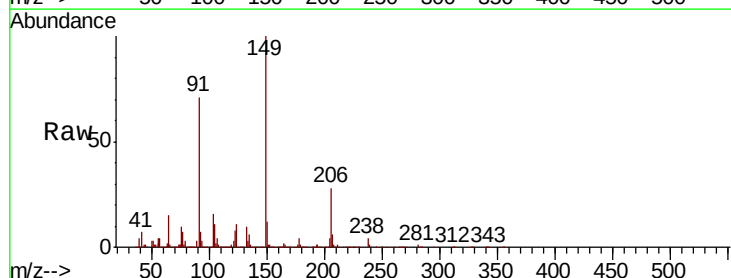
Tgt Ion:149 Resp: 480796

Ion Ratio Lower Upper

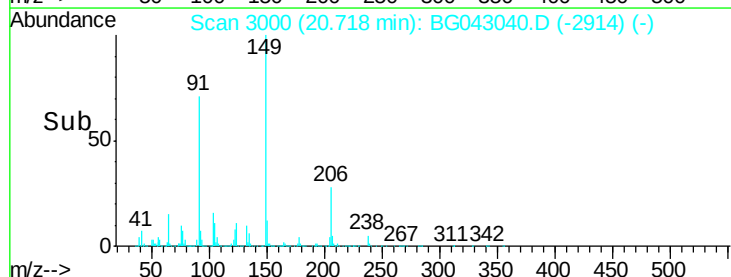
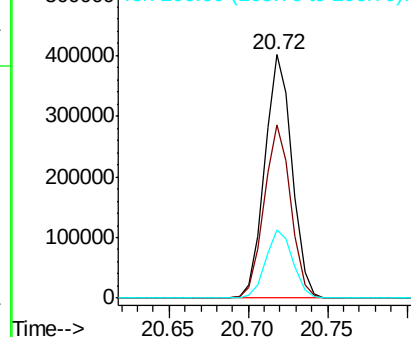
149 100

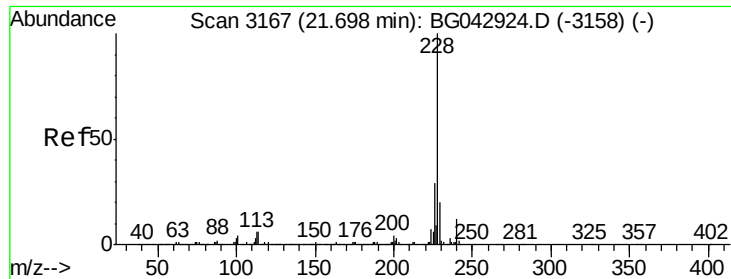
91 71.1 57.7 86.5

206 27.8 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





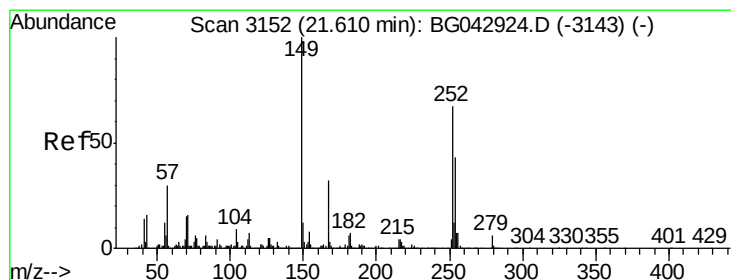
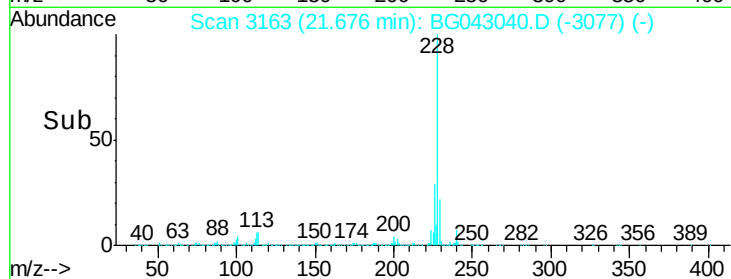
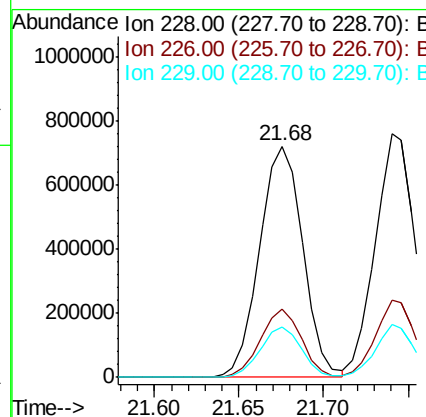
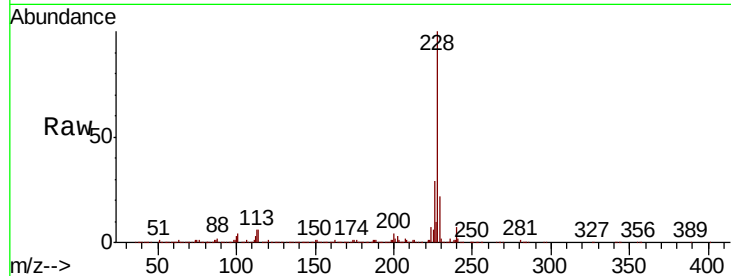
#81
Benzo(a)anthracene
Concen: 38.825 ng
RT: 21.68 min Scan# 3163
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	21.9	16.3	24.5

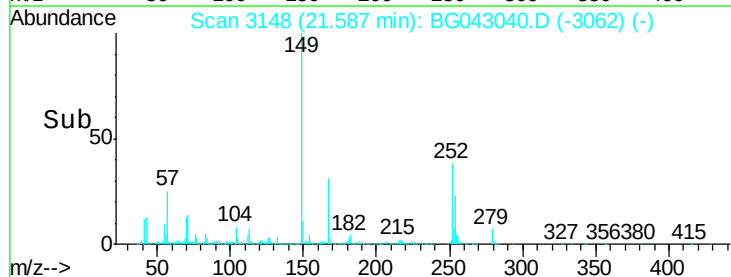
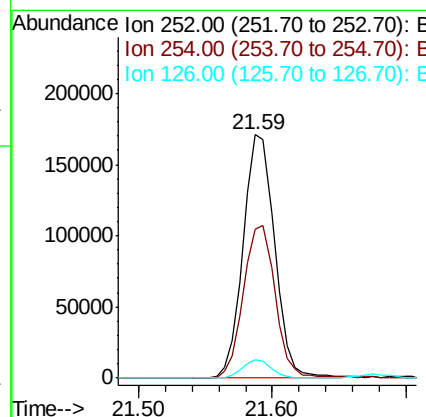
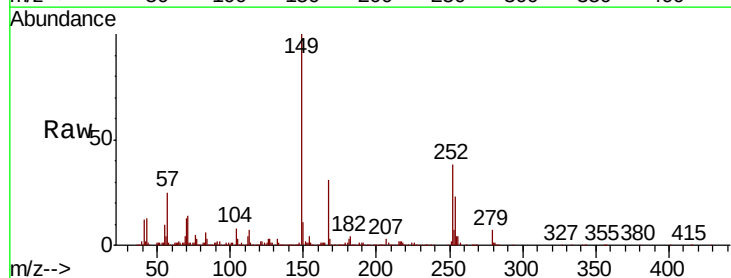
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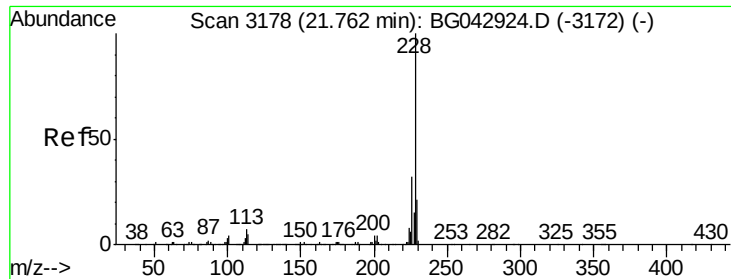
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#82
3,3'-Dichlorobenzidine
Concen: 21.466 ng
RT: 21.59 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.3	51.9	77.9
126	7.6	6.1	9.1





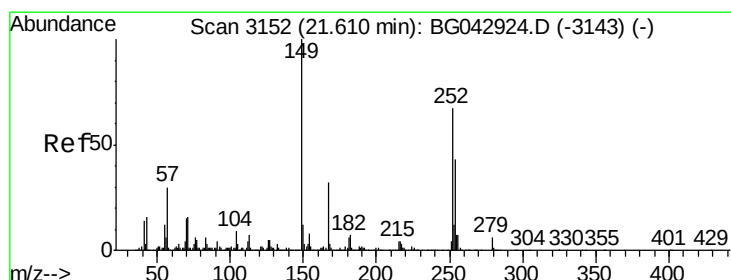
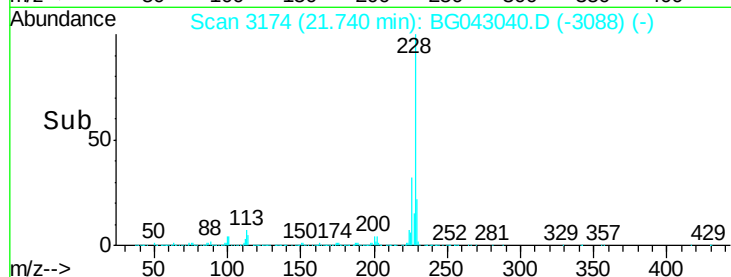
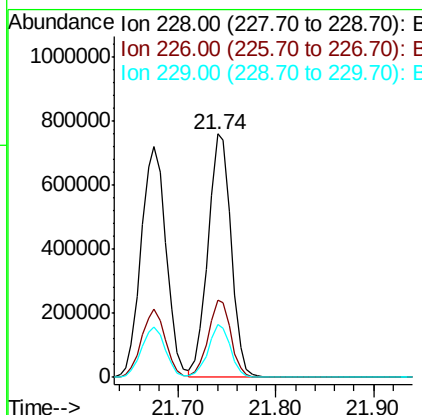
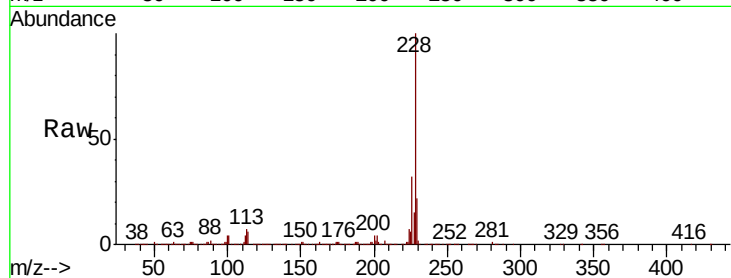
#83
 Chrysene
 Concen: 38.653 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.02 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Instrument :
 BNA_G
 ClientSampleId :
 MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.6	38.4
229	21.8	16.9	25.3

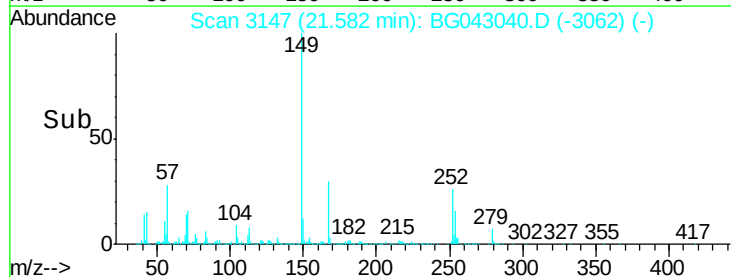
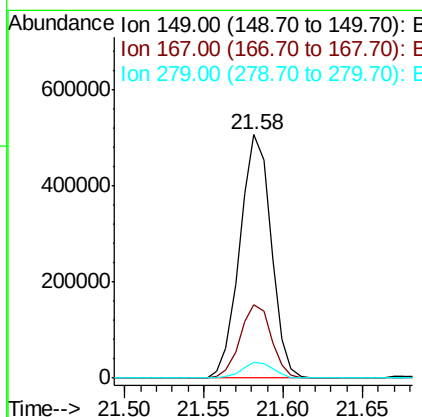
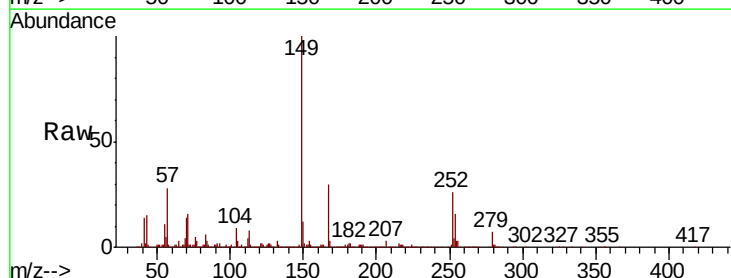
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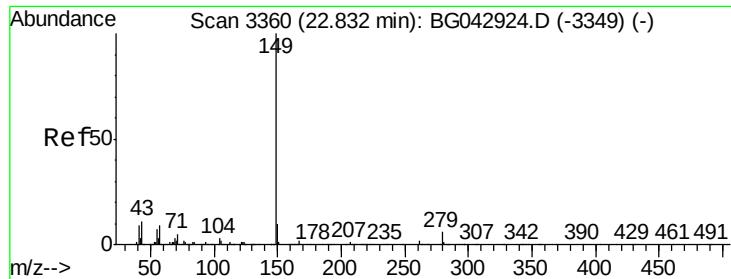
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.379 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.03 min
 Lab File: BG043040.D
 Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	25.4	38.2
279	6.5	5.1	7.7





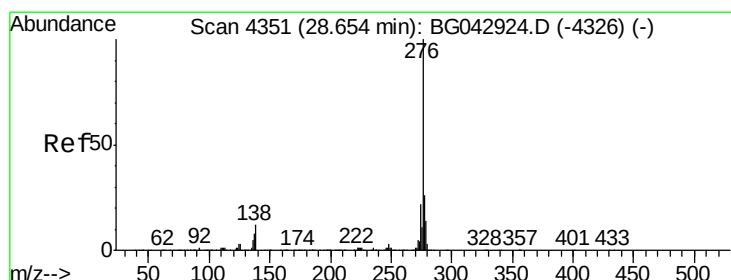
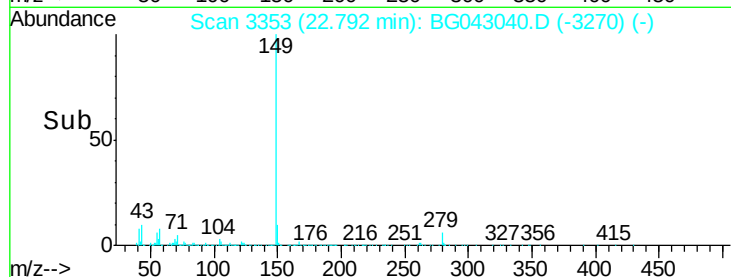
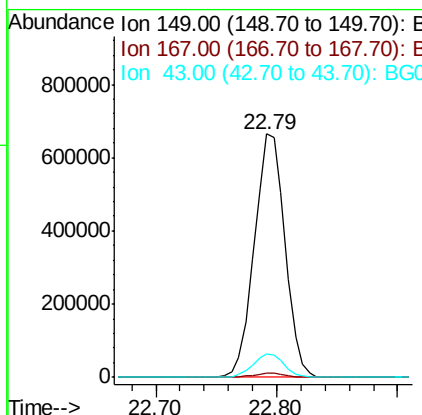
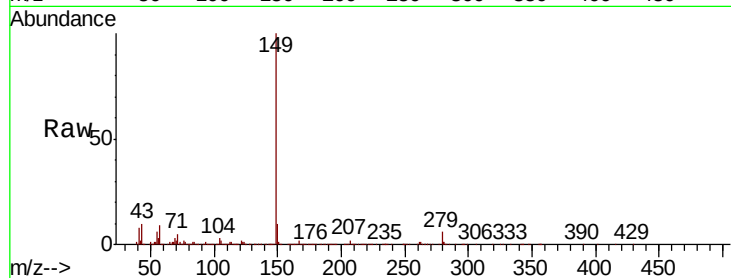
#85
Di-n-octyl phthalate
Concen: 41.704 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.04 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	9.6	8.7	13.1

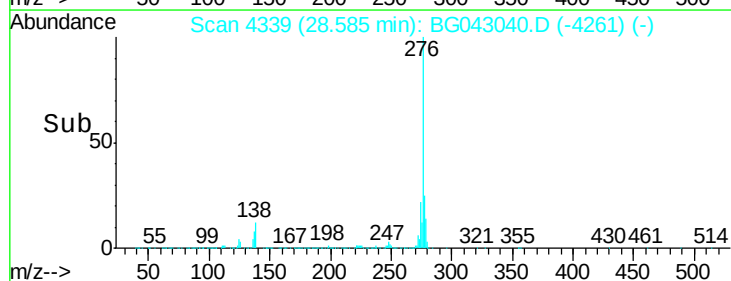
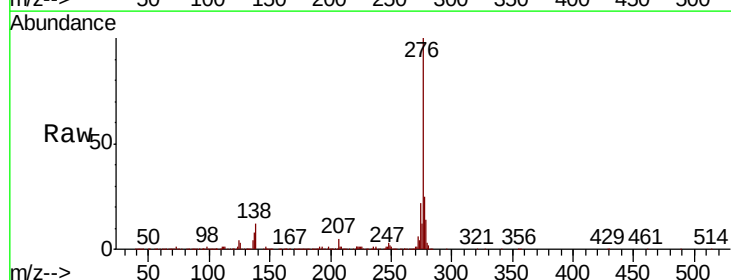
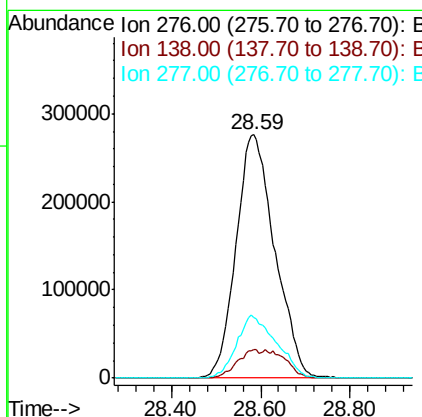
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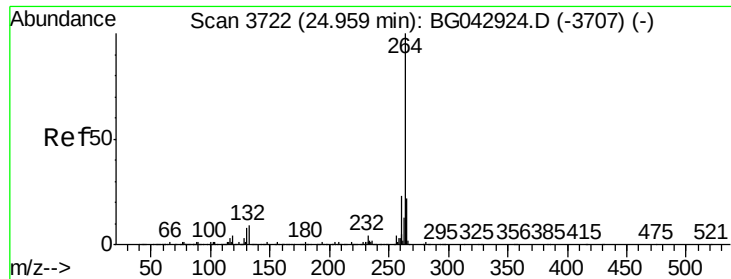
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.487 ng
RT: 28.59 min Scan# 4339
Delta R.T. -0.07 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	6.8	7.0	10.6#
277	26.5	20.9	31.3





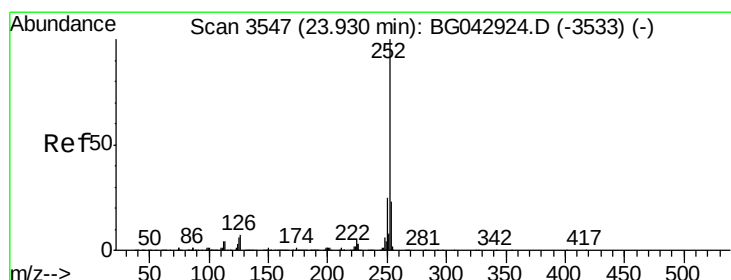
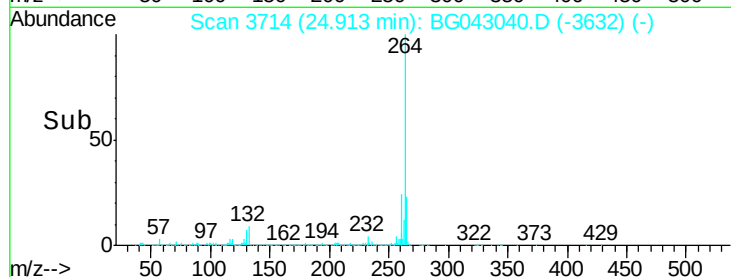
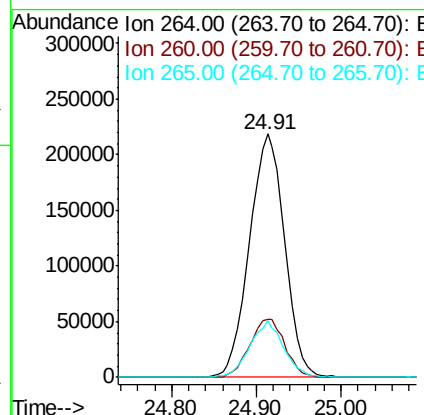
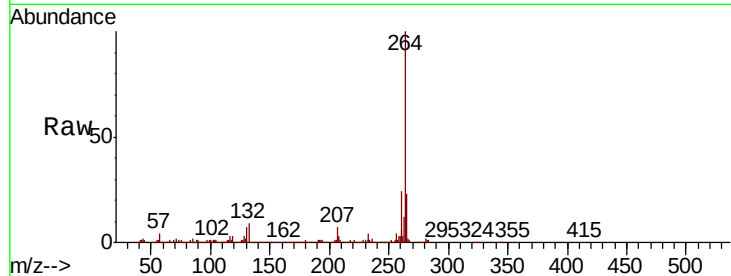
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3714
Delta R.T. -0.05 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	23.3	17.7	26.5

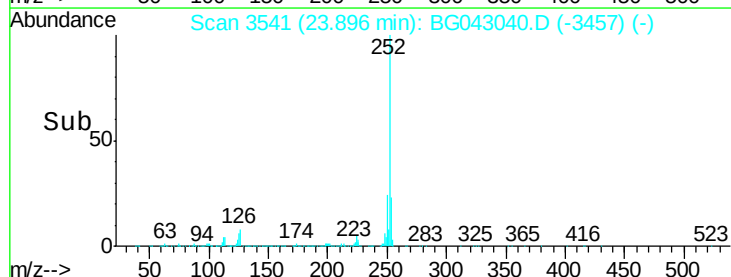
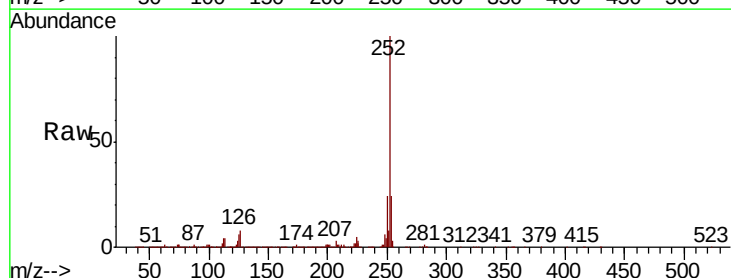
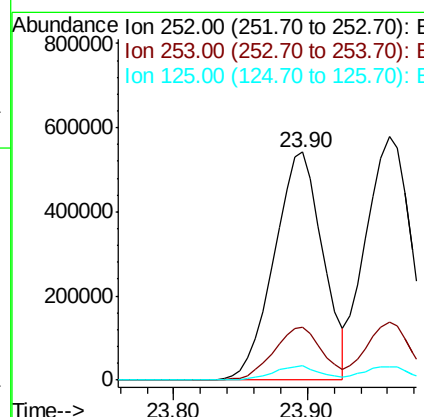
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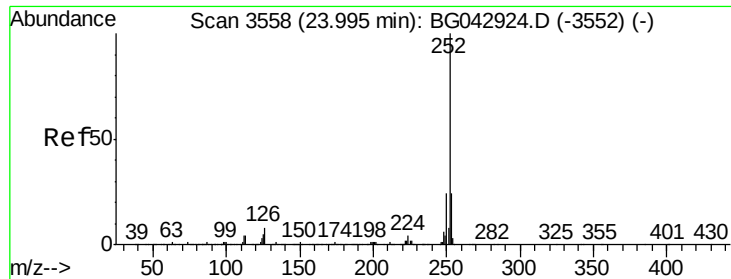
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#88
Benzo(b)fluoranthene
Concen: 38.422 ng
RT: 23.90 min Scan# 3541
Delta R.T. -0.03 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	6.1	4.6	7.0





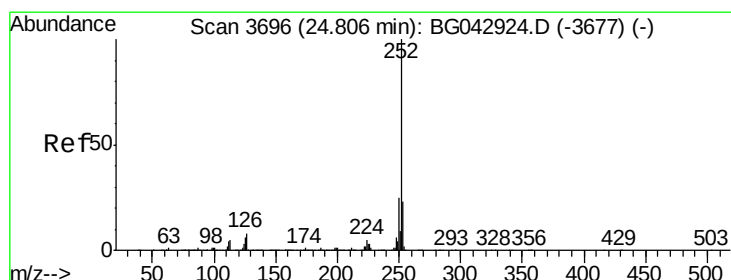
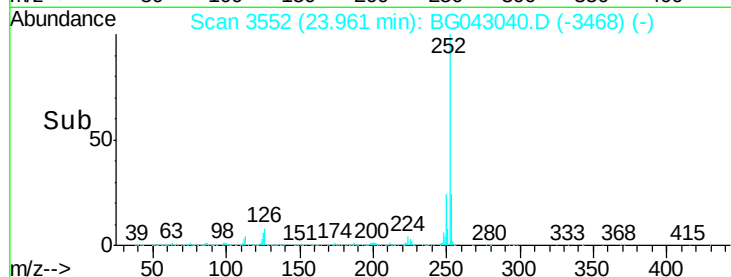
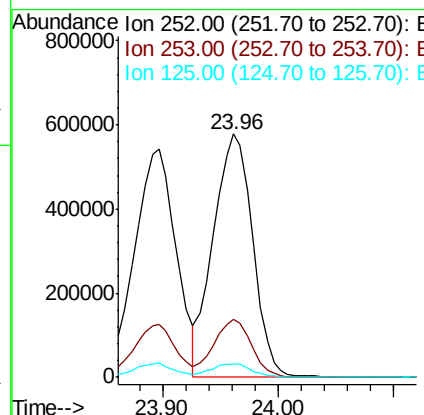
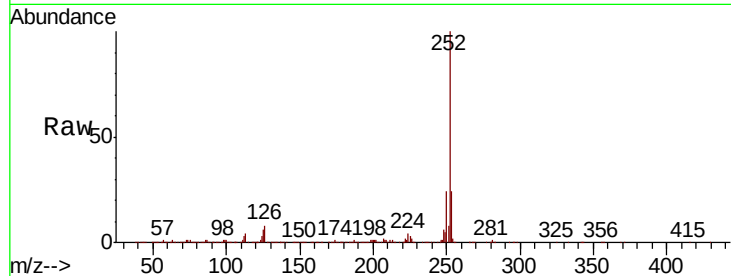
#89
Benzo(k)fluoranthene
Concen: 38.546 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.03 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.9	28.3
125	5.7	4.5	6.7

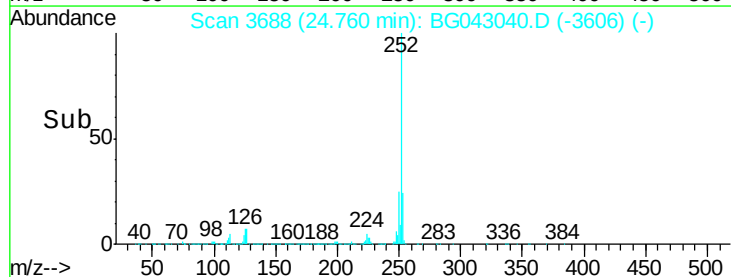
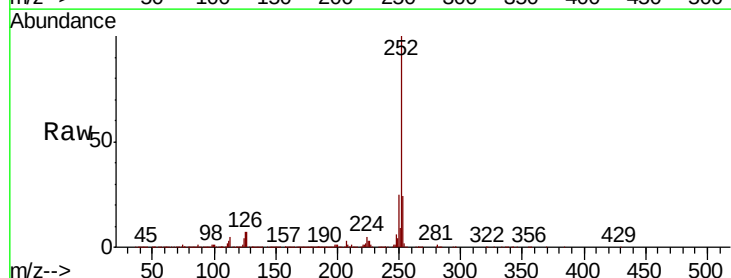
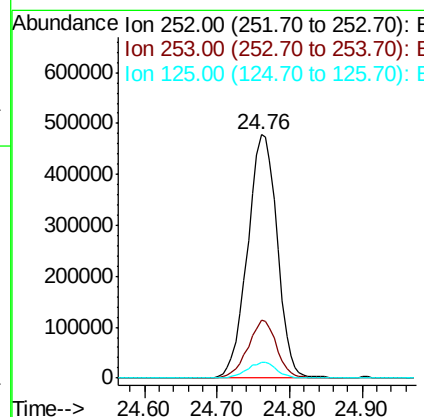
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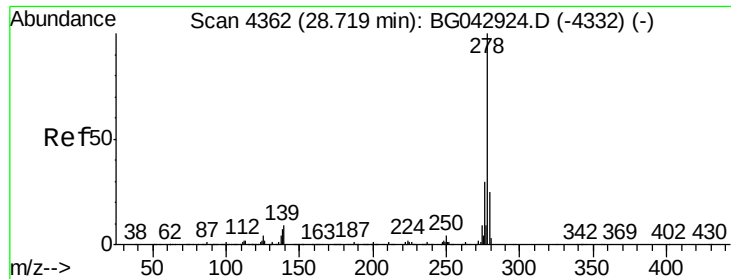
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#90
Benzo(a)pyrene
Concen: 40.281 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.05 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	6.6	5.0	7.6





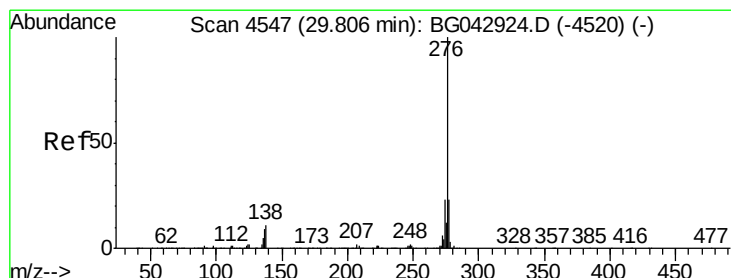
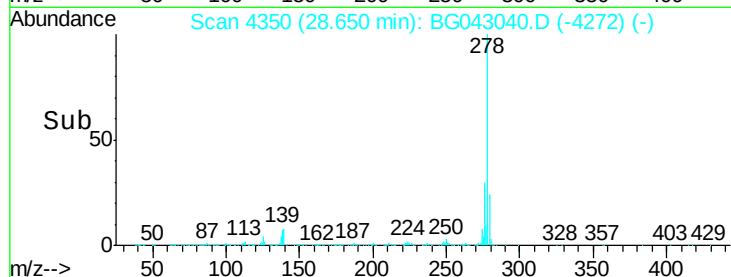
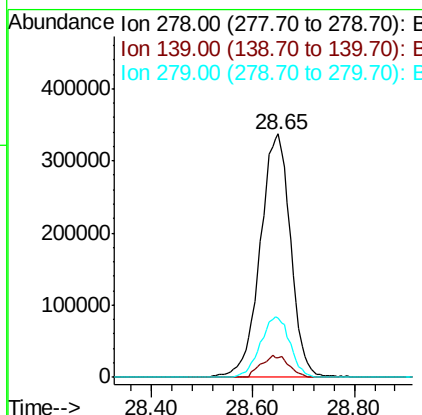
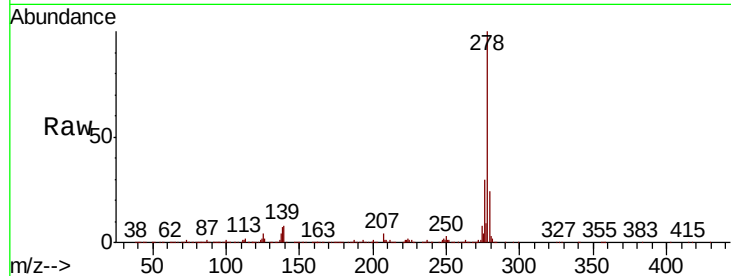
#91
Dibenzo(a,h)anthracene
Concen: 40.558 ng
RT: 28.65 min Scan# 4350
Delta R.T. -0.07 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Instrument :
BNA_G
ClientSampleId :
MW-103-IMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.3	6.8	10.2
279	24.4	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 40.923 ng
RT: 29.72 min Scan# 4533
Delta R.T. -0.08 min
Lab File: BG043040.D
Acq: 4 Oct 2019 22:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.4	27.6
138	11.3	8.6	12.8

