

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
 Data File : BG042875.D
 Acq On : 17 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4918-12MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Manual Integrations
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 9/18/2019 2:18:39 PM

Quant Time: Sep 18 02:15:43 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	59112	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	244713	20.00	ng	-0.02
39) Acenaphthene-d10	14.73	164	201274	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	486228	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	380469	20.00	ng	-0.01
87) Perylene-d12	25.01	264	397671	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	340670	100.19	ng	0.02
7) Phenol-d6	7.31	99	537243	110.08	ng	0.04
23) Nitrobenzene-d5	9.28	82	350144	74.49	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	325353	121.50	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	880175	69.22	ng	-0.02
79) Terphenyl-d14	20.07	244	1410367	82.16	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	36277	23.378	ng	# 80
3) Pyridine	4.05	79	100341	21.477	ng	86
4) n-Nitrosodimethylamine	3.92	42	78844	34.681	ng	# 78
6) Aniline	7.45	93	105558	16.032	ng	97
8) 2-Chlorophenol	7.69	128	145154	39.495	ng	97
9) Benzaldehyde	7.26	77	89651	28.229	ng	97
10) Phenol	7.33	94	213277	42.614	ng	89
11) bis(2-Chloroethyl)ether	7.54	93	128524	33.461	ng	97
12) 1,3-Dichlorobenzene	8.00	146	150743	33.627	ng	98
13) 1,4-Dichlorobenzene	8.15	146	155558	34.661	ng	96
14) 1,2-Dichlorobenzene	8.46	146	146698	34.338	ng	96
15) Benzyl Alcohol	8.37	79	156832	37.446	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	306959	36.391	ng	97
17) 2-Methylphenol	8.57	107	137759	41.143	ng	93
18) Hexachloroethane	9.20	117	56925	34.356	ng	92
19) n-Nitroso-di-n-propylamine	8.94	70	130843	36.385	ng	93
20) 3+4-Methylphenols	8.90	107	188776	40.900	ng	98
22) Acetophenone	8.95	105	227095	36.745	ng	# 94
24) Nitrobenzene	9.32	77	198067	40.146	ng	98
25) Isophorone	9.88	82	360805	36.826	ng	99
26) 2-Nitrophenol	10.03	139	87144	44.918	ng	# 96
27) 2,4-Dimethylphenol	10.10	122	152314	44.383	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	194674	35.630	ng	98
29) 2,4-Dichlorophenol	10.57	162	176682	44.303	ng	98
30) 1,2,4-Trichlorobenzene	10.78	180	191091	39.246	ng	98
31) Naphthalene	10.97	128	481749	39.872	ng	100
32) Benzoic acid	10.29	122	109126	40.393	ng	93
33) 4-Chloroaniline	11.08	127	39515	6.997	ng	# 94
34) Hexachlorobutadiene	11.25	225	139195	40.803	ng	95
35) Caprolactam	11.97	113	58096m	39.174	ng	
36) 4-Chloro-3-methylphenol	12.21	107	195880	45.237	ng	97
37) 2-Methylnaphthalene	12.56	142	385027	42.541	ng	97
38) 1-Methylnaphthalene	12.78	142	364145m	42.897	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	264017	39.696	ng	99

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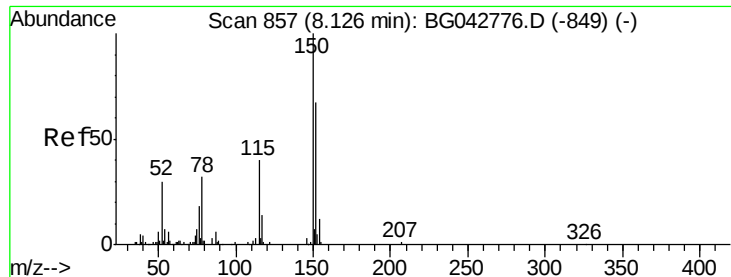
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	357907	93.934	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	180354	40.731	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	196811	43.394	nq	96
46) 1,1'-Biphenyl	13.56	154	554775	39.373	nq	100
47) 2-Chloronaphthalene	13.60	162	433300	37.174	nq	100
48) 2-Nitroaniline	13.82	65	154343	38.171	nq	99
49) Acenaphthylene	14.45	152	711790	39.961	nq	96
50) Dimethylphthalate	14.20	163	709364	47.047	nq	100
51) 2,6-Dinitrotoluene	14.30	165	133308	43.088	nq	98
52) Acenaphthene	14.79	154	422741	36.328	nq	99
53) 3-Nitroaniline	14.64	138	43701	12.586	nq	# 98
54) 2,4-Dinitrophenol	14.83	184	168071	110.351	nq	# 71
55) Dibenzofuran	15.13	168	697676	40.336	nq	98
56) 4-Nitrophenol	14.96	139	215445	80.248	nq	95
57) 2,4-Dinitrotoluene	15.09	165	188622	45.739	nq	99
58) Fluorene	15.77	166	591201	41.242	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	202116	45.971	nq	98
60) Diethylphthalate	15.56	149	594812	38.863	nq	98
61) 4-Chlorophenyl-phenylether	15.76	204	350597	41.365	nq	98
62) 4-Nitroaniline	15.80	138	137532	36.746	nq	84
63) Azobenzene	16.05	77	577892	39.210	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	124221	59.708	nq	95
66) n-Nitrosodiphenylamine	15.98	169	532456	40.695	nq	98
67) 4-Bromophenyl-phenylether	16.66	248	235712	40.052	nq	97
68) Hexachlorobenzene	16.78	284	247186	39.308	nq	96
69) Atrazine	16.94	200	208227	45.701	nq	98
70) Pentachlorophenol	17.12	266	331122	88.761	nq	93
71) Phenanthrene	17.51	178	956070	41.116	nq	100
72) Anthracene	17.61	178	957748	41.227	nq	100
73) Carbazole	17.88	167	863075	39.088	nq	97
74) Di-n-butylphthalate	18.44	149	953021	36.031	nq	99
75) Fluoranthene	19.52	202	1150150	38.164	nq	98
77) Benzidine	19.70	184	278327	26.184	nq	98
78) Pyrene	19.88	202	1143398	48.002	nq	98
80) Butylbenzylphthalate	20.77	149	362666	37.620	nq	97
81) Benzo(a)anthracene	21.73	228	959971	39.683	nq	100
82) 3,3'-Dichlorobenzidine	21.65	252	136747	14.546	nq	# 99
83) Chrysene	21.80	228	918466	40.083	nq	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	465275	35.323	nq	# 98
85) Di-n-octyl phthalate	22.88	149	737642	32.850	nq	96
86) Indeno(1,2,3-cd)pyrene	28.75	276	977072	34.433	nq	# 89
88) Benzo(b)fluoranthene	23.98	252	923006	39.529	nq	# 97
89) Benzo(k)fluoranthene	24.05	252	882916	40.028	nq	# 98
90) Benzo(a)pyrene	24.86	252	884192	40.440	nq	# 98
91) Dibenzo(a,h)anthracene	28.82	278	828888	38.545	nq	# 98
92) Benzo(g,h,i)perylene	29.91	276	837313	39.918	nq	# 92

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



#1

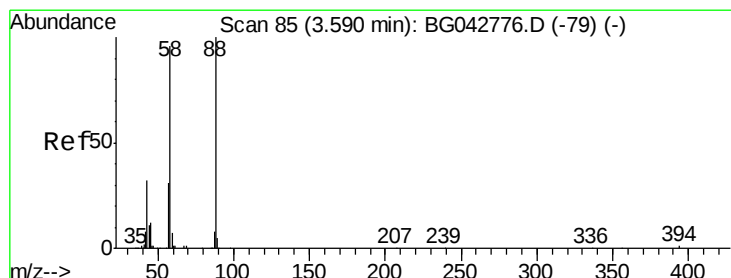
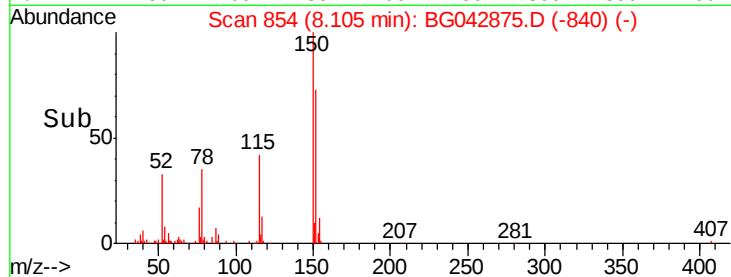
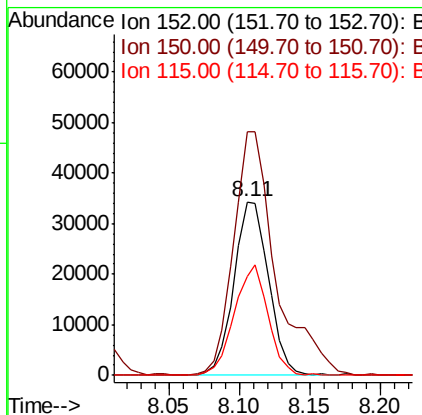
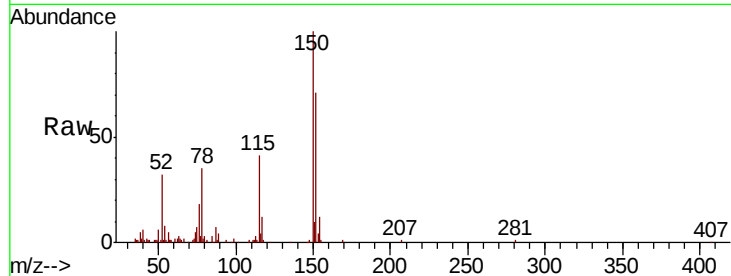
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.3	118.9	178.3
115	57.3	47.4	71.2

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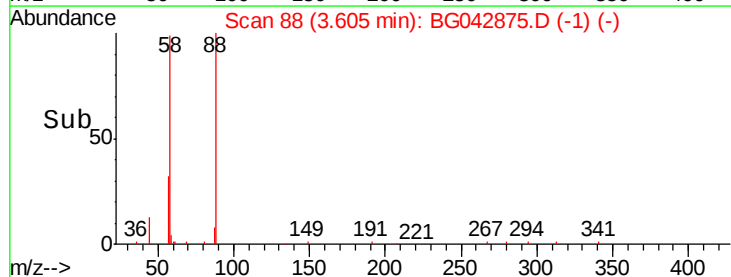
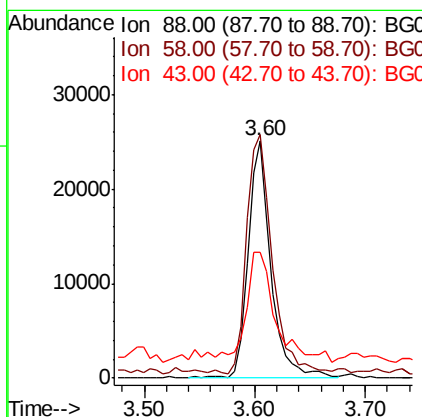
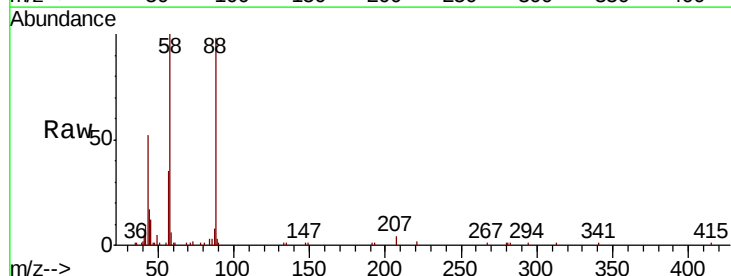
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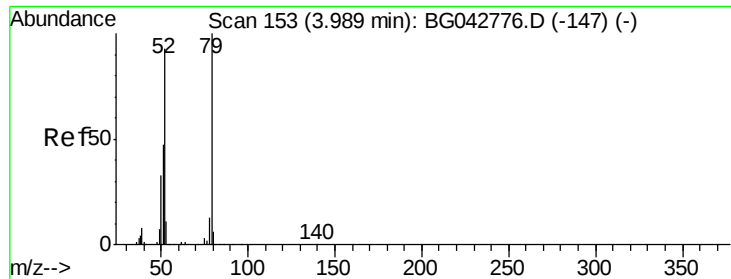


#2

1,4-Dioxane
Concen: 23.378 ng
RT: 3.60 min Scan# 88
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	113.6	79.1	118.7
43	58.1	30.4	45.6





#3

Pvridine

Concen: 21.477 ng

RT: 4.05 min Scan# 163

Delta R.T. 0.06 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

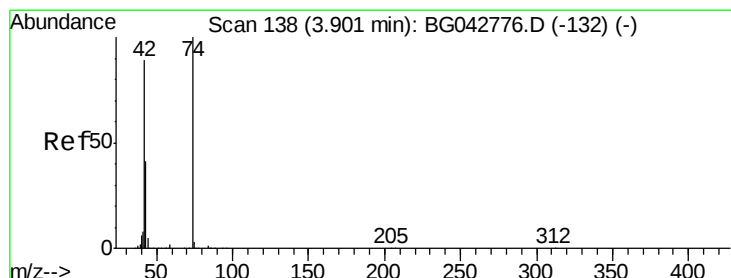
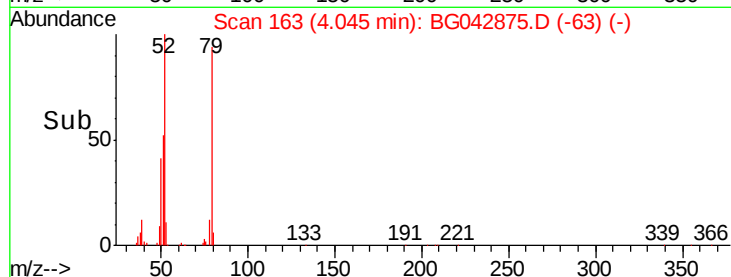
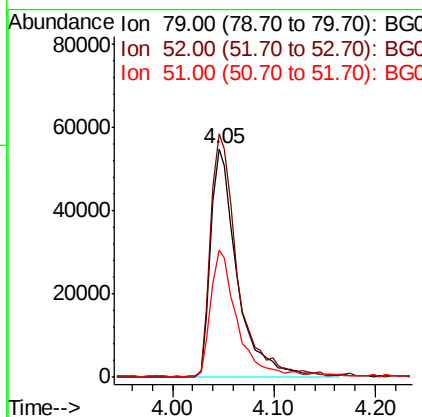
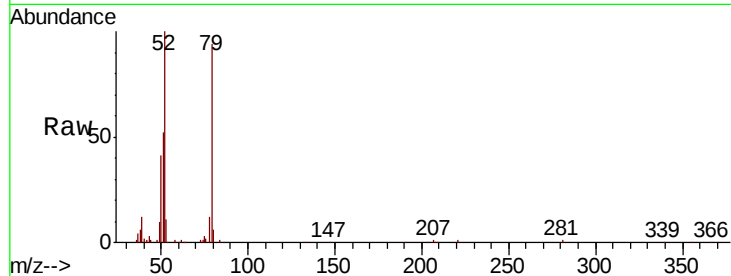
ClientSampleId :

SB-12MS

Tot Ion:	79	Resp:	100341
Ion	Ratio	Lower	Upper
79	100		
52	106.7	74.0	111.0
51	55.9	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 34.681 ng

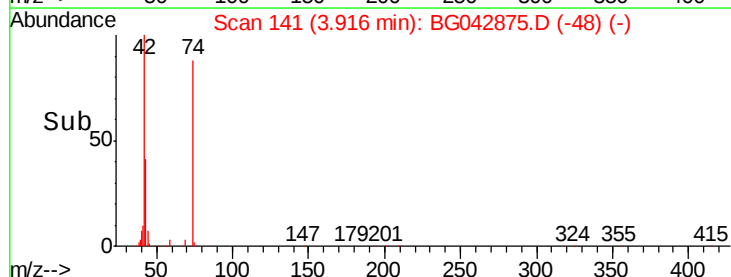
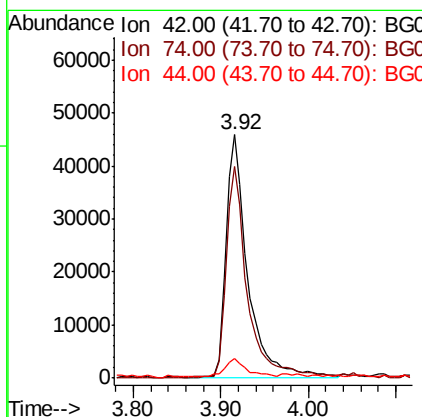
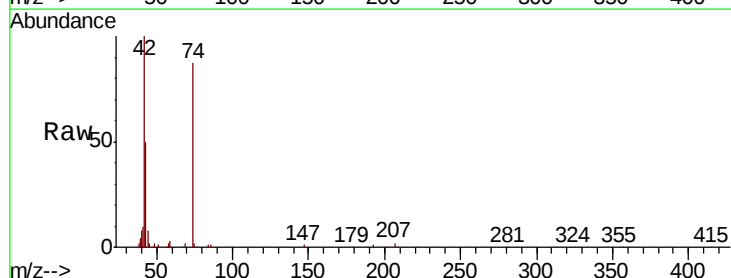
RT: 3.92 min Scan# 141

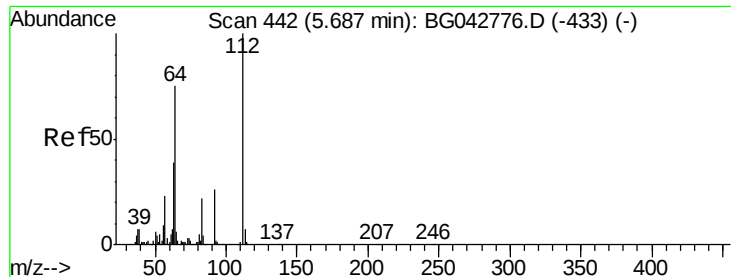
Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	42	Resp:	78844
Ion	Ratio	Lower	Upper
42	100		
74	87.1	90.2	135.2#
44	7.9	6.6	9.8





#5

2-Fluorophenol

Concen: 100.195 ng

RT: 5.71 min Scan# 446

Delta R.T. 0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

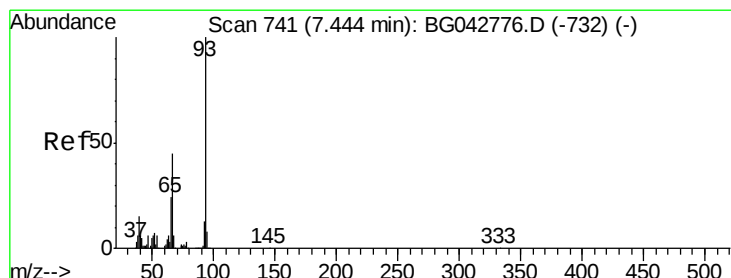
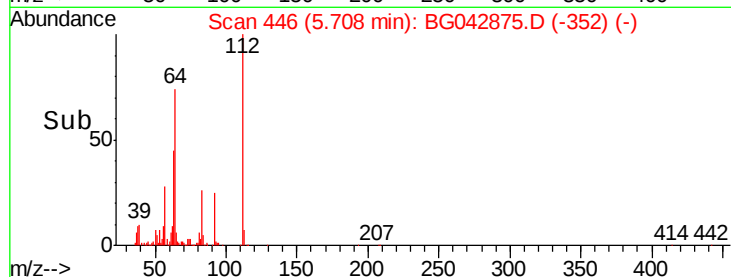
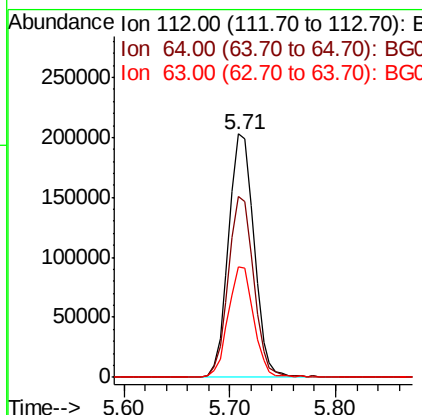
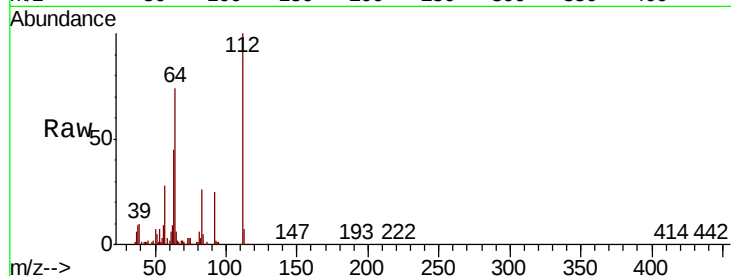
ClientSampled :

SB-12MS

Tot Ion:	112	Resp:	340670
Ion Ratio	Lower	Upper	
112	100		
64	74.1	60.2	90.2
63	45.2	31.2	46.8

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#6

Aniline

Concen: 16.032 ng

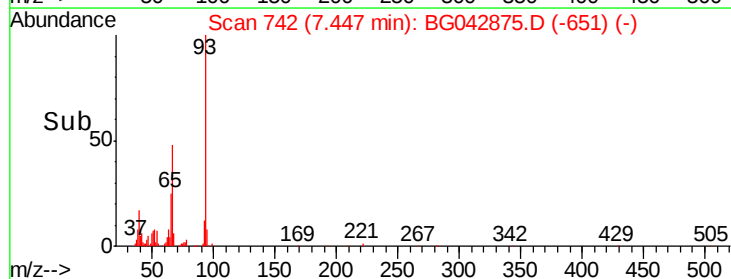
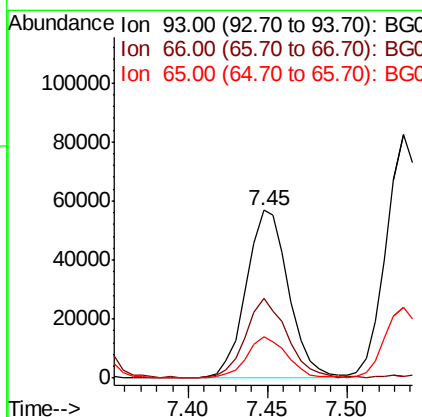
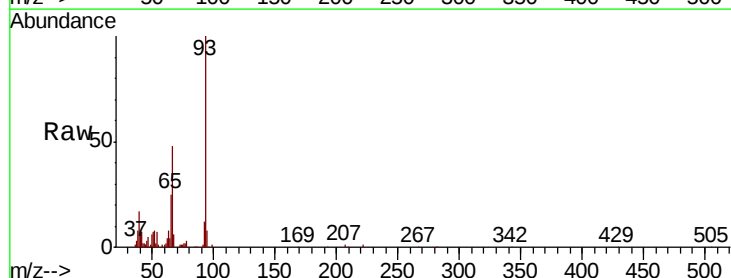
RT: 7.45 min Scan# 742

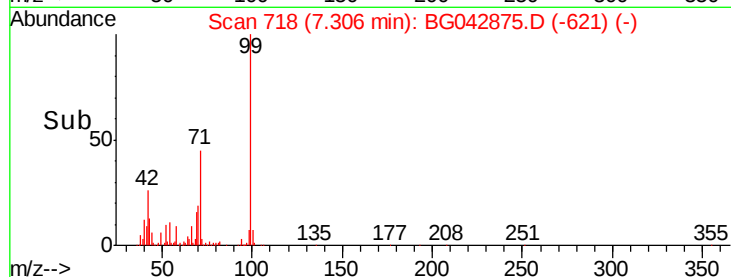
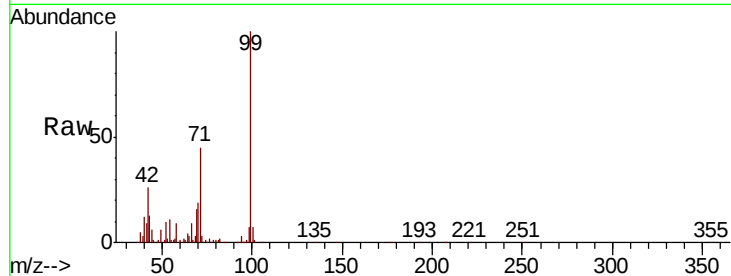
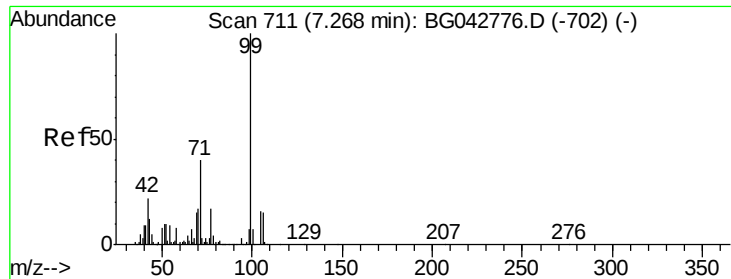
Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	93	Resp:	105558
Ion Ratio	Lower	Upper	
93	100		
66	47.7	36.3	54.5
65	24.9	19.3	28.9





#7

Phenol-d6

Concen: 110.085 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.04 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		537243		
42	25.7	17.5	26.3		
71	45.5	32.0	48.0		

Instrument :

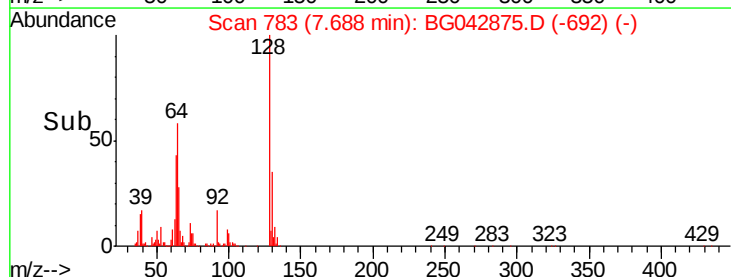
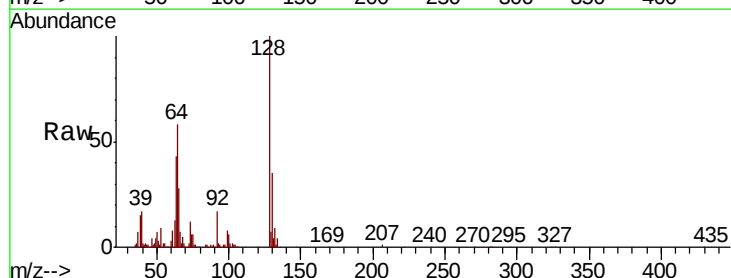
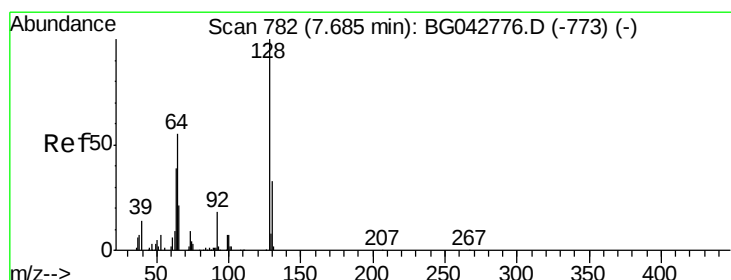
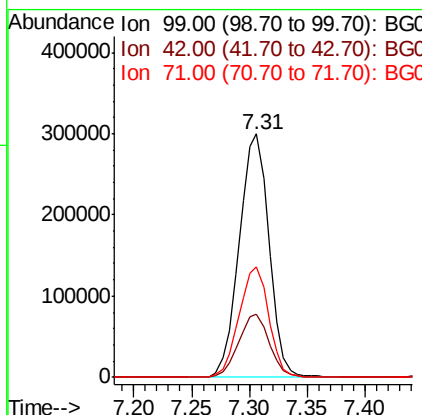
BNA_G

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#8

2-Chlorophenol

Concen: 39.495 ng

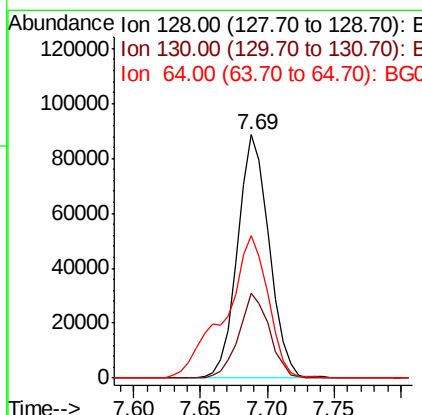
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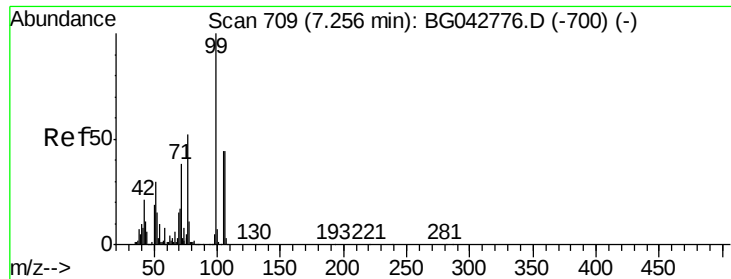
Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		145154		
130	35.0	12.8	52.8		
64	58.3	36.8	76.8		





#9

Benzaldehyde

Concen: 28.229 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

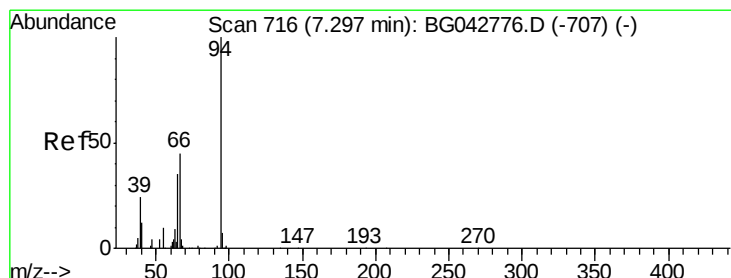
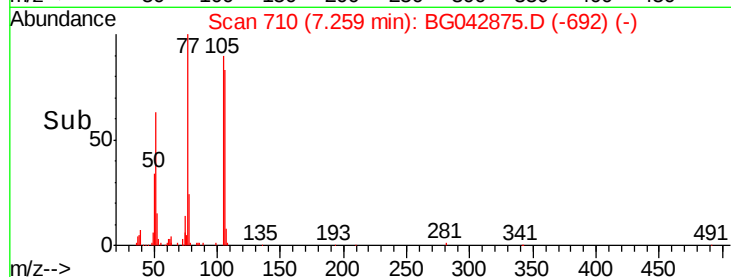
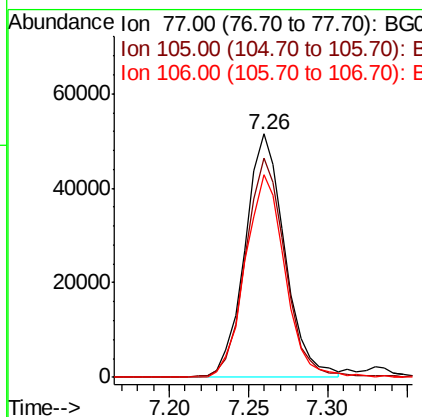
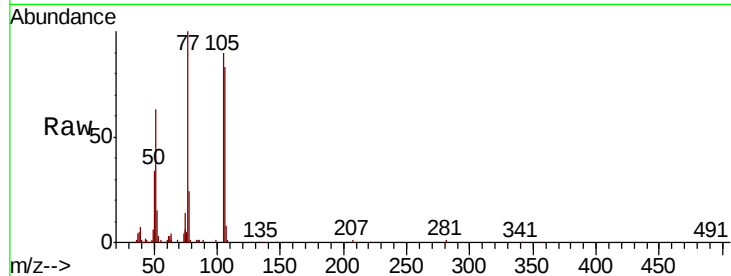
ClientSampleId :

SB-12MS

Tot Ion:	77	Resp:	89651
Ion	Ratio	Lower	Upper
77	100		
105	90.3	64.5	104.5
106	83.4	63.4	103.4

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#10

Phenol

Concen: 42.614 ng

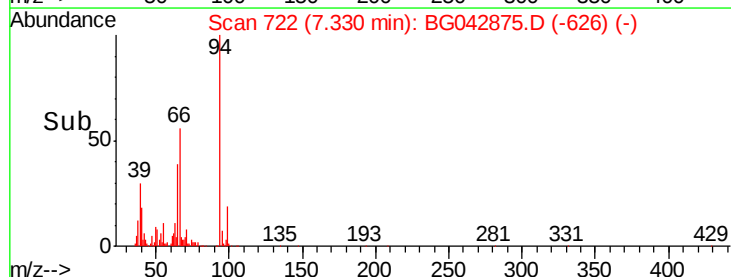
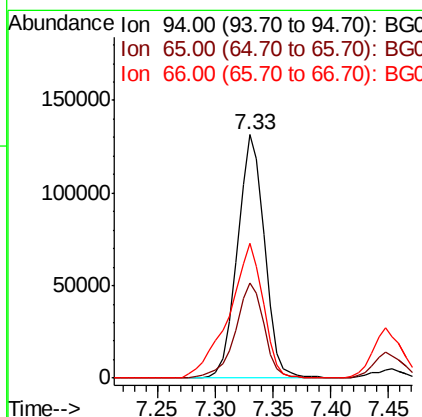
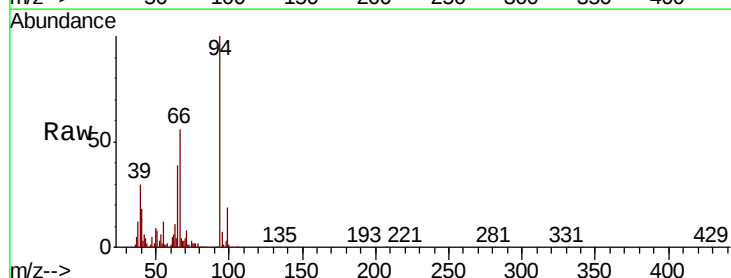
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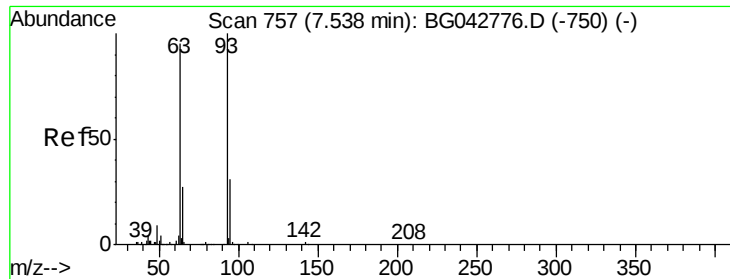
Delta R.T. 0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	94	Resp:	213277
Ion	Ratio	Lower	Upper
94	100		
65	39.3	15.0	55.0
66	55.5	26.1	66.1





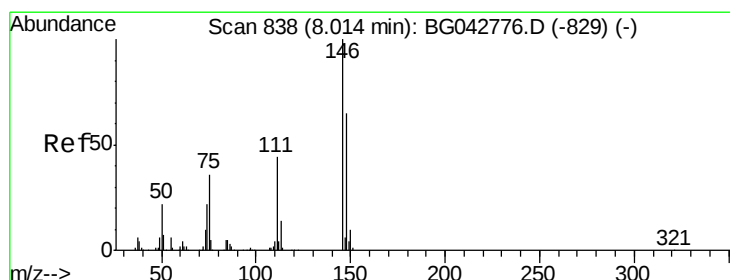
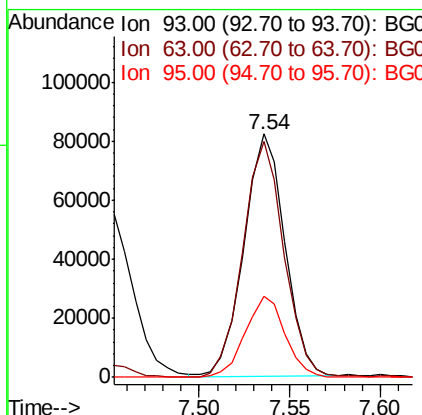
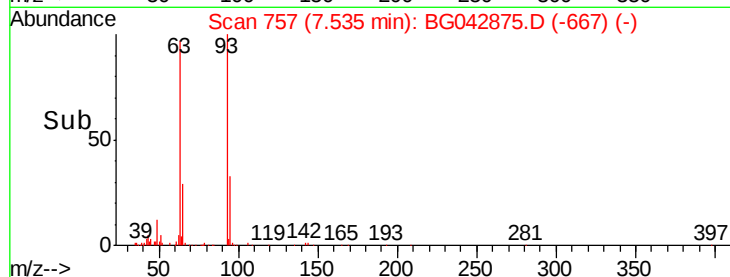
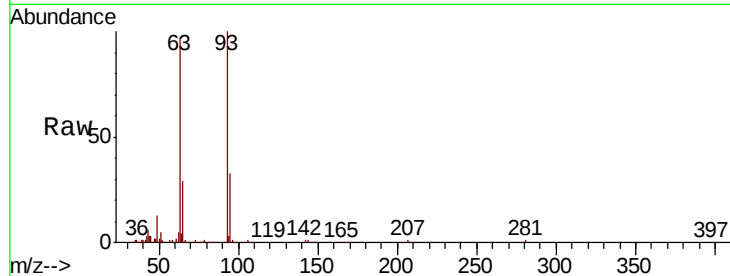
#11
bis(2-Chloroethyl)ether
Concen: 33.461 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	96.8	74.7	114.7
95	33.2	11.1	51.1

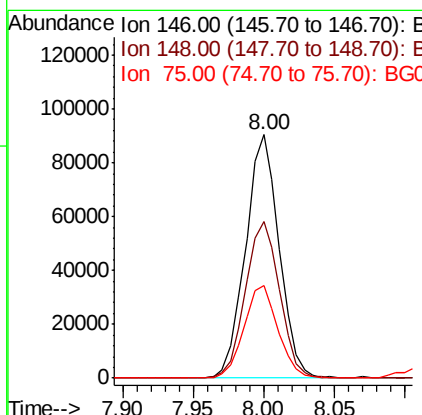
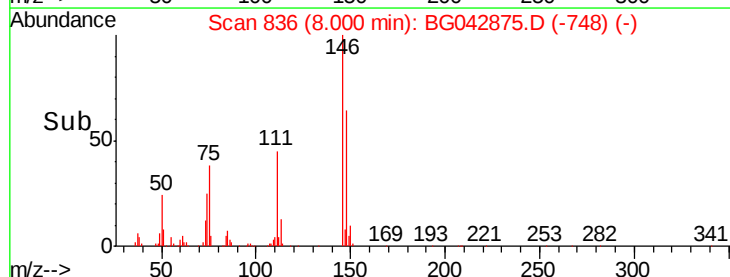
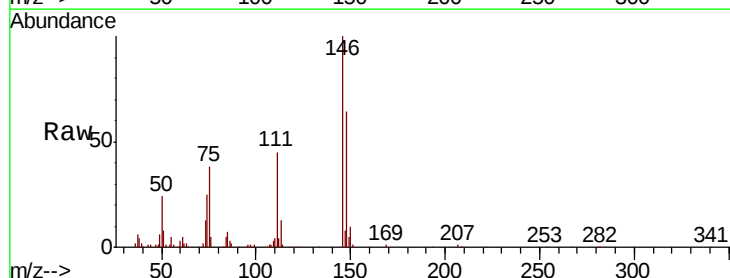
Manual Integrations
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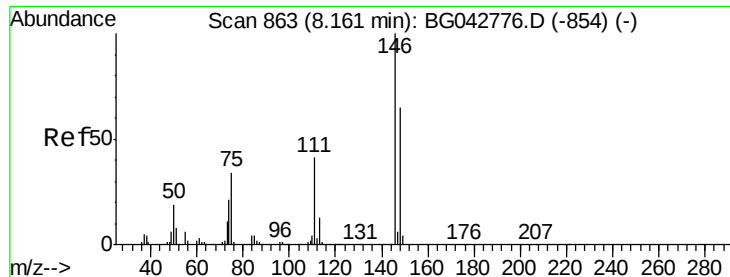
mohammad
9/18/2019 2:18:39 PM



#12
1,3-Dichlorobenzene
Concen: 33.627 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	38.1	28.4	42.6





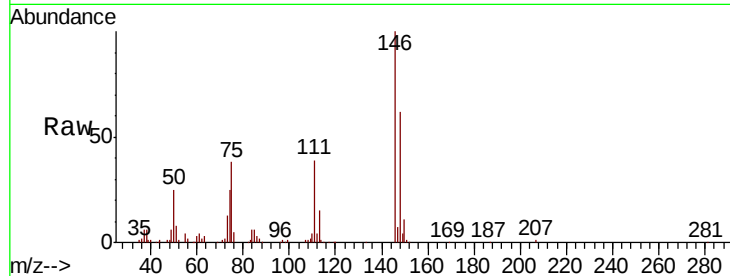
#13
 1,4-Dichlorobenzene
 Concen: 34.661 ng
 RT: 8.15 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.2	78.4
111	38.7	32.6	49.0

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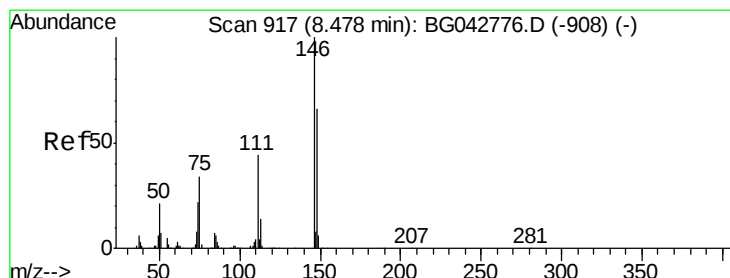
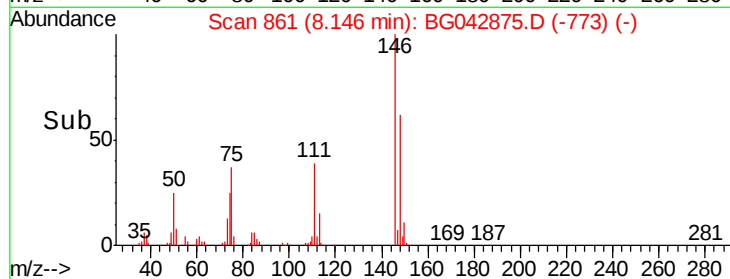
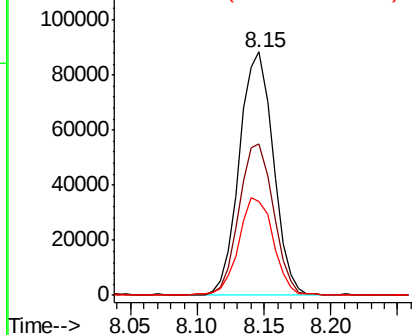


Abundance

Ion 146.00 (145.70 to 146.70): E

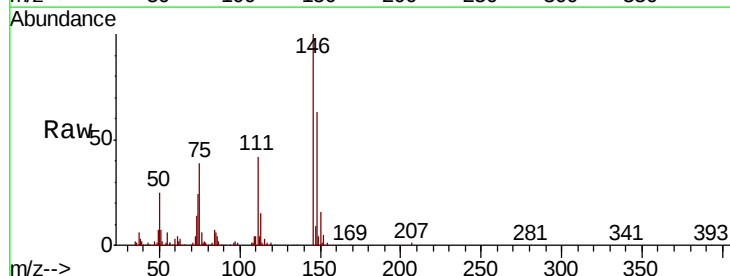
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 34.338 ng
 RT: 8.46 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.6	78.8
111	41.5	35.3	52.9

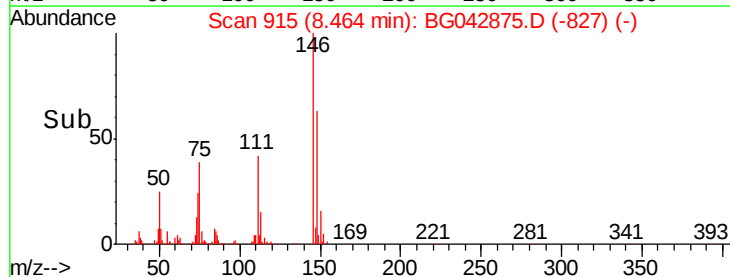
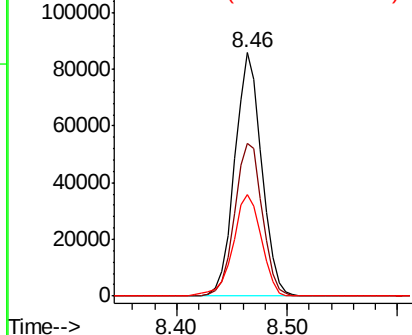


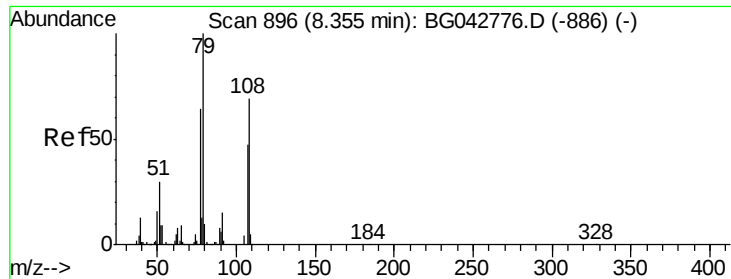
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.446 ng

RT: 8.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

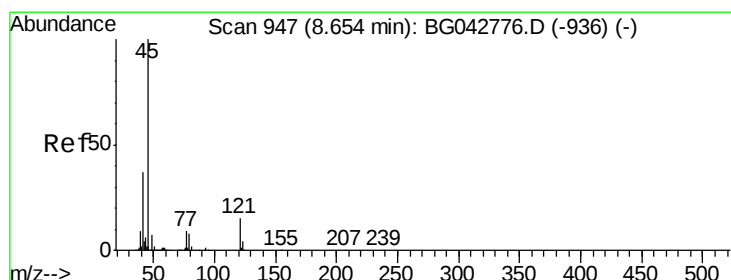
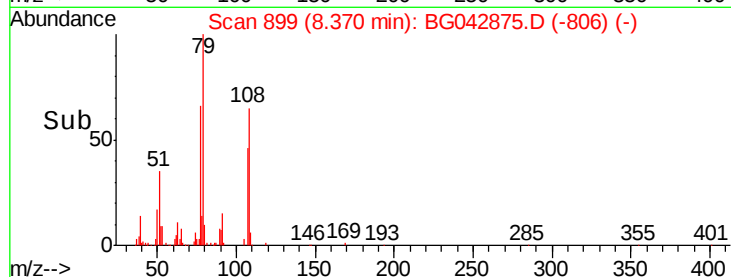
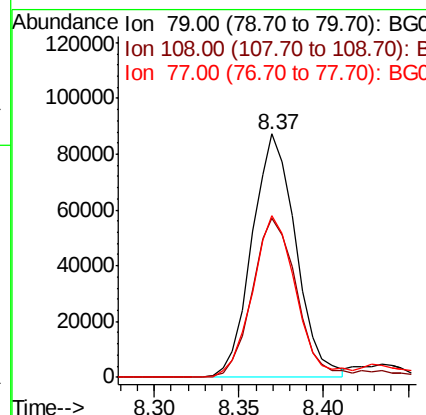
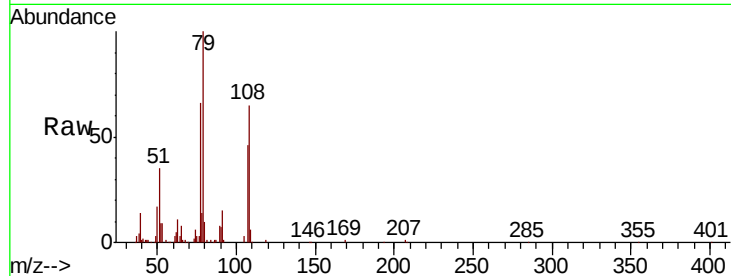
ClientSampled :

SB-12MS

Tot Ion:	79	Resp:	156832
Ion Ratio	Lower	Upper	
79	100		
108	65.3	54.9	82.3
77	66.3	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.391 ng

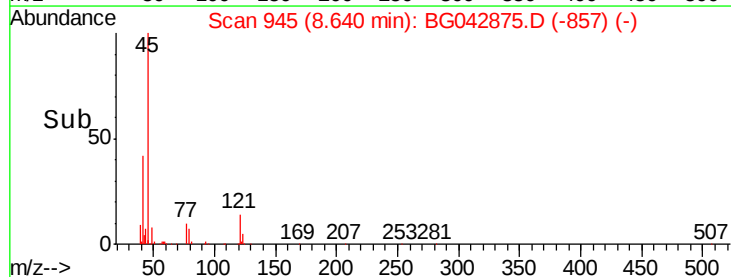
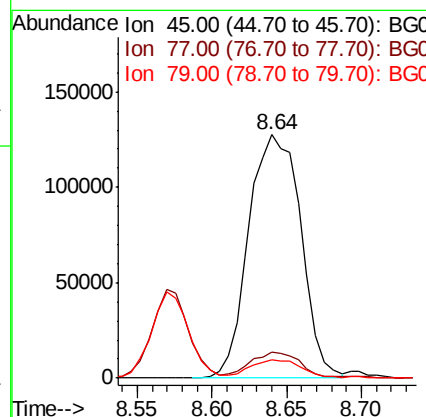
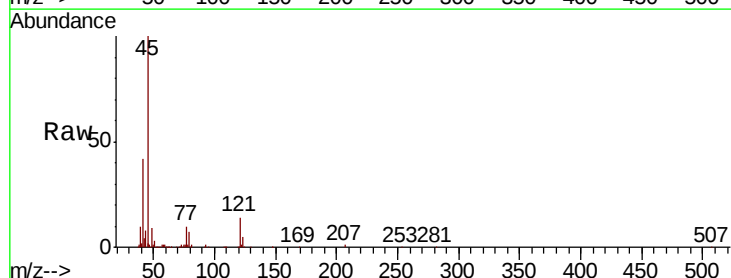
RT: 8.64 min Scan# 945

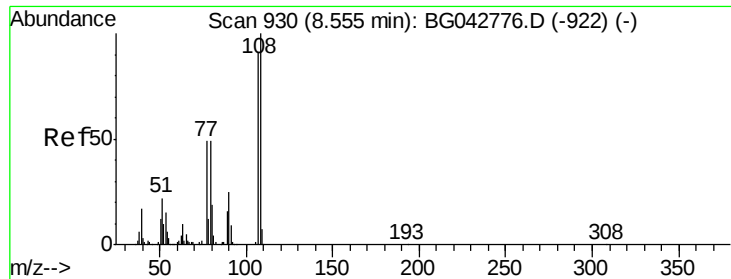
Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	45	Resp:	306959
Ion Ratio	Lower	Upper	
45	100		
77	10.5	0.0	29.4
79	7.4	0.0	28.4





#17

2-Methylphenol

Concen: 41.143 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

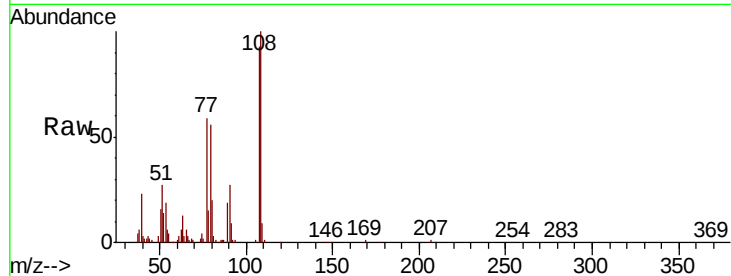
ClientSampleId :

SB-12MS

Tot Ion	107	Resp	137759
Ion Ratio	Lower	Upper	
107	100		
108	107.7	87.7	131.5
77	63.1	42.6	64.0
79	60.8	43.4	65.2

Manual Integrations
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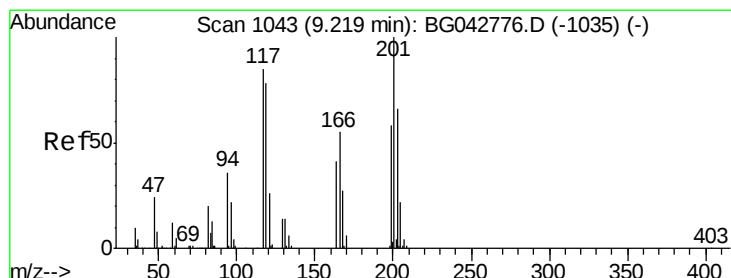
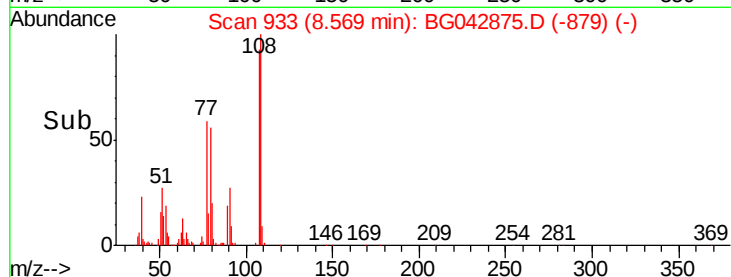
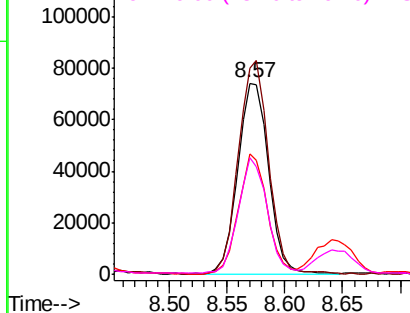
Abundance

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: 34.356 ng

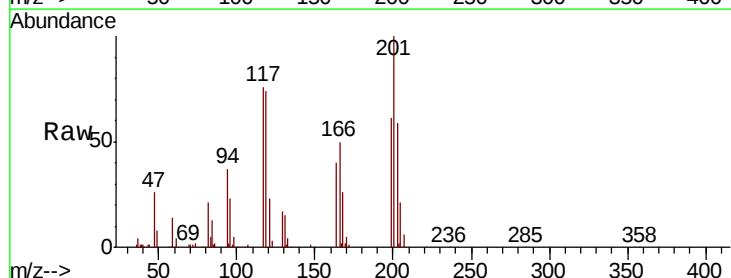
RT: 9.20 min Scan# 1040

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion	117	Resp	56925
Ion Ratio	Lower	Upper	
117	100		
119	96.2	73.8	110.8
201	130.9	94.6	142.0

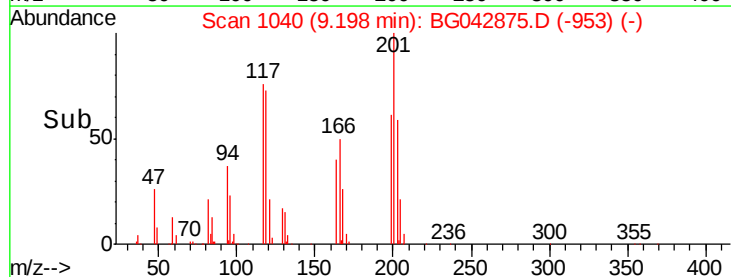
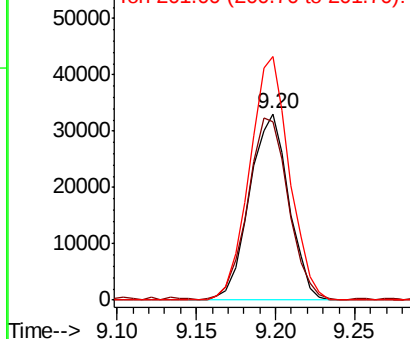


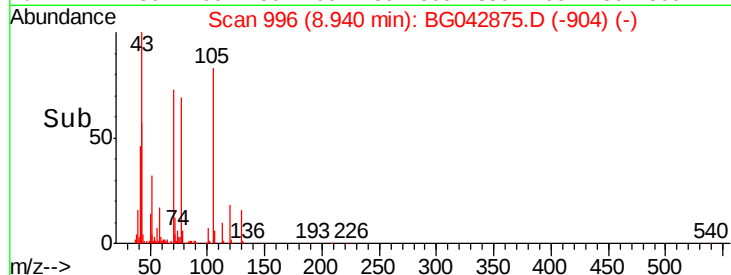
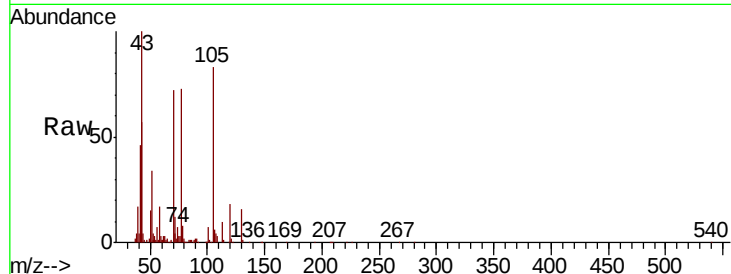
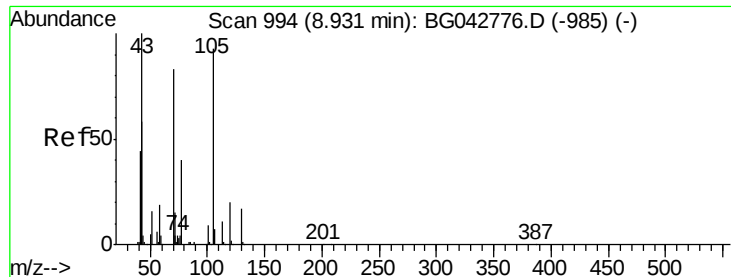
Abundance

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





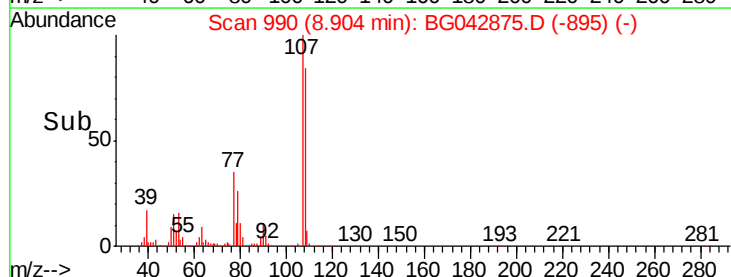
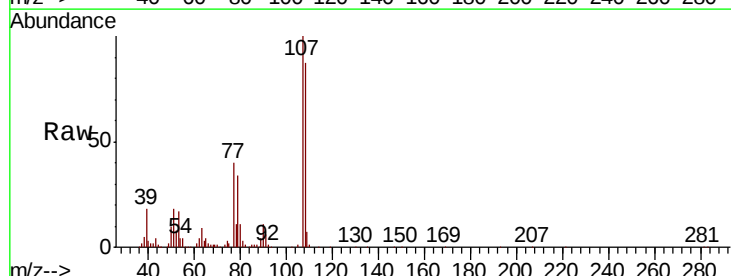
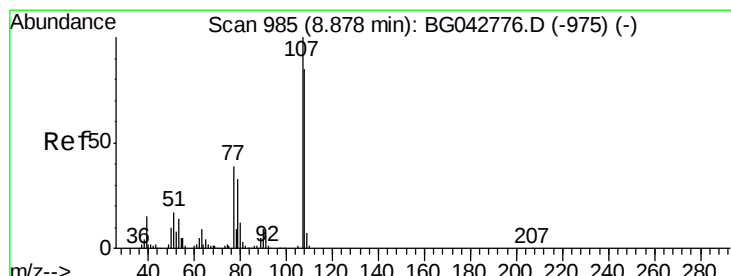
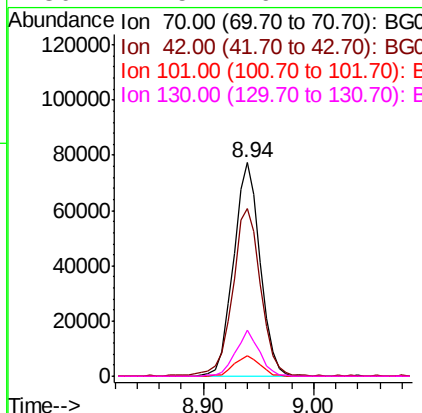
#19
n-Nitroso-di-n-propylamine
Concen: 36.385 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	78.6	57.0	85.6
101	9.7	8.4	12.6
130	21.5	16.1	24.1

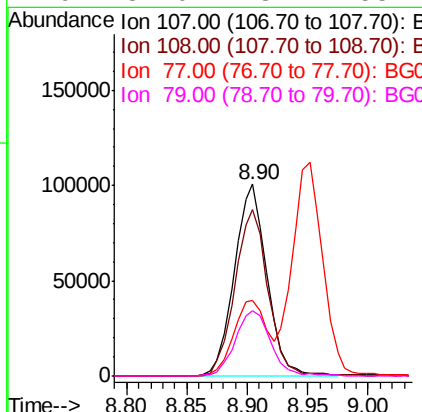
Manual Integrations
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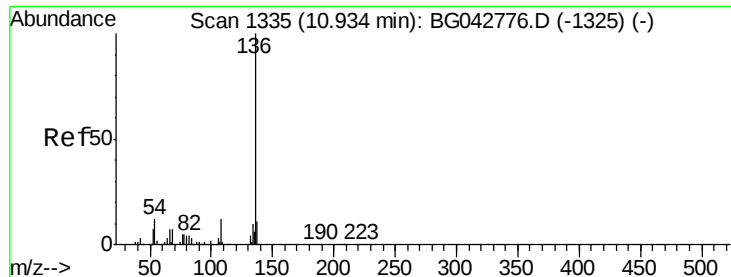
mohammad
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#20
3+4-Methylphenols
Concen: 40.900 ng
RT: 8.90 min Scan# 990
Delta R.T. 0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	65.4	105.4
77	39.7	18.7	58.7
79	34.0	13.7	53.7





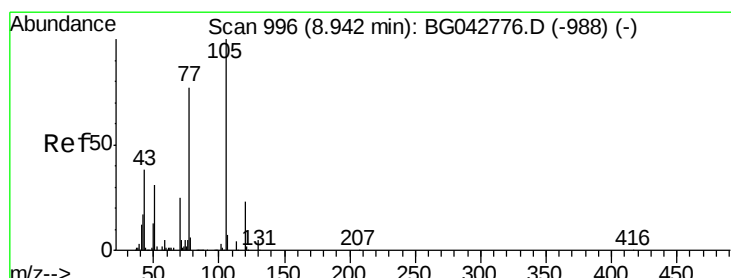
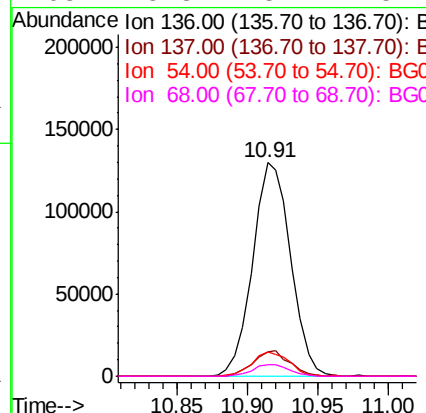
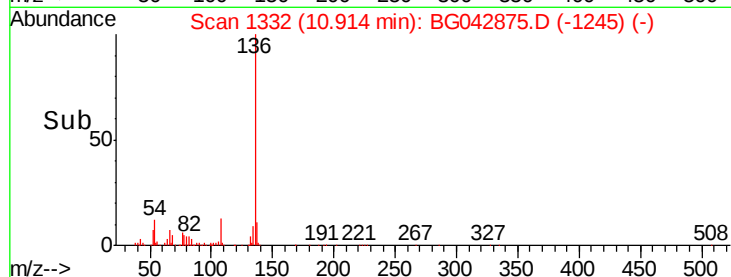
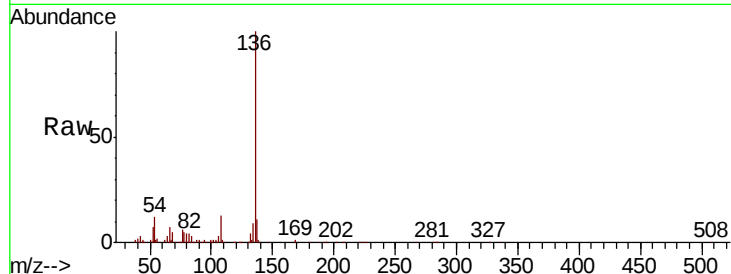
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	244713		
137	11.4	9.0	13.6	
54	11.7	9.4	14.0	
68	5.3	5.4	8.2#	

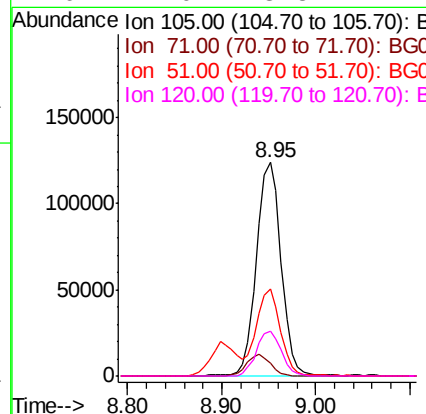
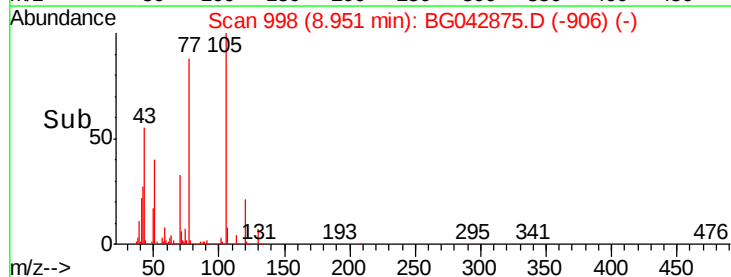
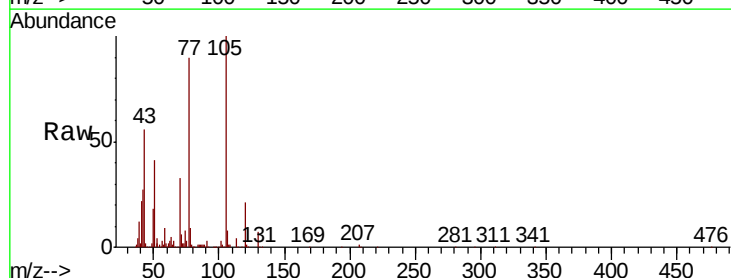
Manual Integrations
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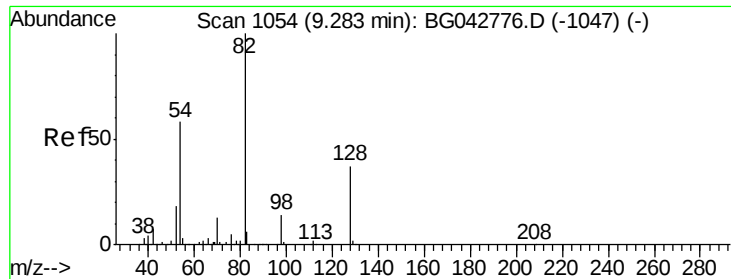
mohammad
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#22
Acetophenone
Concen: 36.745 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227095		
71	6.0	3.7	5.5#	
51	40.7	28.8	43.2	
120	21.0	18.5	27.7	





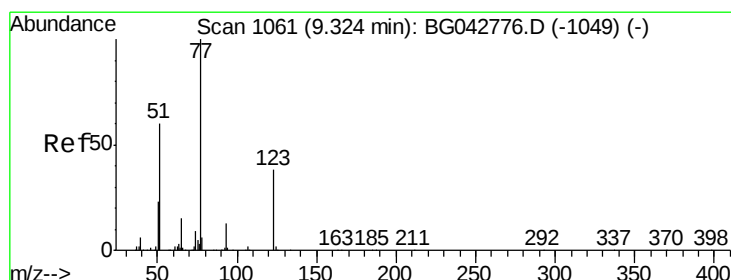
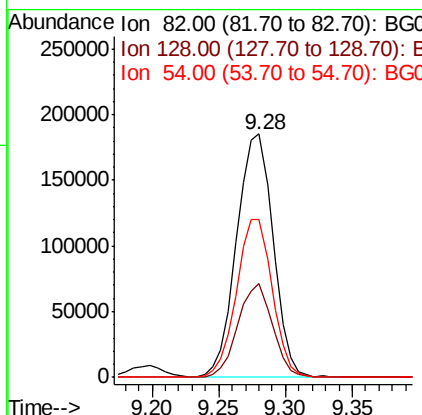
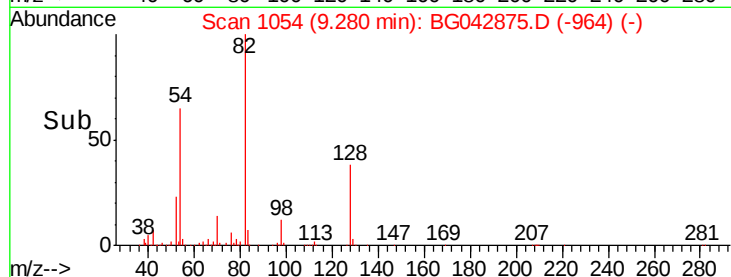
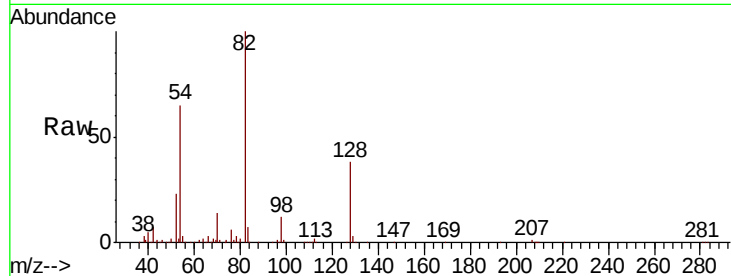
#23
Nitrobenzene-d5
Concen: 74.493 ng
RT: 9.28 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.8	44.8
54	64.8	46.1	69.1

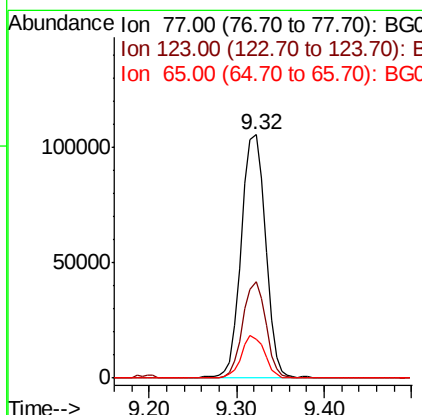
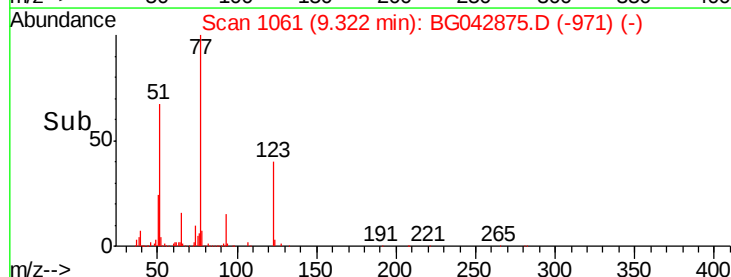
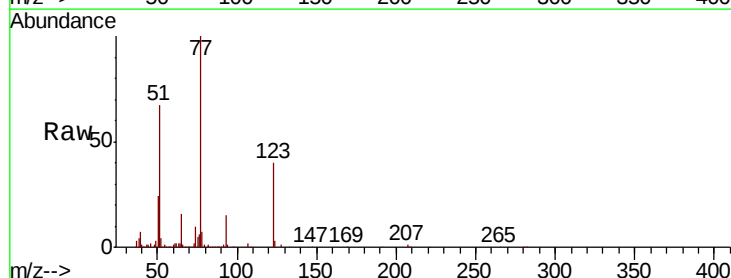
Manual Integrations
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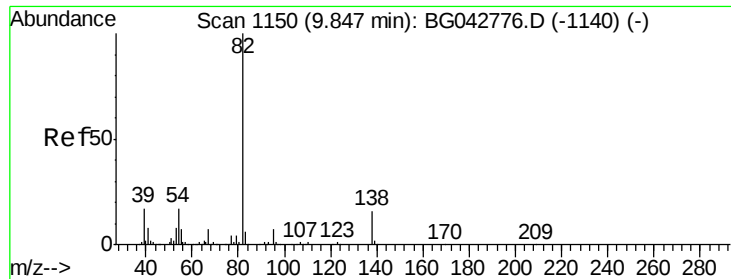
mohammad
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#24
Nitrobenzene
Concen: 40.146 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	30.7	46.1
65	16.0	12.2	18.4





#25

Isophorone

Concen: 36.826 ng

RT: 9.88 min Scan# 1156

Delta R.T. 0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

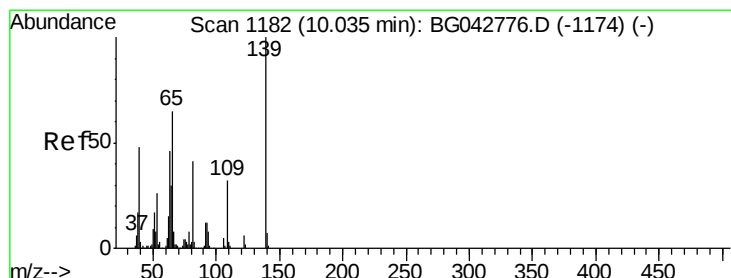
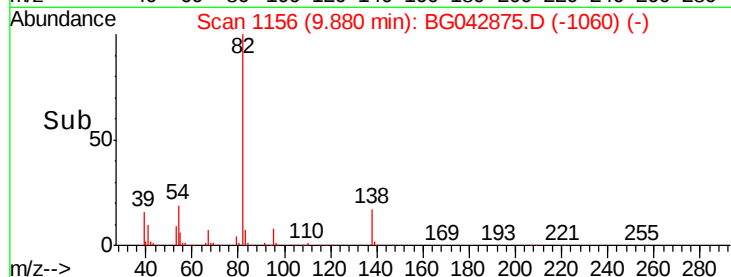
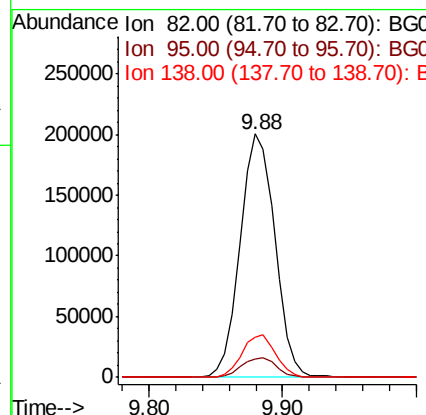
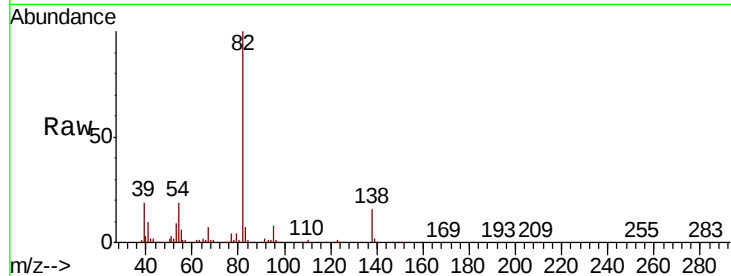
ClientSampled :

SB-12MS

Tot Ion:	82	Resp:	360805
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.8	8.8
138	16.4	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.918 ng

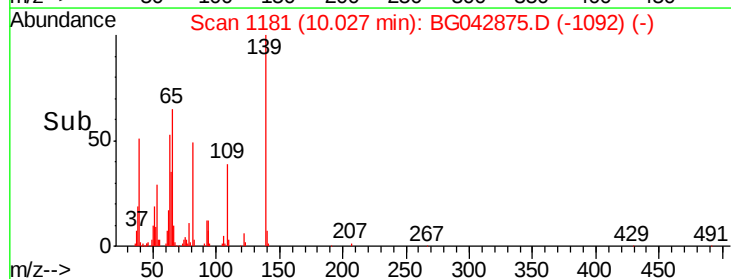
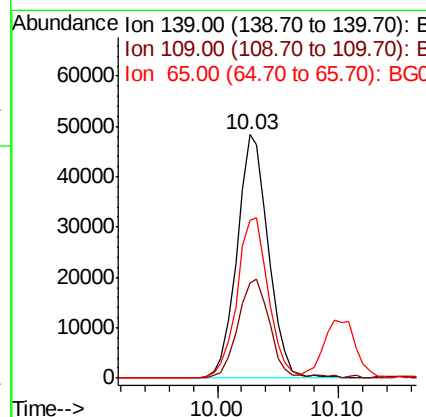
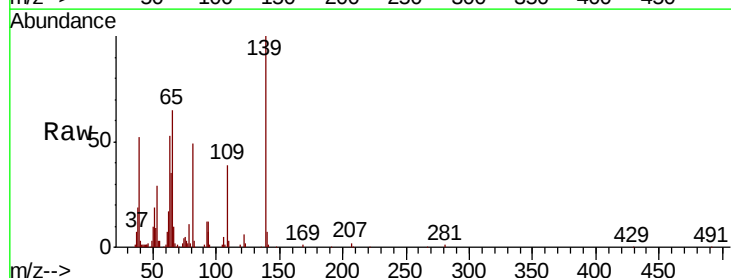
RT: 10.03 min Scan# 1181

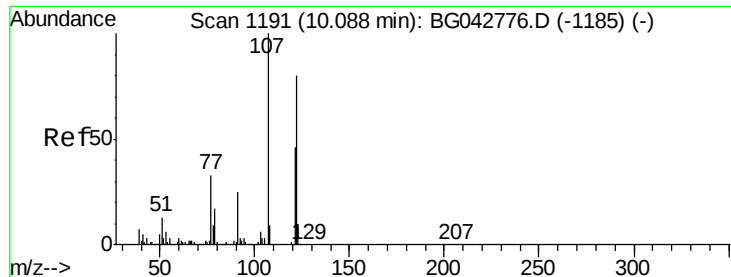
Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	139	Resp:	87144
Ion Ratio	Lower	Upper	
139	100		
109	38.8	25.8	38.8#
65	64.6	52.2	78.2





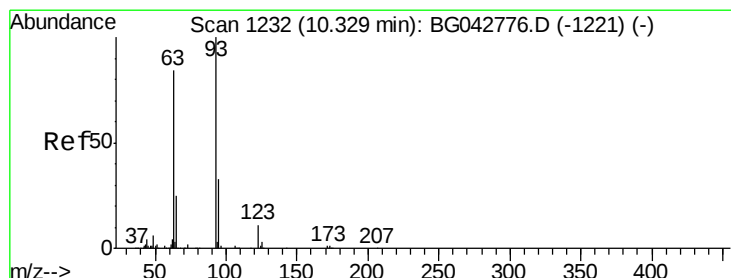
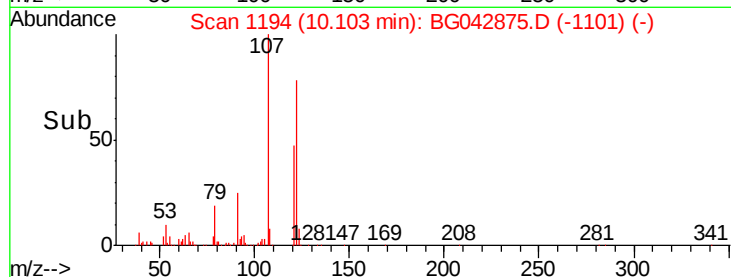
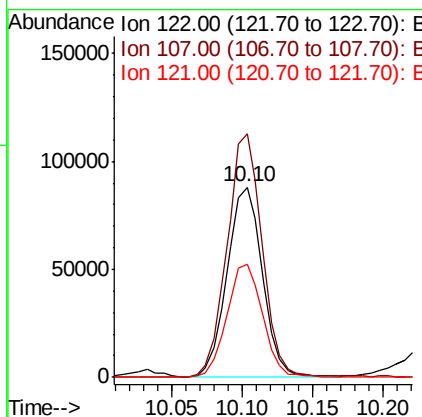
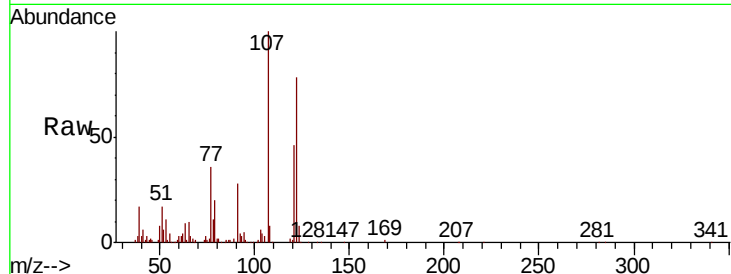
#27
 2,4-Dimethylphenol
 Concen: 44.383 ng
 RT: 10.10 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	152314		
107	128.0	98.9	148.3	
121	59.5	46.2	69.2	

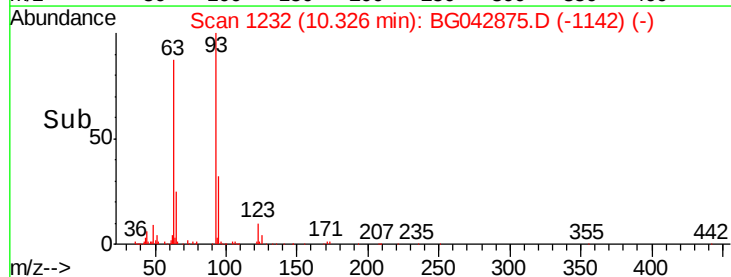
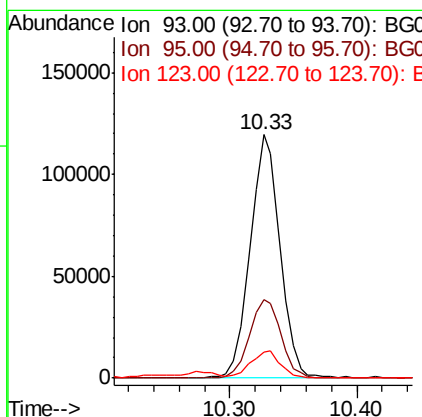
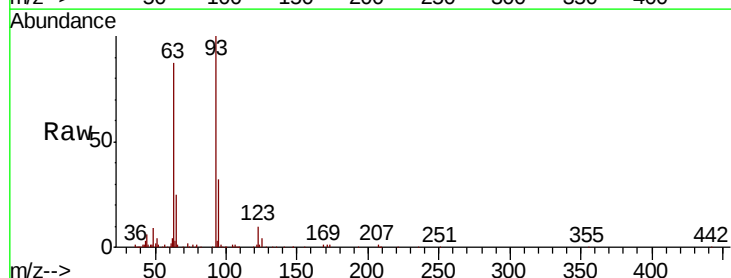
Manual Integrations
 APPROVED

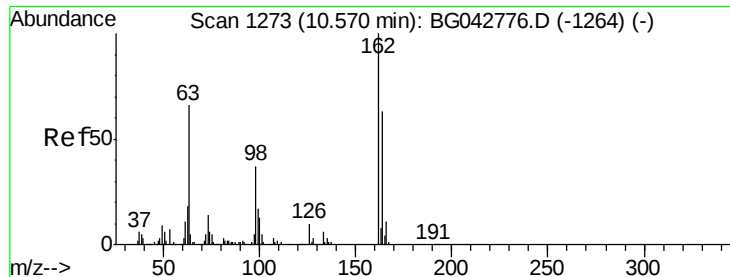
mohammad
 9/18/2019 2:18:39 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.630 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	194674		
95	32.5	26.6	40.0	
123	10.5	9.0	13.6	





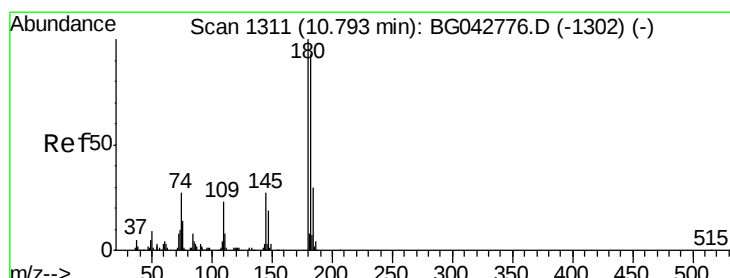
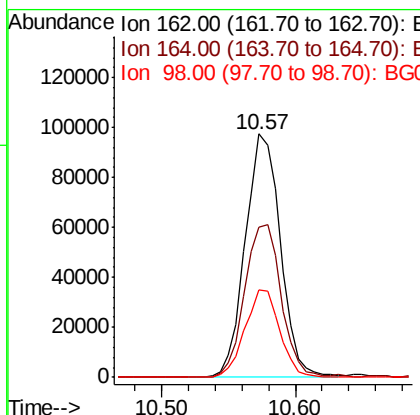
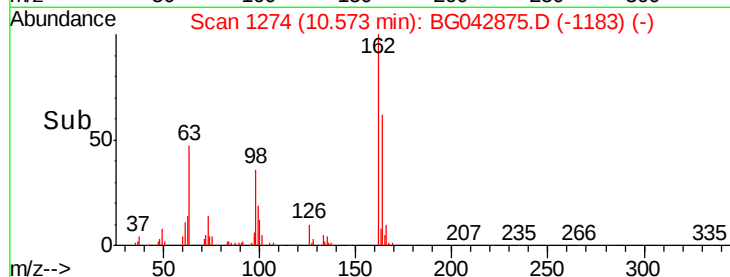
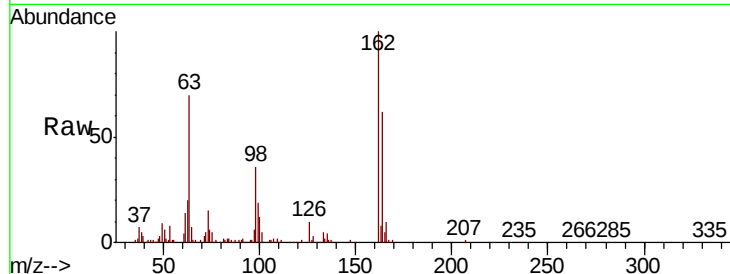
#29
2,4-Dichlorophenol
Concen: 44.303 ng
RT: 10.57 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	176682		
164	61.9	43.4	83.4	
98	35.8	17.0	57.0	

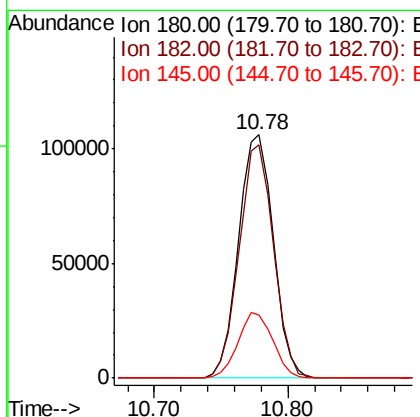
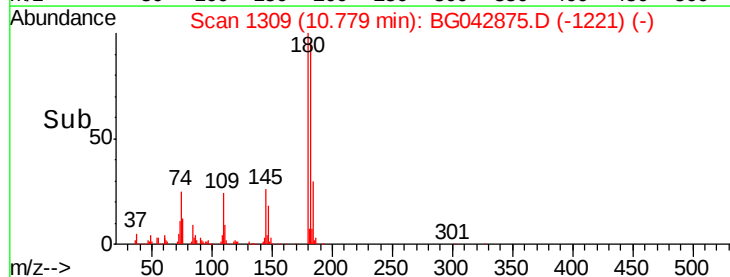
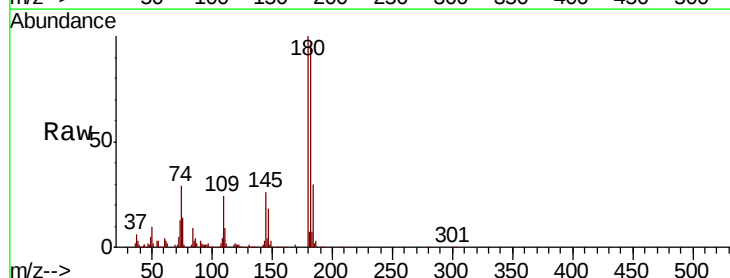
Manual Integrations
APPROVED

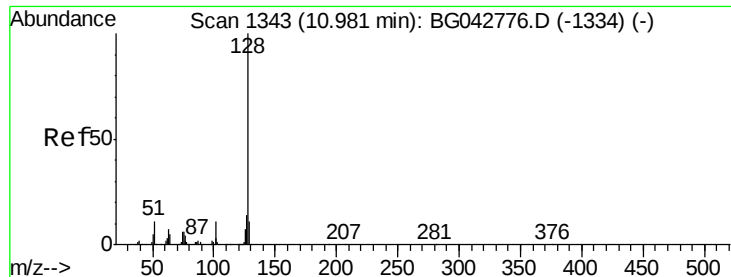
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.246 ng
RT: 10.78 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	191091		
182	95.7	74.6	112.0	
145	26.0	21.8	32.6	





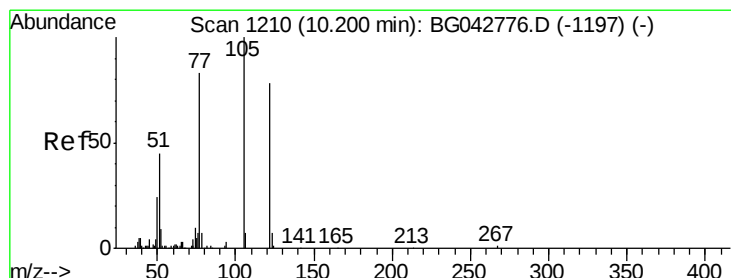
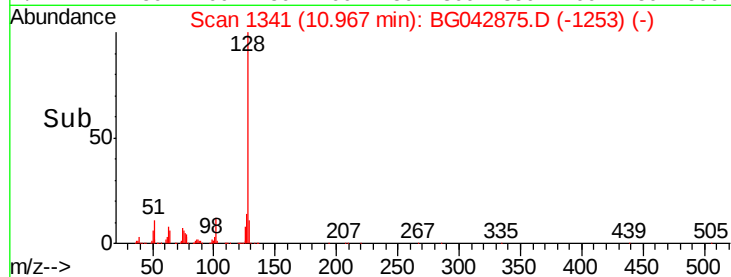
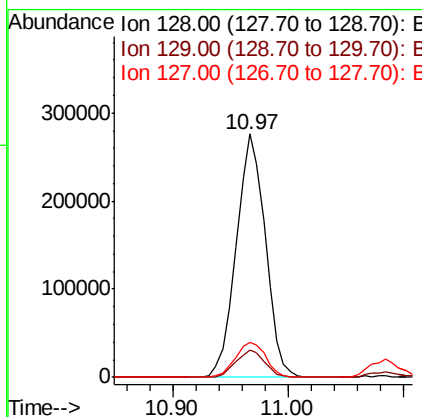
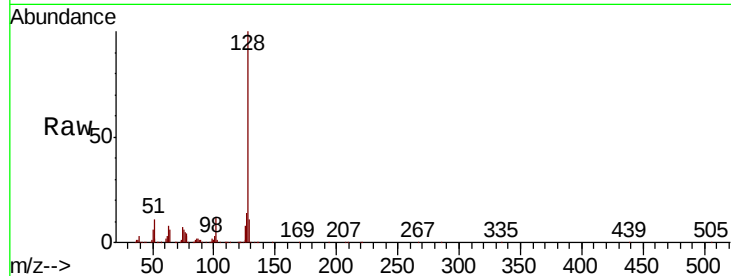
#31
Naphthalene
Concen: 39.872 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion:128	Resp:	481749
Ion Ratio	Lower	Upper
128	100	
129	11.3	9.0 13.6
127	14.2	11.4 17.2

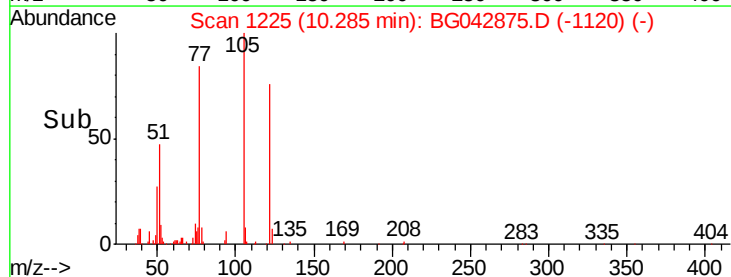
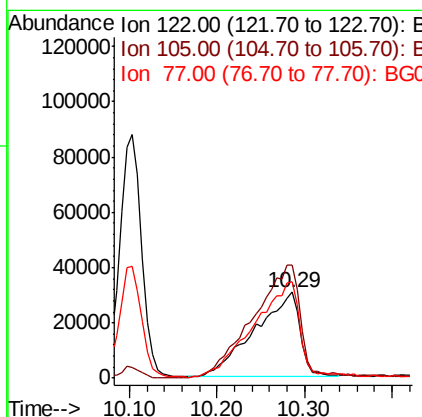
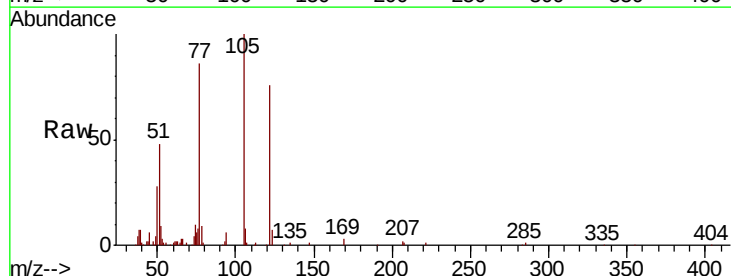
Manual Integrations
APPROVED

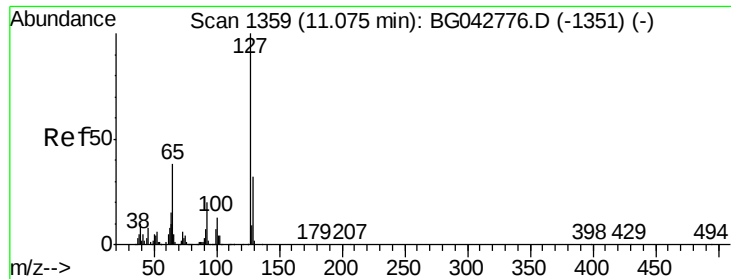
mohammad
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#32
Benzoic acid
Concen: 40.393 ng
RT: 10.29 min Scan# 1225
Delta R.T. 0.09 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:122	Resp:	109126
Ion Ratio	Lower	Upper
122	100	
105	131.0	104.0 144.0
77	112.4	84.2 124.2





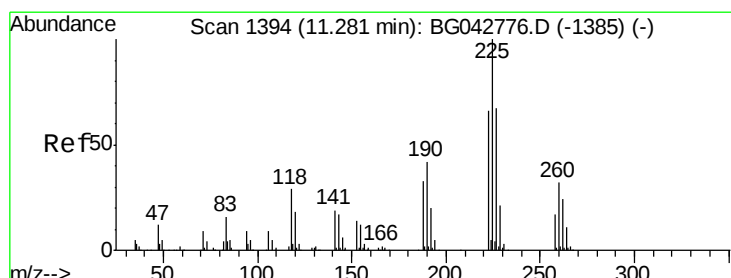
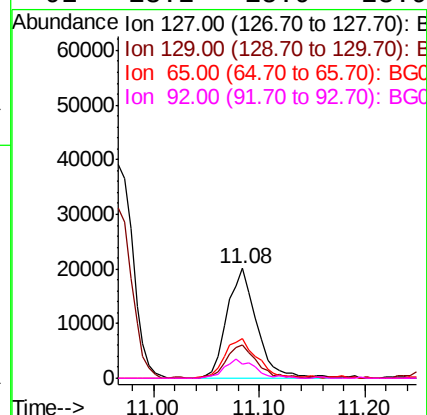
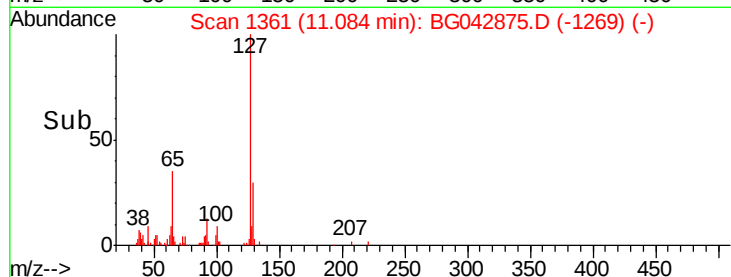
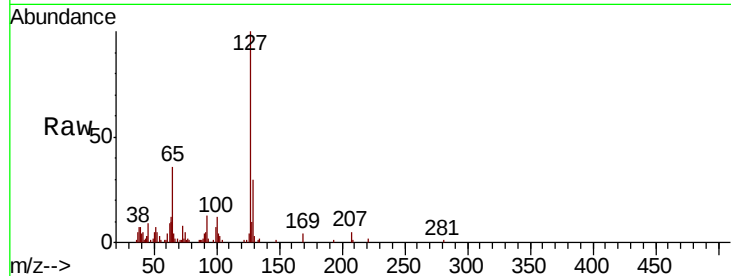
#33
4-Chloroaniline
Concen: 6.997 ng
RT: 11.08 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.0	25.8	38.6		
65	36.0	30.5	45.7		
92	13.2	15.9	23.9		

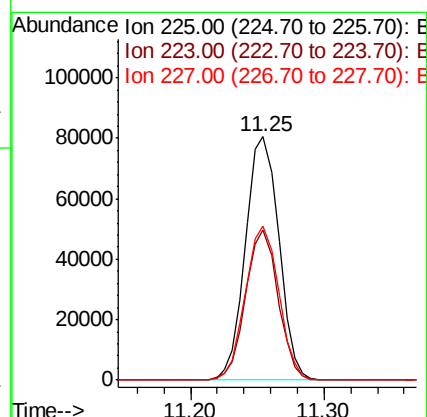
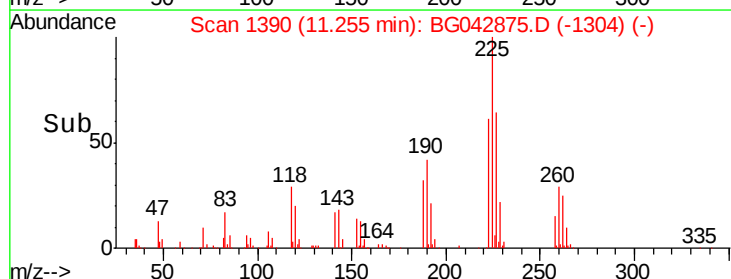
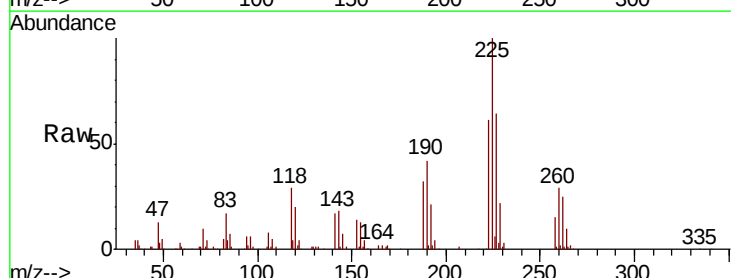
Manual Integrations
APPROVED

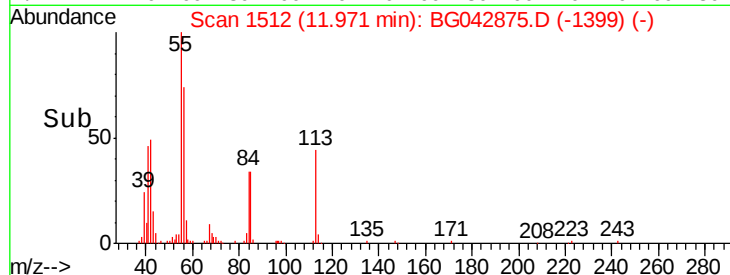
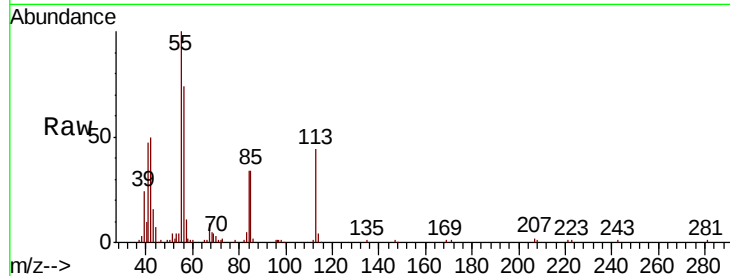
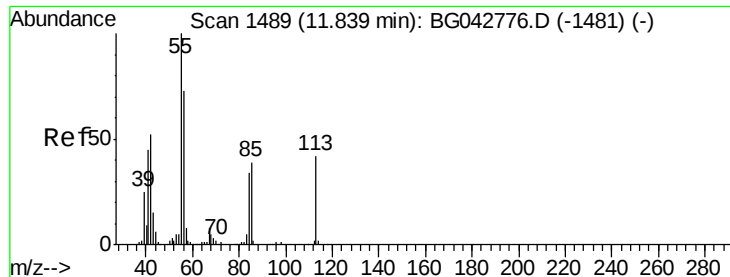
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#34
Hexachlorobutadiene
Concen: 40.803 ng
RT: 11.25 min Scan# 1390
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	52.6	79.0		
227	63.5	53.6	80.4		





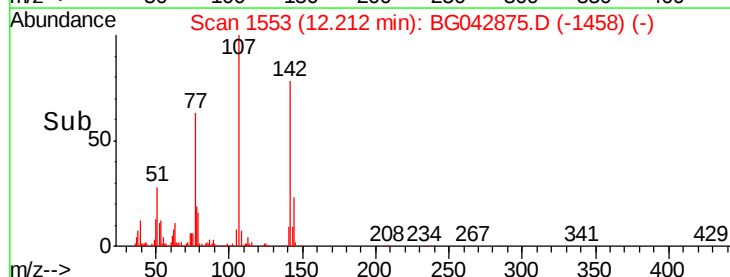
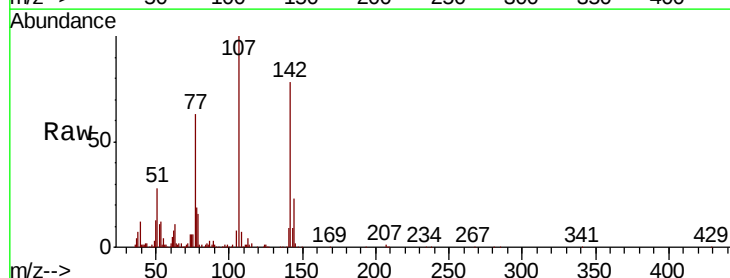
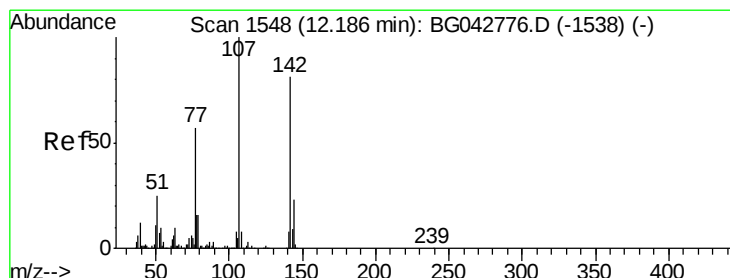
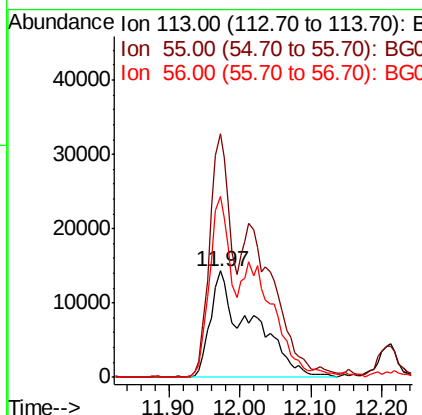
#35
Caprolactam
Concen: 39.174 ng/ml
RT: 11.97 min Scan# 1512
Delta R.T. 0.13 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	229.3	218.4	258.4
56	170.2	154.8	194.8

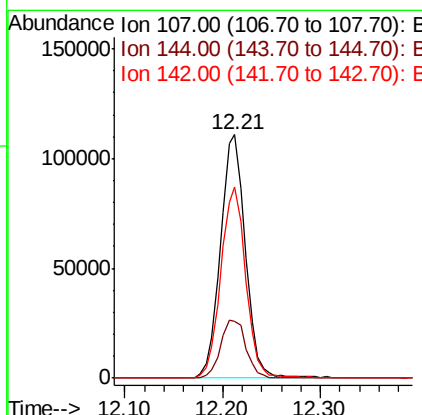
Manual Integrations
APPROVED

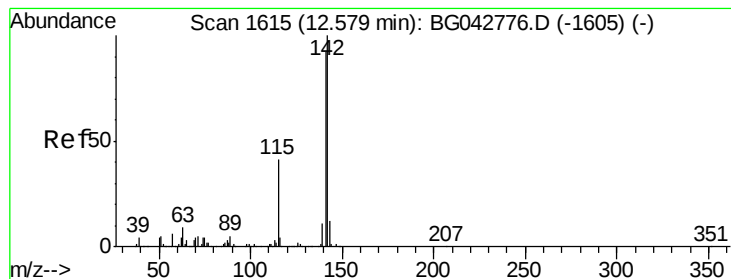
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#36
4-Chloro-3-methylphenol
Concen: 45.237 ng/ml
RT: 12.21 min Scan# 1553
Delta R.T. 0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	18.7	28.1
142	78.3	65.0	97.4





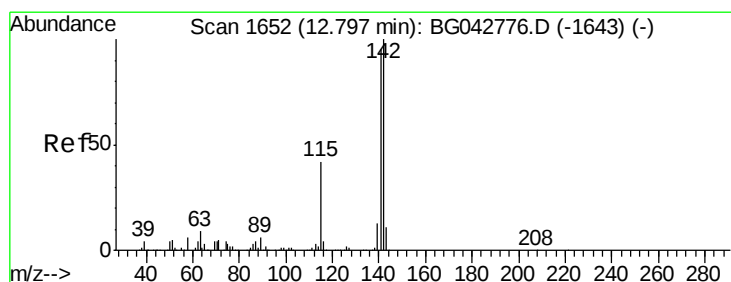
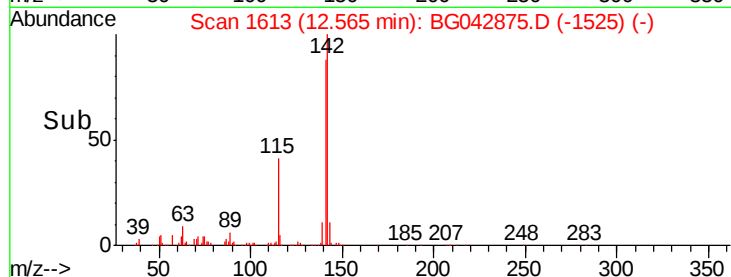
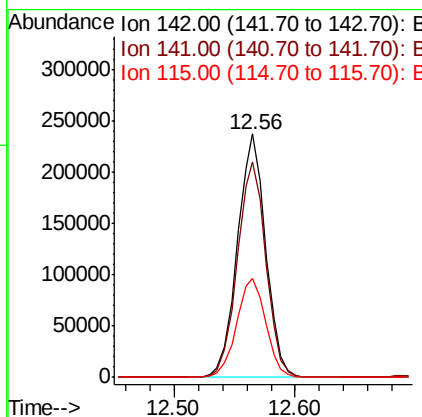
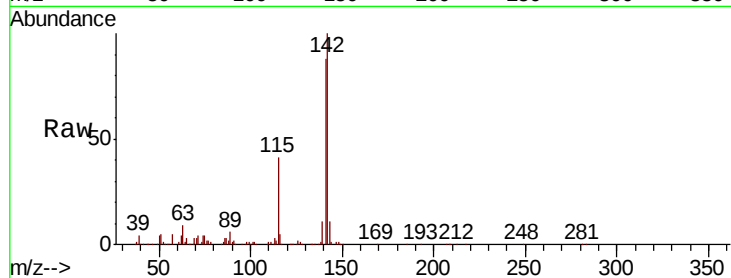
#37
2-Methylnaphthalene
Concen: 42.541 ng
RT: 12.56 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	73.8	110.8
115	40.8	33.0	49.4

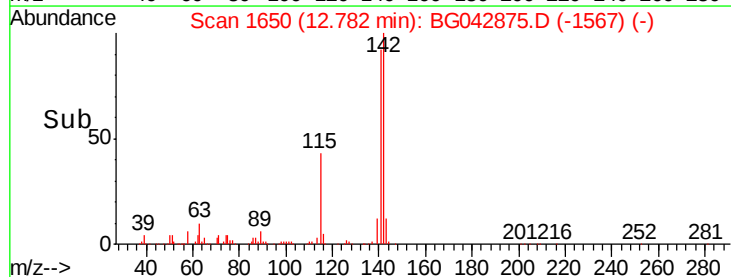
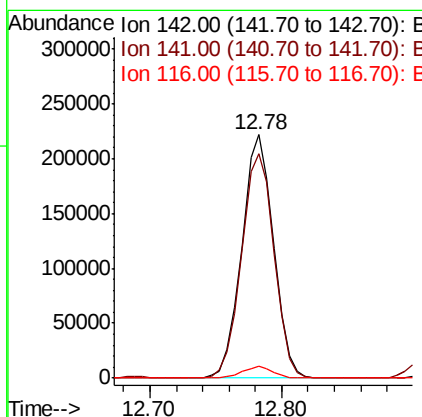
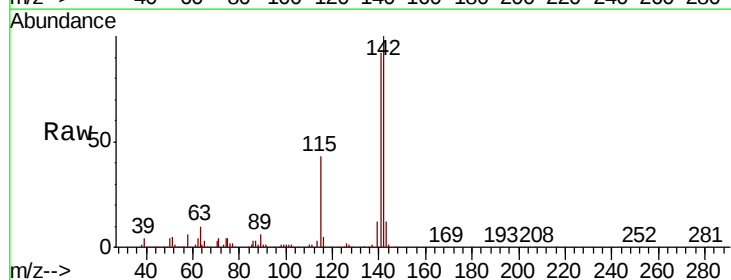
Manual Integrations
APPROVED

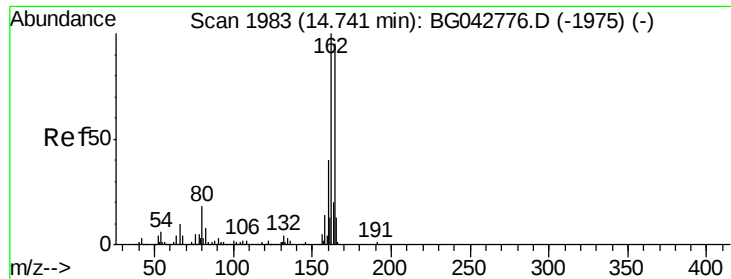
mohammad
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#38
1-Methylnaphthalene
Concen: 42.897 ng m
RT: 12.78 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	76.3	114.5
116	5.1	3.4	5.0#





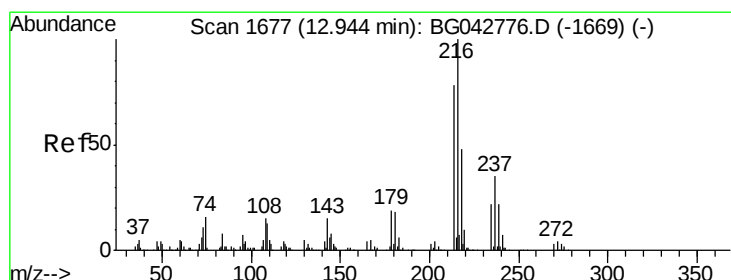
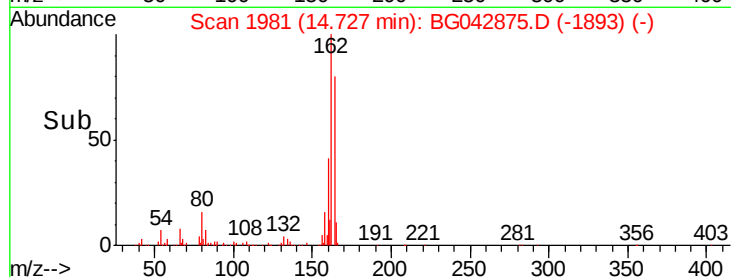
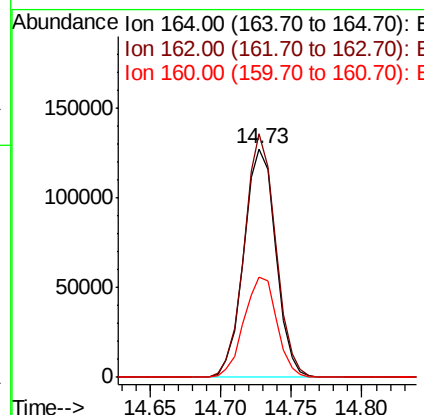
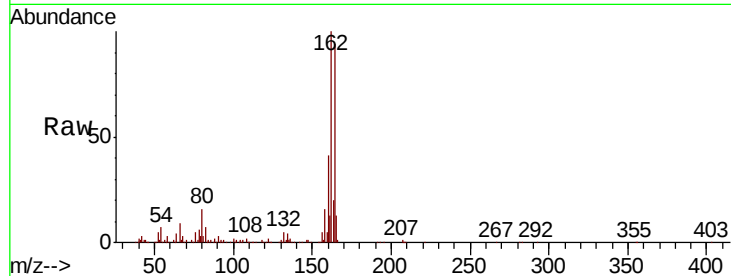
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	201274		
162	106.6	84.6	126.8	
160	44.2	34.2	51.2	

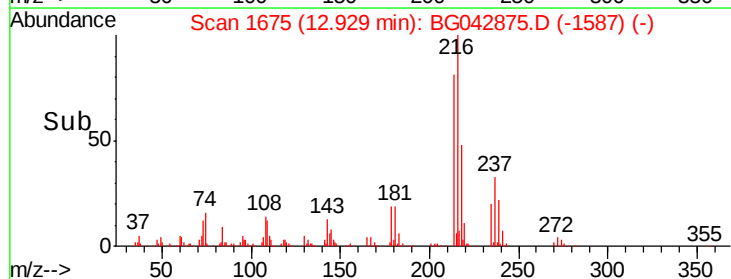
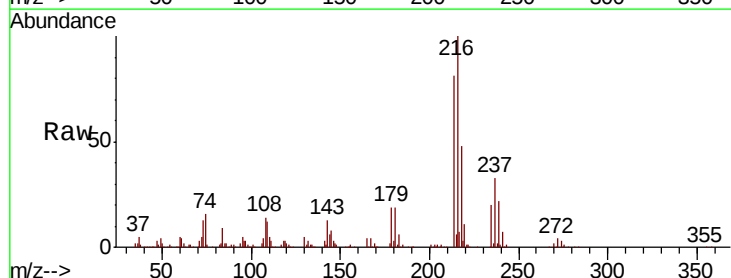
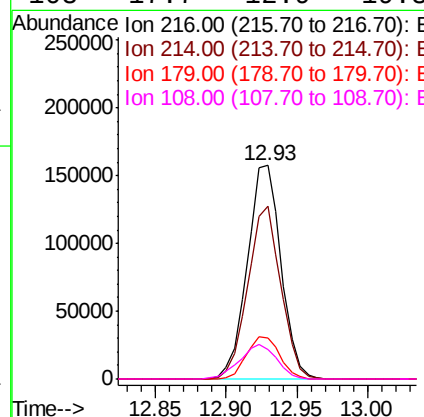
Manual Integrations
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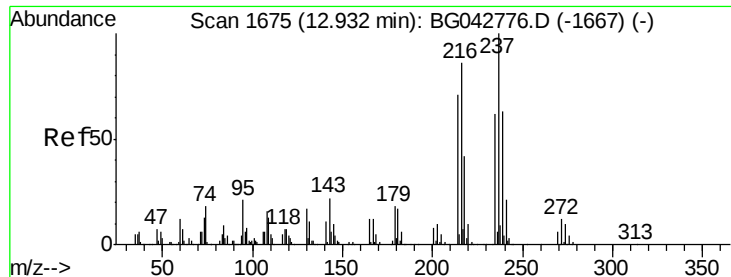
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.696 ng
RT: 12.93 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	264017		
214	78.9	62.8	94.2	
179	19.5	15.3	22.9	
108	17.7	12.9	19.3	





#41

Hexachlorocyclopentadiene

Concen: 93.934 ng

RT: 12.91 min Scan# 1672

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

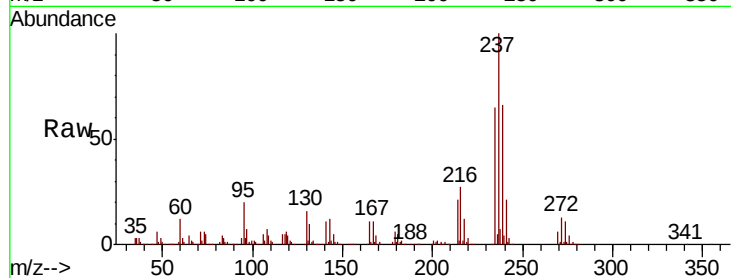
ClientSampleId :

SB-12MS

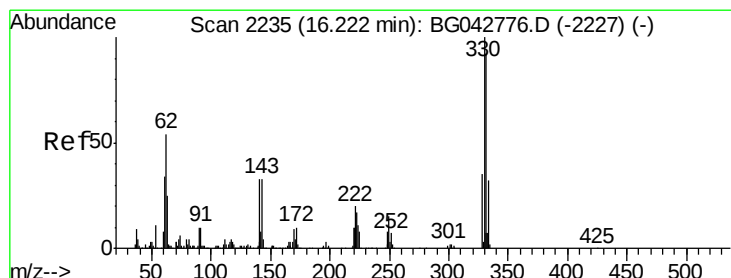
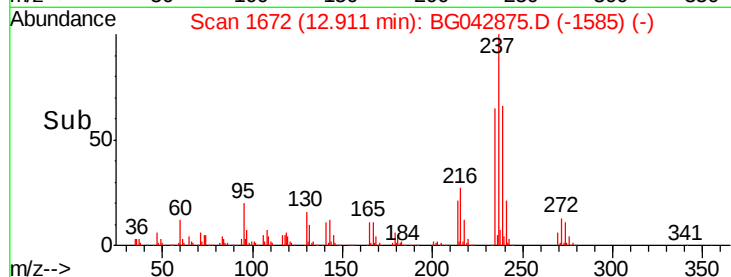
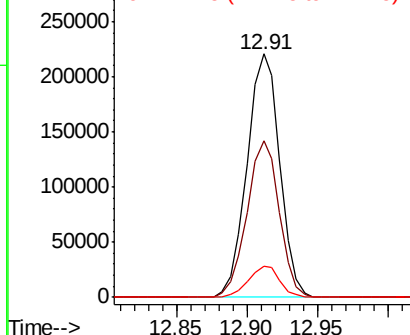
Tot Ion:	237	Resp:	357907
Ion Ratio	Lower	Upper	
237	100		
235	64.5	41.9	81.9
272	12.7	0.0	31.6

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: 121.500 ng

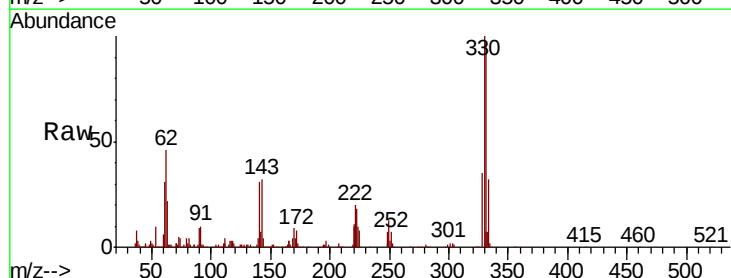
RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

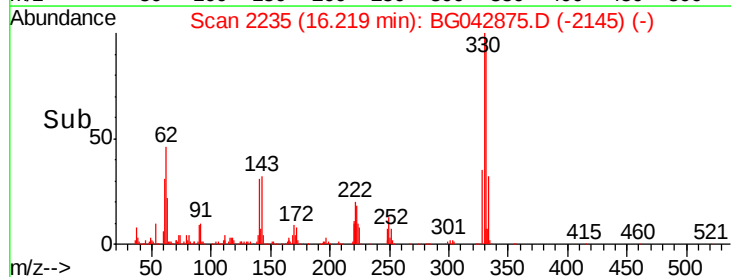
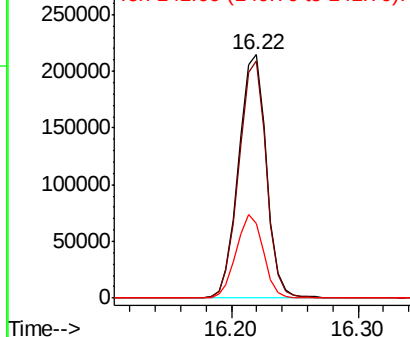
Lab File: BG042875.D

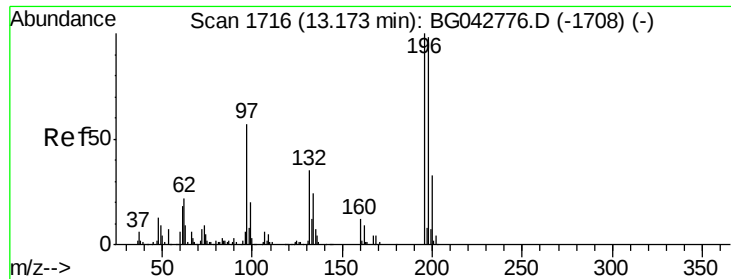
Acq: 17 Sep 2019 20:02

Tgt Ion:	330	Resp:	325353
Ion Ratio	Lower	Upper	
330	100		
332	96.5	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





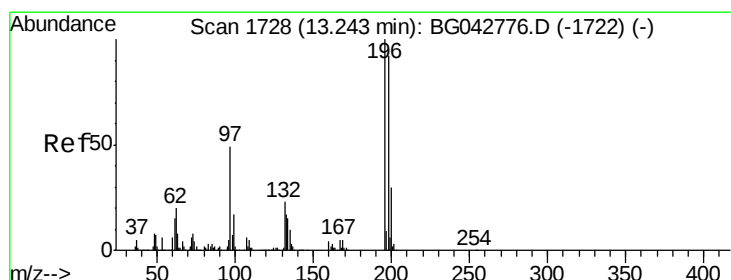
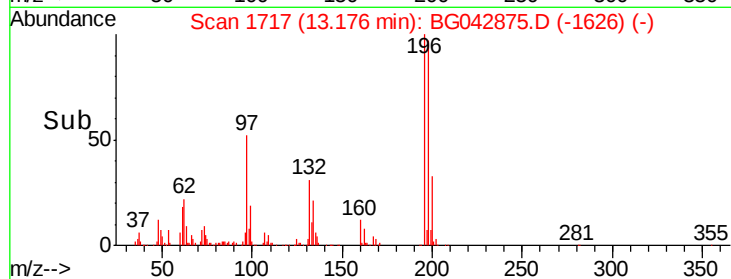
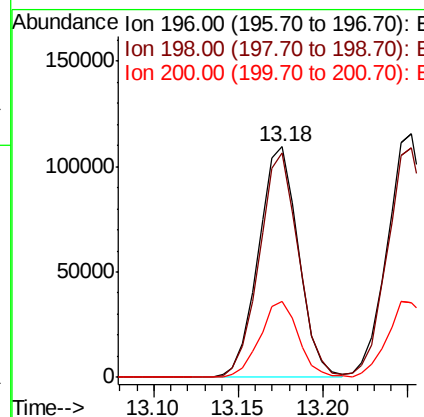
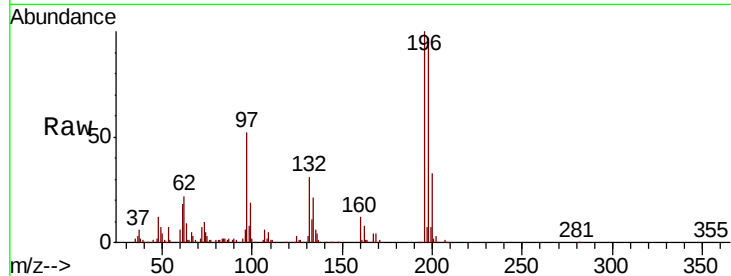
#43
 2,4,6-Trichlorophenol
 Concen: 40.731 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	180354		
198	97.5	78.8	118.2	
200	32.8	26.2	39.4	

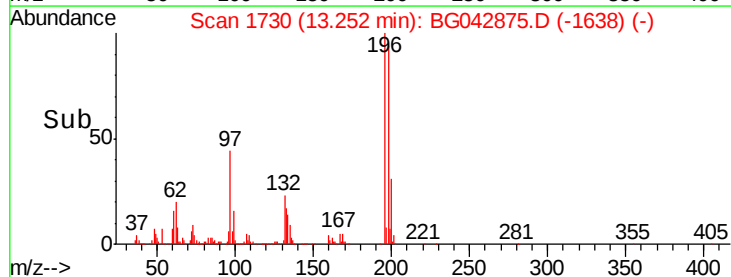
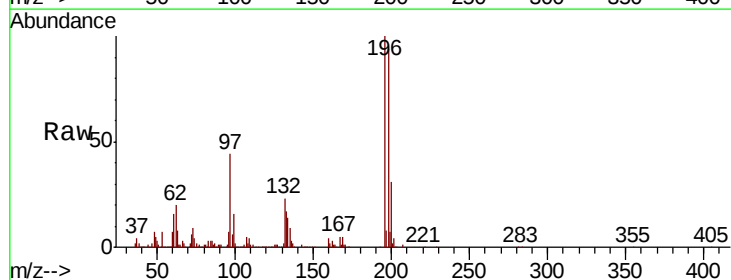
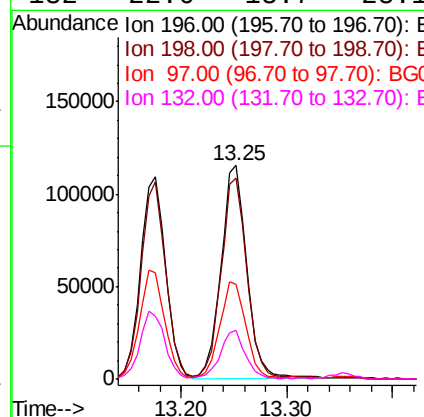
Manual Integrations
 APPROVED

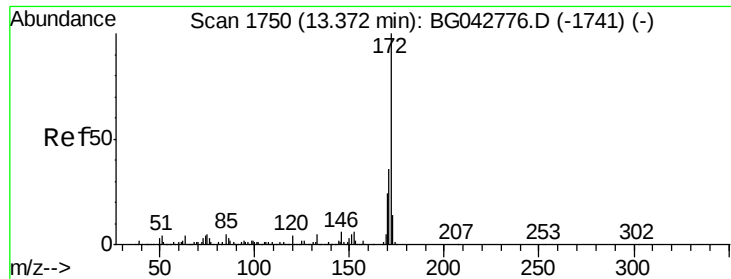
mohammad
 9/18/2019 2:18:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.394 ng
 RT: 13.25 min Scan# 1730
 Delta R.T. 0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	196811		
198	94.3	73.4	110.0	
97	44.2	39.2	58.8	
132	22.6	18.7	28.1	





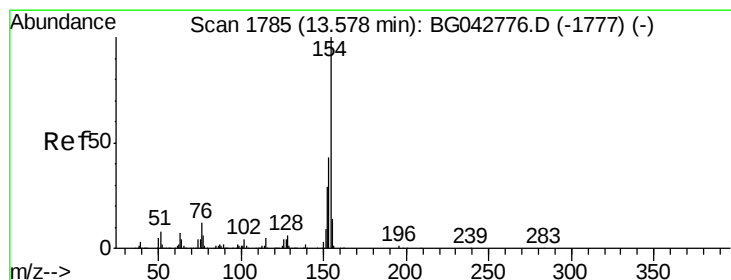
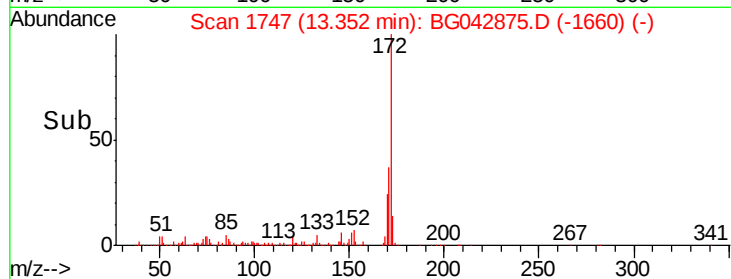
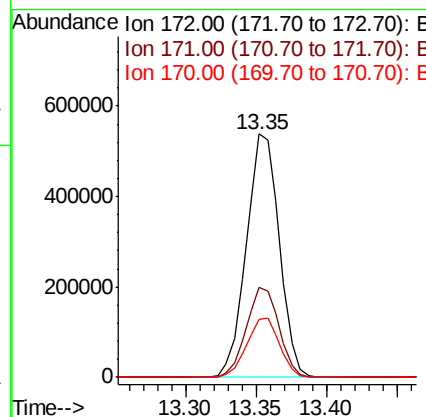
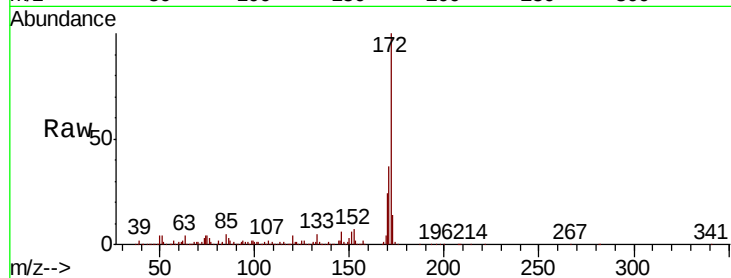
#45
2-Fluorobiphenyl
Concen: 69.222 ng
RT: 13.35 min Scan# 1747
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion:	172	Resp:	880175
Ion Ratio	Lower	Upper	
172	100		
171	37.2	28.9	43.3
170	23.7	19.1	28.7

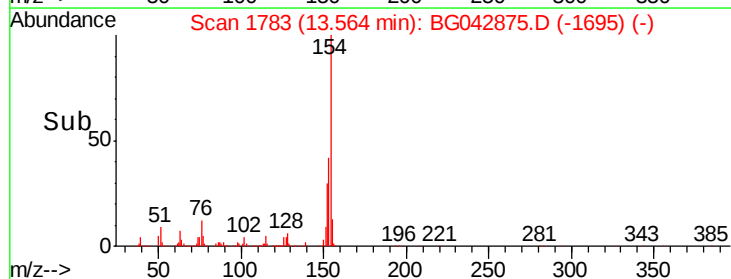
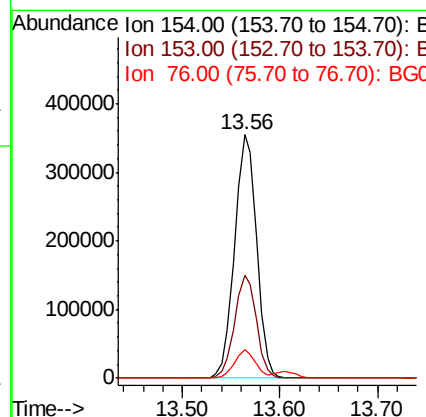
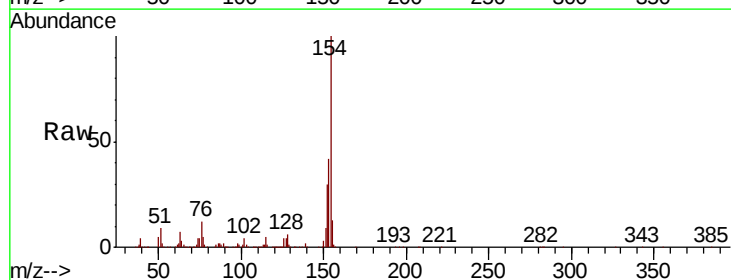
Manual Integrations
APPROVED

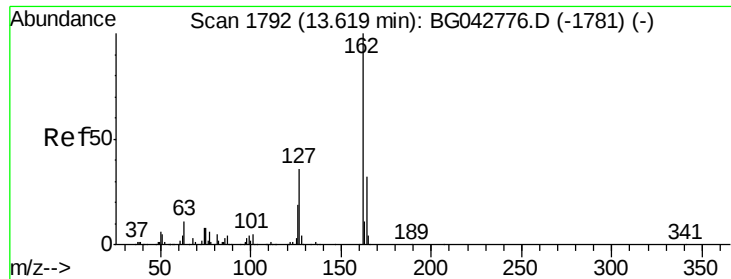
mohammad
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#46
1,1'-Biphenyl
Concen: 39.373 ng
RT: 13.56 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion:	154	Resp:	554775
Ion Ratio	Lower	Upper	
154	100		
153	42.5	22.6	62.6
76	11.8	0.0	32.2





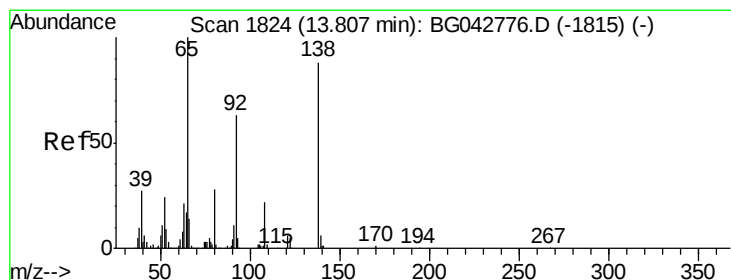
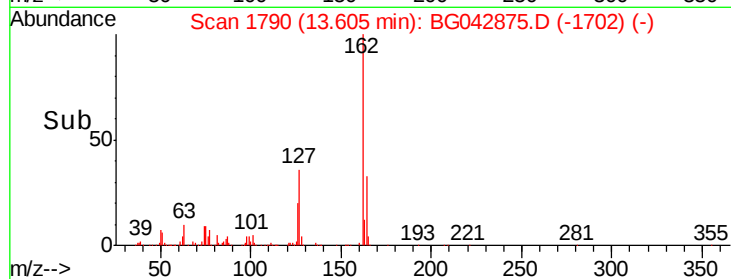
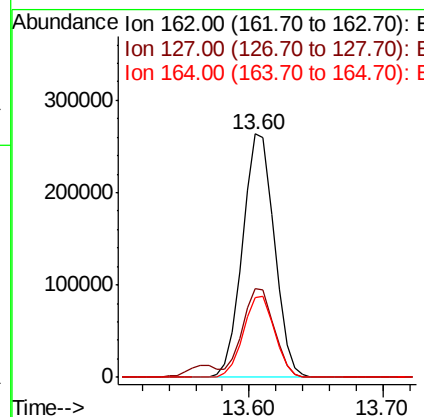
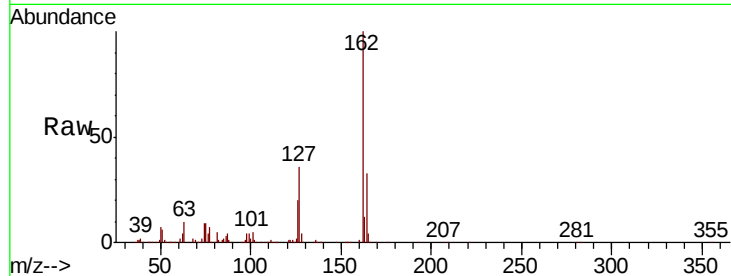
#47
 2-Chloronaphthalene
 Concen: 37.174 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.4	29.3	43.9	
164	32.7	26.0	39.0	

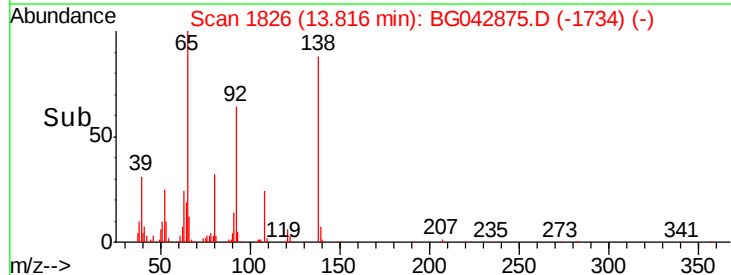
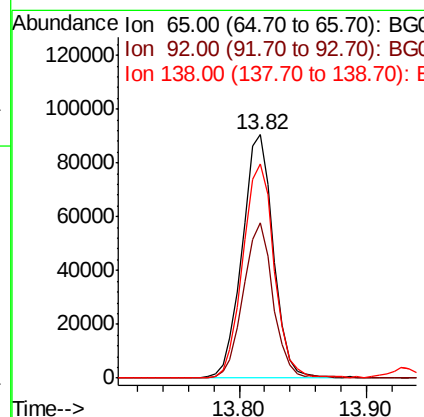
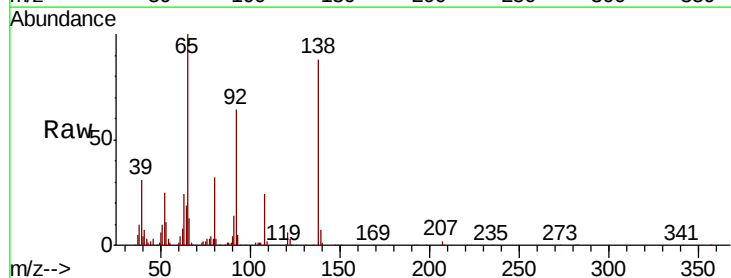
Manual Integrations
 APPROVED

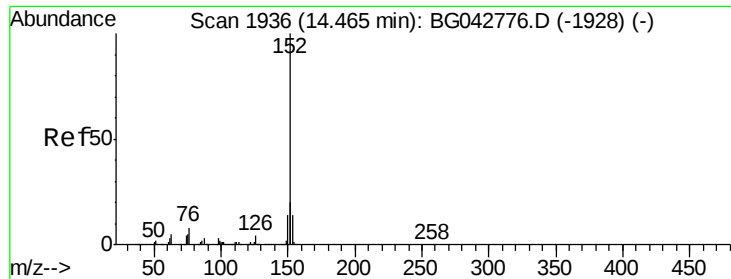
mohammad
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#48
 2-Nitroaniline
 Concen: 38.171 ng
 RT: 13.82 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	63.8	50.4	75.6	
138	87.9	70.6	106.0	





#49

Acenaphthylene

Concen: 39.961 ng

RT: 14.45 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

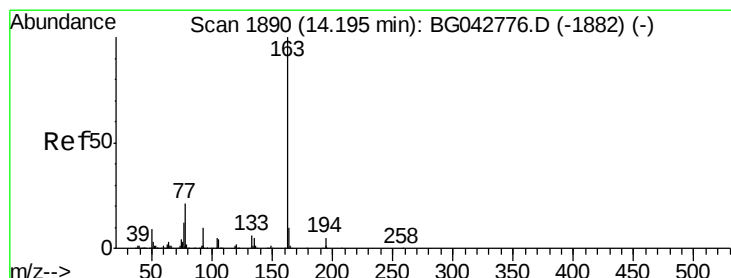
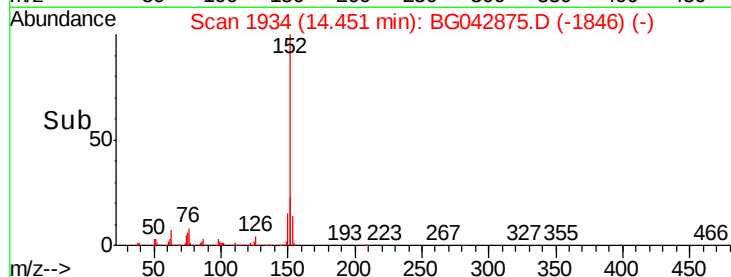
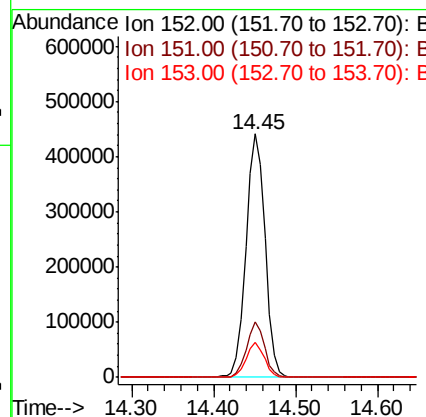
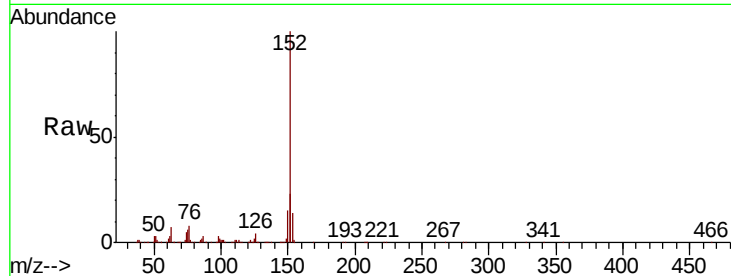
ClientSampled :

SB-12MS

Tot Ion:	152	Resp:	711790
Ion Ratio	Lower	Upper	
152	100		
151	22.7	16.0	24.0
153	14.3	11.4	17.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.047 ng

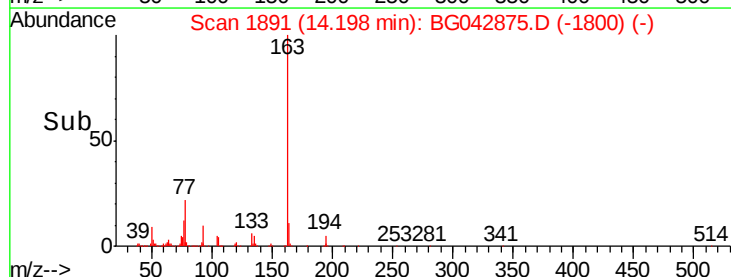
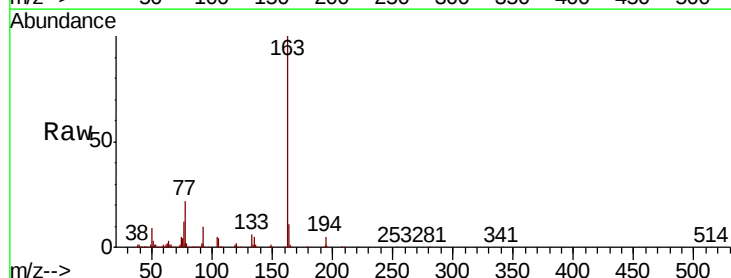
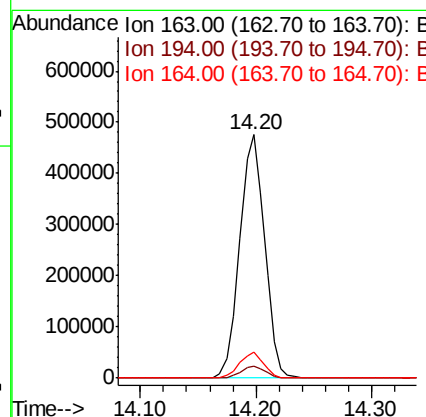
RT: 14.20 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	163	Resp:	709364
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.2	6.4
164	10.7	8.4	12.6





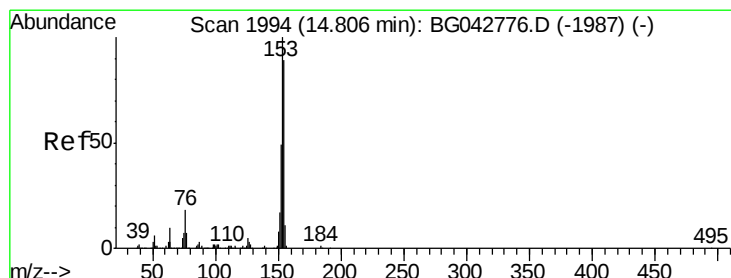
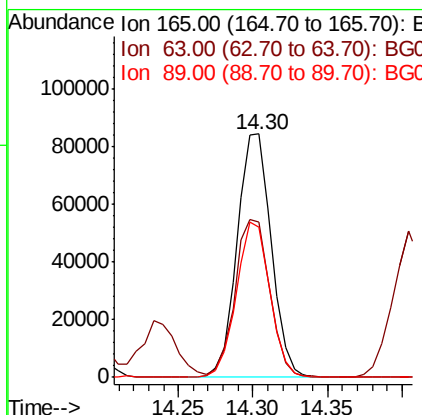
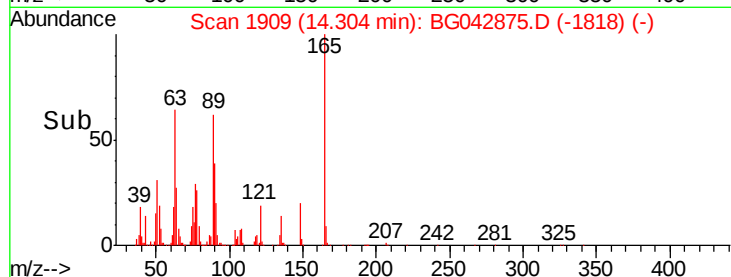
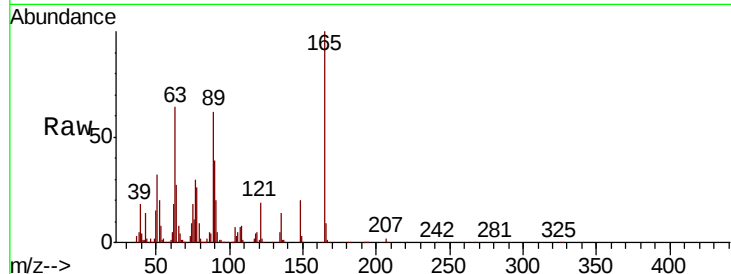
#51
2,6-Dinitrotoluene
Concen: 43.088 ng
RT: 14.30 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.0	52.1	78.1
89	61.9	51.7	77.5

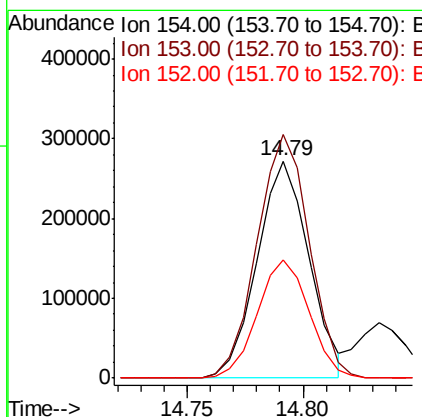
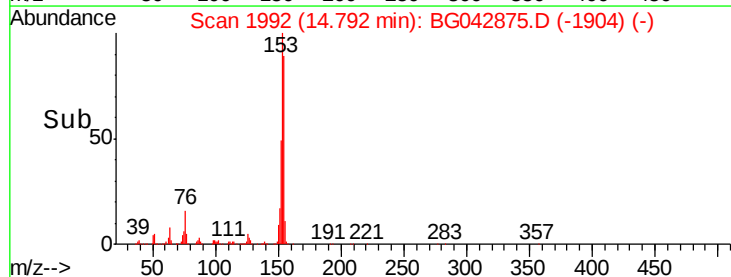
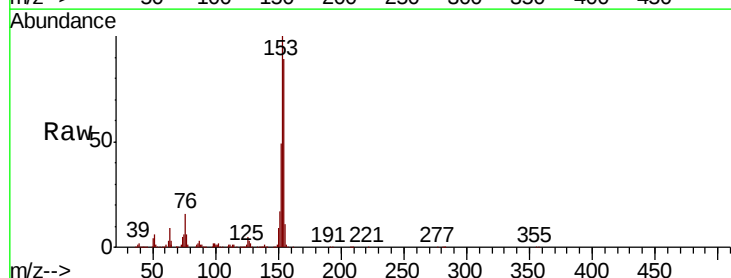
Manual Integrations
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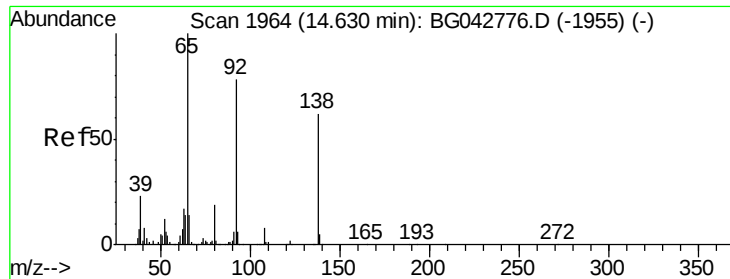
mohammad
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#52
Acenaphthene
Concen: 36.328 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.4	134.2
152	54.8	43.5	65.3





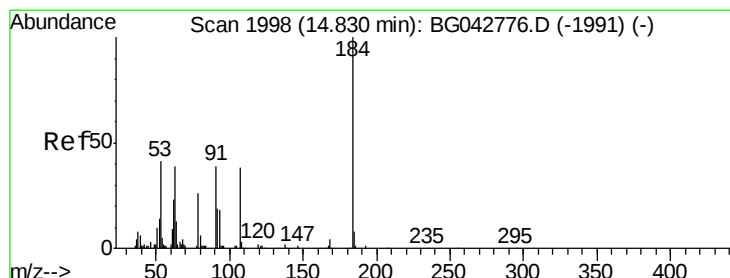
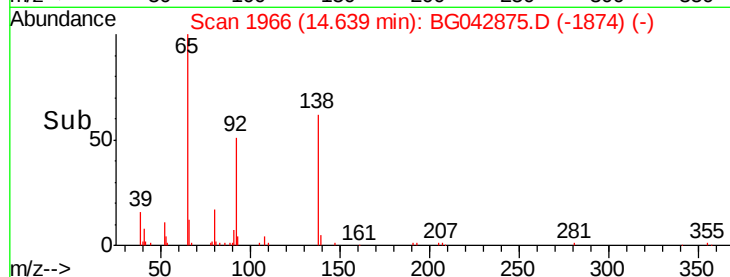
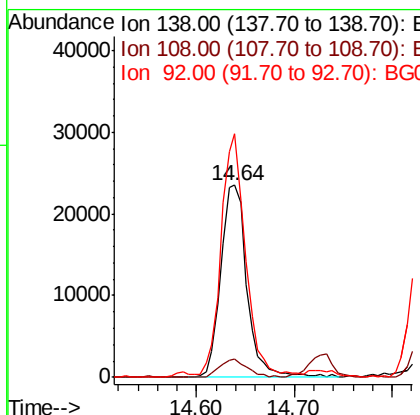
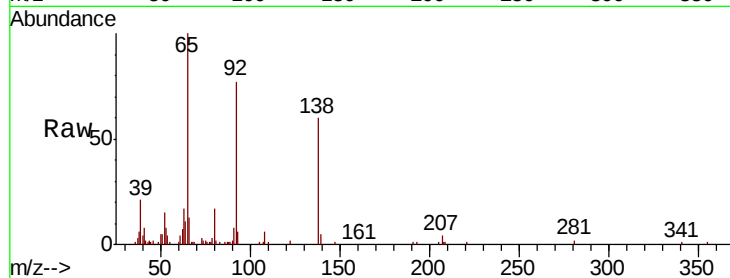
#53
3-Nitroaniline
Concen: 12.586 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	10.7	16.1#
92	126.8	100.5	150.7

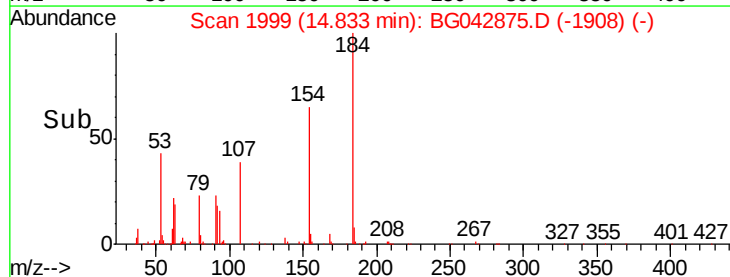
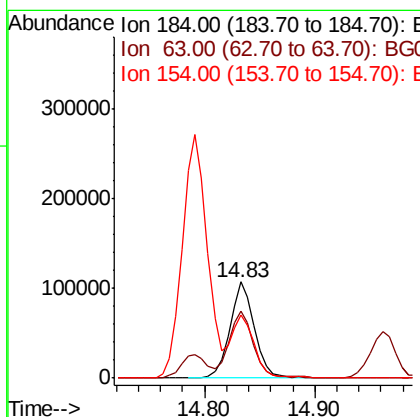
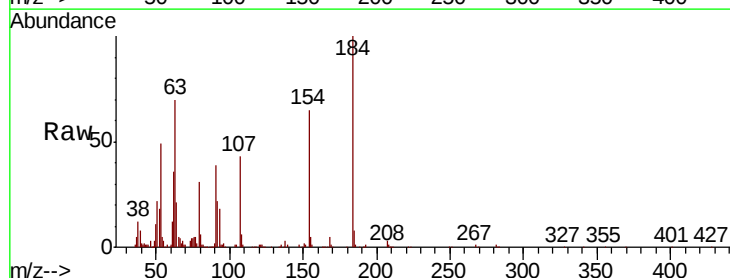
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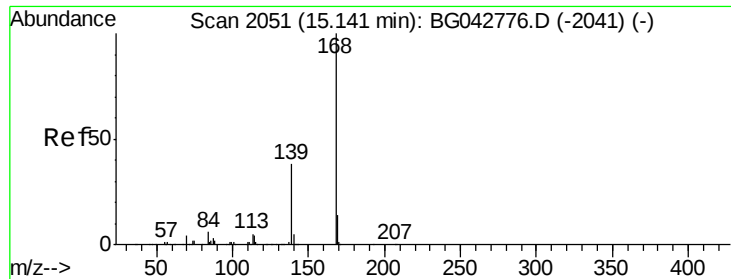
mohammad
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#54
2,4-Dinitrophenol
Concen: 110.351 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.1	46.2	69.4#
154	65.1	81.3	121.9#





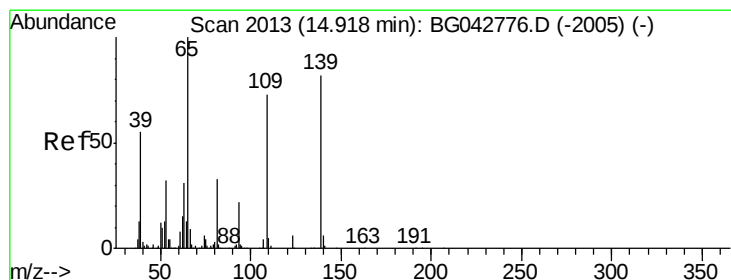
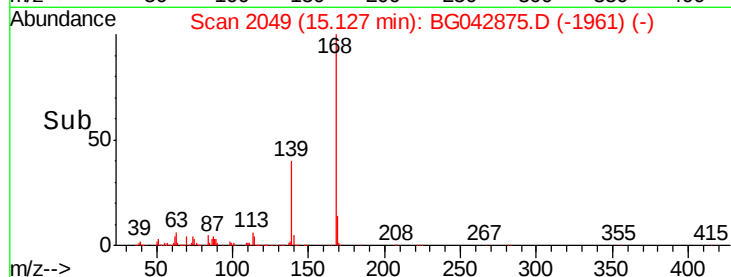
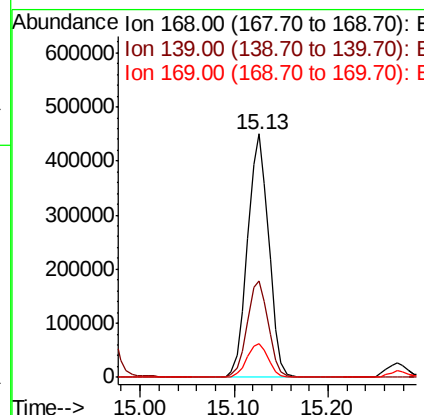
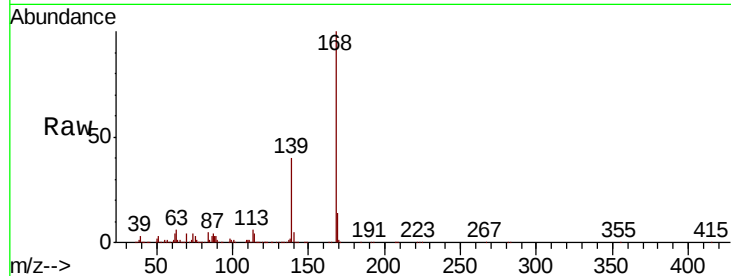
#55
Dibenzenofuran
Concen: 40.336 ng
RT: 15.13 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.5	30.2	45.4
169	13.7	11.2	16.8

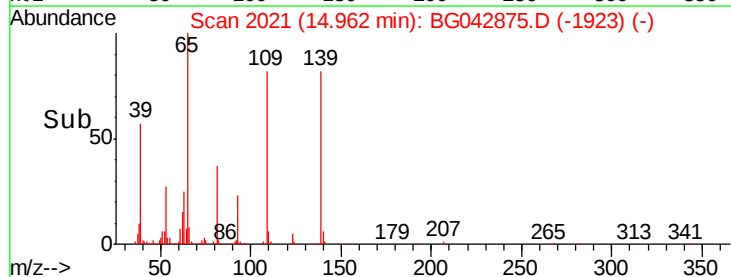
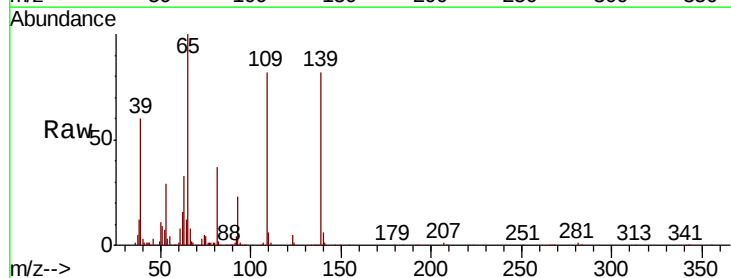
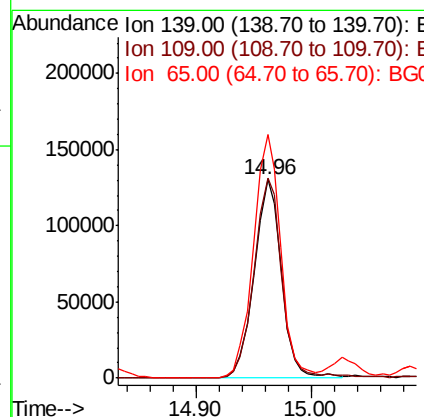
Manual Integrations
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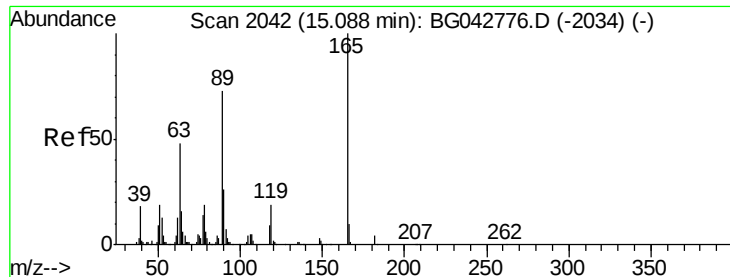
mohammad
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#56
4-Nitrophenol
Concen: 80.248 ng
RT: 14.96 min Scan# 2021
Delta R.T. 0.04 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.5	69.4	109.4
65	122.6	102.5	142.5





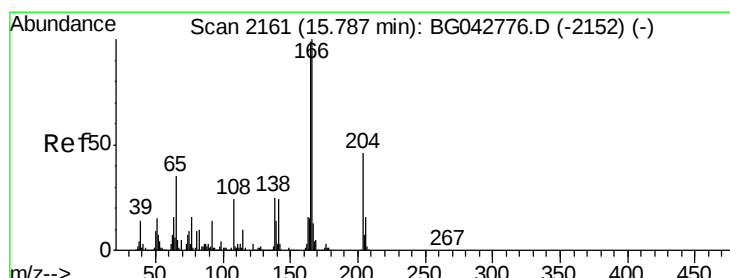
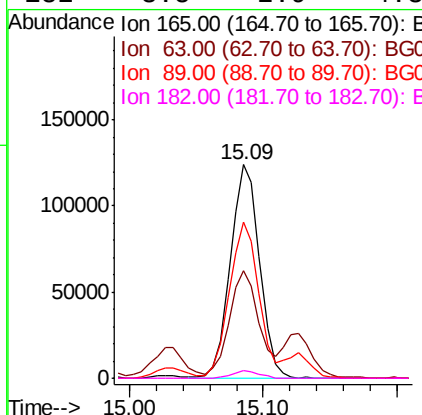
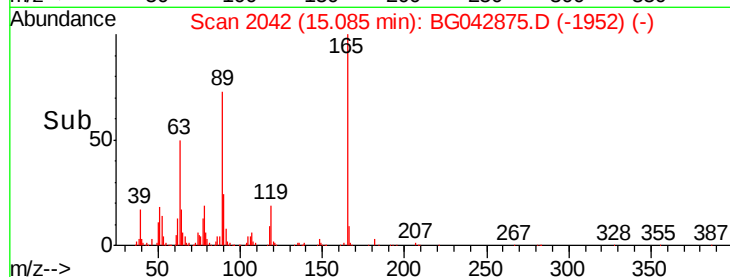
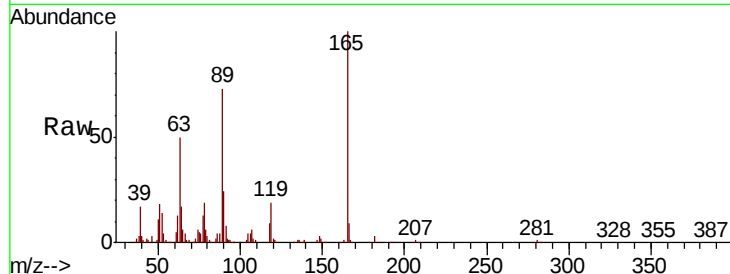
#57
 2,4-Dinitrotoluene
 Concen: 45.739 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		188622		
63	50.4	38.3	57.5		
89	73.1	58.4	87.6		
182	3.5	2.9	4.3		

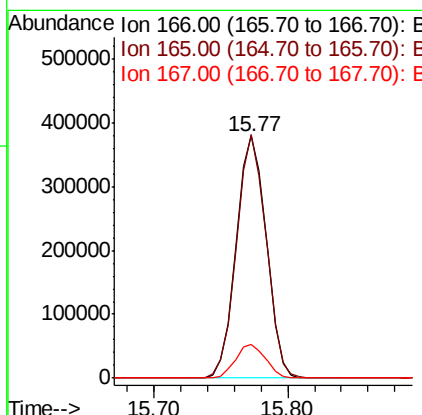
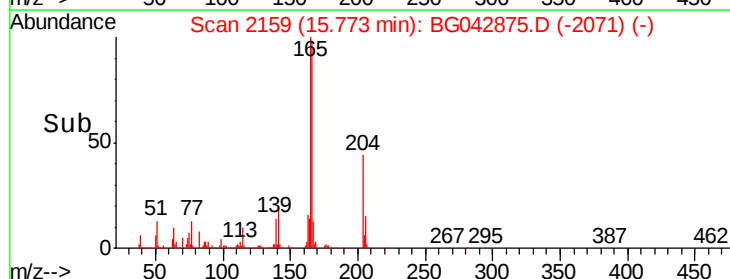
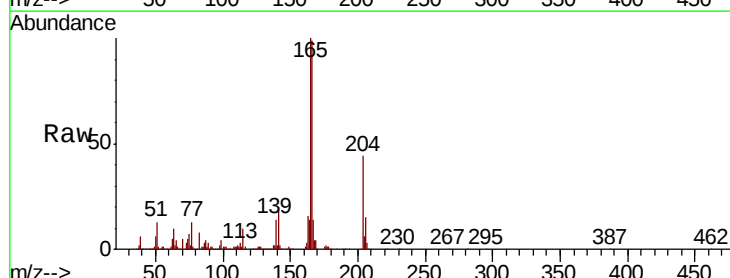
Manual Integrations
 APPROVED

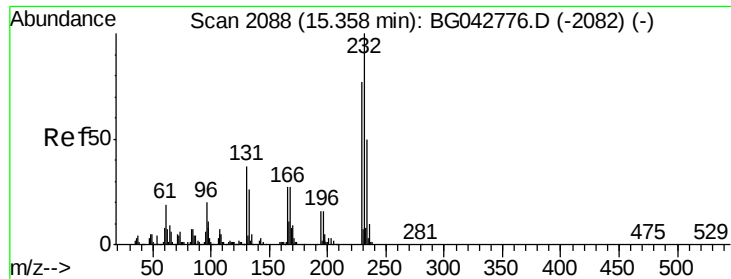
mohammad
 9/18/2019 2:18:39 PM



#58
 Fluorene
 Concen: 41.242 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		591201		
165	100.7	79.1	118.7		
167	14.1	10.7	16.1		





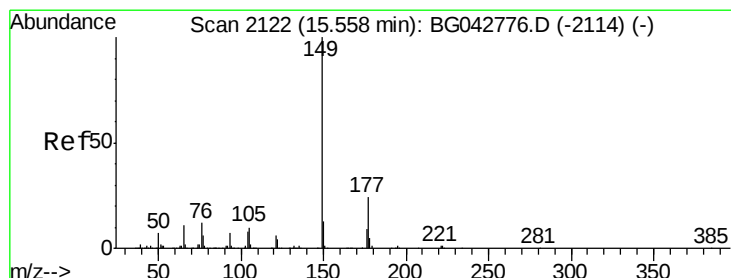
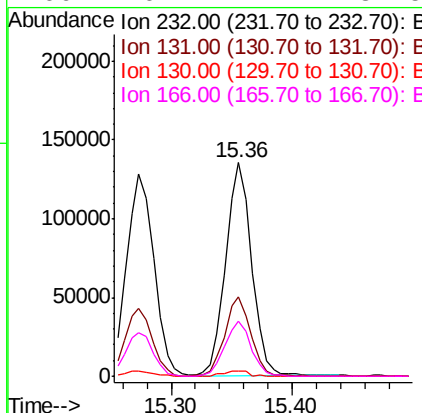
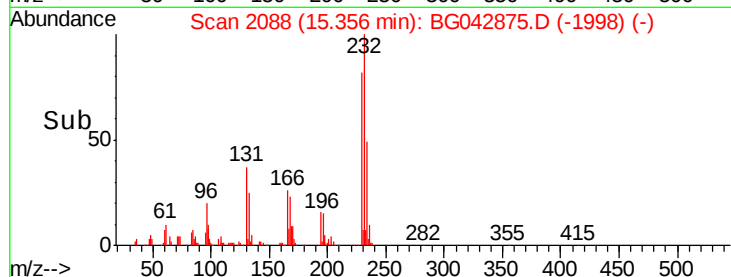
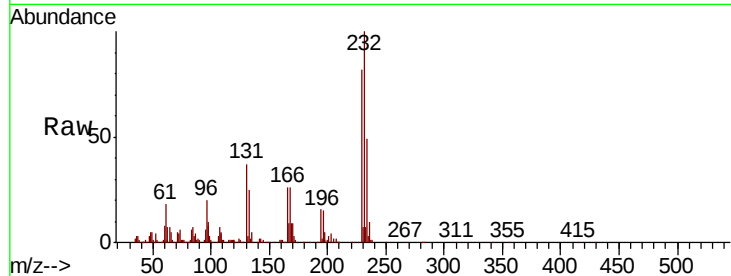
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.971 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.8	31.1	46.7
130	2.6	1.8	2.6
166	26.2	21.7	32.5

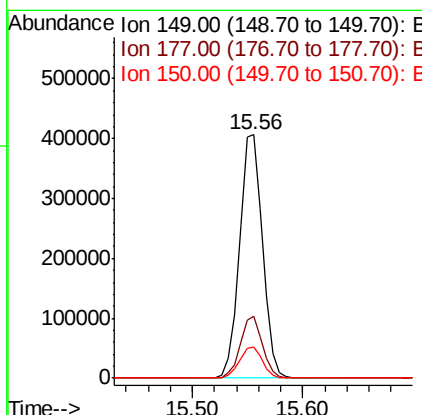
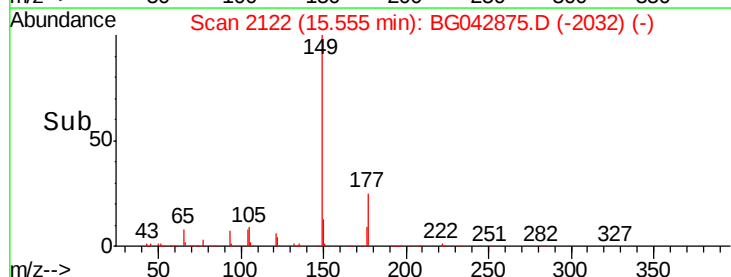
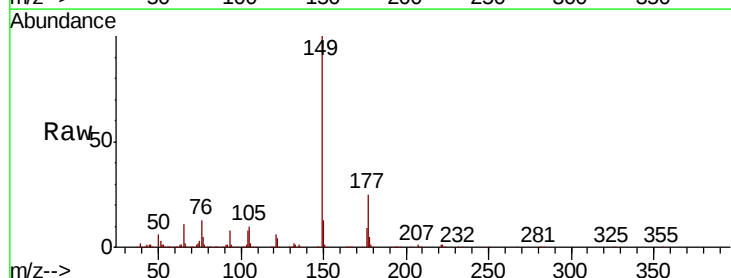
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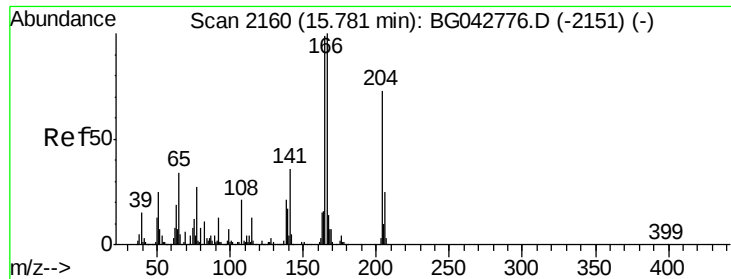
mohammad
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#60
Diethylphthalate
Concen: 38.863 ng
RT: 15.56 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.4	19.4	29.0
150	12.7	10.2	15.4





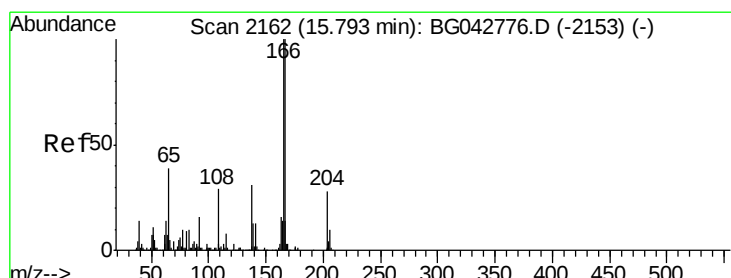
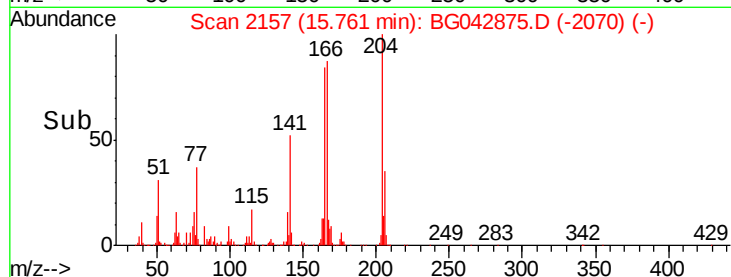
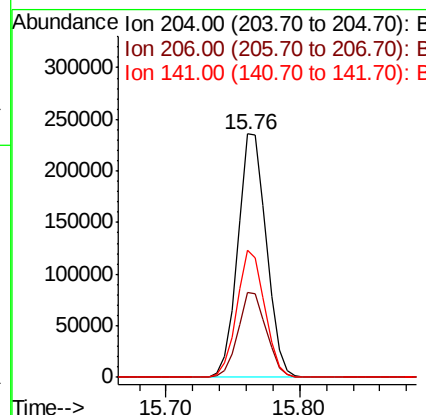
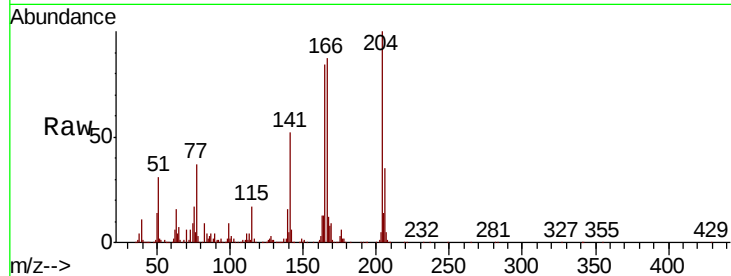
#61
4-Chlorophenyl-phenylether
Concen: 41.365 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.6	41.4
141	52.0	39.8	59.6

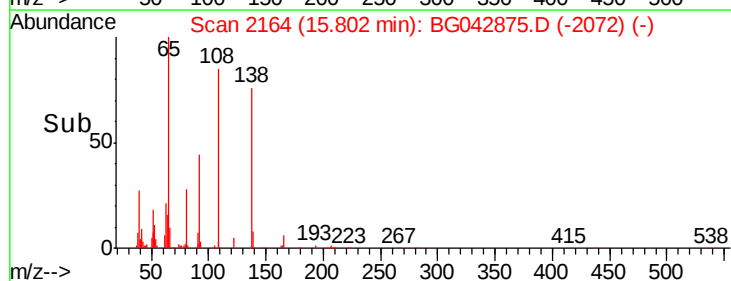
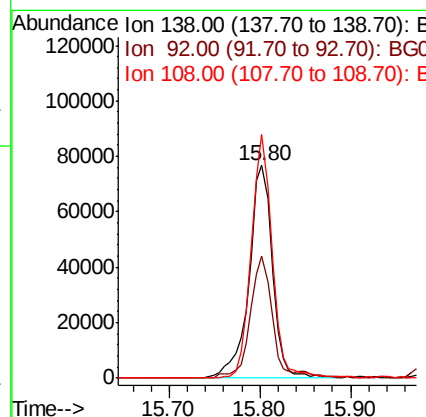
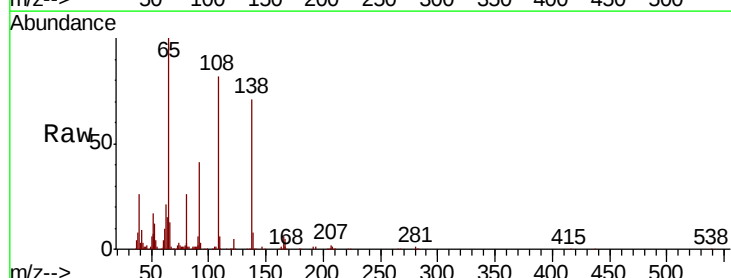
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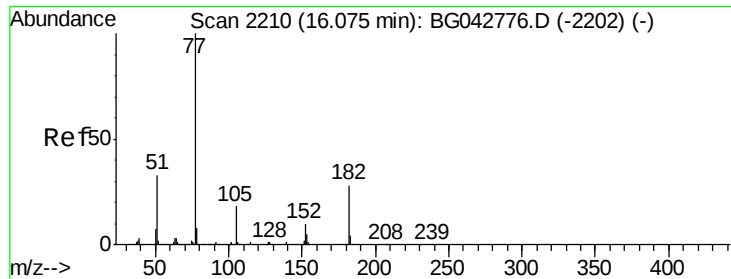
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#62
4-Nitroaniline
Concen: 36.746 ng
RT: 15.80 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	31.4	71.4
108	114.6	74.8	114.8





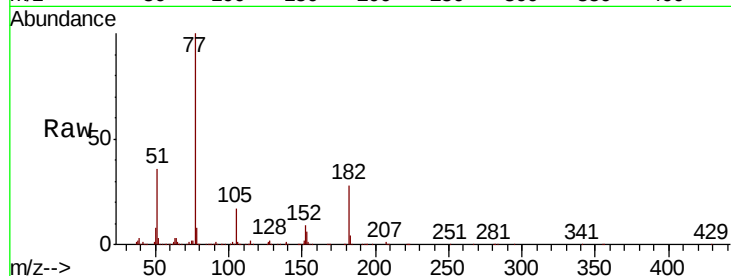
#63
Azobenzene
Concen: 39.210 ng
RT: 16.05 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

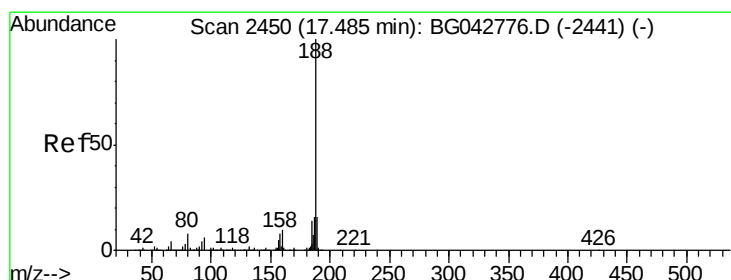
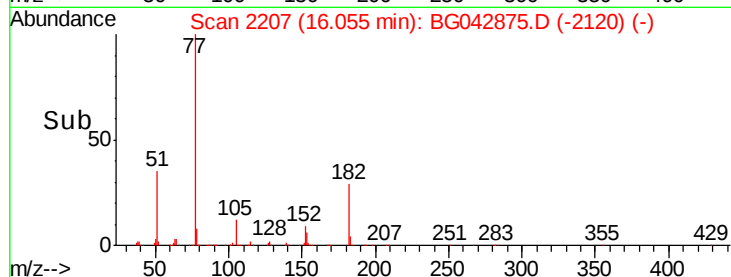
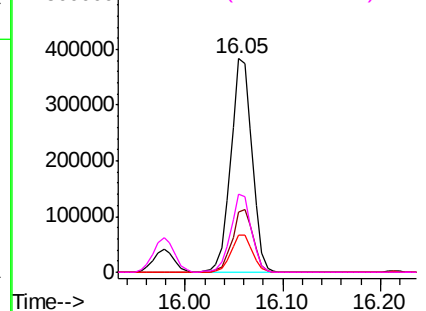
Tot Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.1	48.1
105	17.4	0.0	38.1
51	36.3	12.9	52.9

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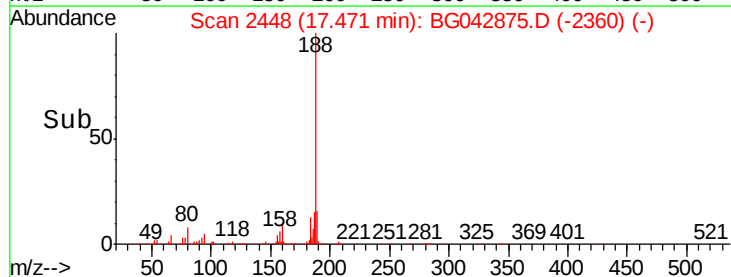
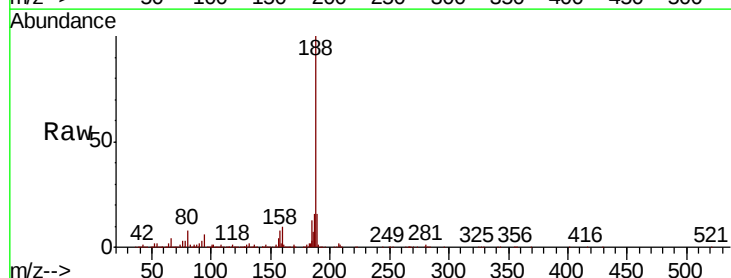
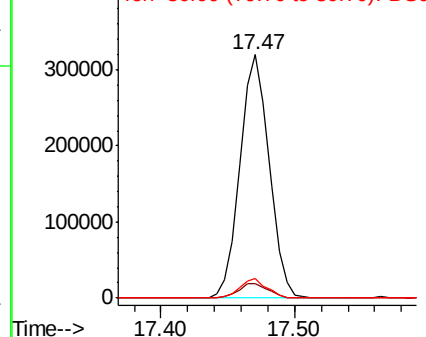
Abundance Ion 77.00 (76.70 to 77.70): BGC
600000
Ion 182.00 (181.70 to 182.70): BGC
500000
Ion 105.00 (104.70 to 105.70): BGC
400000
Ion 51.00 (50.70 to 51.70): BGC
300000
200000
100000
0

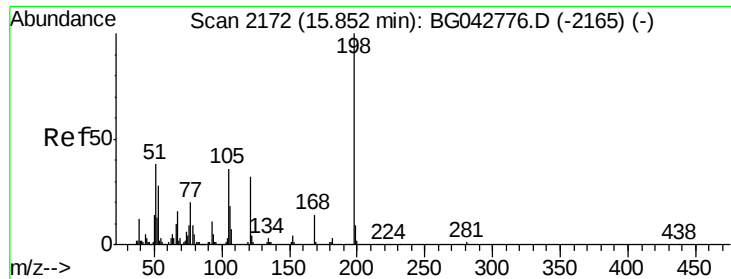


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.0	4.8	7.2
80	8.1	6.6	9.8

Abundance Ion 188.00 (187.70 to 188.70): BGC
400000
Ion 94.00 (93.70 to 94.70): BGC
300000
Ion 80.00 (79.70 to 80.70): BGC
200000
100000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 59.708 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

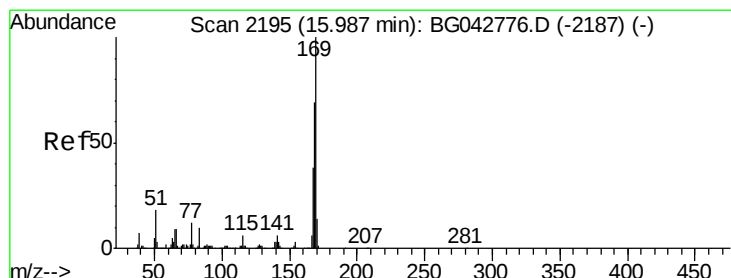
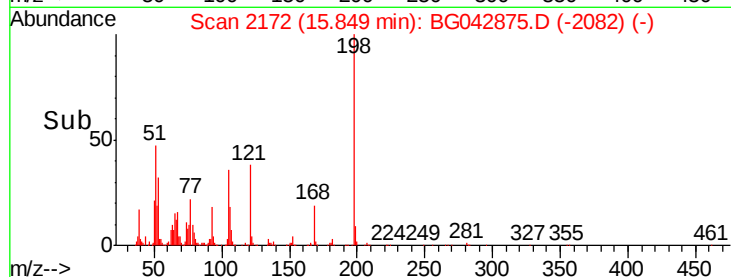
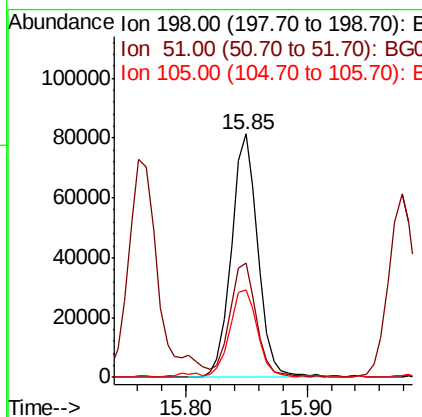
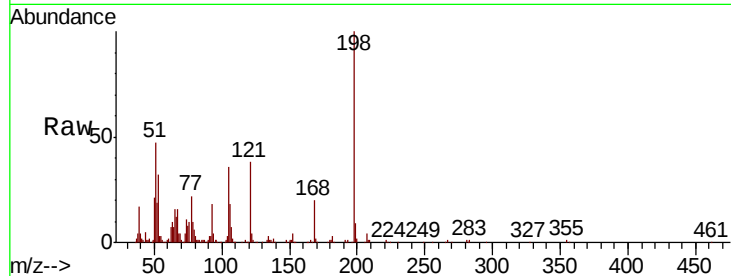
ClientSampled :

SB-12MS

Tot Ion:	198	Resp:	124221
Ion Ratio	Lower	Upper	
198	100		
51	46.7	20.9	60.9
105	36.0	16.4	56.4

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#66

n-Nitrosodiphenylamine

Concen: 40.695 ng

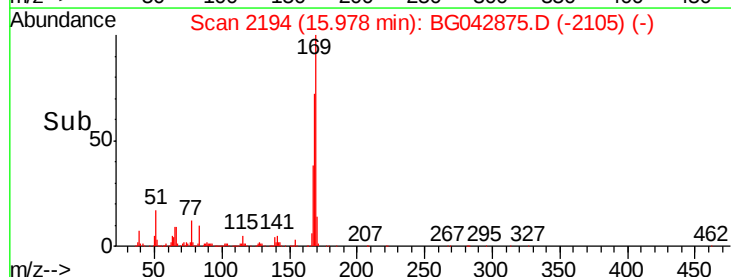
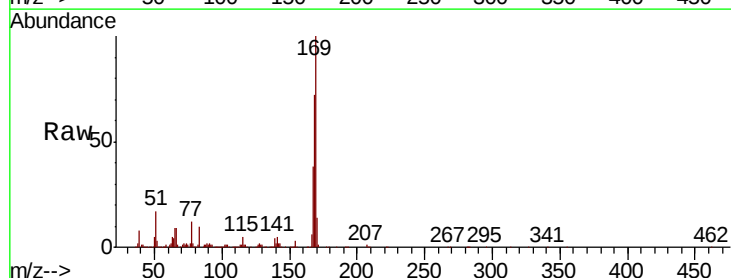
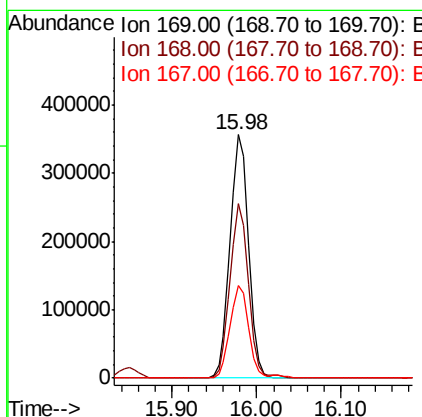
RT: 15.98 min Scan# 2194

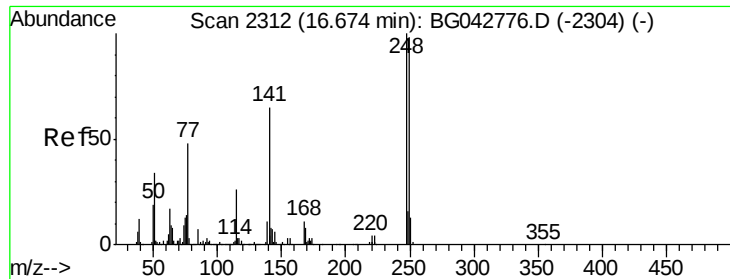
Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	169	Resp:	532456
Ion Ratio	Lower	Upper	
169	100		
168	71.6	55.4	83.2
167	38.3	30.4	45.6





#67

4-Bromophenyl-phenylether

Concen: 40.052 ng

RT: 16.66 min Scan# 2310

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

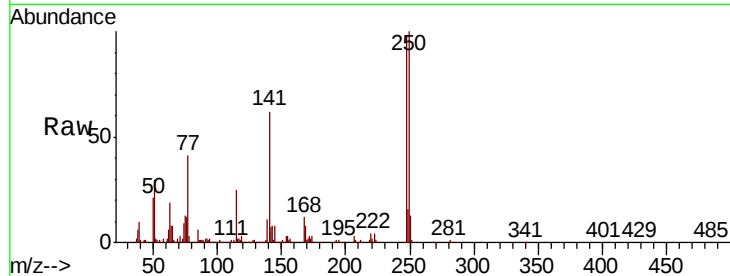
ClientSampleId :

SB-12MS

Tot Ion:	248	Resp:	235712
Ion Ratio	Lower	Upper	
248	100		
250	101.6	78.0	117.0
141	63.3	51.8	77.6

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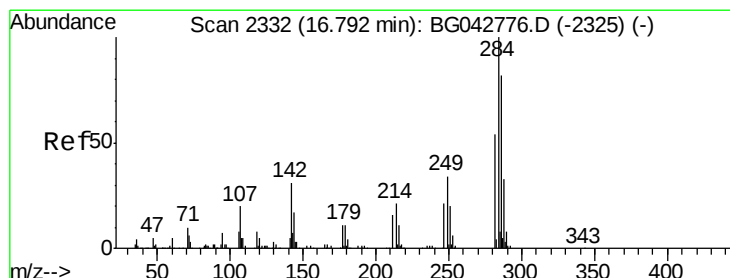
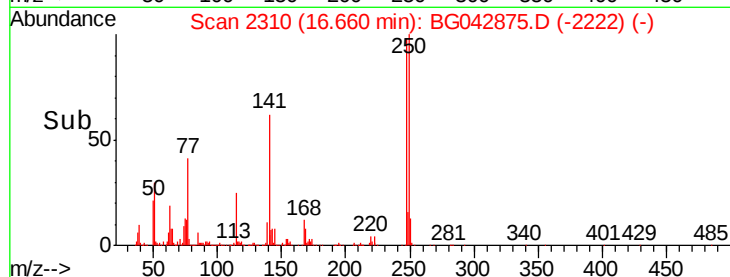
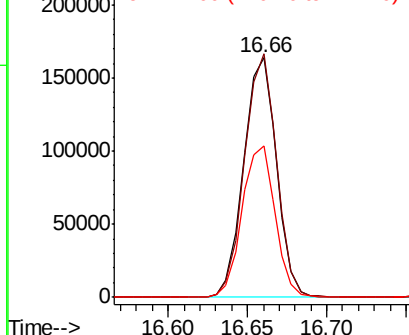


Abundance

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: 39.308 ng

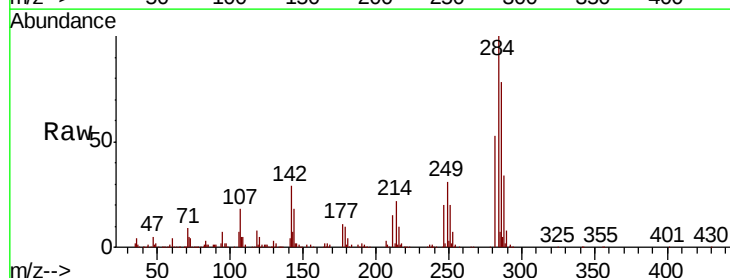
RT: 16.78 min Scan# 2330

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	284	Resp:	247186
Ion Ratio	Lower	Upper	
284	100		
142	28.8	24.7	37.1
249	31.4	27.0	40.4

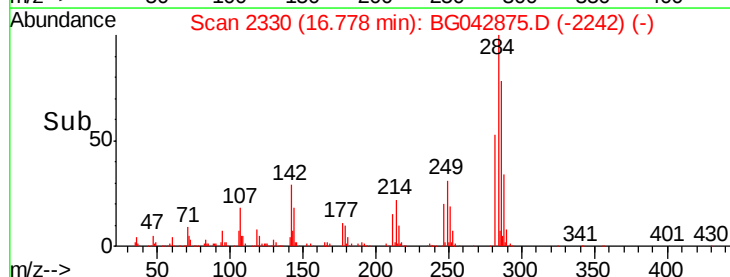
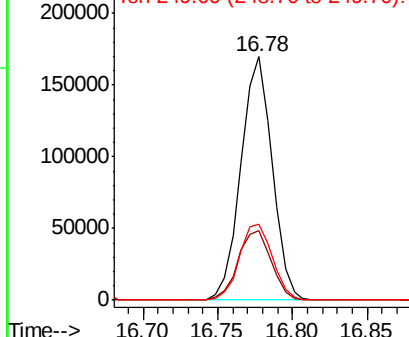


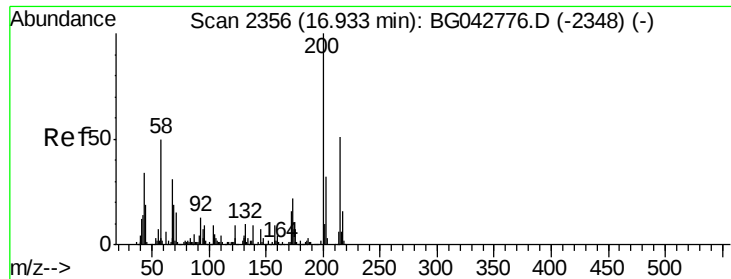
Abundance

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: 45.701 ng

RT: 16.94 min Scan# 2358

Delta R.T. 0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

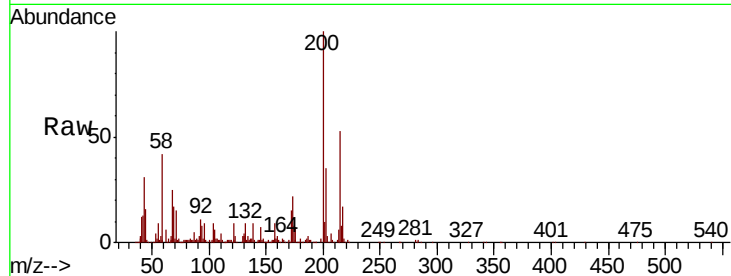
ClientSampleId :

SB-12MS

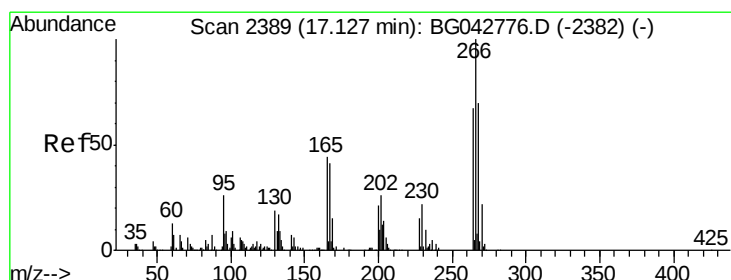
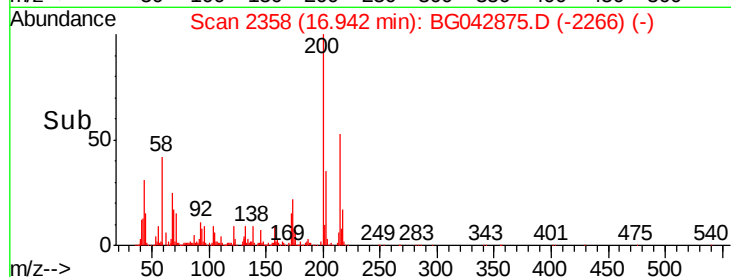
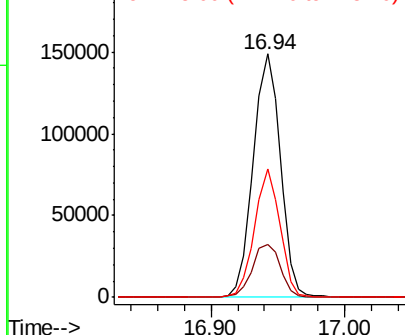
Tot Ion:	200	Resp:	208227
Ion Ratio	Lower	Upper	
200	100		
173	21.8	2.5	42.5
215	52.8	31.0	71.0

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Abundance Ion 200.00 (199.70 to 200.70): E
200000
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.761 ng

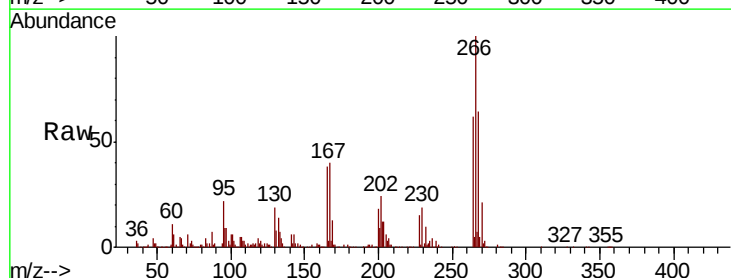
RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

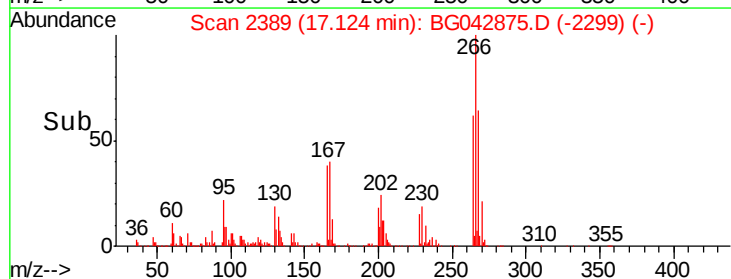
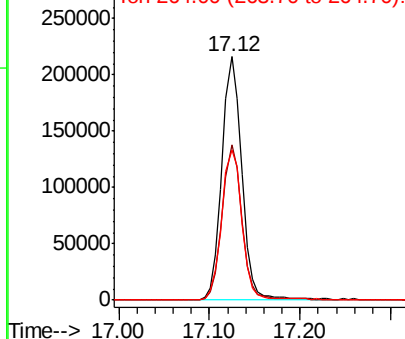
Lab File: BG042875.D

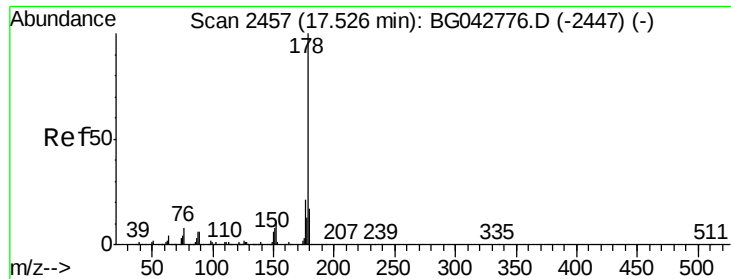
Acq: 17 Sep 2019 20:02

Tgt Ion:	266	Resp:	331122
Ion Ratio	Lower	Upper	
266	100		
268	64.0	56.2	84.4
264	61.8	53.4	80.2



Abundance Ion 265.70 (265.40 to 266.40): E
300000
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.116 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

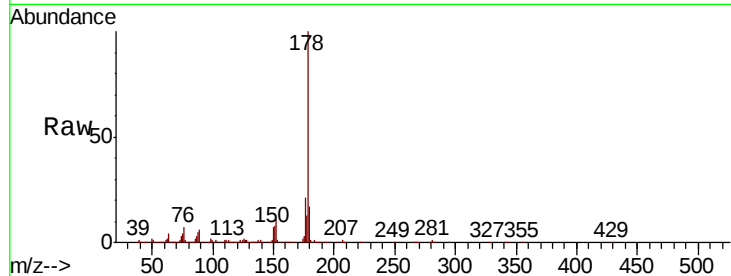
ClientSampleId :

SB-12MS

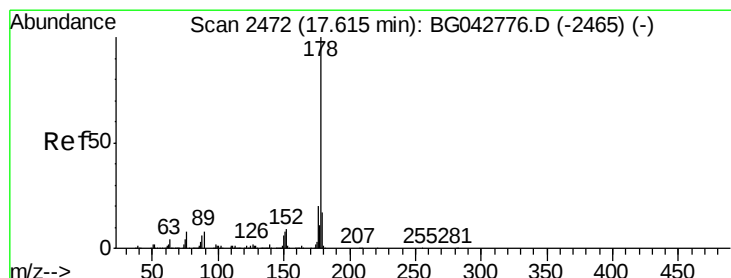
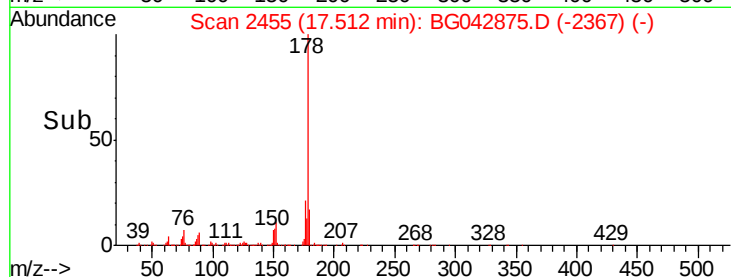
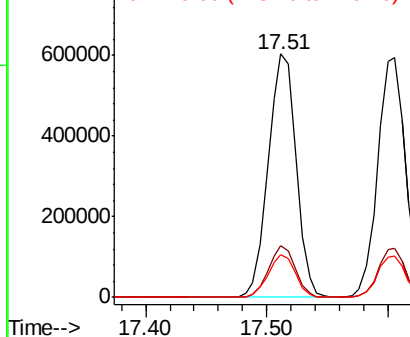
Tot Ion:	178	Resp:	956070
Ion Ratio	Lower	Upper	
178	100		
176	21.2	17.0	25.4
179	17.3	13.6	20.4

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



#72

Anthracene

Concen: 41.227 ng

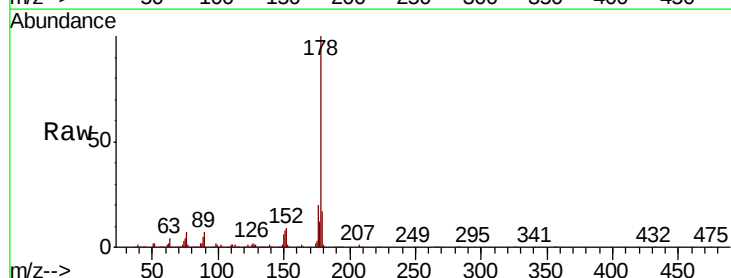
RT: 17.61 min Scan# 2471

Delta R.T. -0.01 min

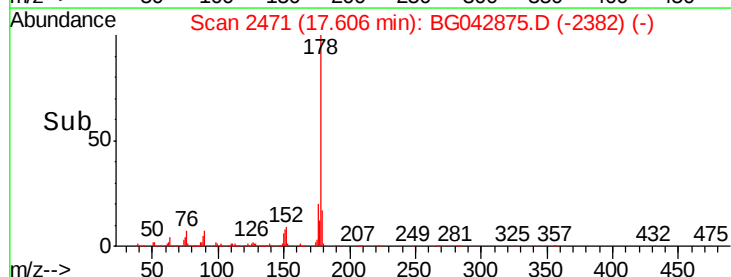
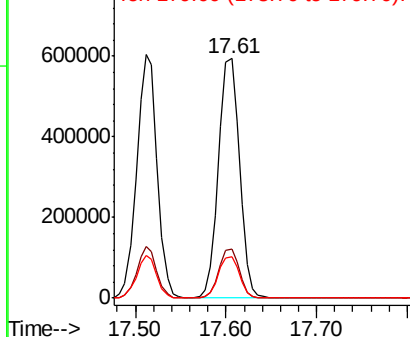
Lab File: BG042875.D

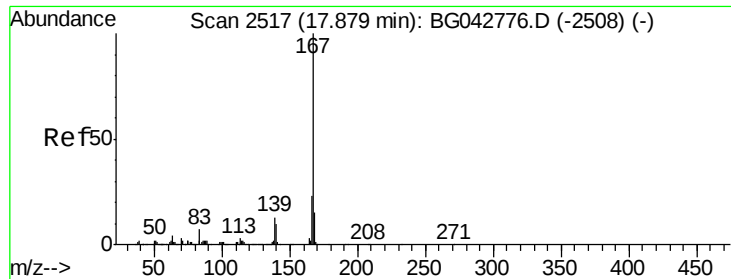
Acq: 17 Sep 2019 20:02

Tgt Ion:	178	Resp:	957748
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.2	24.4
179	17.1	13.6	20.4



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





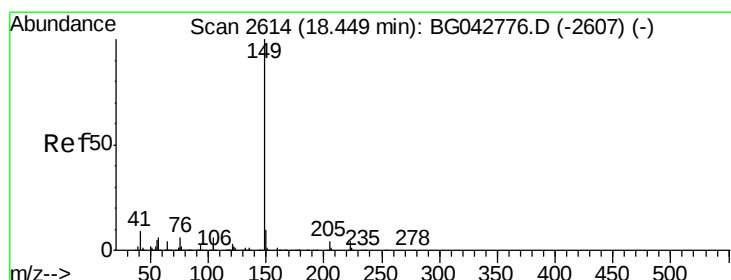
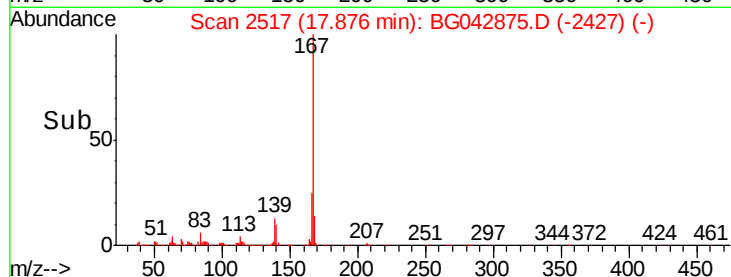
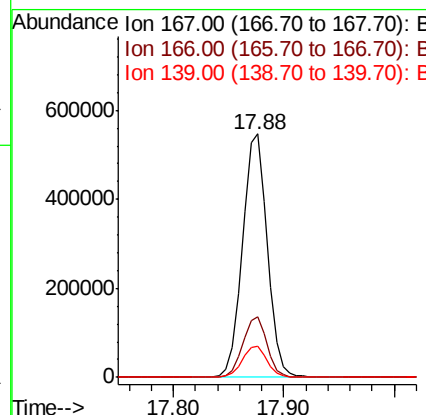
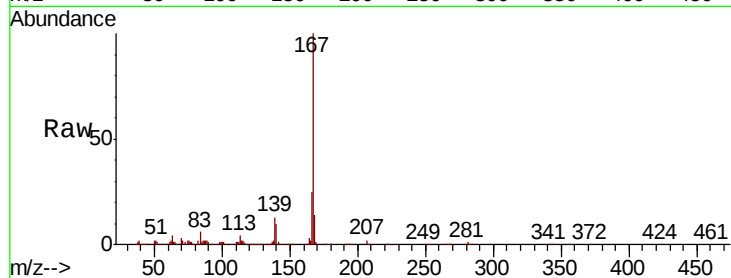
#73
 Carbazole
 Concen: 39.088 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-12MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.8	18.3	27.5
139	12.8	10.2	15.4

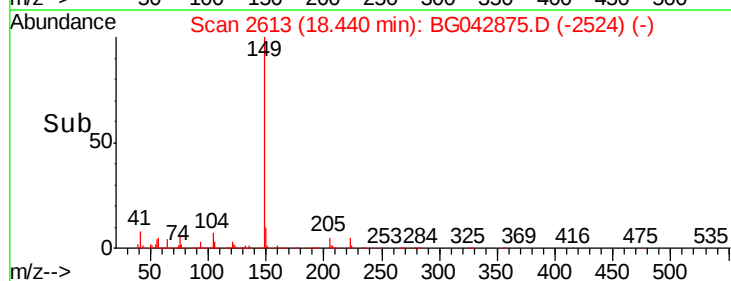
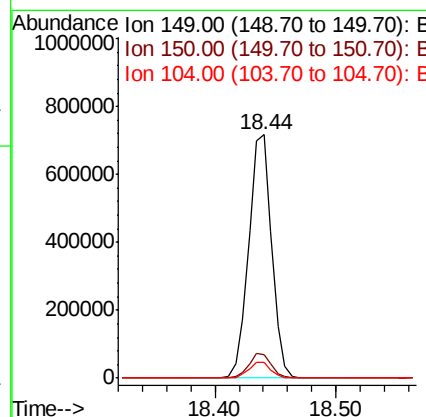
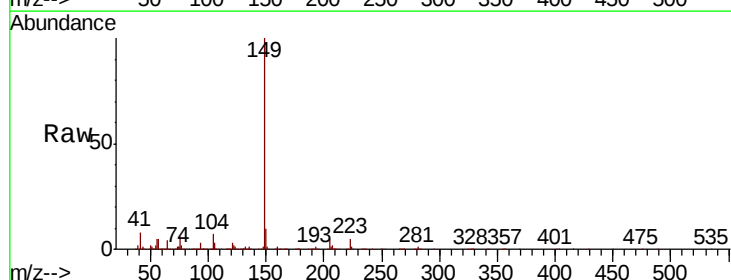
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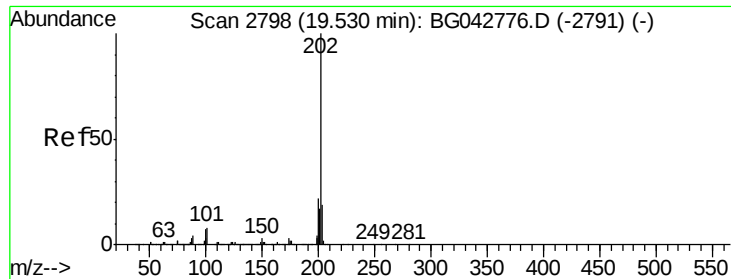
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#74
 Di-n-butylphthalate
 Concen: 36.031 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042875.D
 Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	6.7	5.1	7.7





#75

Fluoranthene

Concen: 38.164 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

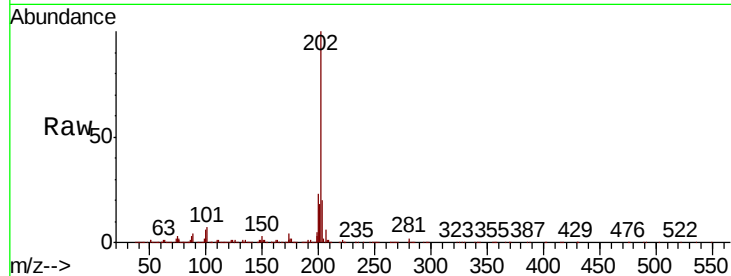
ClientSampled :

SB-12MS

Tot Ion:	202	Resp:	1150150
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	27.8
203	19.5	0.0	39.1

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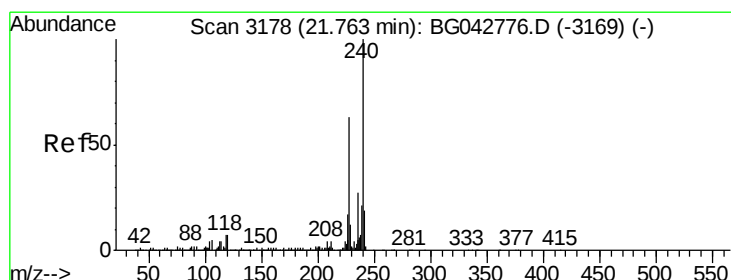
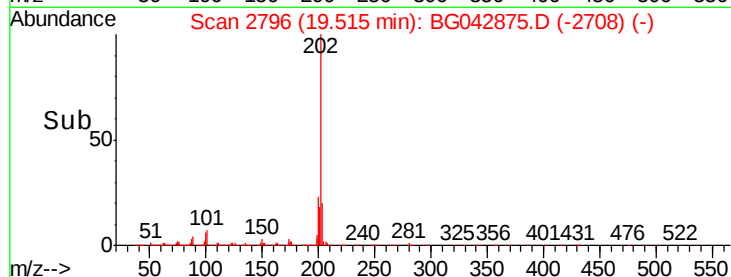
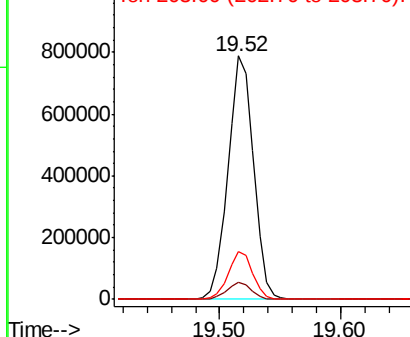


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

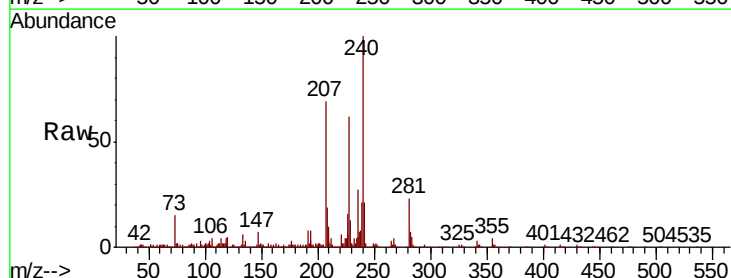
RT: 21.75 min Scan# 3176

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	240	Resp:	380469
Ion Ratio	Lower	Upper	
240	100		
120	4.9	5.4	8.2#
236	26.9	21.7	32.5

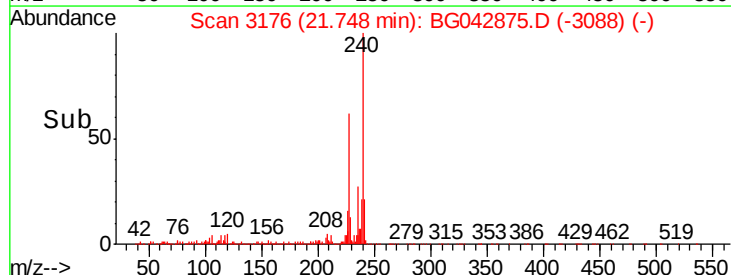
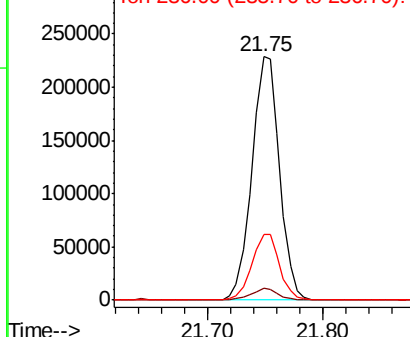


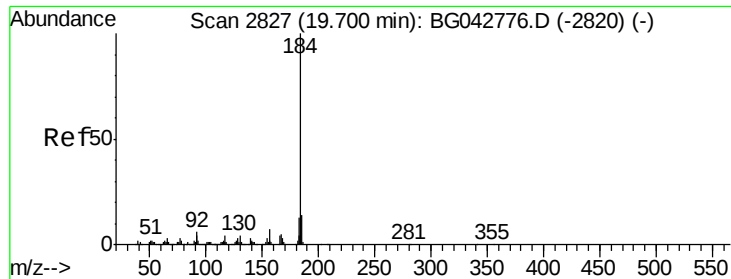
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.184 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

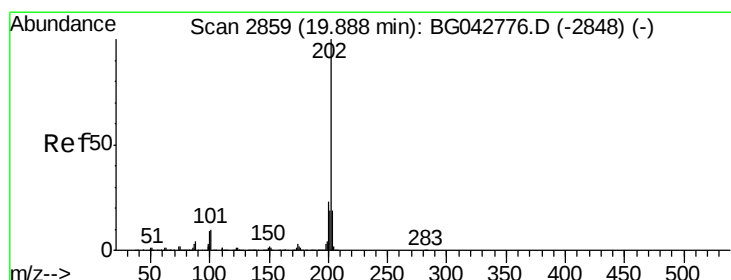
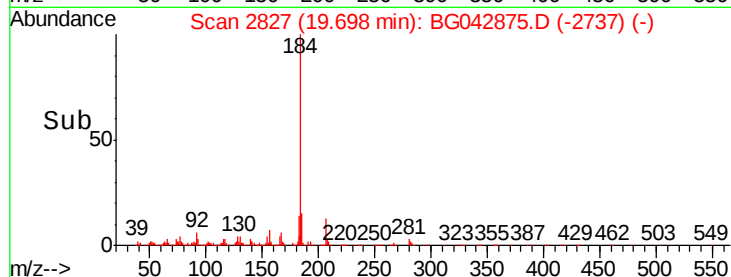
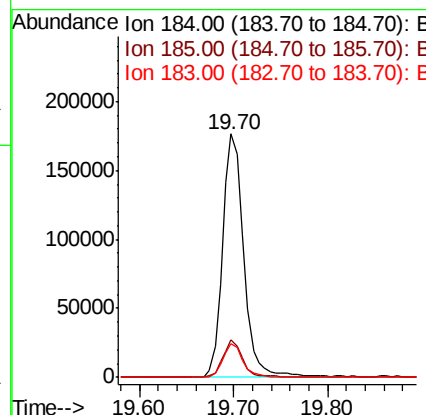
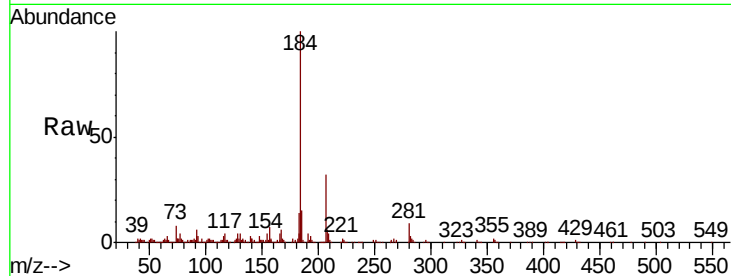
ClientSampleId :

SB-12MS

Tot Ion:	184	Resp:	278327
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.6	17.4
183	13.9	10.4	15.6

Manual Integrations
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#78

Pyrene

Concen: 48.002 ng

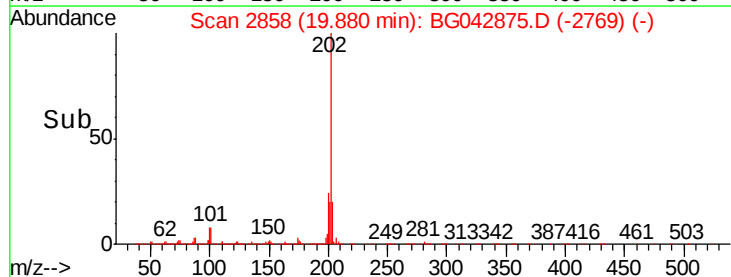
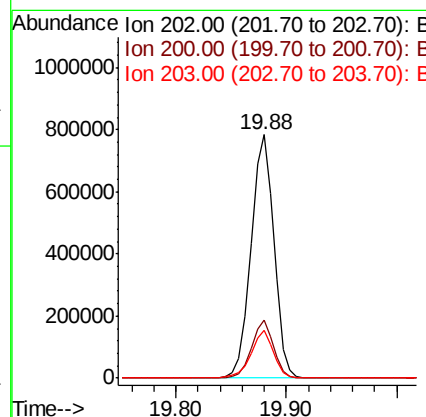
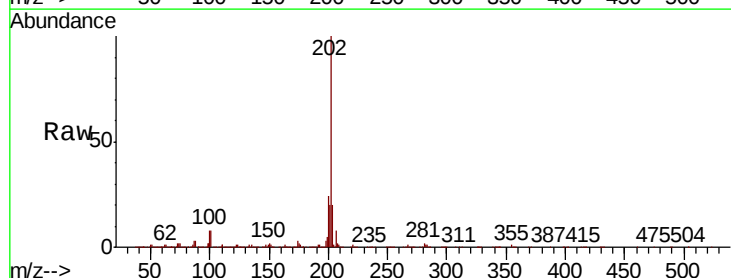
RT: 19.88 min Scan# 2858

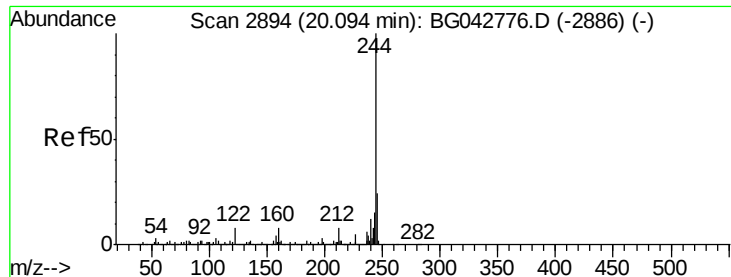
Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	202	Resp:	1143398
Ion Ratio	Lower	Upper	
202	100		
200	24.1	18.5	27.7
203	19.7	15.3	22.9





#79

Terphenyl-d14

Concen: 82.156 ng

RT: 20.07 min Scan# 2891

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

ClientSampled :

SB-12MS

Tot Ion:244 Resp: 1410367

Ion Ratio Lower Upper

244 100

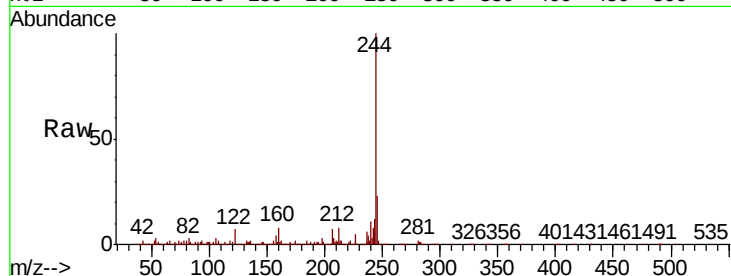
212 8.3 6.6 10.0

122 7.3 6.2 9.4

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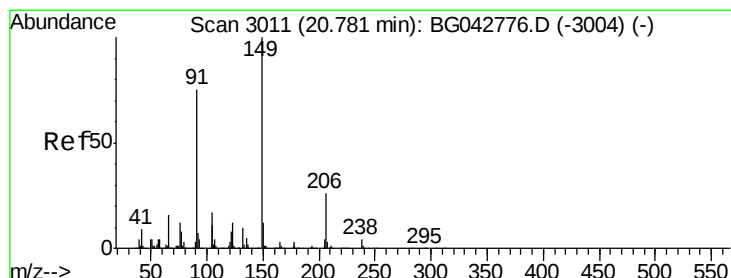
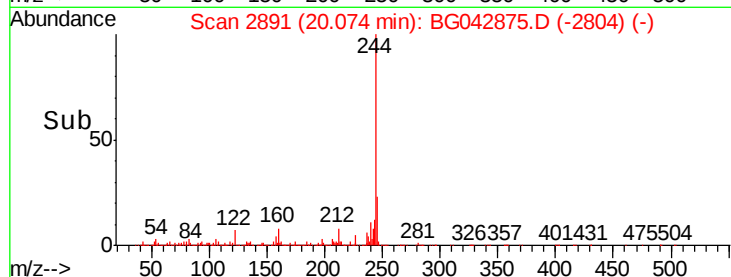
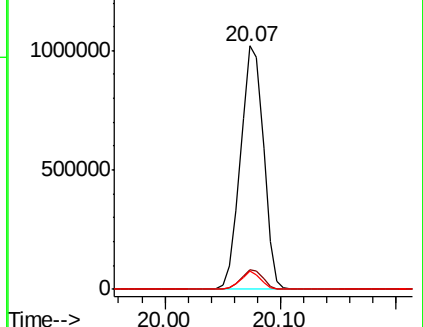
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.620 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

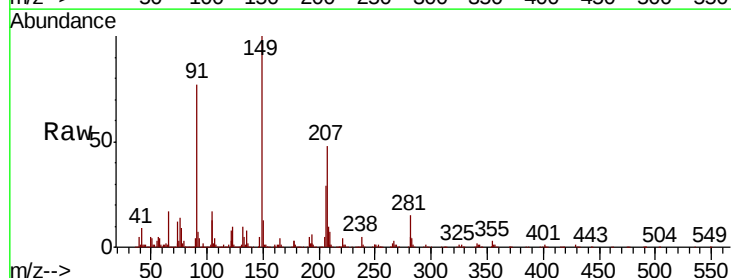
Tgt Ion:149 Resp: 362666

Ion Ratio Lower Upper

149 100

91 76.8 60.2 90.2

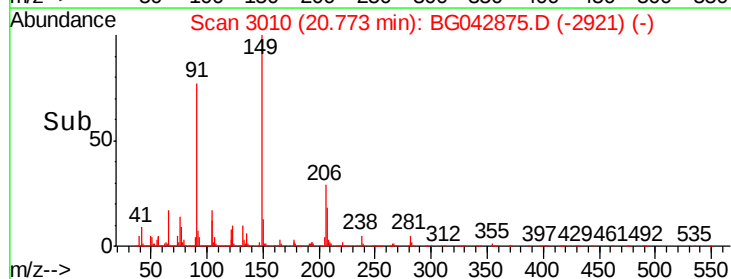
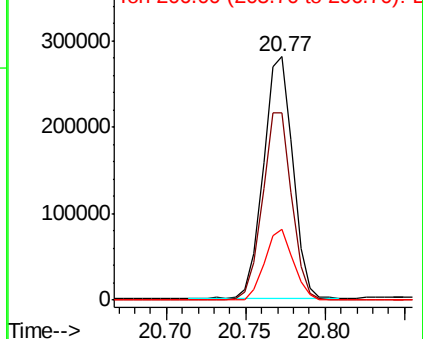
206 28.9 20.6 30.8

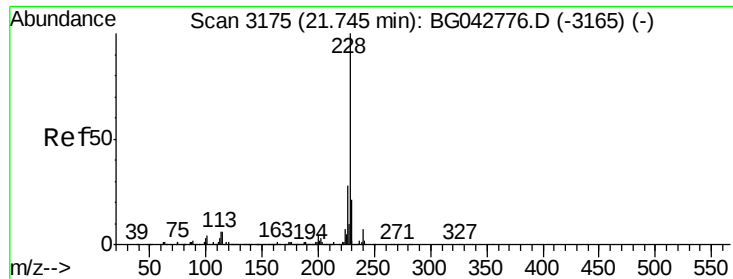


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





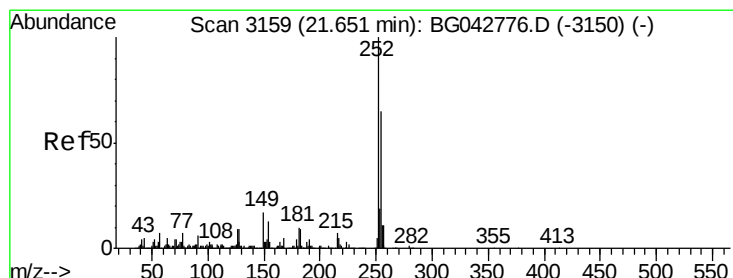
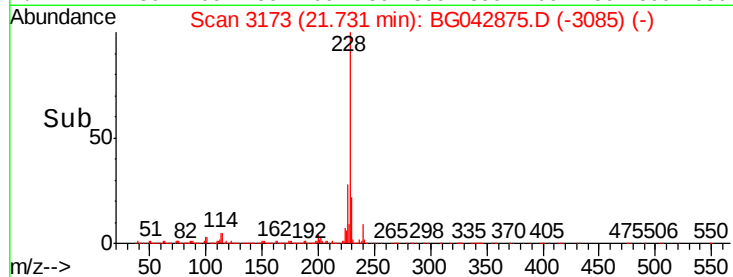
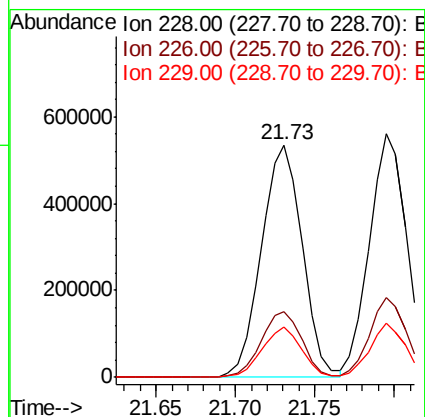
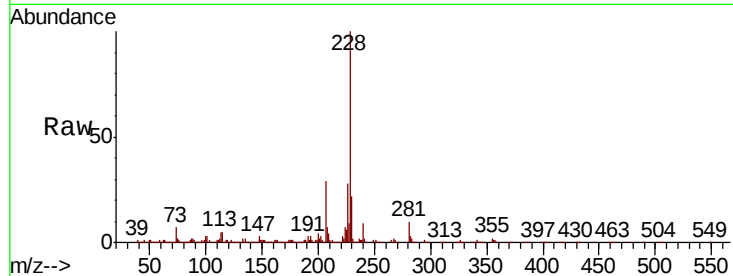
#81
Benzo(a)anthracene
Concen: 39.683 ng
RT: 21.73 min Scan# 3173
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampled :
SB-12MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.5	33.7
229	21.5	17.2	25.8

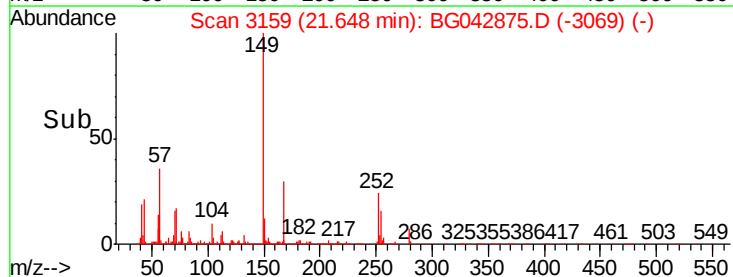
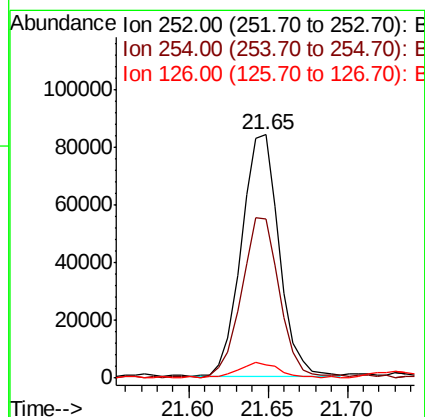
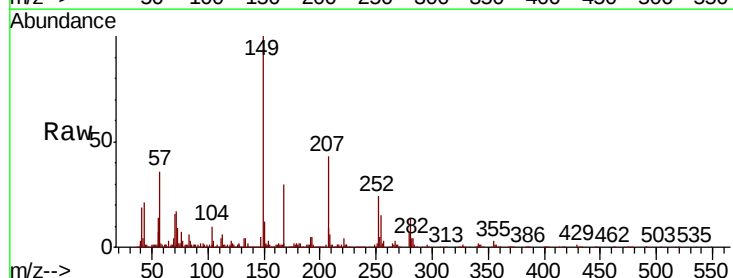
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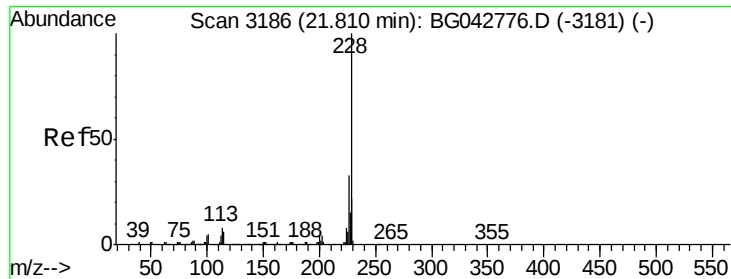
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 14.546 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.2
126	5.3	7.0	10.4





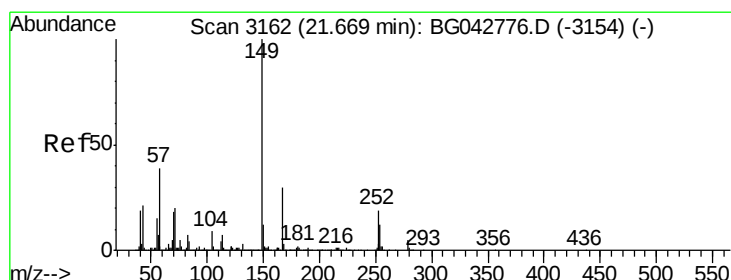
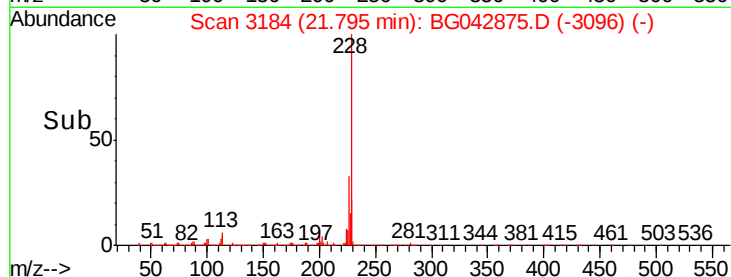
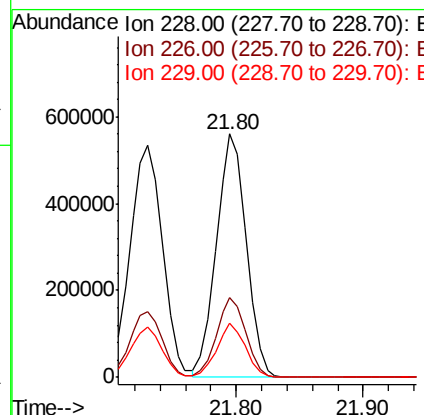
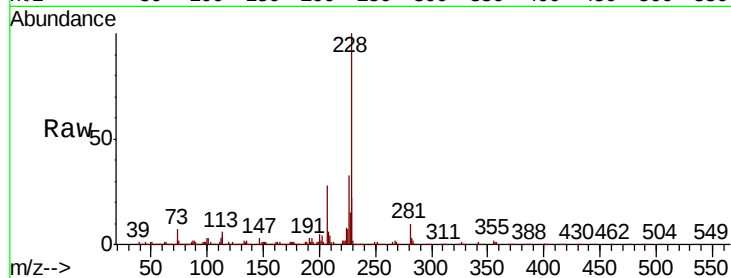
#83
Chrysene
Concen: 40.083 ng
RT: 21.80 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	32.7	26.0	39.0	
229	22.1	17.1	25.7	

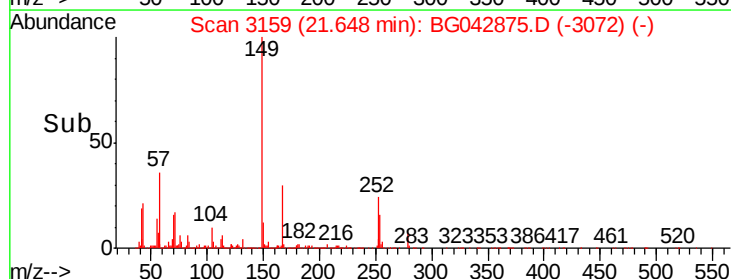
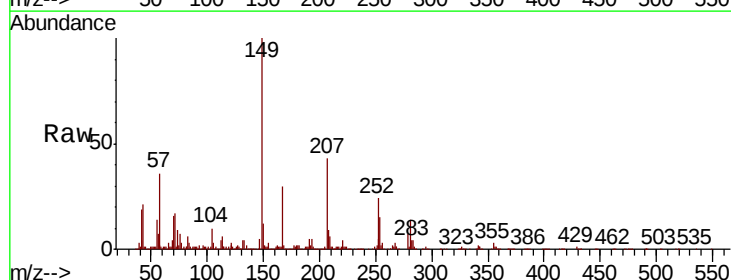
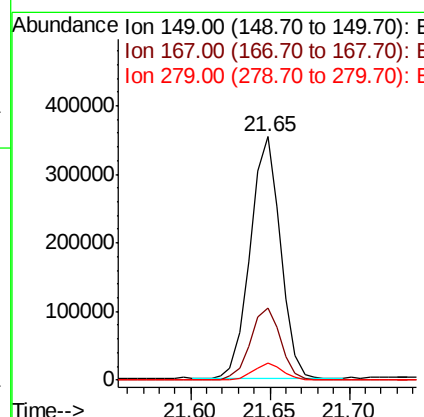
Manual Integrations
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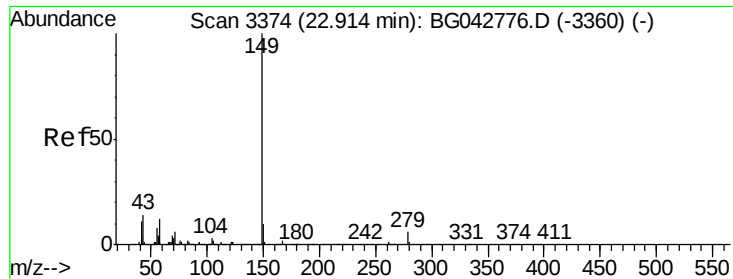
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#84
Bis(2-ethylhexyl)phthalate
Concen: 35.323 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	29.9	24.3	36.5	
279	6.9	4.2	6.4#	





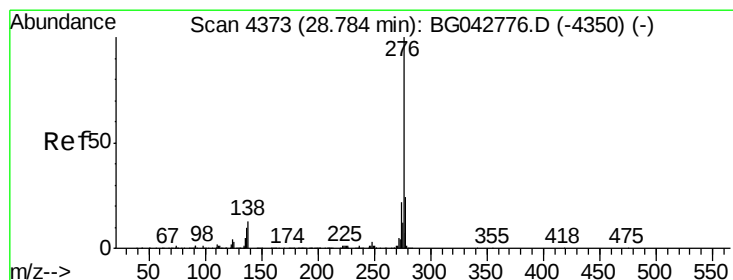
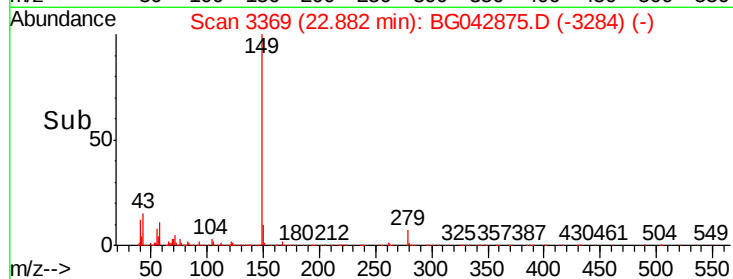
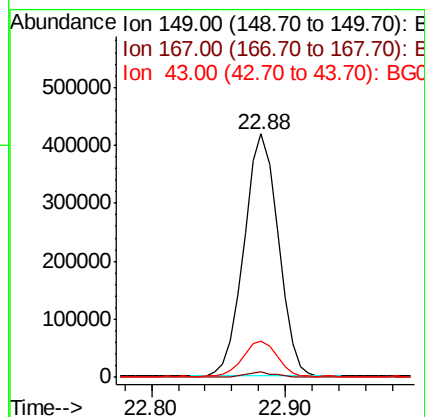
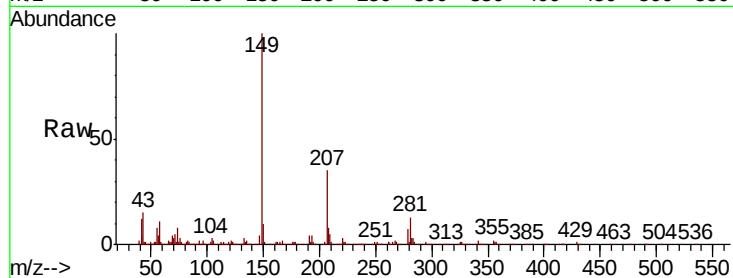
#85
Di-n-octyl phthalate
Concen: 32.850 ng
RT: 22.88 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Instrument :
BNA_G
ClientSampleId :
SB-12MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.4	2.0
43	14.8	10.6	15.8

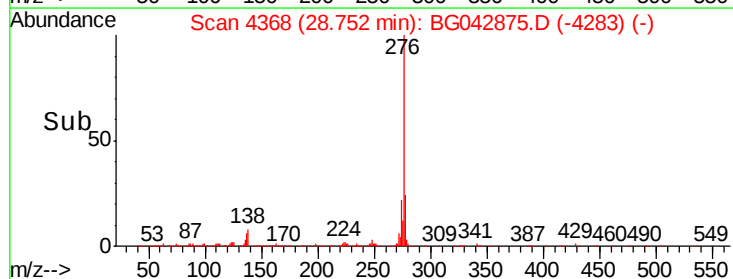
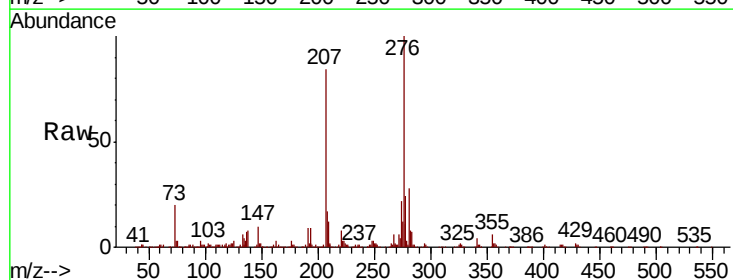
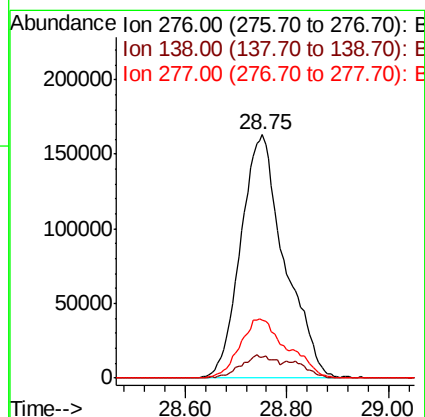
Manual Integrations
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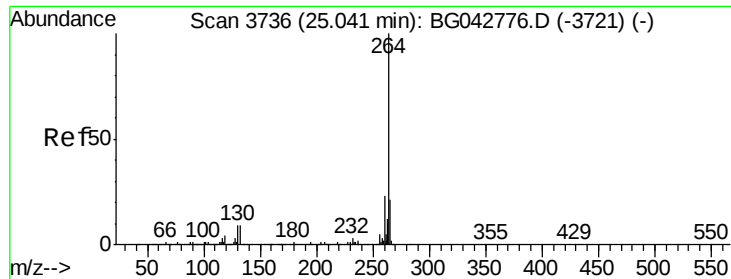
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.433 ng
RT: 28.75 min Scan# 4368
Delta R.T. -0.03 min
Lab File: BG042875.D
Acq: 17 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.3	9.3	13.9#
277	26.3	17.2	25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

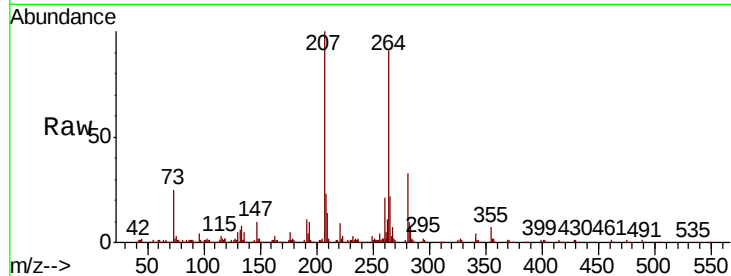
ClientSampleId :

SB-12MS

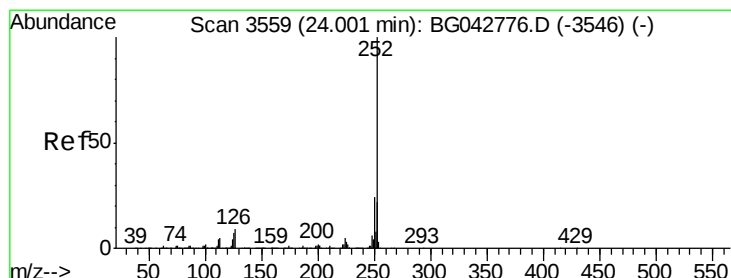
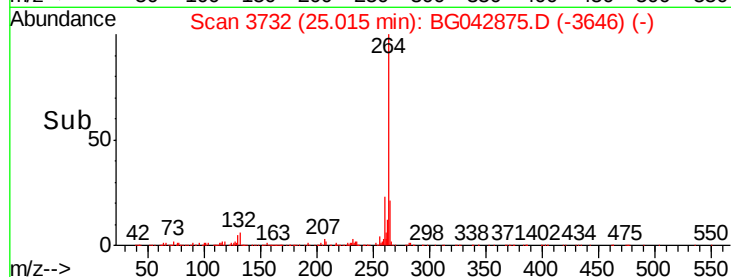
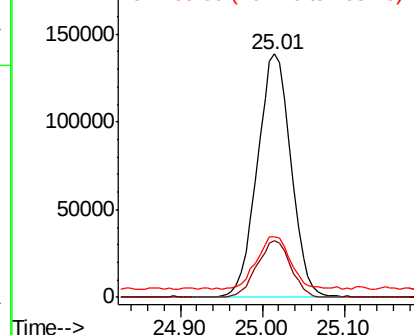
Tot Ion:	264	Resp:	397671
Ion Ratio	Lower	Upper	
264	100		
260	23.3	18.2	27.2
265	24.7	16.9	25.3

Manual Integrations
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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: 39.529 ng

RT: 23.98 min Scan# 3556

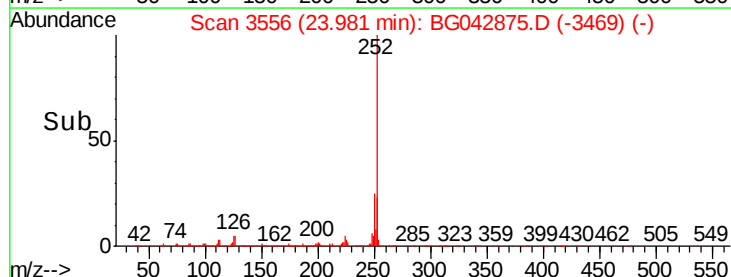
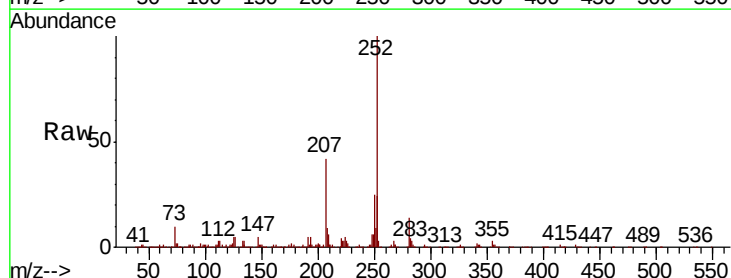
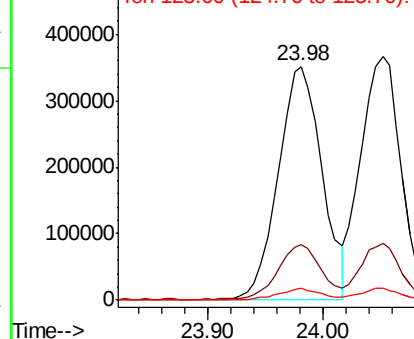
Delta R.T. -0.02 min

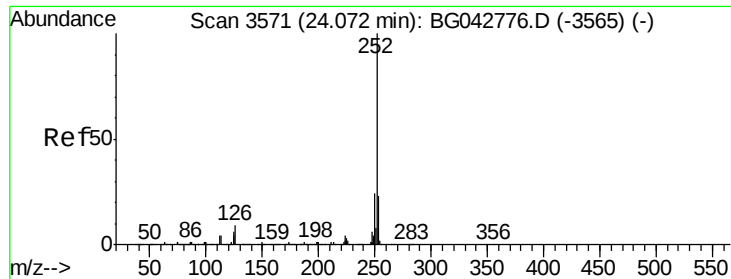
Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	252	Resp:	923006
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	4.9	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: 40.028 ng

RT: 24.05 min Scan# 3568

Delta R.T. -0.02 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

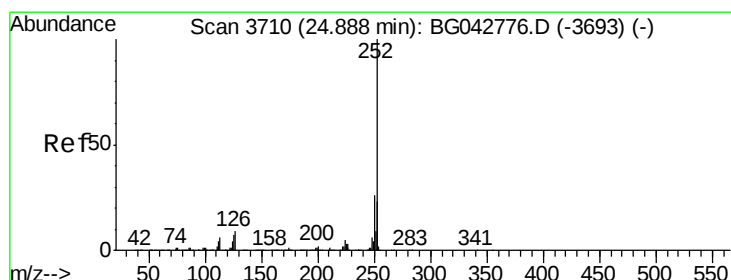
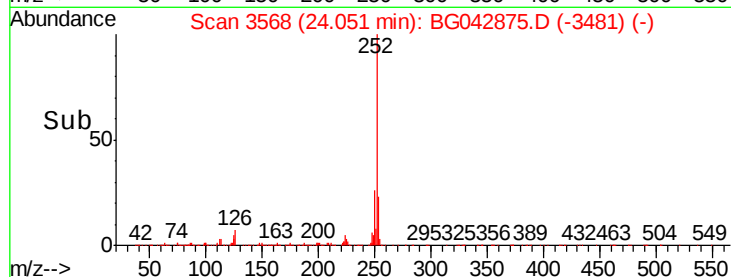
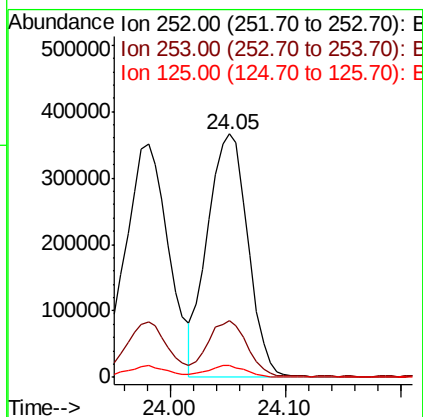
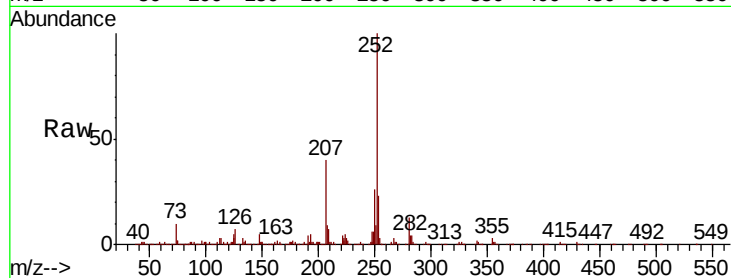
ClientSampled :

SB-12MS

Tot Ion:	252	Resp:	882916
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.2	27.4
125	4.7	5.3	7.9#

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 40.440 ng

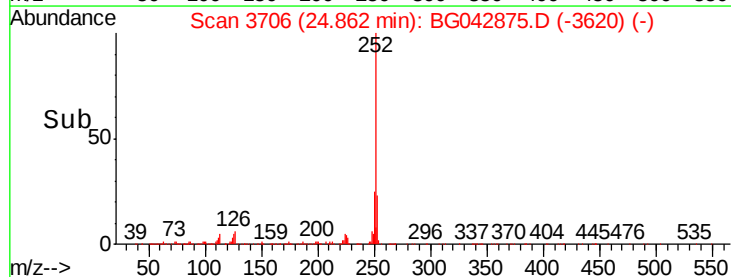
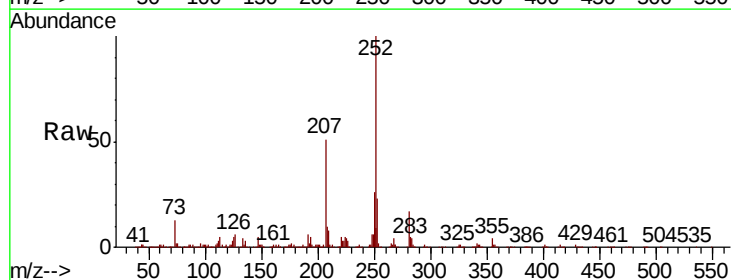
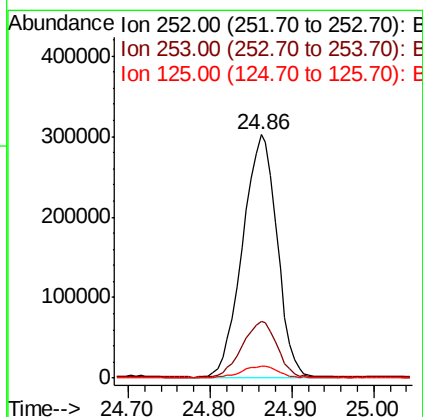
RT: 24.86 min Scan# 3706

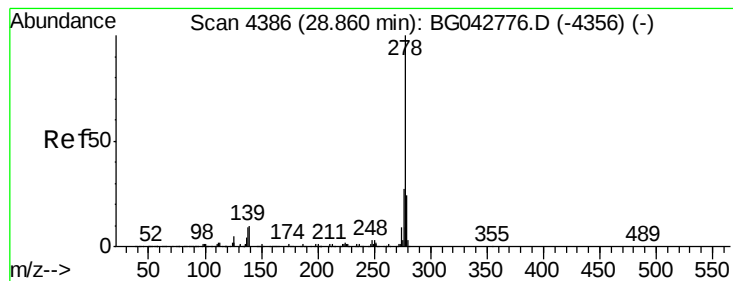
Delta R.T. -0.03 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	252	Resp:	884192
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	5.1	5.7	8.5#





#91

Dibenzo(a,h)anthracene

Concen: 38.545 ng

RT: 28.82 min Scan# 4379

Delta R.T. -0.04 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Instrument :

BNA_G

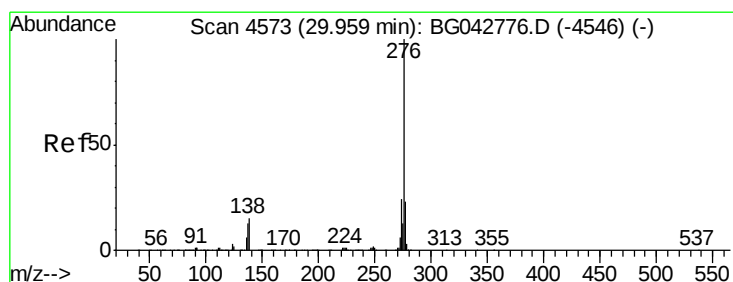
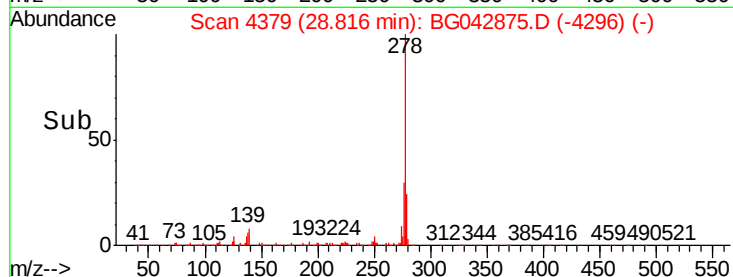
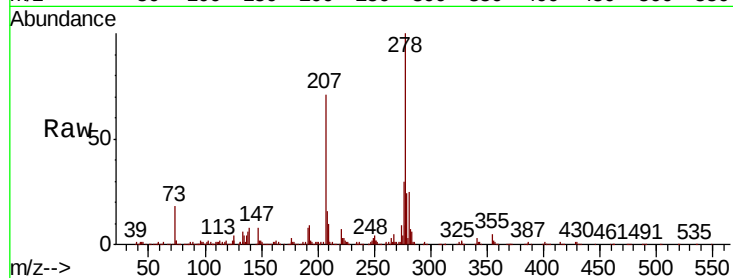
ClientSampleId :

SB-12MS

Tot Ion:	278	Resp:	828888
Ion Ratio	Lower	Upper	
278	100		
139	7.6	8.2	12.2#
279	24.5	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/18/2019 2:18:39 PM



#92

Benzo(g,h,i)perylene

Concen: 39.918 ng

RT: 29.91 min Scan# 4565

Delta R.T. -0.05 min

Lab File: BG042875.D

Acq: 17 Sep 2019 20:02

Tgt Ion:	276	Resp:	837313
Ion Ratio	Lower	Upper	
276	100		
277	25.8	18.4	27.6
138	10.0	11.8	17.8#

