

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038354.D
 Acq On : 5 Dec 2018 11:03
 Operator : JU/SJ
 Sample : J5764-22MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Manual Integrations
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mohammad
 12/6/2018 10:33:25 AM

Quant Time: Dec 05 12:04:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27122	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	114432	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	76361	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	191233	20.00	ng	0.00
76) Chrysene-d12	21.74	240	177958	20.00	ng	0.00
87) Perylene-d12	25.05	264	192223	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	169361	110.50	ng	0.00
7) Phenol-d6	7.22	99	212744	96.04	ng	0.00
23) Nitrobenzene-d5	9.25	82	170380	73.92	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	118271	126.17	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	398213	74.31	ng	0.00
79) Terphenyl-d14	20.06	244	965202	116.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	20405	29.049	ng	# 1
3) Pyridine	3.92	79	90873	43.243	ng	98
4) n-Nitrosodimethylamine	3.83	42	46568	50.589	ng	93
6) Aniline	7.40	93	47243	16.698	ng	97
8) 2-Chlorophenol	7.63	128	77343	43.452	ng	99
9) Benzaldehyde	7.21	77	39390	28.082	ng	98
10) Phenol	7.25	94	84033	35.904	ng	92
11) bis(2-Chloroethyl)ether	7.49	93	74509	38.871	ng	99
12) 1,3-Dichlorobenzene	7.95	146	80338	38.617	ng	99
13) 1,4-Dichlorobenzene	8.11	146	81257	37.751	ng	100
14) 1,2-Dichlorobenzene	8.43	146	78134	39.273	ng	99
15) Benzyl Alcohol	8.31	79	75393	41.398	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	166792	38.256	ng	98
17) 2-Methylphenol	8.51	107	66958	41.008	ng	99
18) Hexachloroethane	9.15	117	30161	38.824	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	64633	39.917	ng	93
20) 3+4-Methylphenols	8.84	107	93196	39.525	ng	97
22) Acetophenone	8.90	105	121126	44.119	ng	# 93
24) Nitrobenzene	9.29	77	95123	40.621	ng	98
25) Isophorone	9.81	82	288822	71.305	ng	97
26) 2-Nitrophenol	10.01	139	68593	63.218	ng	97
27) 2,4-Dimethylphenol	10.05	122	133959	85.957	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	153970	66.308	ng	97
29) 2,4-Dichlorophenol	10.53	162	91208	51.270	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	85626	41.002	ng	99
31) Naphthalene	10.94	128	249050	45.562	ng	99
32) Benzoic acid	10.19	122	58122	52.084	ng	94
33) 4-Chloroaniline	11.06	127	9253	3.824	ng	# 93
34) Hexachlorobutadiene	11.20	225	53392	40.867	ng	97
35) Caprolactam	11.84	113	24113m	32.777	ng	
36) 4-Chloro-3-methylphenol	12.16	107	94799	47.961	ng	97
37) 2-Methylnaphthalene	12.54	142	188163	48.337	ng	97
38) 1-Methylnaphthalene	12.76	142	181062	48.564	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	101916	38.787	ng	98

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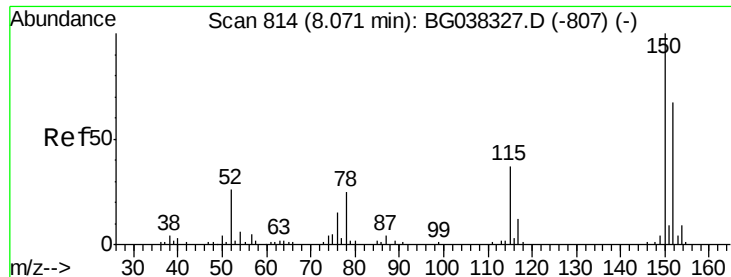
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	130681	90.502	nq	99
43) 2,4,6-Trichlorophenol	13.14	196	75554	44.388	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	84461	46.840	nq	96
46) 1,1'-Biphenyl	13.54	154	248359	38.477	nq	98
47) 2-Chloronaphthalene	13.59	162	194812	39.997	nq	99
48) 2-Nitroaniline	13.80	65	72004	44.064	nq	98
49) Acenaphthylene	14.44	152	335791	45.775	nq	100
50) Dimethylphthalate	14.16	163	279937	45.705	nq	99
51) 2,6-Dinitrotoluene	14.29	165	63824	45.618	nq	95
52) Acenaphthene	14.78	154	190200	42.531	nq	99
53) 3-Nitroaniline	14.63	138	18104	12.015	nq	# 91
54) 2,4-Dinitrophenol	14.83	184	78450	102.289	nq	# 81
55) Dibenzofuran	15.11	168	320838	43.396	nq	98
56) 4-Nitrophenol	14.92	139	92249	77.501	nq	86
57) 2,4-Dinitrotoluene	15.08	165	90758	47.033	nq	# 96
58) Fluorene	15.76	166	261291	47.971	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	77266	49.337	nq	99
60) Diethylphthalate	15.51	149	292813	43.152	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	141135	43.139	nq	98
62) 4-Nitroaniline	15.79	138	64663	43.631	nq	89
63) Azobenzene	16.03	77	258499	43.529	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	55299	44.134	nq	91
66) n-Nitrosodiphenylamine	15.96	169	238987	44.442	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	91969	44.535	nq	98
68) Hexachlorobenzene	16.75	284	94853	44.530	nq	99
69) Atrazine	16.90	200	96811	48.246	nq	98
70) Pentachlorophenol	17.10	266	115724	79.319	nq	95
71) Phenanthrene	17.50	178	454351	47.443	nq	98
72) Anthracene	17.59	178	463914	50.022	nq	100
73) Carbazole	17.86	167	420484	45.681	nq	99
74) Di-n-butylphthalate	18.40	149	506808	47.130	nq	# 98
75) Fluoranthene	19.51	202	816014	72.930	nq	98
77) Benzidine	19.69	184	98324	16.373	nq	98
78) Pyrene	19.87	202	820484	65.895	nq	99
80) Butylbenzylphthalate	20.73	149	343523	68.595	nq	97
81) Benzo(a)anthracene	21.72	228	509444	46.578	nq	100
82) 3,3'-Dichlorobenzidine	21.63	252	68901	16.194	nq	99
83) Chrysene	21.79	228	476820	46.069	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	310323	43.718	nq	98
85) Di-n-octyl phthalate	22.82	149	538614	44.253	nq	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	577866	49.126	nq	# 94
88) Benzo(b)fluoranthene	23.99	252	508901	46.855	nq	99
89) Benzo(k)fluoranthene	24.06	252	481320	44.495	nq	98
90) Benzo(a)pyrene	24.89	252	489430	46.456	nq	98
91) Dibenzo(a,h)anthracene	28.91	278	476734	47.711	nq	98
92) Benzo(g,h,i)perylene	30.04	276	476074	48.022	nq	95

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



#1

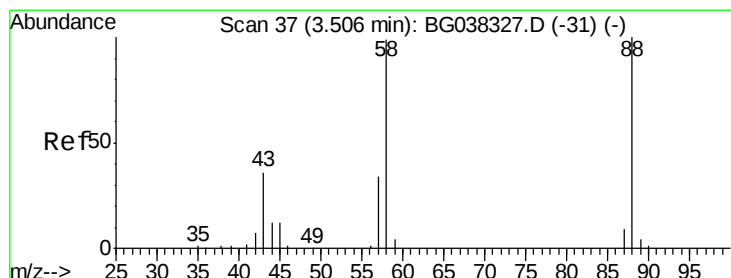
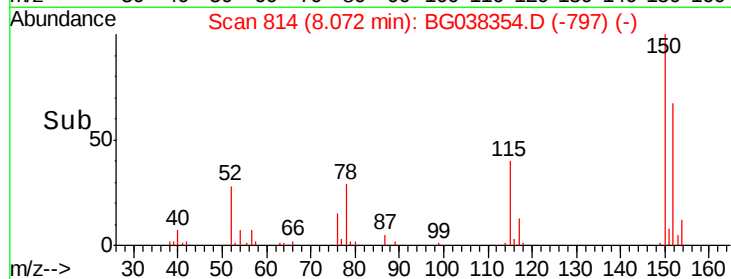
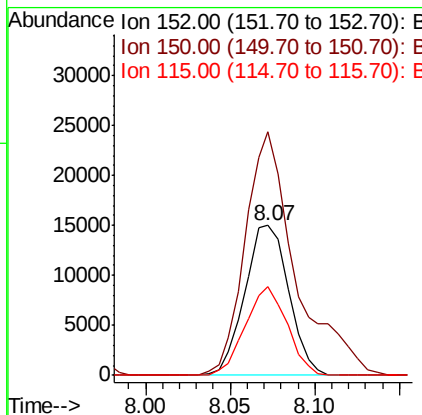
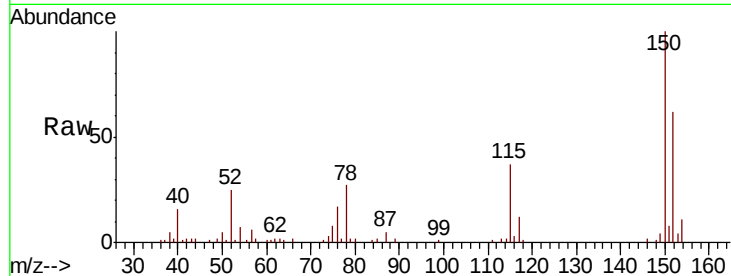
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.0	189.0
115	59.3	45.5	68.3

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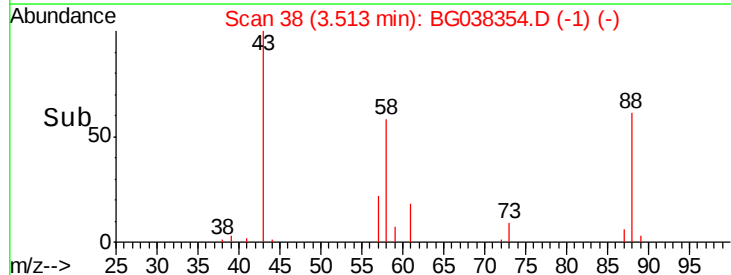
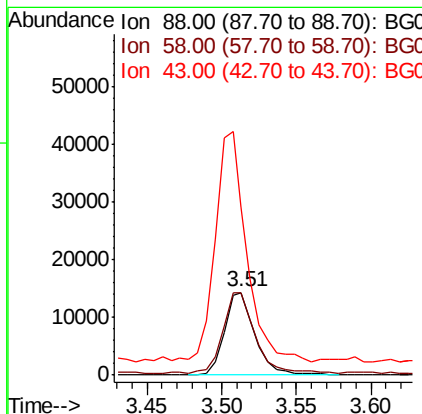
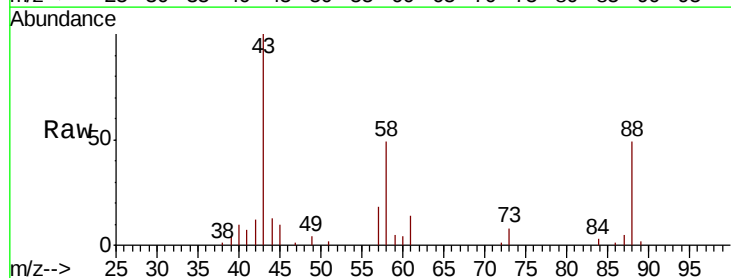
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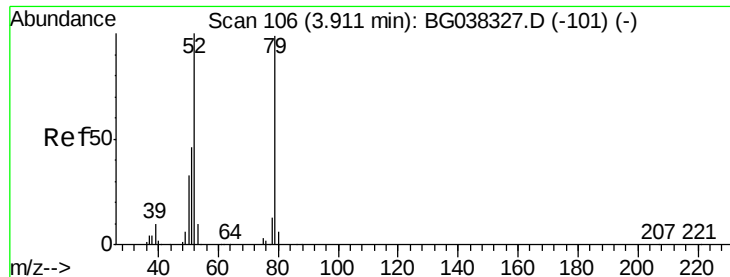


#2

1,4-Dioxane
Concen: 29.049 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.8	74.4	111.6
43	287.6	25.8	38.8#





#3

Pvridine

Concen: 43.243 ng

RT: 3.92 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

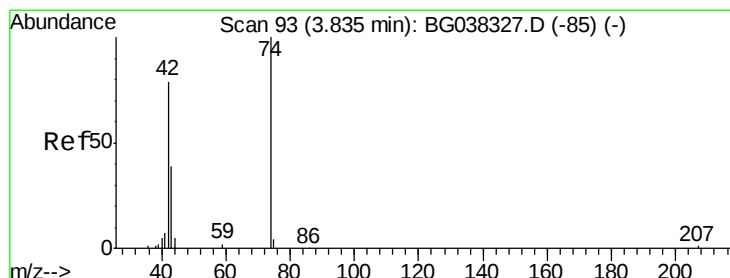
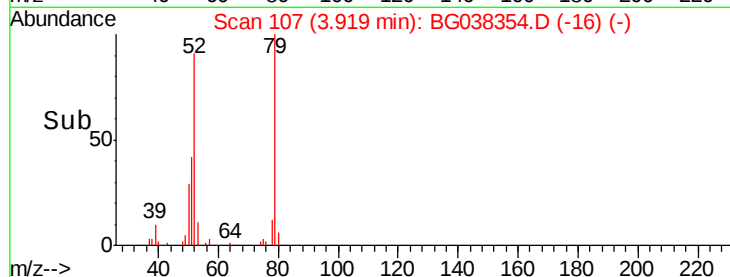
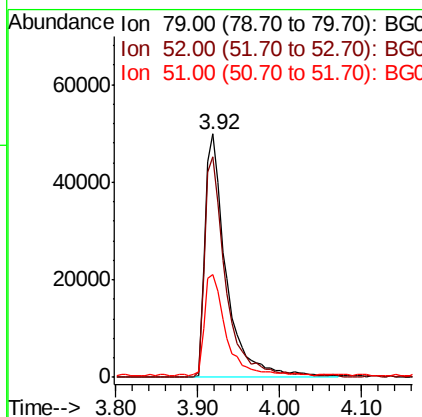
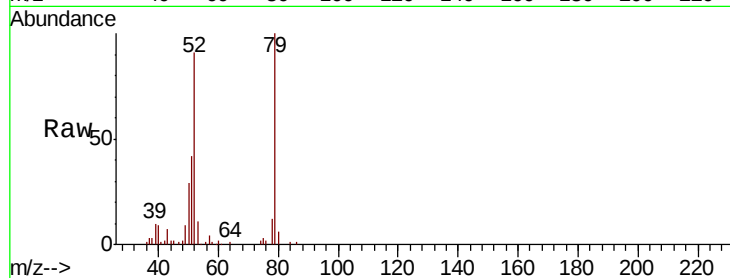
ClientSampleId :

JC-02-113018-AMS

Tot Ion:	79	Resp:	90873
Ion	Ratio	Lower	Upper
79	100		
52	90.8	74.2	111.2
51	42.2	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 50.589 ng

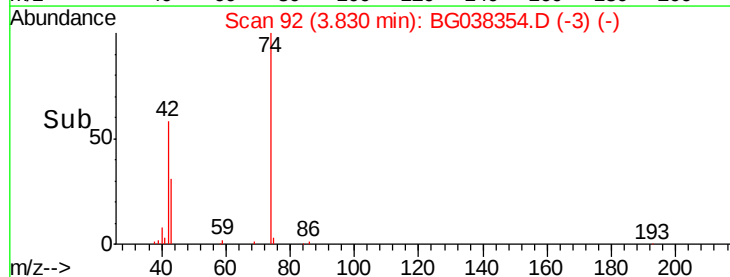
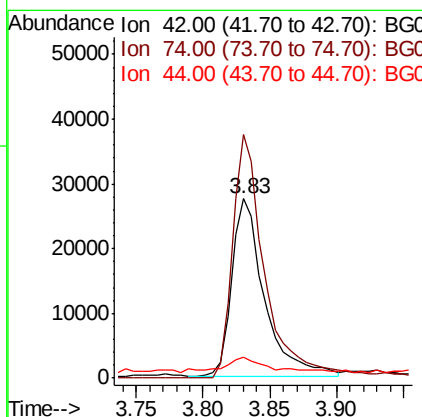
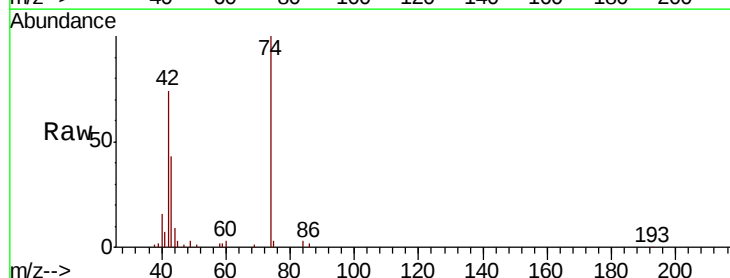
RT: 3.83 min Scan# 92

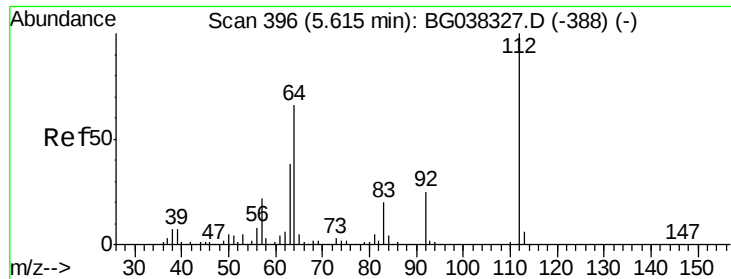
Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	42	Resp:	46568
Ion	Ratio	Lower	Upper
42	100		
74	135.7	102.0	153.0
44	11.7	9.6	14.4





#5

2-Fluorophenol

Concen: 110.504 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

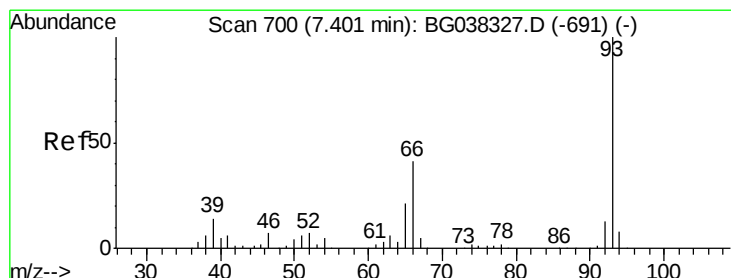
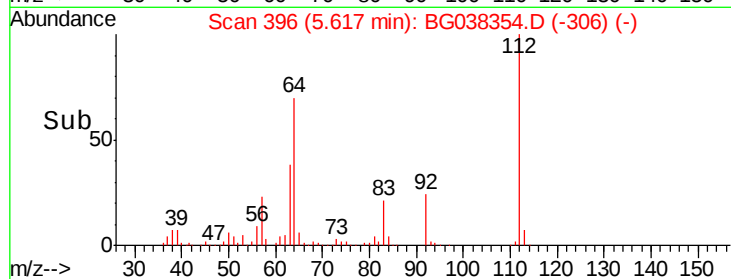
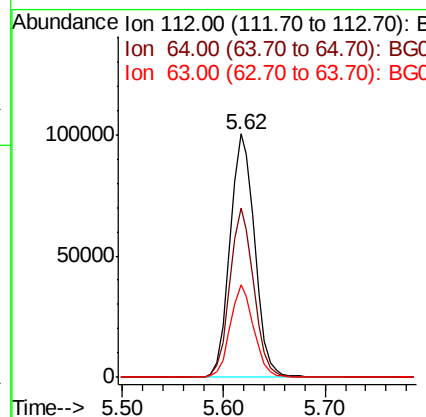
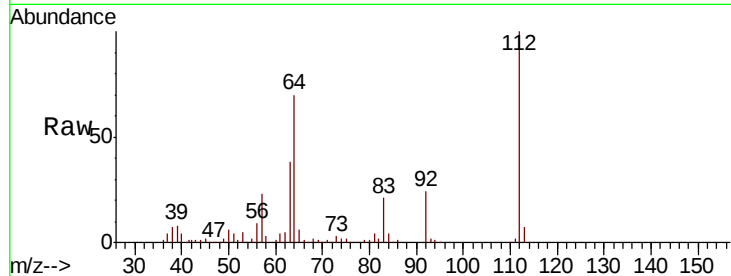
ClientSampleId :

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Tot Ion:	112	Resp:	169361
Ion Ratio	Lower	Upper	
112	100		
64	69.6	53.1	79.7
63	37.8	27.3	40.9

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#6

Aniline

Concen: 16.698 ng

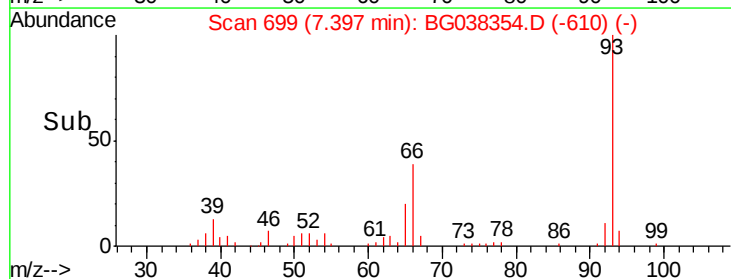
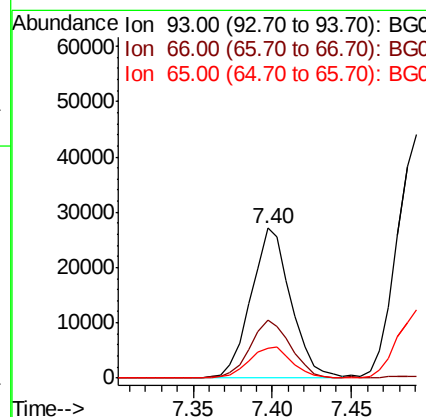
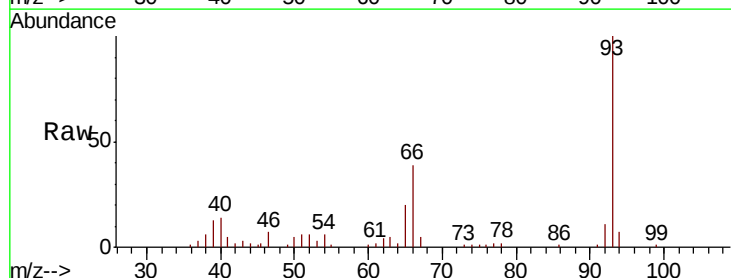
RT: 7.40 min Scan# 699

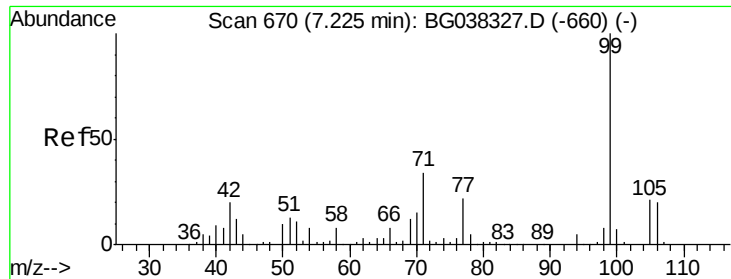
Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	93	Resp:	47243
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.8	49.2
65	19.9	16.4	24.6





#7

Phenol-d6

Concen: 96.040 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

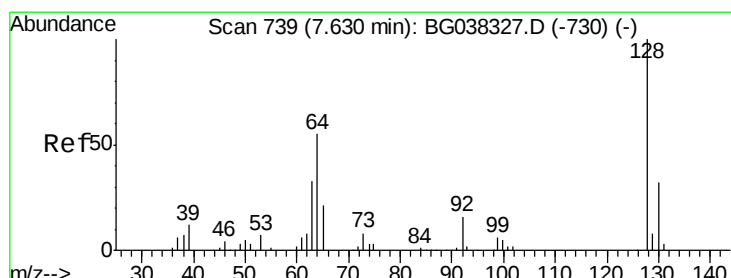
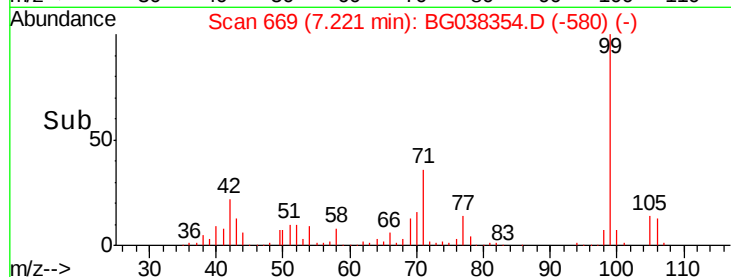
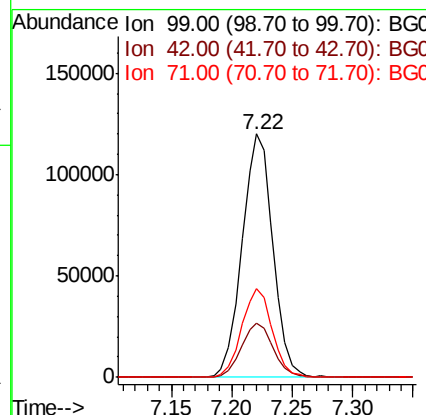
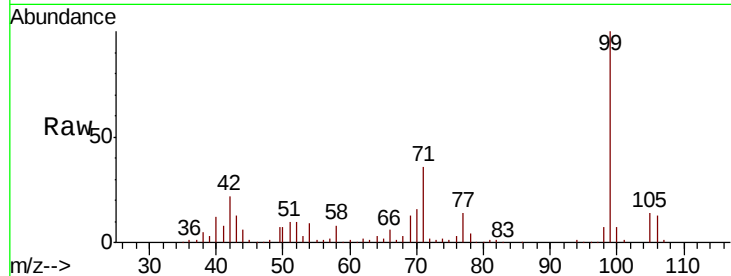
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Tot Ion:	99	Resp:	212744
Ion Ratio	Lower	Upper	
99	100		
42	22.2	15.0	22.4
71	36.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 43.452 ng

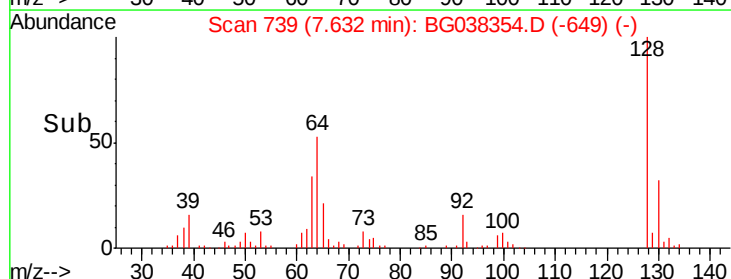
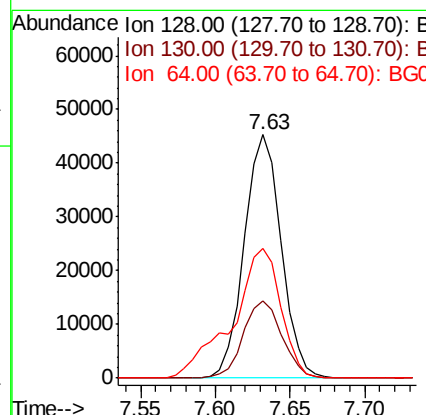
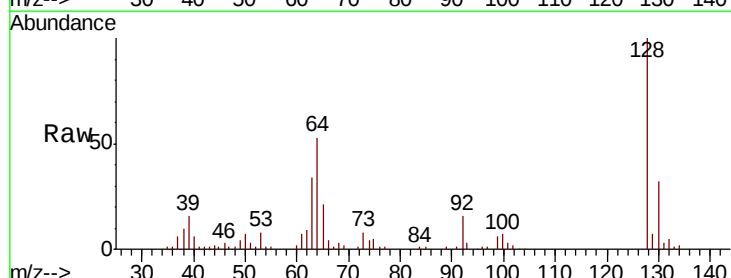
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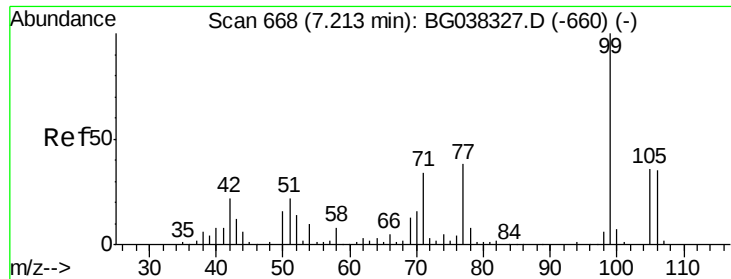
Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	128	Resp:	77343
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.0	52.0
64	53.3	32.9	72.9





#9

Benzaldehyde

Concen: 28.082 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

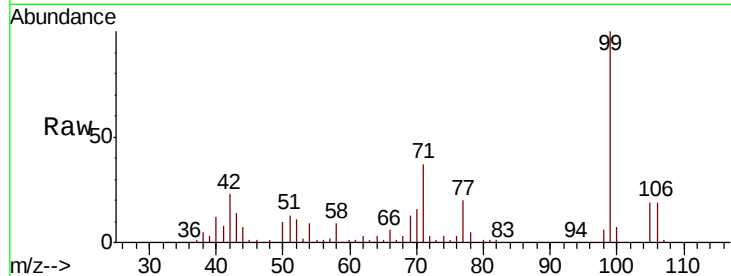
ClientSampleId :

JC-02-113018-AMS

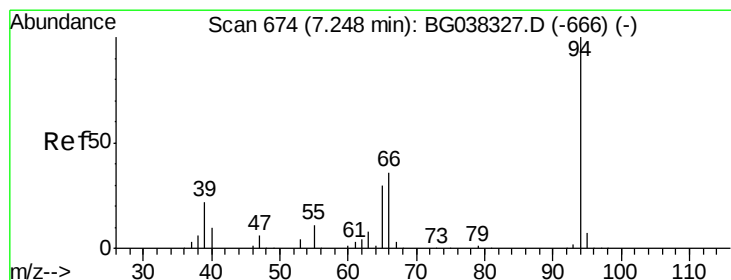
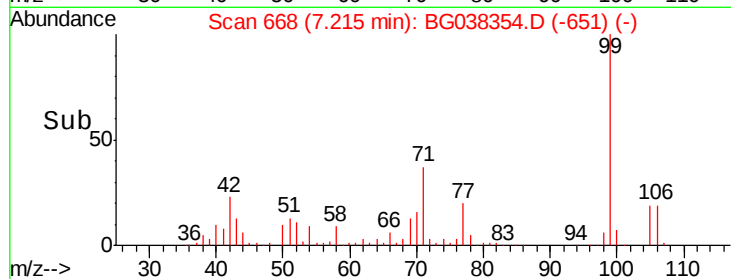
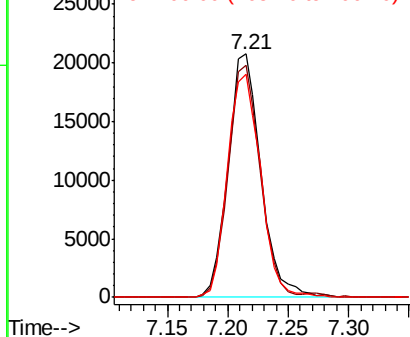
Tot Ion:	77	Resp:	39390
Ion	Ratio	Lower	Upper
77	100		
105	95.3	72.6	112.6
106	91.7	71.3	111.3

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.904 ng

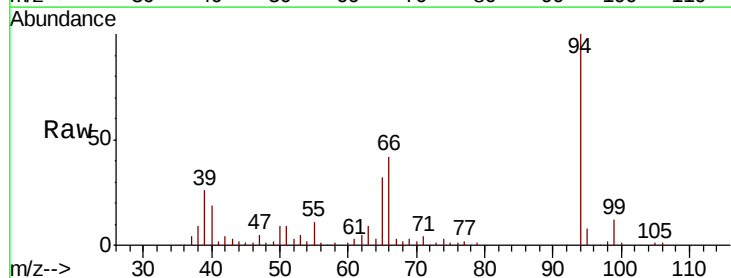
RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

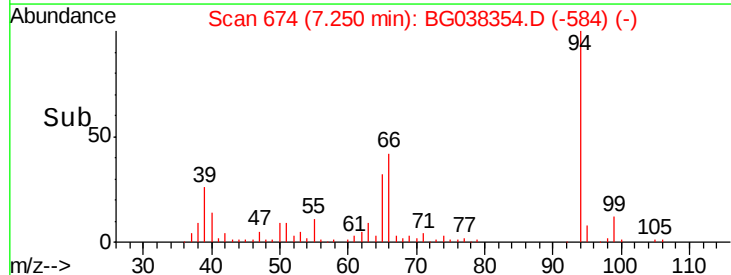
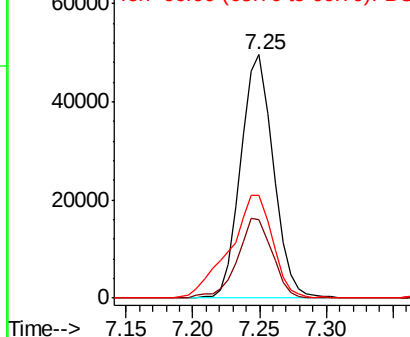
Lab File: BG038354.D

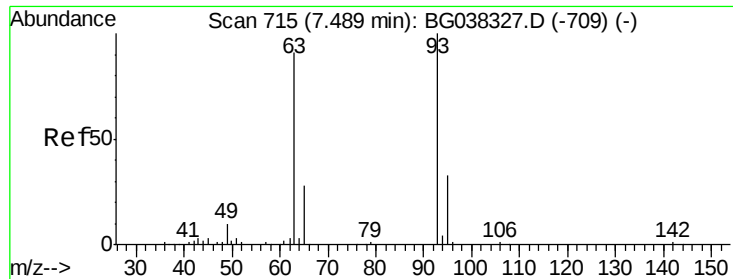
Acq: 5 Dec 2018 11:03

Tgt Ion:	94	Resp:	84033
Ion	Ratio	Lower	Upper
94	100		
65	32.3	9.7	49.7
66	42.0	15.9	55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.871 ng

RT: 7.49 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

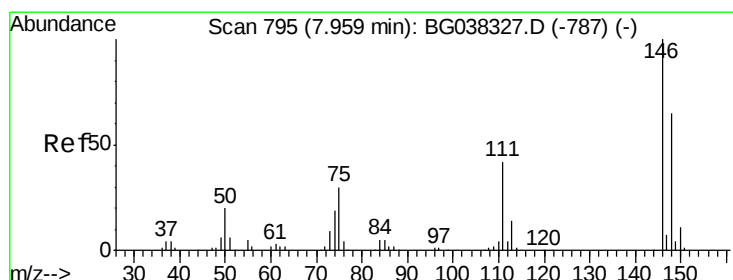
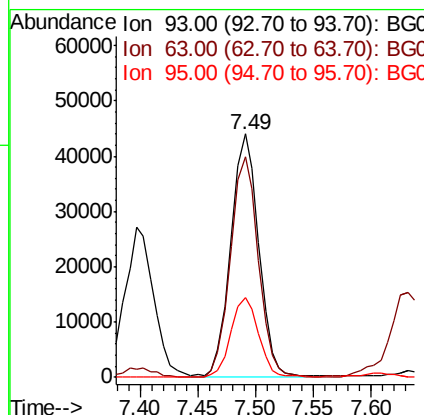
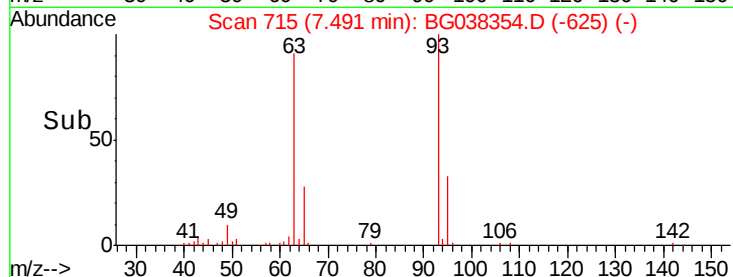
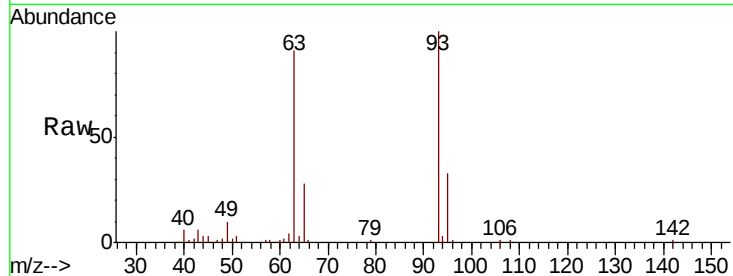
ClientSampleId :

JC-02-113018-AMS

Tot Ion:	93	Resp:	74509
Ion	Ratio	Lower	Upper
93	100		
63	90.8	69.5	109.5
95	32.9	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 38.617 ng

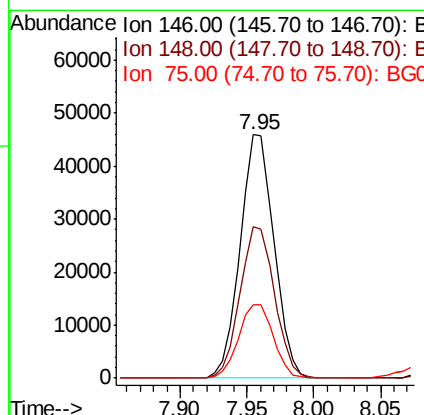
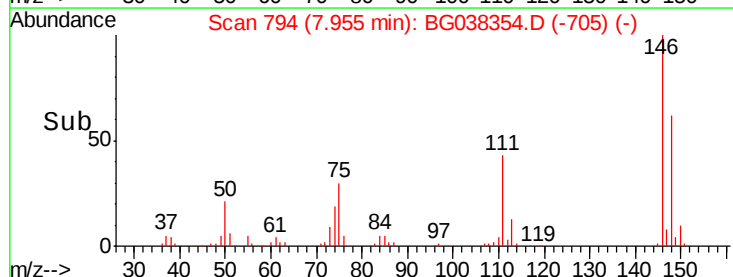
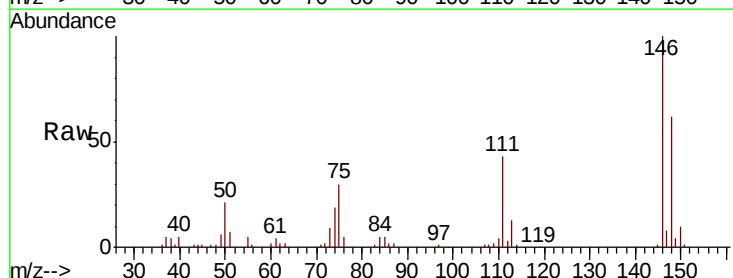
RT: 7.95 min Scan# 794

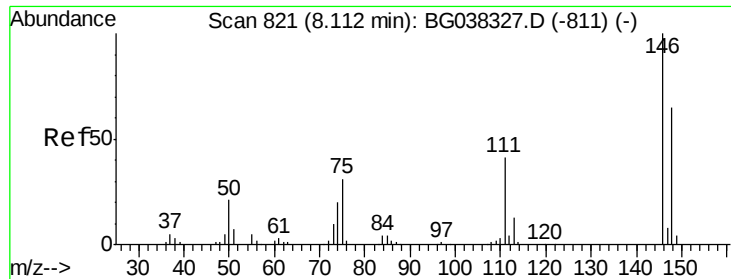
Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	146	Resp:	80338
Ion	Ratio	Lower	Upper
146	100		
148	62.0	49.8	74.8
75	30.2	23.2	34.8





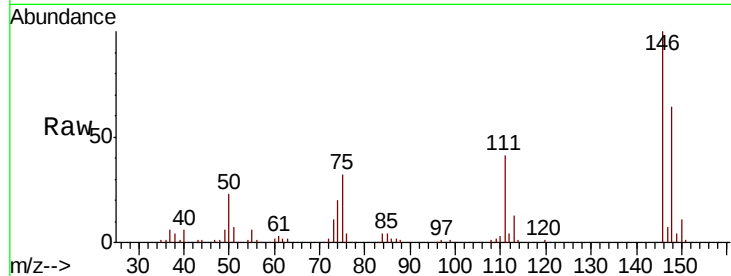
#13
 1,4-Dichlorobenzene
 Concen: 37.751 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.0	76.6
111	40.7	32.4	48.6

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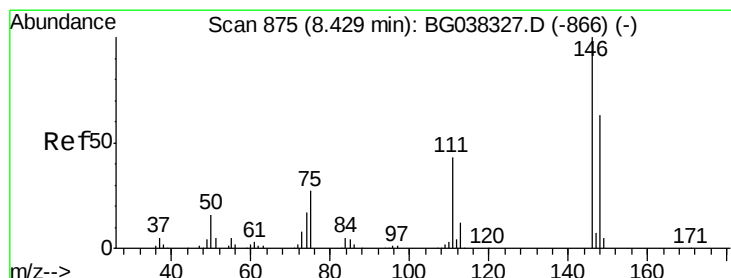
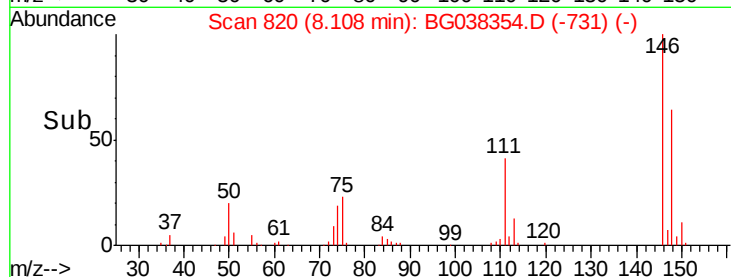
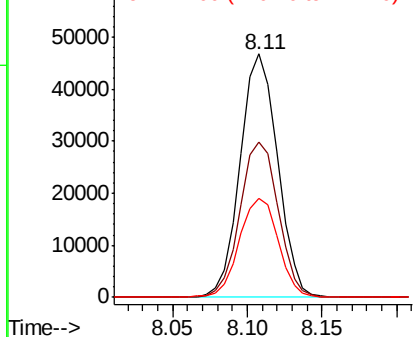


Abundance

Ion 146.00 (145.70 to 146.70): E

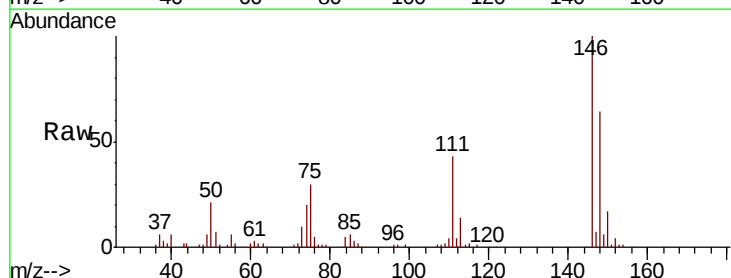
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.273 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	43.3	34.6	51.8

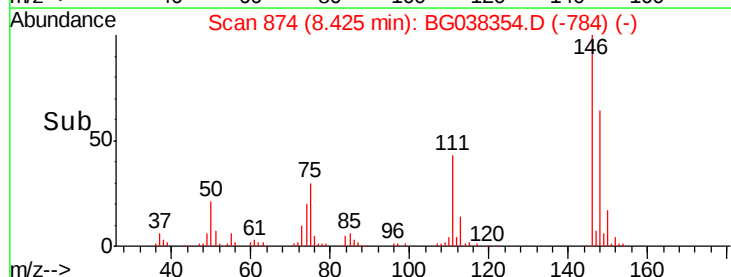
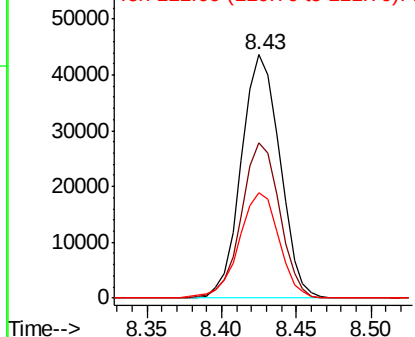


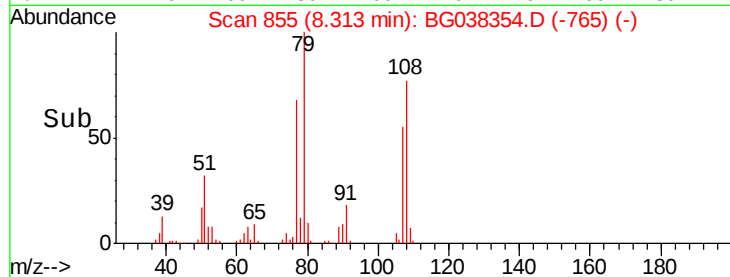
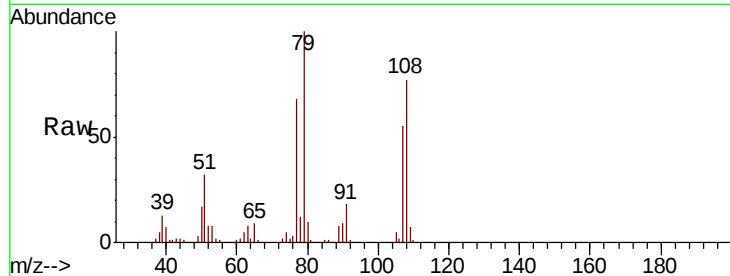
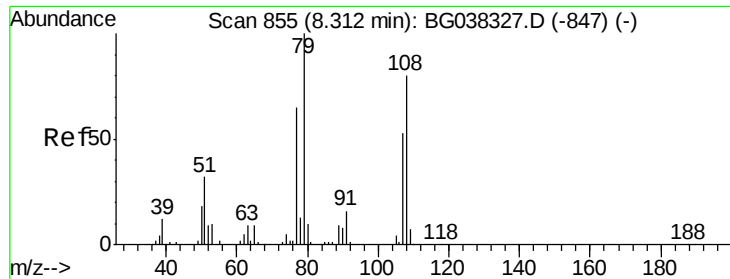
Abundance

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: 41.398 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tot Ion:	79	Resp:	75393
Ion	Ratio	Lower	Upper
79	100		
108	76.9	65.8	98.8
77	68.3	52.9	79.3

Instrument :

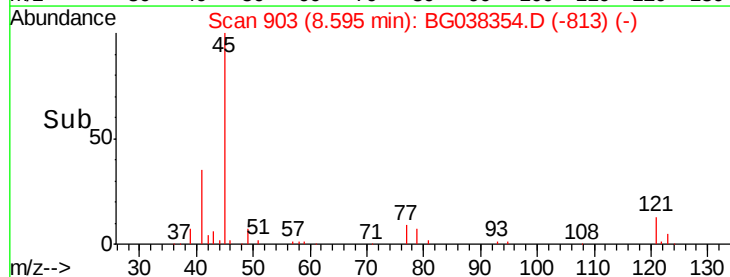
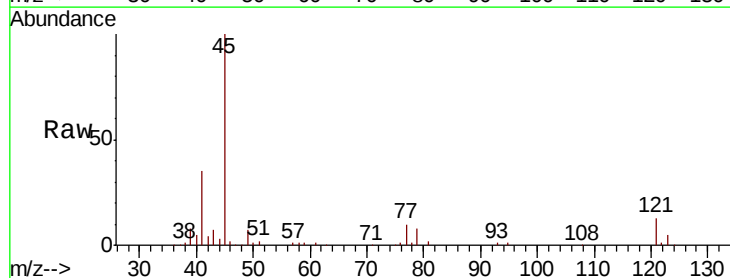
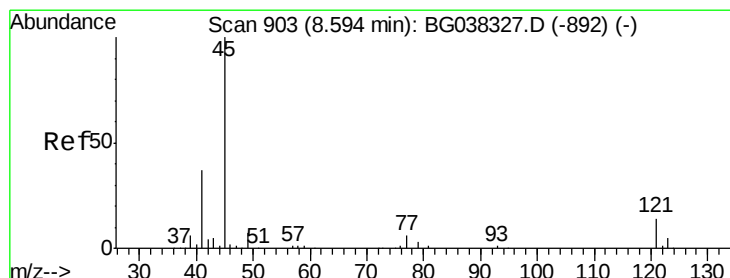
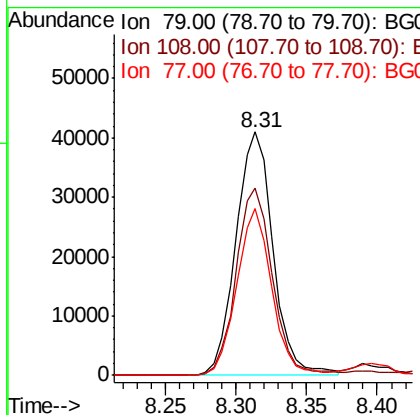
BNA_G

ClientSampleId :

JC-02-113018-AMS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.256 ng

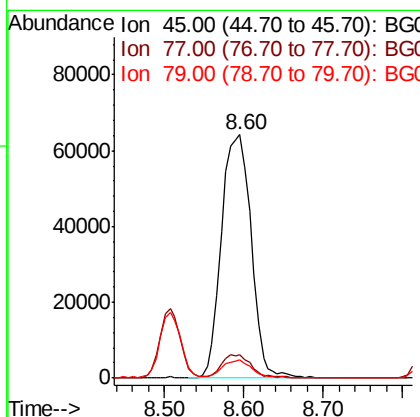
RT: 8.60 min Scan# 903

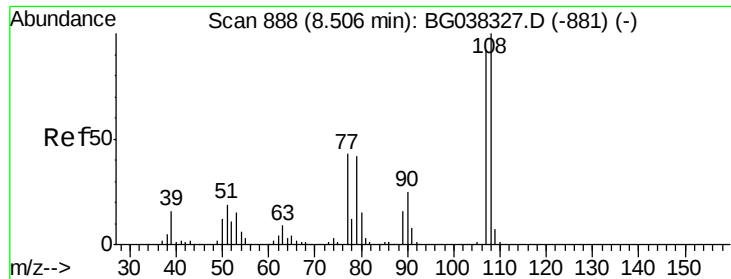
Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	45	Resp:	166792
Ion	Ratio	Lower	Upper
45	100		
77	9.5	0.0	30.0
79	7.8	0.0	29.0





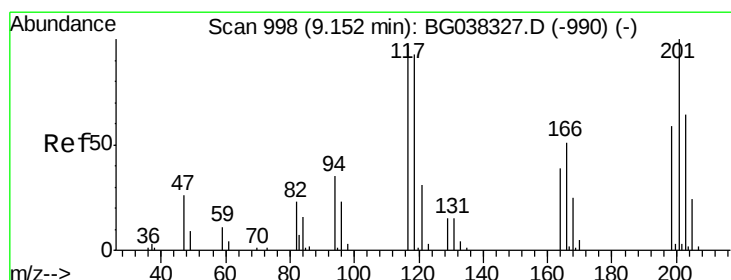
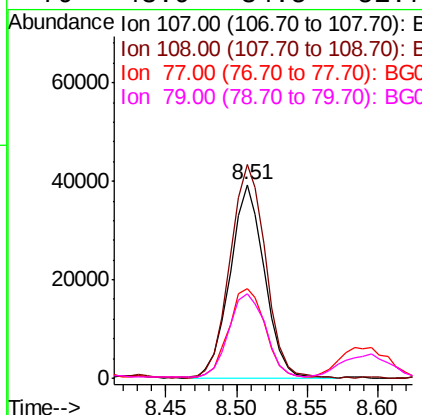
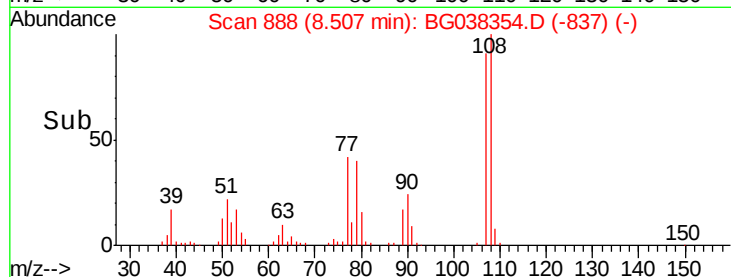
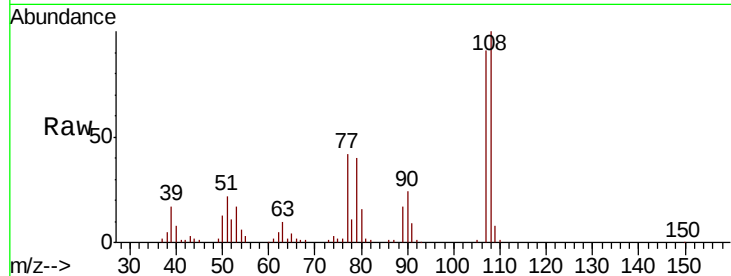
#17
2-Methylphenol
Concen: 41.008 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion:	107	Resp:	66958
Ion Ratio	Lower	Upper	
107	100		
108	110.1	87.9	131.9
77	46.5	35.1	52.7
79	43.9	34.5	51.7

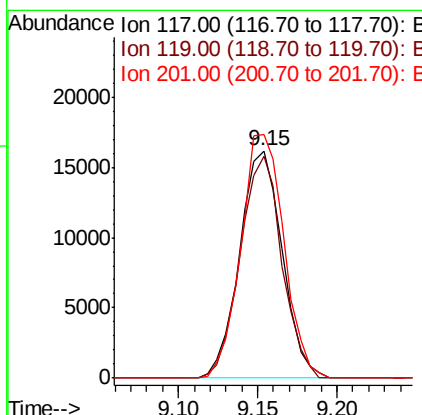
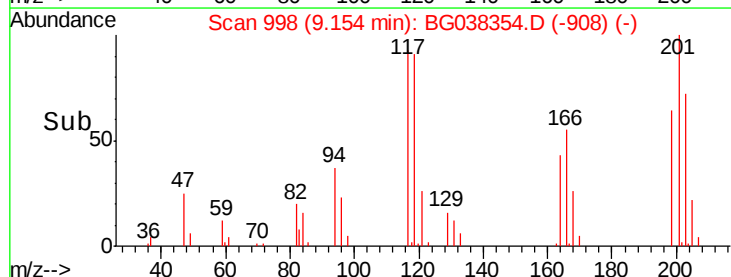
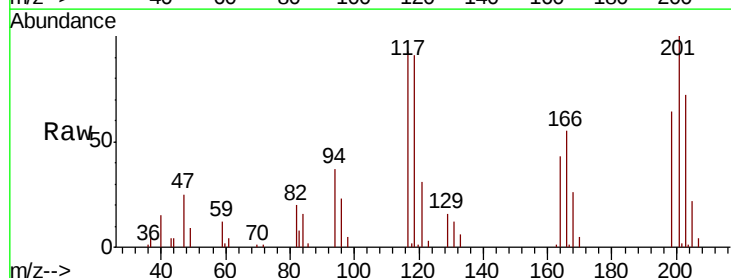
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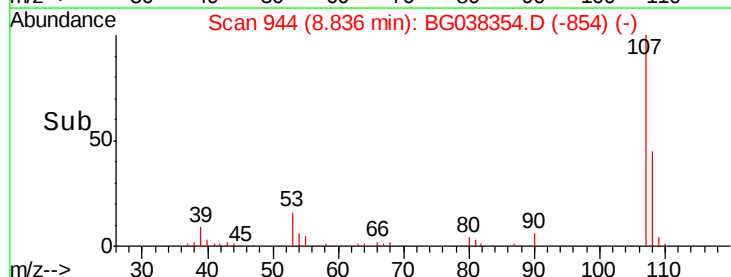
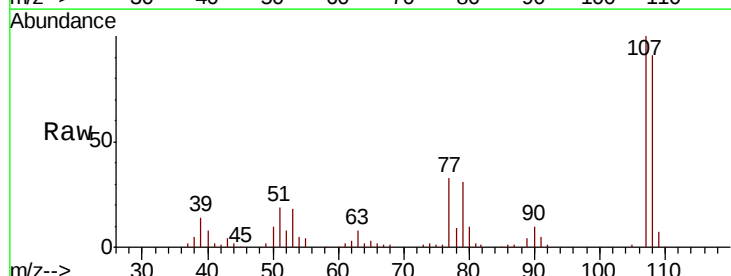
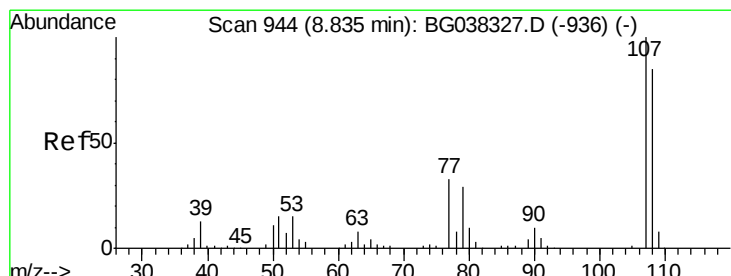
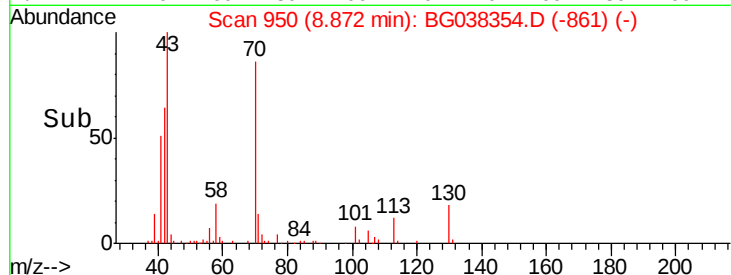
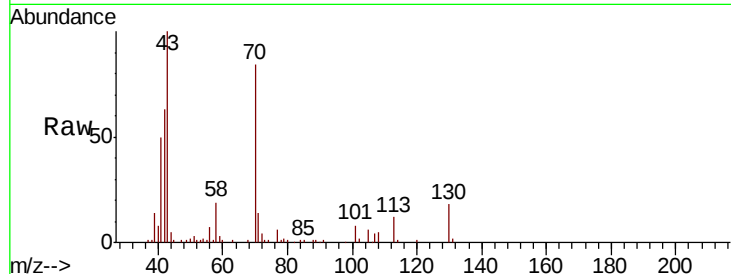
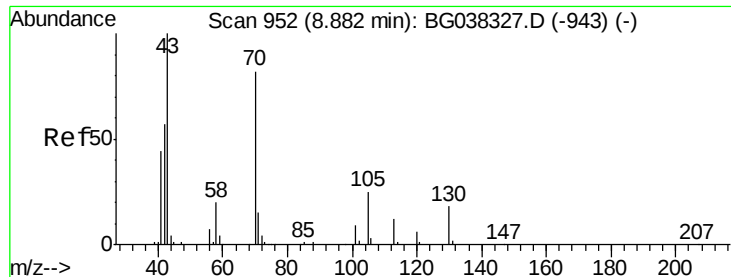
mohammad
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#18
Hexachloroethane
Concen: 38.824 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

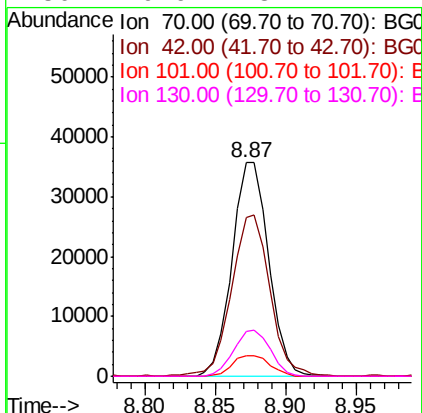
Tgt Ion:	117	Resp:	30161
Ion Ratio	Lower	Upper	
117	100		
119	97.8	74.6	111.8
201	107.1	80.8	121.2





#19
n-Nitroso-di-n-propylamine
Concen: 39.917 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.4	53.9	80.9	
101	9.7	8.2	12.2	
130	20.9	18.2	27.4	



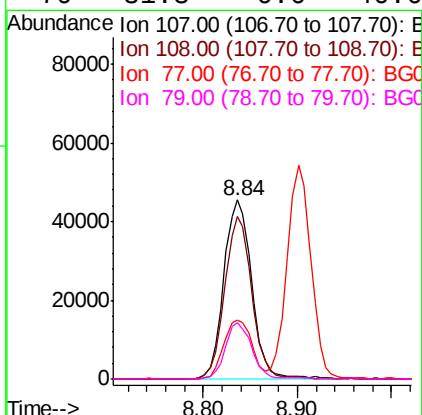
Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

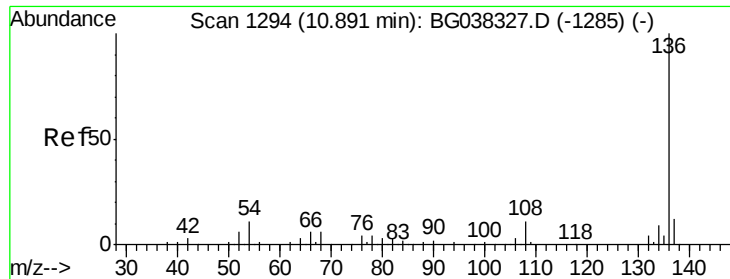
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#20
3+4-Methylphenols
Concen: 39.525 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.9	69.9	109.9	
77	33.0	11.2	51.2	
79	31.3	6.6	46.6	





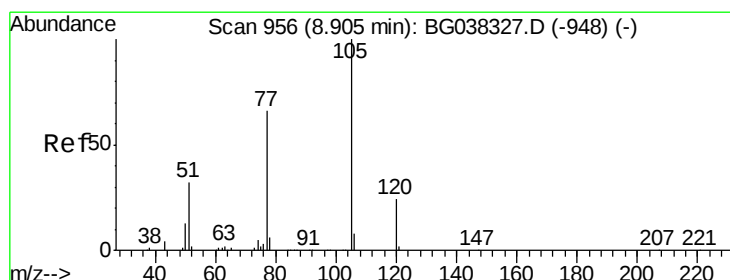
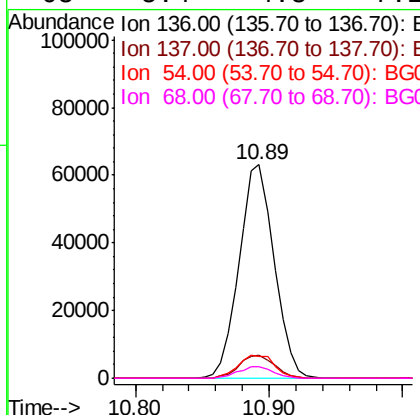
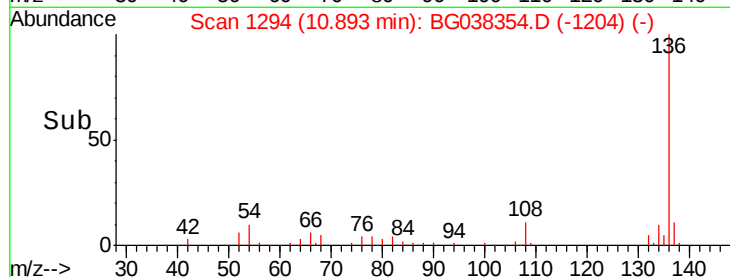
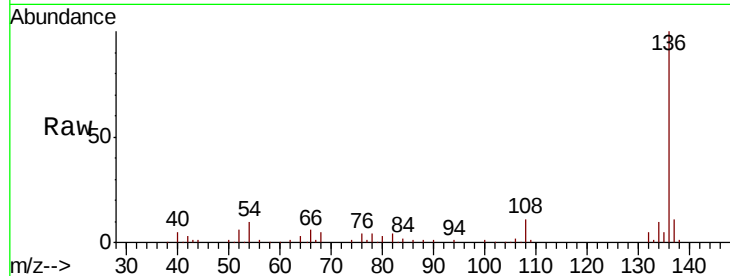
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	114432		
137	10.7		9.6	14.4
54	10.5		7.9	11.9
68	5.4		4.8	7.2

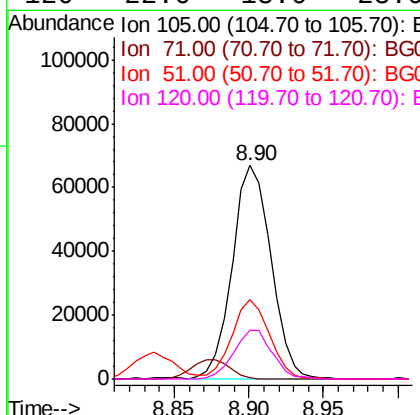
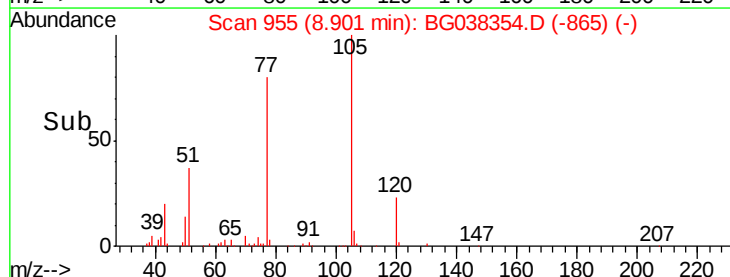
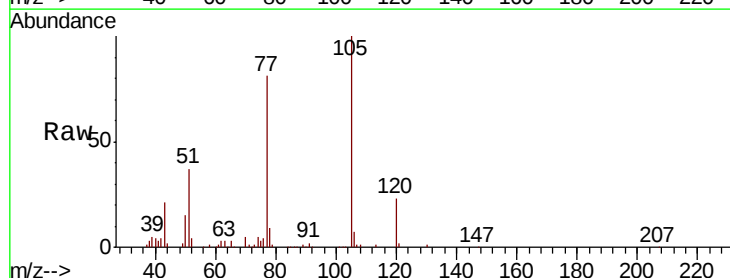
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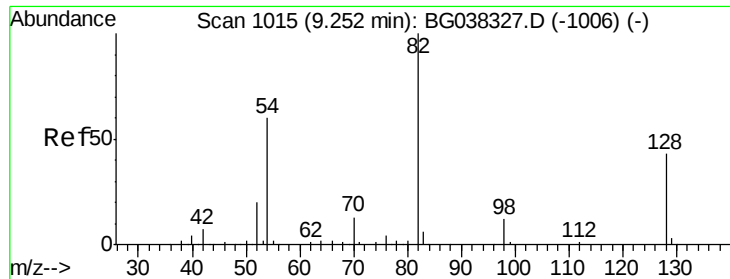
mohammad
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#22
Acetophenone
Concen: 44.119 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	121126		
71	0.9		1.2	1.8#
51	37.2		25.0	37.6
120	22.6		18.6	28.0





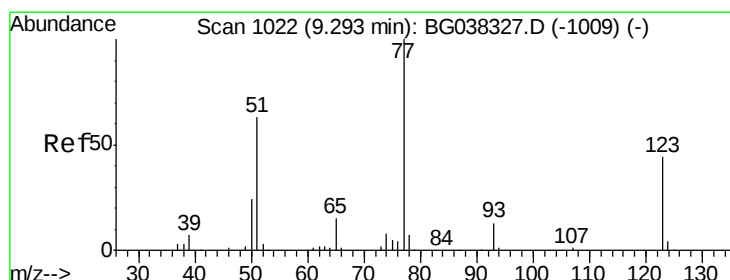
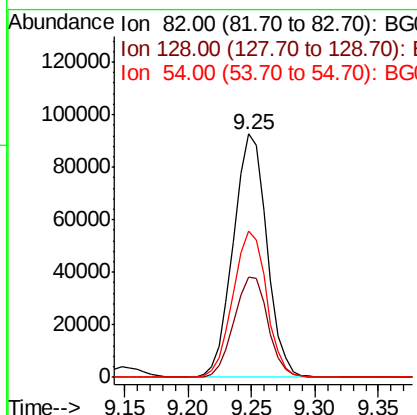
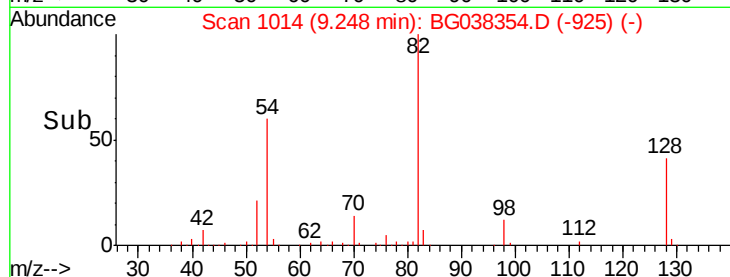
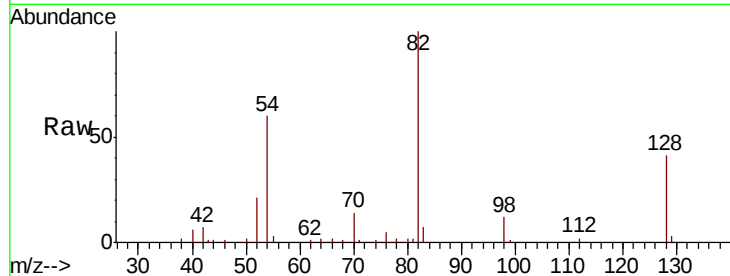
#23
 Nitrobenzene-d5
 Concen: 73.922 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion:	82	Resp:	170380
Ion Ratio	Lower	Upper	
82	100		
128	41.2	34.6	51.8
54	60.0	45.3	67.9

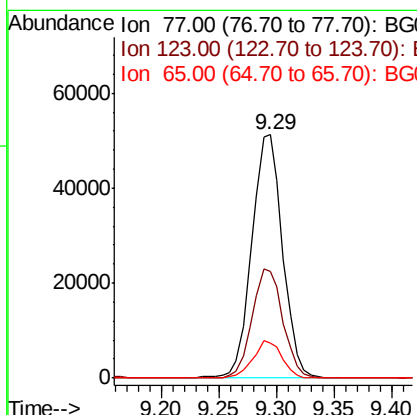
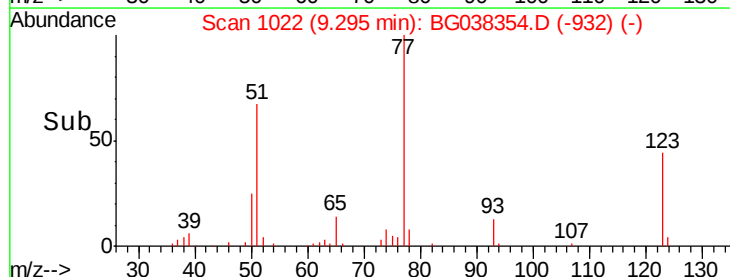
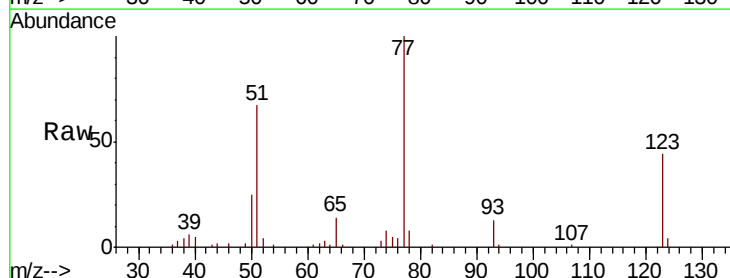
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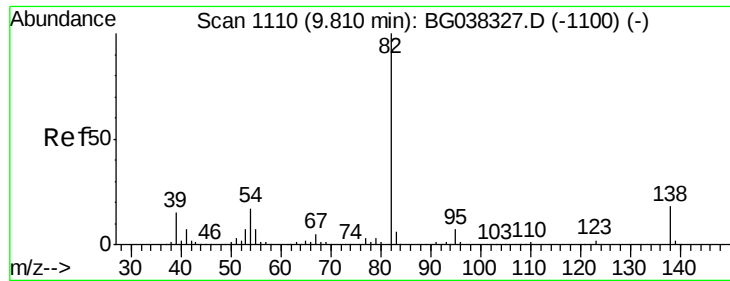
mohammad
 12/6/2018 10:33:25 AM



#24
 Nitrobenzene
 Concen: 40.621 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:	77	Resp:	95123
Ion Ratio	Lower	Upper	
77	100		
123	43.6	33.6	50.4
65	14.2	11.3	16.9





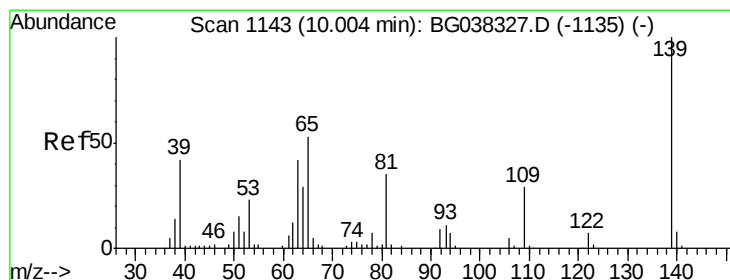
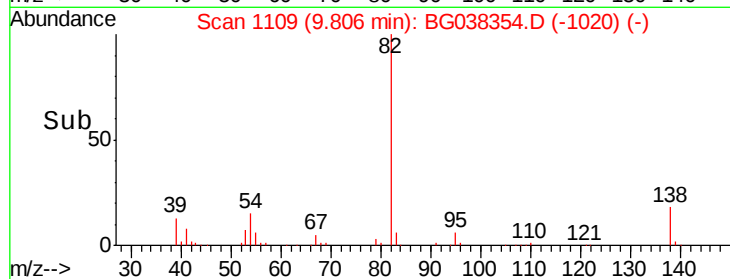
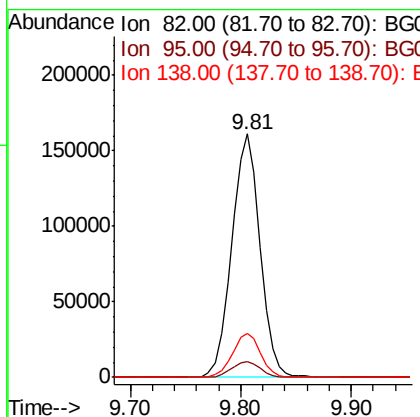
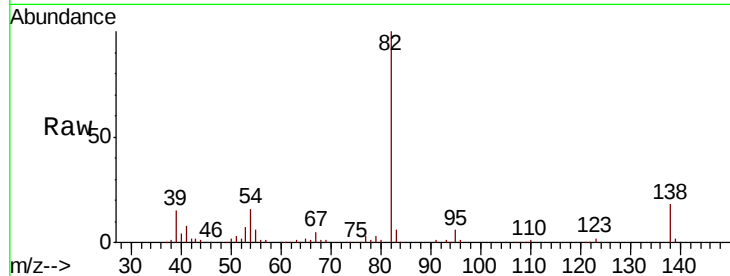
#25
Isophorone
Concen: 71.305 ng
RT: 9.81 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	288822		
95	6.4	5.3	7.9	
138	18.0	13.3	19.9	

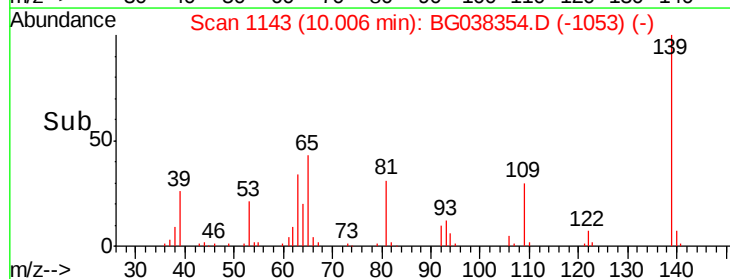
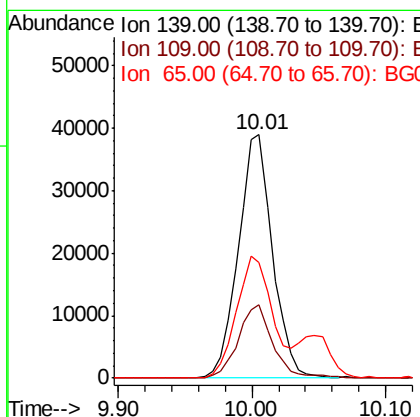
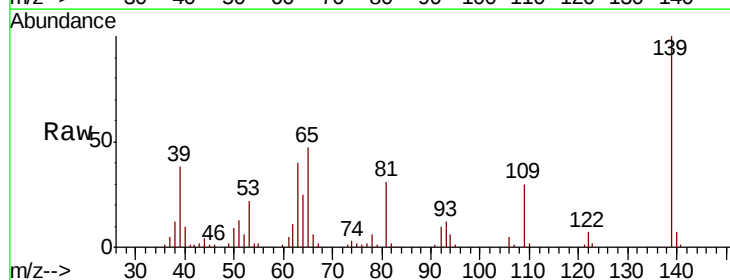
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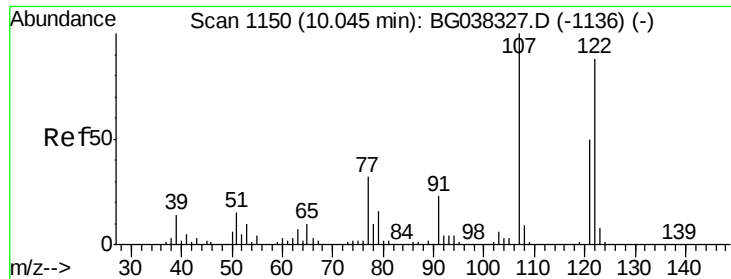
mohammad
12/6/2018 10:33:25 AM



#26
2-Nitrophenol
Concen: 63.218 ng
RT: 10.01 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	68593		
109	30.3	23.3	34.9	
65	47.2	39.8	59.8	





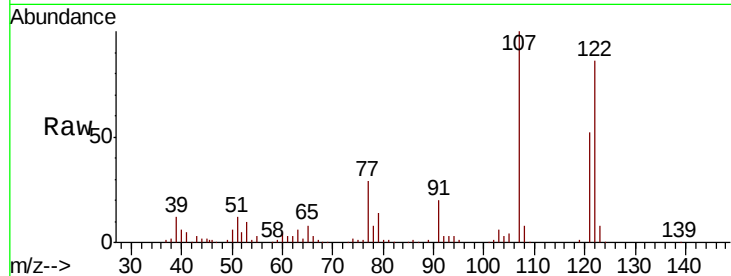
#27
2,4-Dimethylphenol
Concen: 85.957 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	133959		
107	116.4	94.2	141.2	
121	61.0	47.3	70.9	

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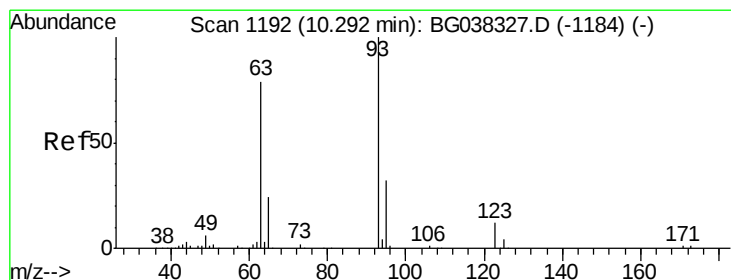
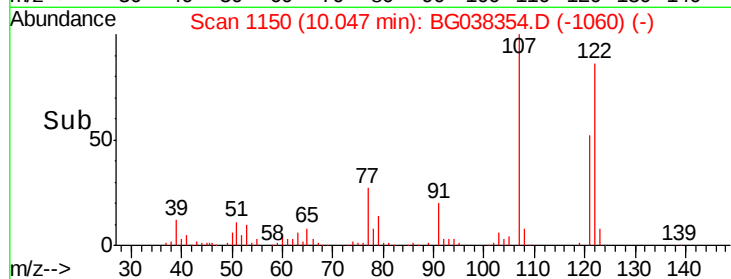
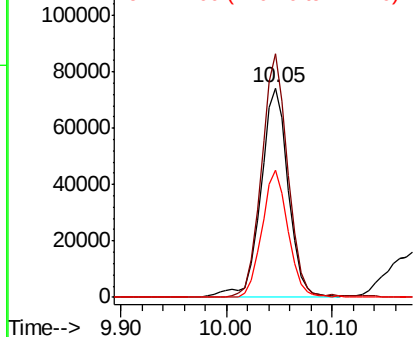


Abundance

Ion 122.00 (121.70 to 122.70): E

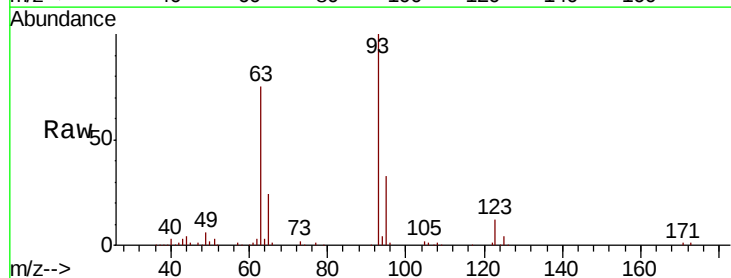
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 66.308 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	153970		
95	33.2	24.6	37.0	
123	11.8	9.1	13.7	

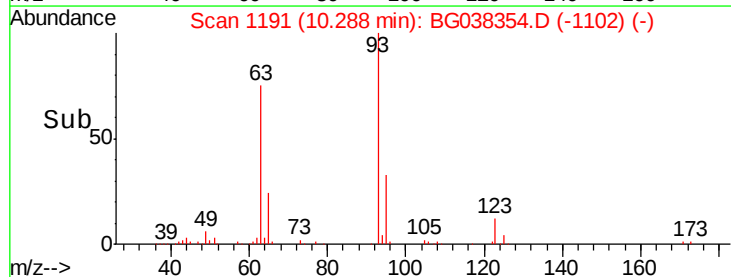
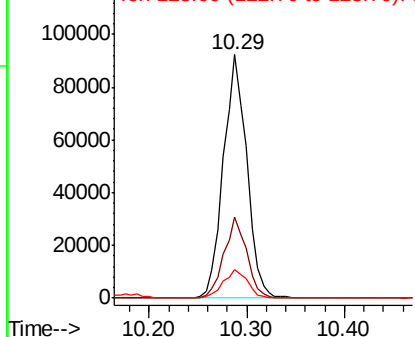


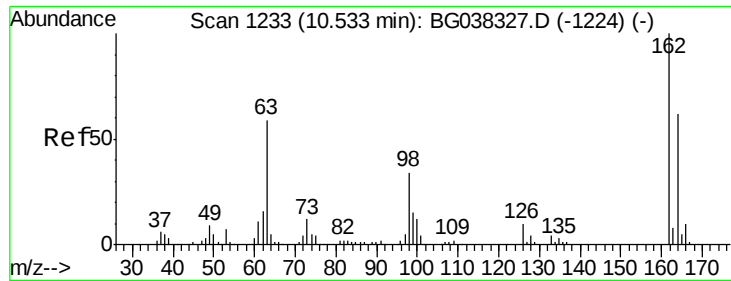
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





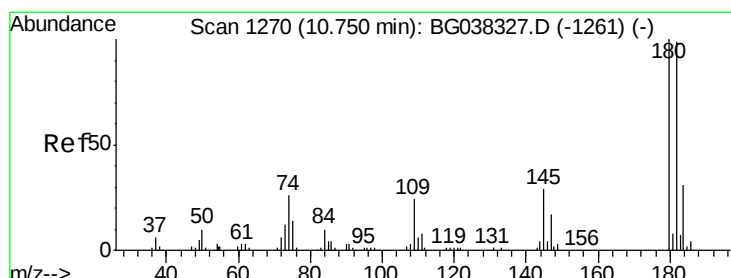
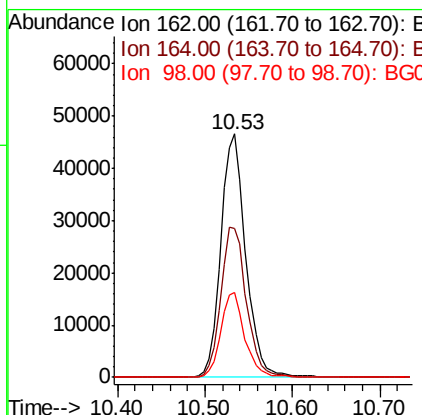
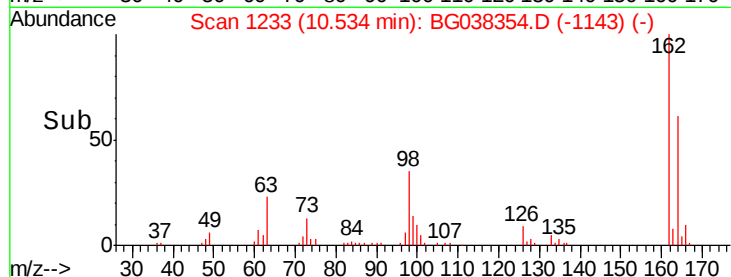
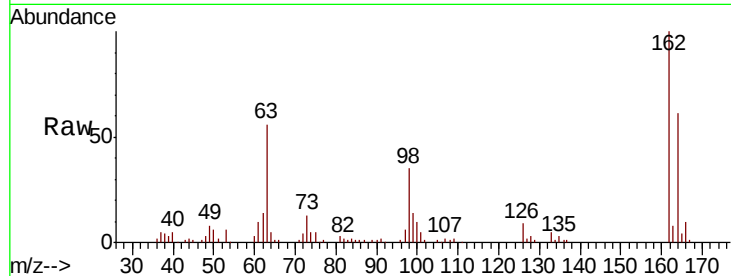
#29
 2,4-Dichlorophenol
 Concen: 51.270 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	61.0	43.2	83.2	
98	34.9	16.0	56.0	

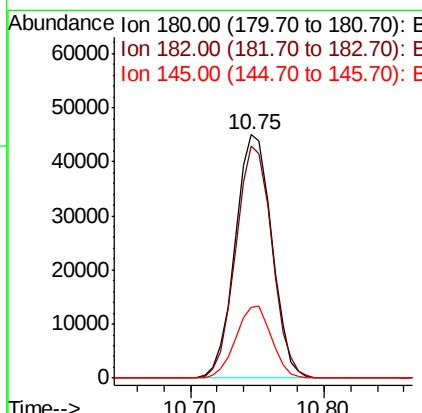
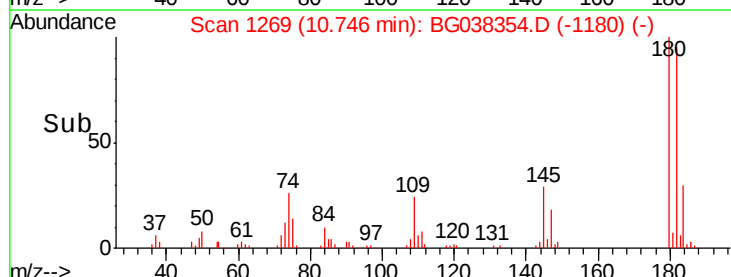
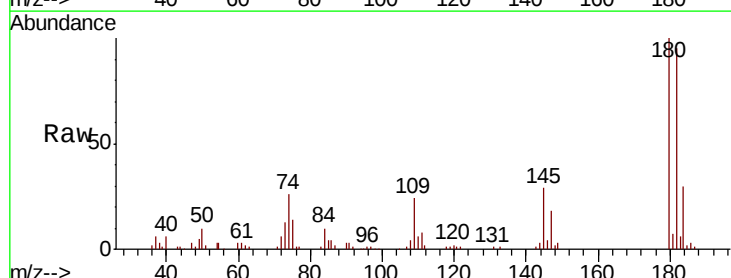
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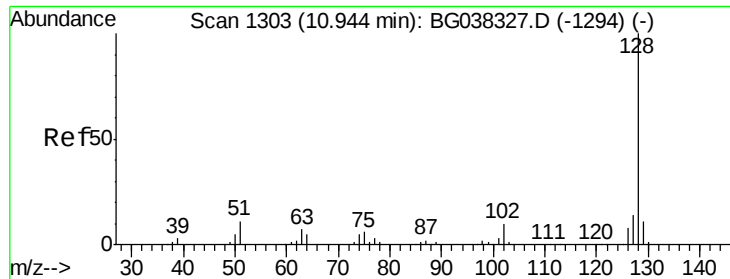
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.002 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.2	77.7	116.5	
145	29.1	23.3	34.9	





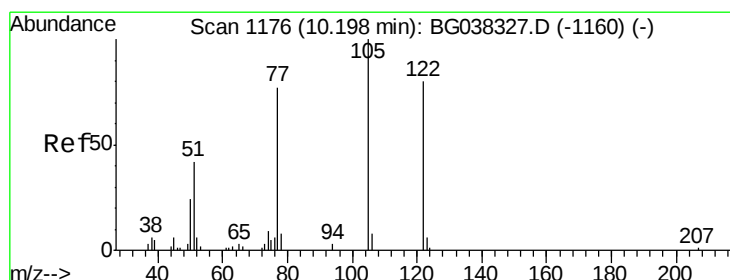
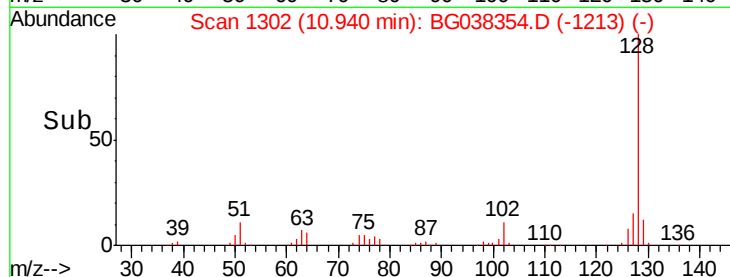
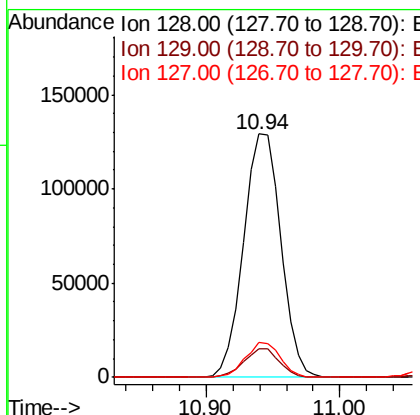
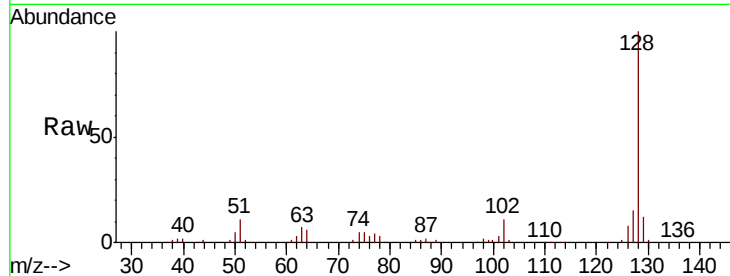
#31
Naphthalene
Concen: 45.562 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	14.6	11.1	16.7

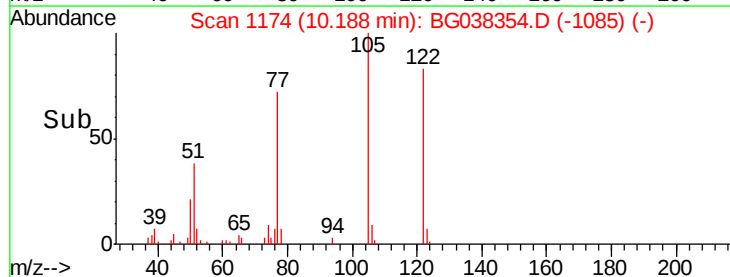
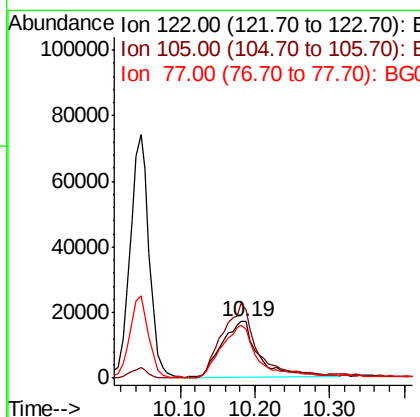
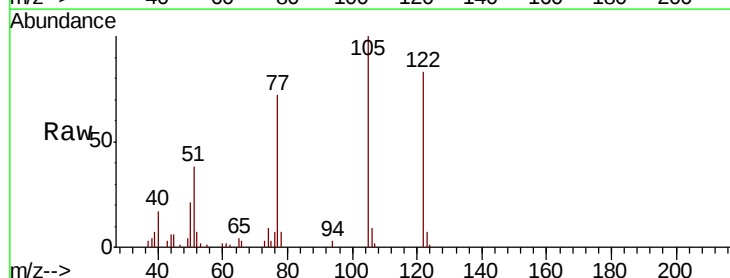
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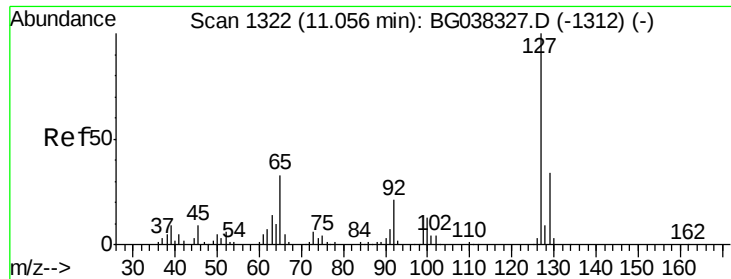
mohammad
12/6/2018 10:33:25 AM



#32
Benzoic acid
Concen: 52.084 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	106.7	146.7
77	86.7	72.2	112.2





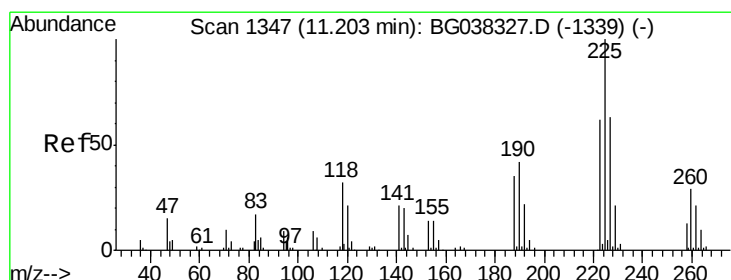
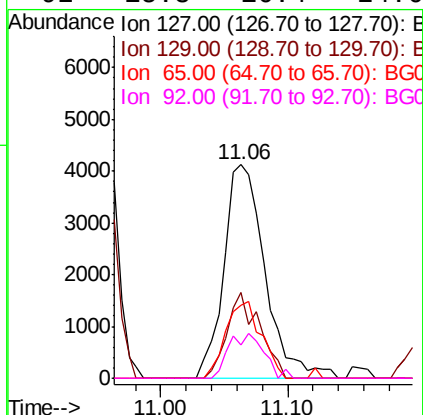
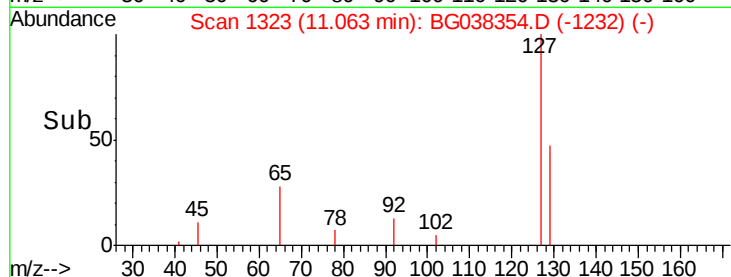
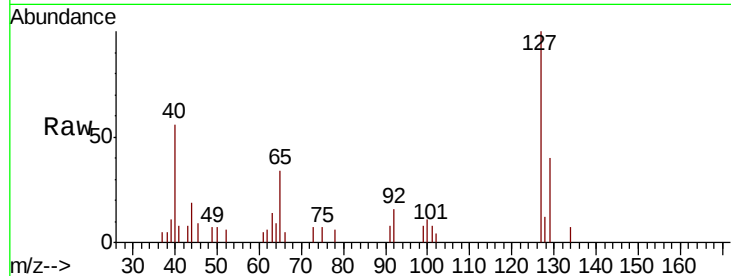
#33
4-Chloroaniline
Concen: 3.824 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	40.0	27.1	40.7		
65	34.4	26.6	39.8		
92	15.8	16.4	24.6		

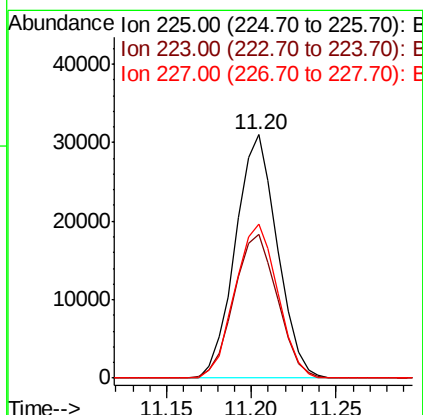
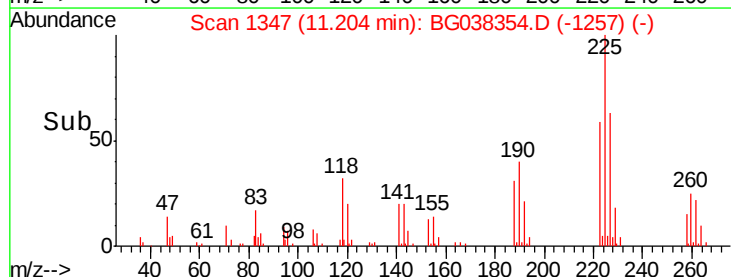
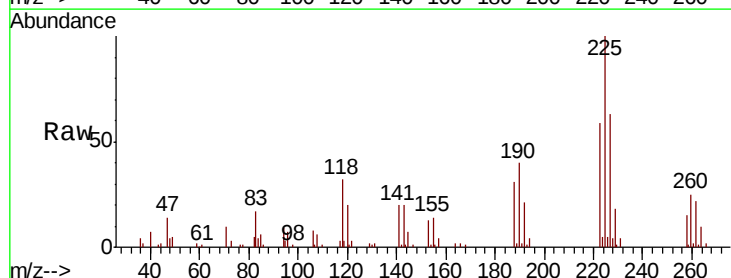
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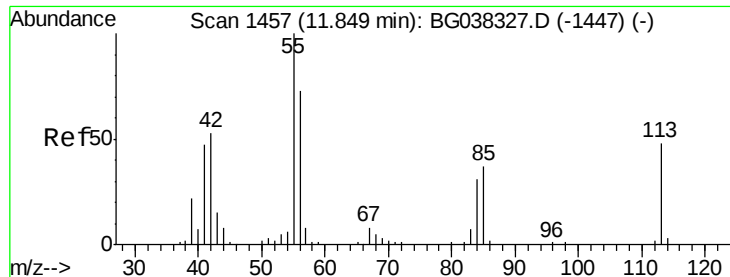
mohammad
12/6/2018 10:33:25 AM



#34
Hexachlorobutadiene
Concen: 40.867 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	56.1	48.2	72.4		
227	63.7	51.6	77.4		





#35

Caprolactam

Concen: 32.777 ng/mL

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleID :

JC-02-113018-AMS

Tot Ion:113 Resp: 24113

Ion Ratio Lower Upper

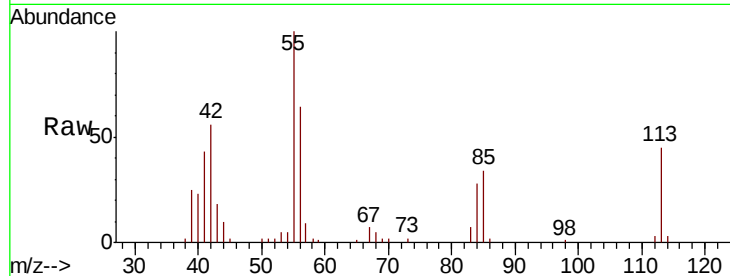
113 100

55 223.6 176.6 216.6#

56 143.4 128.3 168.3

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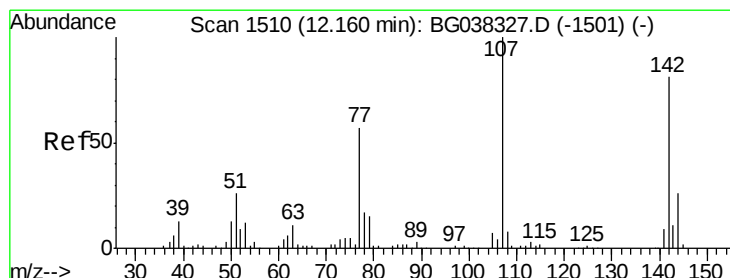
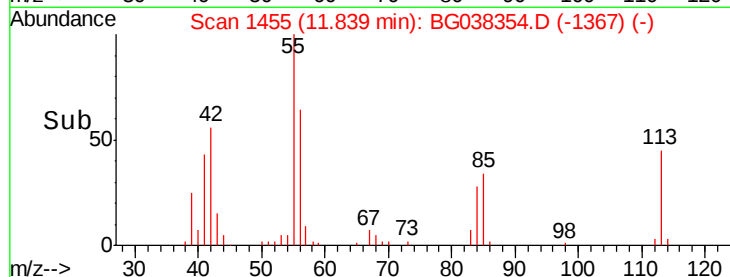
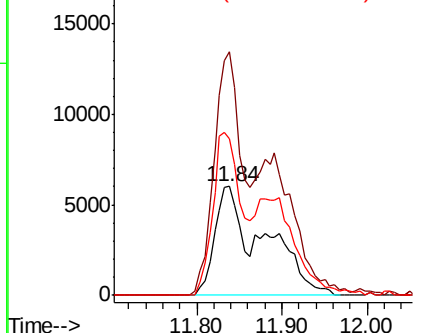
mohammad
12/6/2018 10:33:25 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038327.D (-1447) (-)

Ion 56.00 (55.70 to 56.70): BG038327.D (-1447) (-)



#36

4-Chloro-3-methylphenol

Concen: 47.961 ng/mL

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

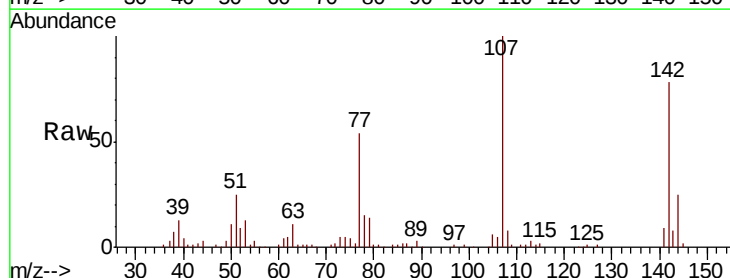
Tgt Ion:107 Resp: 94799

Ion Ratio Lower Upper

107 100

144 24.8 20.7 31.1

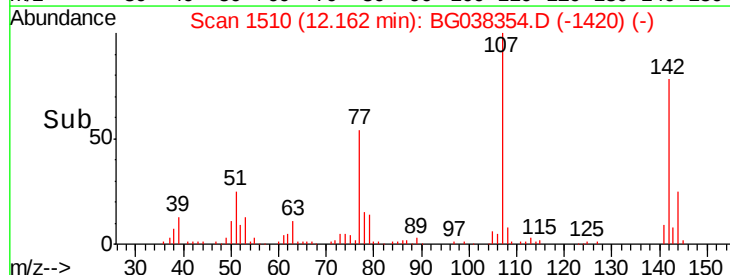
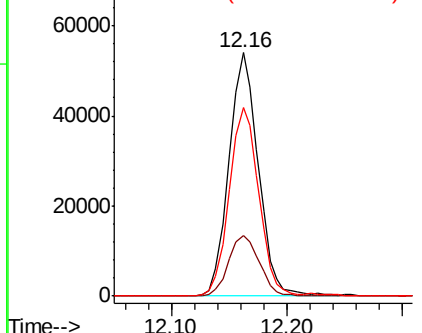
142 77.7 64.4 96.6

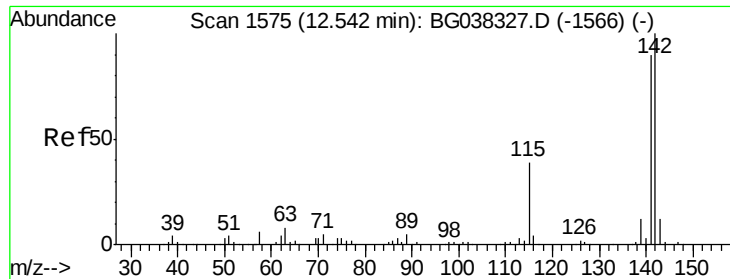


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





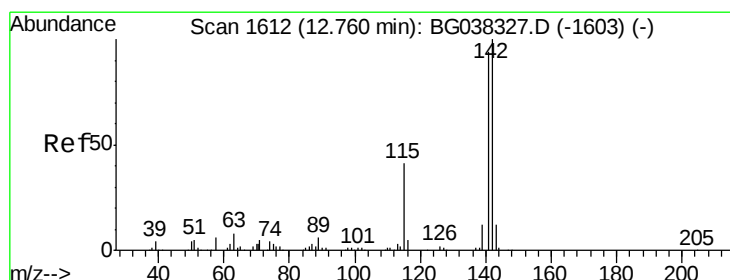
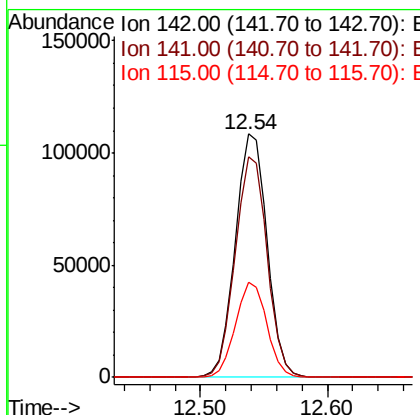
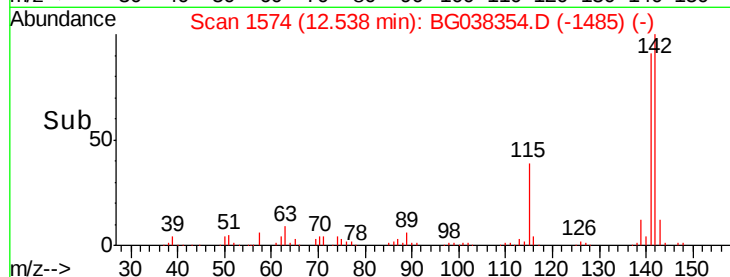
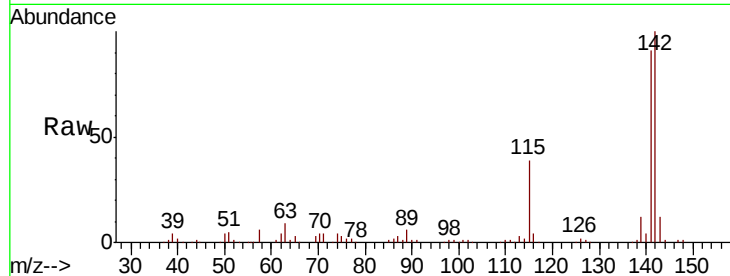
#37
2-Methylnaphthalene
Concen: 48.337 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		188163		
141	90.6	71.9	107.9		
115	38.8	27.8	41.8		

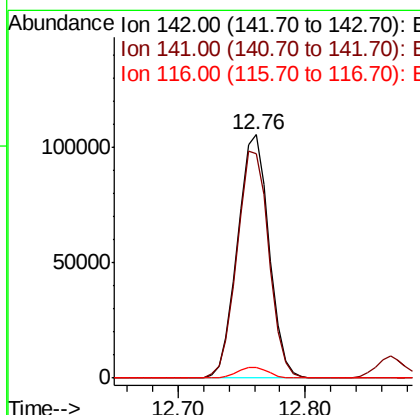
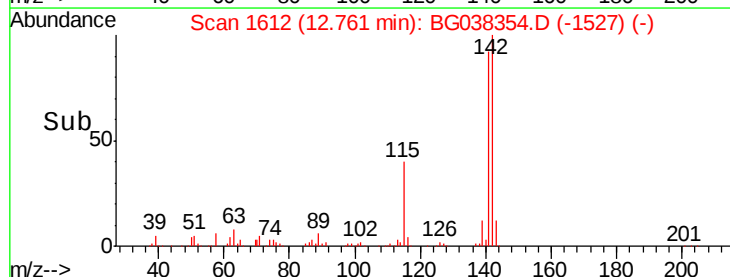
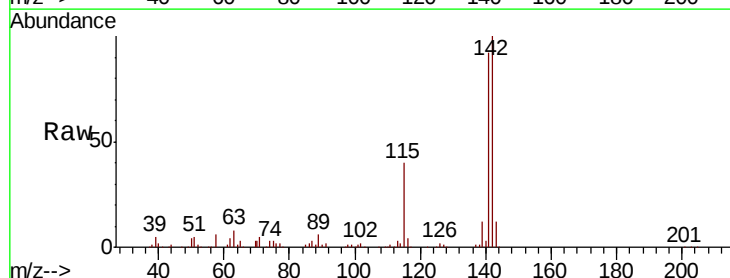
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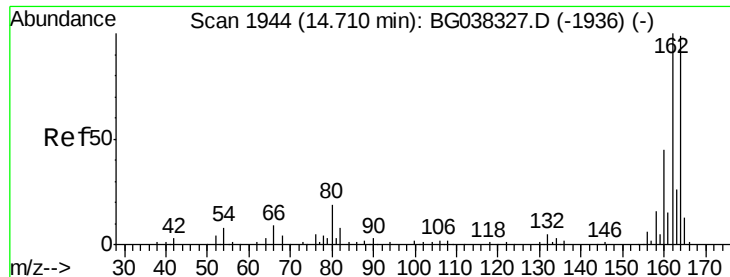
mohammad
12/6/2018 10:33:25 AM



#38
1-Methylnaphthalene
Concen: 48.564 ng
RT: 12.76 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
142	100		181062		
141	92.2	75.2	112.8		
116	4.3	3.3	4.9		





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

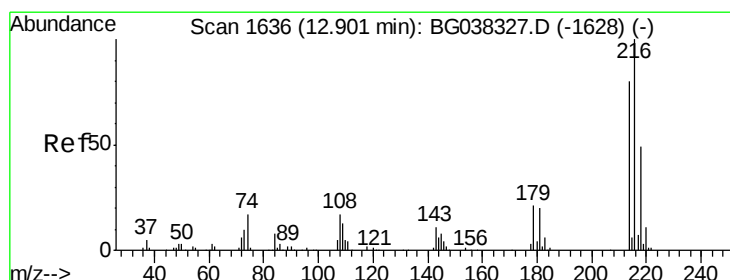
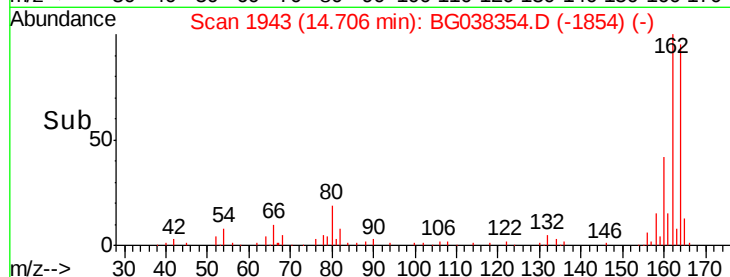
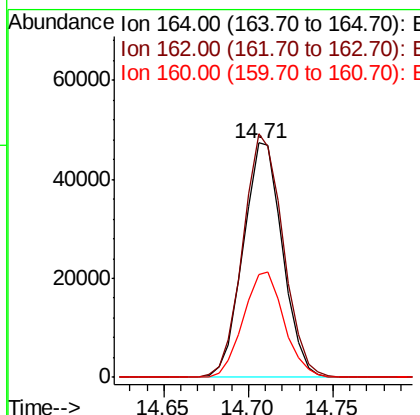
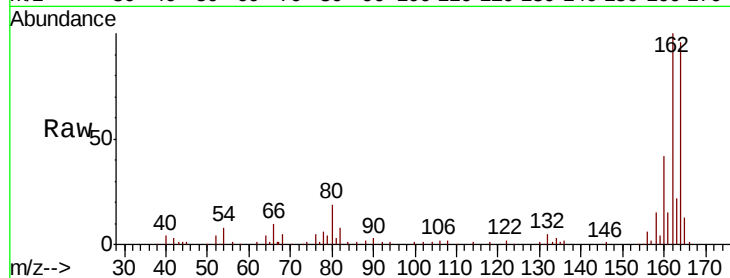
ClientSampleId :

JC-02-113018-AMS

Tot Ion:	164	Resp:	76361
Ion Ratio	Lower	Upper	
164	100		
162	104.0	81.3	121.9
160	44.1	36.3	54.5

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12/6/2018 10:33:25 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.787 ng

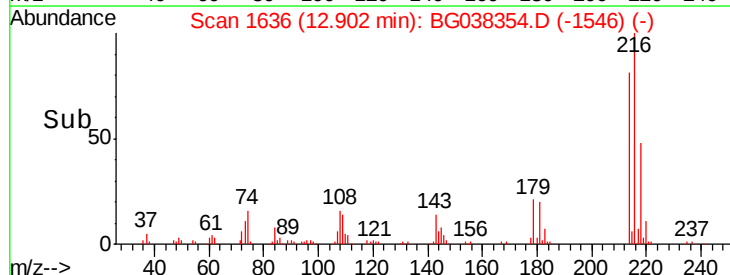
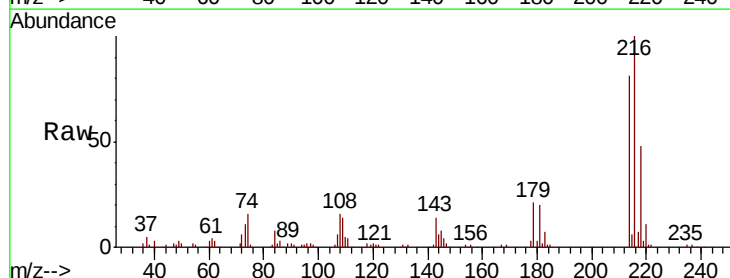
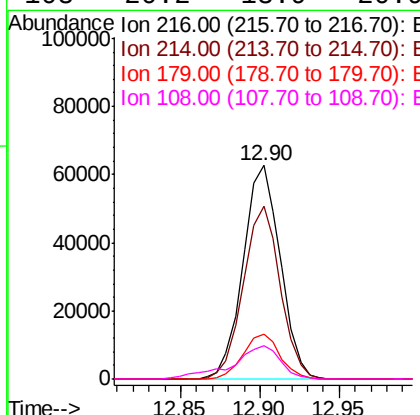
RT: 12.90 min Scan# 1636

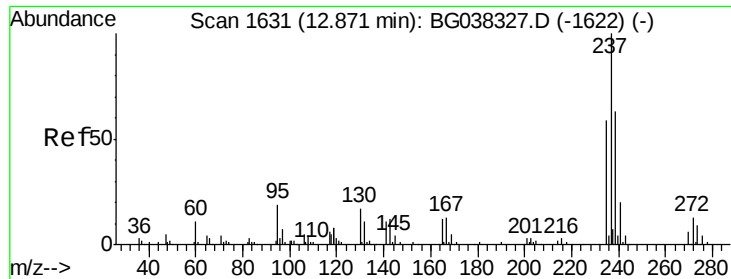
Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	216	Resp:	101916
Ion Ratio	Lower	Upper	
216	100		
214	80.1	63.8	95.6
179	20.9	17.4	26.0
108	20.2	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 90.502 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

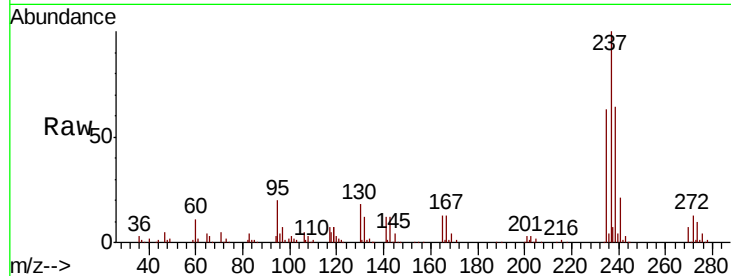
ClientSampleId :

JC-02-113018-AMS

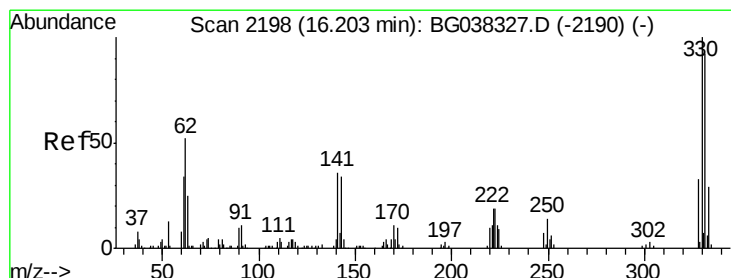
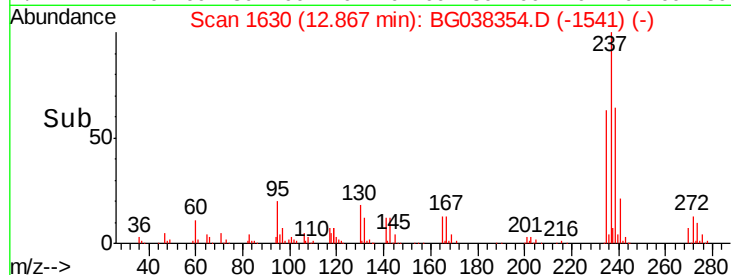
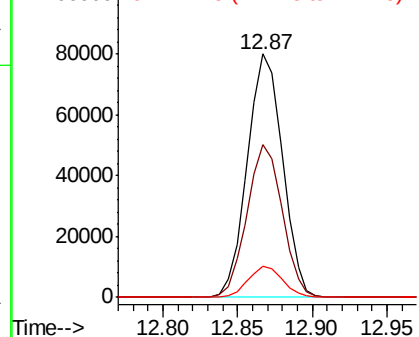
Tot Ion:	237	Resp:	130681
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.5	82.5
272	12.9	0.0	31.6

Manual Integrations
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12/6/2018 10:33:25 AM



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: 126.166 ng

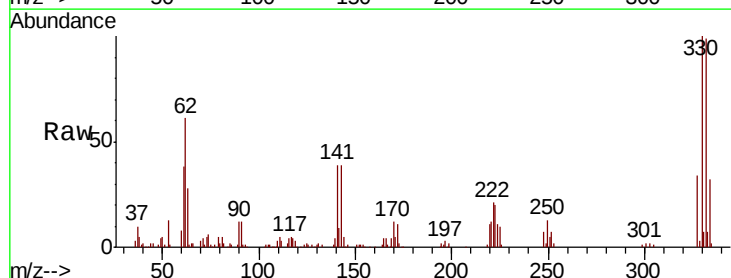
RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

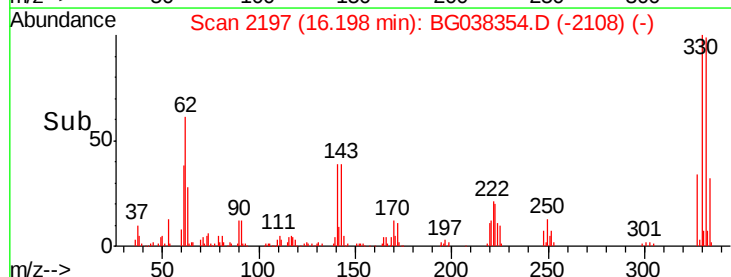
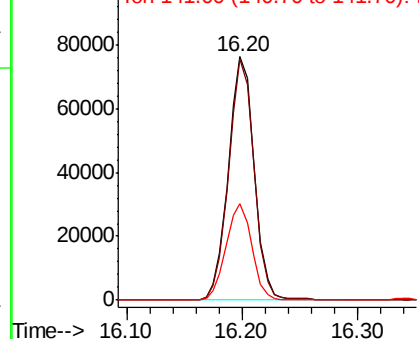
Lab File: BG038354.D

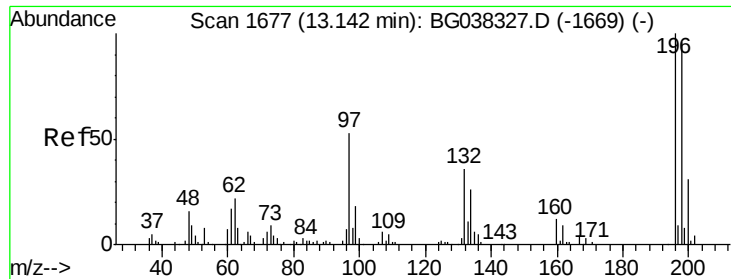
Acq: 5 Dec 2018 11:03

Tgt Ion:	330	Resp:	118271
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.4	117.6
141	39.7	32.2	48.2



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





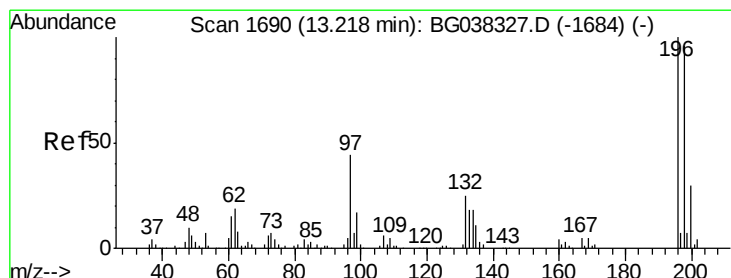
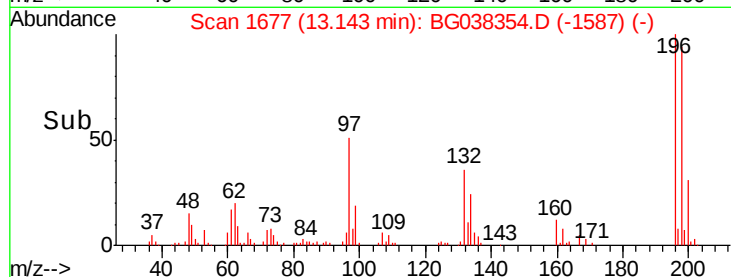
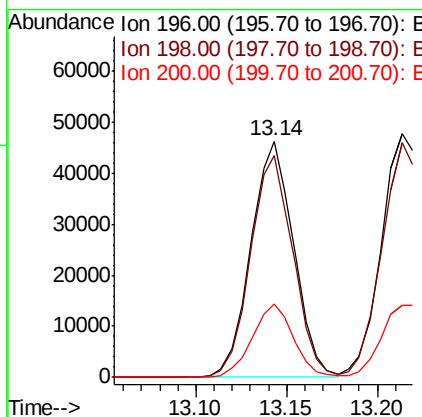
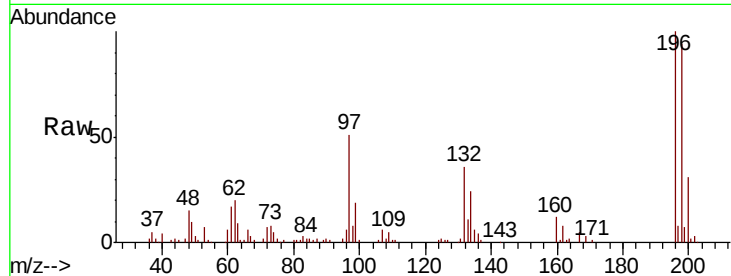
#43
 2,4,6-Trichlorophenol
 Concen: 44.388 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.4	114.6
200	31.2	24.9	37.3

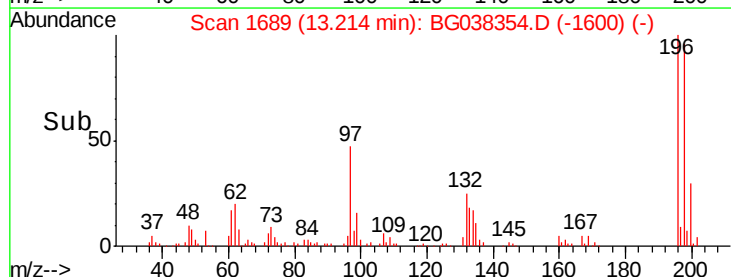
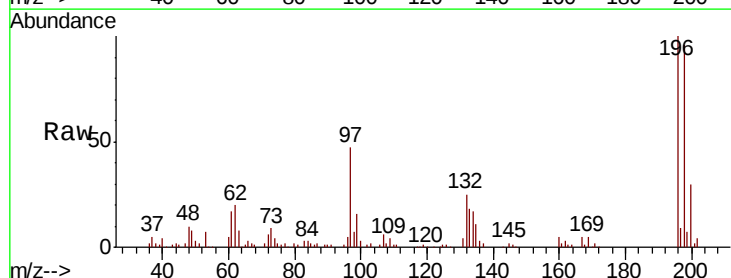
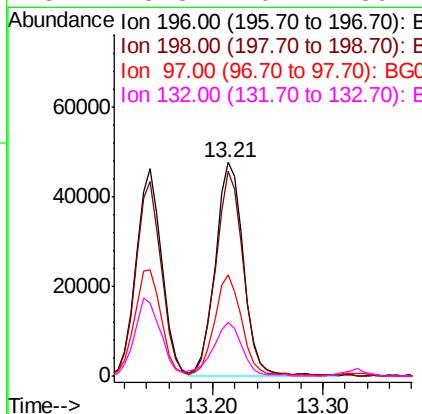
Manual Integrations
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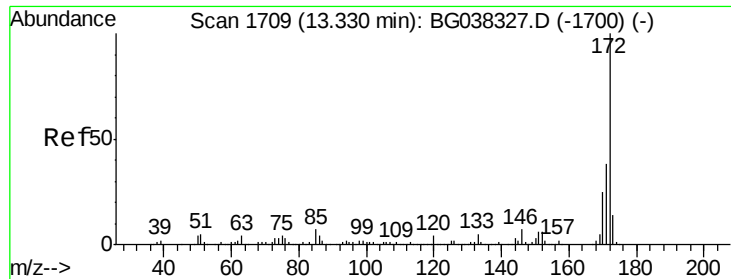
mohammad
 12/6/2018 10:33:25 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.840 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	74.2	111.2
97	47.4	34.1	51.1
132	25.3	20.2	30.4





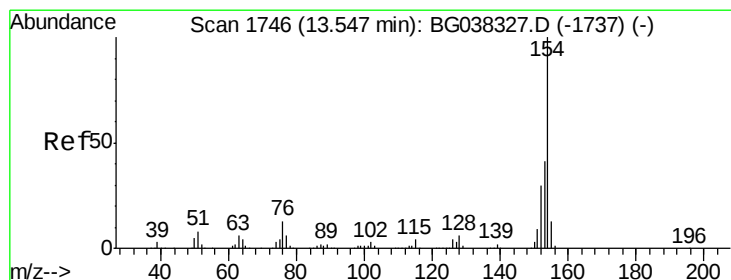
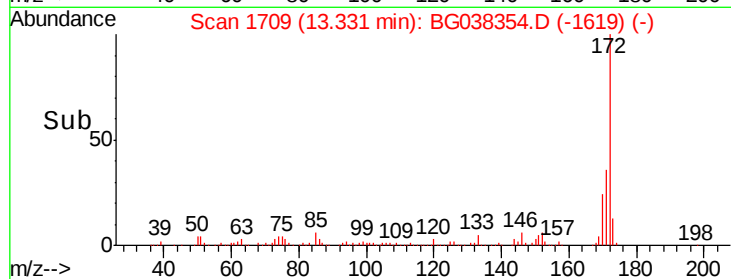
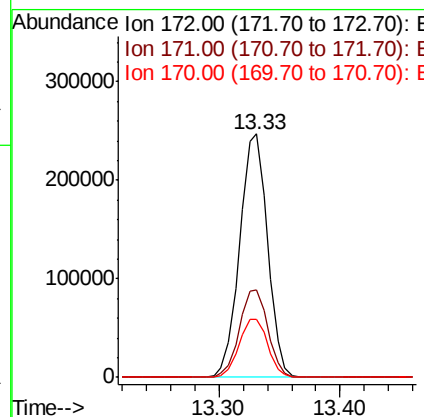
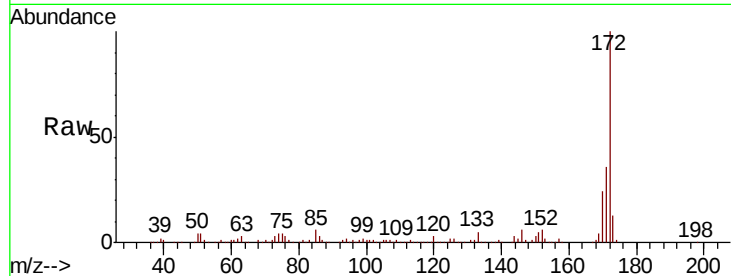
#45
2-Fluorobiphenyl
Concen: 74.307 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.0	46.4
170	23.6	20.2	30.2

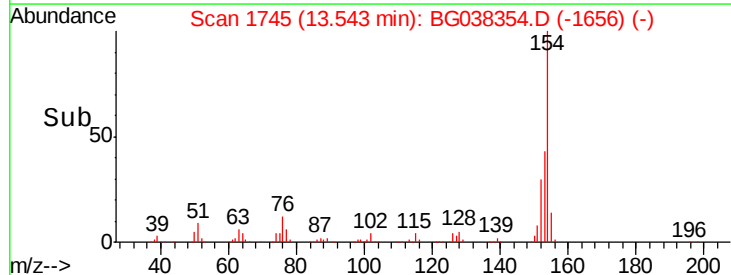
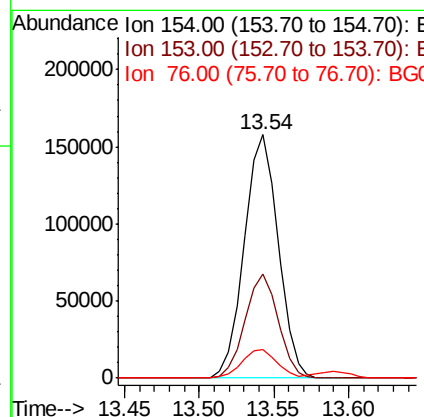
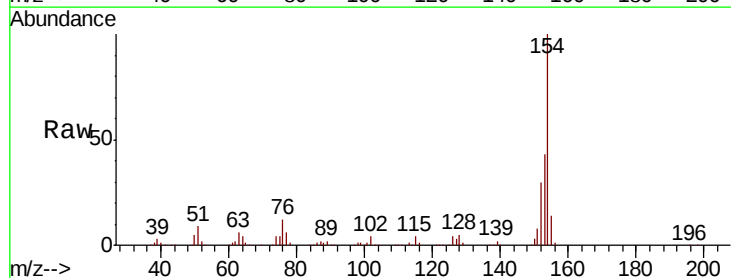
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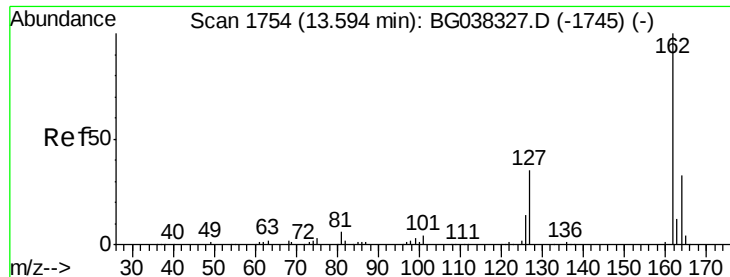
mohammad
12/6/2018 10:33:25 AM



#46
1,1'-Biphenyl
Concen: 38.477 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	11.6	0.0	33.2





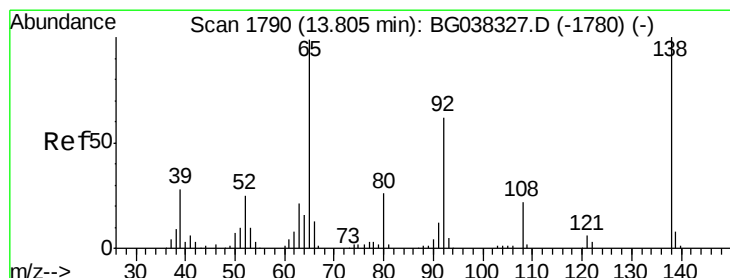
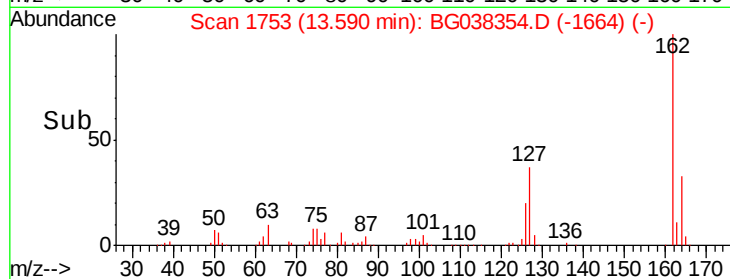
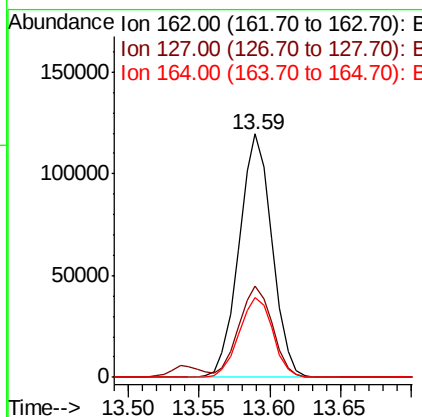
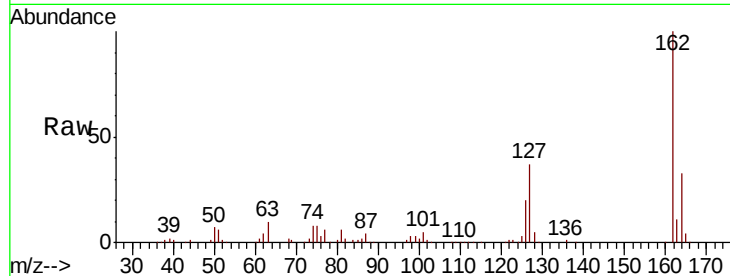
#47
 2-Chloronaphthalene
 Concen: 39.997 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.5	45.7
164	32.9	26.4	39.6

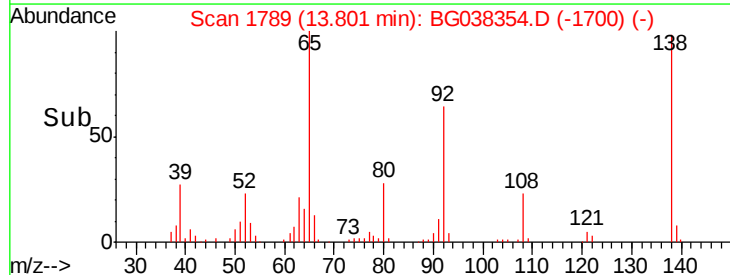
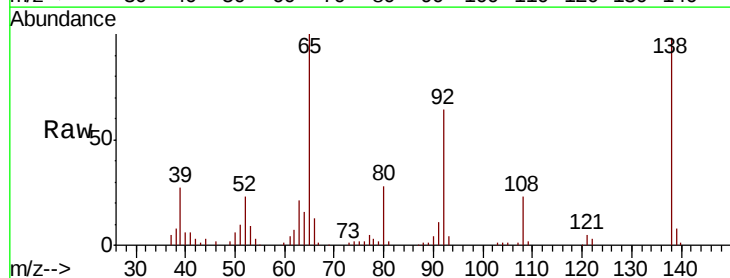
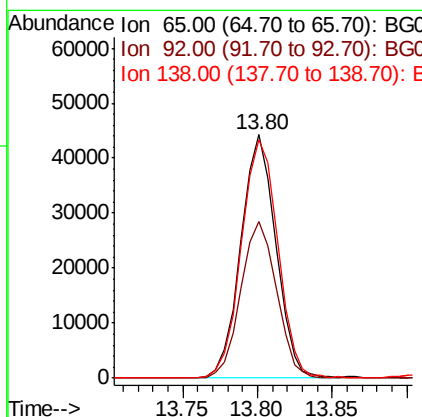
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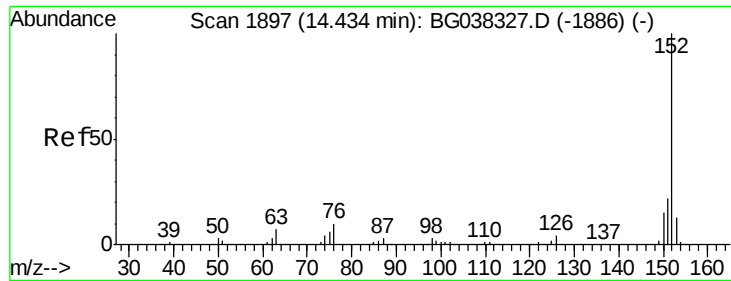
mohammad
 12/6/2018 10:33:25 AM



#48
 2-Nitroaniline
 Concen: 44.064 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.1	53.2	79.8
138	98.2	79.3	118.9





#49

Acenaphthylene

Concen: 45.775 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

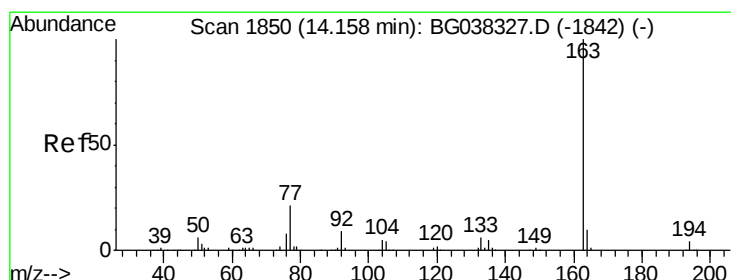
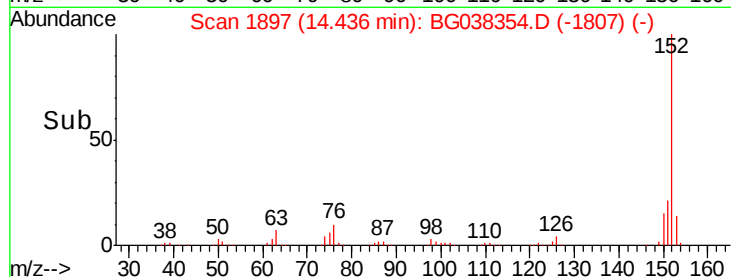
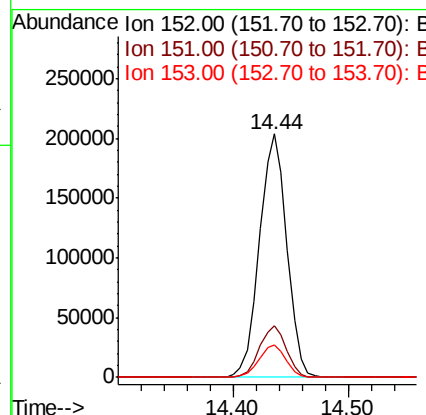
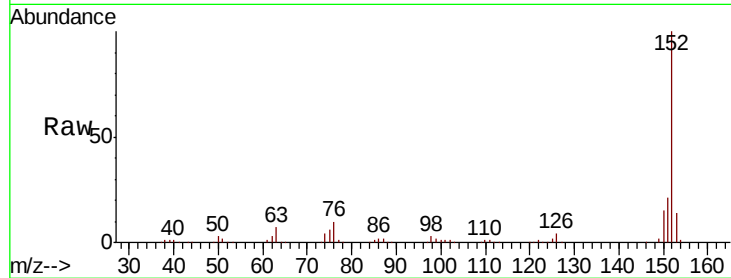
ClientSampleId :

JC-02-113018-AMS

Tot Ion:	152	Resp:	335791
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.1	25.7
153	13.5	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.705 ng

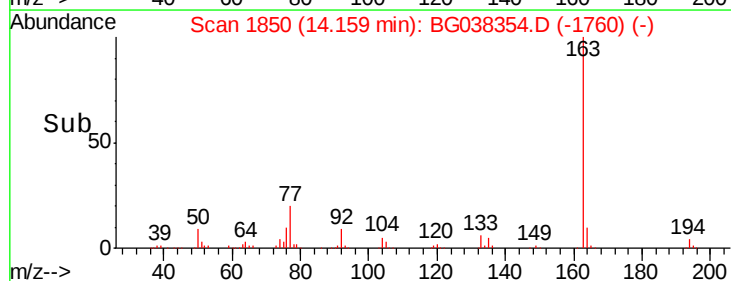
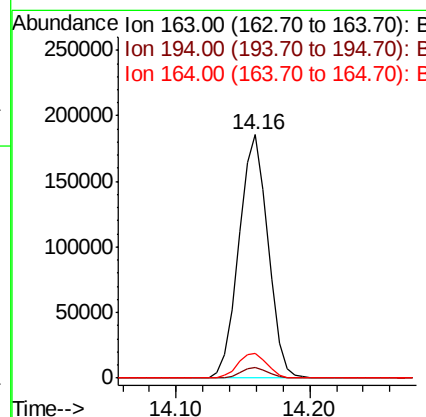
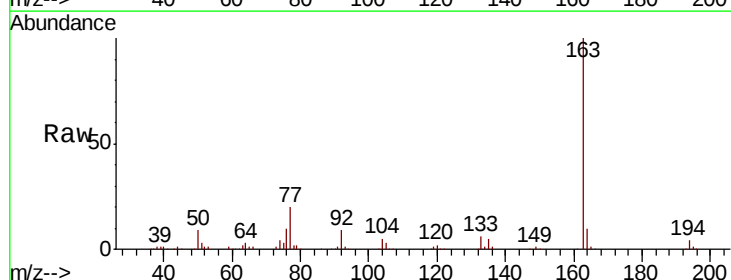
RT: 14.16 min Scan# 1850

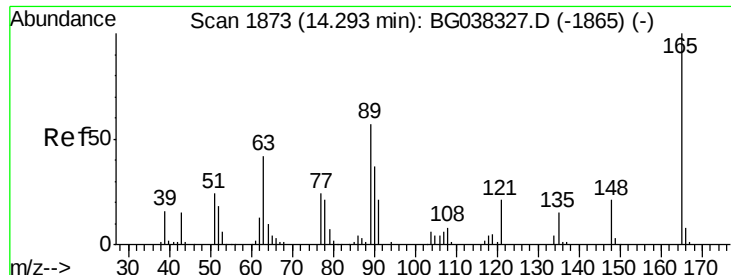
Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	163	Resp:	279937
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.2	8.5	12.7





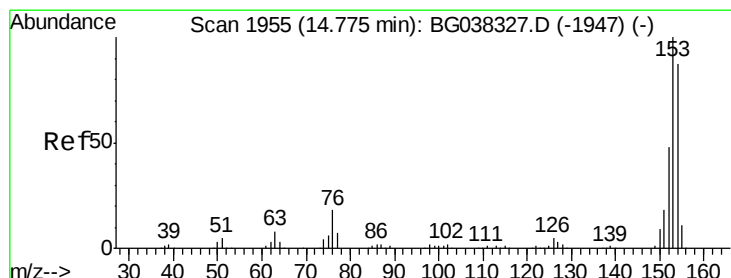
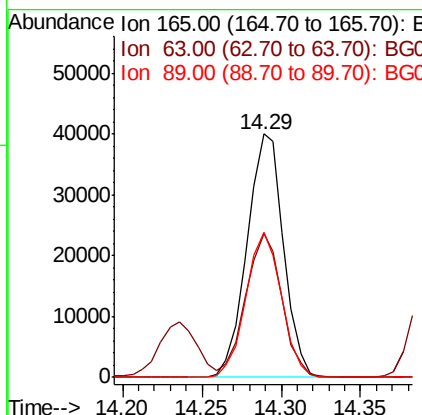
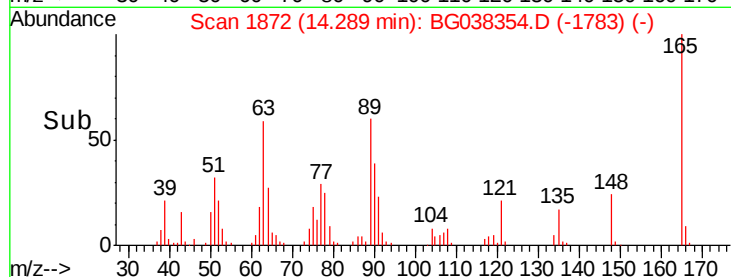
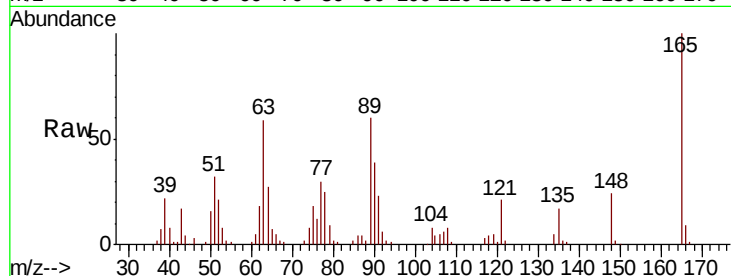
#51
 2,6-Dinitrotoluene
 Concen: 45.618 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.8	43.4	65.2
89	59.6	45.8	68.6

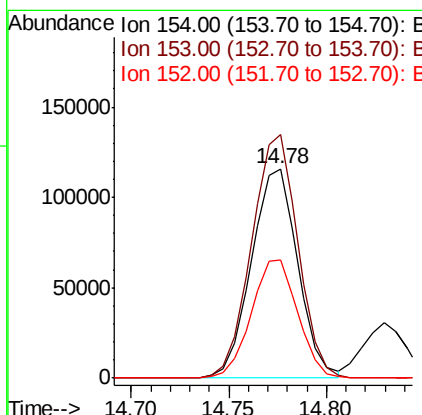
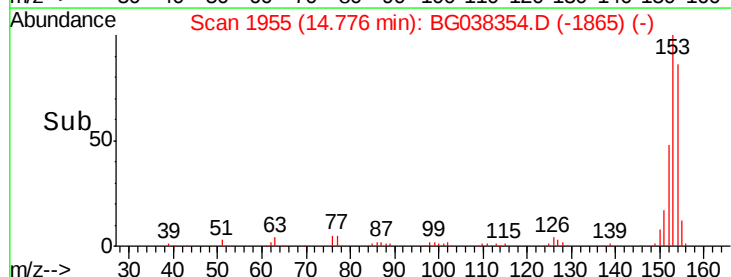
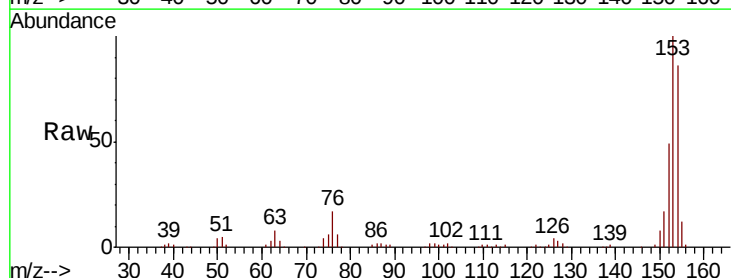
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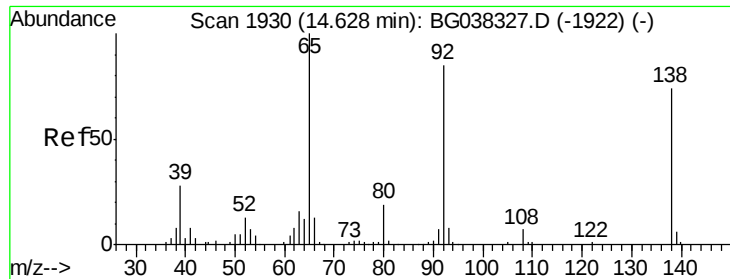
mohammad
 12/6/2018 10:33:25 AM



#52
 Acenaphthene
 Concen: 42.531 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.3	93.4	140.0
152	56.7	44.7	67.1





#53

3-Nitroaniline

Concen: 12.015 ng

RT: 14.63 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

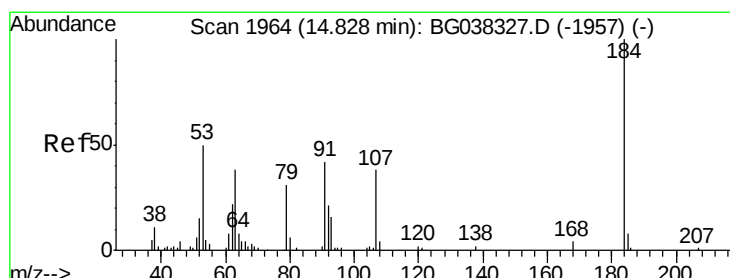
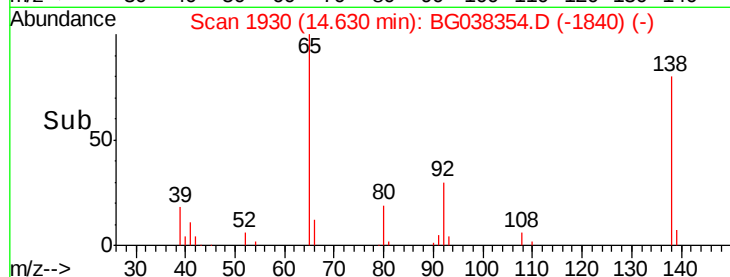
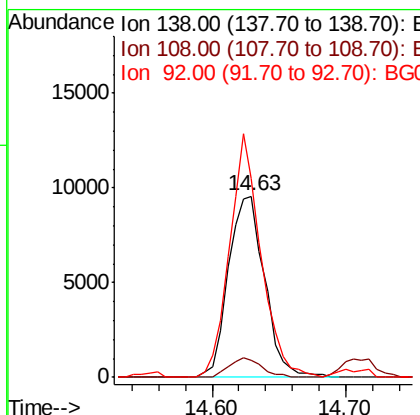
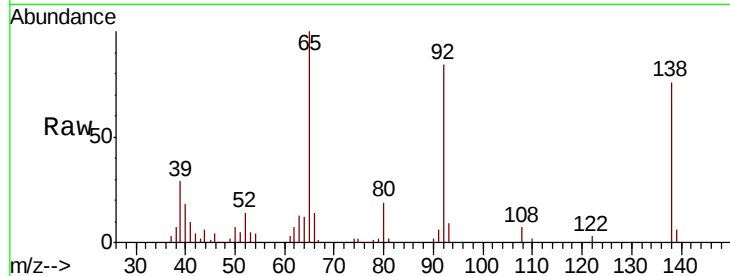
ClientSampleId :

JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	11.0	16.6#
92	109.8	95.2	142.8

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#54

2,4-Dinitrophenol

Concen: 102.289 ng

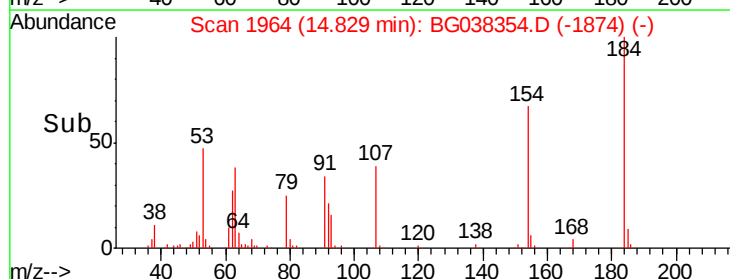
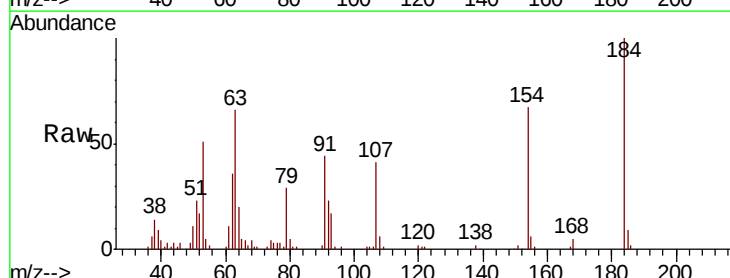
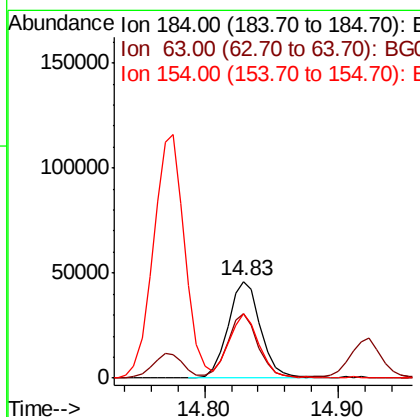
RT: 14.83 min Scan# 1964

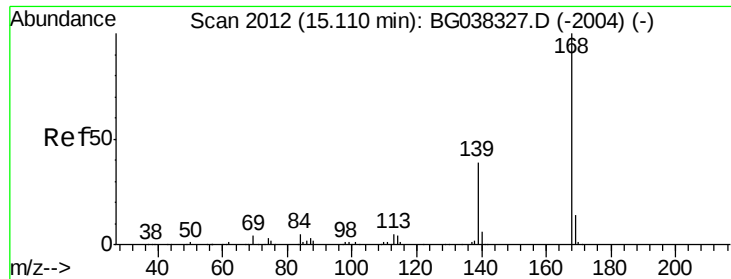
Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.1	42.6	63.8#
154	66.6	41.8	62.6#





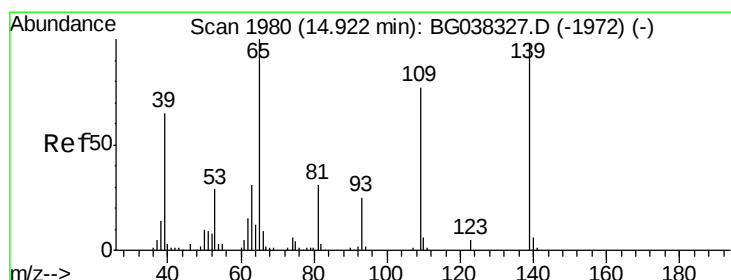
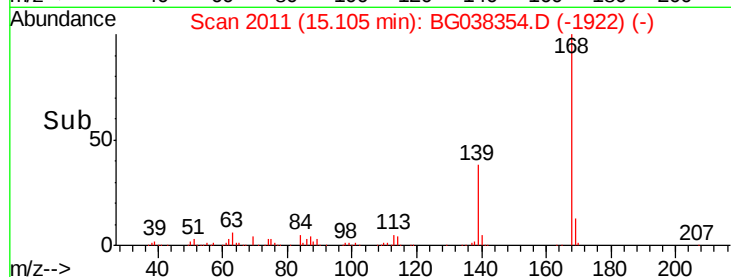
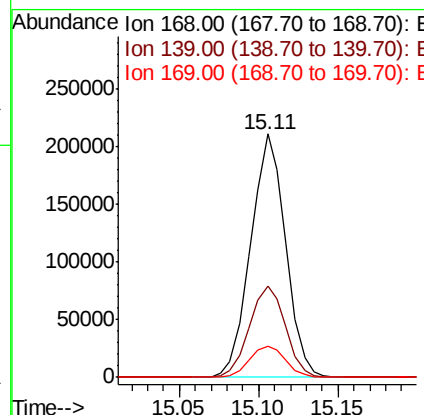
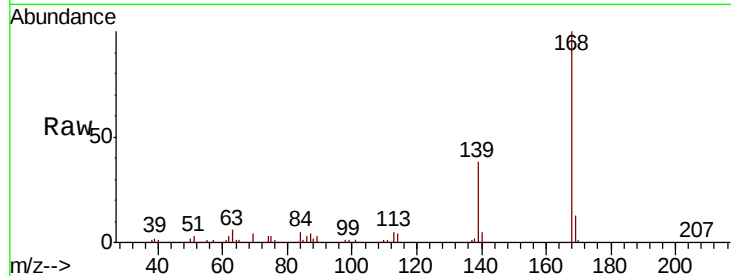
#55
Dibenzofuran
Concen: 43.396 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.6	29.4	44.0	
169	12.9	11.0	16.6	

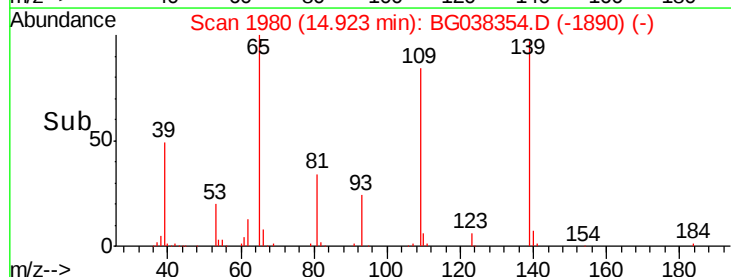
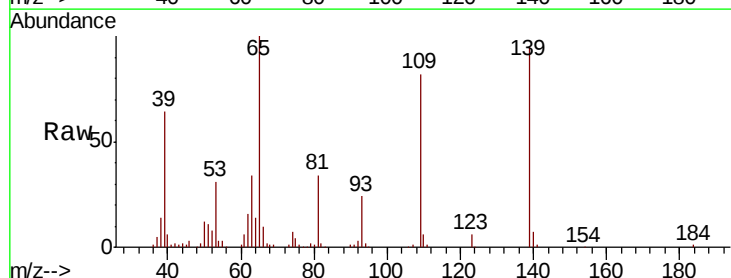
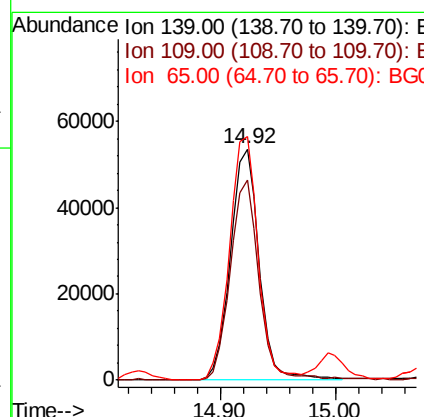
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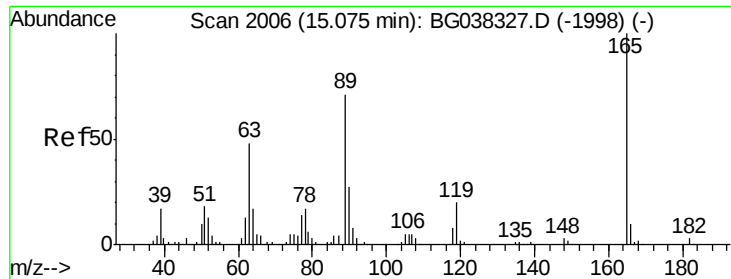
mohammad
12/6/2018 10:33:25 AM



#56
4-Nitrophenol
Concen: 77.501 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	86.3	49.5	89.5	
65	105.2	76.8	116.8	





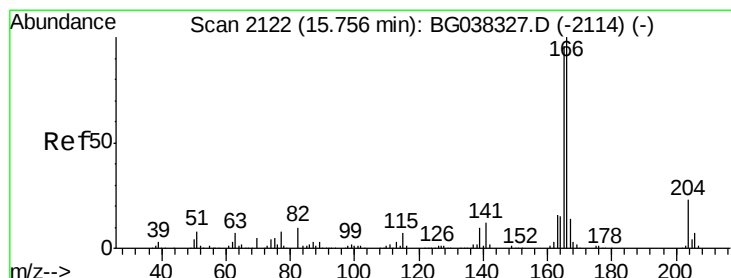
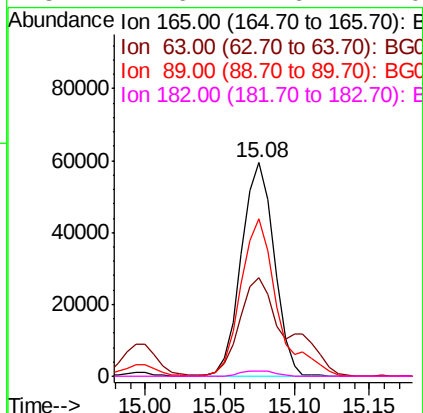
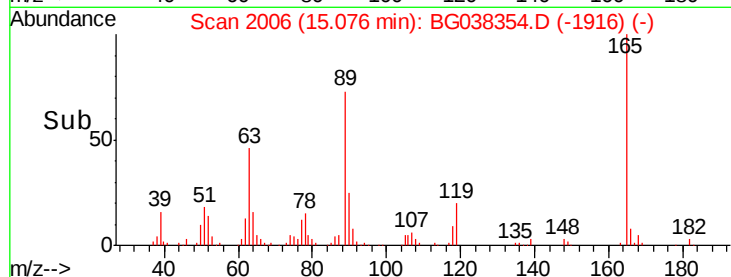
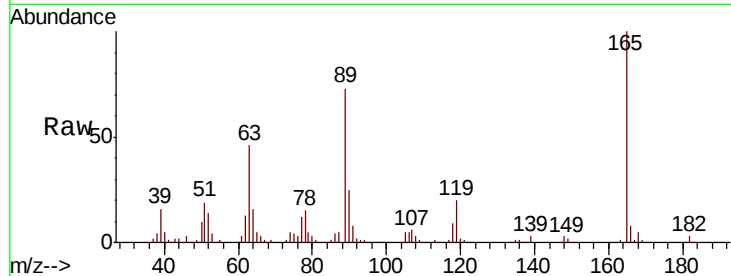
#57
 2,4-Dinitrotoluene
 Concen: 47.033 ng
 RT: 15.08 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	46.0		33.4	50.0	
89	73.5		57.2	85.8	
182	2.6		2.6	4.0	

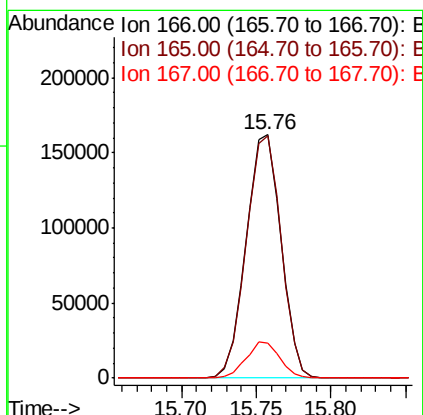
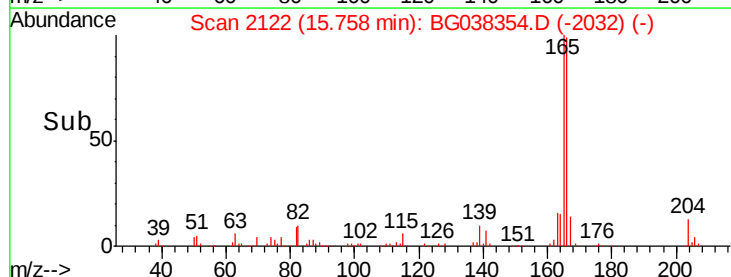
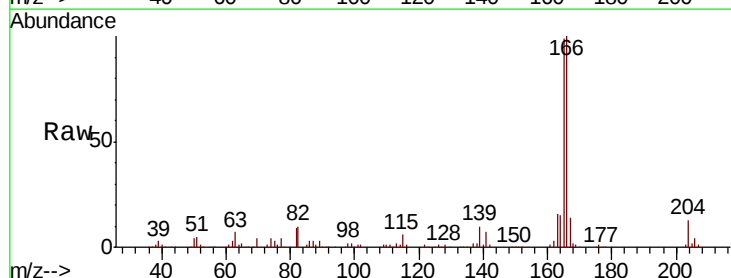
Manual Integrations
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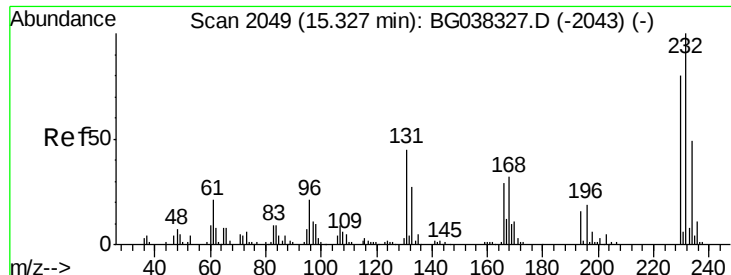
mohammad
 12/6/2018 10:33:25 AM



#58
 Fluorene
 Concen: 47.971 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.4		79.0	118.6	
167	14.3		11.3	16.9	





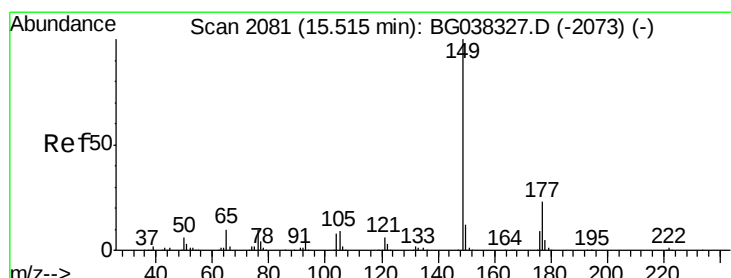
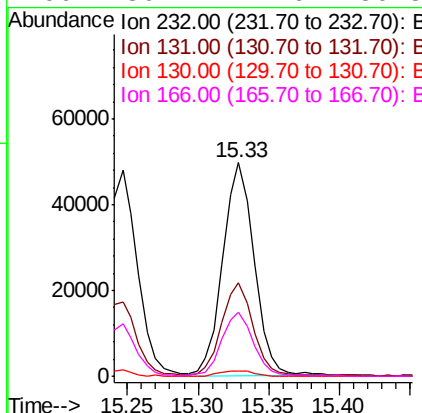
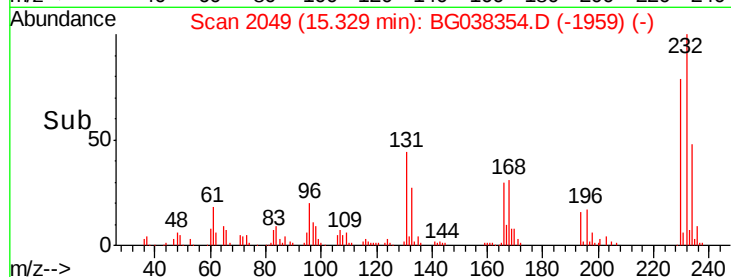
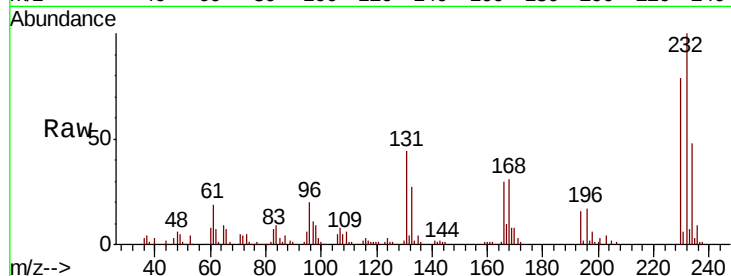
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.337 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		77266		
131	42.8	33.7	50.5		
130	2.6	2.1	3.1		
166	30.1	24.6	36.8		

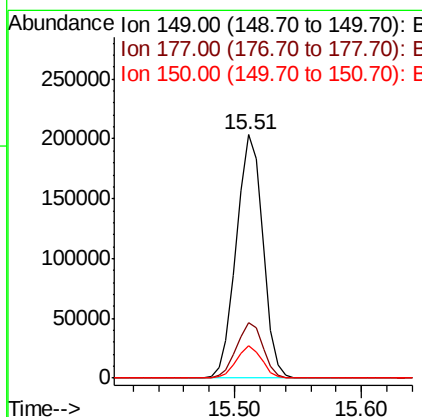
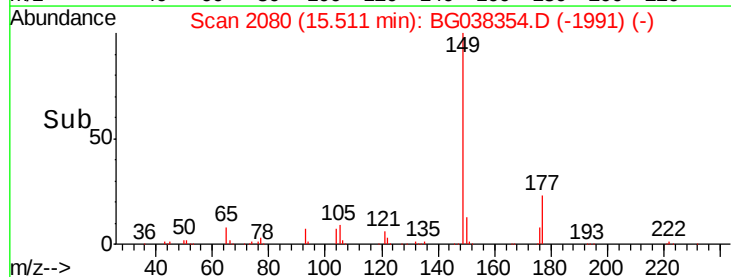
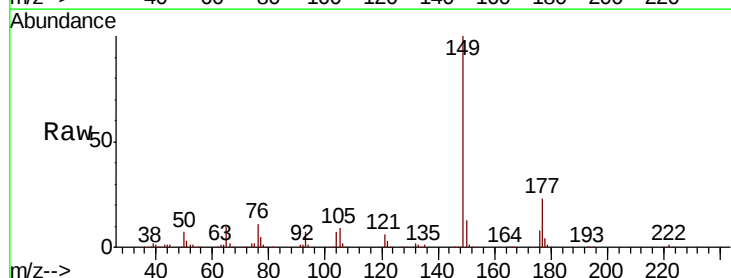
Manual Integrations
 APPROVED

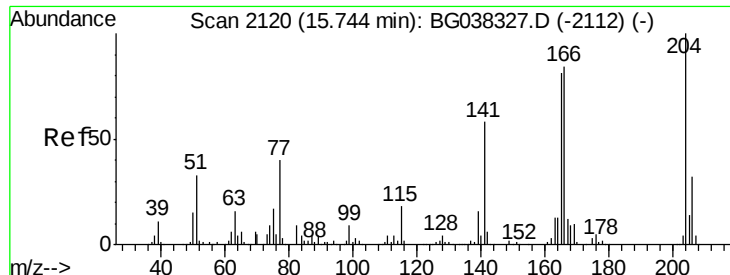
mohammad
 12/6/2018 10:33:25 AM



#60
 Diethylphthalate
 Concen: 43.152 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		292813		
177	22.7	18.3	27.5		
150	13.2	10.0	15.0		





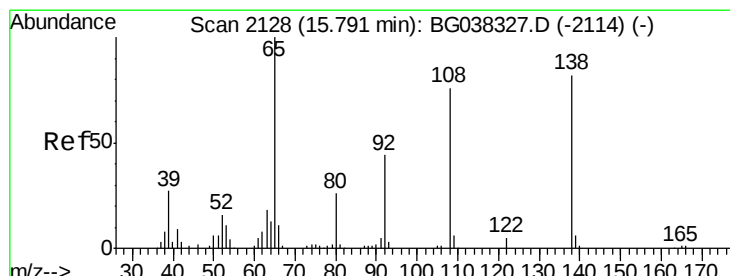
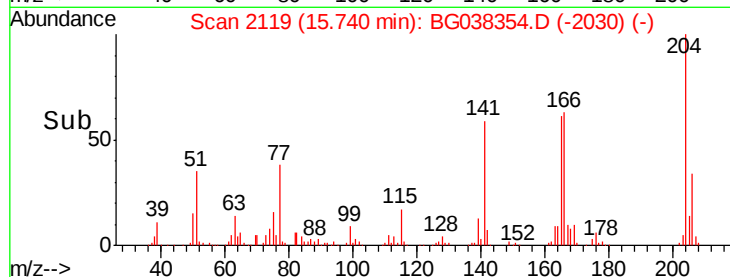
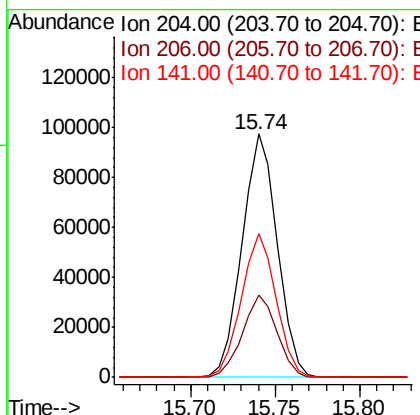
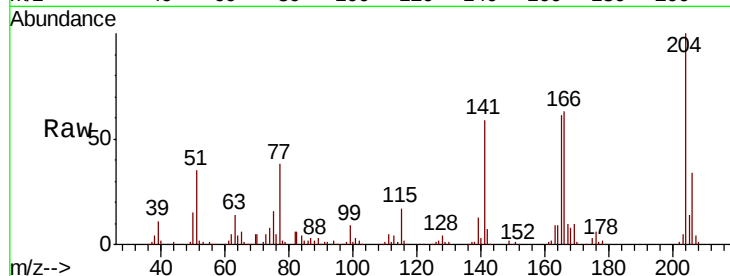
#61
4-Chlorophenyl-phenylether
Concen: 43.139 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	59.1	45.4	68.2

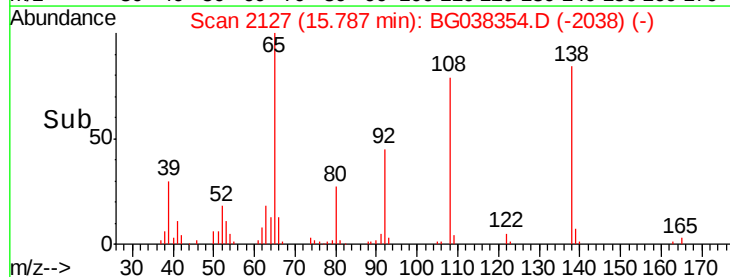
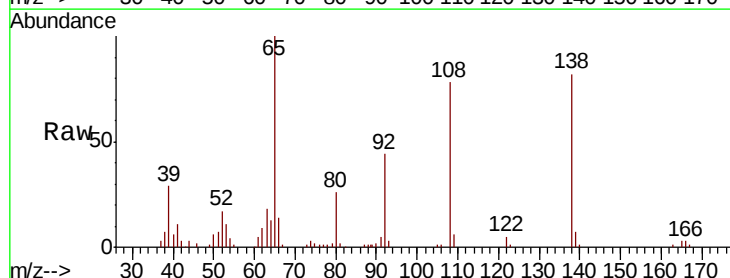
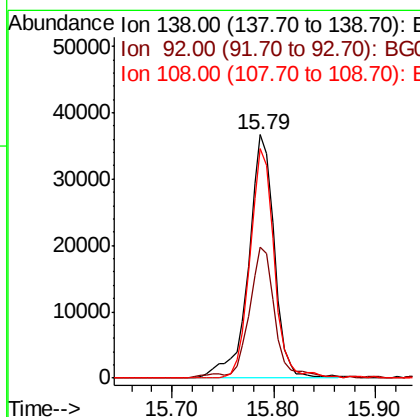
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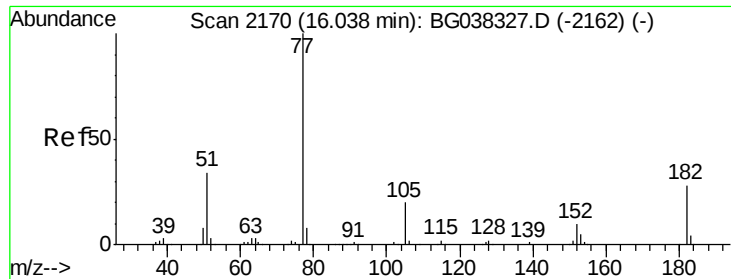
mohammad
12/6/2018 10:33:25 AM



#62
4-Nitroaniline
Concen: 43.631 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	36.4	76.4
108	94.4	60.1	100.1





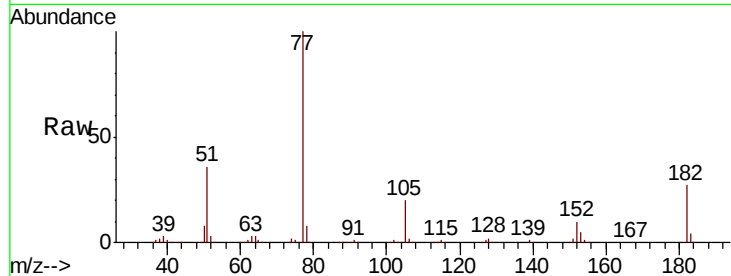
#63
Azobenzene
Concen: 43.529 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		258499		
182	26.6	8.0	48.0		
105	20.1	1.3	41.3		
51	35.6	10.7	50.7		

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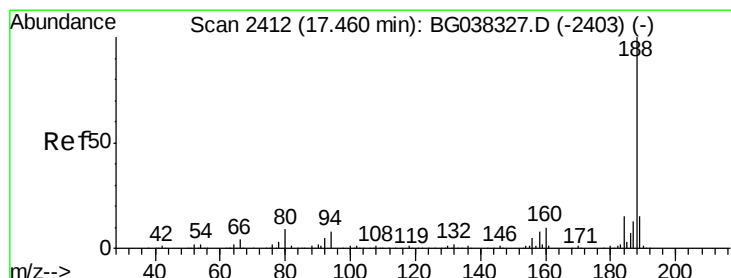
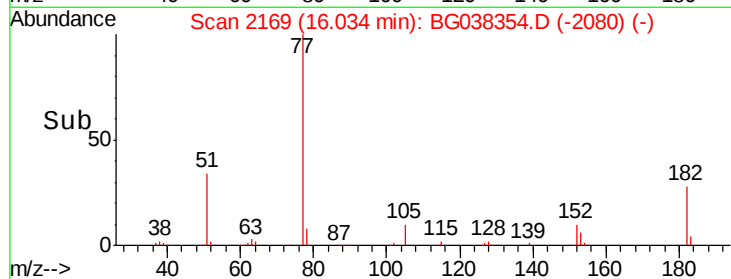
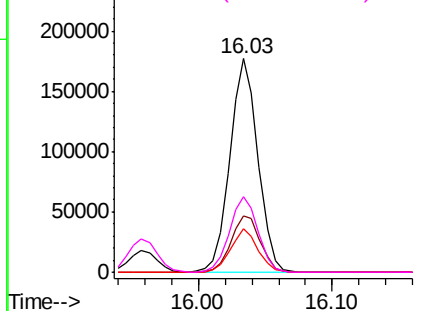
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

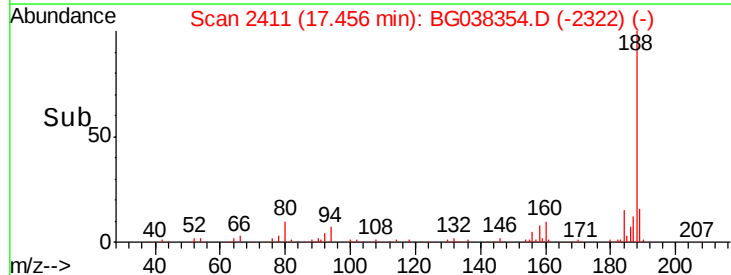
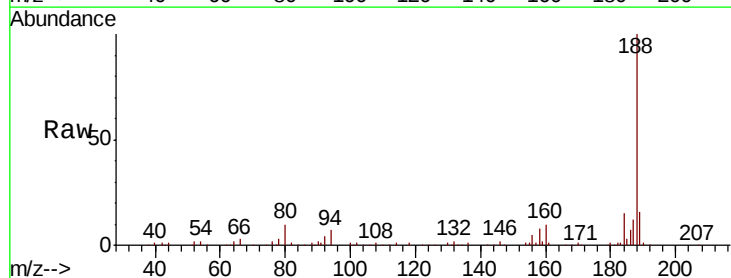
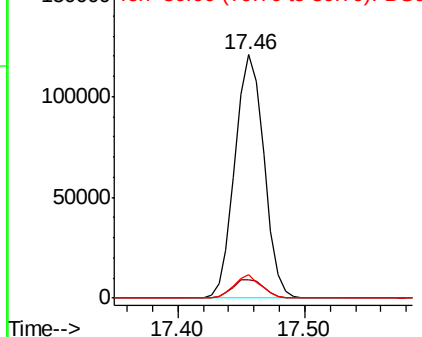
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		191233		
94	7.3	7.2	10.8		
80	9.7	7.7	11.5		

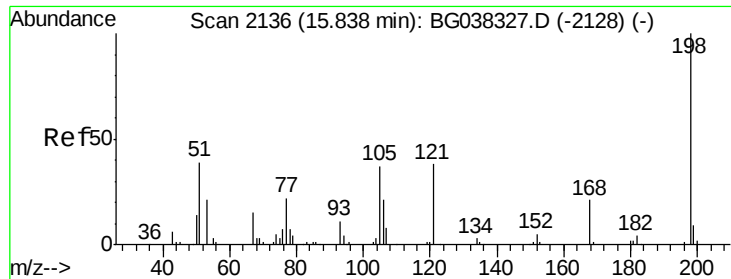
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





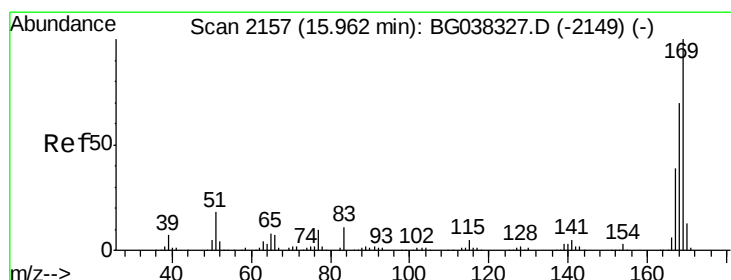
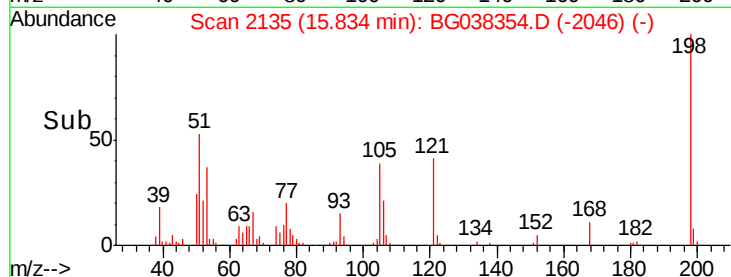
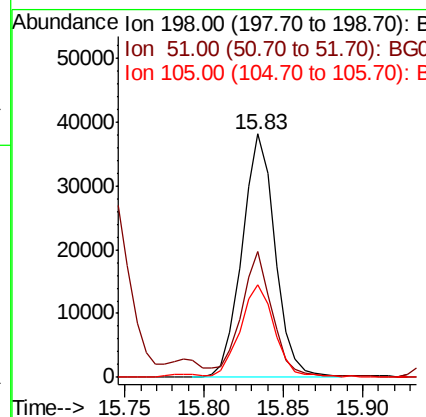
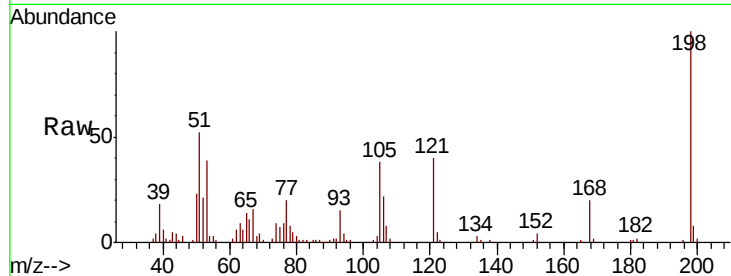
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.134 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	55299		
51	51.9		22.7	62.7
105	37.8		19.7	59.7

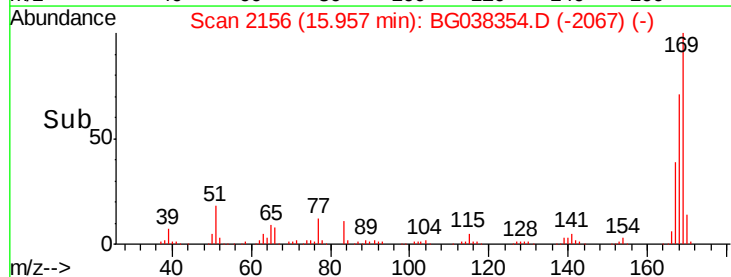
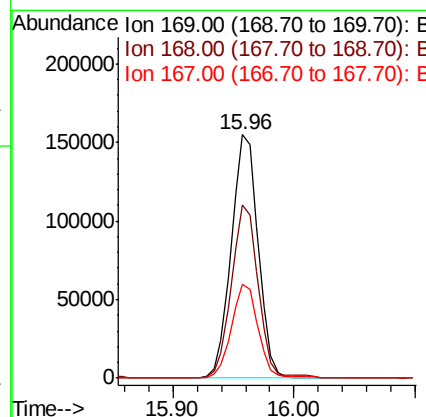
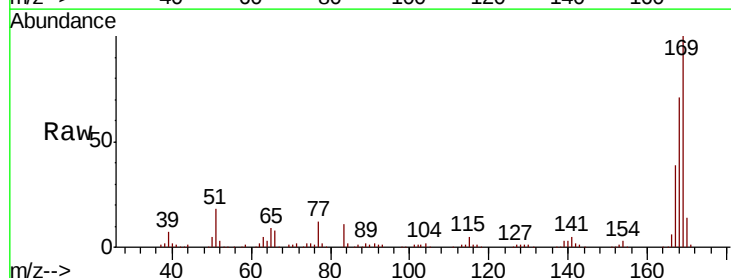
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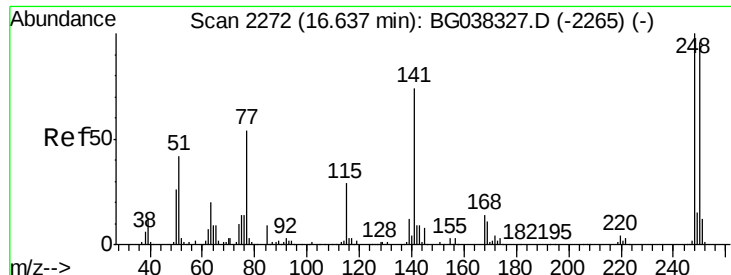
mohammad
 12/6/2018 10:33:25 AM



#66
 n-Nitrosodiphenylamine
 Concen: 44.442 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	238987		
168	71.1		55.7	83.5
167	38.8		31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 44.535 ng

RT: 16.64 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

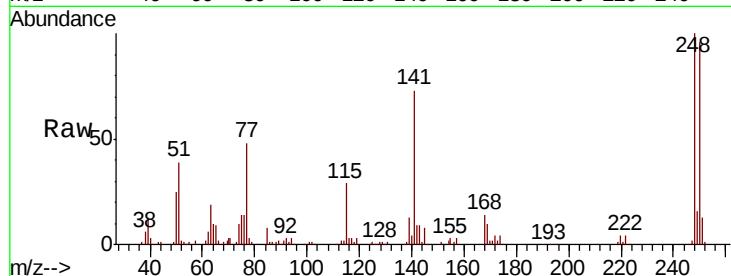
ClientSampleId :

JC-02-113018-AMS

Tot Ion:	248	Resp:	91969
Ion Ratio	Lower	Upper	
248	100		
250	95.8	77.0	115.6
141	72.8	55.5	83.3

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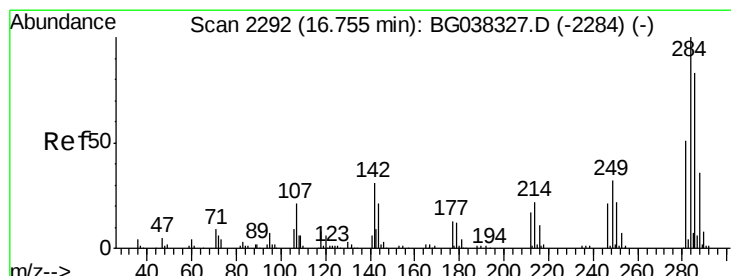
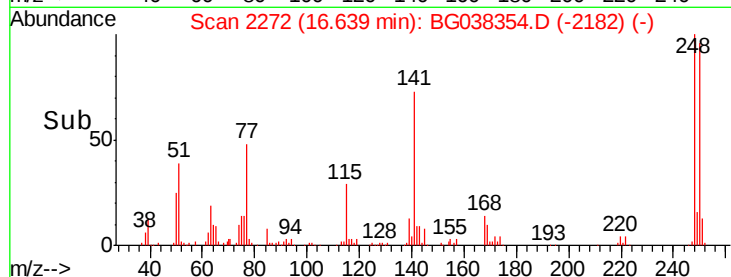
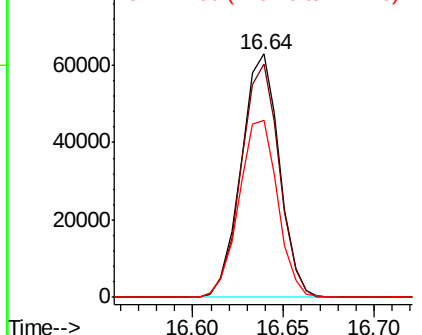


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 44.530 ng

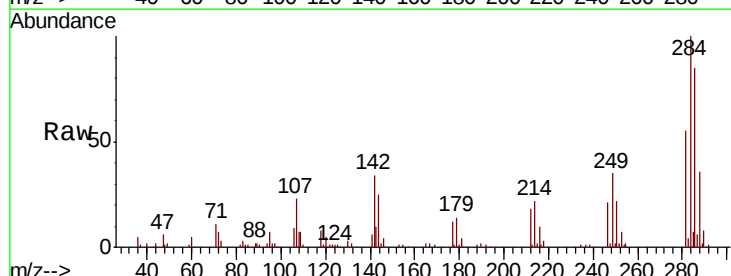
RT: 16.75 min Scan# 2291

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	284	Resp:	94853
Ion Ratio	Lower	Upper	
284	100		
142	34.2	28.1	42.1
249	37.1	29.8	44.8

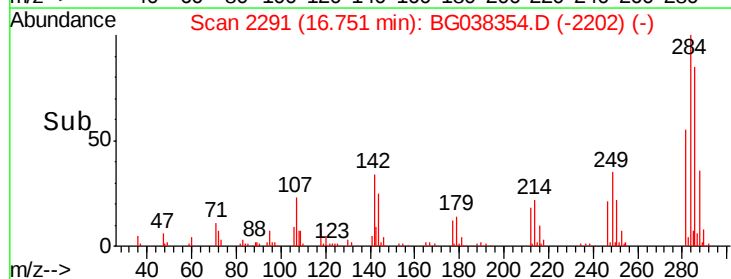
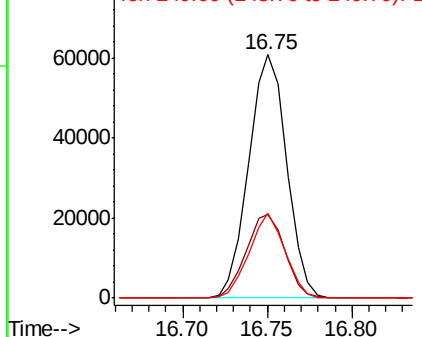


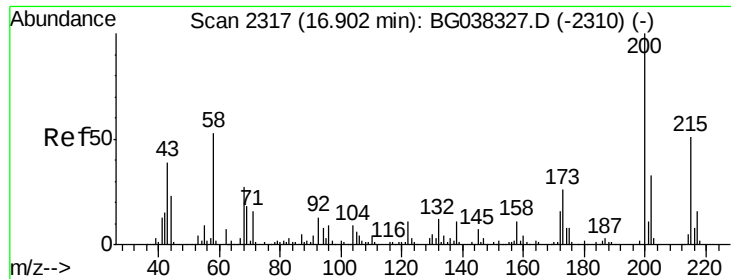
Abundance

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





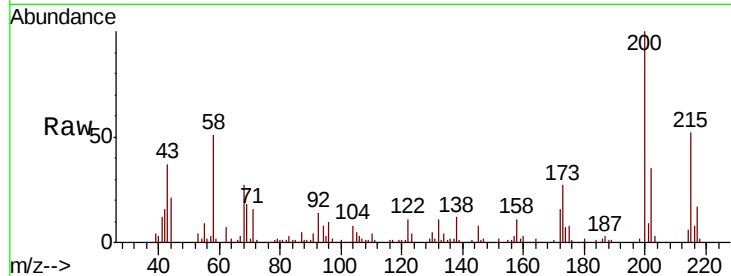
#69
 Atrazine
 Concen: 48.246 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	96811		
173	27.0	6.1	46.1	
215	51.8	30.8	70.8	

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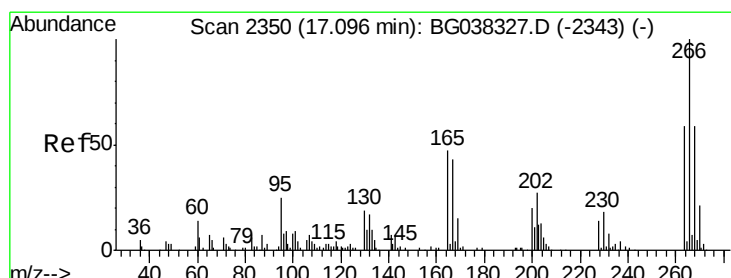
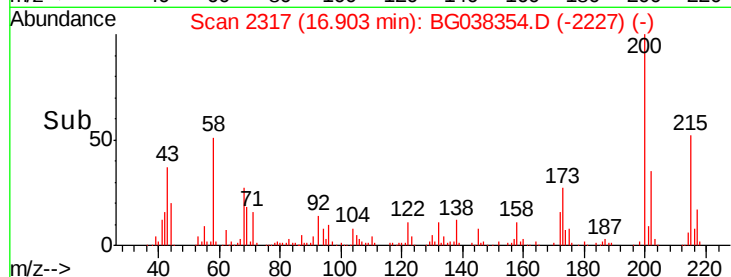
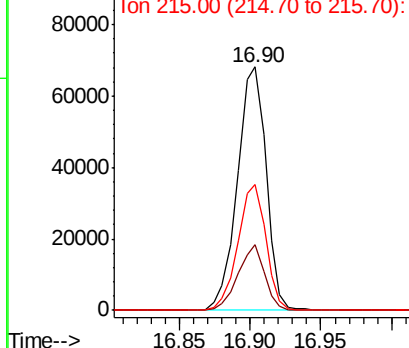


Abundance

Ion 200.00 (199.70 to 200.70): E

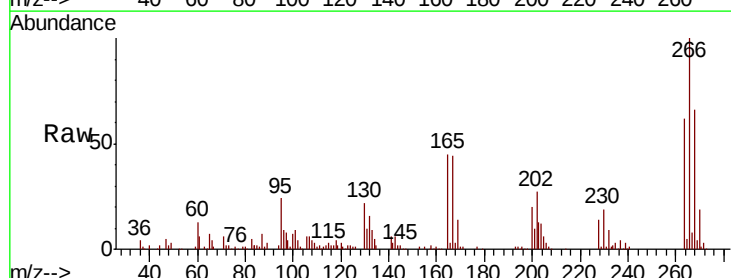
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 79.319 ng
 RT: 17.10 min Scan# 2350
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	115724		
268	70.5	55.0	82.6	
264	67.0	58.9	88.3	

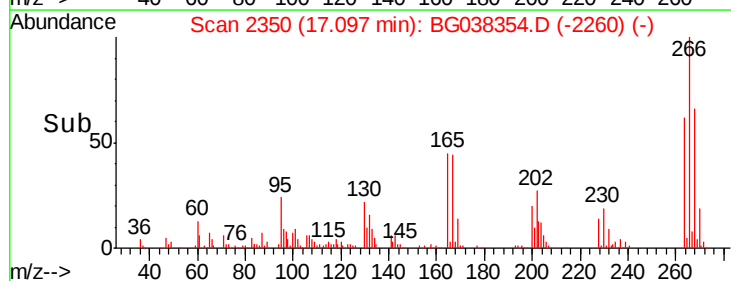
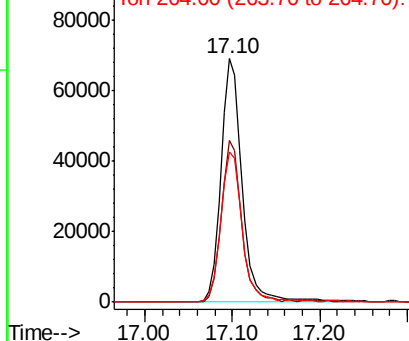


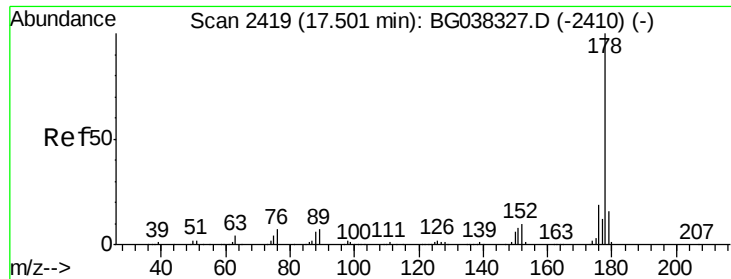
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





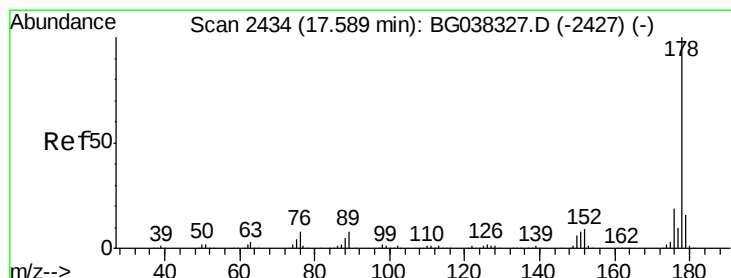
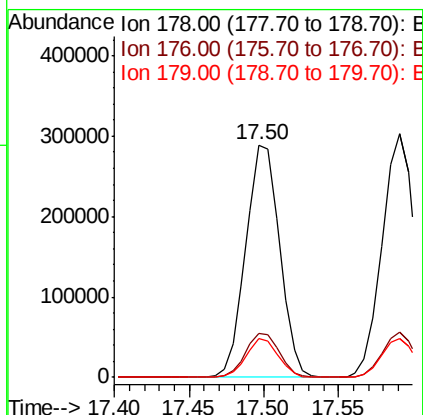
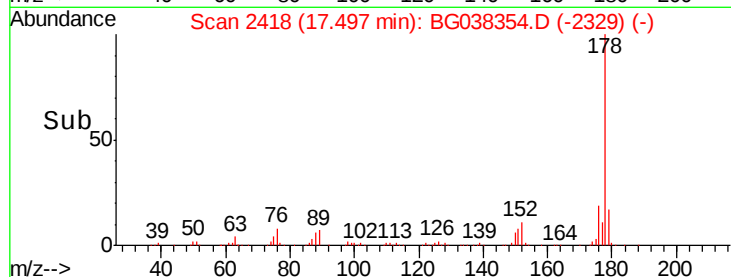
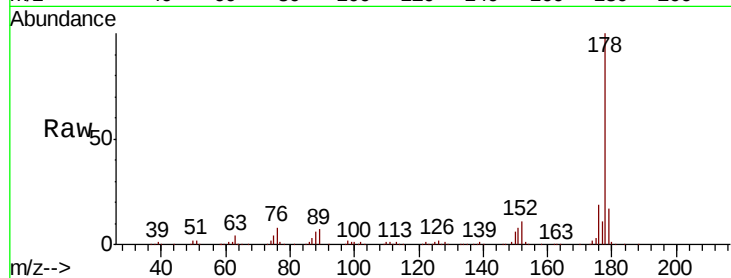
#71
 Phenanthrene
 Concen: 47.443 ng
 RT: 17.50 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	16.6	13.0	19.4

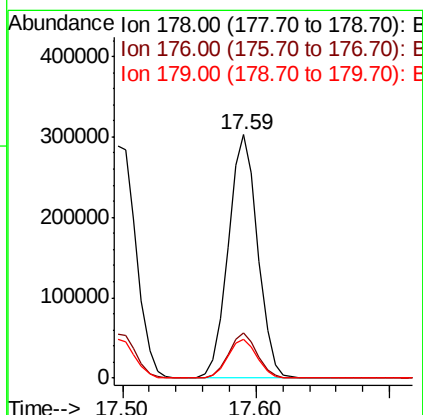
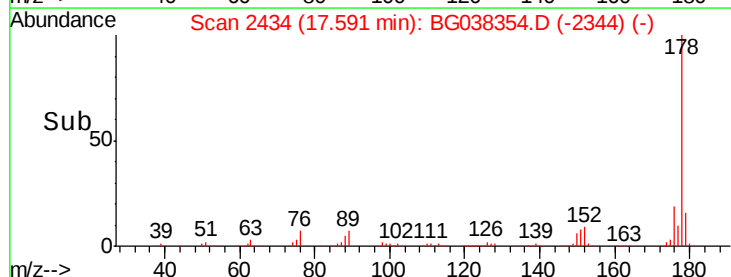
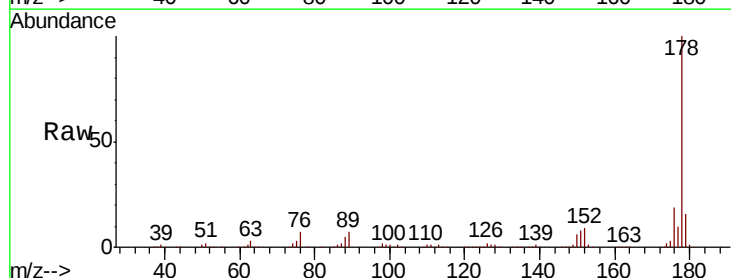
Manual Integrations
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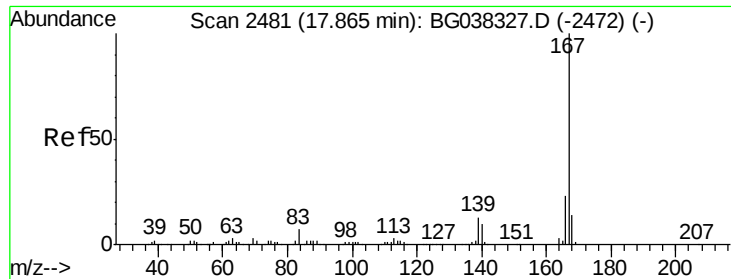
mohammad
 12/6/2018 10:33:25 AM



#72
 Anthracene
 Concen: 50.022 ng
 RT: 17.59 min Scan# 2434
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.7	12.8	19.2





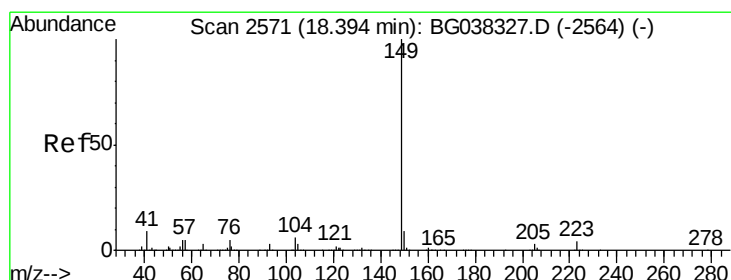
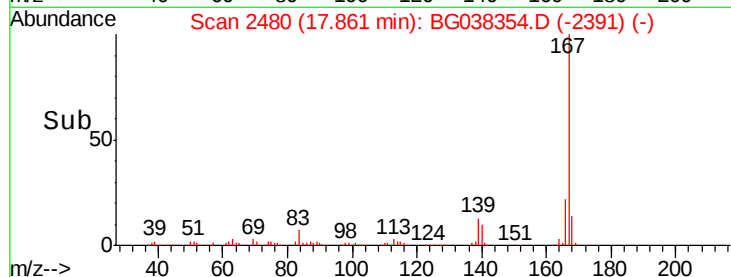
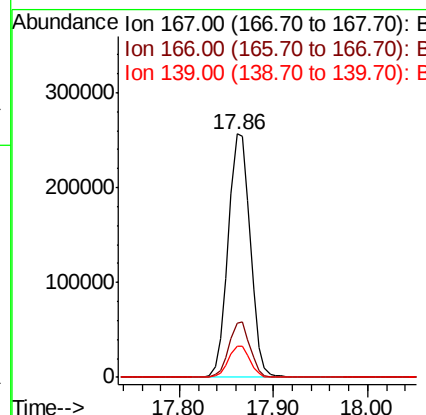
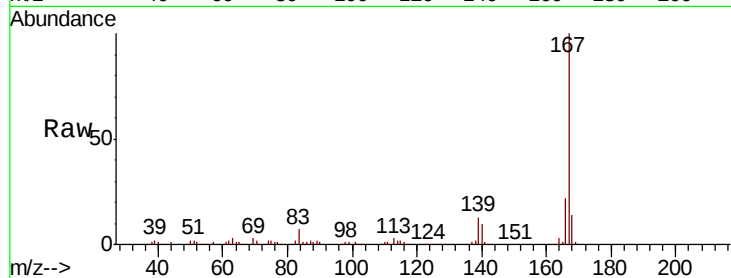
#73
 Carbazole
 Concen: 45.681 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.3	27.5
139	13.0	10.5	15.7

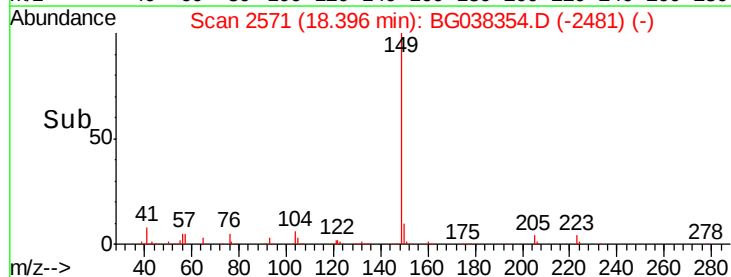
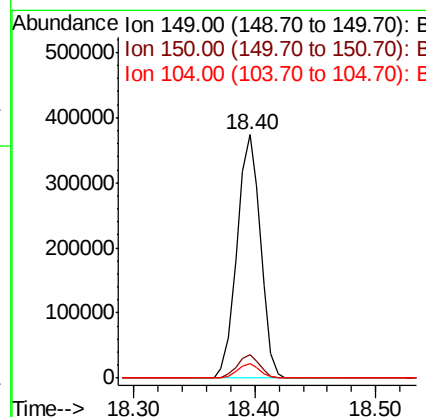
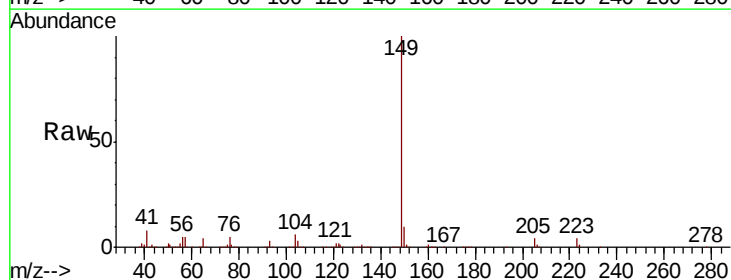
Manual Integrations
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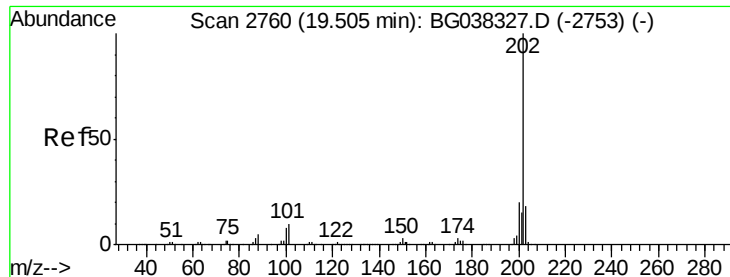
mohammad
 12/6/2018 10:33:25 AM



#74
 Di-n-butylphthalate
 Concen: 47.130 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.2	12.2
104	6.0	4.0	6.0





#75

Fluoranthene

Concen: 72.930 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

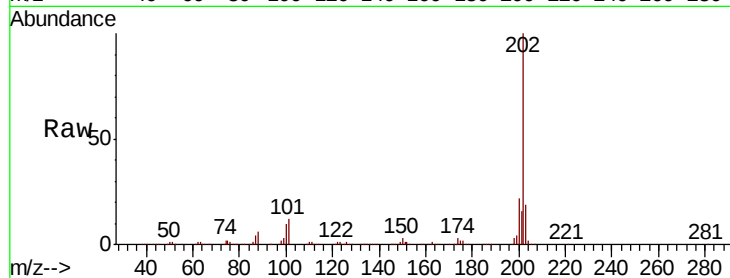
ClientSampleId :

JC-02-113018-AMS

Tot Ion:	202	Resp:	816014
Ion Ratio		Lower	Upper
202	100		
101	11.8	0.0	30.7
203	18.9	0.0	38.5

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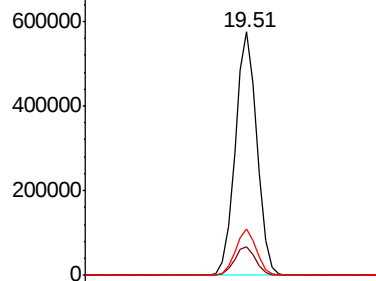


Abundance

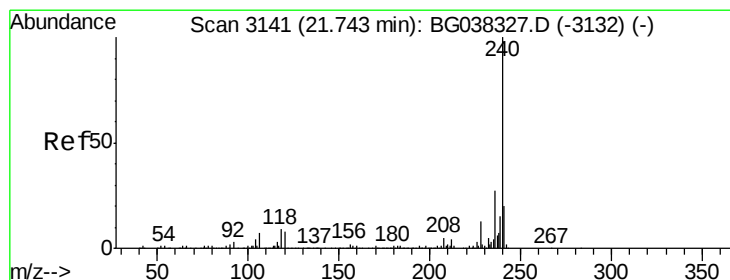
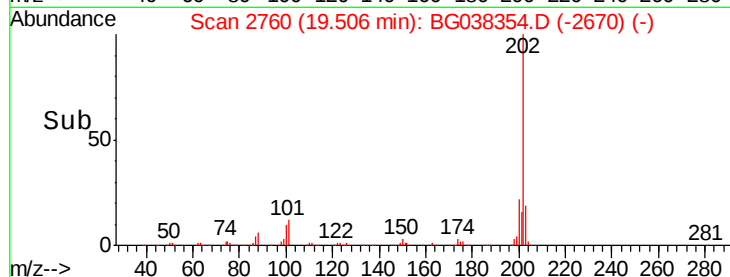
Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

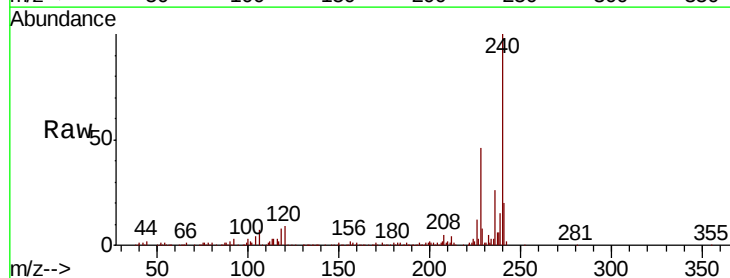
RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	240	Resp:	177958
Ion Ratio		Lower	Upper
240	100		
120	8.5	8.1	12.1
236	26.5	21.4	32.0

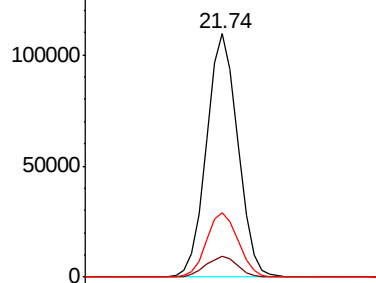


Abundance

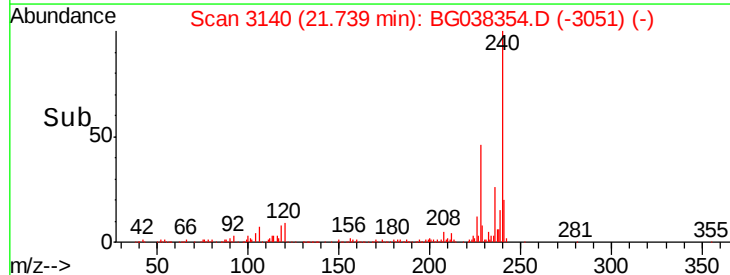
Ion 240.00 (239.70 to 240.70): E

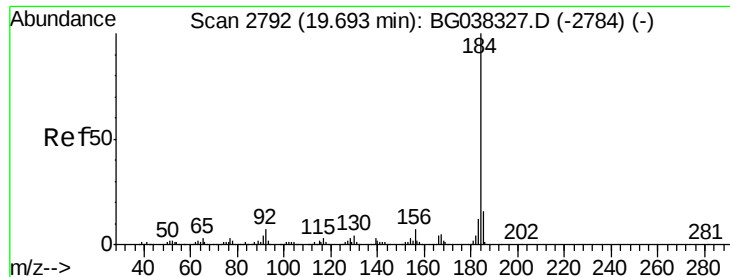
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 16.373 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

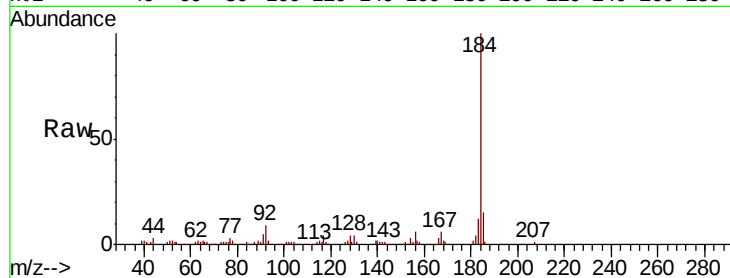
ClientSampleId :

JC-02-113018-AMS

Tot Ion:	184	Resp:	98324
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.6	18.8
183	11.7	10.2	15.2

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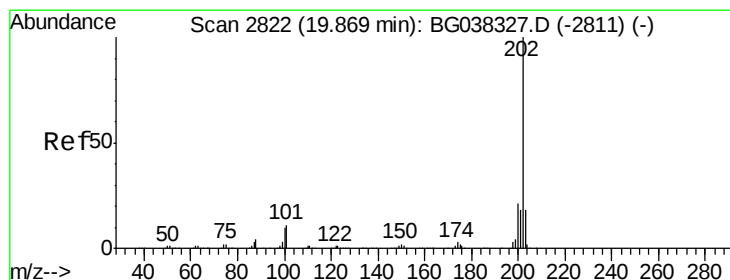
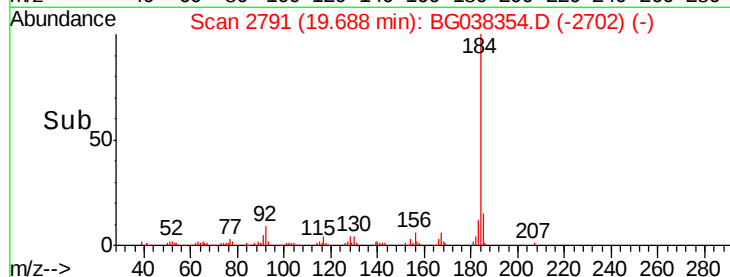
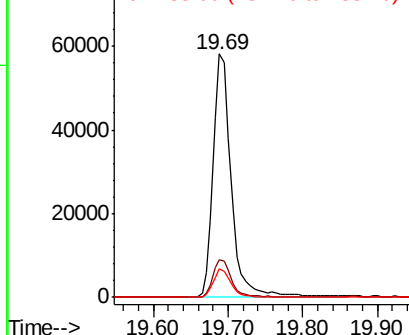


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 65.895 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

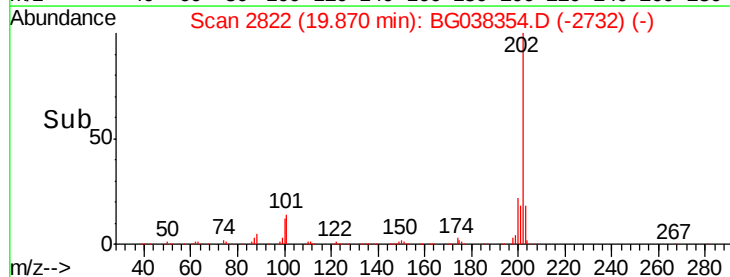
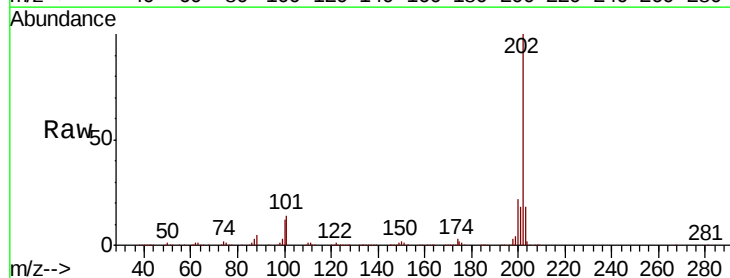
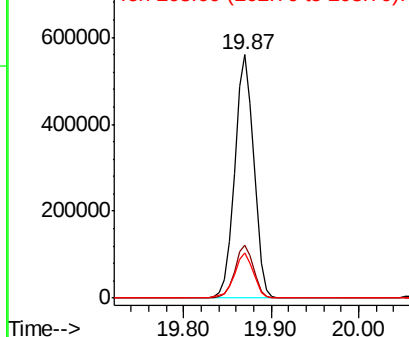
Tgt Ion:	202	Resp:	820484
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.3	15.2	22.8

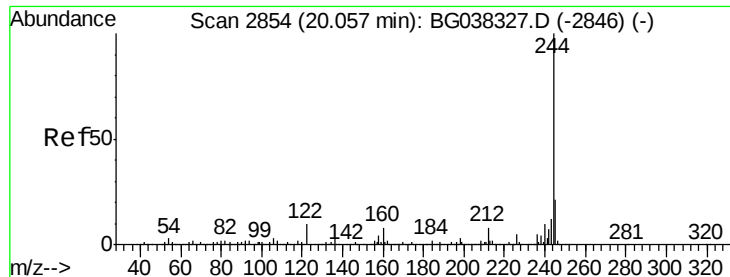
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





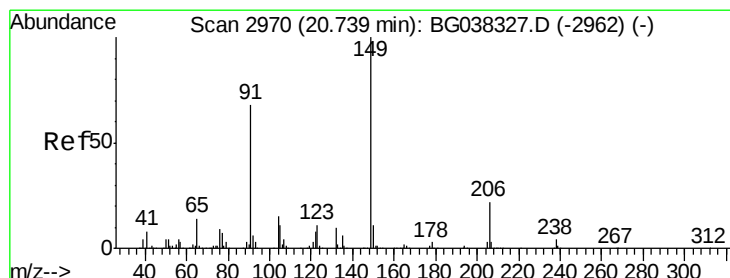
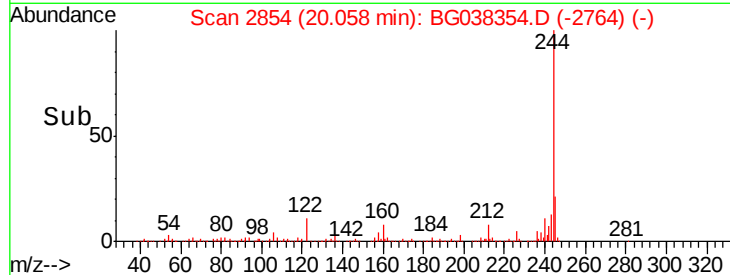
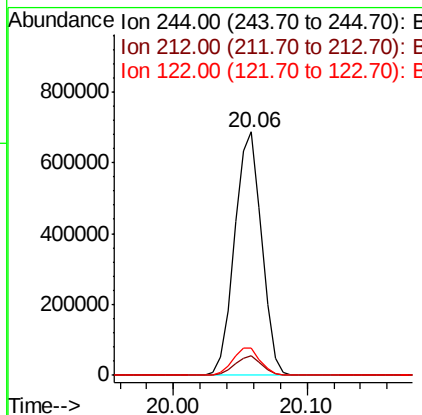
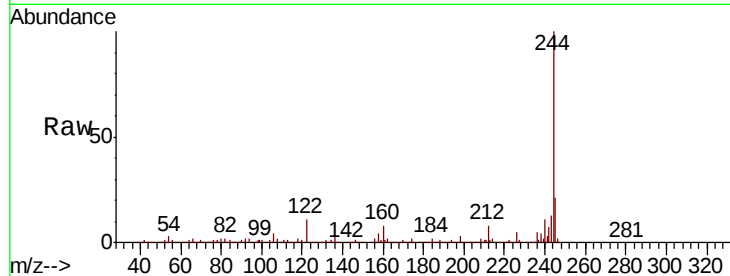
#79
 Terphenyl-d14
 Concen: 116.191 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.5	9.0	13.4

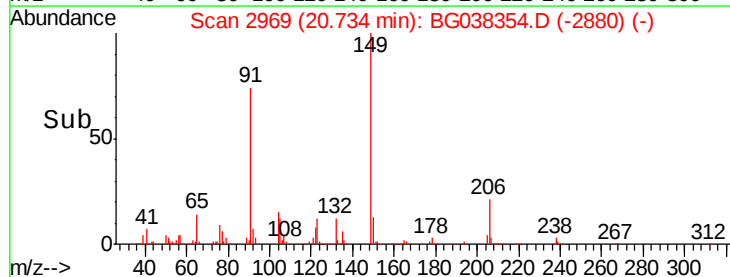
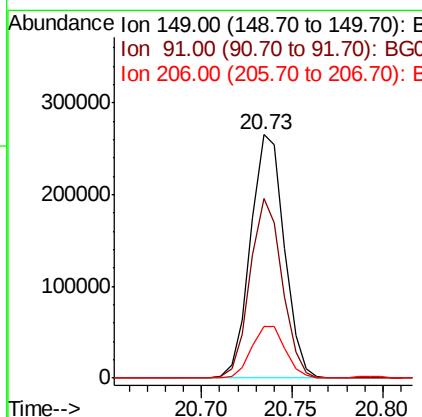
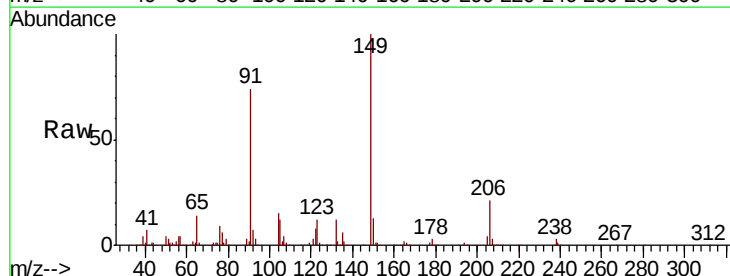
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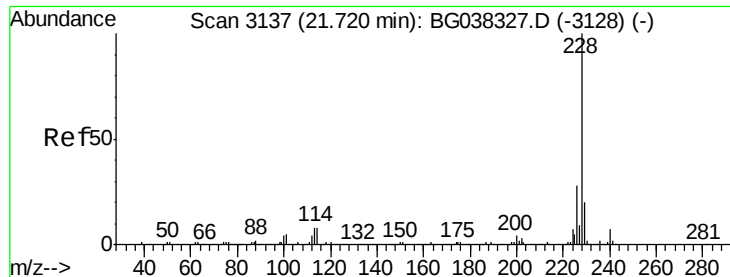
mohammad
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#80
 Butylbenzylphthalate
 Concen: 68.595 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.6	57.0	85.4
206	21.2	17.8	26.6





#81

Benzo(a)anthracene

Concen: 46.578 ng

RT: 21.72 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

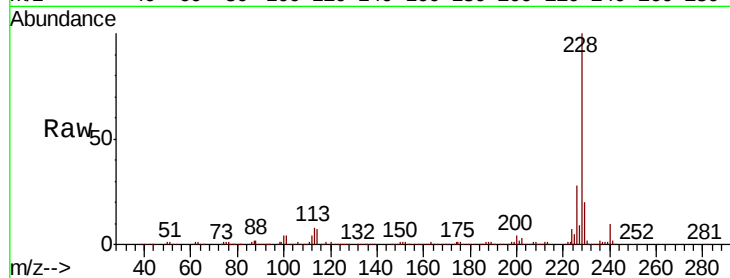
ClientSampleId :

JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	20.4	16.3	24.5

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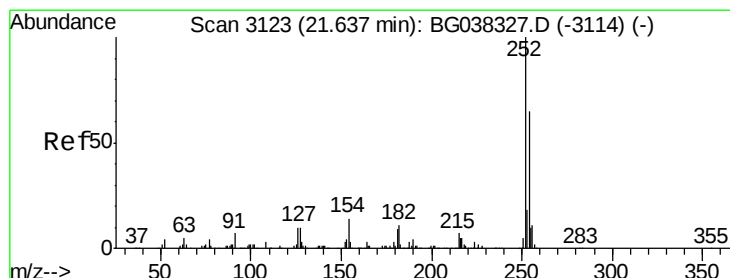
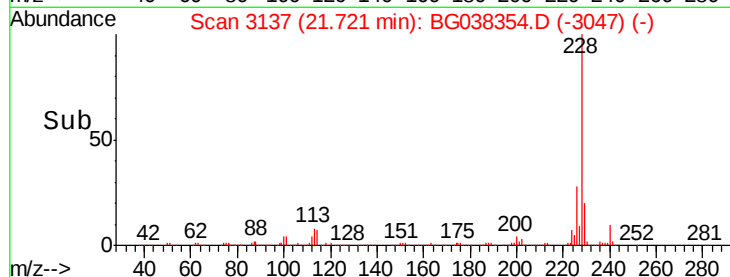
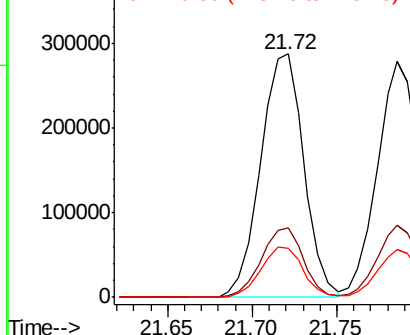


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.194 ng

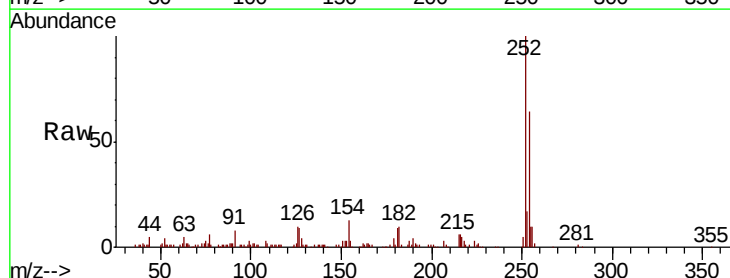
RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.0	78.0
126	9.7	8.2	12.4

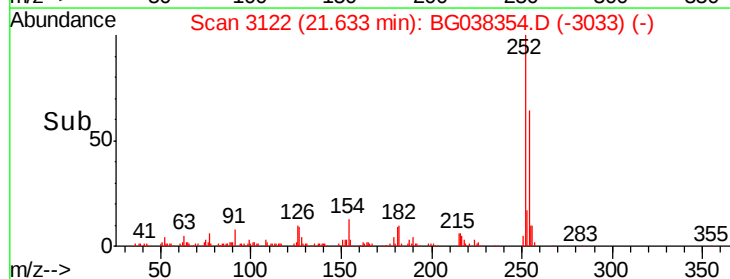
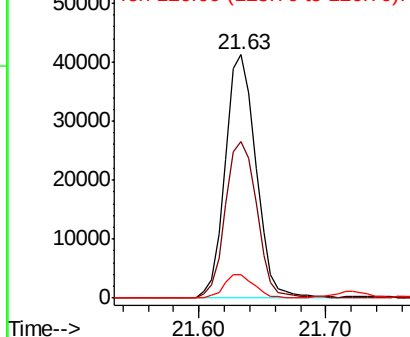


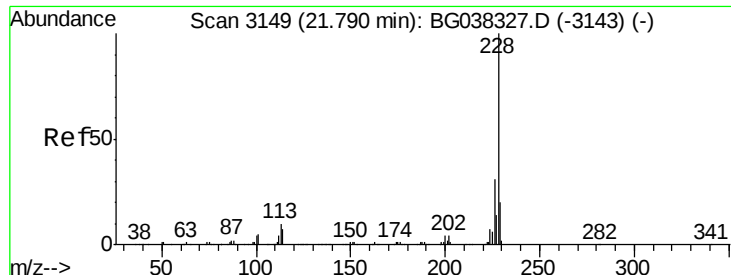
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





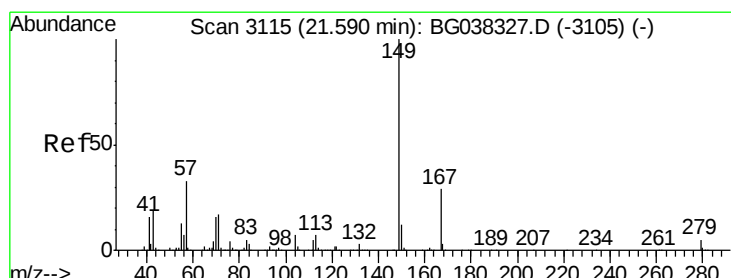
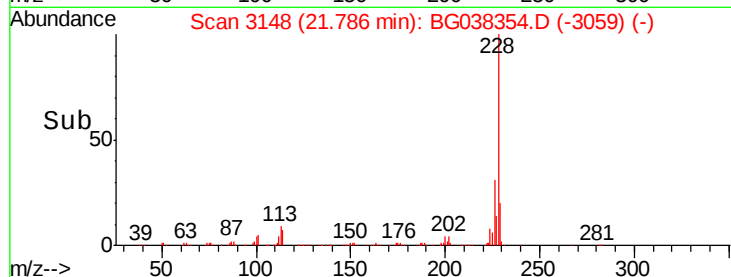
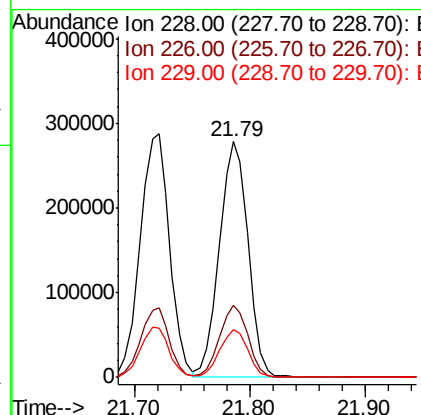
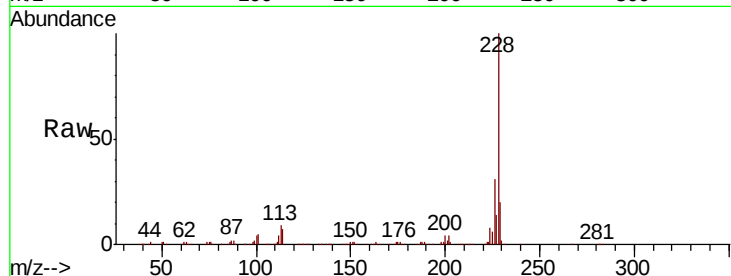
#83
 Chrvsene
 Concen: 46.069 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.7	38.5
229	20.3	16.5	24.7

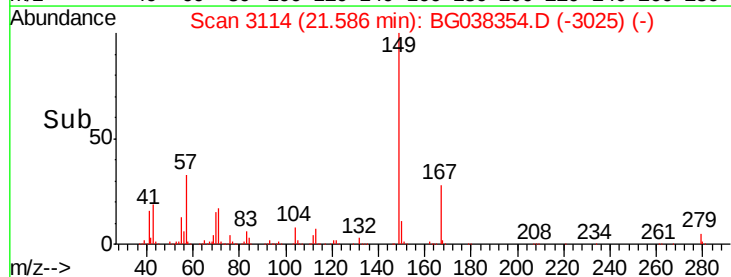
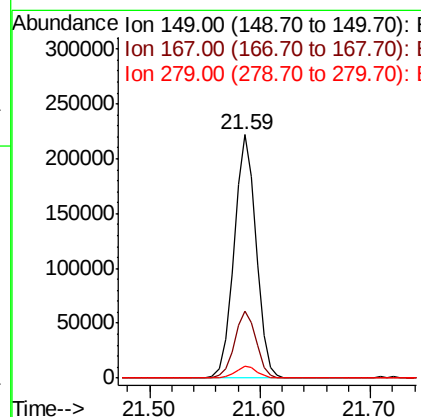
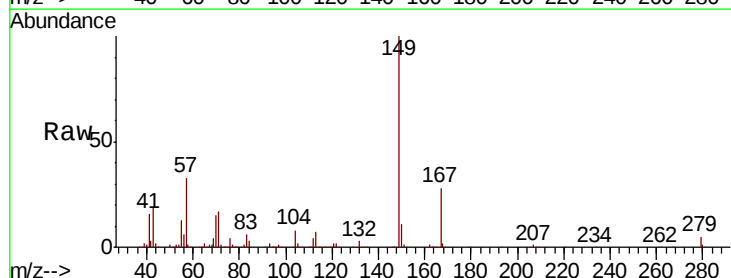
Manual Integrations
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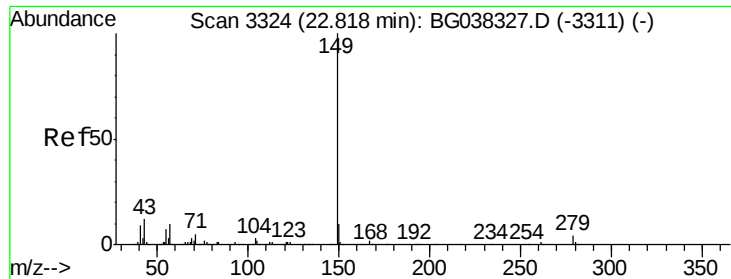
mohammad
 12/6/2018 10:33:25 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.718 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.8	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 44.253 ng

RT: 22.82 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

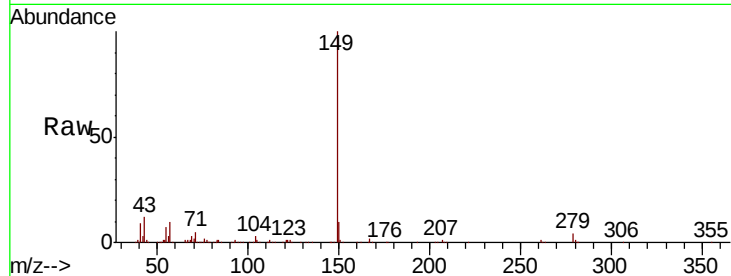
ClientSampleId :

JC-02-113018-AMS

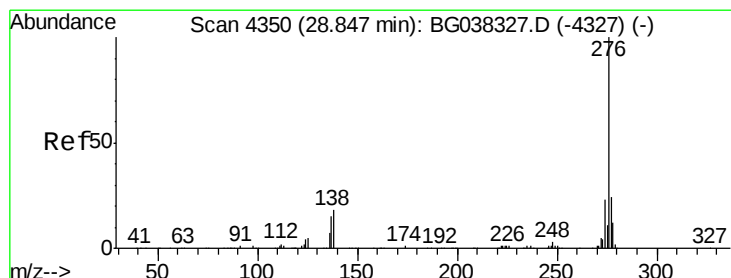
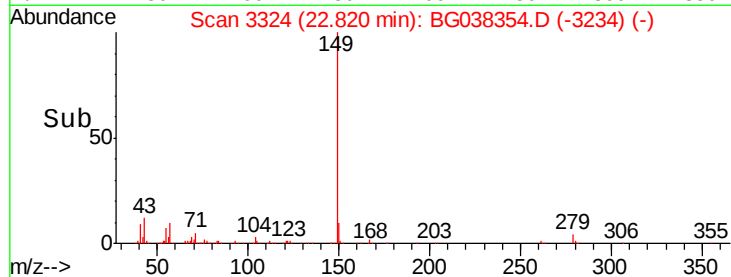
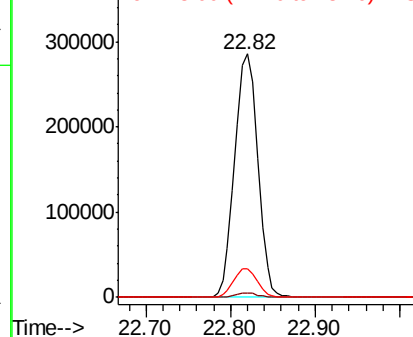
Tot Ion:	149	Resp:	538614
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.9	8.7	13.1

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.126 ng

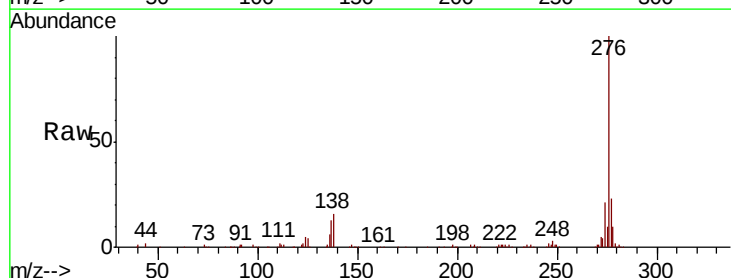
RT: 28.84 min Scan# 4348

Delta R.T. -0.01 min

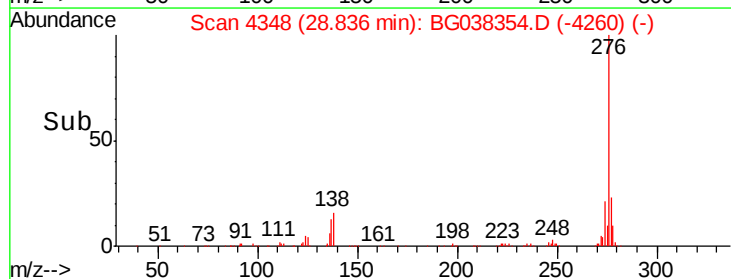
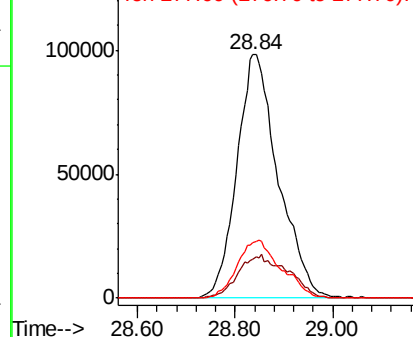
Lab File: BG038354.D

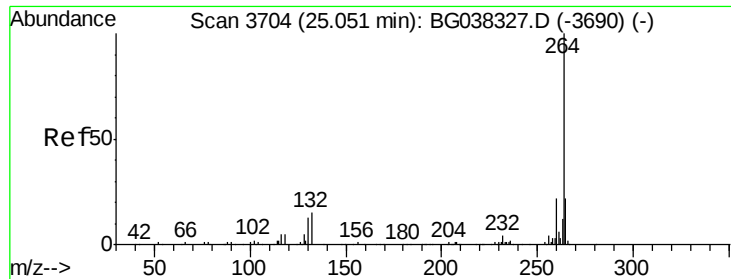
Acq: 5 Dec 2018 11:03

Tgt Ion:	276	Resp:	577866
Ion Ratio	Lower	Upper	
276	100		
138	21.2	12.0	18.0#
277	25.2	20.6	30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





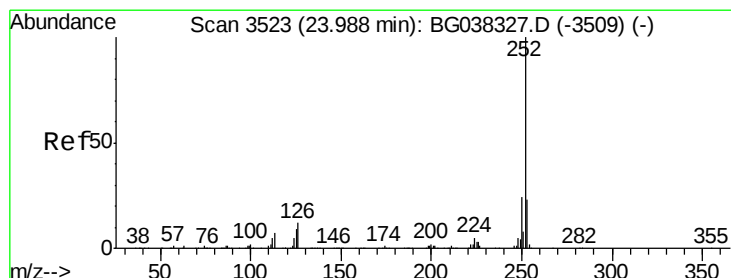
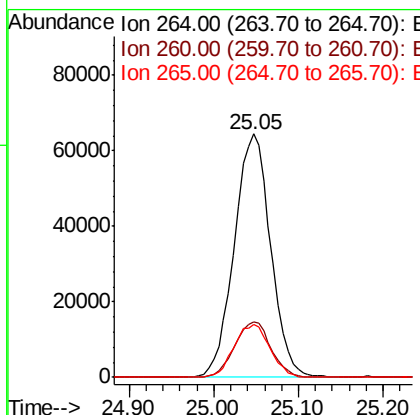
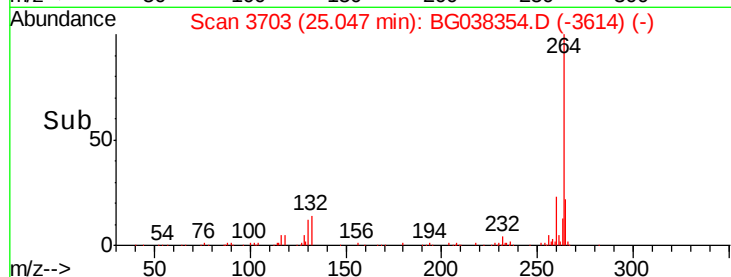
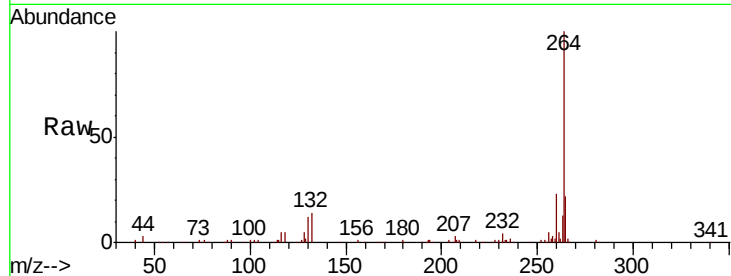
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.6	17.9	26.9

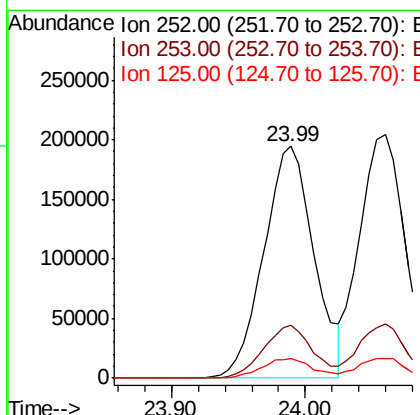
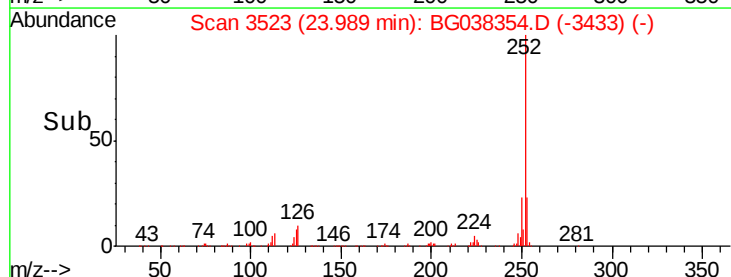
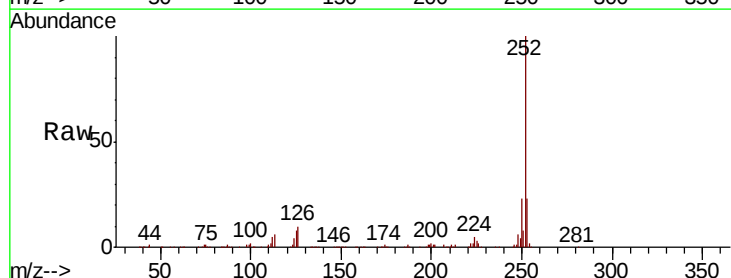
Manual Integrations
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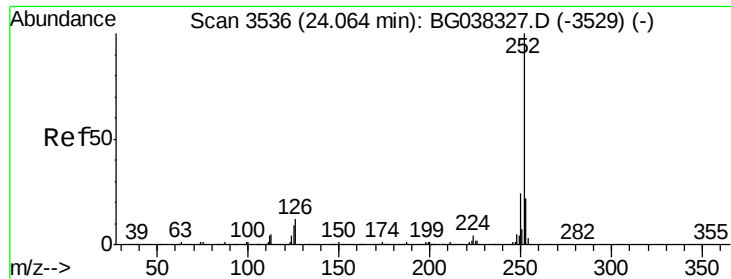
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.855 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.3	7.8	11.6





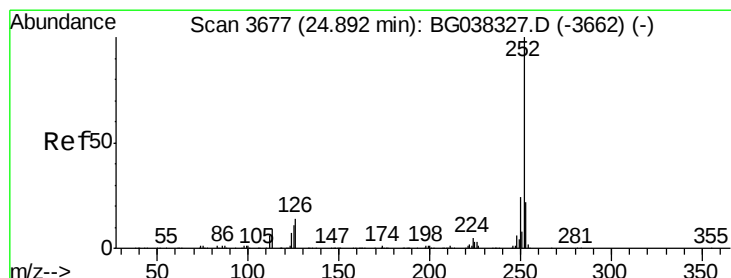
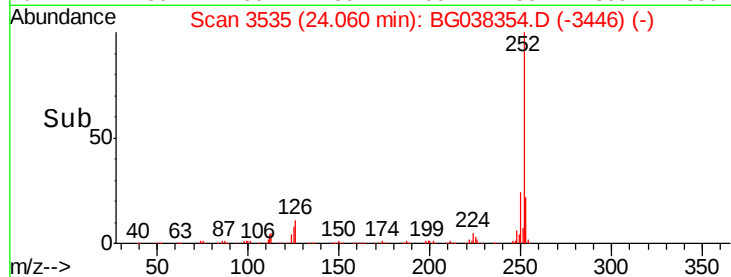
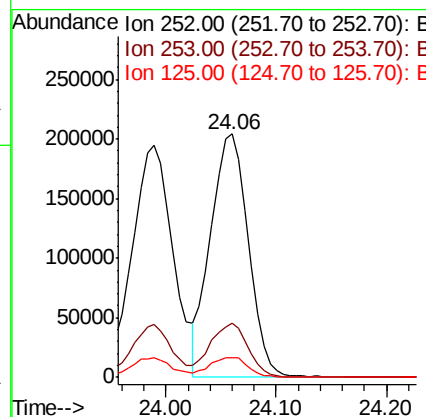
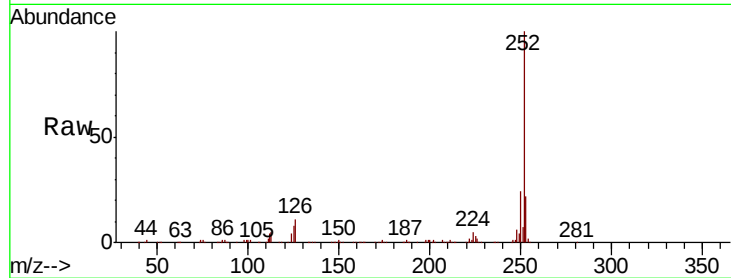
#89
Benzo(k)fluoranthene
Concen: 44.495 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	8.0	7.4	11.0

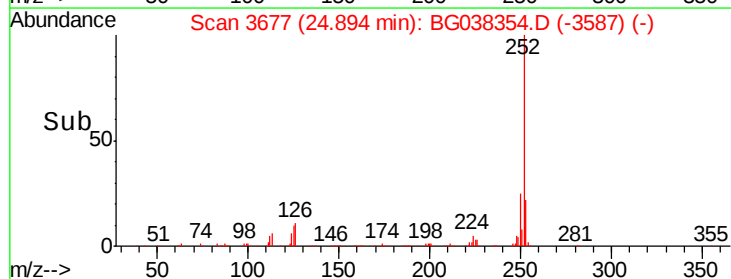
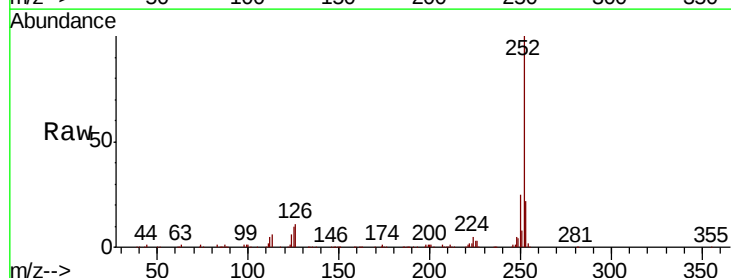
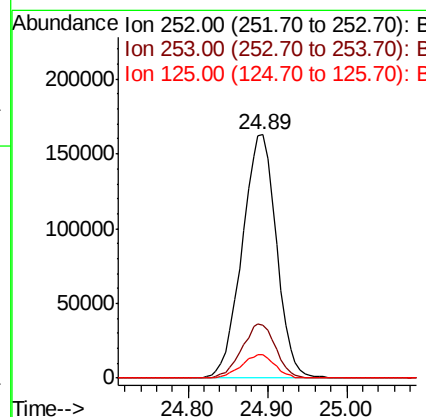
Manual Integrations
APPROVED

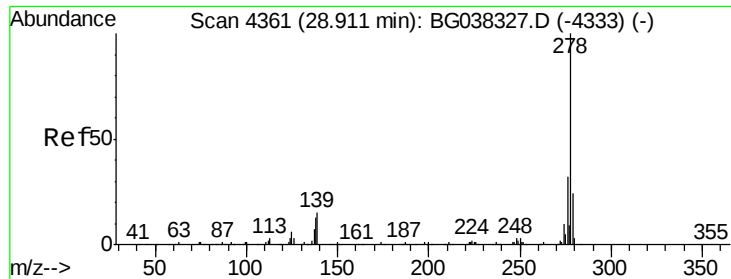
mohammad
12/6/2018 10:33:25 AM



#90
Benzo(a)pyrene
Concen: 46.456 ng
RT: 24.89 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	9.6	9.0	13.6





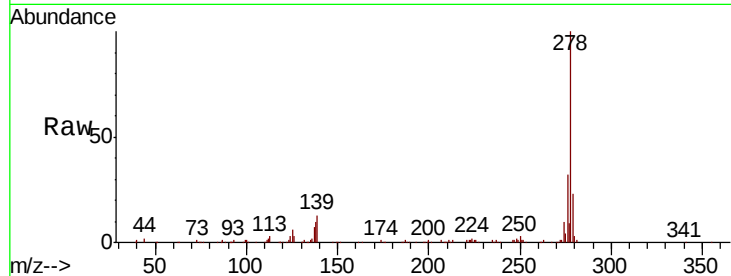
#91
Dibenzo(a,h)anthracene
Concen: 47.711 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :
JC-02-113018-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.5	17.3
279	23.1	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:25 AM

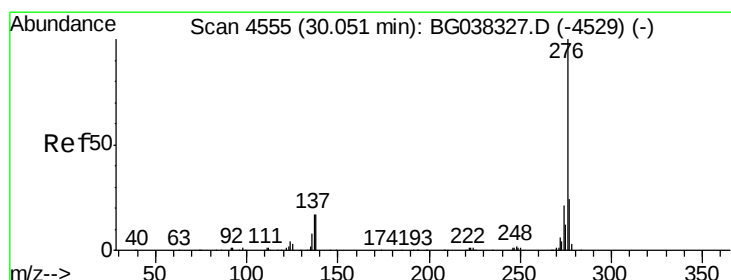
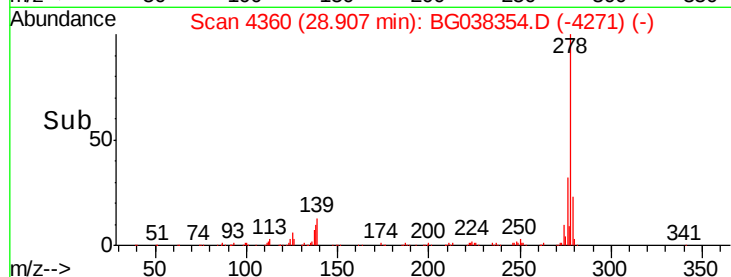
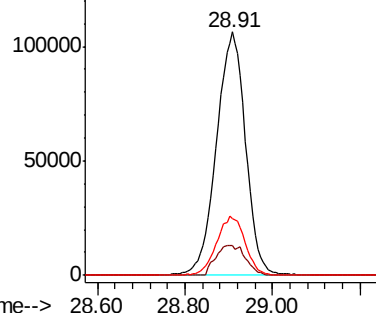


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.022 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	17.8	17.2	25.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

