

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042876.D
 Acq On : 17 Sep 2019 20:40
 Operator : HP/JU
 Sample : K4918-12MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Manual Integrations
 APPROVED

mohammad
 9/18/2019 2:18:42 PM

Quant Time: Sep 18 02:18:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	58065	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	245408	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	194204	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	473036	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	368966	20.00	ng	-0.01
87) Perylene-d12	25.01	264	388752	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	467297	139.92	ng	0.02
7) Phenol-d6	7.31	99	728504	151.97	ng	0.04
23) Nitrobenzene-d5	9.27	82	489713	103.89	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	427770	165.56	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	1179101	96.11	ng	-0.02
79) Terphenyl-d14	20.07	244	1816418	109.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	46576	30.557	ng	# 90
3) Pyridine	4.05	79	129449	28.207	ng	92
4) n-Nitrosodimethylamine	3.92	42	107306	48.052	ng	# 69
6) Aniline	7.45	93	187183	28.941	ng	99
8) 2-Chlorophenol	7.69	128	194628	53.911	ng	97
9) Benzaldehyde	7.26	77	117881	37.788	ng	93
10) Phenol	7.33	94	279925	56.939	ng	89
11) bis(2-Chloroethyl)ether	7.54	93	171731	45.516	ng	95
12) 1,3-Dichlorobenzene	8.00	146	201010	45.649	ng	98
13) 1,4-Dichlorobenzene	8.15	146	208264	47.242	ng	99
14) 1,2-Dichlorobenzene	8.46	146	192848	45.955	ng	98
15) Benzyl Alcohol	8.37	79	211515	51.414	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.65	45	410940	49.597	ng	98
17) 2-Methylphenol	8.57	107	178429	54.250	ng	96
18) Hexachloroethane	9.19	117	76285	46.870	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	169277	47.922	ng	93
20) 3+4-Methylphenols	8.90	107	250465	55.244	ng	96
22) Acetophenone	8.95	105	299654	48.348	ng	# 93
24) Nitrobenzene	9.32	77	261464	52.845	ng	99
25) Isophorone	9.88	82	471026	47.940	ng	97
26) 2-Nitrophenol	10.03	139	116156	59.702	ng	# 93
27) 2,4-Dimethylphenol	10.10	122	202399	58.810	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	264949	48.354	ng	99
29) 2,4-Dichlorophenol	10.57	162	234945	58.746	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	254868	52.197	ng	99
31) Naphthalene	10.97	128	638106	52.664	ng	98
32) Benzoic acid	10.30	122	152726	54.013	ng	98
33) 4-Chloroaniline	11.08	127	60021	10.598	ng	95
34) Hexachlorobutadiene	11.25	225	182416	53.321	ng	98
35) Caprolactam	11.98	113	75859m	51.007	ng	
36) 4-Chloro-3-methylphenol	12.21	107	253125	58.292	ng	98
37) 2-Methylnaphthalene	12.56	142	501854	55.292	ng	99
38) 1-Methylnaphthalene	12.78	142	476430	55.966	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	342635	53.392	ng	99

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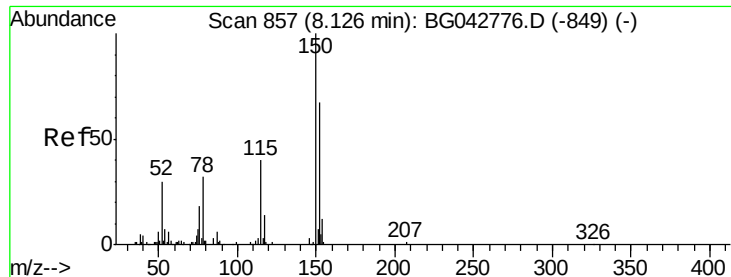
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
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 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	476202	129.532	nq	98
43) 2,4,6-Trichlorophenol	13.18	196	233876	54.741	nq	95
44) 2,4,5-Trichlorophenol	13.25	196	256164	58.536	nq	98
46) 1,1'-Biphenyl	13.56	154	715701	52.643	nq	98
47) 2-Chloronaphthalene	13.60	162	568377	50.538	nq	98
48) 2-Nitroaniline	13.82	65	200824	51.475	nq	95
49) Acenaphthylene	14.45	152	917304	53.373	nq	98
50) Dimethylphthalate	14.20	163	948510	65.197	nq	98
51) 2,6-Dinitrotoluene	14.30	165	174982	58.617	nq	98
52) Acenaphthene	14.79	154	546577	48.680	nq	97
53) 3-Nitroaniline	14.64	138	69401	20.715	nq	# 94
54) 2,4-Dinitrophenol	14.84	184	224122	152.509	nq	# 72
55) Dibenzofuran	15.13	168	907624	54.384	nq	98
56) 4-Nitrophenol	14.97	139	284860	109.966	nq	94
57) 2,4-Dinitrotoluene	15.09	165	243041	61.081	nq	# 98
58) Fluorene	15.77	166	763403	55.194	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	266558	62.835	nq	97
60) Diethylphthalate	15.56	149	761608	51.573	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	450060	55.033	nq	99
62) 4-Nitroaniline	15.80	138	177195	49.067	nq	# 82
63) Azobenzene	16.06	77	736160	51.767	nq	96
65) 4,6-Dinitro-2-methylphenol	15.85	198	161583	79.832	nq	96
66) n-Nitrosodiphenylamine	15.98	169	686645	53.943	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	308206	53.831	nq	97
68) Hexachlorobenzene	16.78	284	321566	52.562	nq	97
69) Atrazine	16.94	200	263283	59.396	nq	100
70) Pentachlorophenol	17.12	266	431615	118.926	nq	93
71) Phenanthrene	17.51	178	1194793	52.815	nq	99
72) Anthracene	17.61	178	1211582	53.607	nq	99
73) Carbazole	17.88	167	1088808	50.686	nq	96
74) Di-n-butylphthalate	18.44	149	1193579	46.384	nq	100
75) Fluoranthene	19.52	202	1440041	49.116	nq	98
77) Benzidine	19.70	184	437606	42.451	nq	99
78) Pyrene	19.88	202	1419345	61.444	nq	96
80) Butylbenzylphthalate	20.77	149	480370	51.384	nq	98
81) Benzo(a)anthracene	21.73	228	1227197	52.311	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	220817	24.221	nq	96
83) Chrysene	21.80	228	1190411	53.571	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	609894	47.746	nq	# 98
85) Di-n-octyl phthalate	22.88	149	959874	44.079	nq	97
86) Indeno(1,2,3-cd)pyrene	28.75	276	1284038	46.661	nq	# 86
88) Benzo(b)fluoranthene	23.98	252	1197221	52.448	nq	# 97
89) Benzo(k)fluoranthene	24.05	252	1145886	53.142	nq	# 98
90) Benzo(a)pyrene	24.86	252	1155244	54.049	nq	# 99
91) Dibenzo(a,h)anthracene	28.82	278	1088181	51.763	nq	# 97
92) Benzo(g,h,i)perylene	29.92	276	1102101	53.747	nq	# 93

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



#1

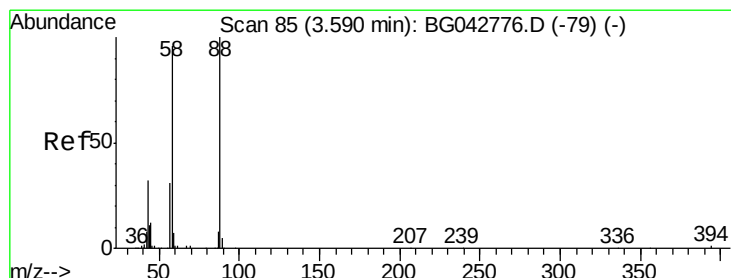
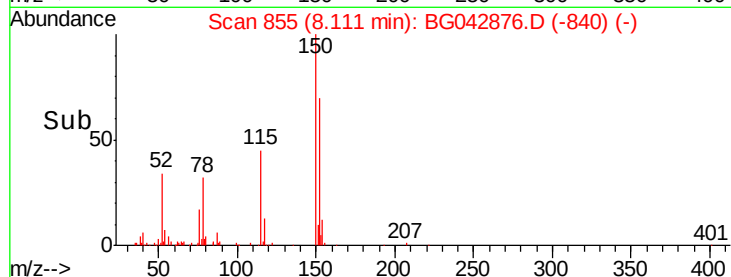
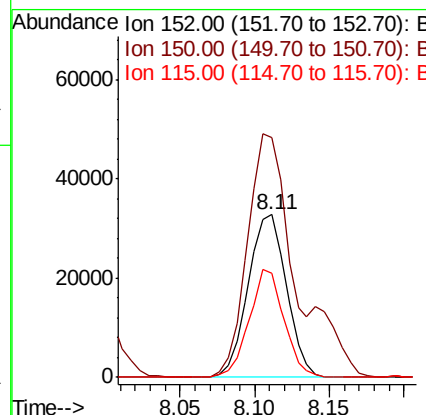
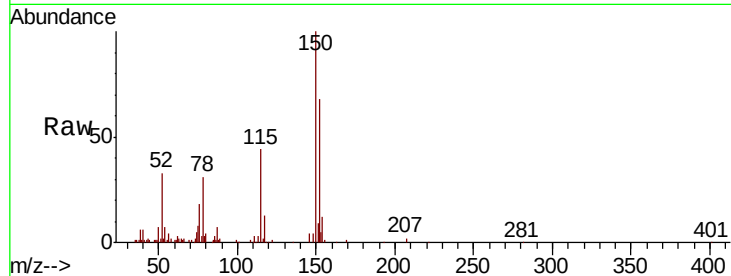
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	118.9	178.3
115	64.4	47.4	71.2

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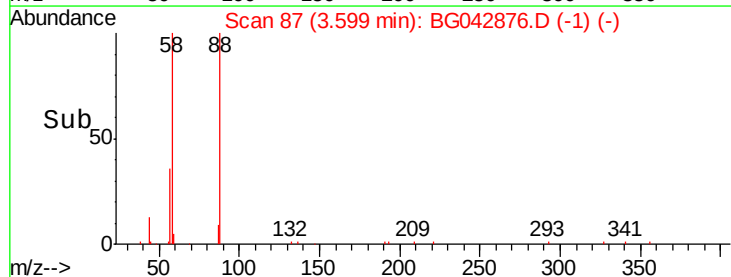
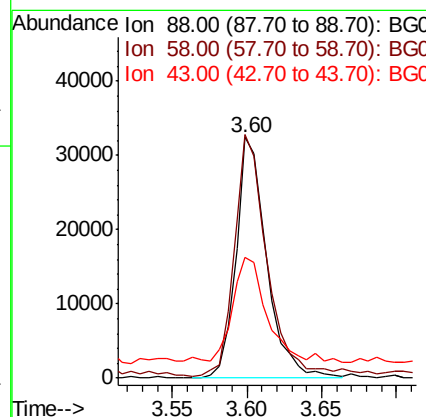
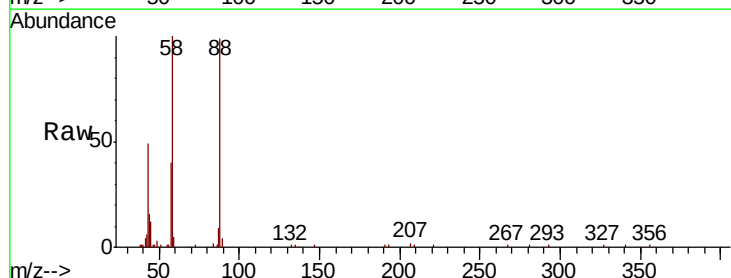
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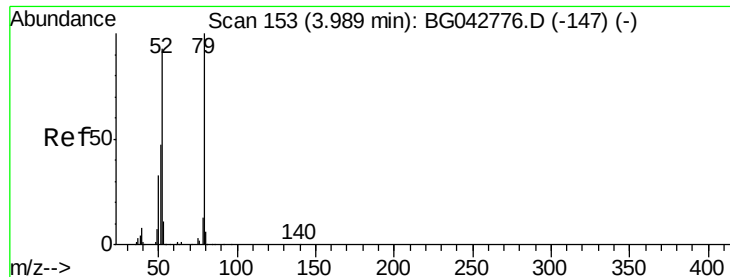


#2

1,4-Dioxane
Concen: 30.557 ng
RT: 3.60 min Scan# 87
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	107.7	79.1	118.7
43	46.0	30.4	45.6





#3

Pvridine

Concen: 28.207 ng

RT: 4.05 min Scan# 163

Delta R.T. 0.06 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

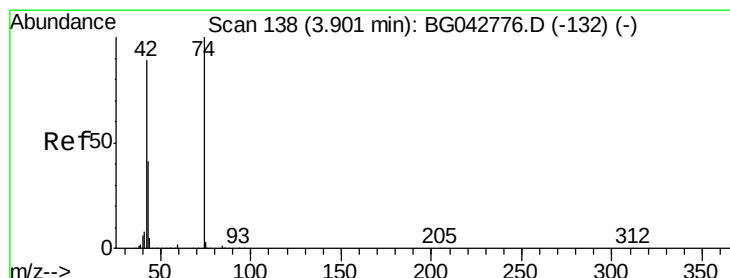
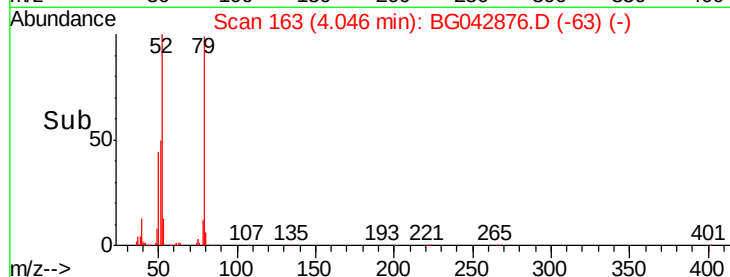
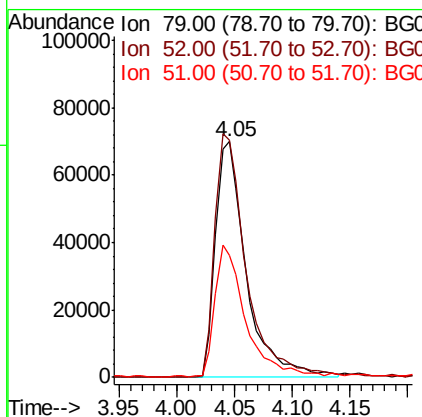
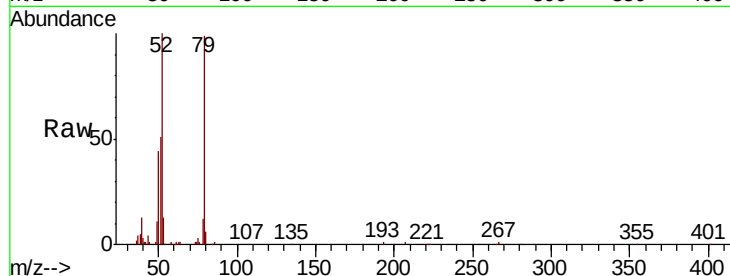
ClientSampleId :

SB-12MSD

Tot Ion:	79	Resp:	129449
Ion	Ratio	Lower	Upper
79	100		
52	100.9	74.0	111.0
51	51.6	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 48.052 ng

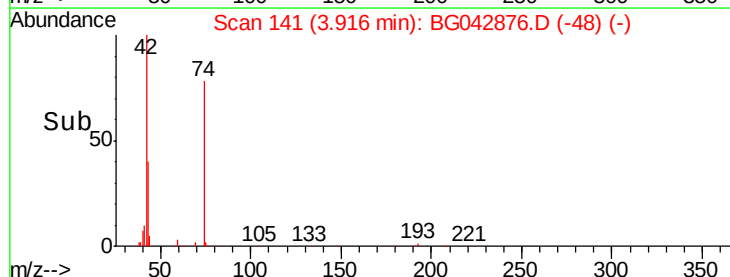
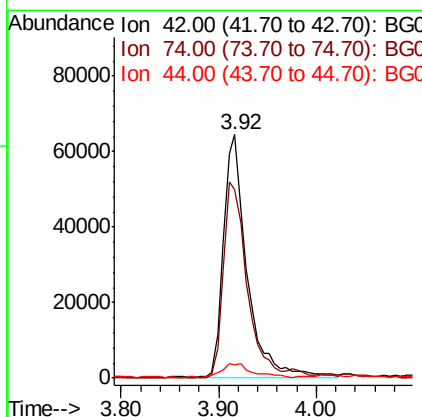
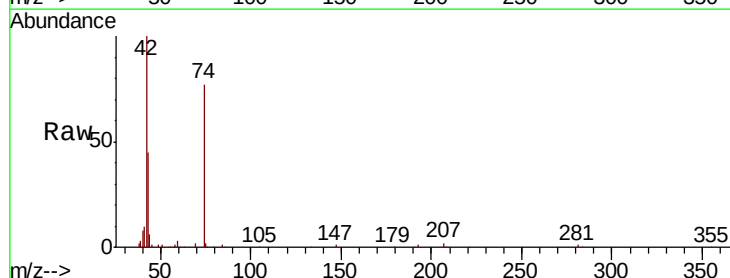
RT: 3.92 min Scan# 141

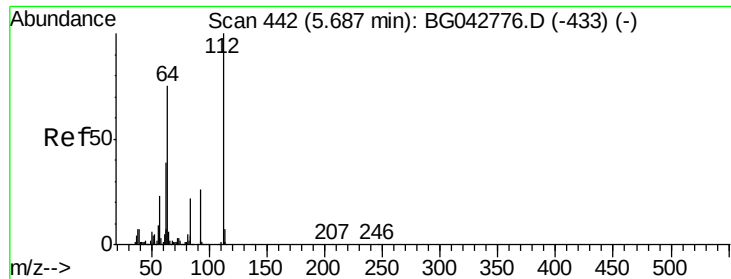
Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	42	Resp:	107306
Ion	Ratio	Lower	Upper
42	100		
74	77.4	90.2	135.2#
44	5.6	6.6	9.8#





#5

2-Fluorophenol

Concen: 139.915 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

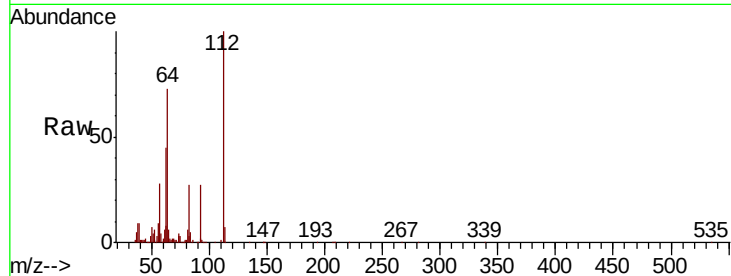
ClientSampleId :

SB-12MSD

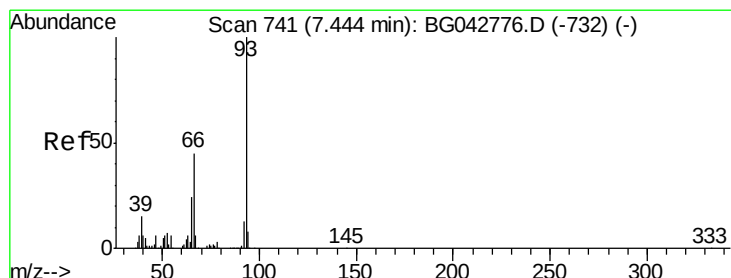
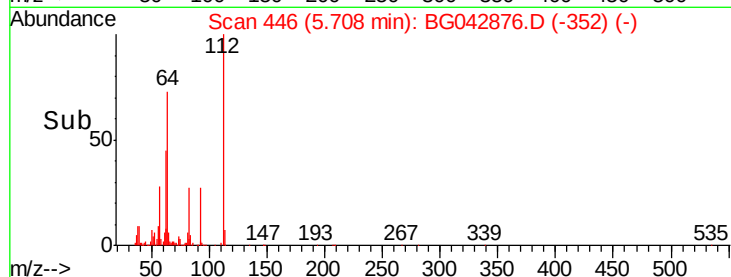
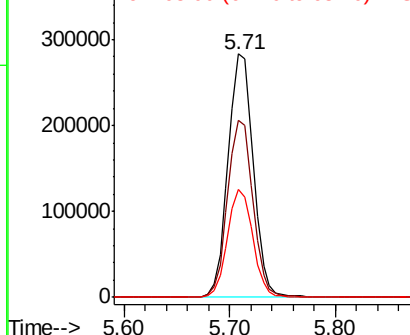
Tot Ion:	112	Resp:	467297
Ion Ratio	Lower	Upper	
112	100		
64	72.9	60.2	90.2
63	44.5	31.2	46.8

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.941 ng

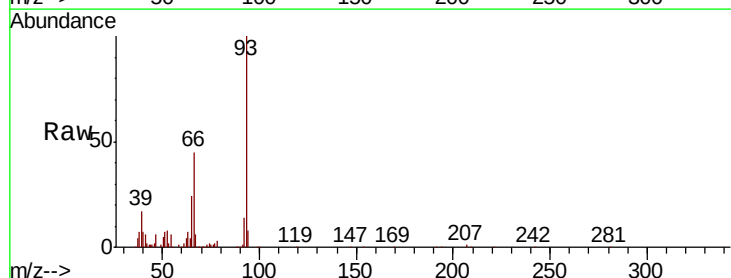
RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

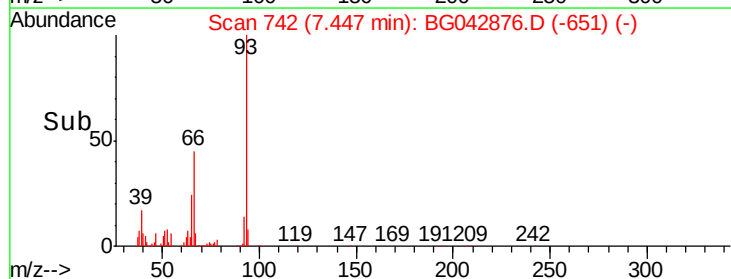
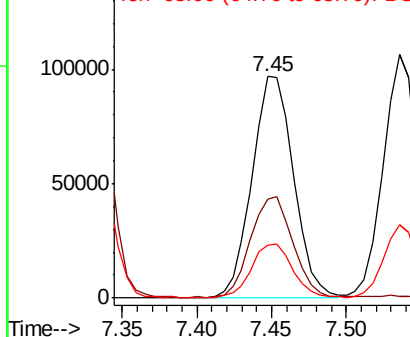
Lab File: BG042876.D

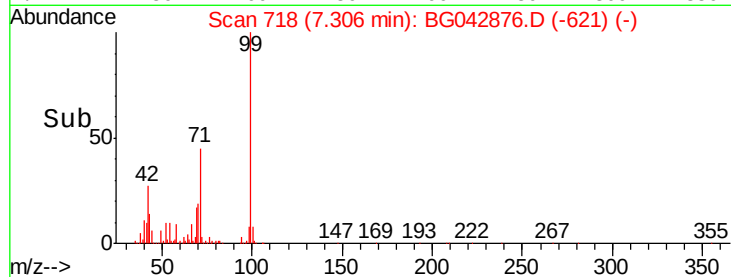
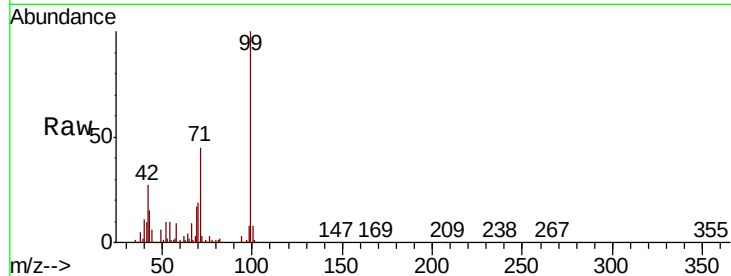
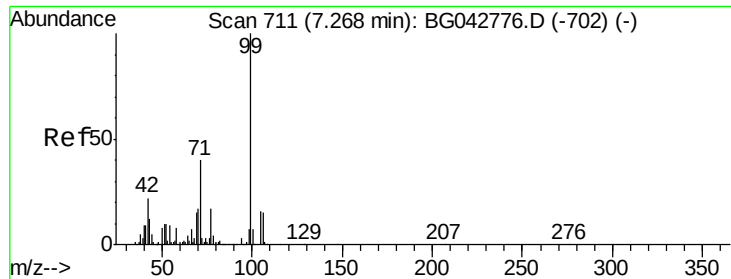
Acq: 17 Sep 2019 20:40

Tgt Ion:	93	Resp:	187183
Ion Ratio	Lower	Upper	
93	100		
66	44.7	36.3	54.5
65	23.6	19.3	28.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.967 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.04 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tot Ion:	99	Resp:	728504
Ion Ratio	Lower	Upper	
99	100		
42	27.4	17.5	26.3#
71	45.0	32.0	48.0

Instrument :

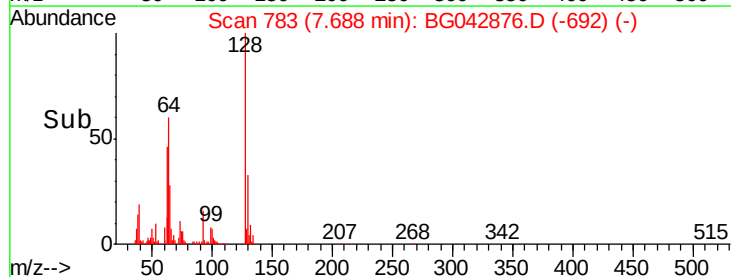
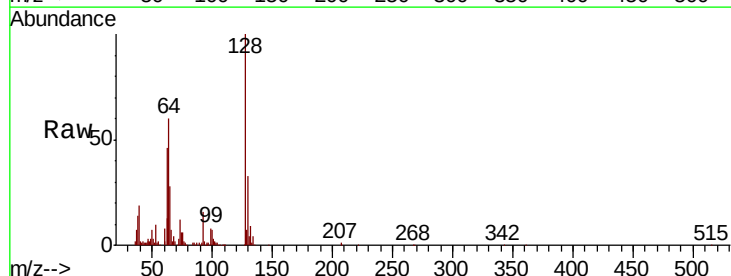
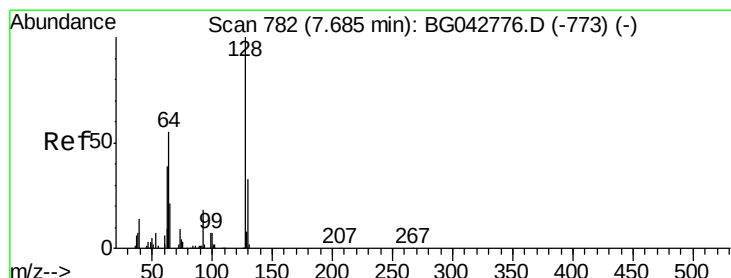
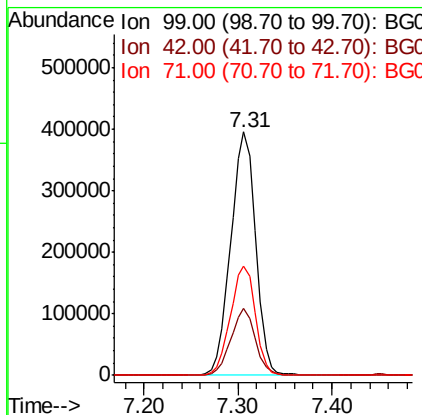
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ClientSampled :

SB-12MSD

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#8

2-Chlorophenol

Concen: 53.911 ng

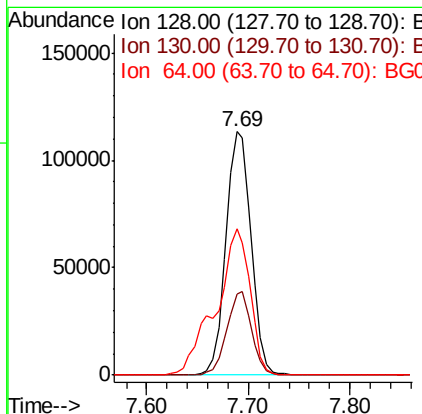
RT: 7.69 min Scan# 783

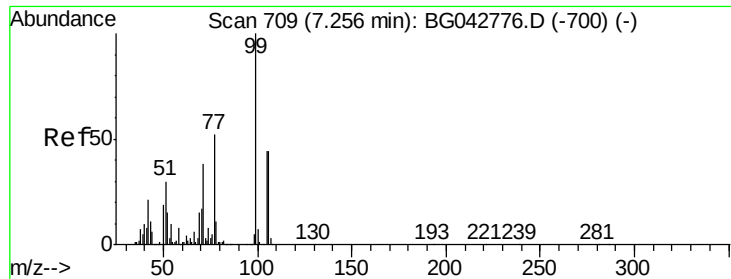
Delta R.T. 0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	128	Resp:	194628
Ion Ratio	Lower	Upper	
128	100		
130	33.2	12.8	52.8
64	60.1	36.8	76.8





#9

Benzaldehyde

Concen: 37.788 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

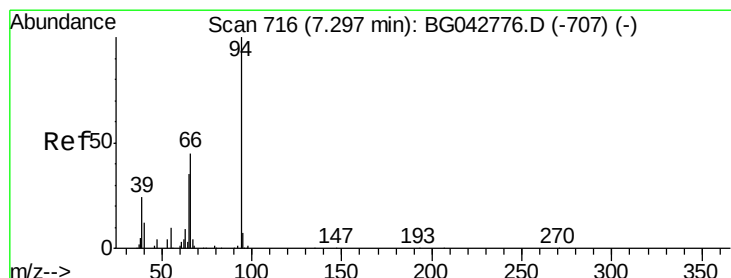
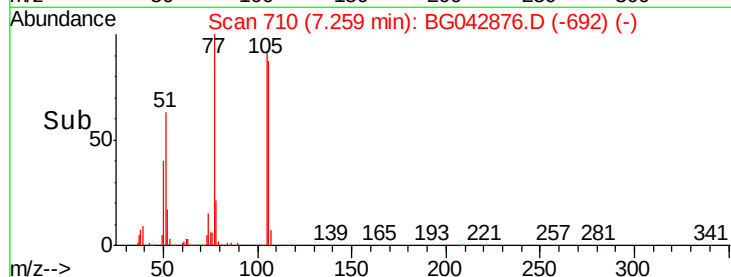
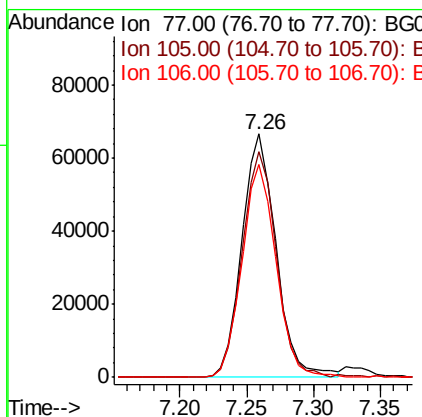
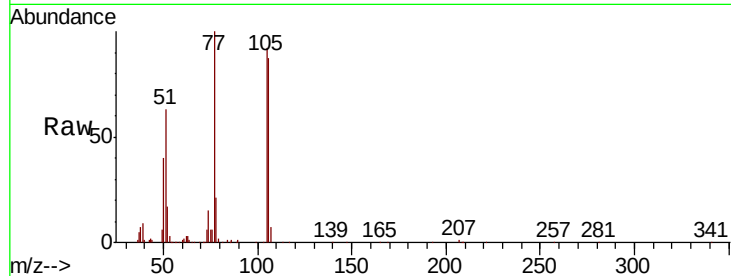
ClientSampleId :

SB-12MSD

Tot Ion:	77	Resp:	117881
Ion	Ratio	Lower	Upper
77	100		
105	92.5	64.5	104.5
106	87.4	63.4	103.4

Manual Integrations
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#10

Phenol

Concen: 56.939 ng

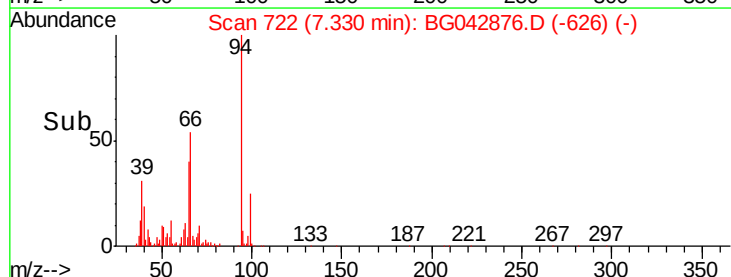
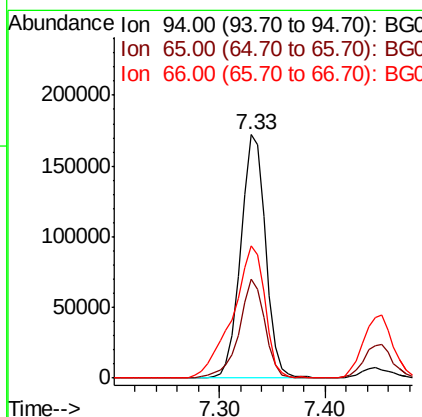
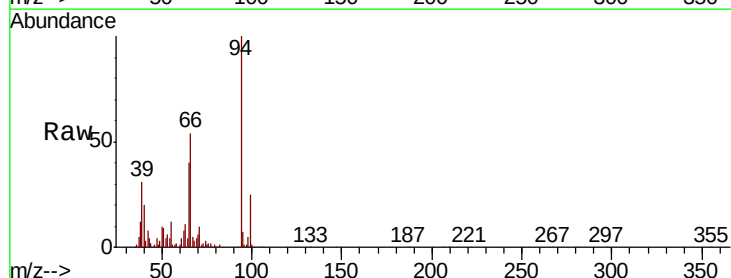
RT: 7.33 min Scan# 722

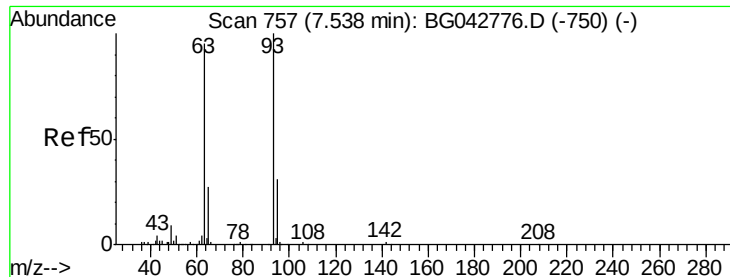
Delta R.T. 0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	94	Resp:	279925
Ion	Ratio	Lower	Upper
94	100		
65	40.5	15.0	55.0
66	54.2	26.1	66.1





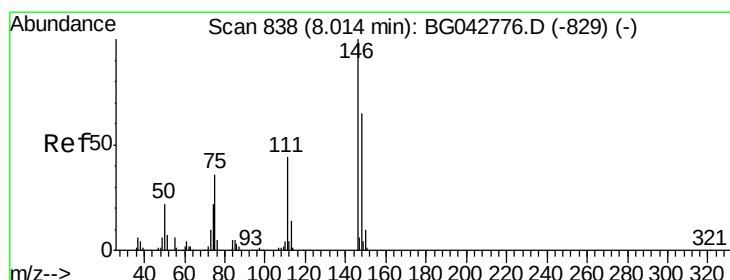
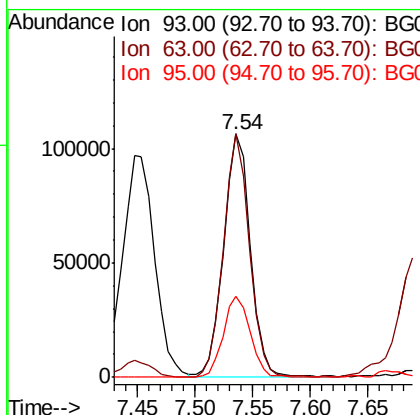
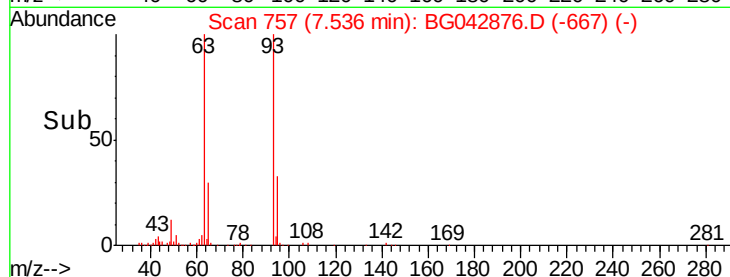
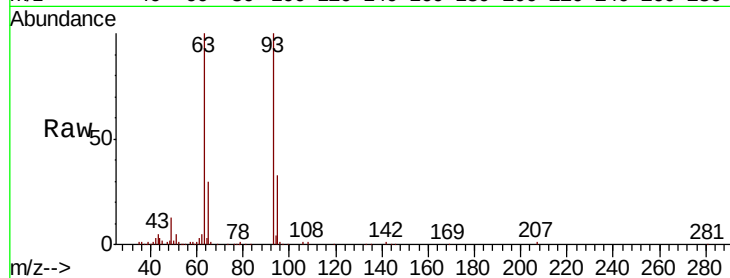
#11
bis(2-Chloroethyl)ether
Concen: 45.516 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampled :
SB-12MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		171731		
63	100.1	74.7	114.7		
95	33.4	11.1	51.1		

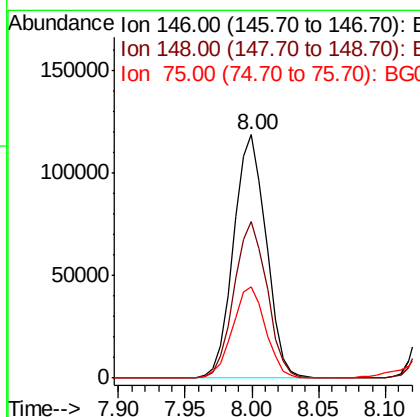
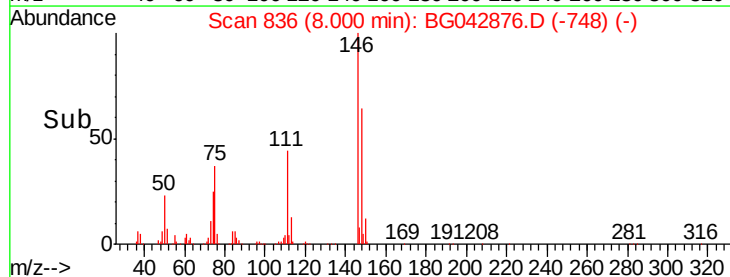
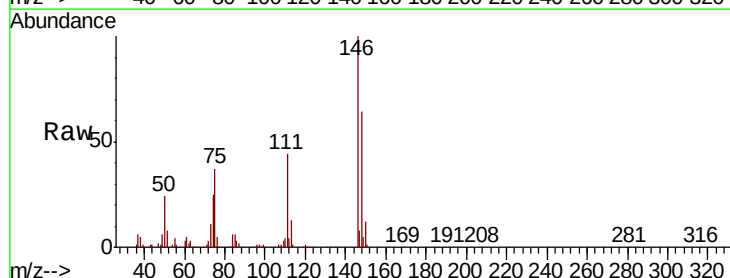
Manual Integrations
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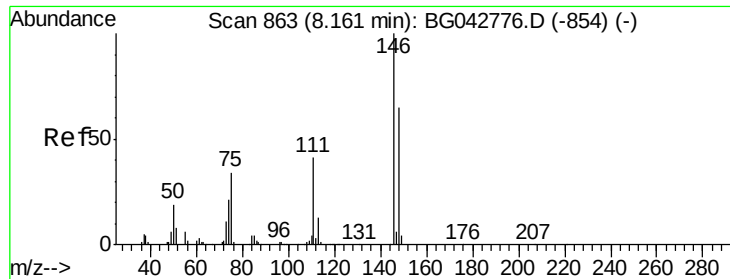
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.649 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		201010		
148	64.1	51.9	77.9		
75	37.4	28.4	42.6		





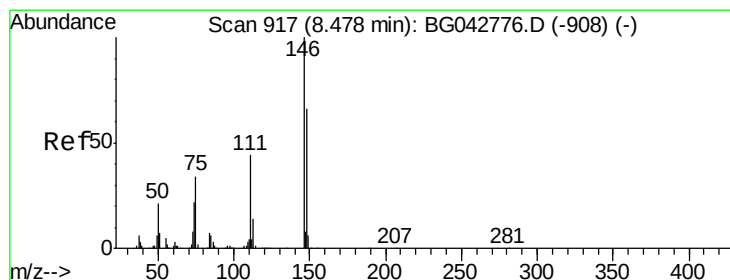
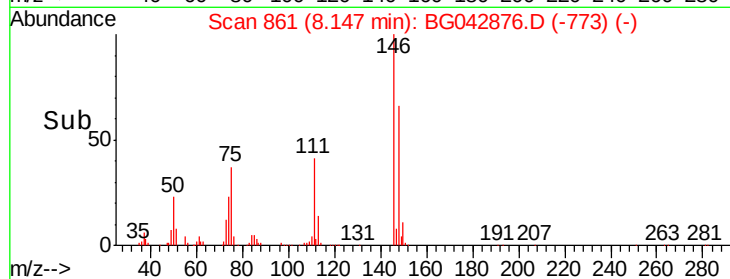
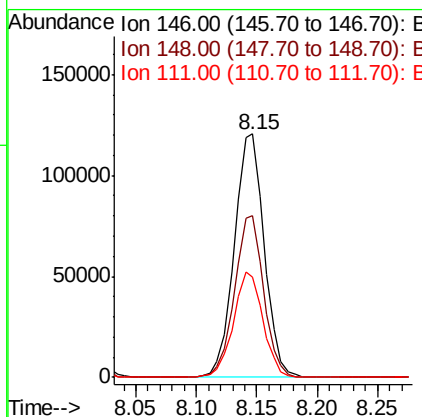
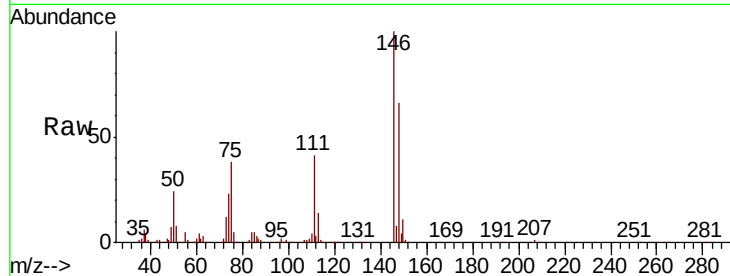
#13
 1,4-Dichlorobenzene
 Concen: 47.242 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.2	78.4
111	41.1	32.6	49.0

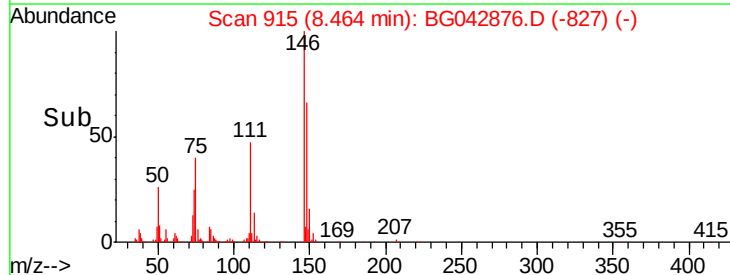
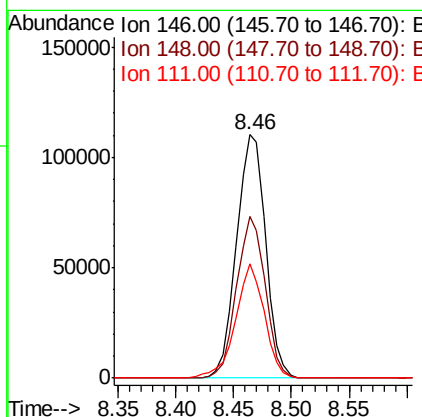
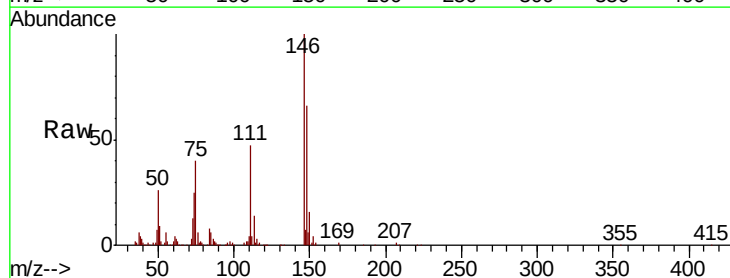
Manual Integrations
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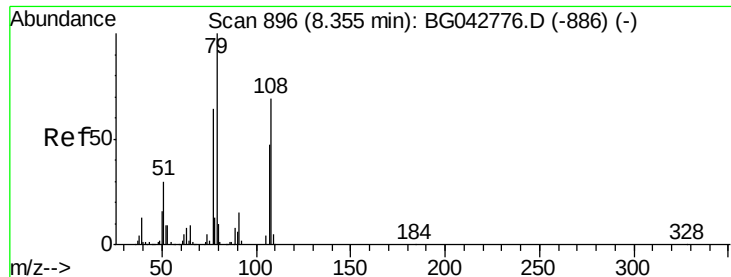
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 45.955 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	52.6	78.8
111	47.2	35.3	52.9





#15

Benzyl Alcohol

Concen: 51.414 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

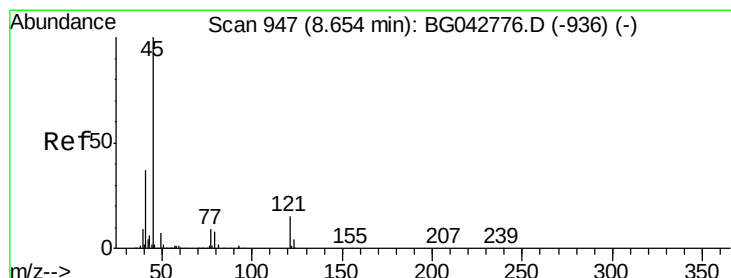
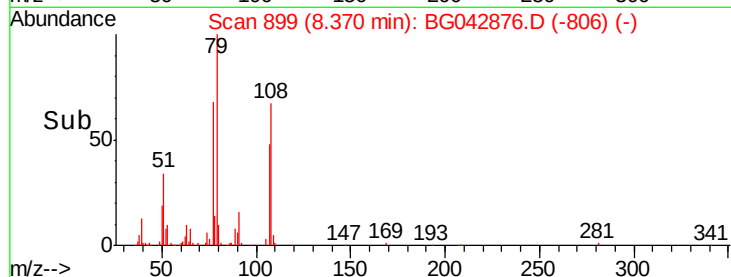
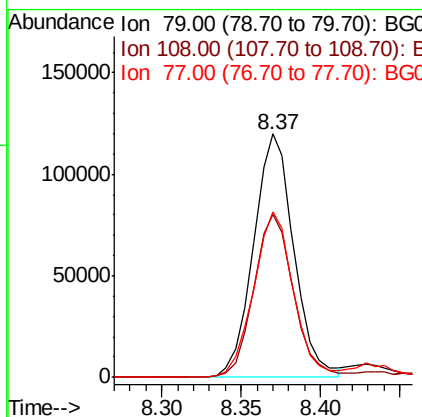
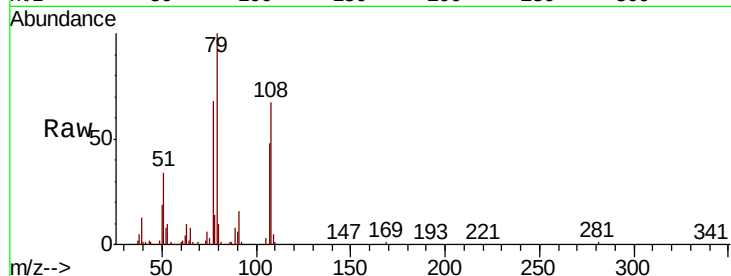
ClientSampleId :

SB-12MSD

Tot Ion:	79	Resp:	211515
Ion Ratio	Lower	Upper	
79	100		
108	67.0	54.9	82.3
77	68.2	51.0	76.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.597 ng

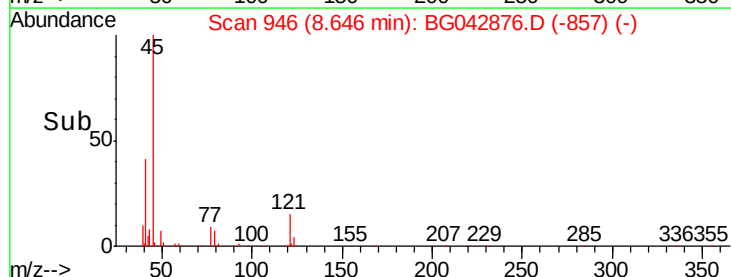
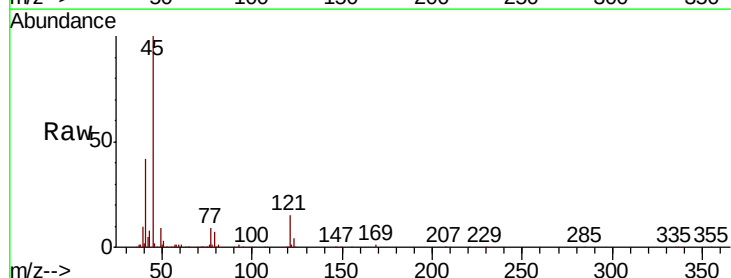
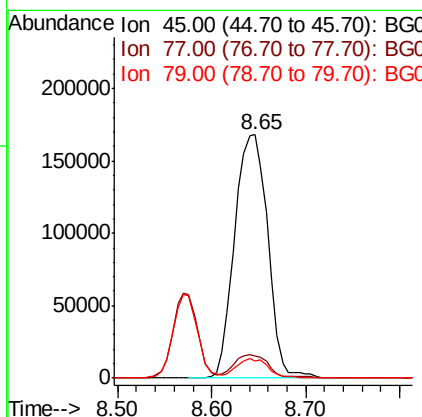
RT: 8.65 min Scan# 946

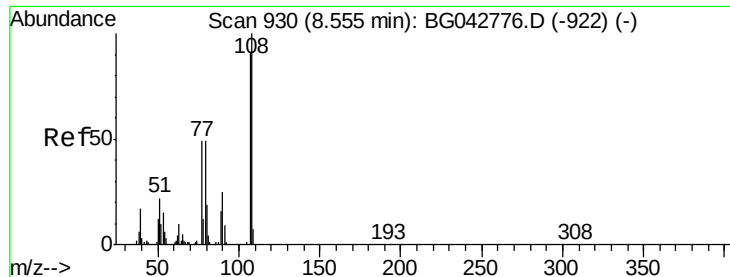
Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	45	Resp:	410940
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	29.4
79	7.2	0.0	28.4





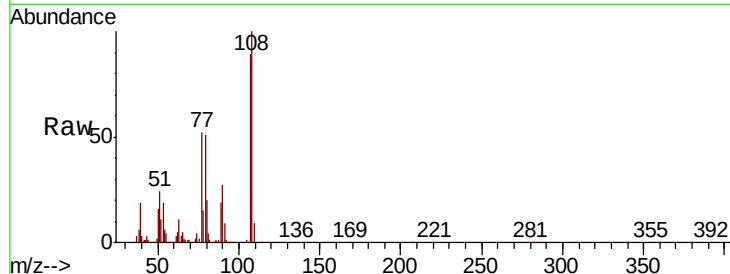
#17
2-Methylphenol
Concen: 54.250 ng
RT: 8.57 min Scan# 933
Delta R.T. 0.02 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	87.7	131.5	
77	58.5	42.6	64.0	
79	57.4	43.4	65.2	

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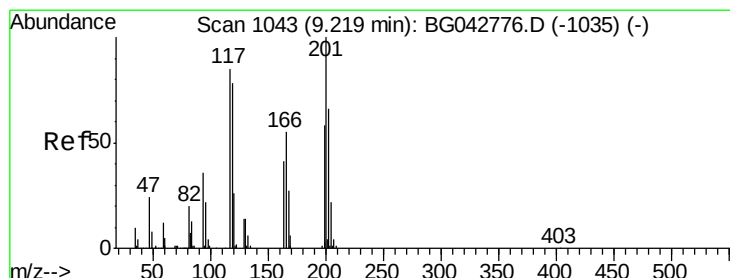
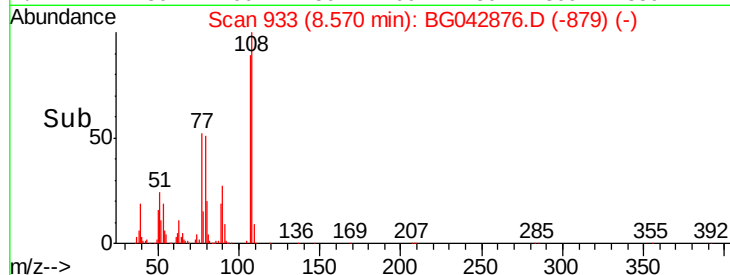
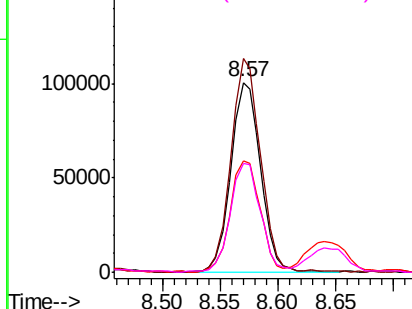
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

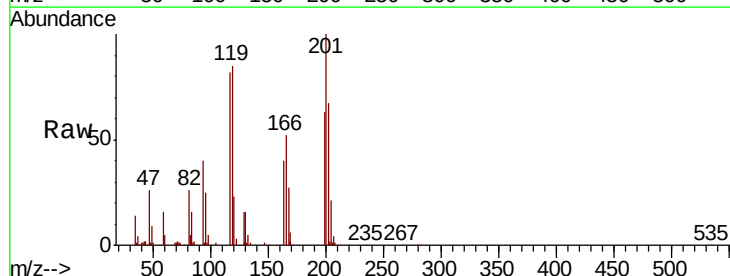
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 46.870 ng
RT: 9.19 min Scan# 1039
Delta R.T. -0.03 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	104.8	73.8	110.8	
201	122.6	94.6	142.0	

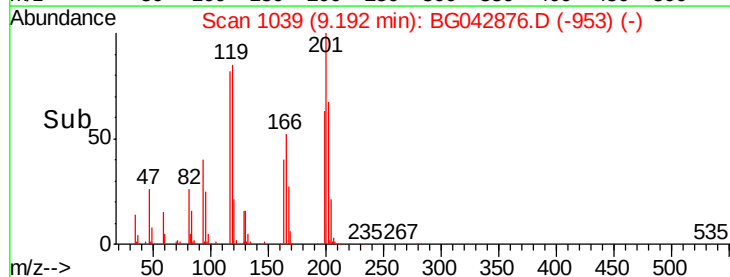
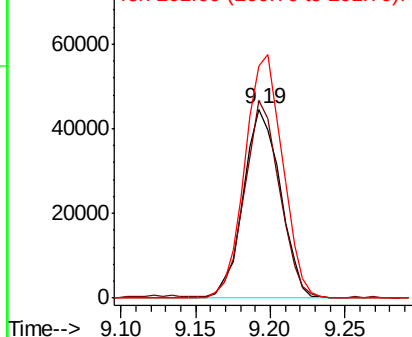


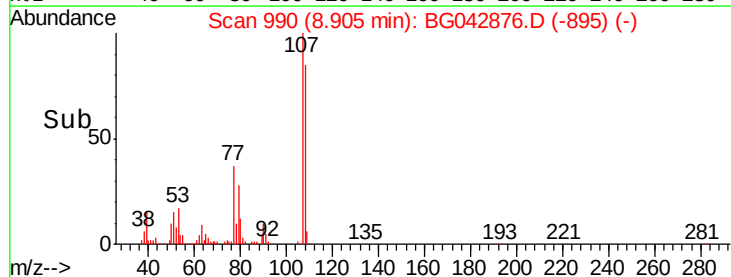
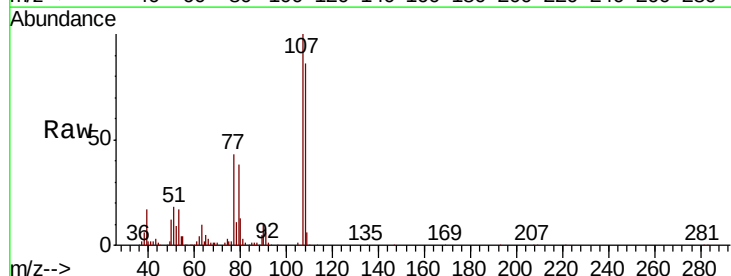
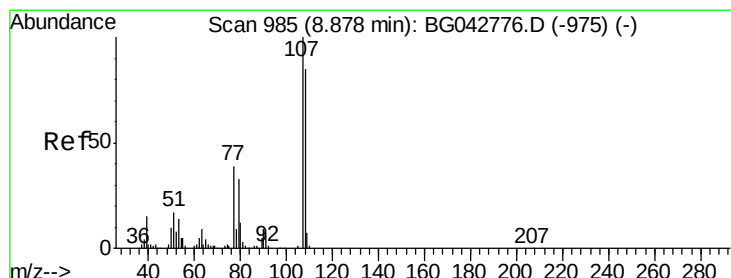
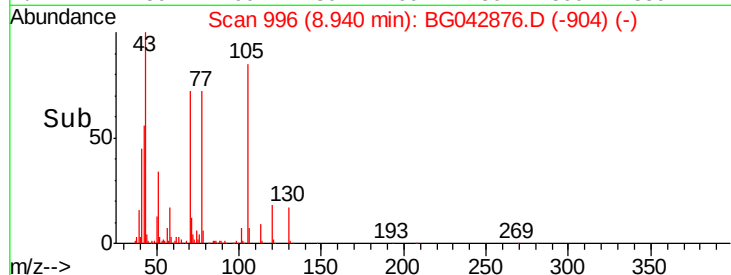
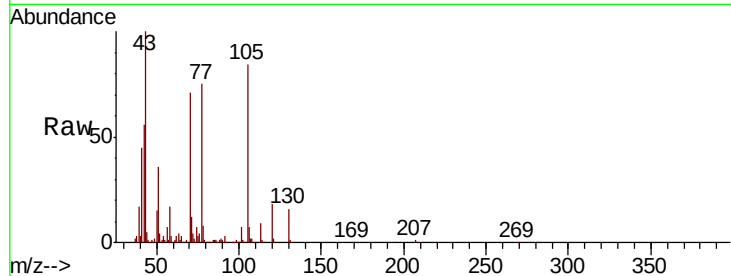
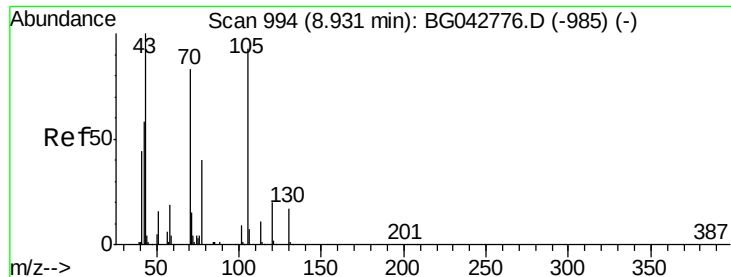
Abundance

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





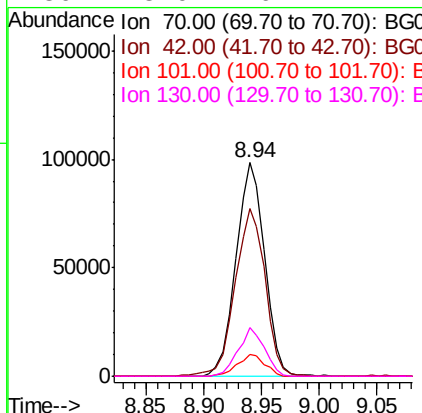
#19
n-Nitroso-di-n-propylamine
Concen: 47.922 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.3	57.0	85.6
101	10.4	8.4	12.6
130	23.0	16.1	24.1

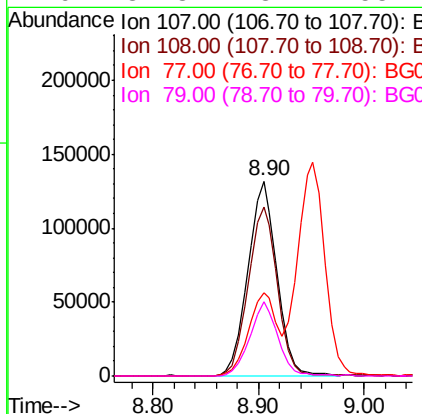
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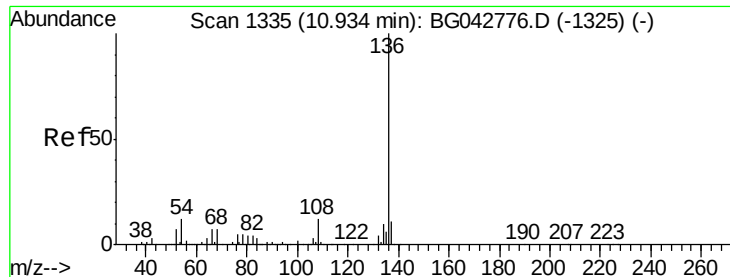
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#20
3+4-Methylphenols
Concen: 55.244 ng
RT: 8.90 min Scan# 990
Delta R.T. 0.03 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.3	65.4	105.4
77	42.9	18.7	58.7
79	37.8	13.7	53.7





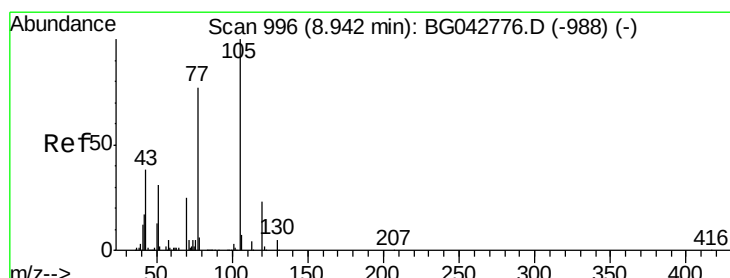
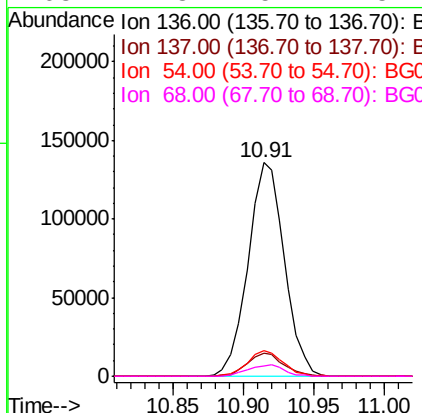
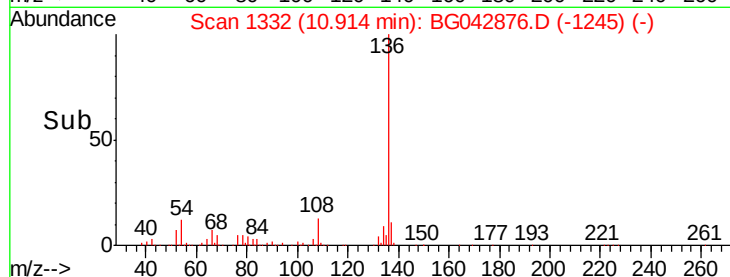
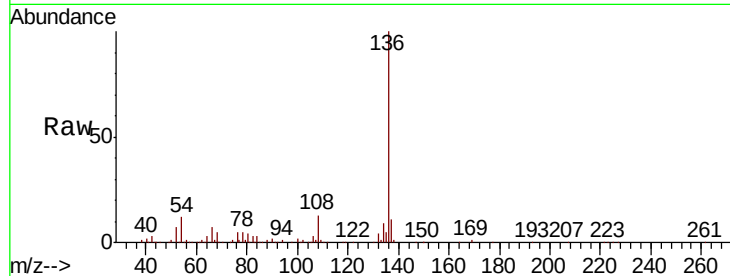
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	245408		
137	10.9		9.0	13.6
54	11.9		9.4	14.0
68	4.8		5.4	8.2#

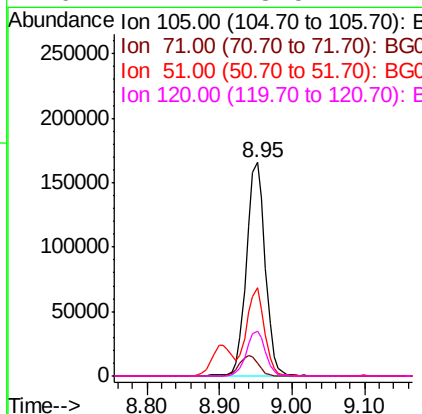
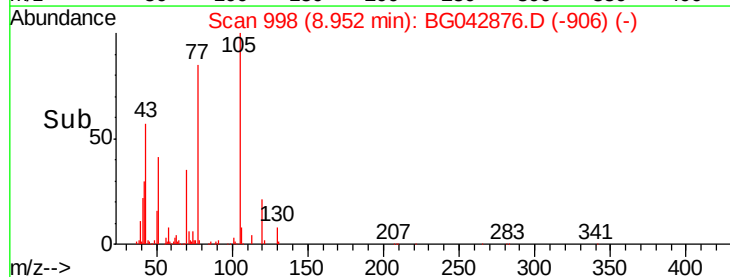
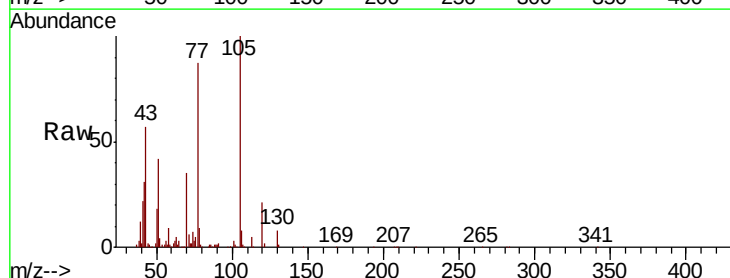
Manual Integrations
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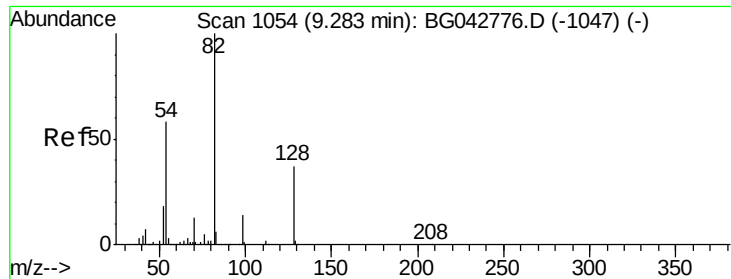
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#22
Acetophenone
Concen: 48.348 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299654		
71	6.0		3.7	5.5#
51	41.6		28.8	43.2
120	21.1		18.5	27.7





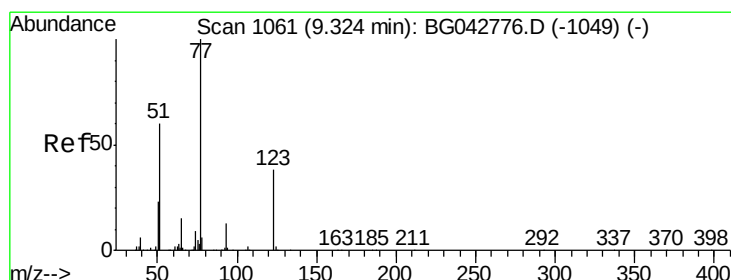
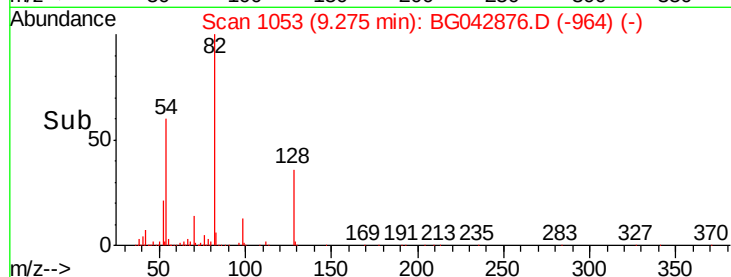
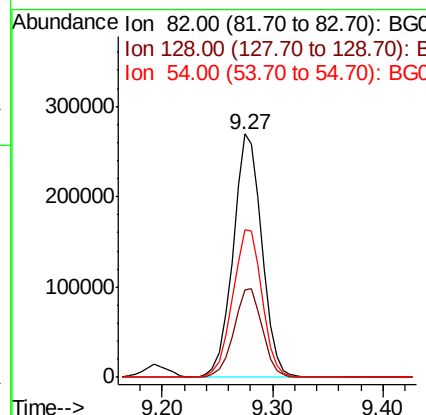
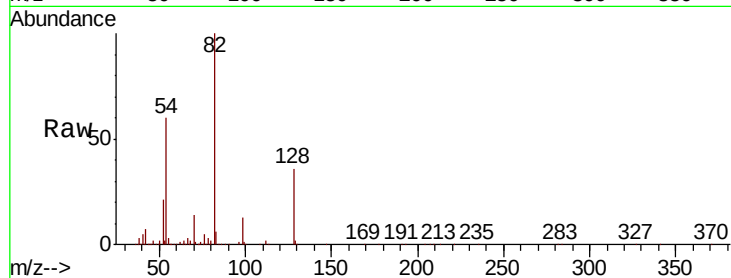
#23
 Nitrobenzene-d5
 Concen: 103.891 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	489713		
128	36.0	29.8	44.8	
54	60.4	46.1	69.1	

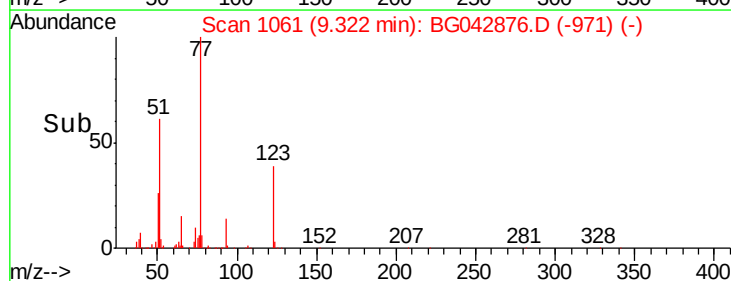
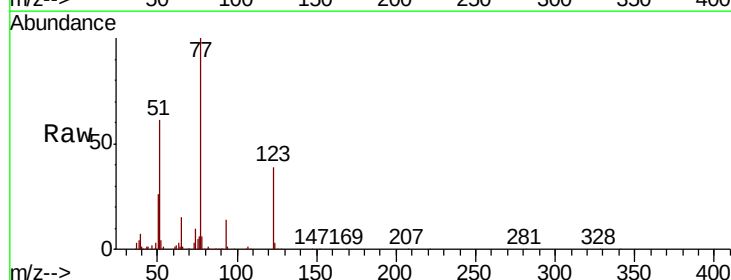
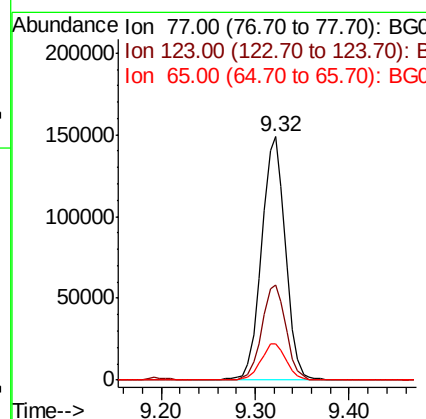
Manual Integrations
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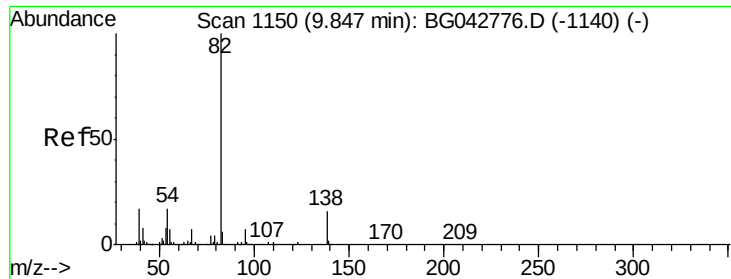
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#24
 Nitrobenzene
 Concen: 52.845 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.00 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	261464		
123	39.0	30.7	46.1	
65	15.0	12.2	18.4	





#25

Isophorone

Concen: 47.940 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

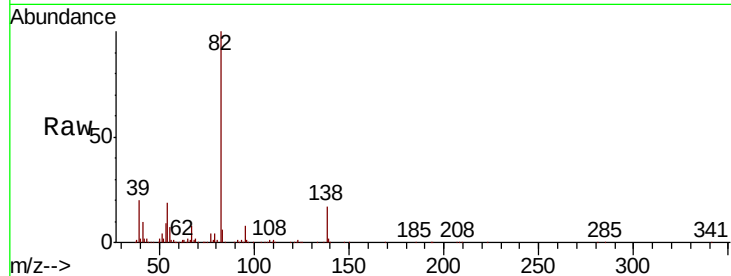
ClientSampleId :

SB-12MSD

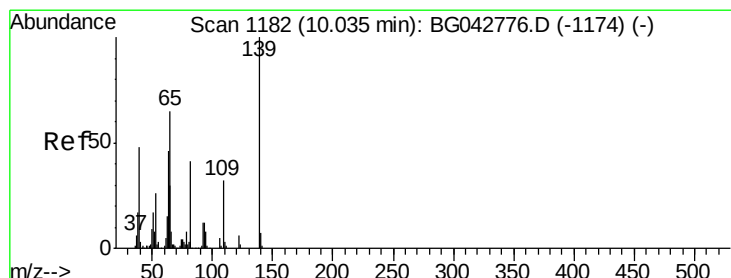
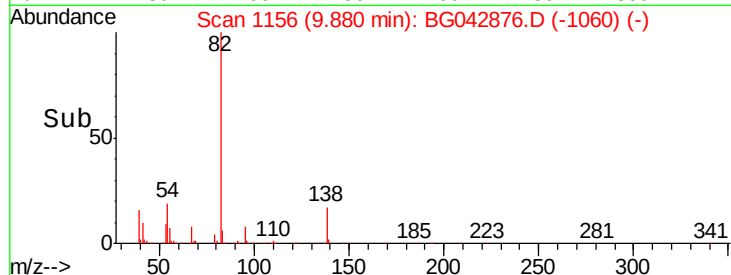
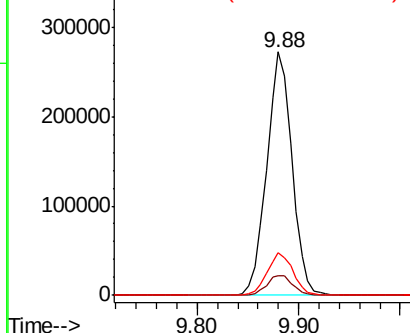
Tot Ion:	82	Resp:	471026
Ion Ratio	Lower	Upper	
82	100		
95	8.1	5.8	8.8
138	17.3	12.9	19.3

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



#26

2-Nitrophenol

Concen: 59.702 ng

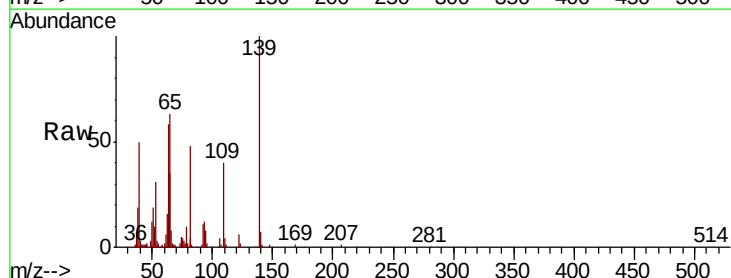
RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

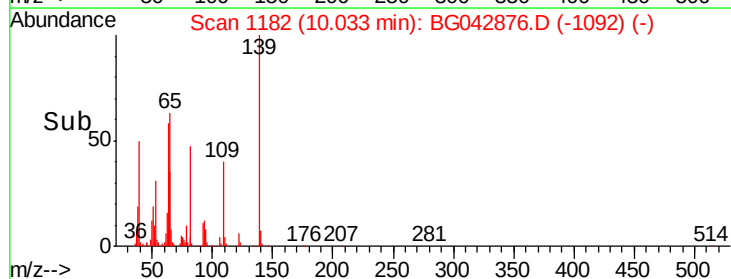
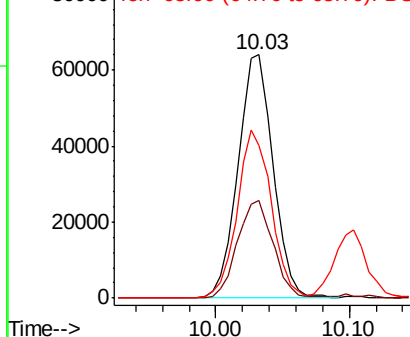
Lab File: BG042876.D

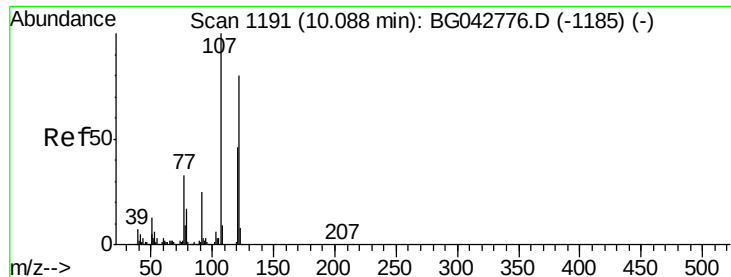
Acq: 17 Sep 2019 20:40

Tgt Ion:	139	Resp:	116156
Ion Ratio	Lower	Upper	
139	100		
109	40.2	25.8	38.8#
65	62.6	52.2	78.2



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





#27

2,4-Dimethylphenol

Concen: 58.810 ng

RT: 10.10 min Scan# 1194

Delta R.T. 0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

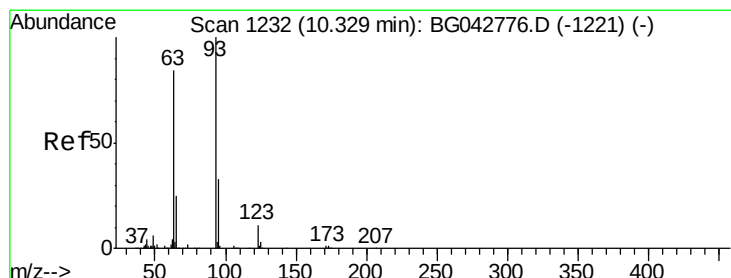
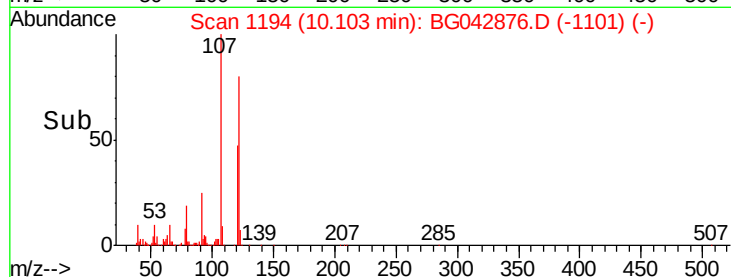
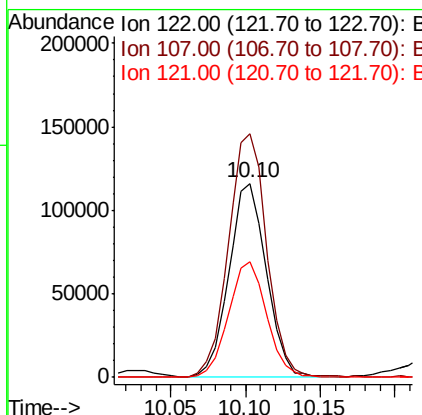
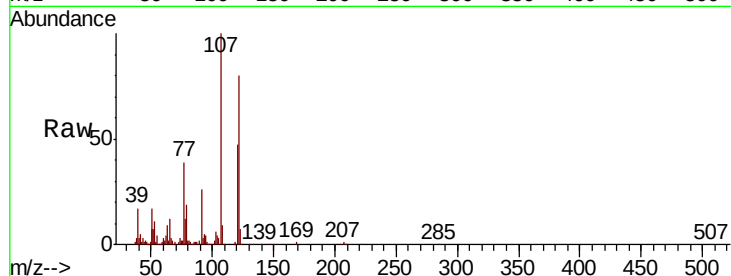
ClientSampleId :

SB-12MSD

Tot Ion:	122	Resp:	202399
Ion	Ratio	Lower	Upper
122	100		
107	125.3	98.9	148.3
121	59.2	46.2	69.2

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 48.354 ng

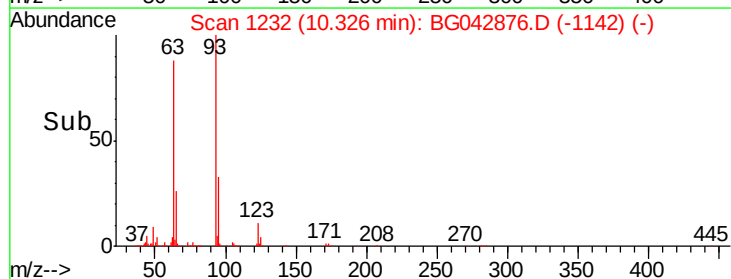
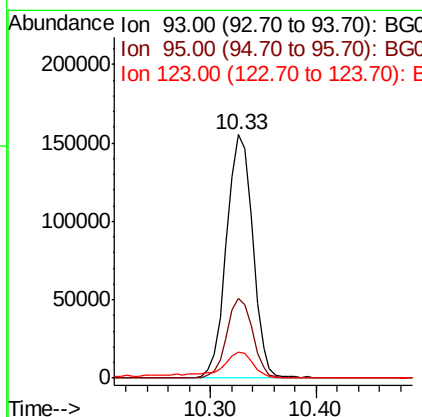
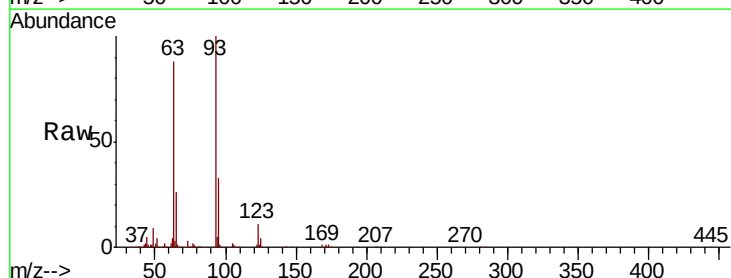
RT: 10.33 min Scan# 1232

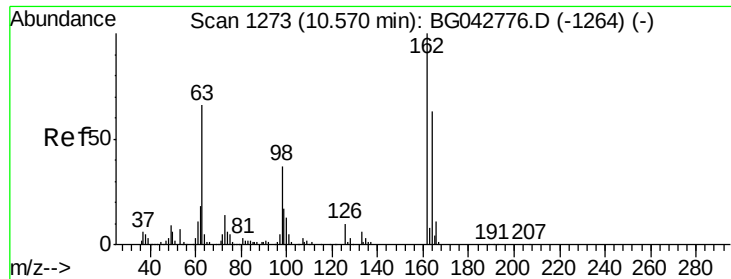
Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	93	Resp:	264949
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.6	40.0
123	10.9	9.0	13.6





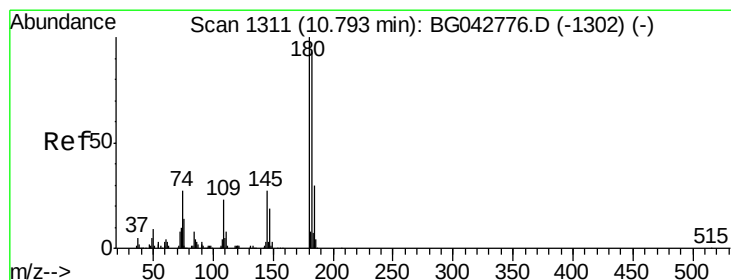
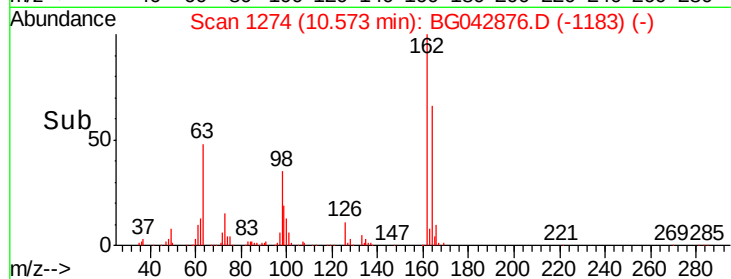
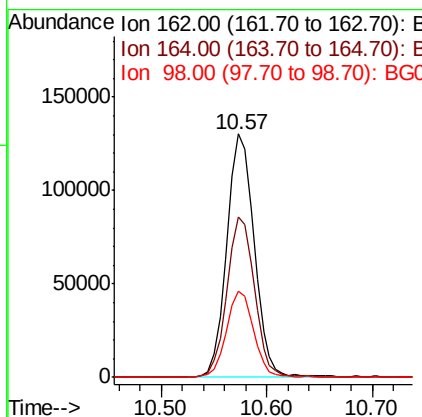
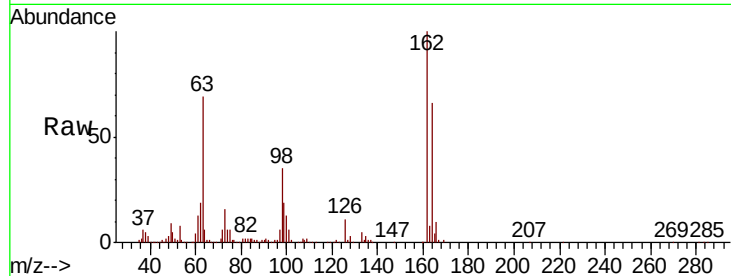
#29
 2,4-Dichlorophenol
 Concen: 58.746 ng
 RT: 10.57 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion:	162	Resp:	234945
Ion Ratio	Lower	Upper	
162	100		
164	66.0	43.4	83.4
98	35.3	17.0	57.0

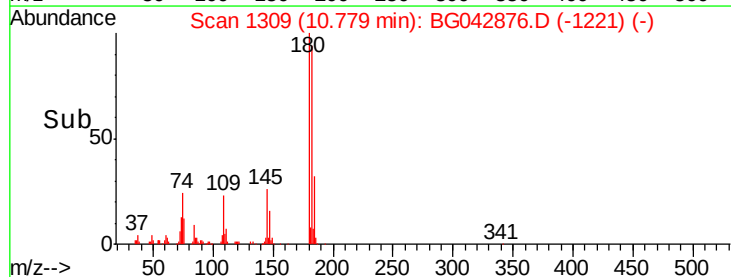
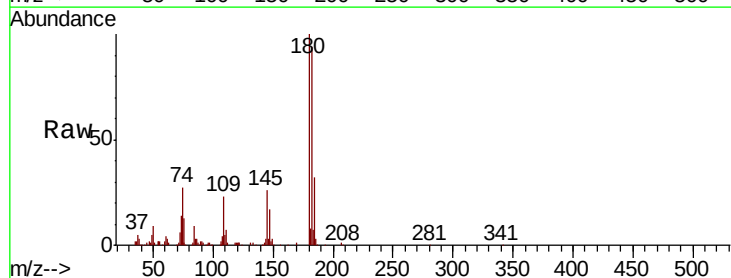
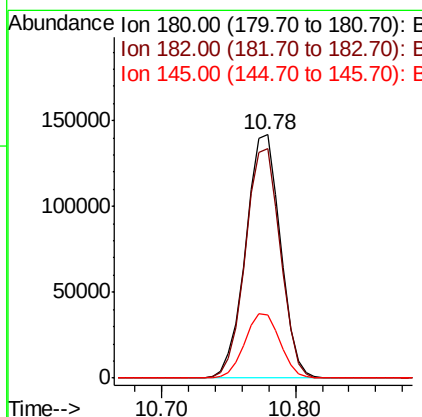
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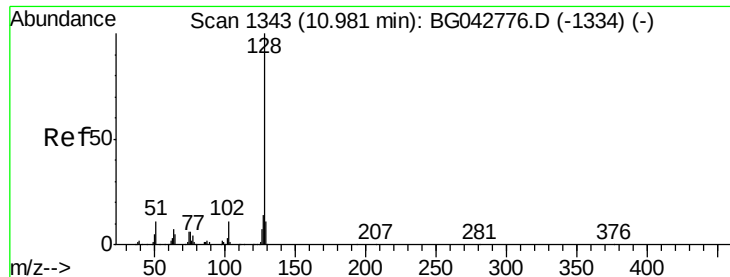
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 52.197 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion:	180	Resp:	254868
Ion Ratio	Lower	Upper	
180	100		
182	94.3	74.6	112.0
145	25.9	21.8	32.6





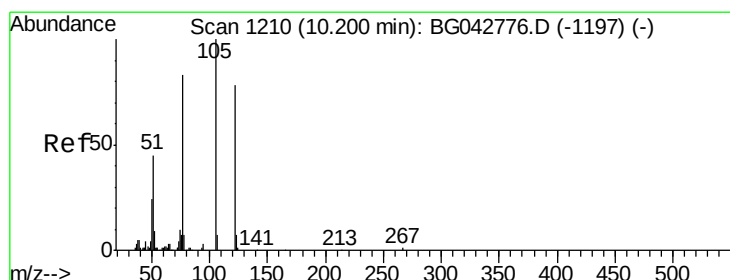
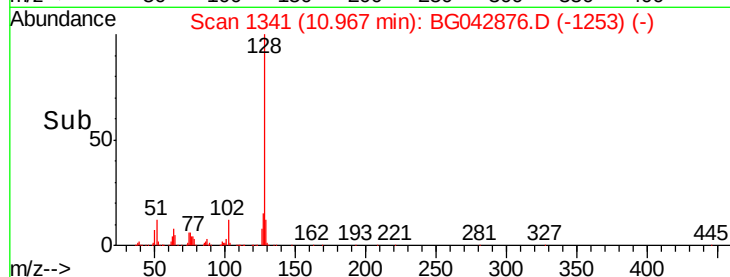
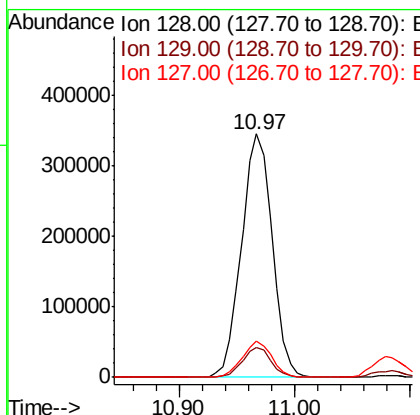
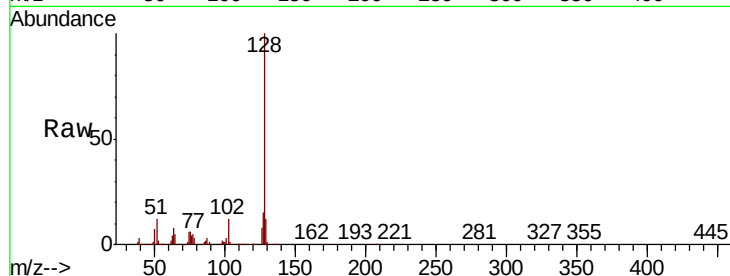
#31
Naphthalene
Concen: 52.664 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	638106		
129	12.3		9.0	13.6
127	14.9		11.4	17.2

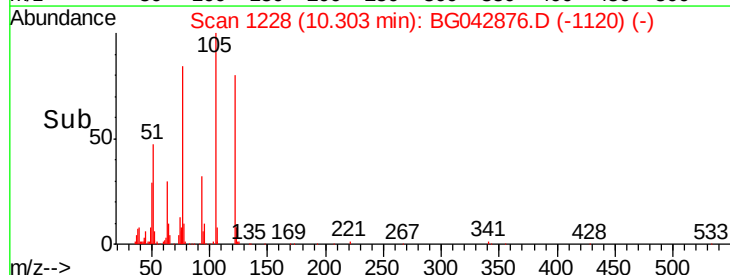
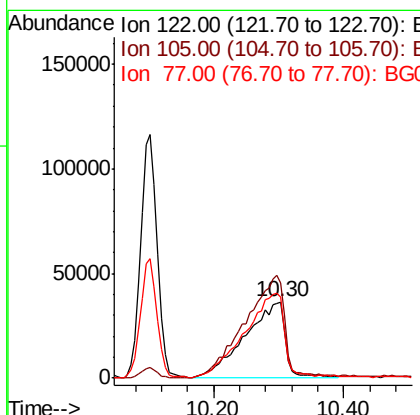
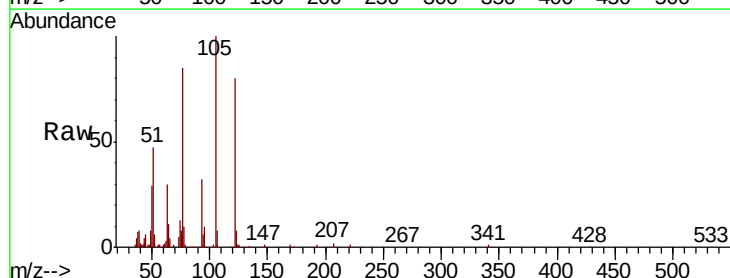
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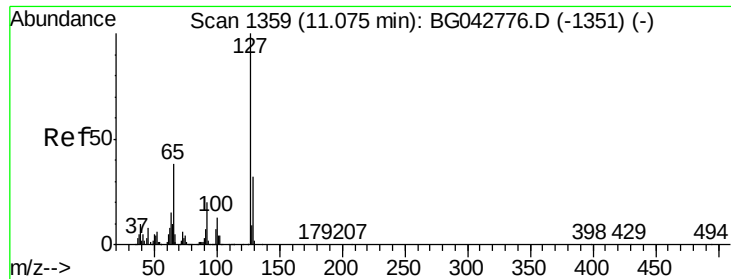
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#32
Benzoic acid
Concen: 54.013 ng
RT: 10.30 min Scan# 1228
Delta R.T. 0.10 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	152726		
105	125.6		104.0	144.0
77	106.4		84.2	124.2





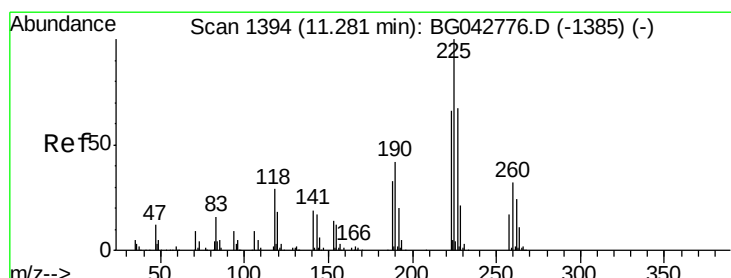
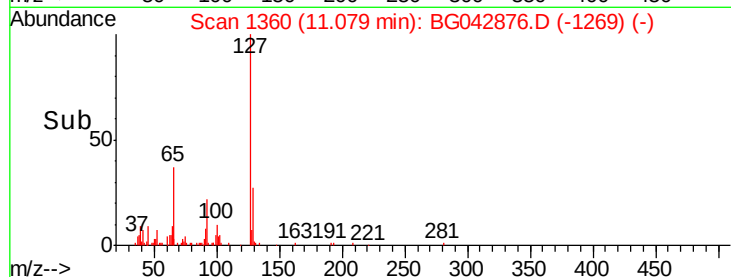
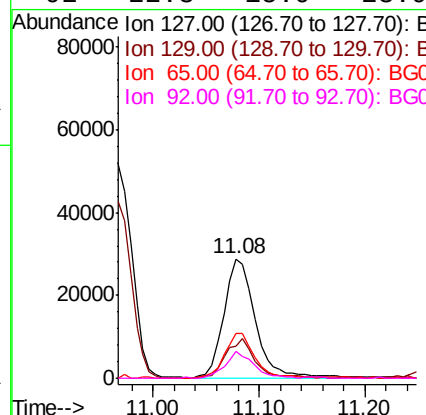
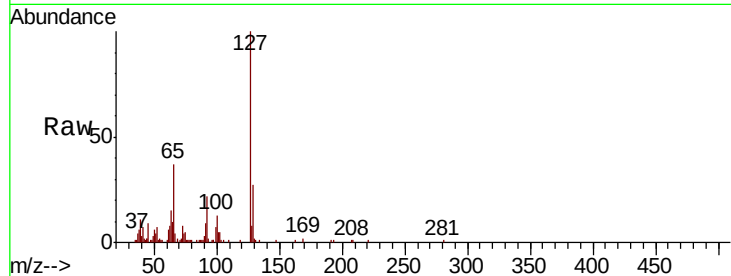
#33
4-Chloroaniline
Concen: 10.598 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		60021		
129	27.3	25.8	38.6		
65	37.3	30.5	45.7		
92	22.3	15.9	23.9		

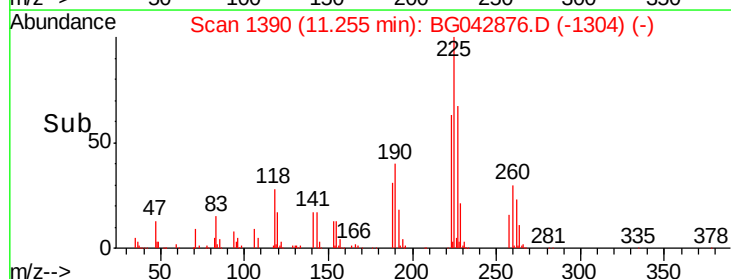
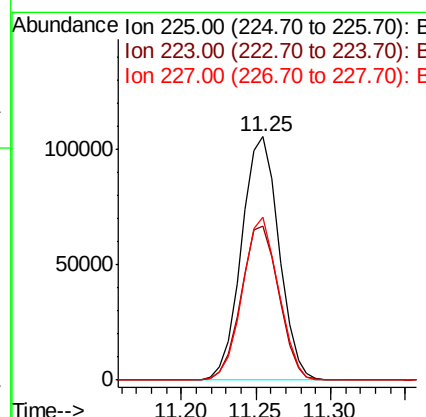
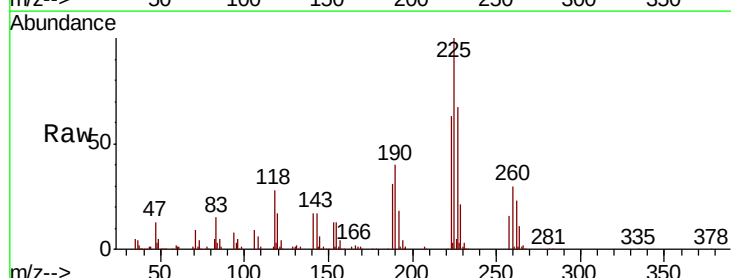
Manual Integrations
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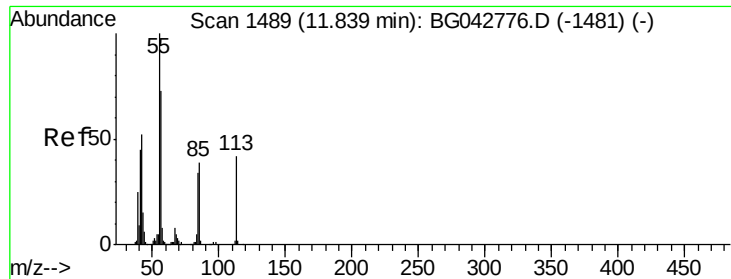
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#34
Hexachlorobutadiene
Concen: 53.321 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		182416		
223	63.3	52.6	79.0		
227	67.1	53.6	80.4		





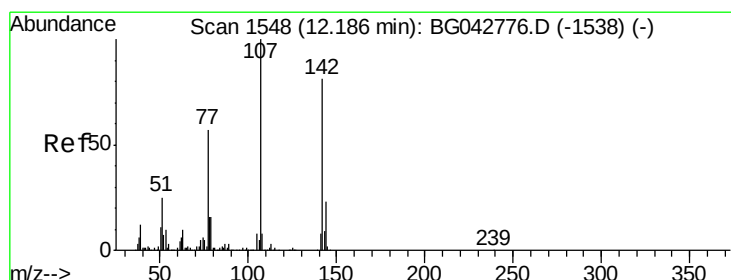
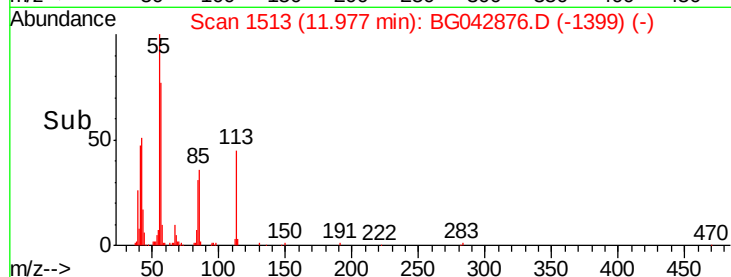
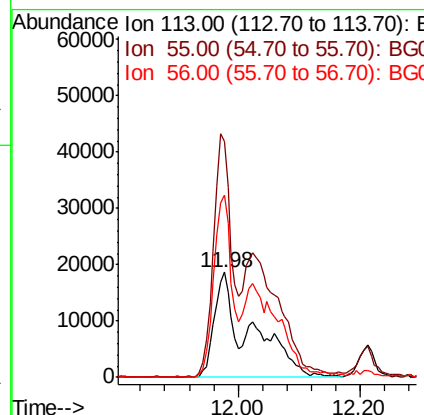
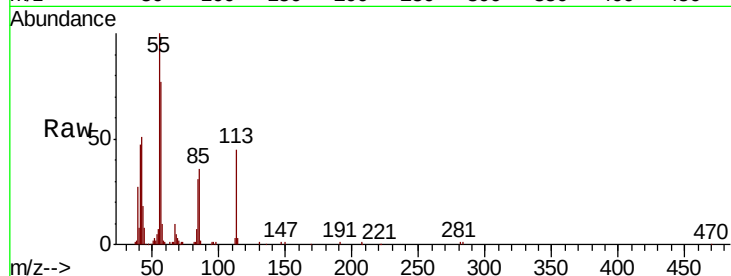
#35
 Caprolactam
 Concen: 51.007 ng/ml
 RT: 11.98 min Scan# 1513
 Delta R.T. 0.14 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleID :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	224.4	218.4	258.4
56	173.0	154.8	194.8

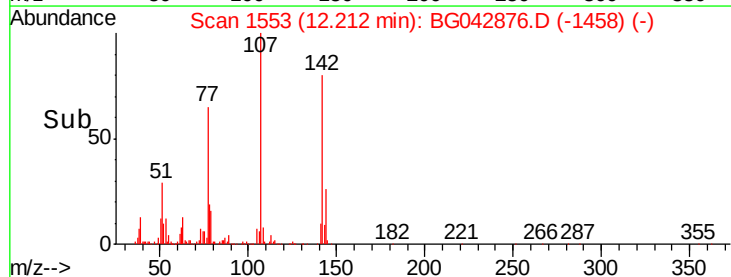
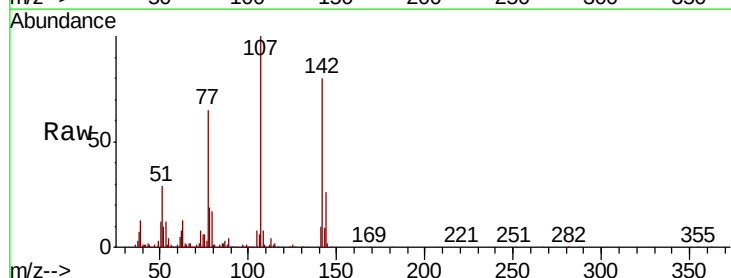
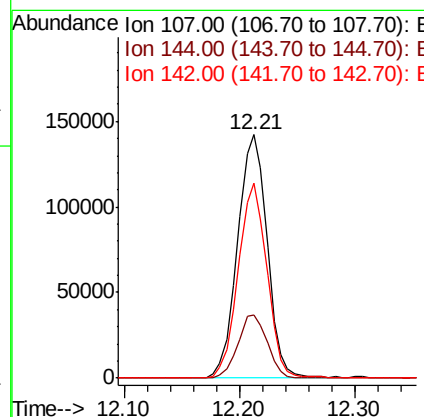
Manual Integrations
 APPROVED

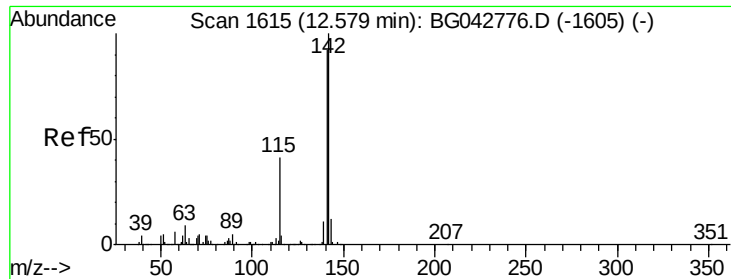
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 58.292 ng/ml
 RT: 12.21 min Scan# 1553
 Delta R.T. 0.03 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	18.7	28.1
142	80.1	65.0	97.4





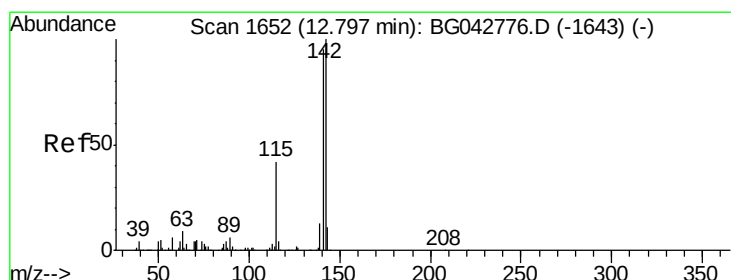
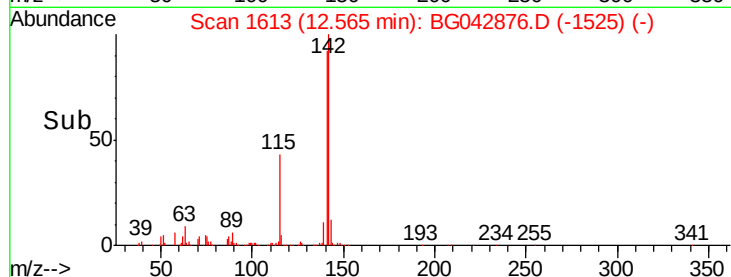
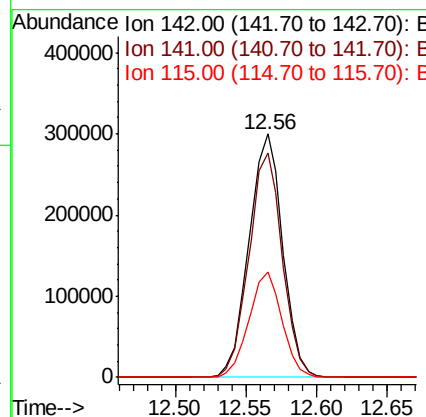
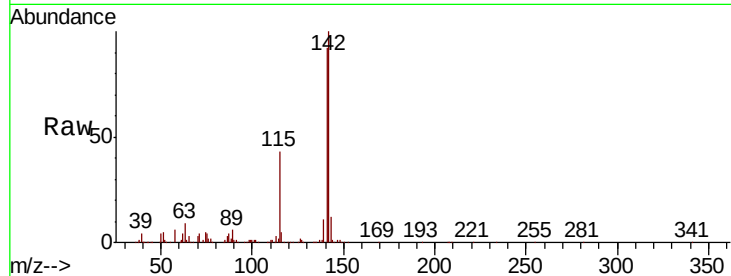
#37
2-Methylnaphthalene
Concen: 55.292 ng
RT: 12.56 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	501854		
141	92.0		73.8	110.8
115	43.2		33.0	49.4

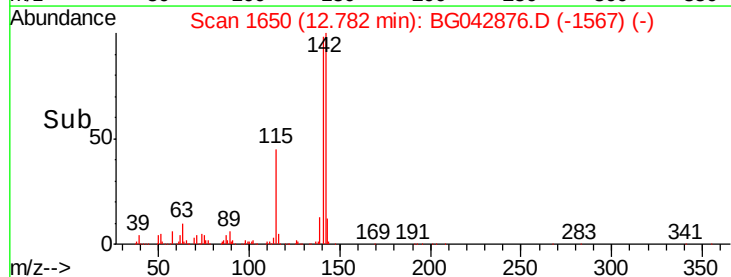
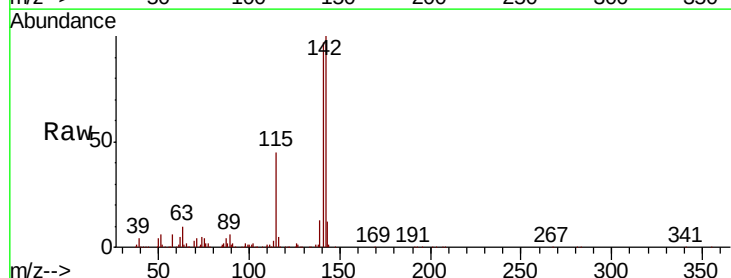
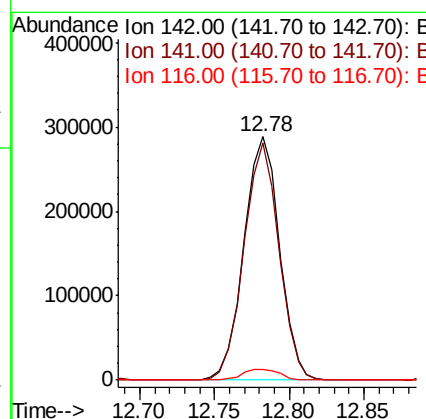
Manual Integrations
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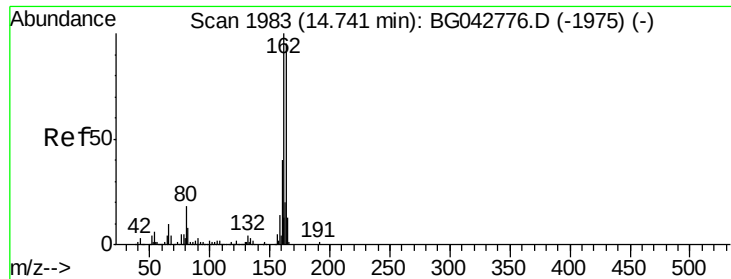
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#38
1-Methylnaphthalene
Concen: 55.966 ng
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	476430		
141	97.5		76.3	114.5
116	4.5		3.4	5.0





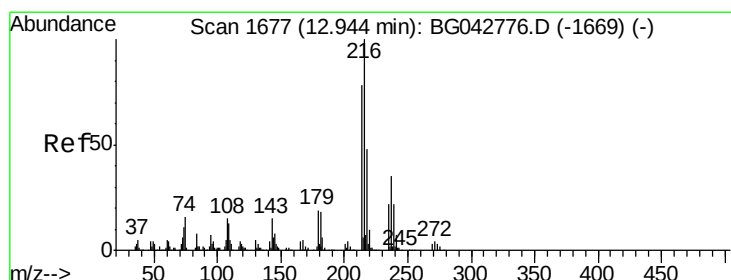
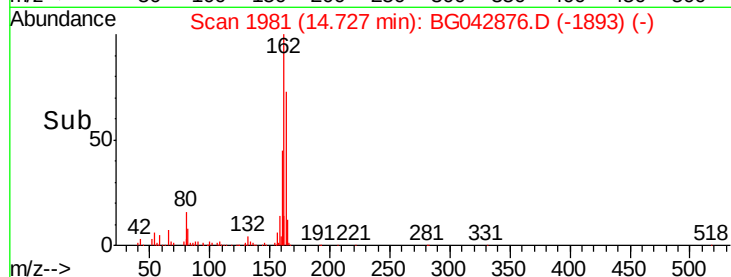
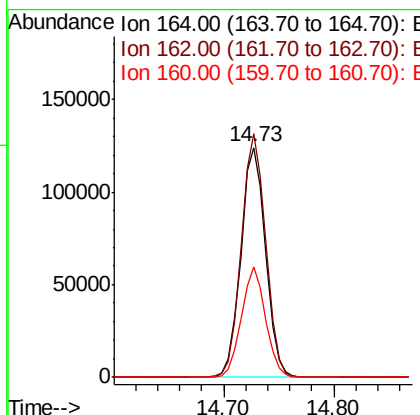
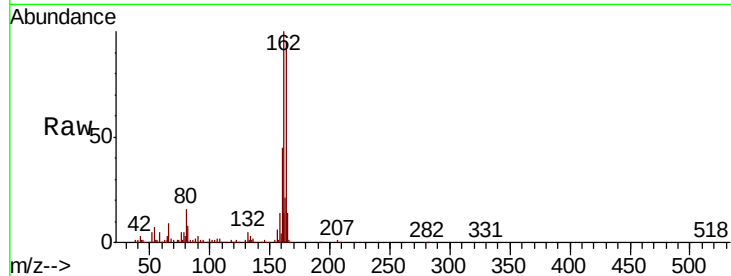
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.6	126.8
160	47.8	34.2	51.2

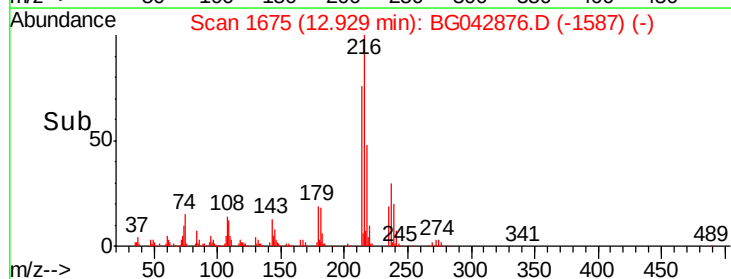
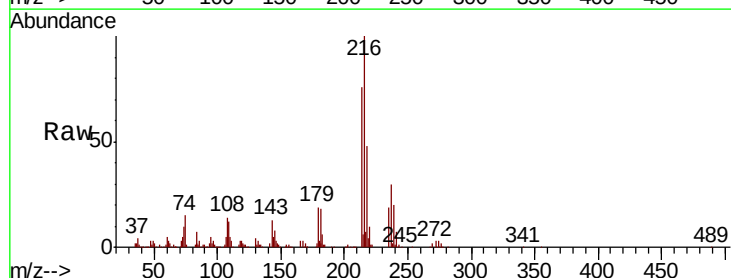
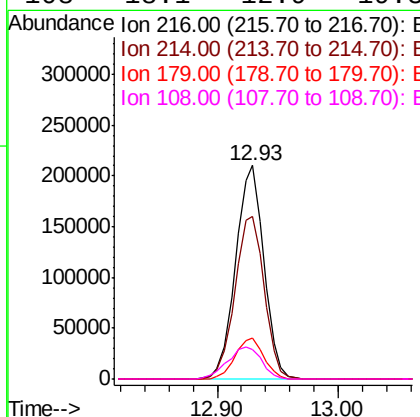
Manual Integrations
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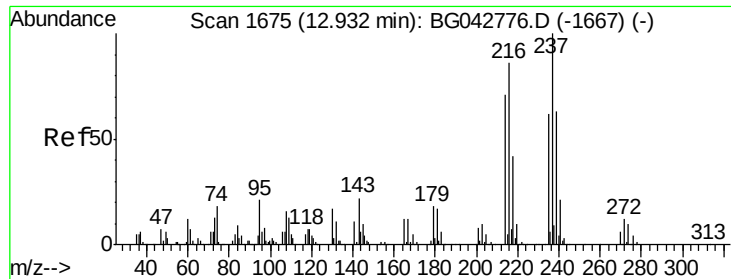
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.392 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.8	94.2
179	19.5	15.3	22.9
108	18.1	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 129.532 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

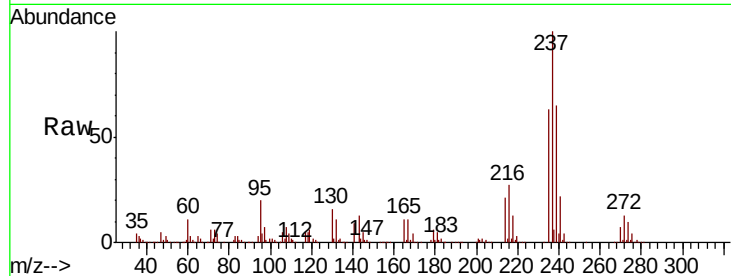
ClientSampleId :

SB-12MSD

Tot Ion:	237	Resp:	476202
Ion Ratio	Lower	Upper	
237	100		
235	63.2	41.9	81.9
272	12.8	0.0	31.6

Manual Integrations
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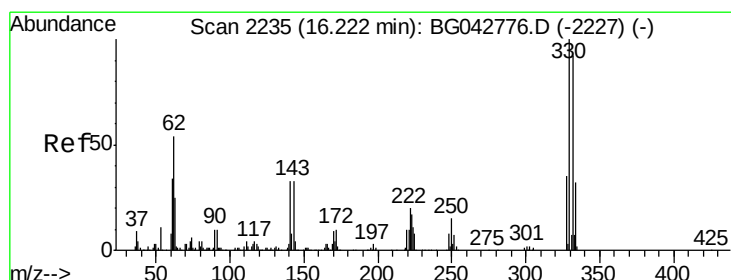
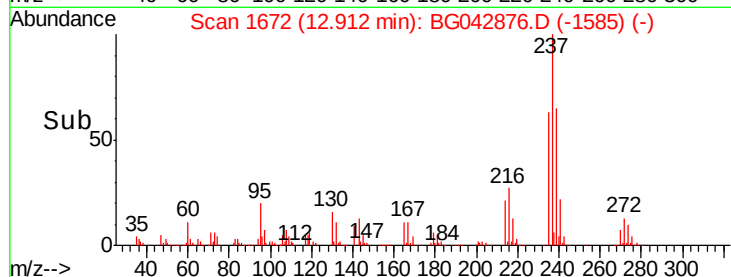
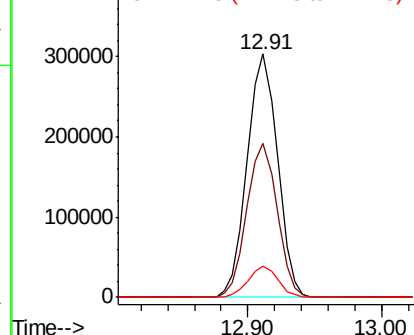


Abundance

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: 165.563 ng

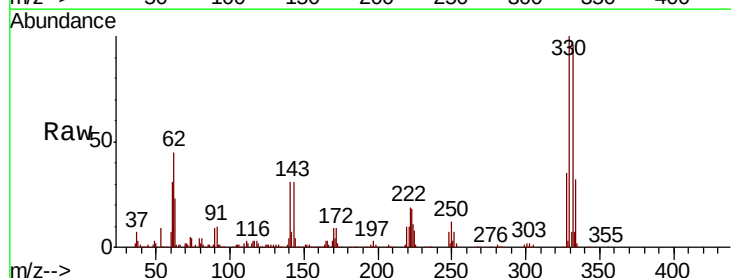
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	330	Resp:	427770
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.7	115.1
141	33.3	27.0	40.6

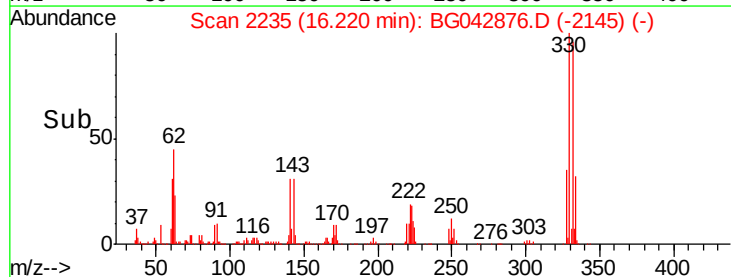
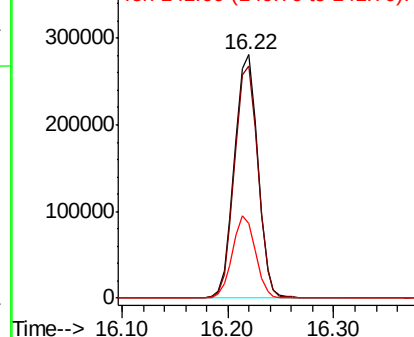


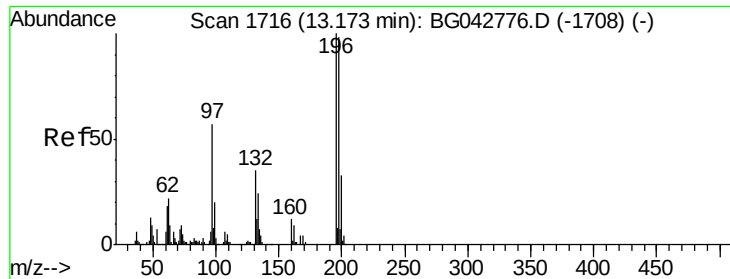
Abundance

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





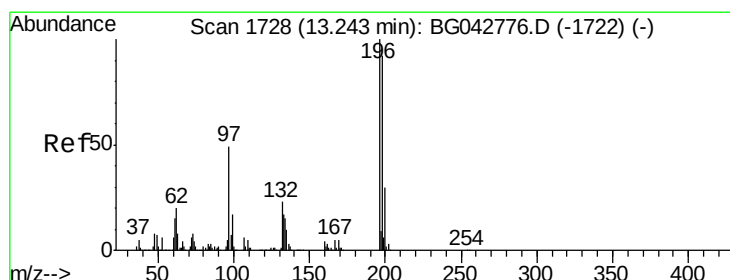
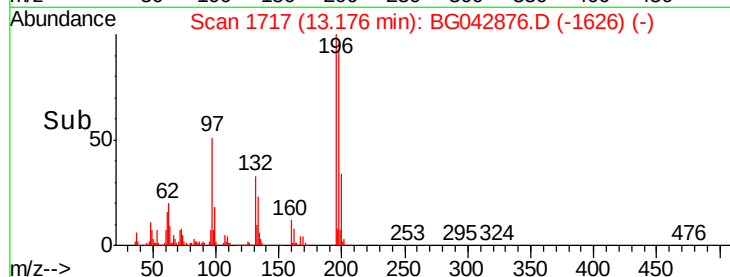
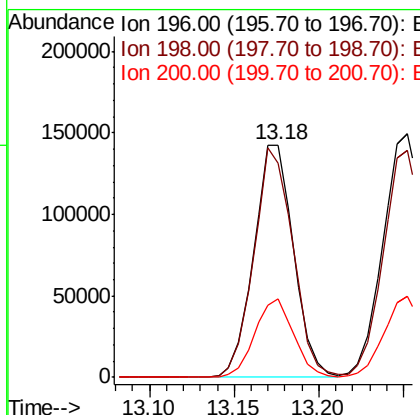
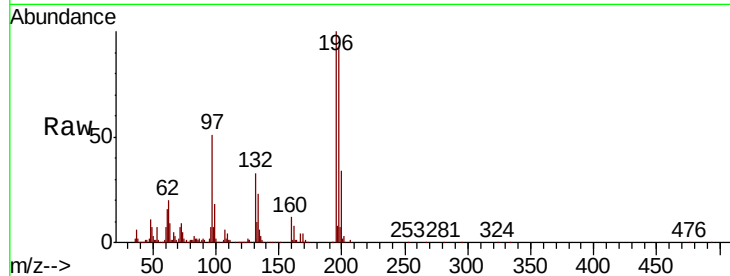
#43
2,4,6-Trichlorophenol
Concen: 54.741 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	233876		
198	92.0		78.8	118.2
200	33.9		26.2	39.4

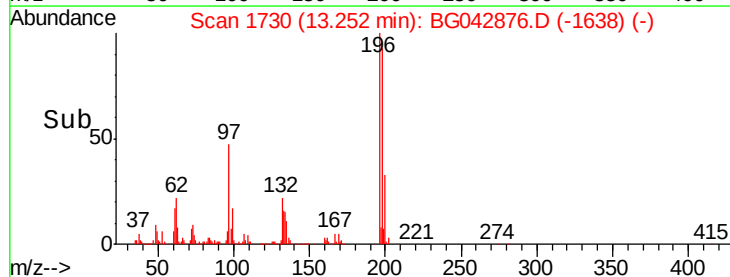
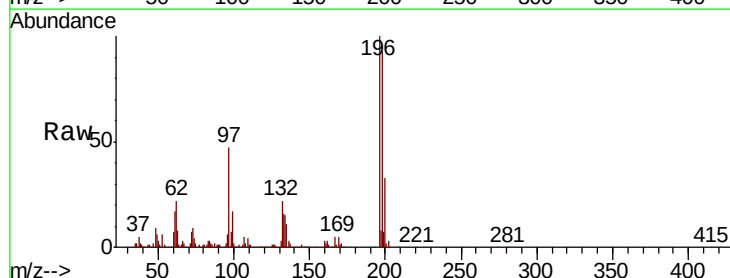
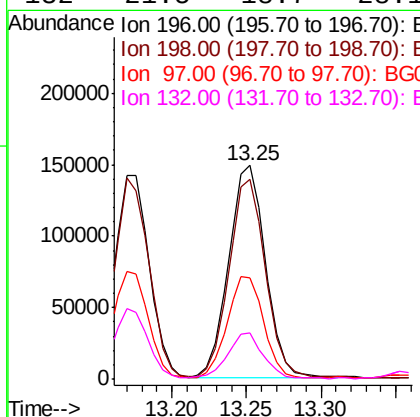
Manual Integrations
APPROVED

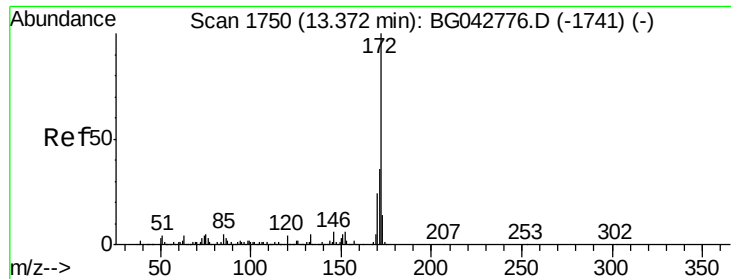
mohammad
9/18/2019 2:18:42 PM



#44
2,4,5-Trichlorophenol
Concen: 58.536 ng
RT: 13.25 min Scan# 1730
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256164		
198	93.3		73.4	110.0
97	47.2		39.2	58.8
132	21.5		18.7	28.1





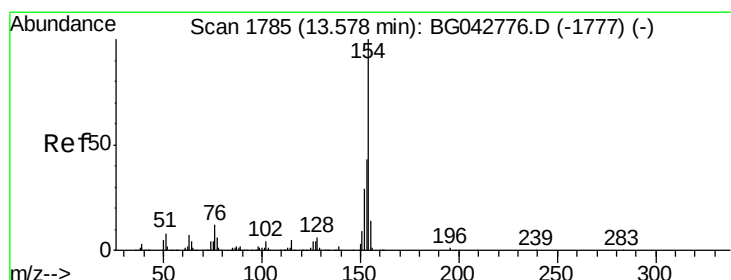
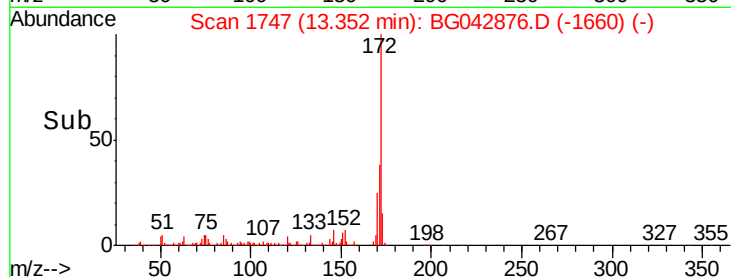
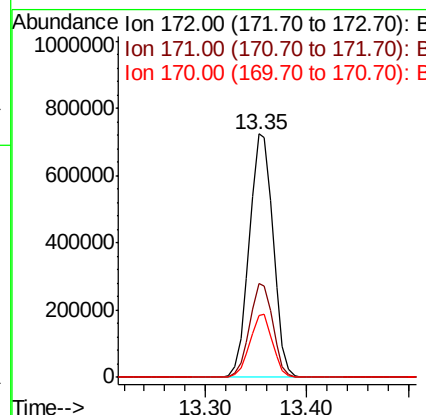
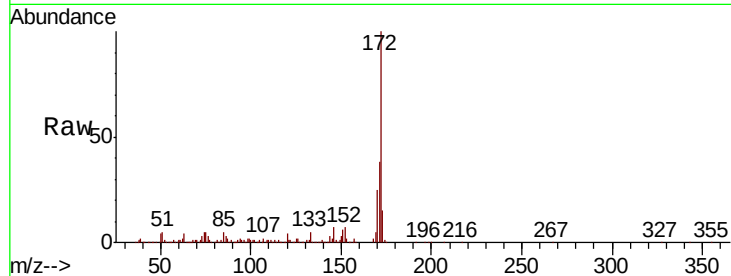
#45
2-Fluorobiphenyl
Concen: 96.107 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	25.5	19.1	28.7

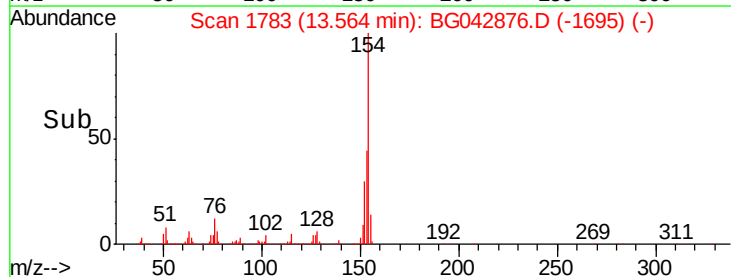
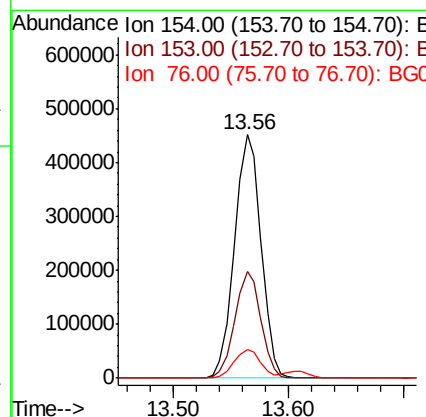
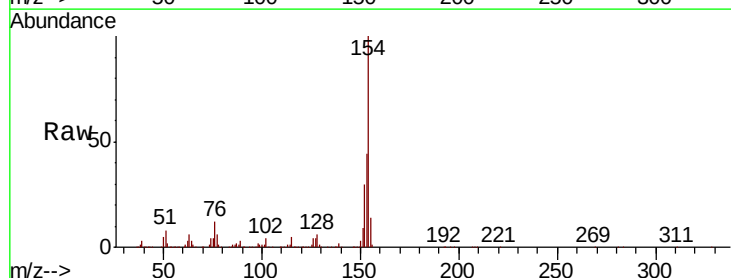
Manual Integrations
APPROVED

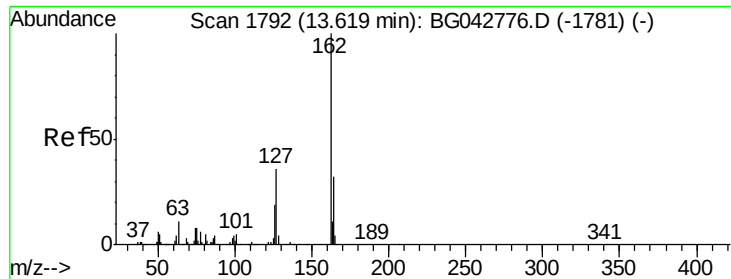
mohammad
9/18/2019 2:18:42 PM



#46
1,1'-Biphenyl
Concen: 52.643 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.9	22.6	62.6
76	11.7	0.0	32.2





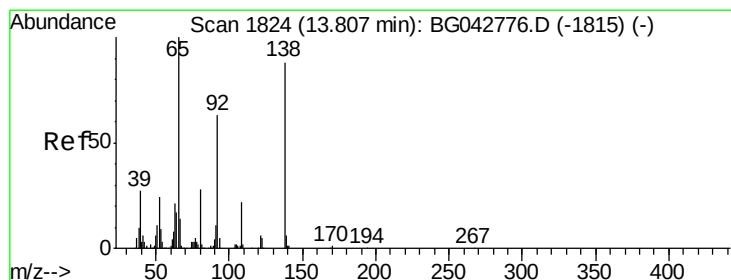
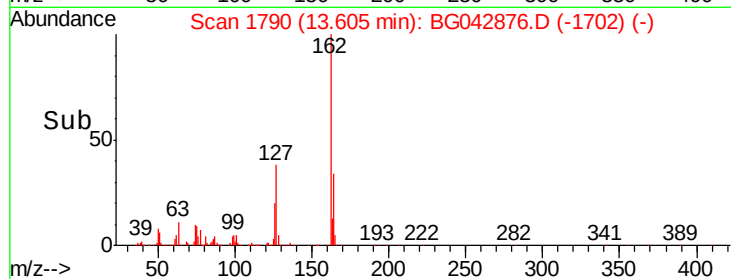
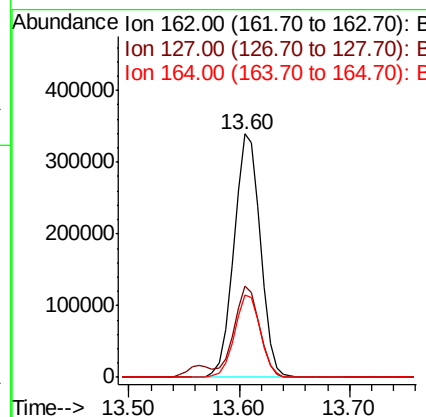
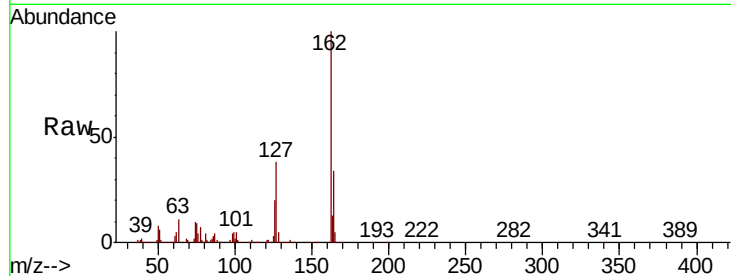
#47
 2-Chloronaphthalene
 Concen: 50.538 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	29.3	43.9	
164	33.7	26.0	39.0	

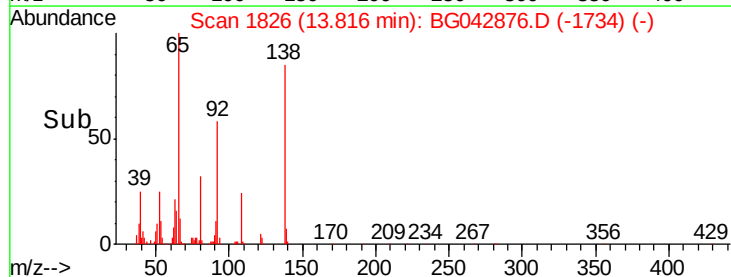
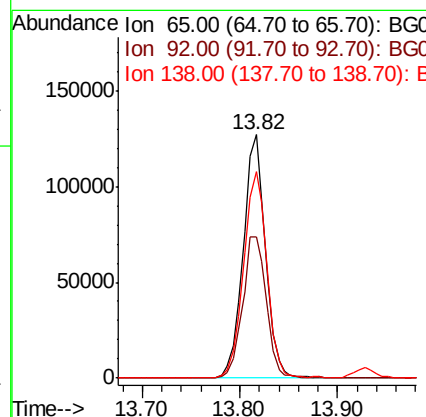
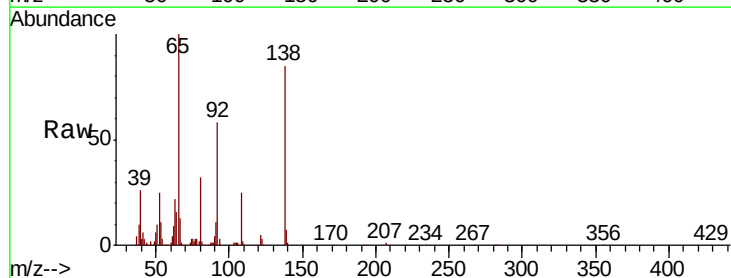
Manual Integrations
 APPROVED

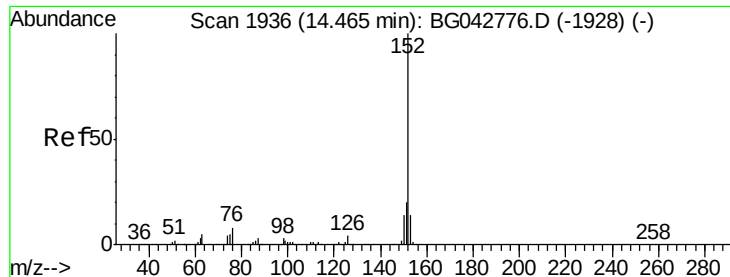
mohammad
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#48
 2-Nitroaniline
 Concen: 51.475 ng
 RT: 13.82 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	58.2	50.4	75.6	
138	84.6	70.6	106.0	





#49

Acenaphthylene

Concen: 53.373 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

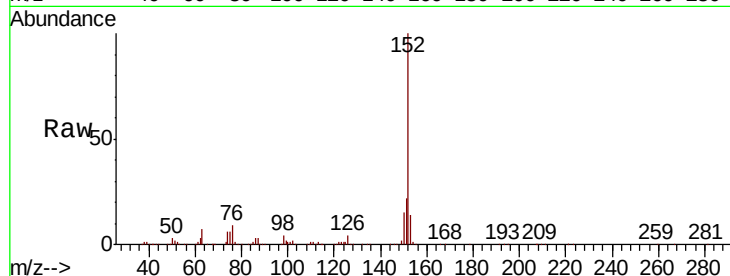
ClientSampleId :

SB-12MSD

Tot Ion:	152	Resp:	917304
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.0	24.0
153	14.2	11.4	17.0

Manual Integrations
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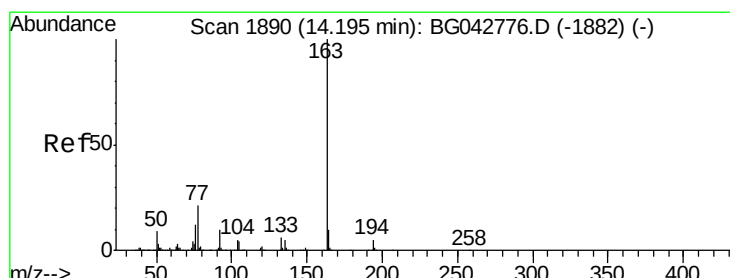
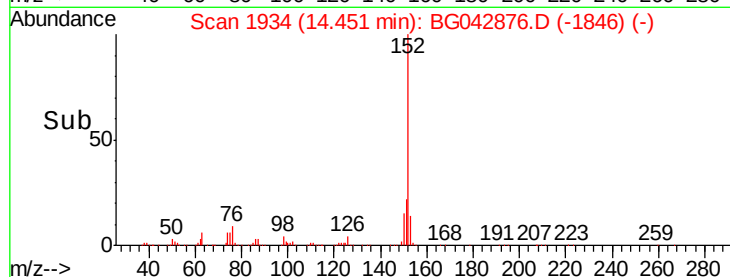
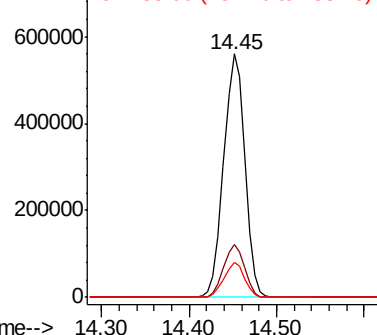


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 65.197 ng

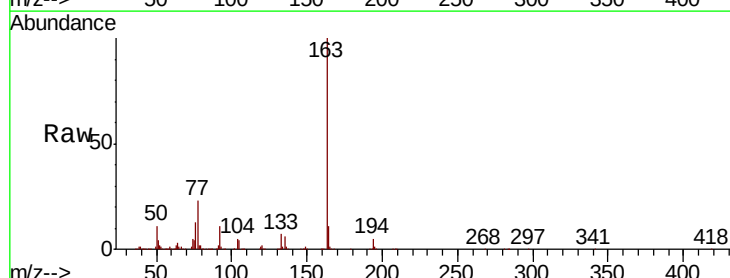
RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	163	Resp:	948510
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.2	6.4
164	11.3	8.4	12.6

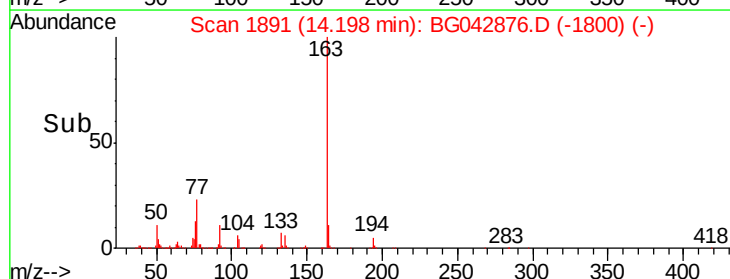
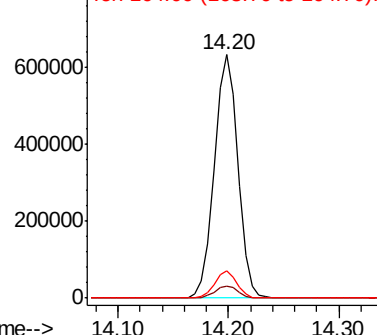


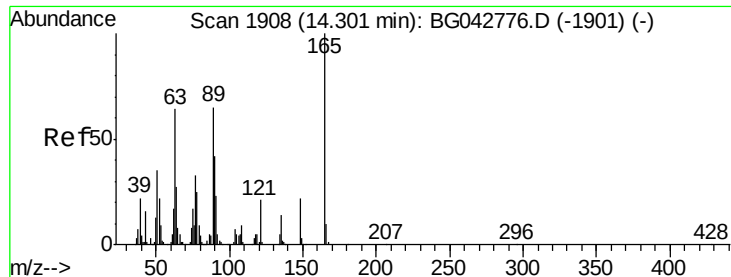
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





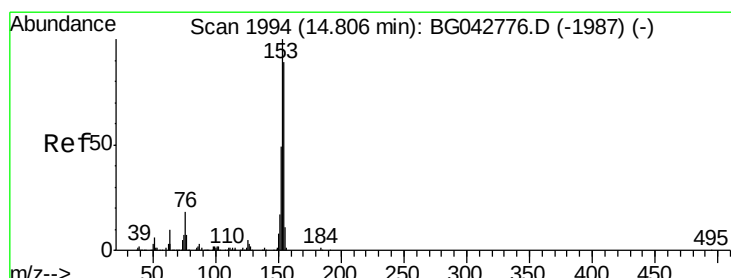
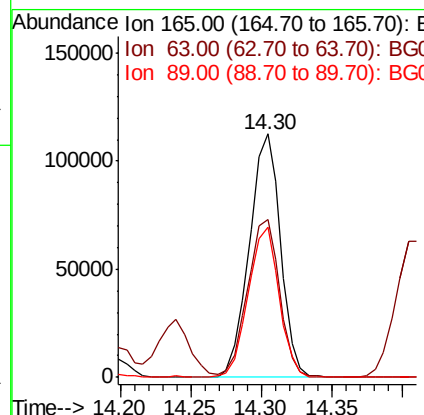
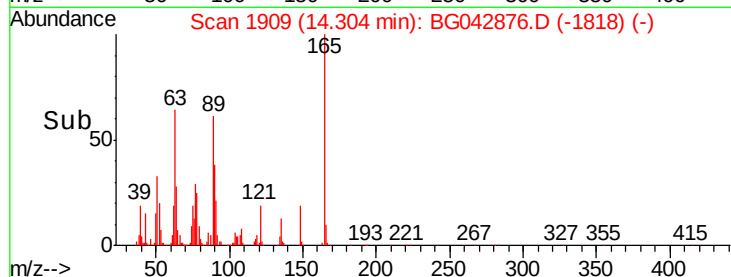
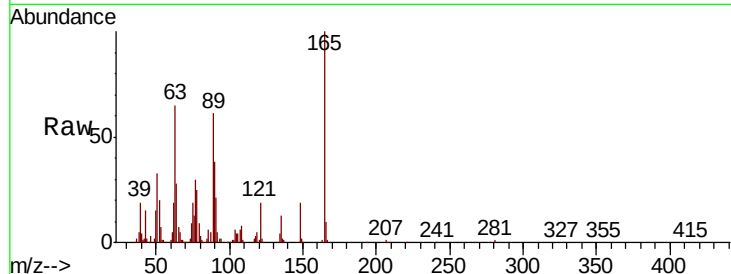
#51
 2,6-Dinitrotoluene
 Concen: 58.617 ng
 RT: 14.30 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.7	52.1	78.1
89	61.5	51.7	77.5

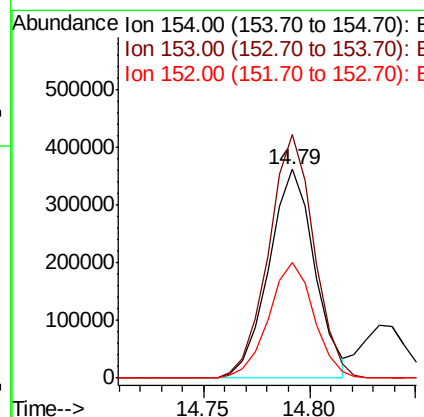
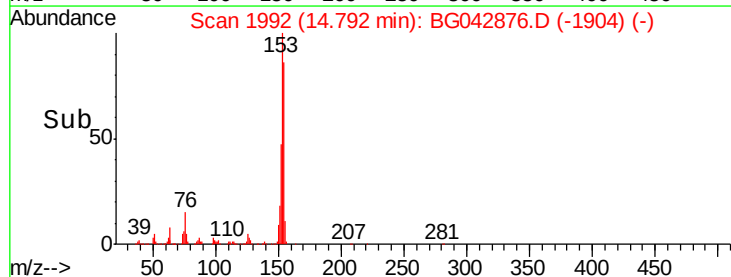
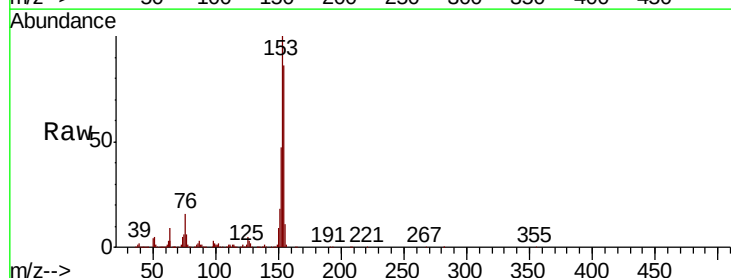
Manual Integrations
 APPROVED

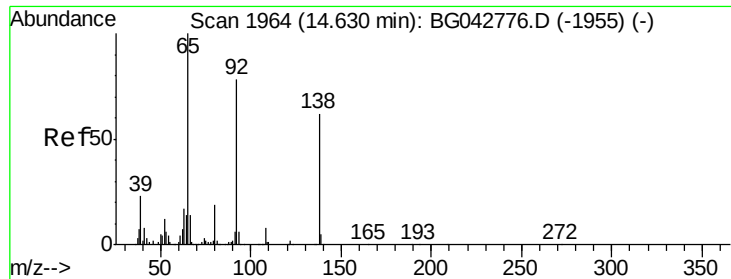
mohammad
 9/18/2019 2:18:42 PM



#52
 Acenaphthene
 Concen: 48.680 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.8	89.4	134.2
152	55.2	43.5	65.3





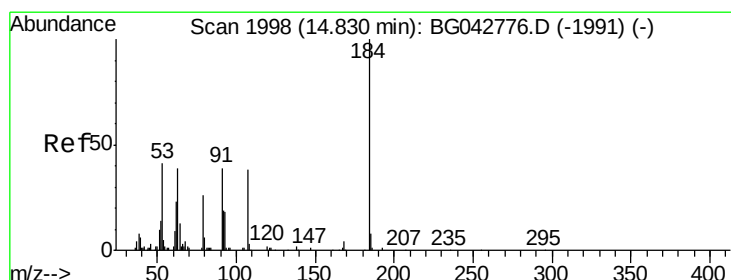
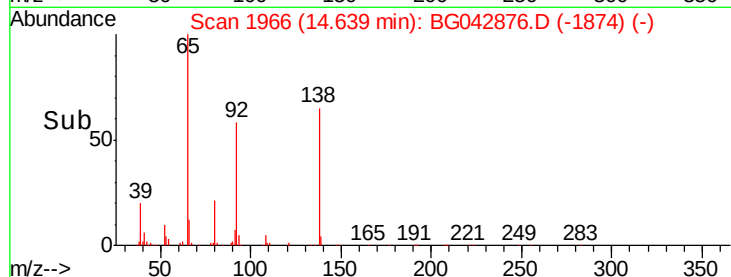
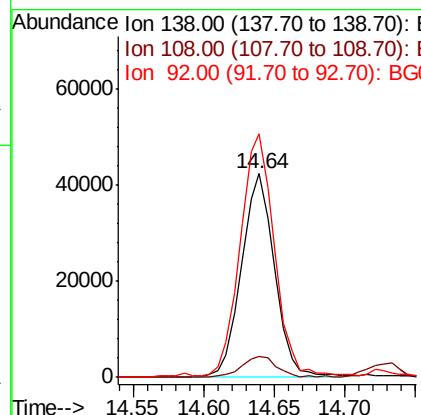
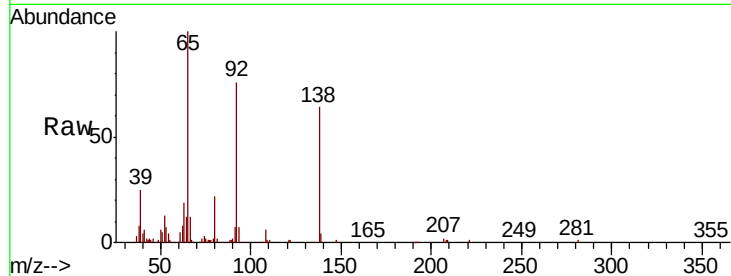
#53
3-Nitroaniline
Concen: 20.715 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	10.7	16.1#
92	119.5	100.5	150.7

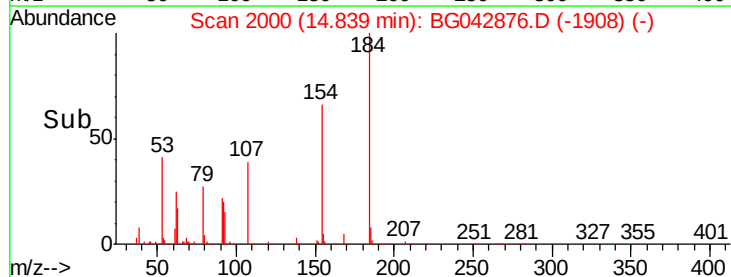
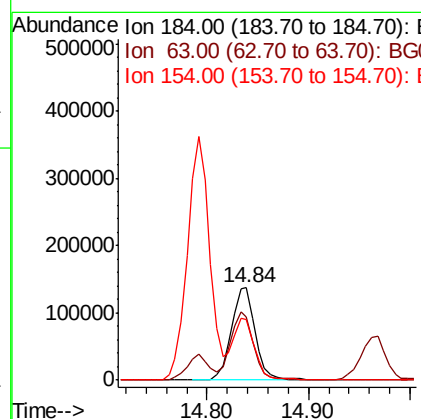
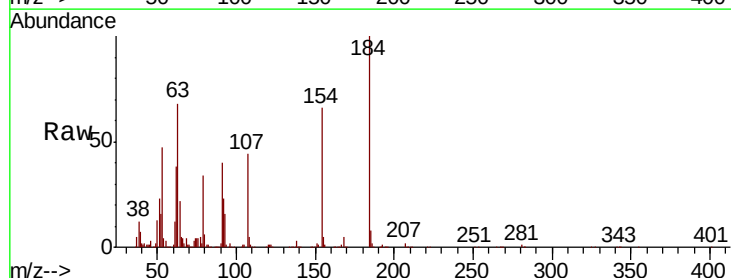
Manual Integrations
APPROVED

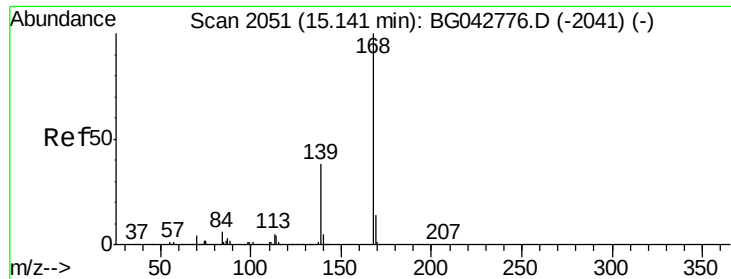
mohammad
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#54
2,4-Dinitrophenol
Concen: 152.509 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	46.2	69.4
154	65.7	81.3	121.9#





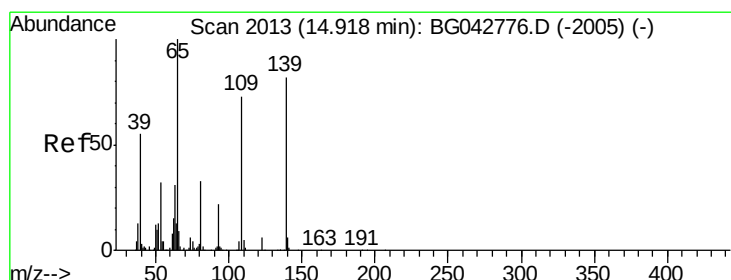
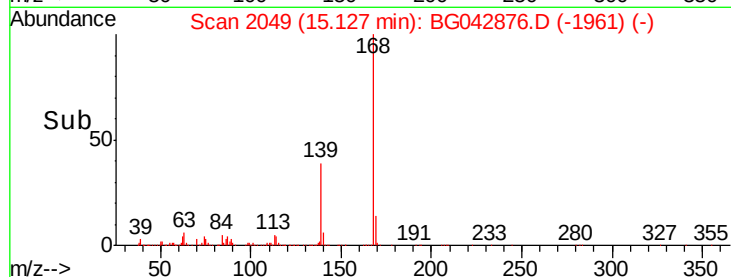
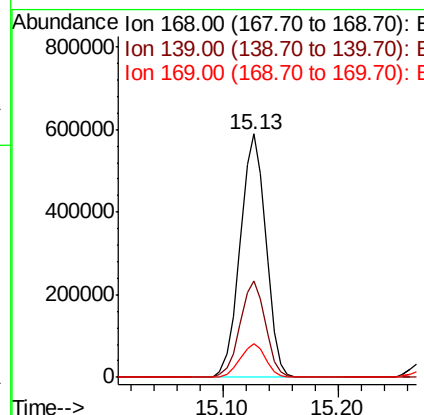
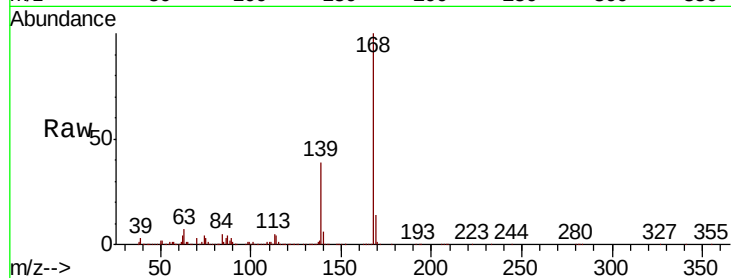
#55
Dibenzofuran
Concen: 54.384 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	30.2	45.4	
169	14.0	11.2	16.8	

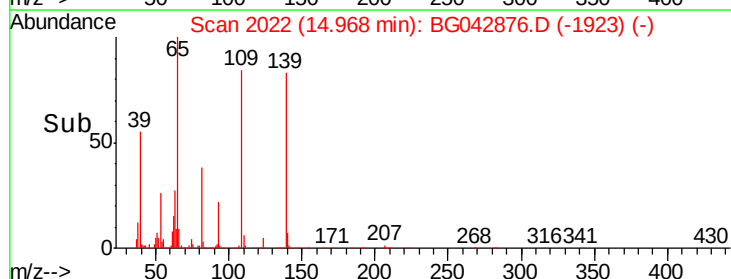
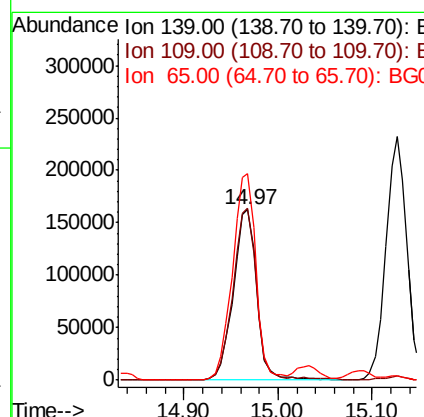
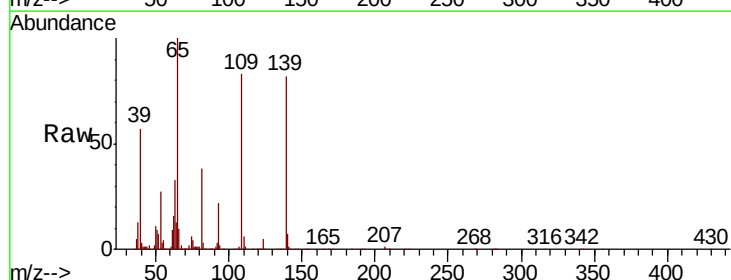
Manual Integrations
APPROVED

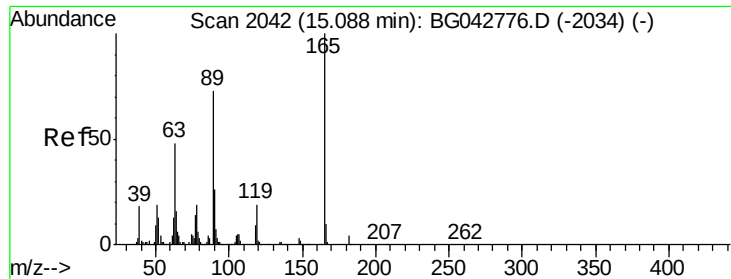
mohammad
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#56
4-Nitrophenol
Concen: 109.966 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.05 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.3	69.4	109.4	
65	121.4	102.5	142.5	





#57

2,4-Dinitrotoluene

Concen: 61.081 ng

RT: 15.09 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

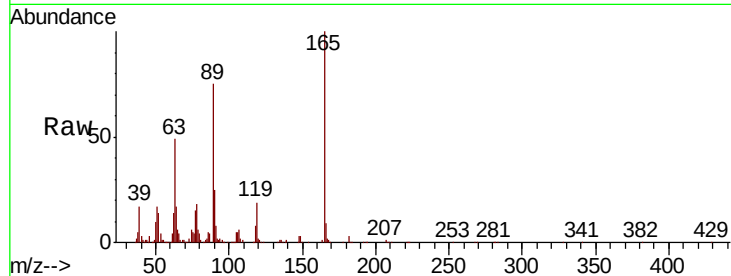
ClientSampleId :

SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	243041		
63	49.0	38.3	57.5	
89	74.6	58.4	87.6	
182	2.5	2.9	4.3	

Manual Integrations
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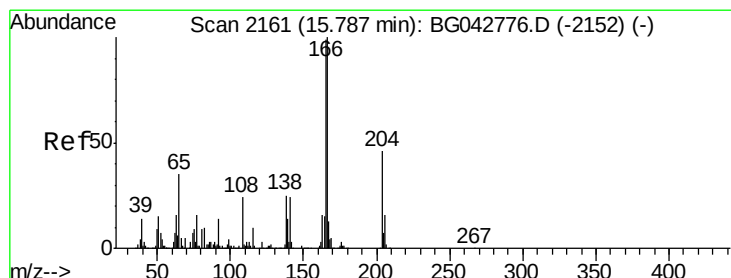
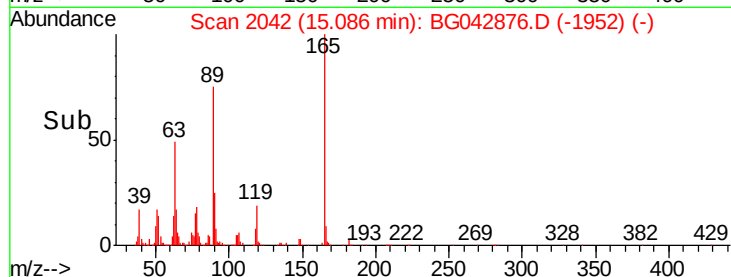
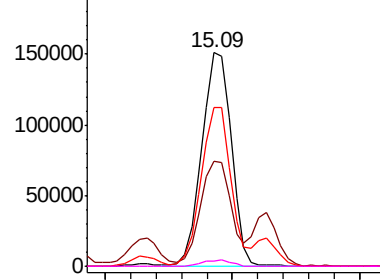


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 55.194 ng

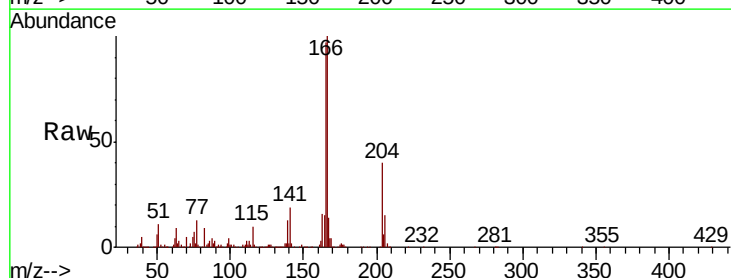
RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

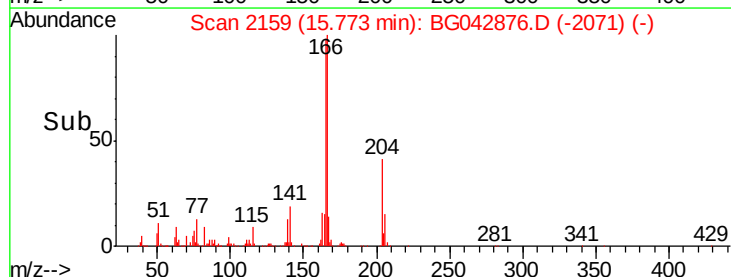
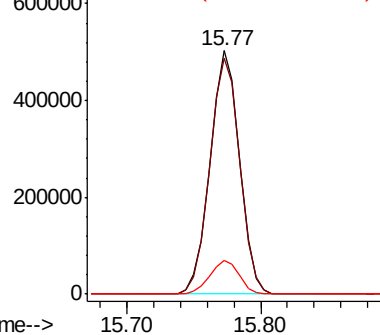
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	763403		
165	96.8	79.1	118.7	
167	14.1	10.7	16.1	

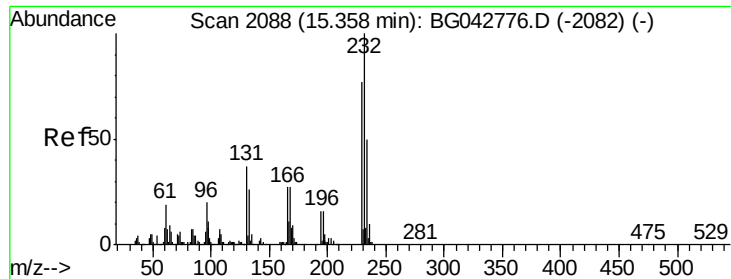


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





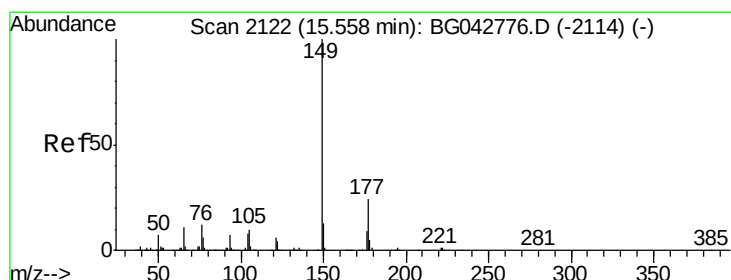
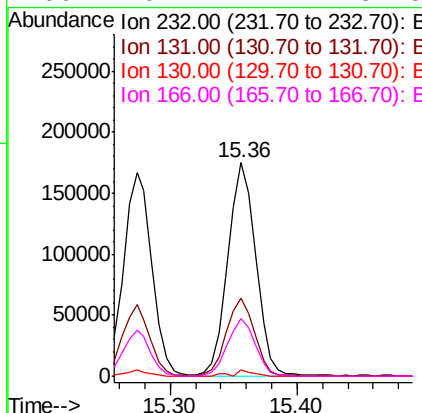
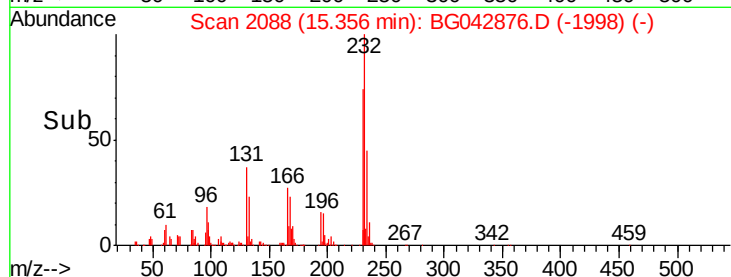
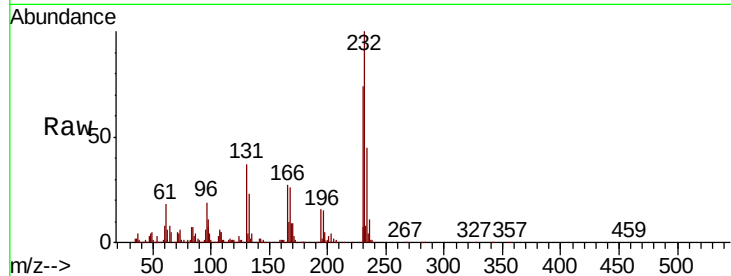
#59
2,3,4,6-Tetrachlorophenol
Concen: 62.835 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampled :
SB-12MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	266558		
131	36.6		31.1	46.7
130	2.3		1.8	2.6
166	26.2		21.7	32.5

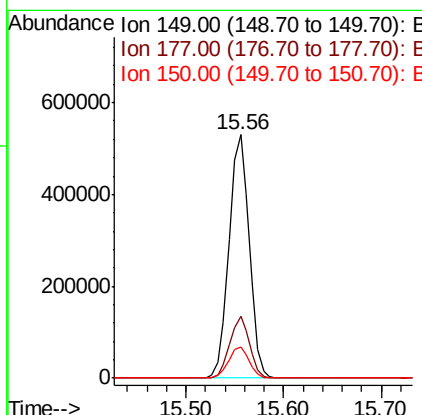
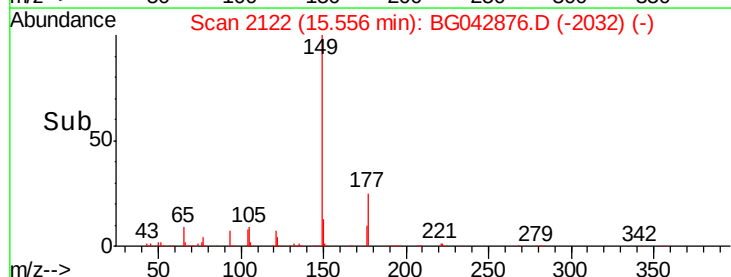
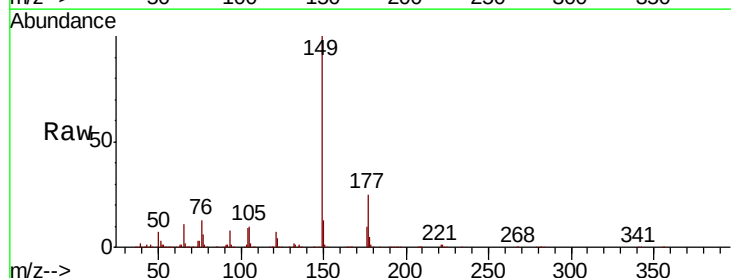
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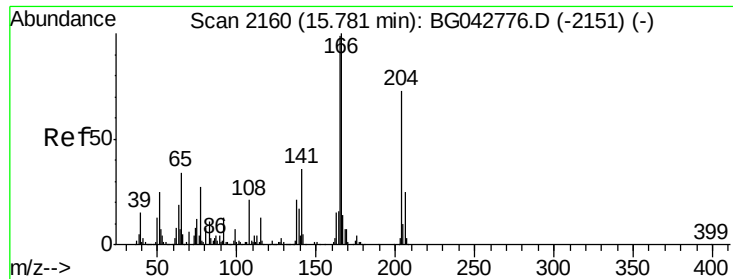
mohammad
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#60
Diethylphthalate
Concen: 51.573 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	761608		
177	25.3		19.4	29.0
150	13.1		10.2	15.4





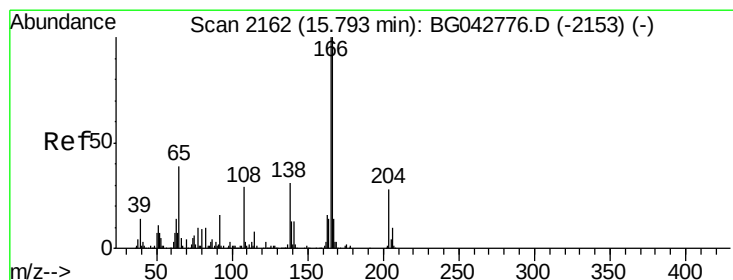
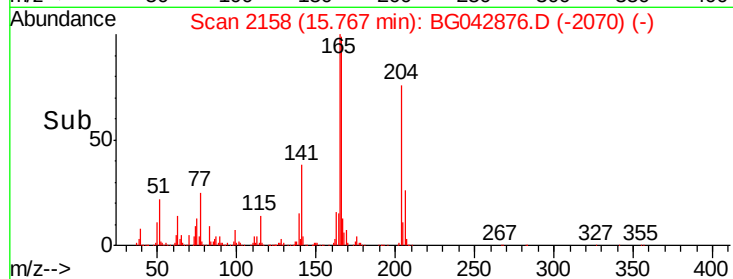
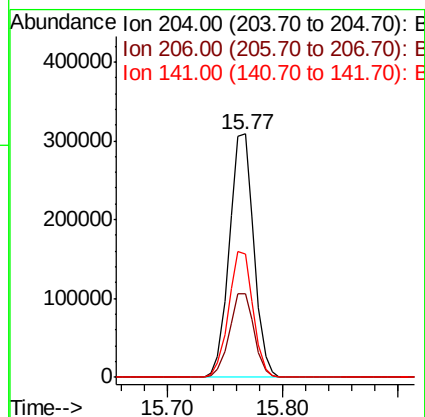
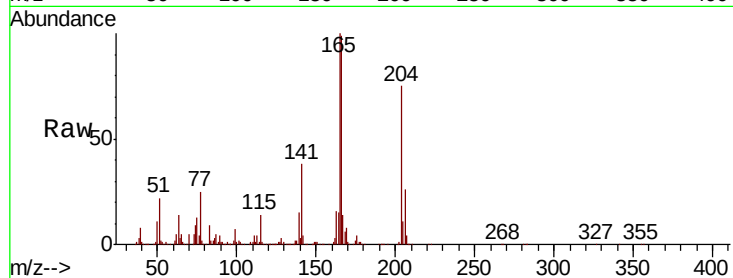
#61
4-Chlorophenyl-phenylether
Concen: 55.033 ng
RT: 15.77 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.6	41.4
141	50.4	39.8	59.6

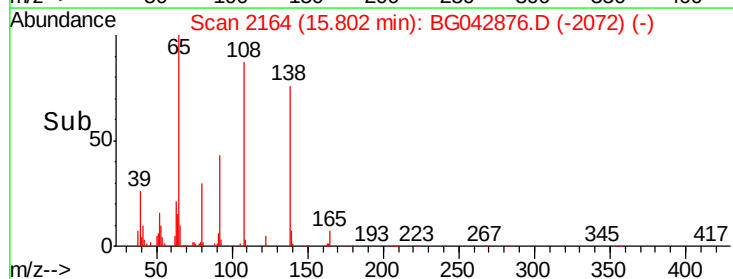
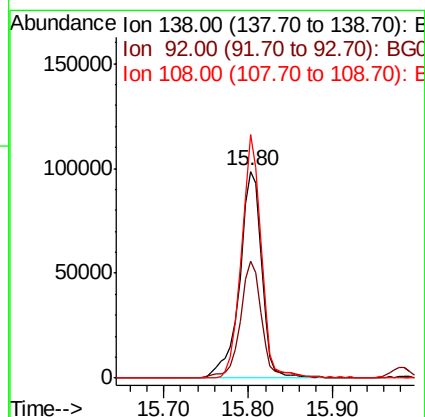
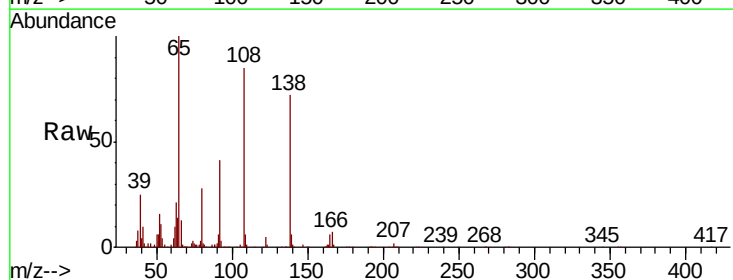
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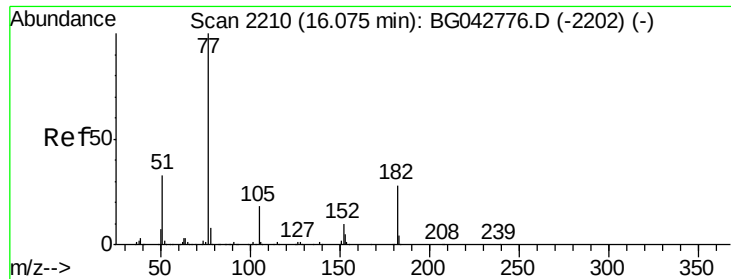
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#62
4-Nitroaniline
Concen: 49.067 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	31.4	71.4
108	117.9	74.8	114.8#





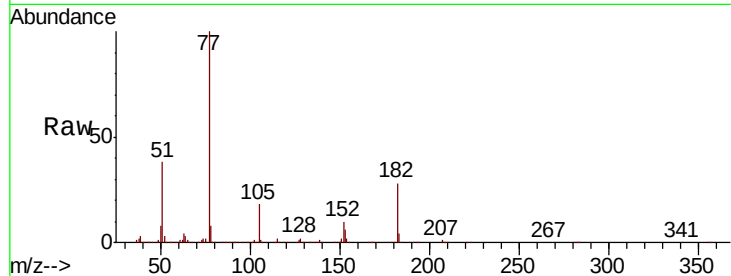
#63
Azobenzene
Concen: 51.767 ng
RT: 16.06 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

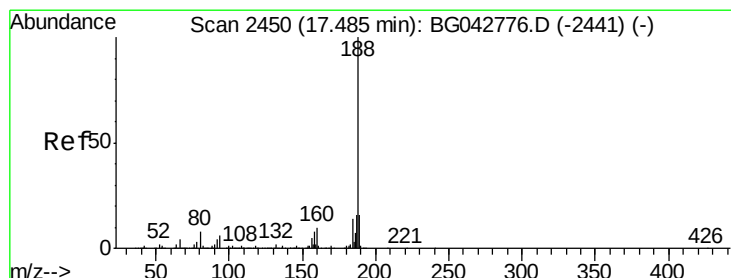
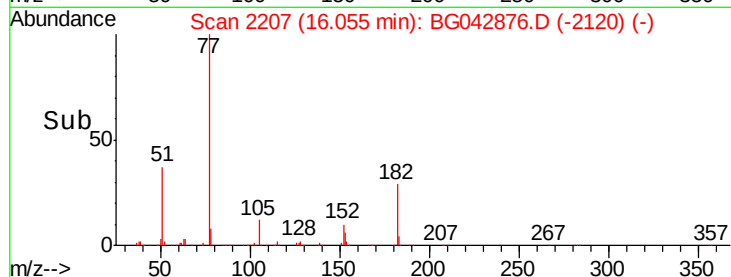
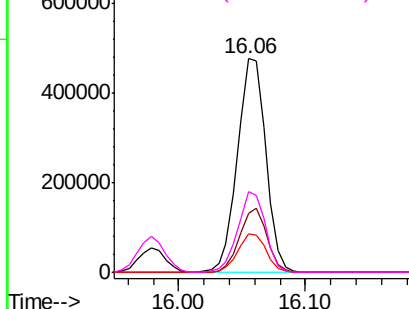
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		736160		
182	27.6	8.1	48.1		
105	18.0	0.0	38.1		
51	37.7	12.9	52.9		

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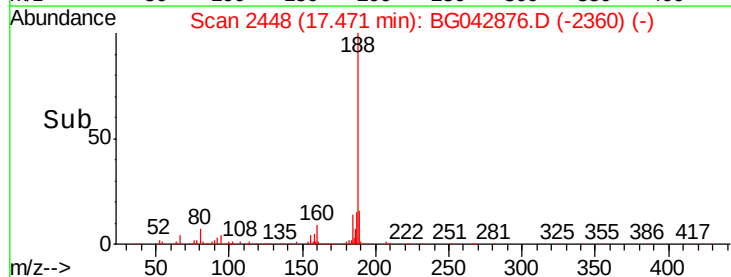
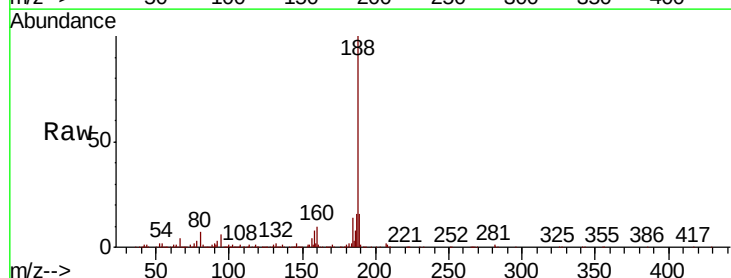
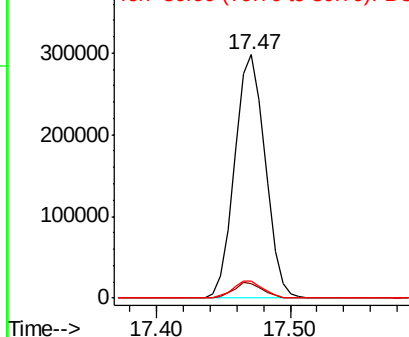
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

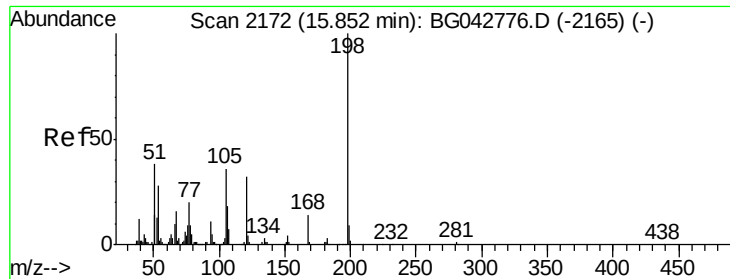


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		473036		
94	5.8	4.8	7.2		
80	7.2	6.6	9.8		

Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 79.832 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

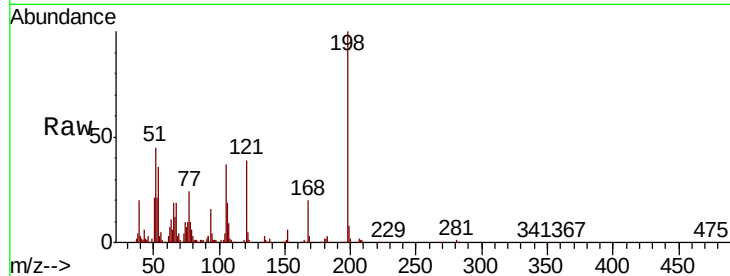
ClientSampleId :

SB-12MSD

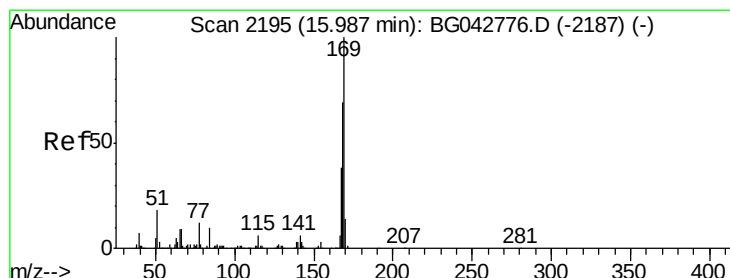
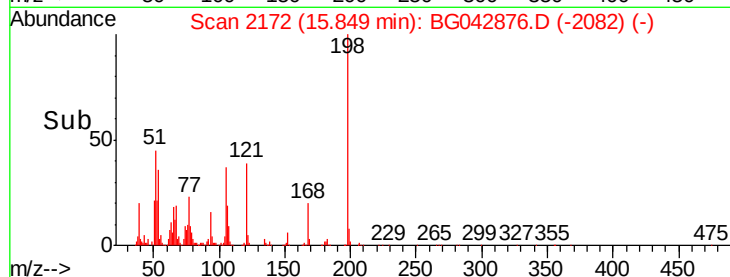
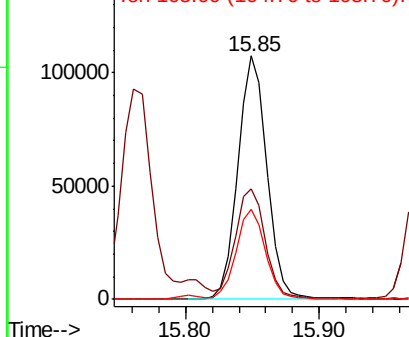
Tot Ion:	198	Resp:	161583
Ion Ratio	Lower	Upper	
198	100		
51	45.2	20.9	60.9
105	36.9	16.4	56.4

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



#66

n-Nitrosodiphenylamine

Concen: 53.943 ng

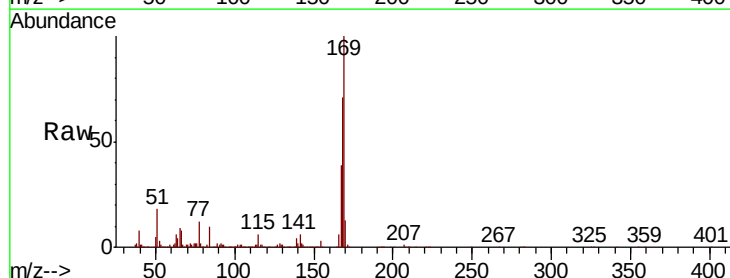
RT: 15.98 min Scan# 2194

Delta R.T. -0.01 min

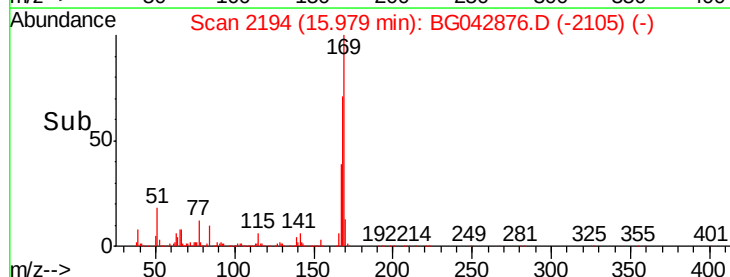
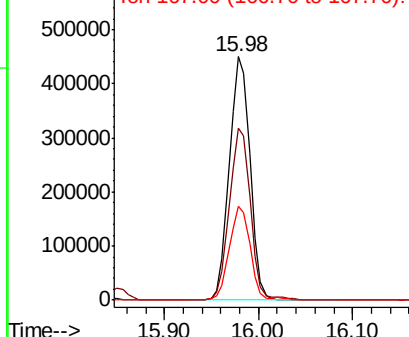
Lab File: BG042876.D

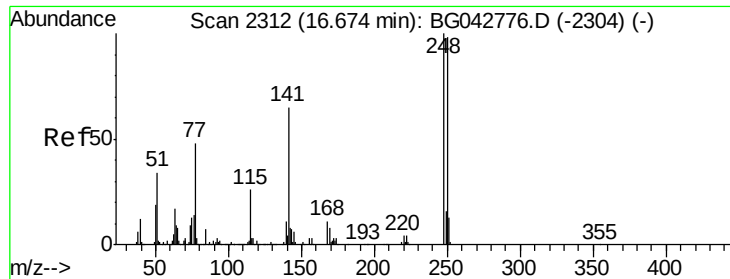
Acq: 17 Sep 2019 20:40

Tgt Ion:	169	Resp:	686645
Ion Ratio	Lower	Upper	
169	100		
168	70.8	55.4	83.2
167	38.6	30.4	45.6



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





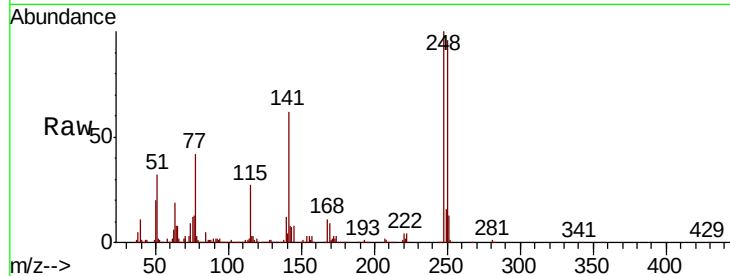
#67
 4-Bromophenyl-phenylether
 Concen: 53.831 ng
 RT: 16.66 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampled :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.0	117.0
141	61.5	51.8	77.6

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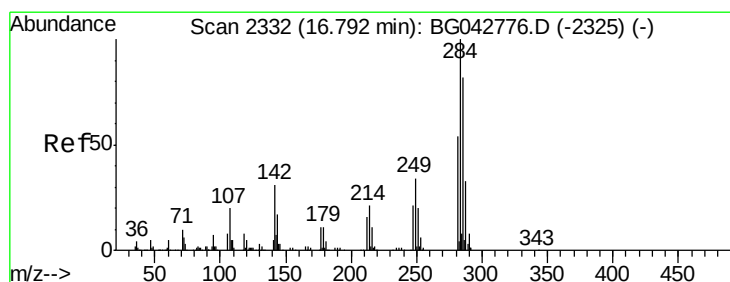
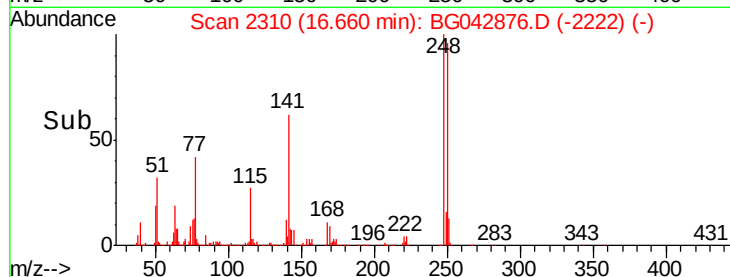
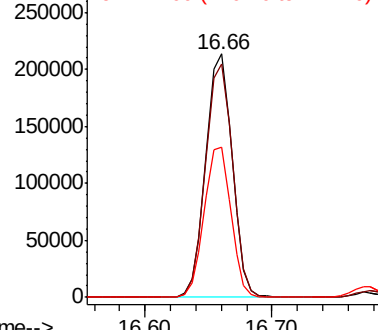


Abundance

Ion 248.00 (247.70 to 248.70): E

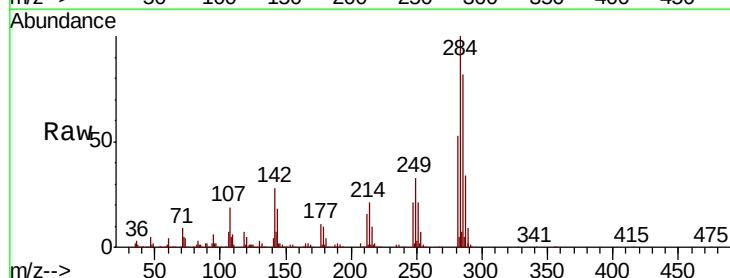
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 52.562 ng
 RT: 16.78 min Scan# 2330
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	24.7	37.1
249	32.9	27.0	40.4

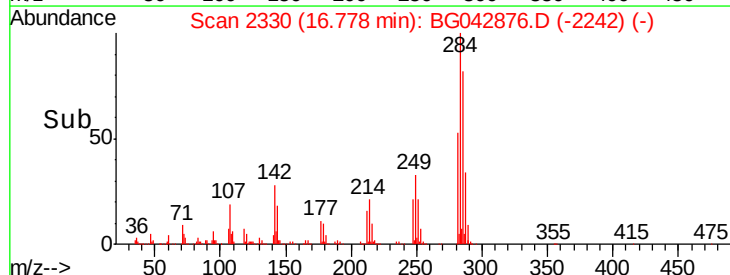
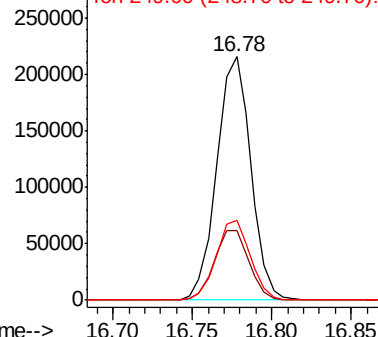


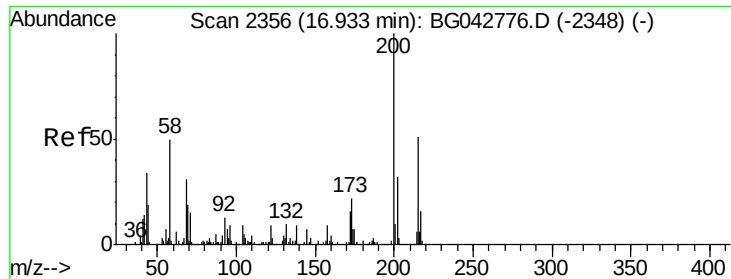
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





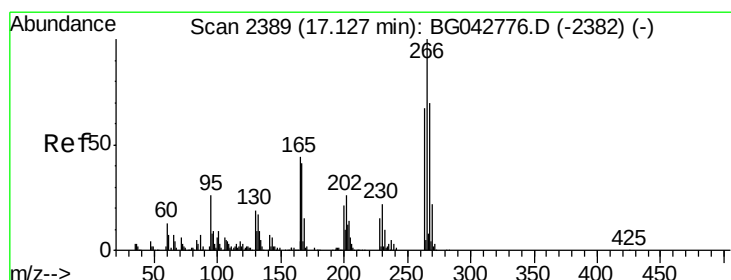
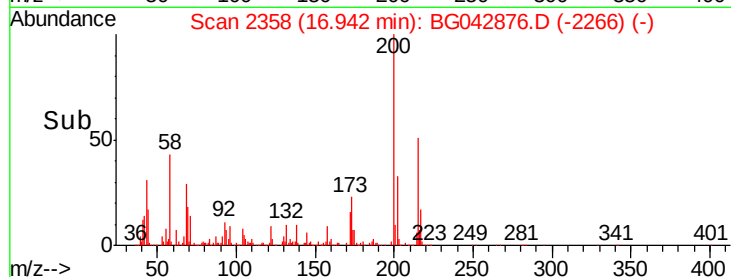
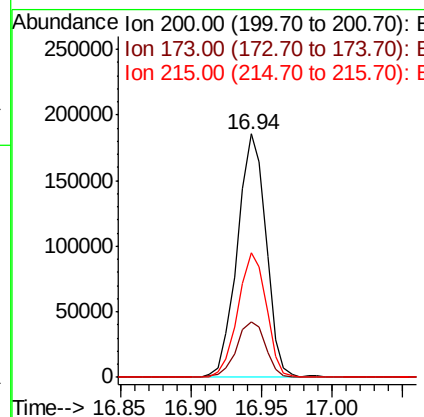
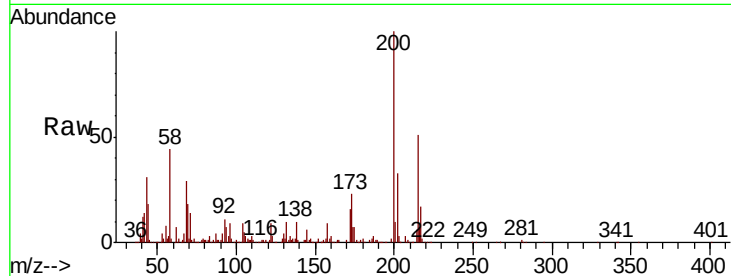
#69
Atrazine
Concen: 59.396 ng
RT: 16.94 min Scan# 2358
Delta R.T. 0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	22.8	2.5	42.5
215	51.0	31.0	71.0

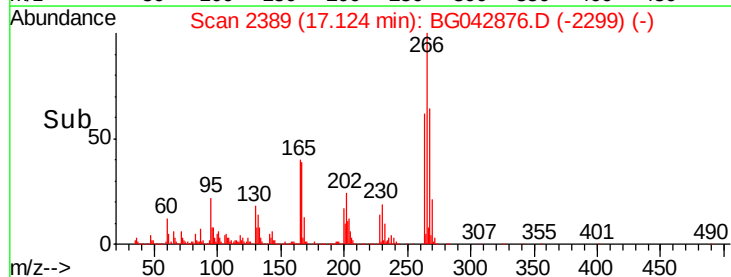
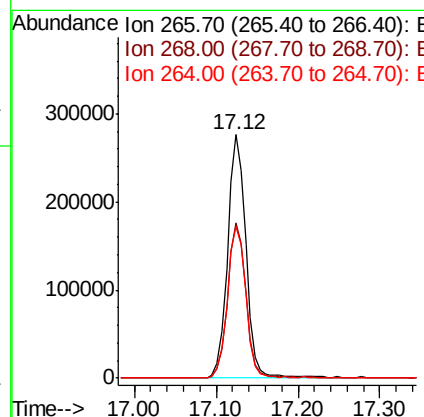
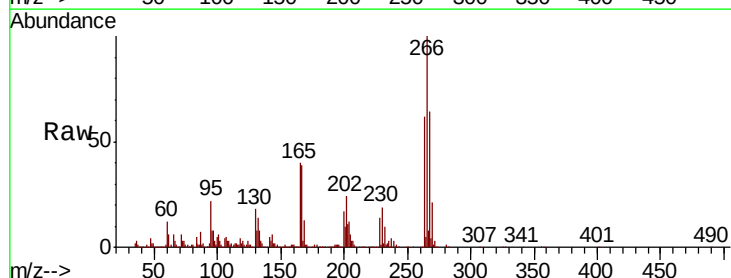
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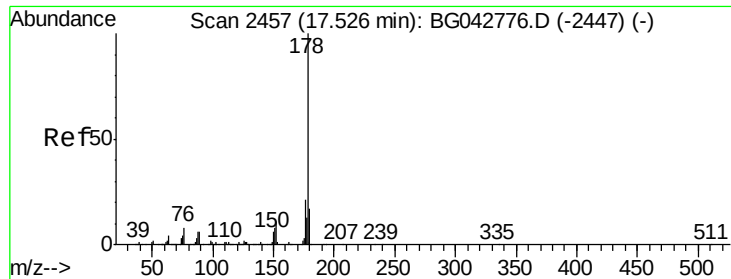
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#70
Pentachlorophenol
Concen: 118.926 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	56.2	84.4
264	62.2	53.4	80.2





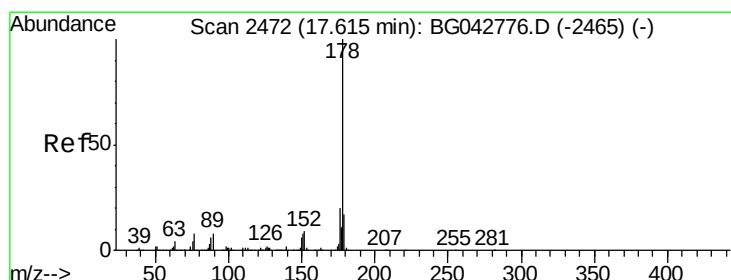
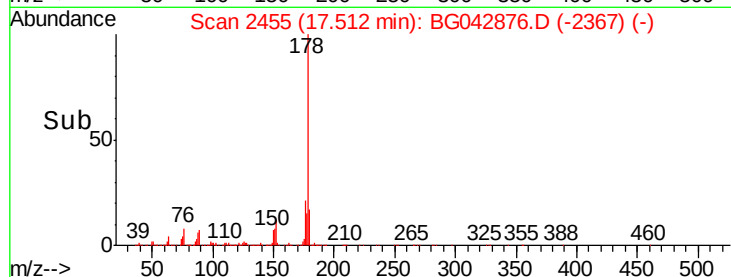
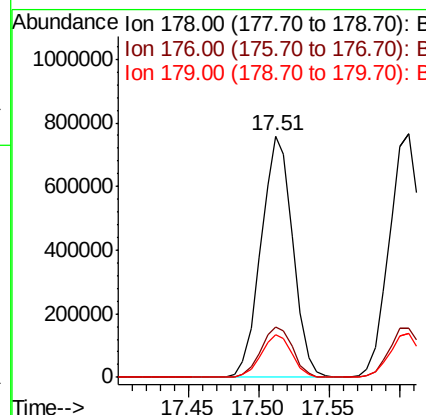
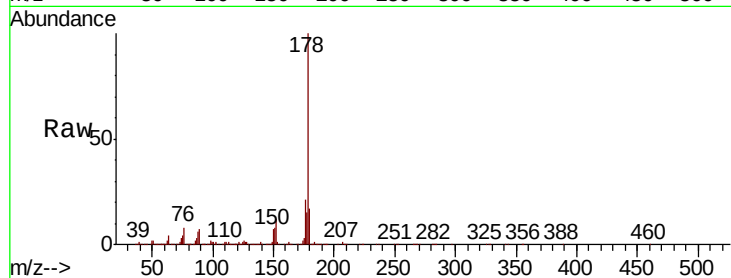
#71
Phenanthrene
Concen: 52.815 ng
RT: 17.51 min Scan# 2455
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.0	25.4
179	17.5	13.6	20.4

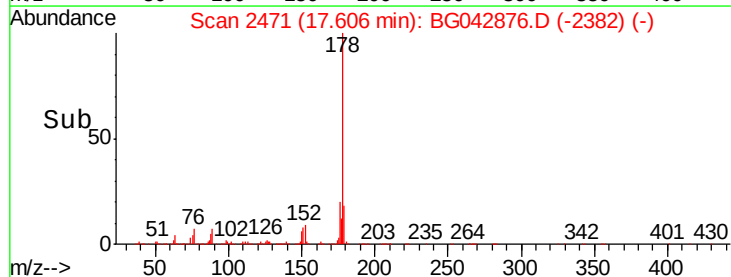
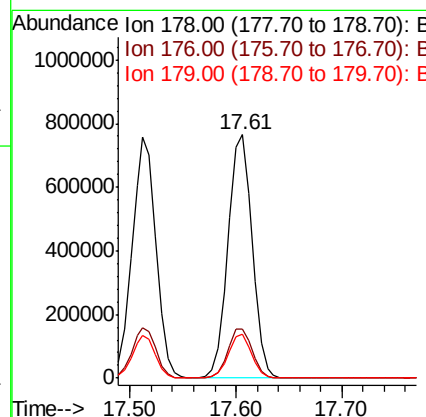
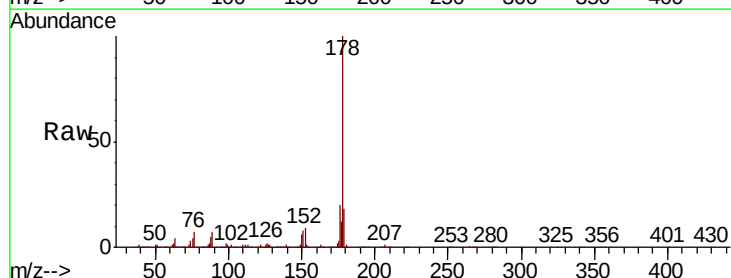
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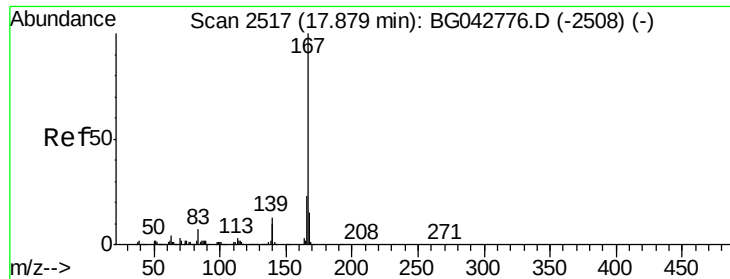
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#72
Anthracene
Concen: 53.607 ng
RT: 17.61 min Scan# 2471
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	18.1	13.6	20.4





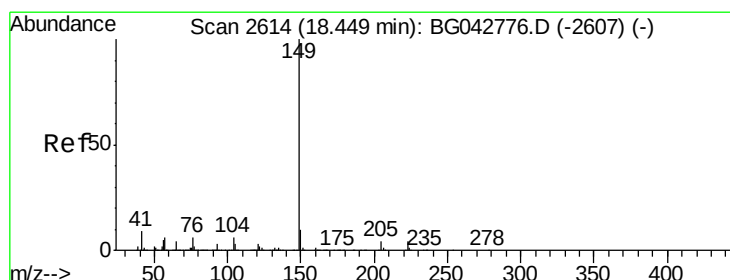
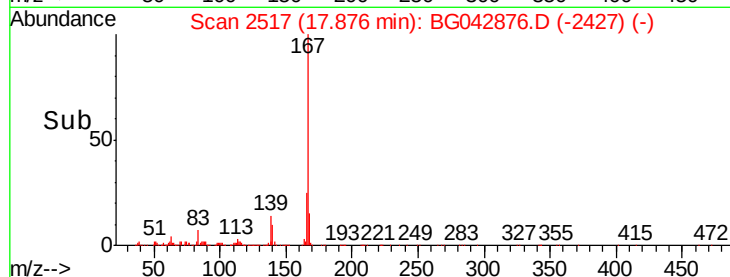
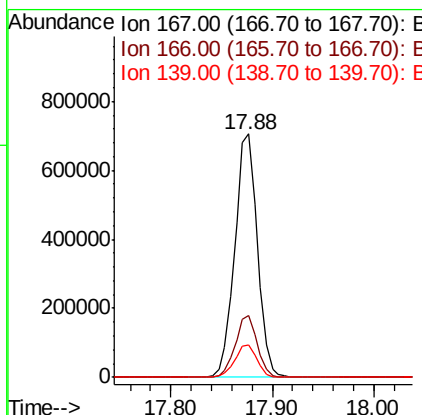
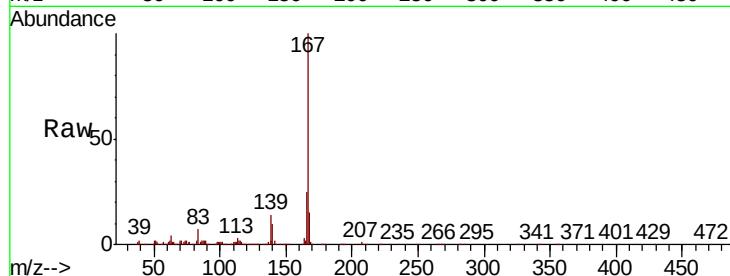
#73
 Carbazole
 Concen: 50.686 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	18.3	27.5
139	13.5	10.2	15.4

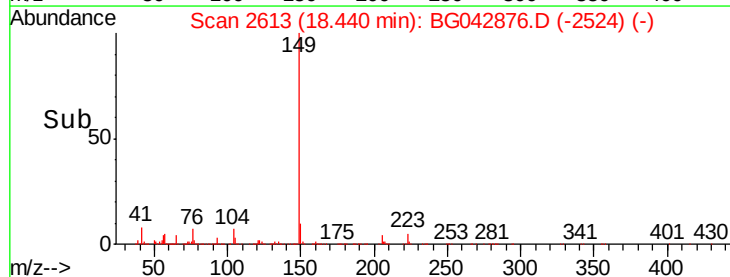
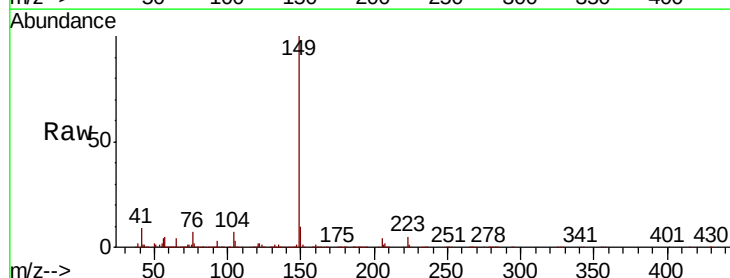
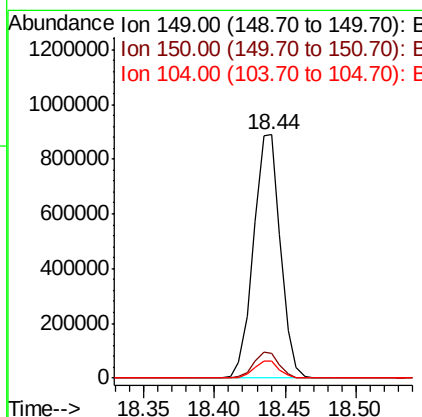
Manual Integrations
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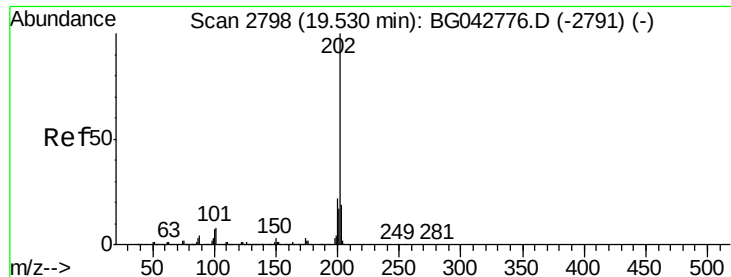
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#74
 Di-n-butylphthalate
 Concen: 46.384 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042876.D
 Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	6.8	5.1	7.7





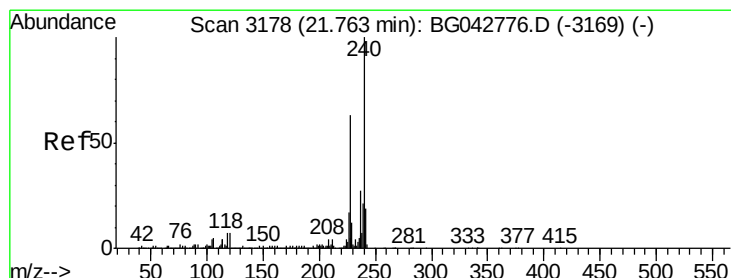
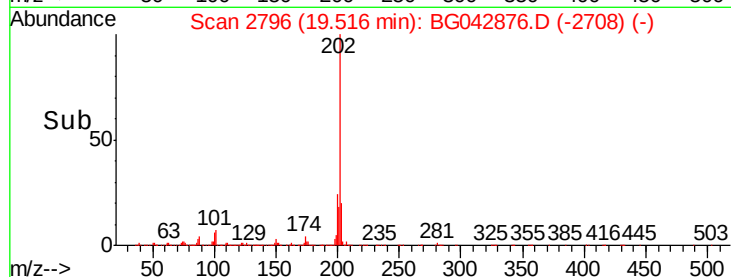
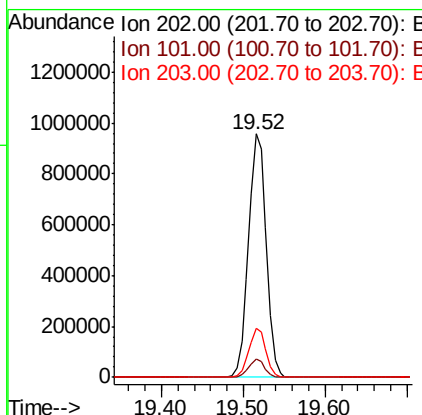
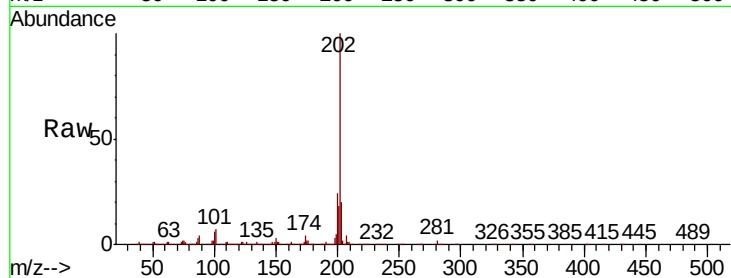
#75
Fluoranthene
Concen: 49.116 ng
RT: 19.52 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	27.8
203	20.3	0.0	39.1

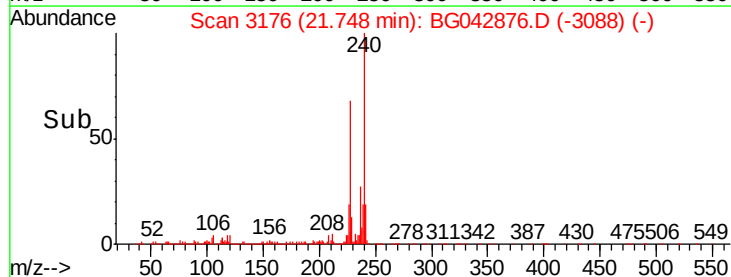
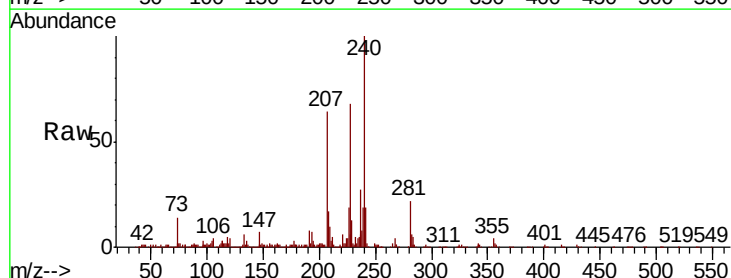
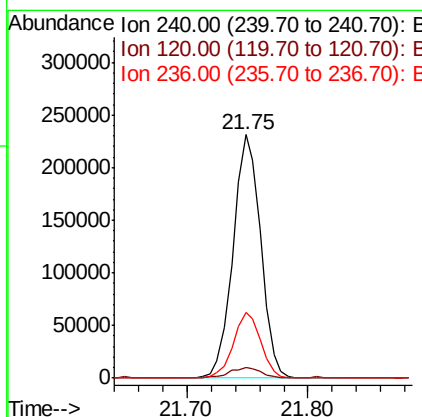
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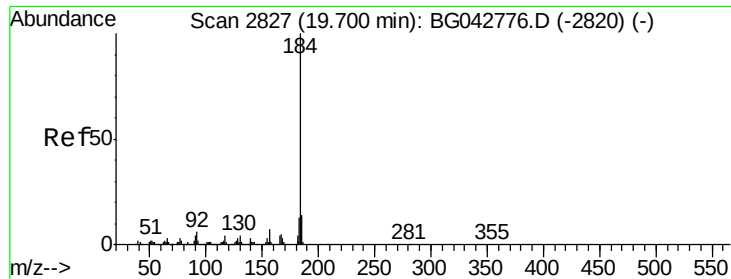
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	4.3	5.4	8.2#
236	27.1	21.7	32.5





#77

Benzidine

Concen: 42.451 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

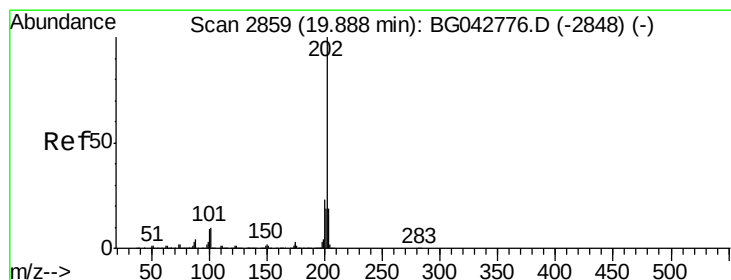
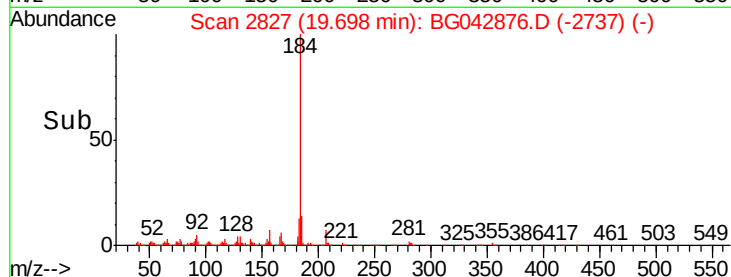
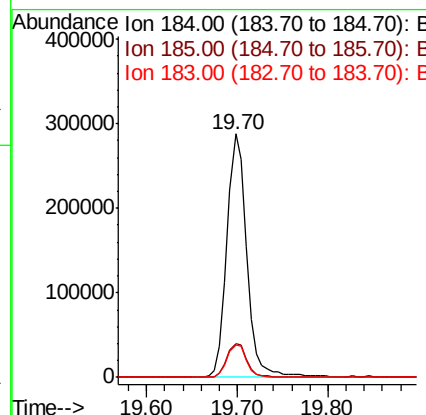
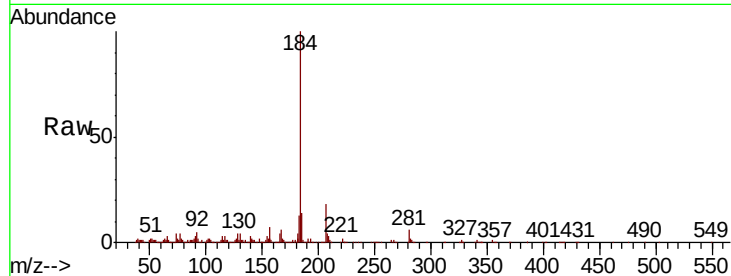
ClientSampleId :

SB-12MSD

Tot Ion:	184	Resp:	437606
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.6	17.4
183	13.1	10.4	15.6

Manual Integrations
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#78

Pyrene

Concen: 61.444 ng

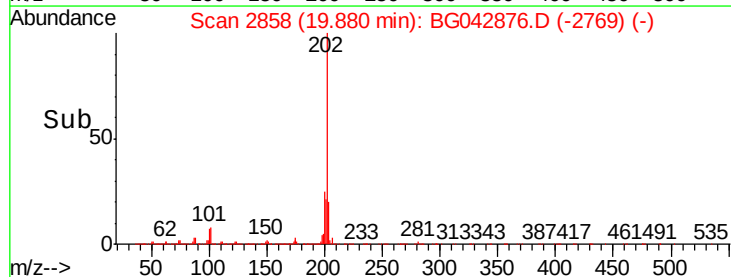
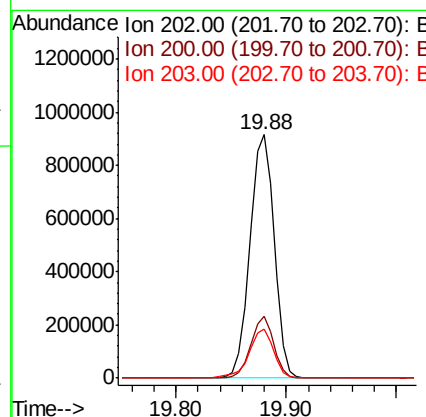
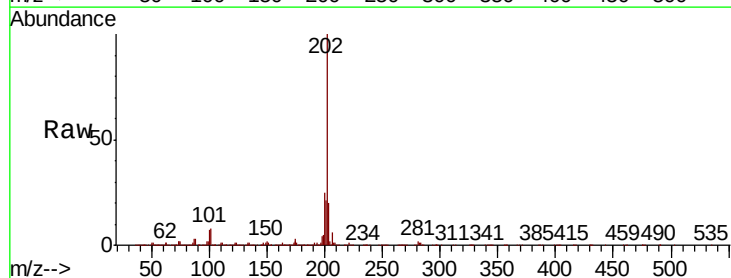
RT: 19.88 min Scan# 2858

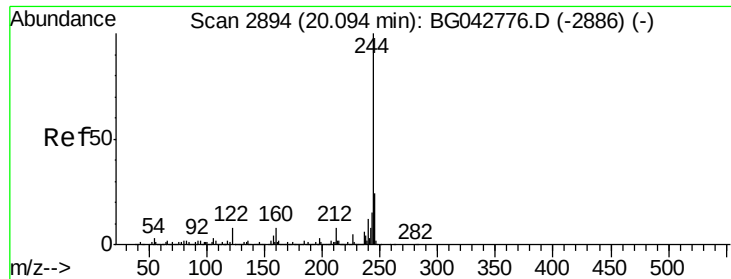
Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	202	Resp:	1419345
Ion Ratio	Lower	Upper	
202	100		
200	25.4	18.5	27.7
203	20.1	15.3	22.9





#79

Terphenyl-d14

Concen: 109.107 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

ClientSampleId :

SB-12MSD

Tot Ion:244 Resp: 1816418

Ion Ratio Lower Upper

244 100

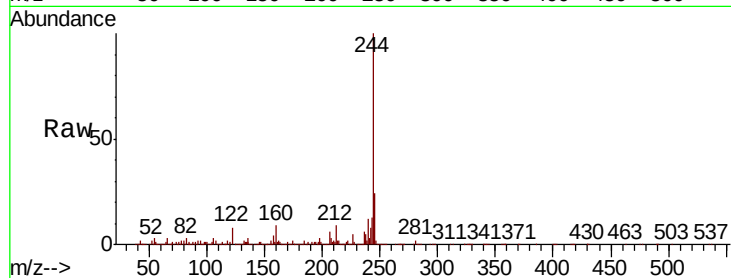
212 8.8 6.6 10.0

122 7.6 6.2 9.4

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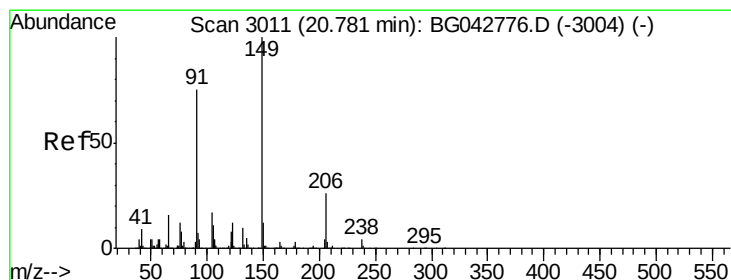
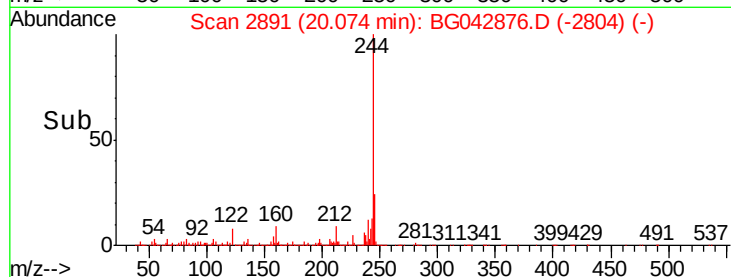
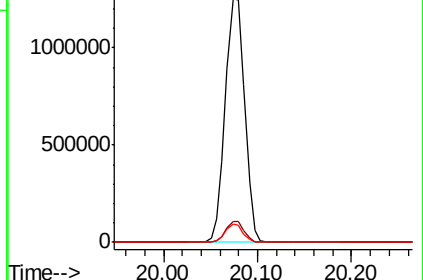
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.384 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

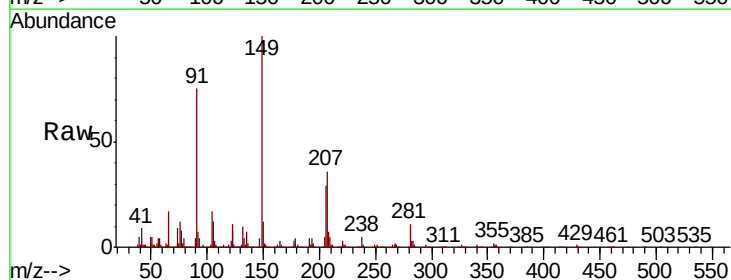
Tgt Ion:149 Resp: 480370

Ion Ratio Lower Upper

149 100

91 75.2 60.2 90.2

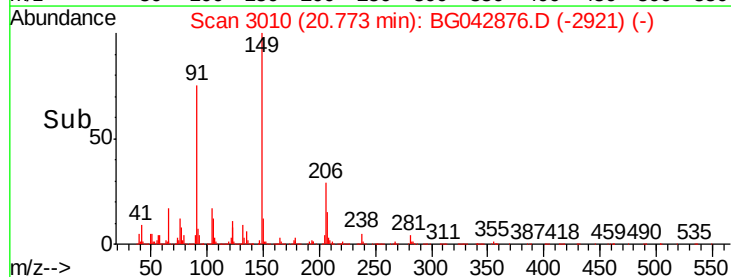
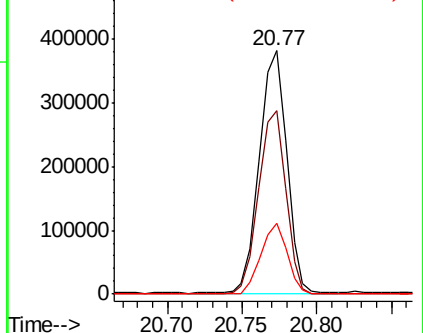
206 29.0 20.6 30.8

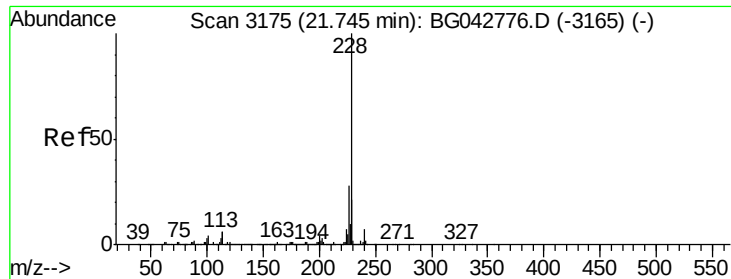


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





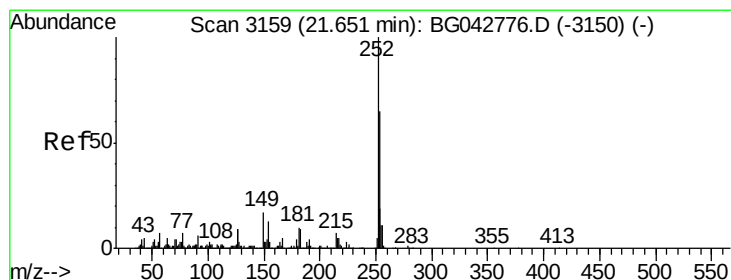
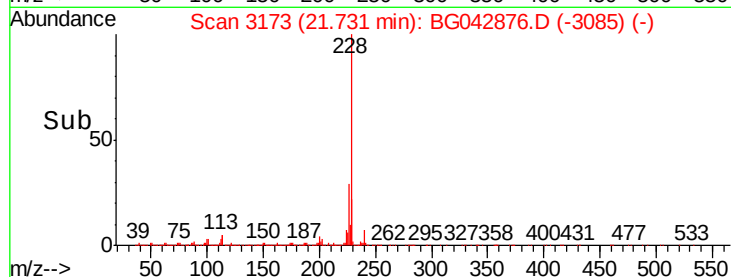
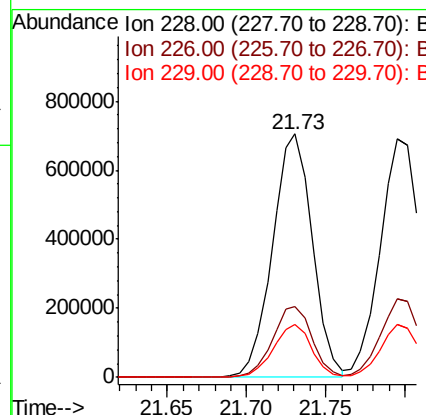
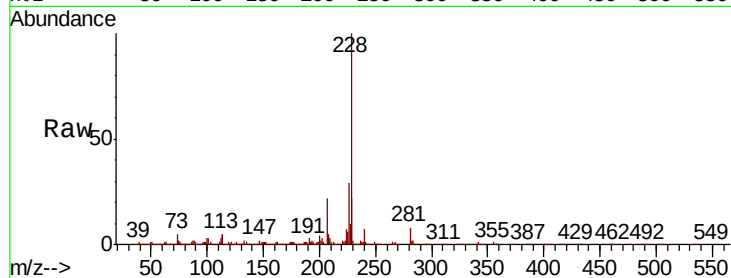
#81
Benzo(a)anthracene
Concen: 52.311 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	21.7	17.2	25.8

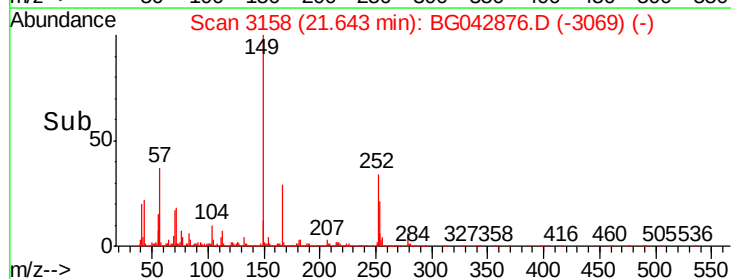
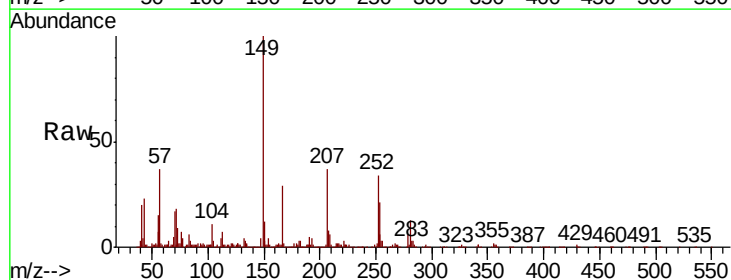
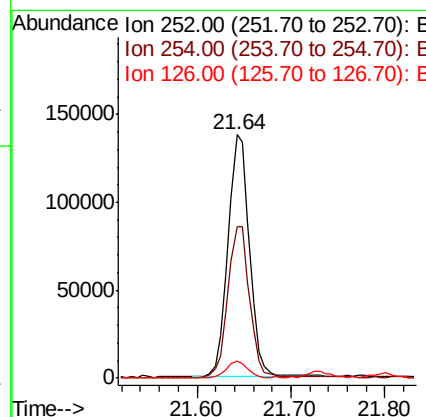
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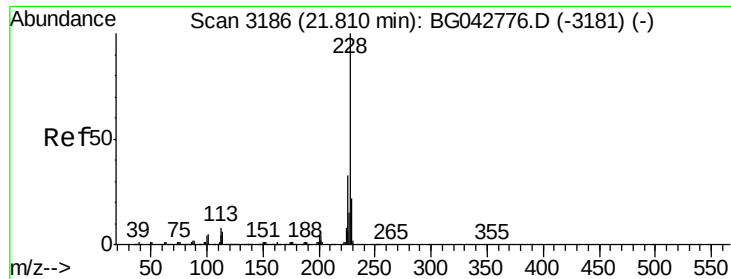
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#82
3,3'-Dichlorobenzidine
Concen: 24.221 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.4	52.2	78.2
126	7.0	7.0	10.4





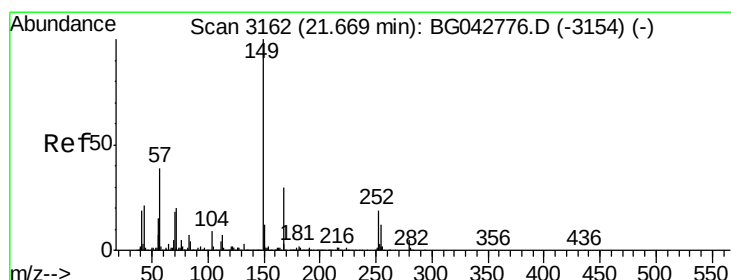
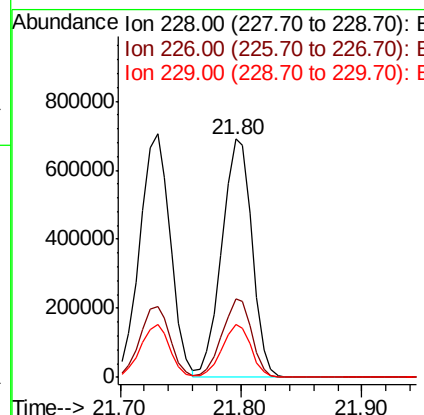
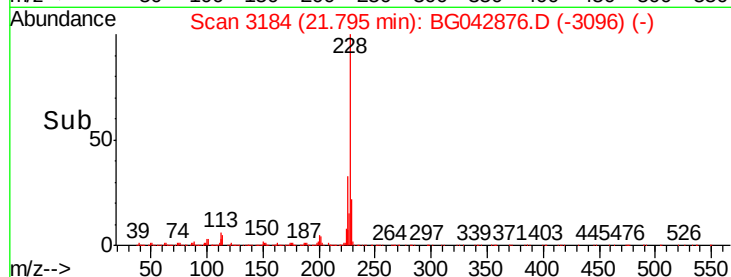
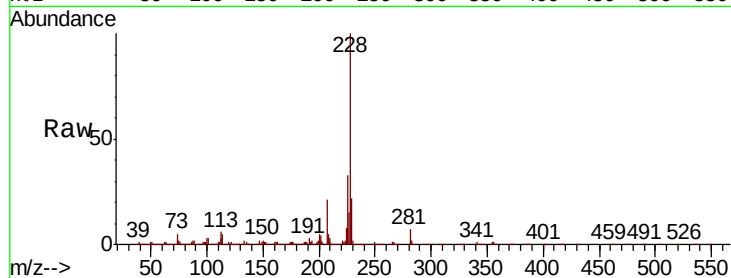
#83
Chrysene
Concen: 53.571 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	33.0	26.0	39.0	
229	22.0	17.1	25.7	

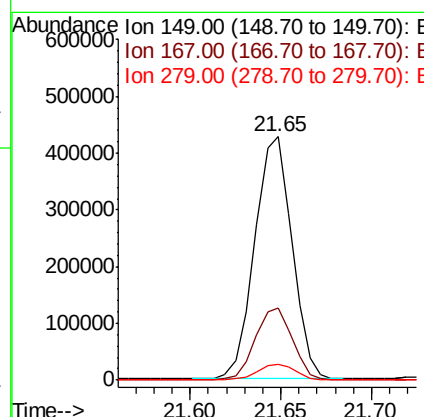
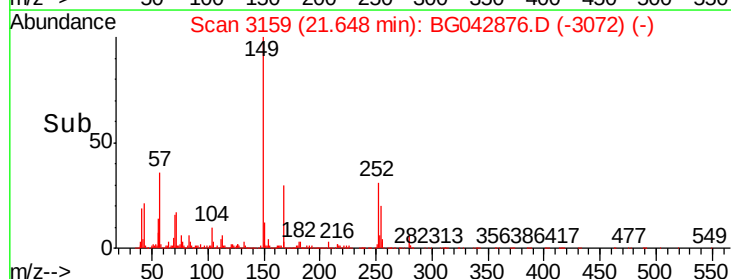
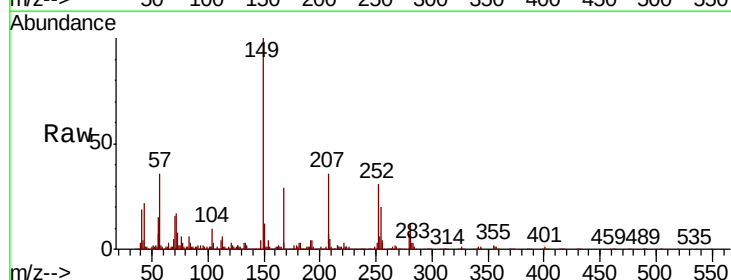
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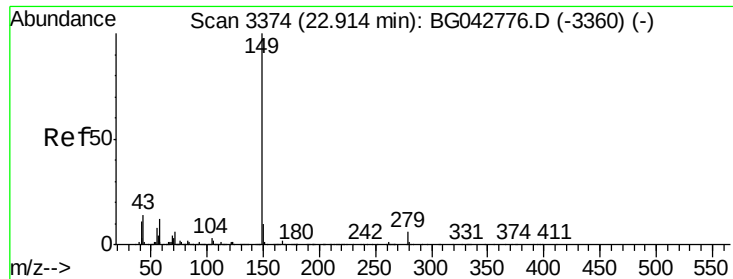
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.746 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	29.5	24.3	36.5	
279	6.5	4.2	6.4#	





#85

Di-n-octyl phthalate

Concen: 44.079 ng

RT: 22.88 min Scan# 3369

Delta R.T. -0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

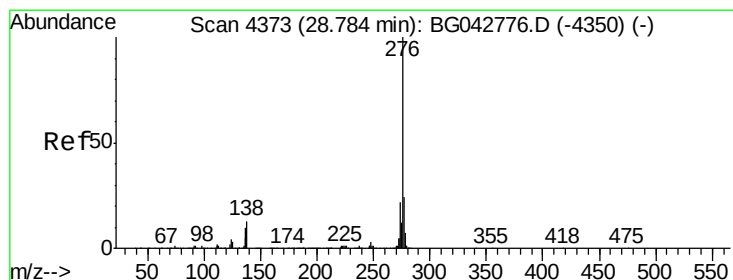
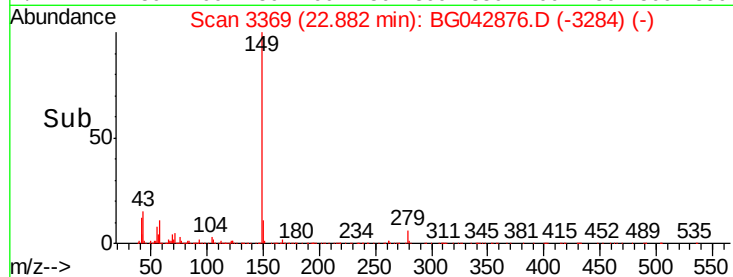
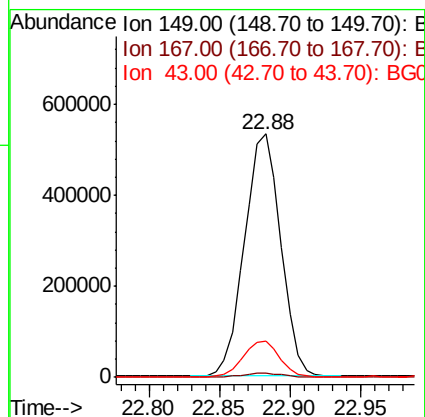
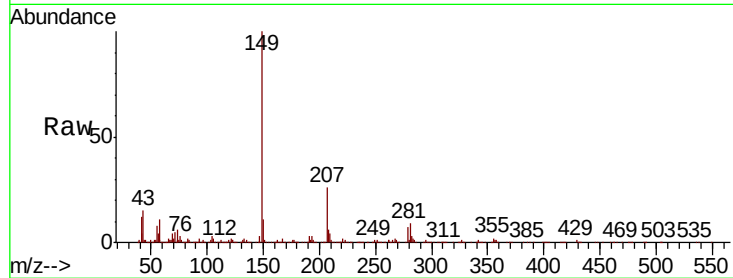
ClientSampleId :

SB-12MSD

Tot Ion:	149	Resp:	959874
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	14.6	10.6	15.8

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.661 ng

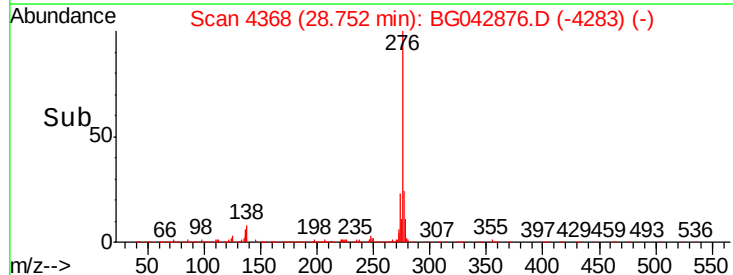
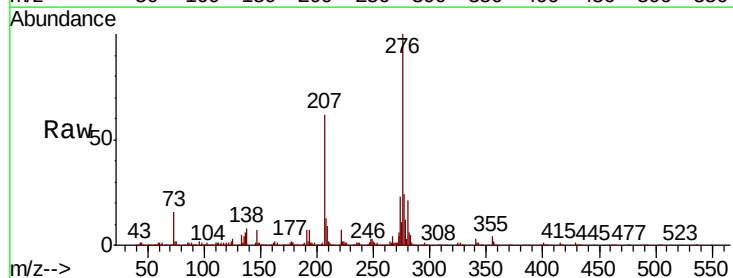
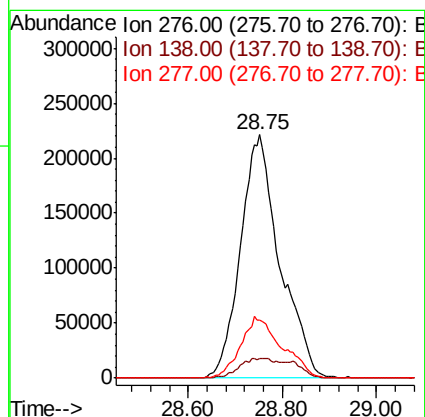
RT: 28.75 min Scan# 4368

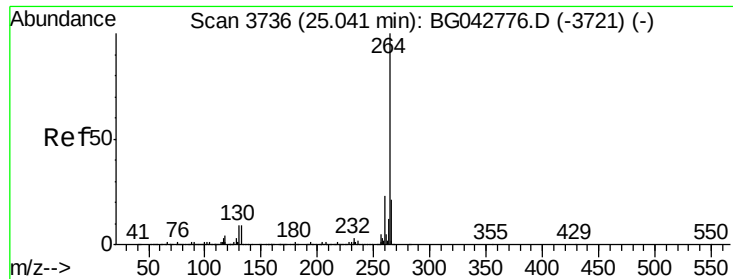
Delta R.T. -0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	276	Resp:	1284038
Ion Ratio	Lower	Upper	
276	100		
138	4.0	9.3	13.9#
277	26.5	17.2	25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Instrument :

BNA_G

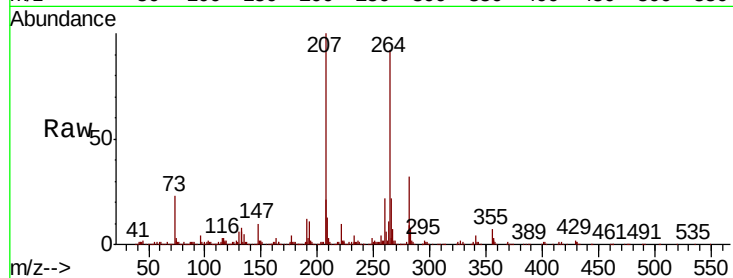
ClientSampleId :

SB-12MSD

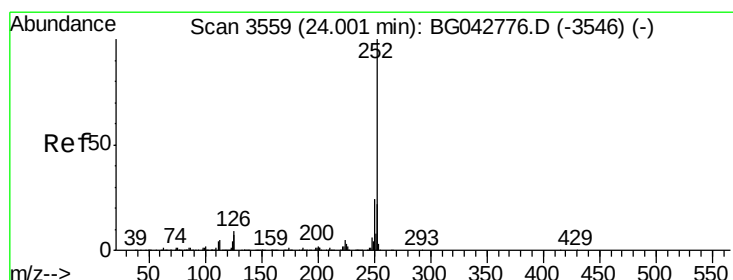
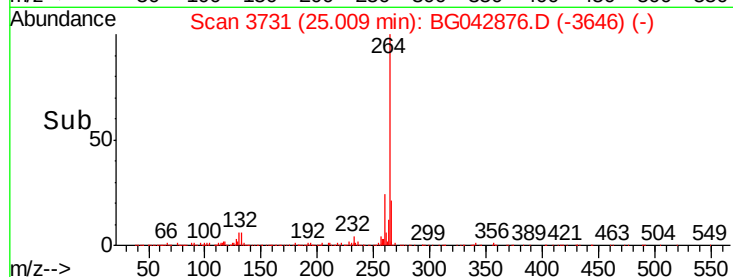
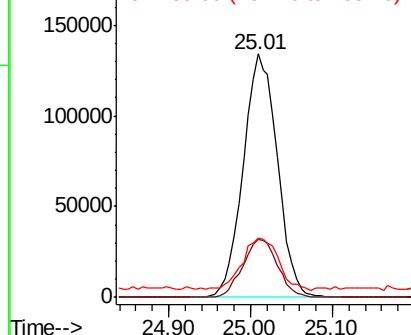
Tot Ion:	264	Resp:	388752
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.2	27.2
265	24.4	16.9	25.3

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



#88

Benzo(b)fluoranthene

Concen: 52.448 ng

RT: 23.98 min Scan# 3556

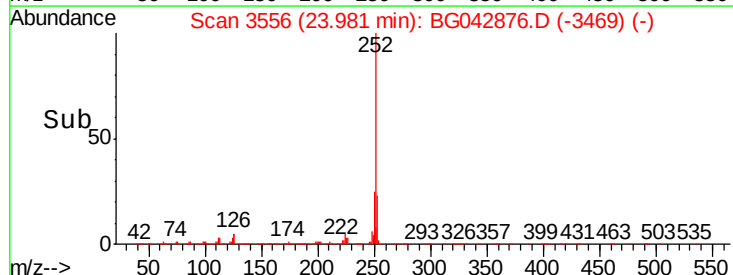
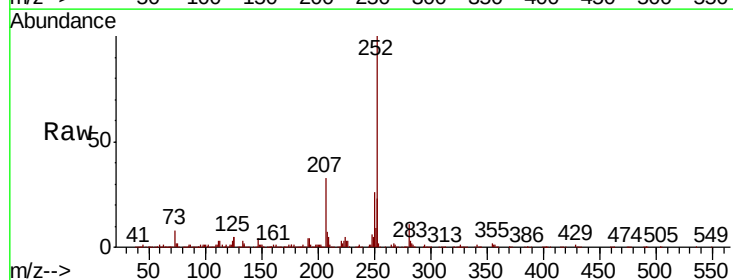
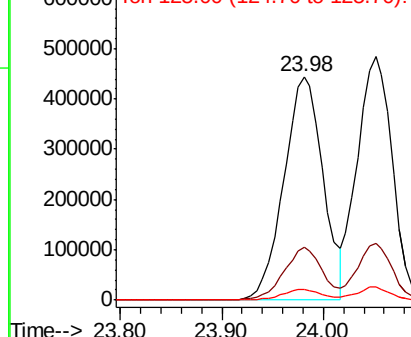
Delta R.T. -0.02 min

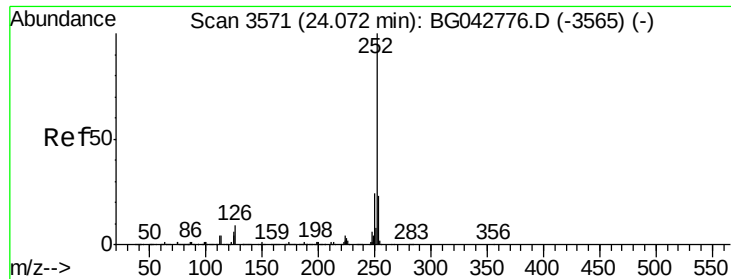
Lab File: BG042876.D

Acq: 17 Sep 2019 20:40

Tgt Ion:	252	Resp:	1197221
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.9	26.9
125	4.7	5.6	8.4#

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





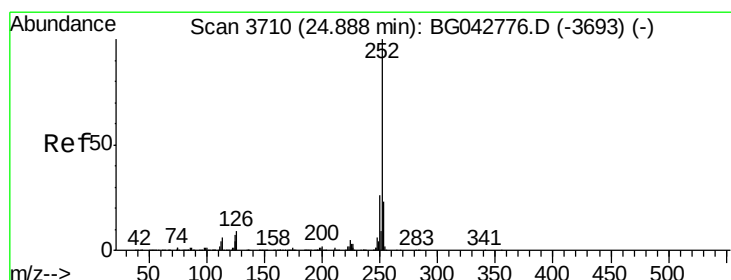
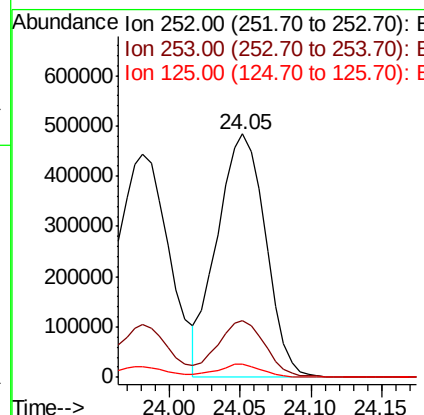
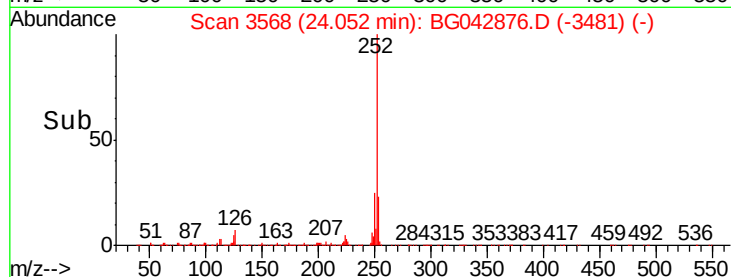
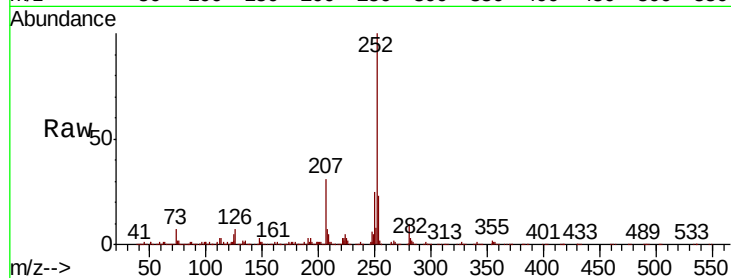
#89
Benzo(k)fluoranthene
Concen: 53.142 ng
RT: 24.05 min Scan# 3568
Delta R.T. -0.02 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.4
125	5.3	5.3	7.9

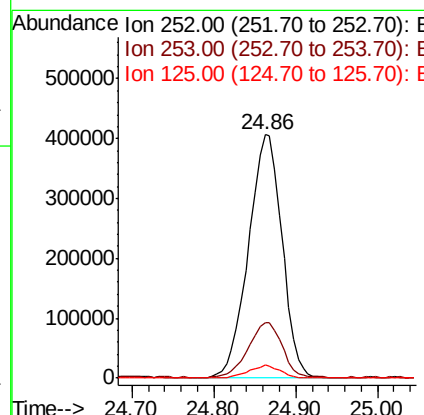
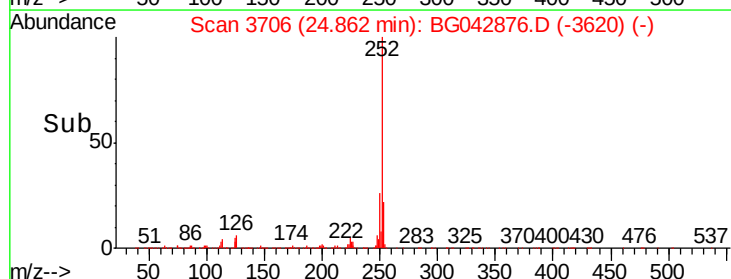
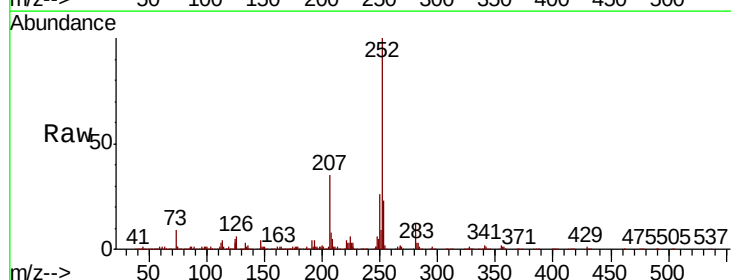
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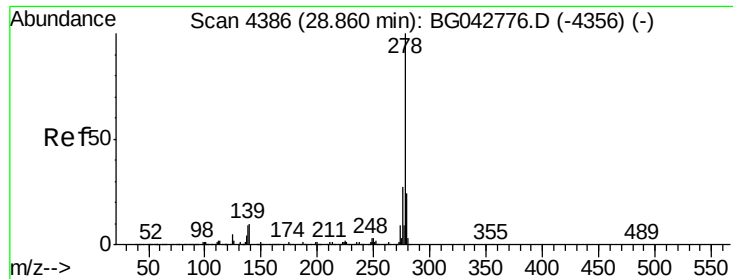
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#90
Benzo(a)pyrene
Concen: 54.049 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	5.3	5.7	8.5





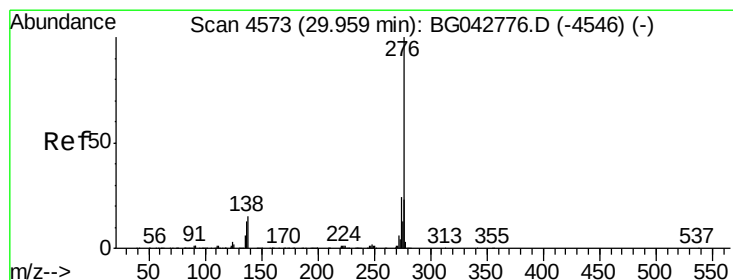
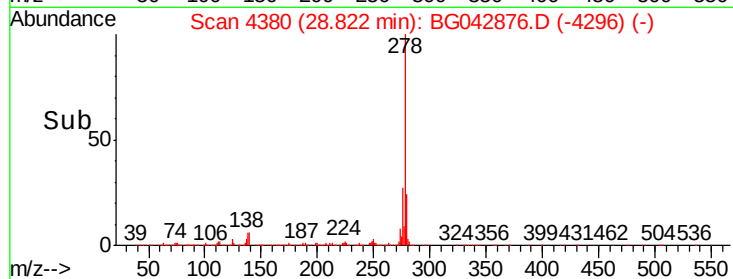
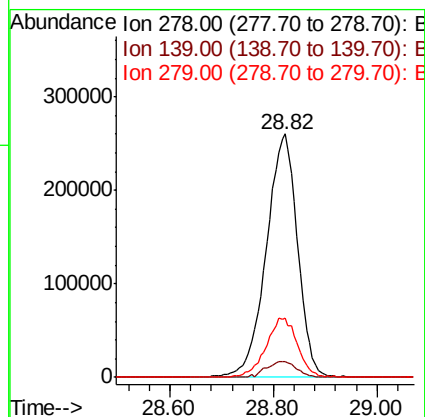
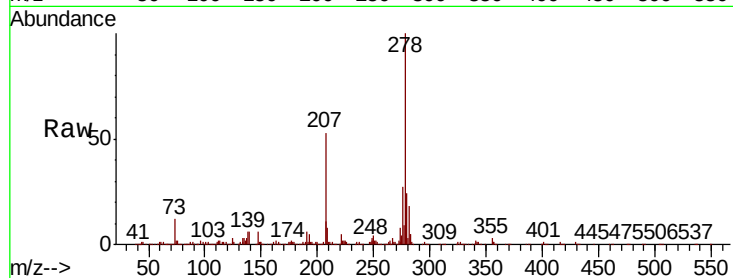
#91
Dibenzo(a,h)anthracene
Concen: 51.763 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.04 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Instrument :
BNA_G
ClientSampleId :
SB-12MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	6.3	8.2	12.2#
279	24.4	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/18/2019 2:18:42 PM



#92
Benzo(g,h,i)perylene
Concen: 53.747 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.04 min
Lab File: BG042876.D
Acq: 17 Sep 2019 20:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.4	27.6
138	10.0	11.8	17.8#

