

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038336.D
 Acq On : 4 Dec 2018 22:36
 Operator : JU/SJ
 Sample : J5764-22MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:32:33 AM

Quant Time: Dec 05 03:34:03 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	28503	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	121562	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	80450	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	247381	20.00	ng	0.00
76) Chrysene-d12	21.74	240	185435	20.00	ng	0.00
87) Perylene-d12	25.05	264	199805	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	186303	115.67	ng	0.00
7) Phenol-d6	7.22	99	243470	104.59	ng	0.00
23) Nitrobenzene-d5	9.25	82	216972	88.61	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	129713	131.34	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	431903	76.50	ng	0.00
79) Terphenyl-d14	20.06	244	760745	87.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	23375	31.665	ng	# 1
3) Pyridine	3.92	79	75666	34.262	ng	98
4) n-Nitrosodimethylamine	3.83	42	49933	51.617	ng	96
6) Aniline	7.40	93	56305	18.937	ng	98
8) 2-Chlorophenol	7.63	128	87075	46.549	ng	97
9) Benzaldehyde	7.21	77	45766	31.046	ng	97
10) Phenol	7.25	94	95708	38.911	ng	88
11) bis(2-Chloroethyl)ether	7.49	93	82832	41.120	ng	96
12) 1,3-Dichlorobenzene	7.96	146	88327	40.401	ng	99
13) 1,4-Dichlorobenzene	8.11	146	88988	39.339	ng	99
14) 1,2-Dichlorobenzene	8.43	146	86977	42.201	ng	100
15) Benzyl Alcohol	8.31	79	83365	43.558	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	185204	40.420	ng	97
17) 2-Methylphenol	8.51	107	76722	45.333	ng	97
18) Hexachloroethane	9.15	117	36829	45.110	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	71560	42.173	ng	94
20) 3+4-Methylphenols	8.84	107	105513	42.581	ng	98
22) Acetophenone	8.90	105	133873	46.015	ng	# 97
24) Nitrobenzene	9.29	77	122821	49.373	ng	98
25) Isophorone	9.81	82	260676	60.581	ng	98
26) 2-Nitrophenol	10.00	139	56717	49.206	ng	91
27) 2,4-Dimethylphenol	10.05	122	97543	58.919	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	121412	49.220	ng	99
29) 2,4-Dichlorophenol	10.53	162	94404	49.954	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	92727	41.798	ng	99
31) Naphthalene	10.95	128	277886	47.856	ng	99
32) Benzoic acid	10.18	122	43638	38.206	ng	95
33) 4-Chloroaniline	11.07	127	10542	4.101	ng	99
34) Hexachlorobutadiene	11.20	225	56769	40.904	ng	96
35) Caprolactam	11.84	113	38377m	49.106	ng	
36) 4-Chloro-3-methylphenol	12.16	107	139645	66.506	ng	99
37) 2-Methylnaphthalene	12.54	142	210158	50.821	ng	97
38) 1-Methylnaphthalene	12.76	142	201656	50.915	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	114516	41.367	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	131597	86.504	nq	97
43) 2,4,6-Trichlorophenol	13.14	196	84099	46.897	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	94248	49.611	nq	97
46) 1,1'-Biphenyl	13.54	154	279937	41.165	nq	99
47) 2-Chloronaphthalene	13.59	162	219447	42.765	nq	99
48) 2-Nitroaniline	13.80	65	81509	47.345	nq	98
49) Acenaphthylene	14.44	152	374265	48.427	nq	99
50) Dimethylphthalate	14.16	163	311130	48.216	nq	100
51) 2,6-Dinitrotoluene	14.29	165	71349	48.405	nq	96
52) Acenaphthene	14.78	154	216578	45.968	nq	97
53) 3-Nitroaniline	14.62	138	21623	13.621	nq	# 93
54) 2,4-Dinitrophenol	14.83	184	93940	116.260	nq	# 82
55) Dibenzofuran	15.11	168	353718	45.412	nq	98
56) 4-Nitrophenol	14.92	139	106041	84.560	nq	85
57) 2,4-Dinitrotoluene	15.08	165	100676	49.521	nq	# 97
58) Fluorene	15.76	166	291496	50.797	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85603	51.882	nq	98
60) Diethylphthalate	15.51	149	328068	45.891	nq	98
61) 4-Chlorophenyl-phenylether	15.74	204	159964	46.409	nq	99
62) 4-Nitroaniline	15.79	138	72528	46.451	nq	92
63) Azobenzene	16.03	77	294556	47.080	nq	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	63871	39.405	nq	94
66) n-Nitrosodiphenylamine	15.96	169	267954	38.519	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	100981	37.800	nq	98
68) Hexachlorobenzene	16.75	284	104103	37.780	nq	99
69) Atrazine	16.90	200	111377	42.907	nq	97
70) Pentachlorophenol	17.10	266	157674	83.543	nq	97
71) Phenanthrene	17.50	178	559644	45.174	nq	99
72) Anthracene	17.59	178	520965	43.424	nq	99
73) Carbazole	17.87	167	466101	39.144	nq	99
74) Di-n-butylphthalate	18.40	149	616816	44.341	nq	98
75) Fluoranthene	19.51	202	604907	41.792	nq	97
77) Benzidine	19.69	184	63937	10.218	nq	99
78) Pyrene	19.87	202	603922	46.547	nq	99
80) Butylbenzylphthalate	20.74	149	249209	47.756	nq	97
81) Benzo(a)anthracene	21.72	228	566891	49.740	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	85329	19.246	nq	96
83) Chrysene	21.79	228	525867	48.759	nq	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	349371	47.235	nq	98
85) Di-n-octyl phthalate	22.82	149	790658	62.342	nq	99
86) Indeno(1,2,3-cd)pyrene	28.85	276	725381	59.181	nq	97
88) Benzo(b)fluoranthene	23.99	252	561099	49.700	nq	99
89) Benzo(k)fluoranthene	24.06	252	532269	47.338	nq	98
90) Benzo(a)pyrene	24.89	252	539883	49.301	nq	# 98
91) Dibenzo(a,h)anthracene	28.91	278	565927	54.488	nq	98
92) Benzo(g,h,i)perylene	30.04	276	525945	51.040	nq	95

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

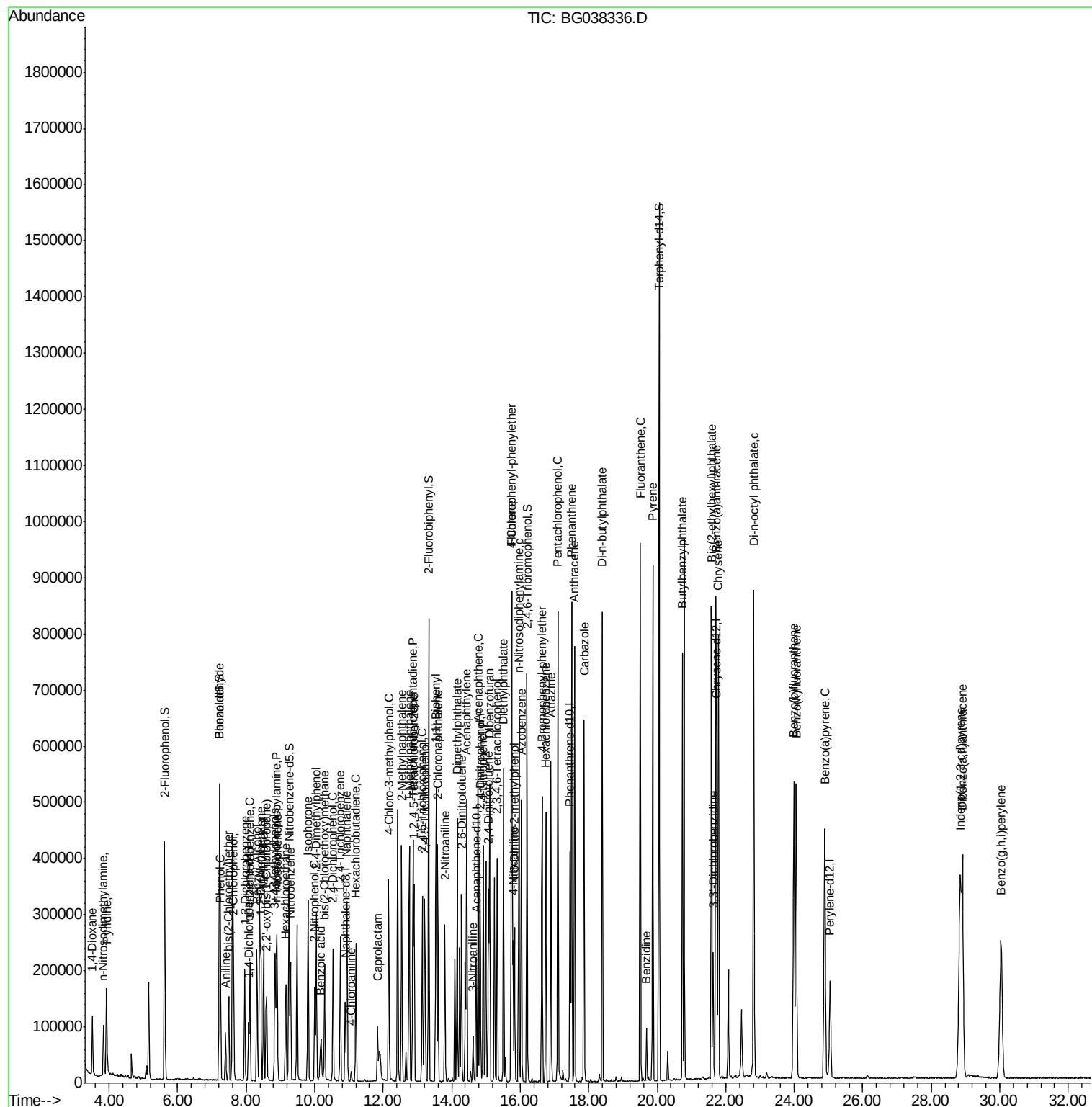
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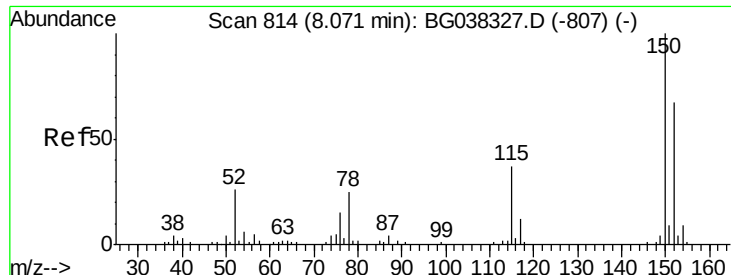
Instrument :
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#1

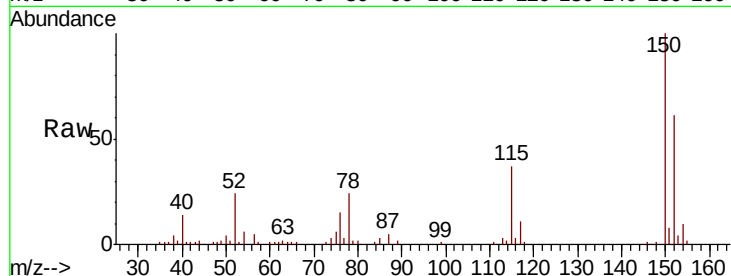
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.9	126.0	189.0
115	60.1	45.5	68.3

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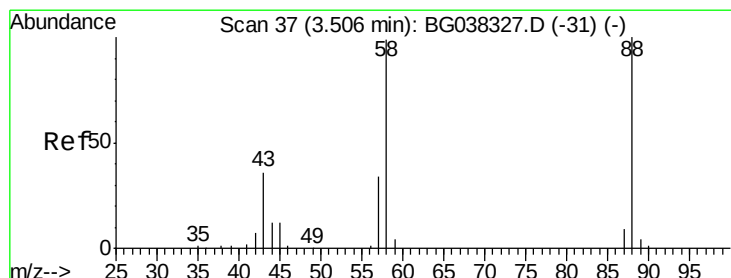
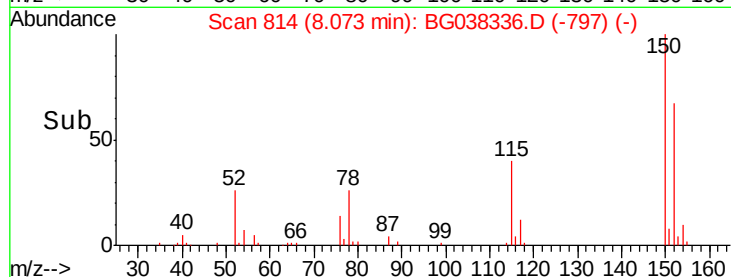
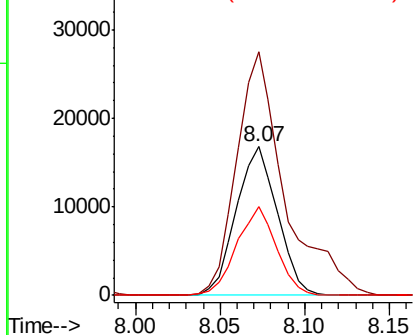


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

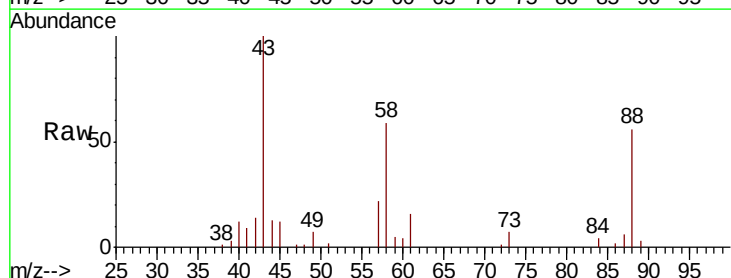
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.665 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.01 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	105.2	74.4	111.6
43	235.4	25.8	38.8#

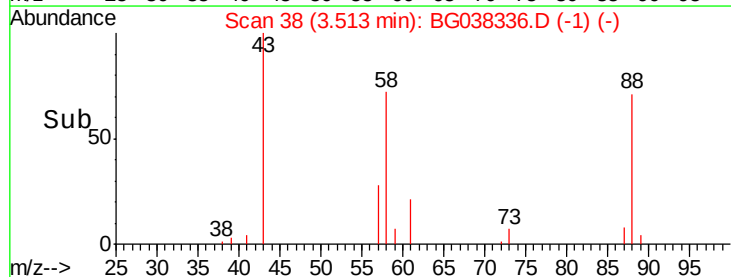
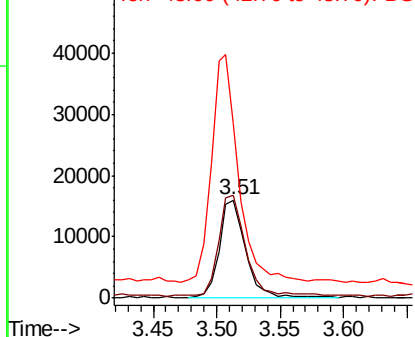


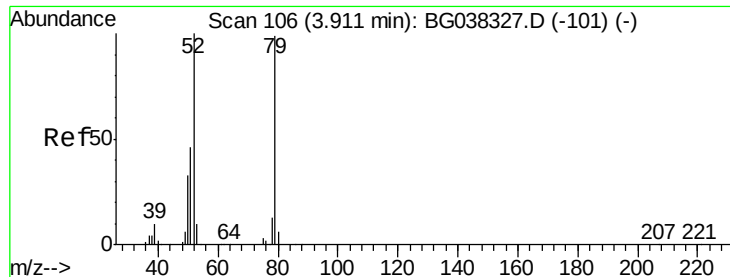
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.262 ng

RT: 3.92 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

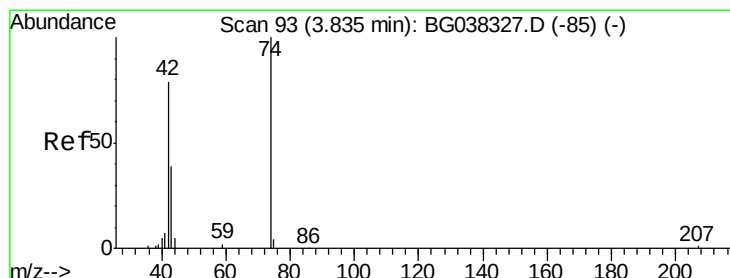
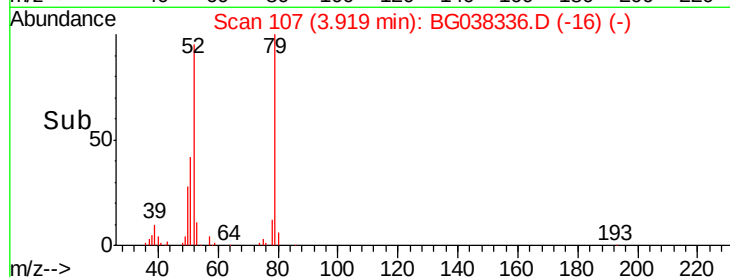
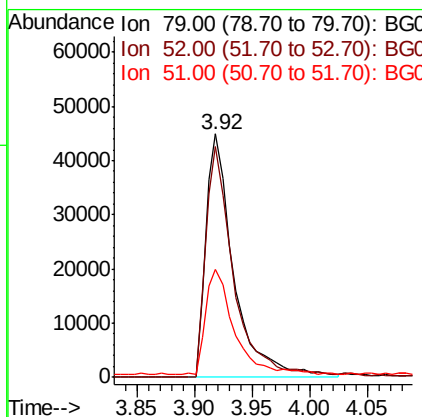
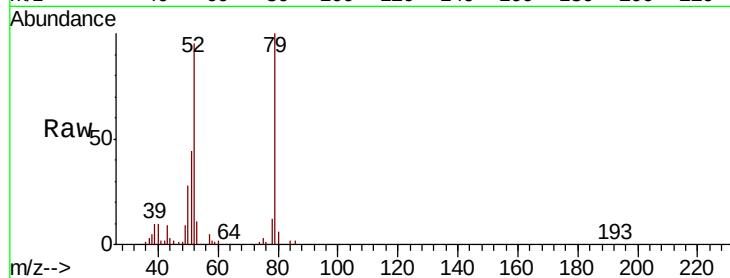
ClientSampleId :

JC-02-113018-AMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	94.9	74.2	111.2
51	44.3	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 51.617 ng

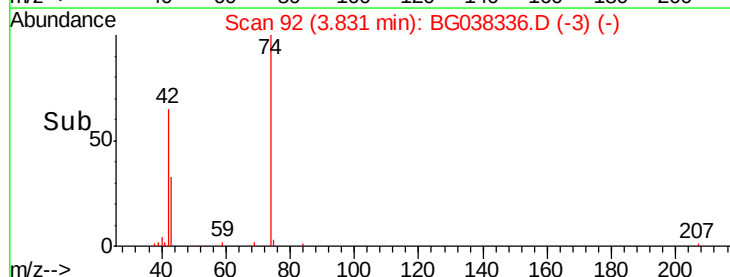
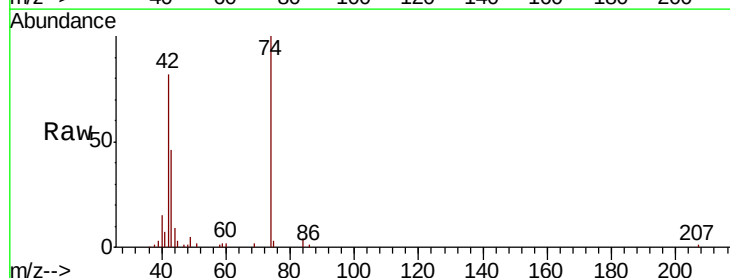
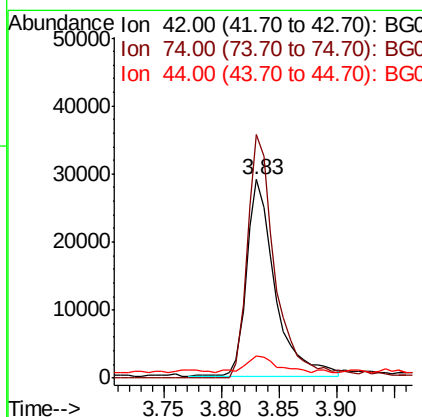
RT: 3.83 min Scan# 92

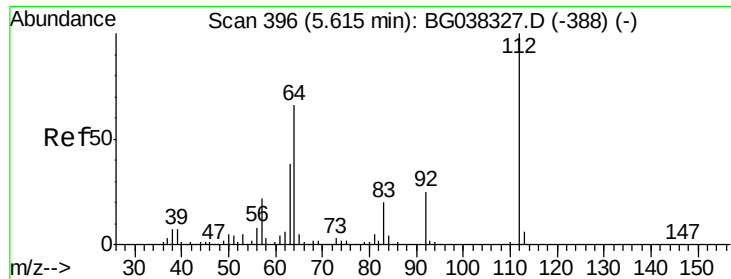
Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	122.6	102.0	153.0
44	11.1	9.6	14.4





#5

2-Fluorophenol

Concen: 115.668 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.01 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

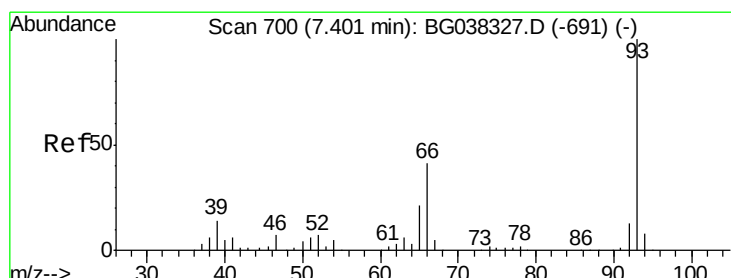
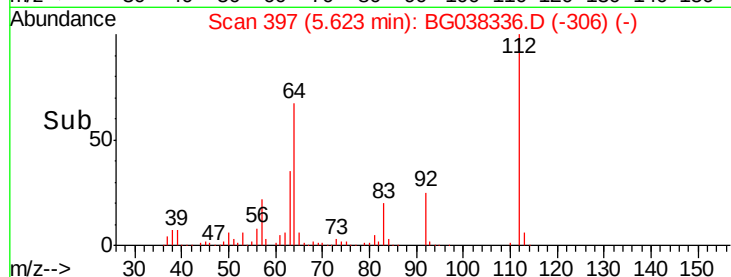
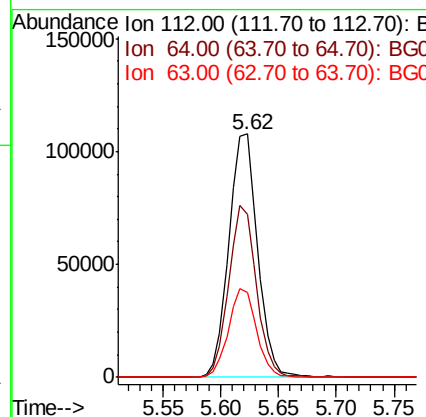
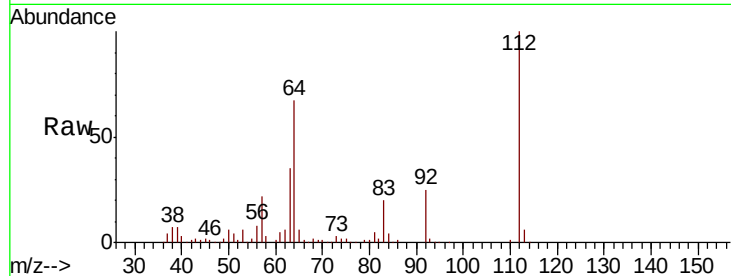
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	112	Resp:	186303
Ion Ratio	Lower	Upper	
112	100		
64	66.8	53.1	79.7
63	35.0	27.3	40.9

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#6

Aniline

Concen: 18.937 ng

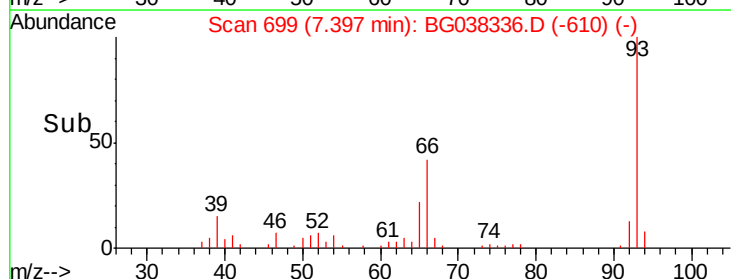
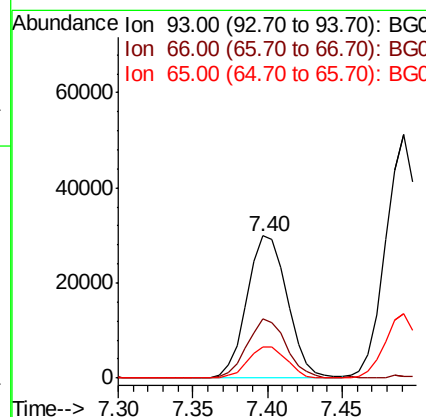
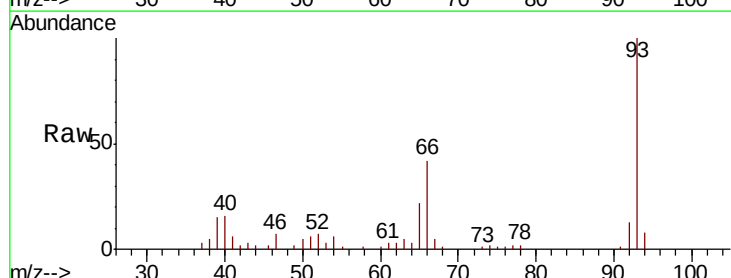
RT: 7.40 min Scan# 699

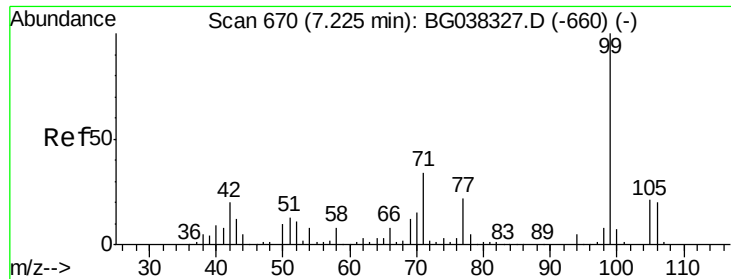
Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion:	93	Resp:	56305
Ion Ratio	Lower	Upper	
93	100		
66	41.9	32.8	49.2
65	21.8	16.4	24.6





#7

Phenol-d6

Concen: 104.586 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

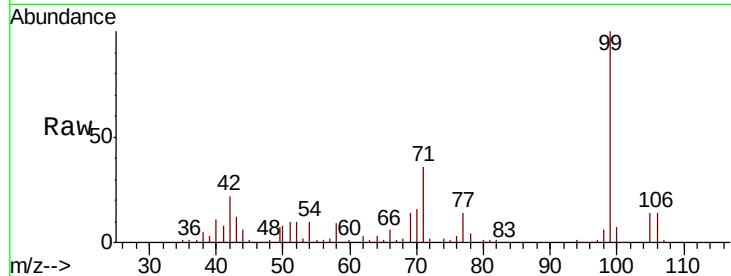
ClientSampleId :

JC-02-113018-AMSD

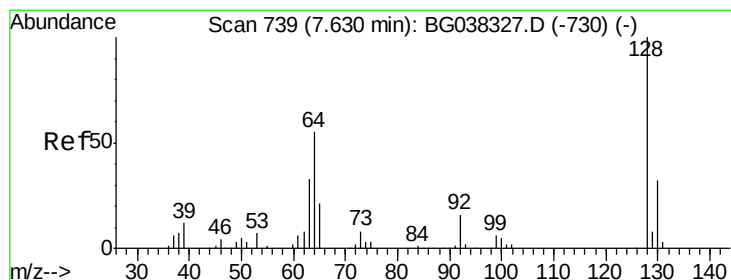
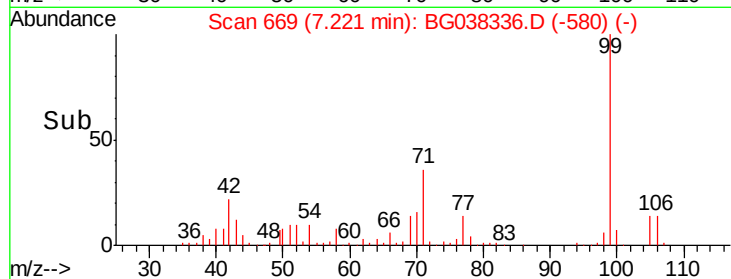
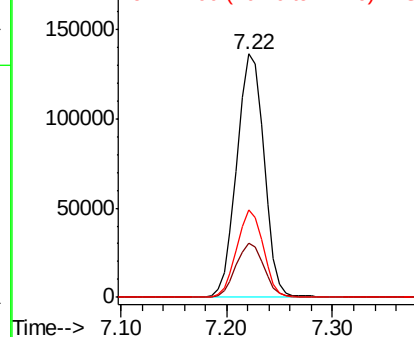
Tot Ion:	99	Resp:	243470
Ion Ratio	Lower	Upper	
99	100		
42	22.1	15.0	22.4
71	35.9	25.5	38.3

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.549 ng

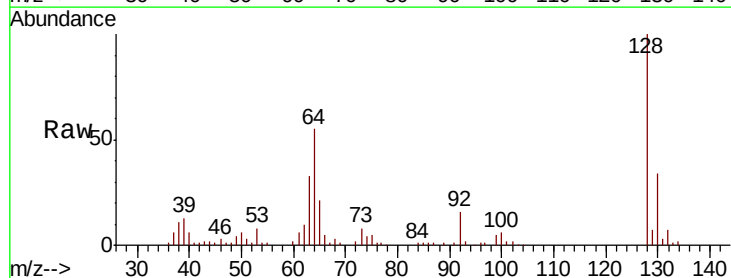
RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

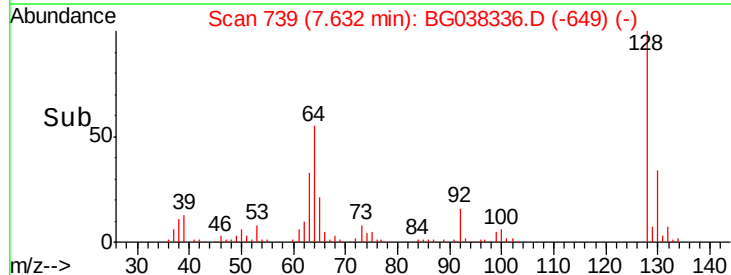
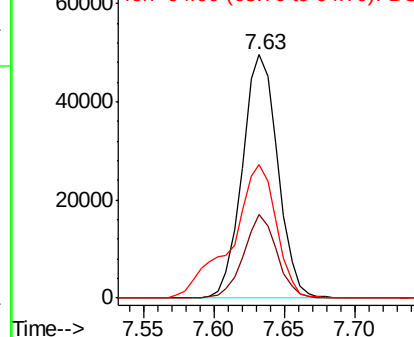
Lab File: BG038336.D

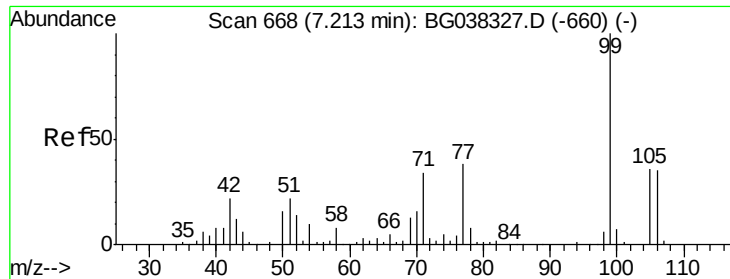
Acq: 4 Dec 2018 22:36

Tgt Ion:	128	Resp:	87075
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.0	52.0
64	54.9	32.9	72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.046 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

Tot Ion: 77 Resp: 45766

Ion Ratio Lower Upper

77 100

105 91.2 72.6 112.6

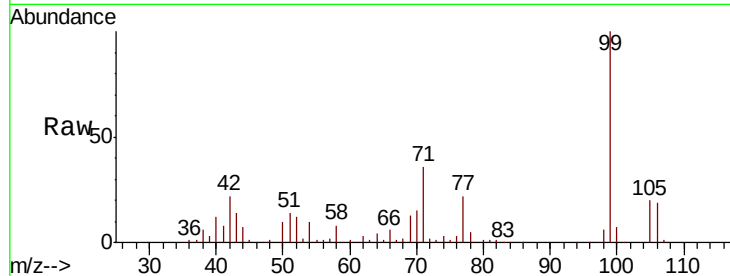
106 87.9 71.3 111.3

Manual Integrations

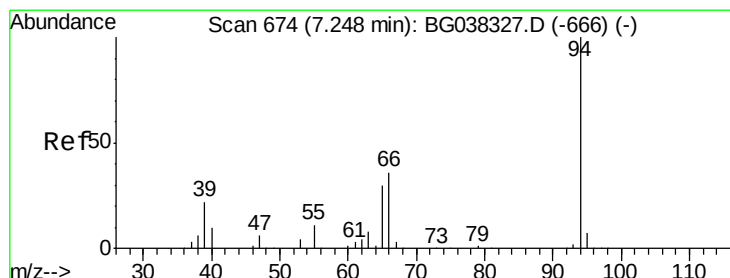
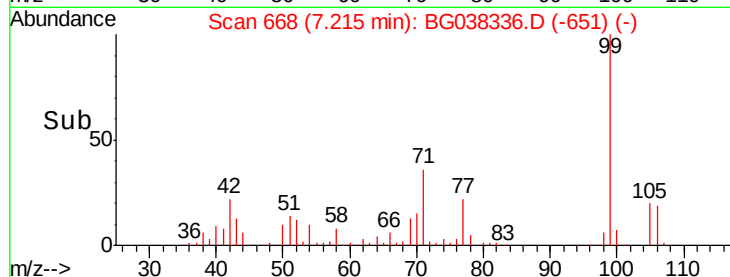
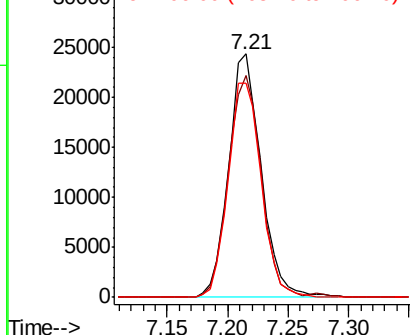
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.911 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

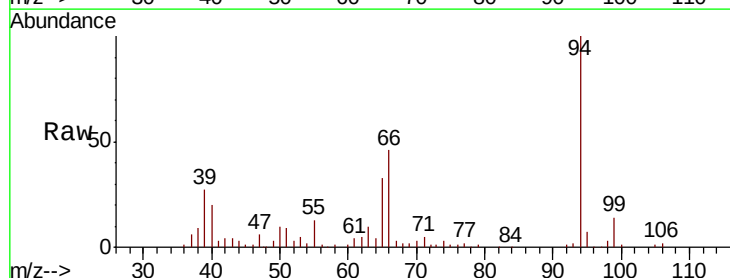
Tgt Ion: 94 Resp: 95708

Ion Ratio Lower Upper

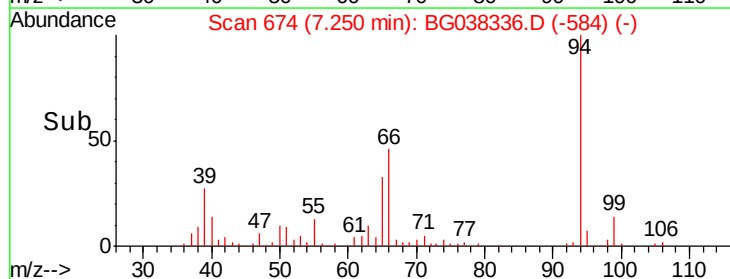
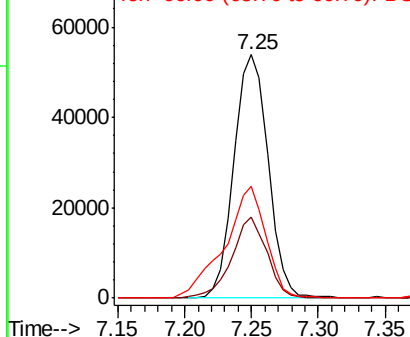
94 100

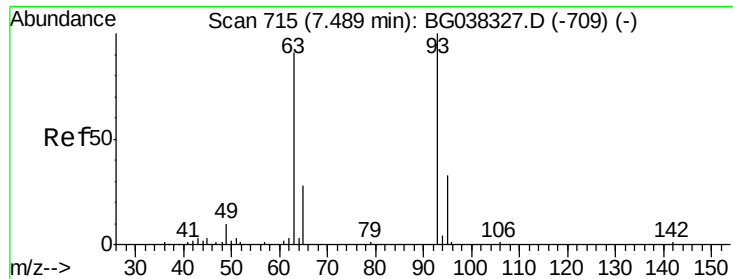
65 33.2 9.7 49.7

66 46.0 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





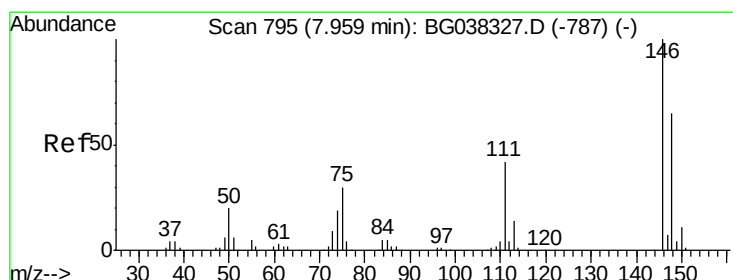
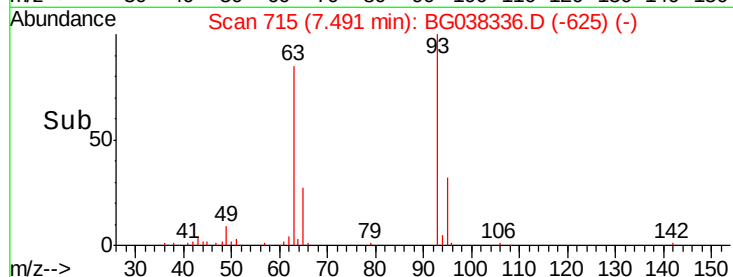
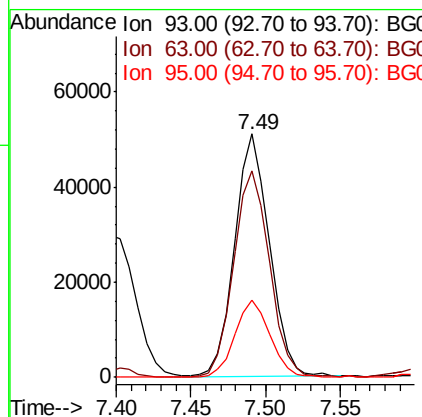
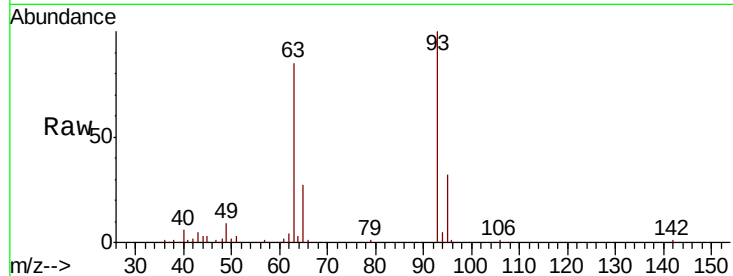
#11
bis(2-Chloroethyl)ether
Concen: 41.120 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		82832		
63	84.6	69.5	109.5		
95	31.6	12.6	52.6		

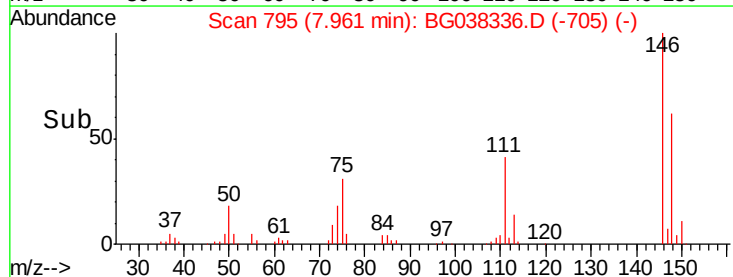
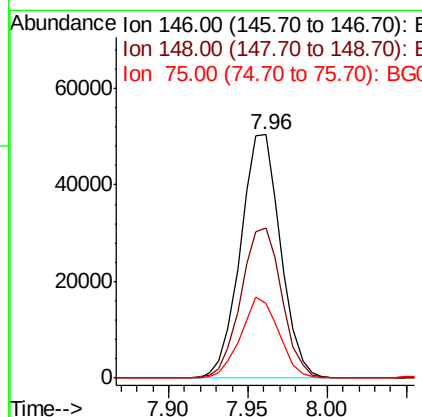
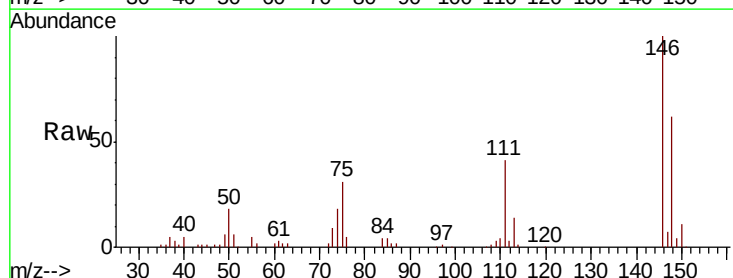
Manual Integrations
APPROVED

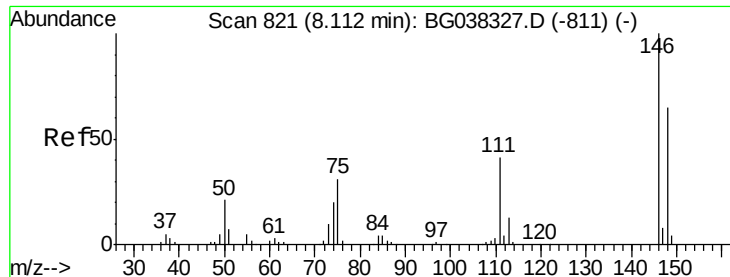
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.401 ng
RT: 7.96 min Scan# 795
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		88327		
148	61.9	49.8	74.8		
75	30.6	23.2	34.8		





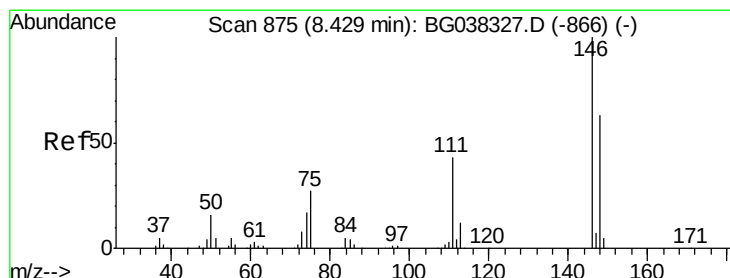
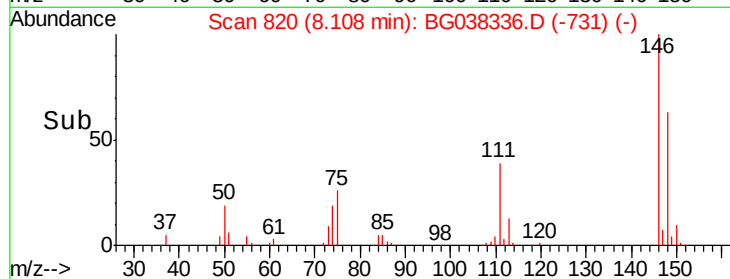
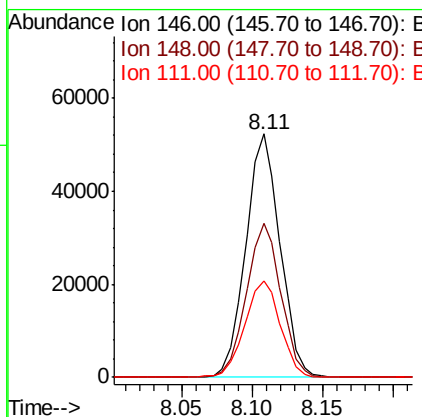
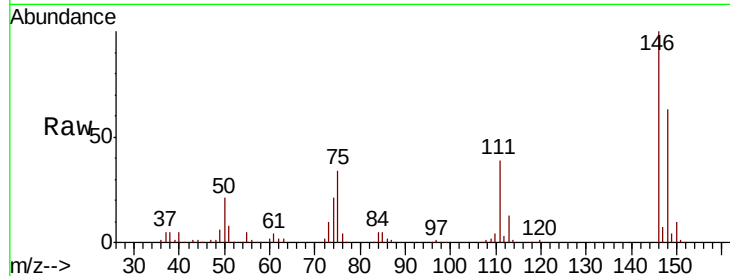
#13
 1,4-Dichlorobenzene
 Concen: 39.339 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.0	76.6
111	39.5	32.4	48.6

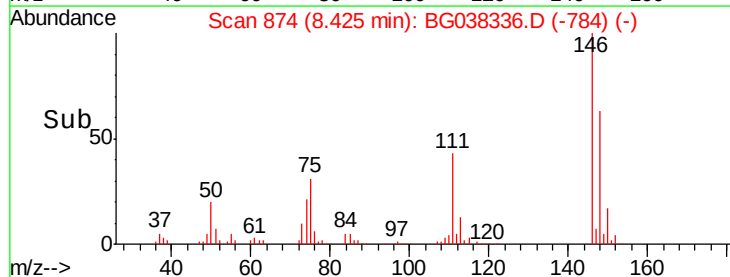
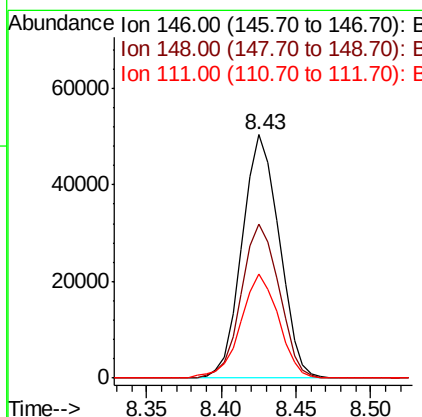
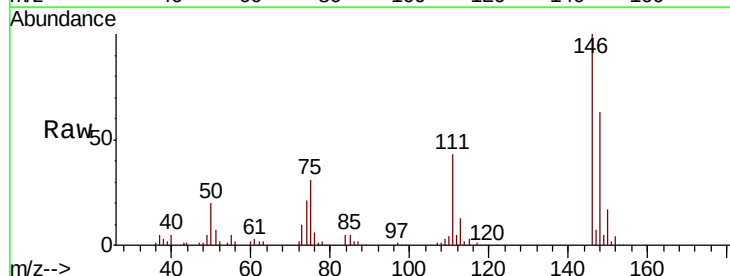
Manual Integrations
 APPROVED

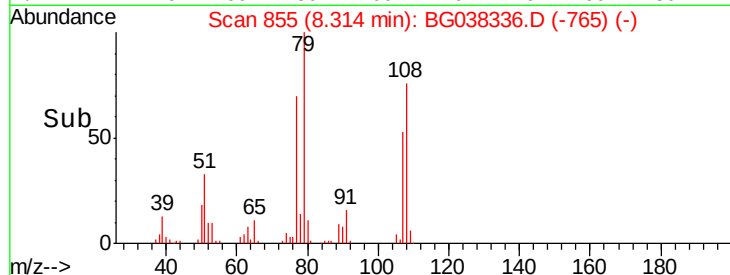
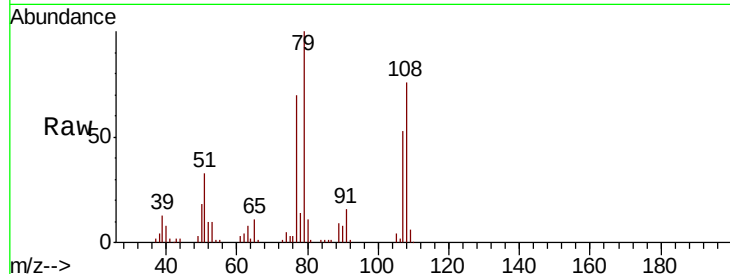
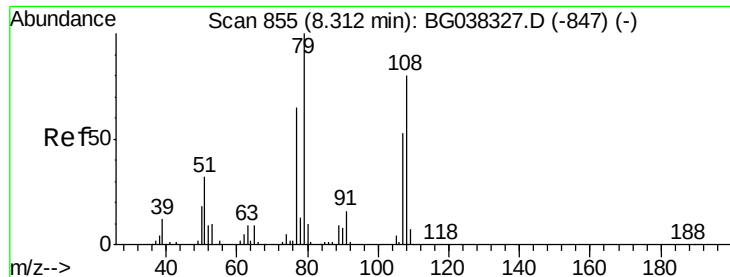
mohammad
 12/6/2018 10:32:33 AM



#14
 1,2-Dichlorobenzene
 Concen: 42.201 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	42.6	34.6	51.8





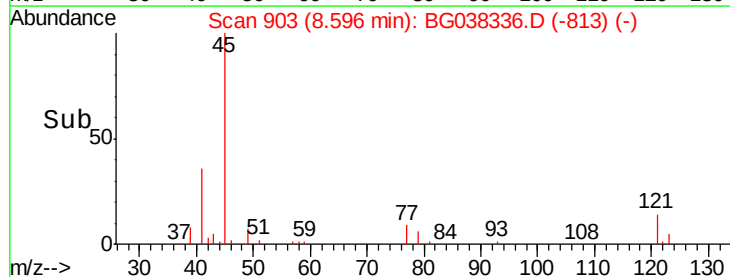
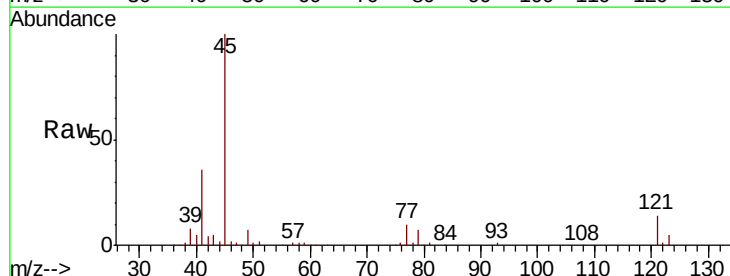
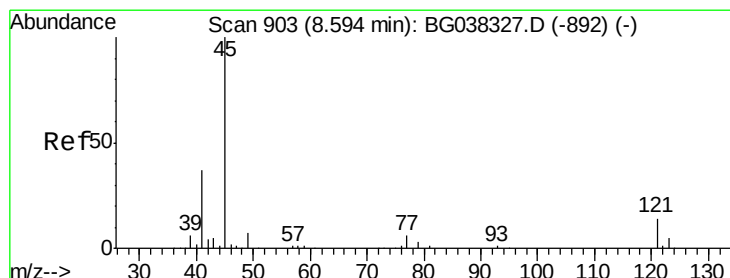
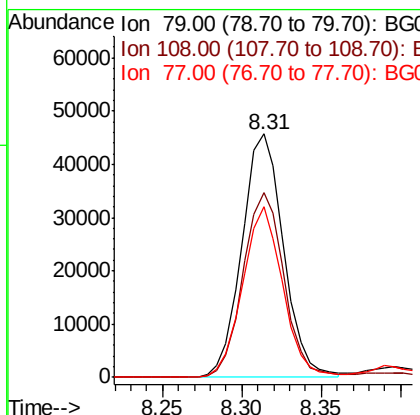
#15
Benzyl Alcohol
Concen: 43.558 ng
RT: 8.31 min Scan# 855
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tot Ion:	79	Resp:	83365
Ion Ratio	Lower	Upper	
79	100		
108	76.0	65.8	98.8
77	70.0	52.9	79.3

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

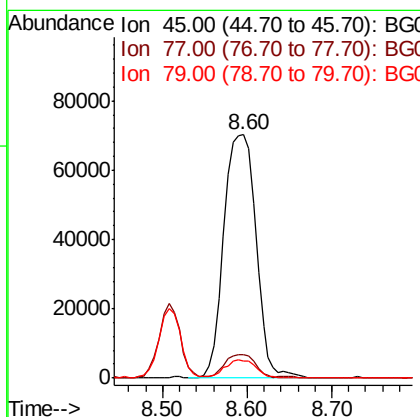
Manual Integrations
APPROVED

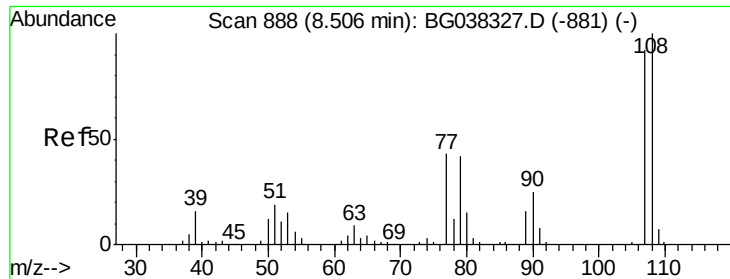
mohammad
12/6/2018 10:32:33 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.420 ng
RT: 8.60 min Scan# 903
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion:	45	Resp:	185204
Ion Ratio	Lower	Upper	
45	100		
77	9.5	0.0	30.0
79	7.0	0.0	29.0





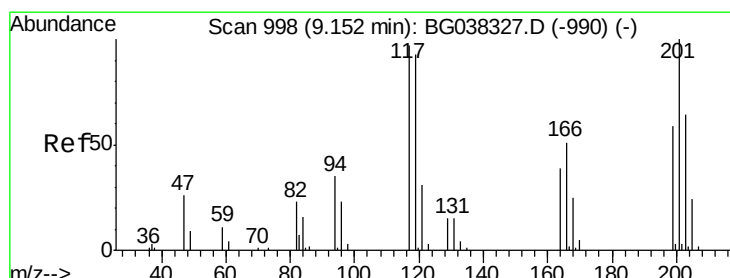
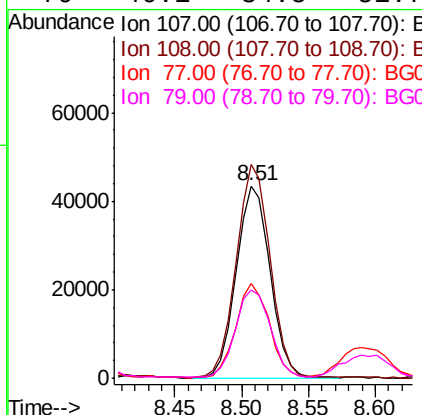
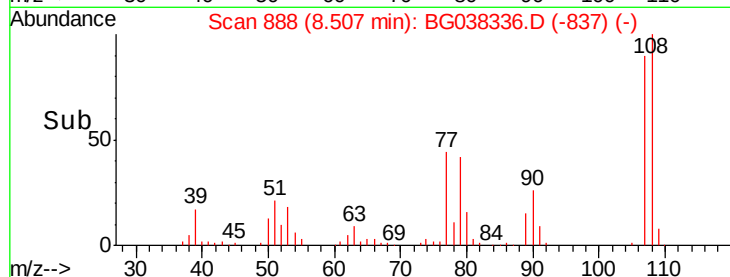
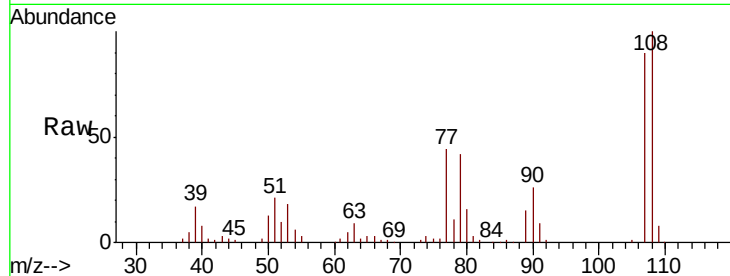
#17
2-Methylphenol
Concen: 45.333 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	87.9	131.9
77	49.2	35.1	52.7
79	46.1	34.5	51.7

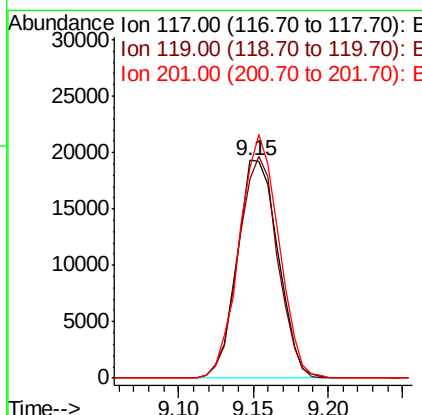
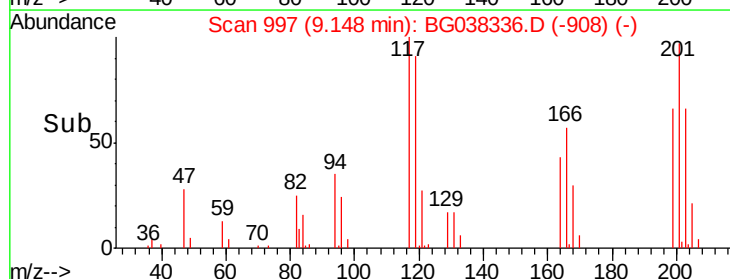
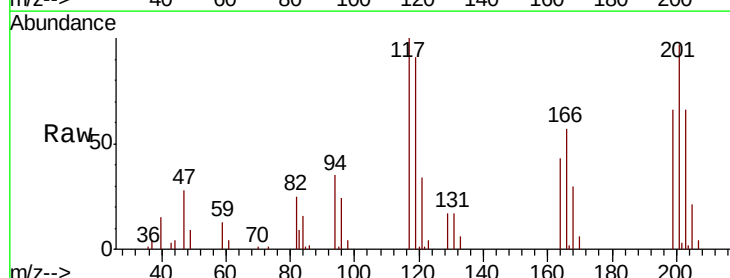
Manual Integrations
APPROVED

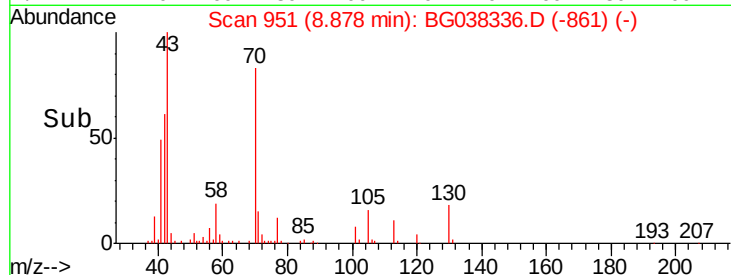
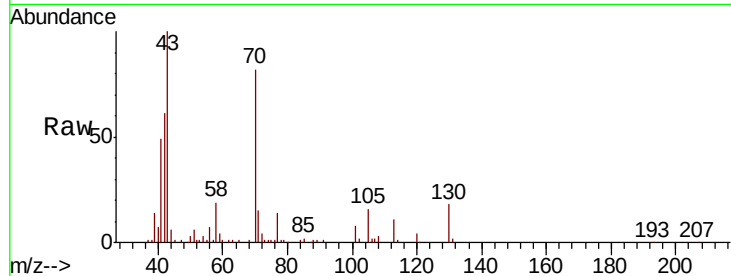
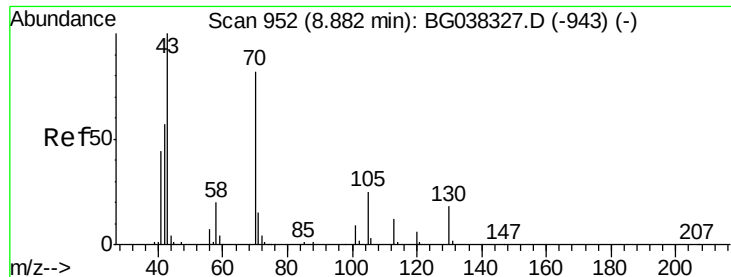
mohammad
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#18
Hexachloroethane
Concen: 45.110 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	74.6	111.8
201	99.9	80.8	121.2





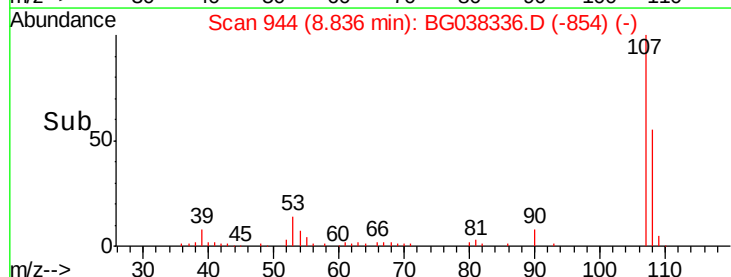
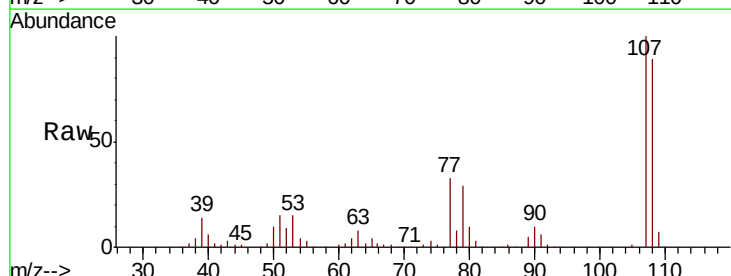
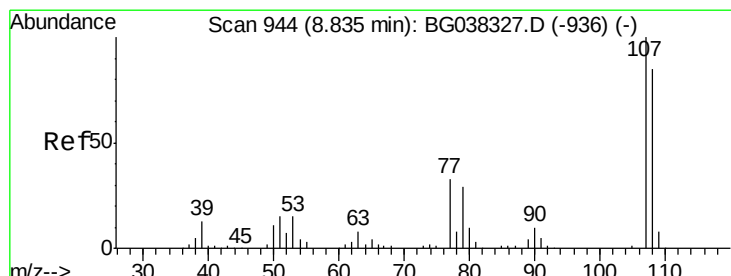
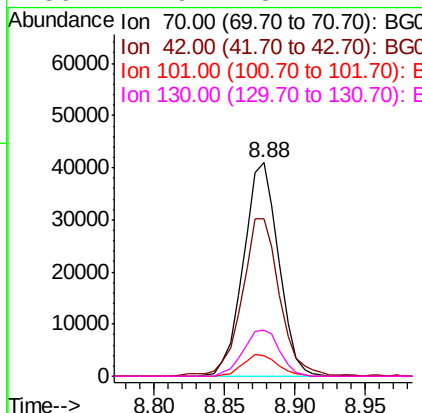
#19
n-Nitroso-di-n-propylamine
Concen: 42.173 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.6	53.9	80.9	
101	9.7	8.2	12.2	
130	21.9	18.2	27.4	

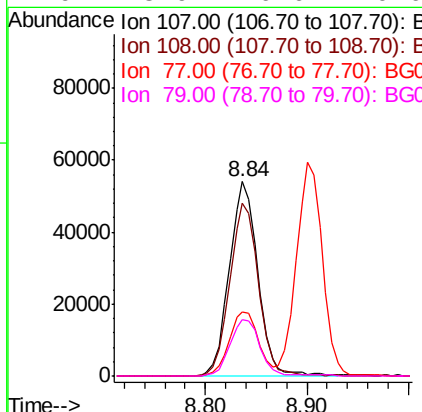
Manual Integrations
APPROVED

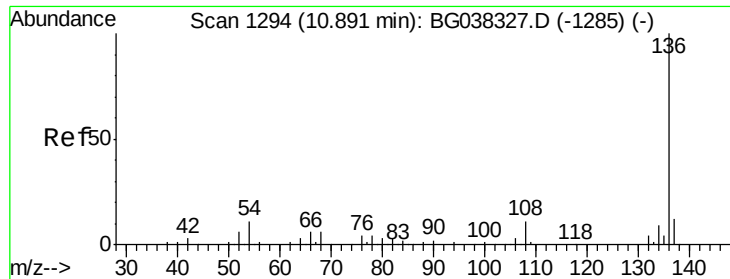
mohammad
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#20
3+4-Methylphenols
Concen: 42.581 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.6	69.9	109.9	
77	32.9	11.2	51.2	
79	28.9	6.6	46.6	





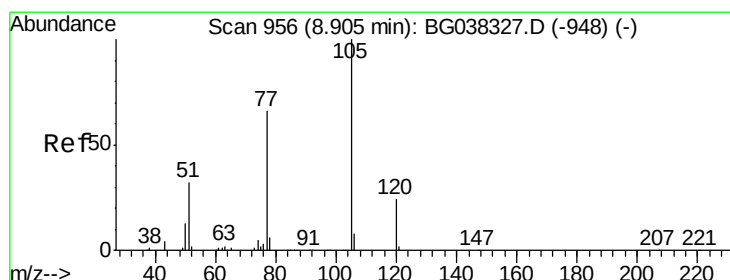
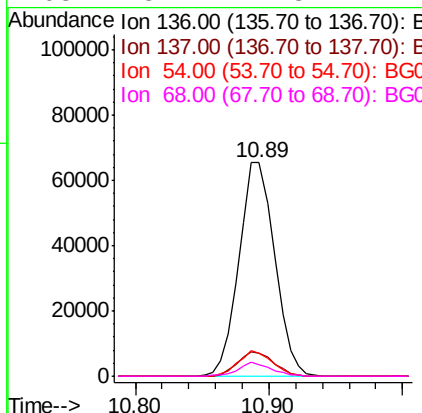
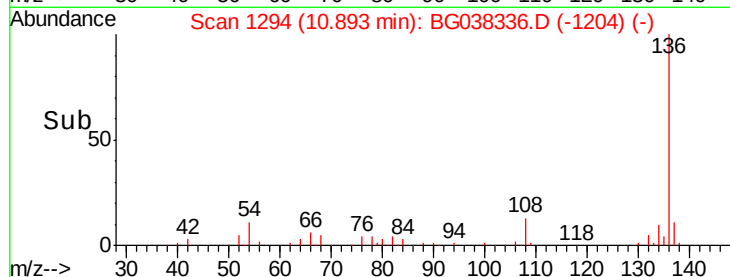
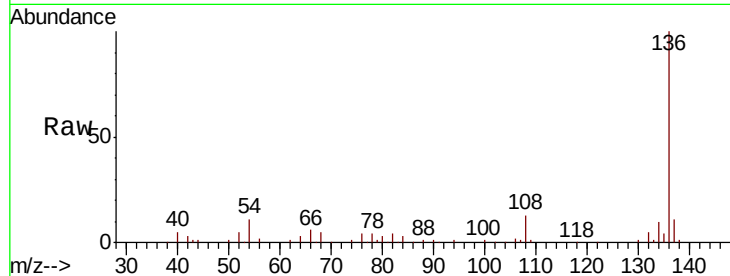
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.0	9.6	14.4		
54	10.8	7.9	11.9		
68	5.4	4.8	7.2		

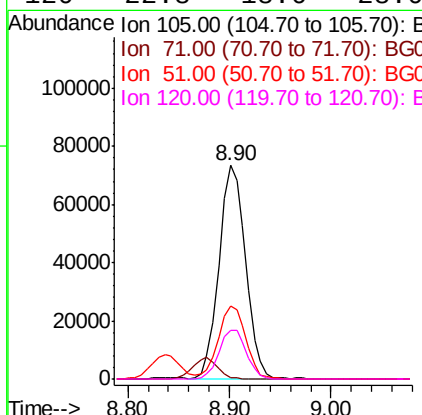
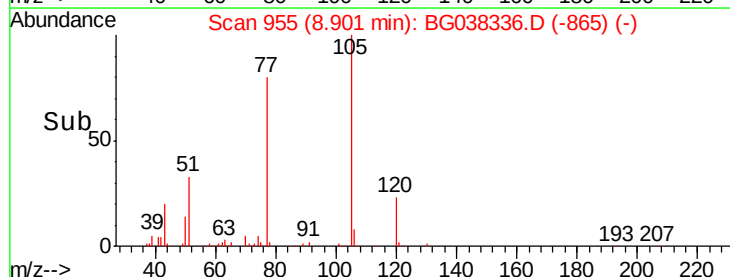
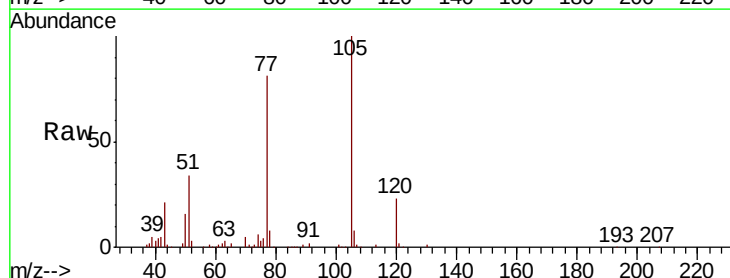
Manual Integrations
APPROVED

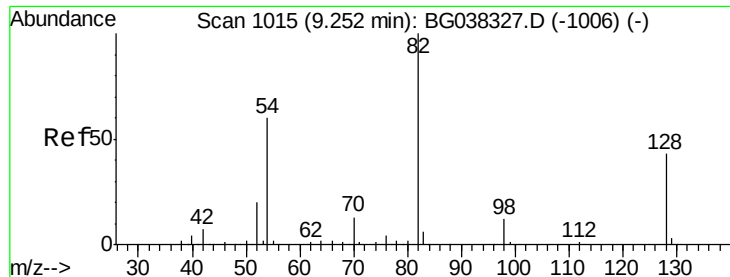
mohammad
12/6/2018 10:32:33 AM



#22
Acetophenone
Concen: 46.015 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	0.6	1.2	1.8#		
51	34.0	25.0	37.6		
120	22.8	18.6	28.0		





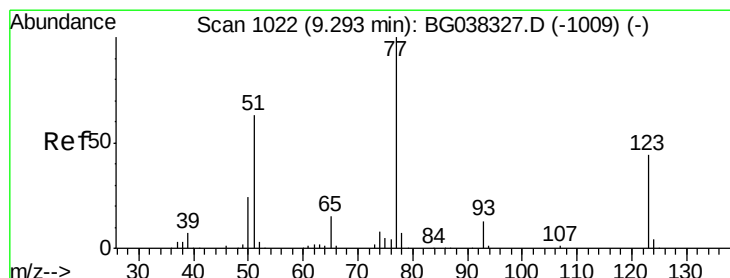
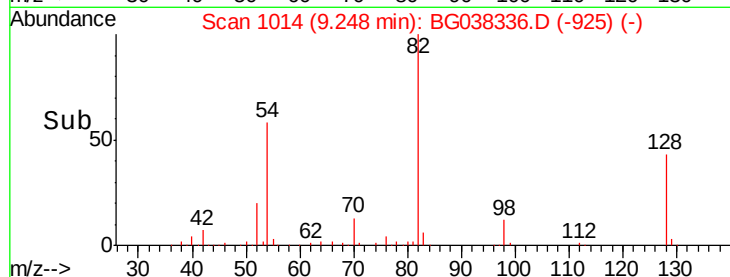
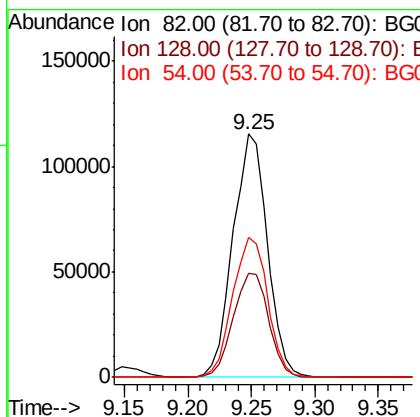
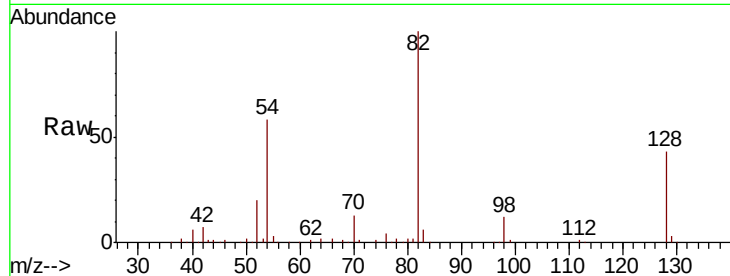
#23
Nitrobenzene-d5
Concen: 88.615 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100	216972		
128	42.9	34.6	51.8	
54	57.7	45.3	67.9	

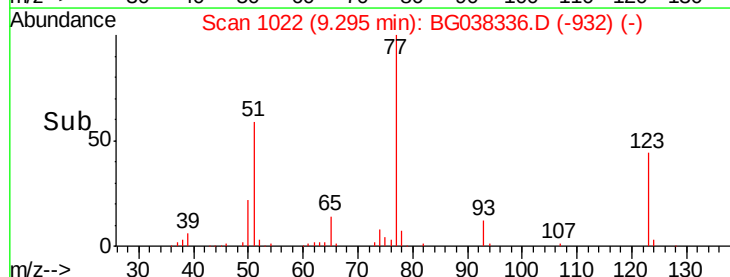
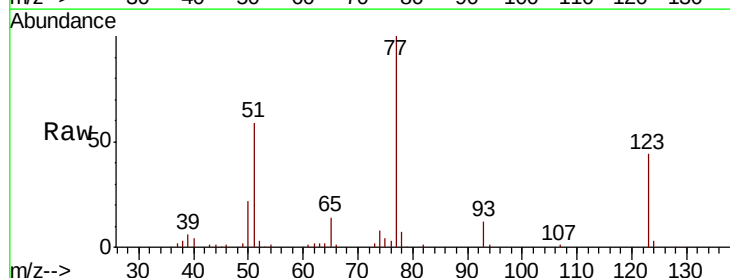
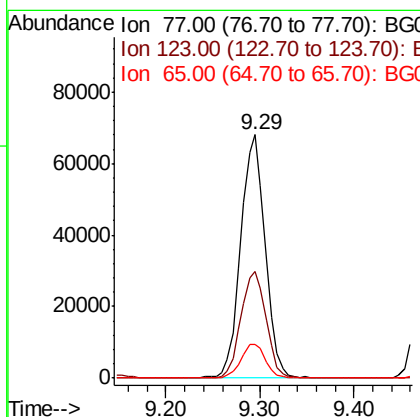
Manual Integrations
APPROVED

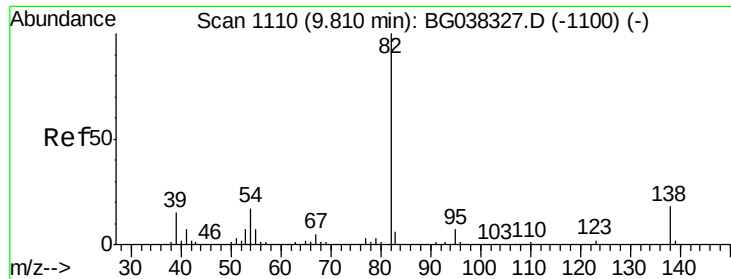
mohammad
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#24
Nitrobenzene
Concen: 49.373 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	122821		
123	43.9	33.6	50.4	
65	13.7	11.3	16.9	





#25

Isophorone

Concen: 60.581 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

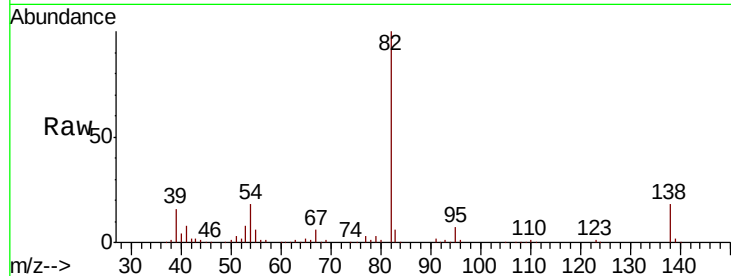
ClientSampleId :

JC-02-113018-AMSD

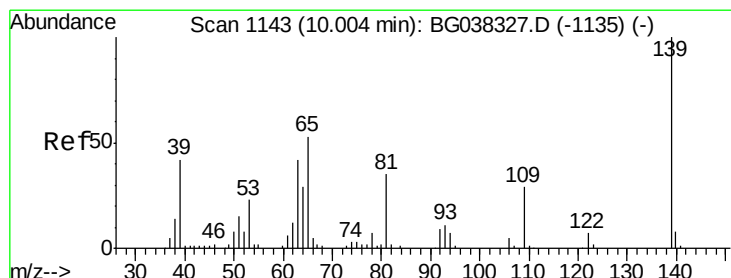
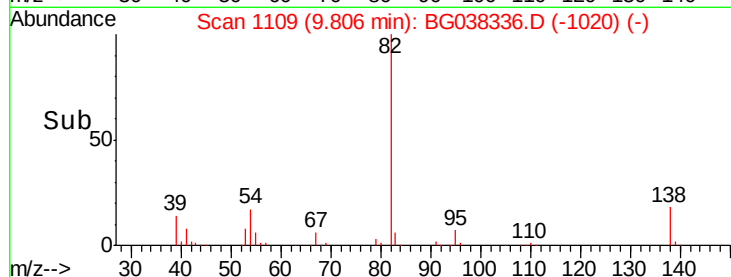
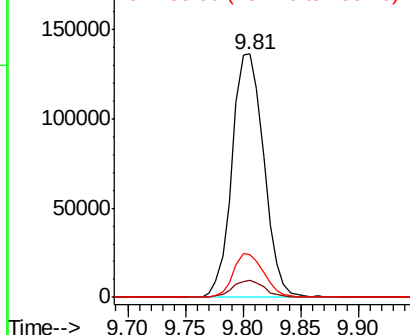
Tot Ion:	82	Resp:	260676
Ion Ratio		Lower	Upper
82	100		
95	7.2	5.3	7.9
138	17.7	13.3	19.9

Manual Integrations
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12/6/2018 10:32:33 AM



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



#26

2-Nitrophenol

Concen: 49.206 ng

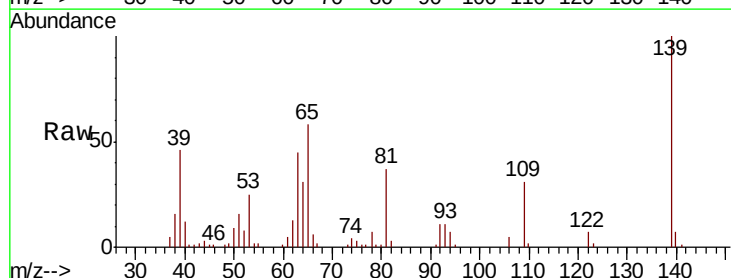
RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

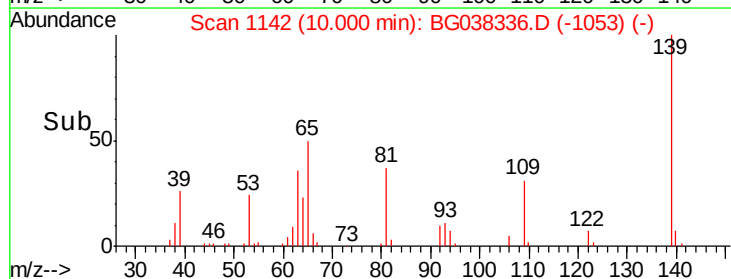
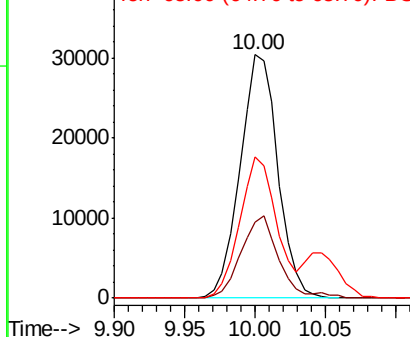
Lab File: BG038336.D

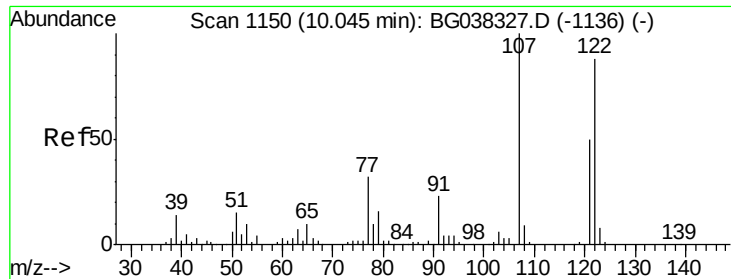
Acq: 4 Dec 2018 22:36

Tgt Ion:	139	Resp:	56717
Ion Ratio		Lower	Upper
139	100		
109	31.2	23.3	34.9
65	57.8	39.8	59.8



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





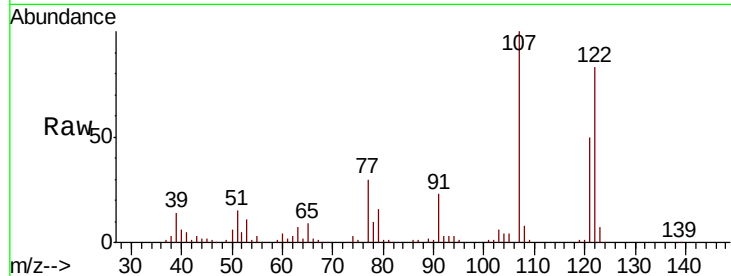
#27
2,4-Dimethylphenol
Concen: 58.919 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	94.2	141.2
121	60.7	47.3	70.9

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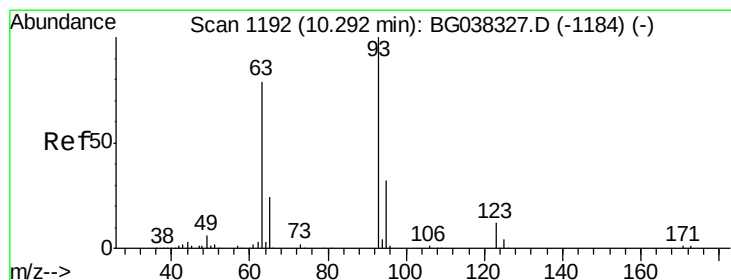
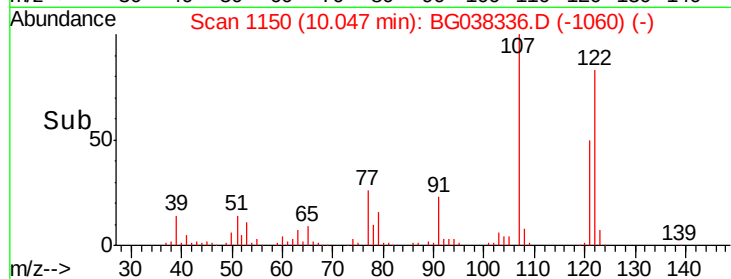
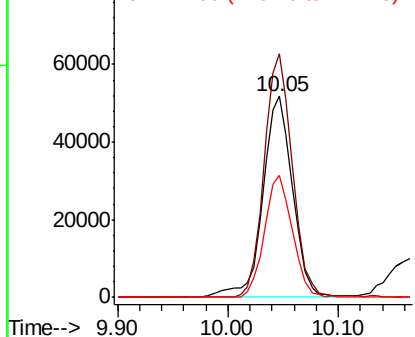


Abundance

Ion 122.00 (121.70 to 122.70): E

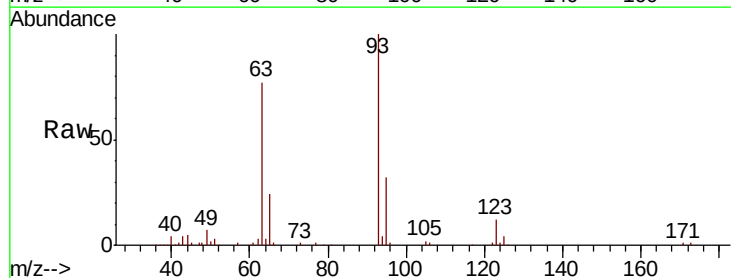
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 49.220 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	24.6	37.0
123	11.9	9.1	13.7

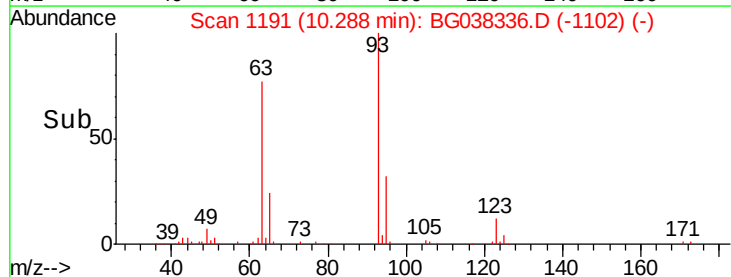
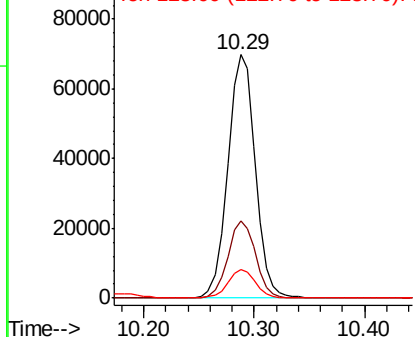


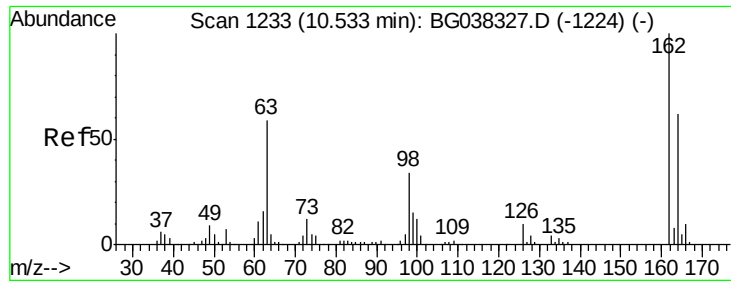
Abundance

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





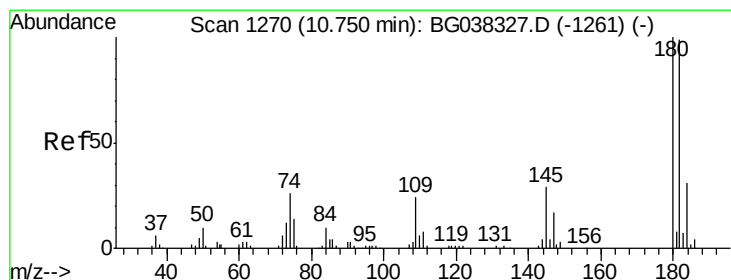
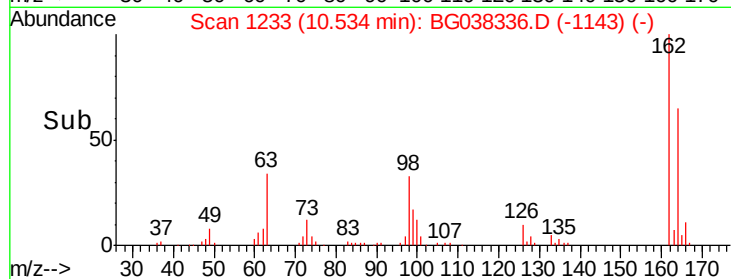
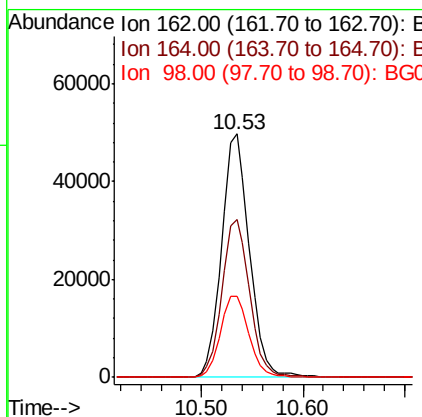
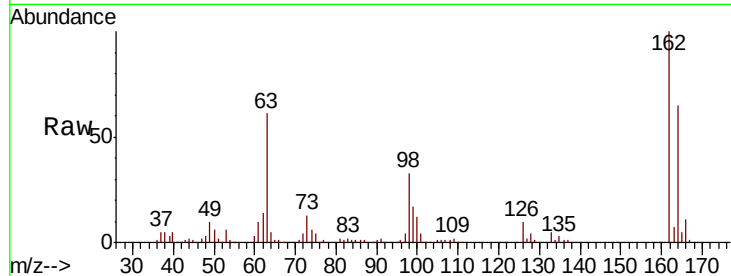
#29
 2,4-Dichlorophenol
 Concen: 49.954 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.2	83.2
98	33.3	16.0	56.0

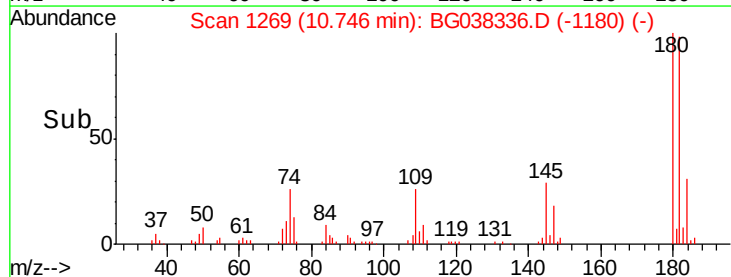
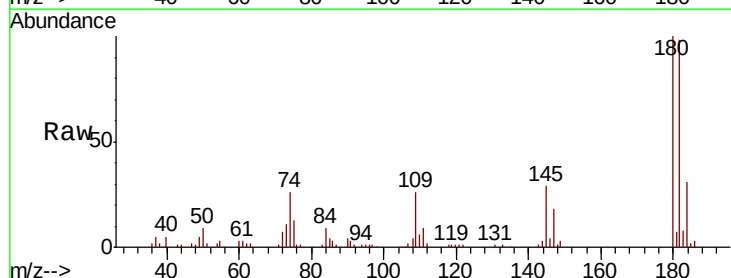
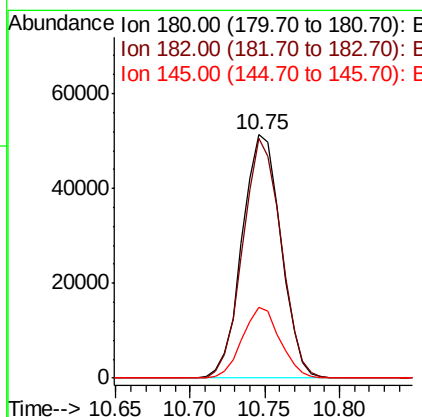
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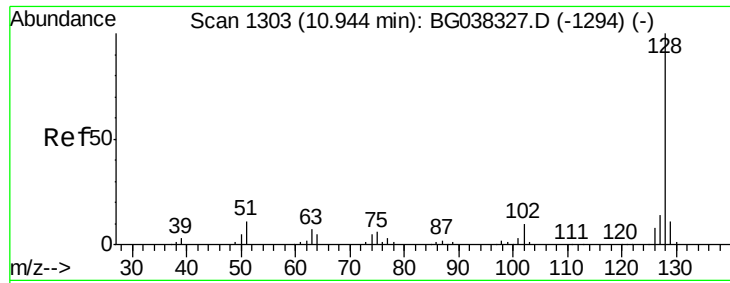
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.798 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	77.7	116.5
145	28.9	23.3	34.9





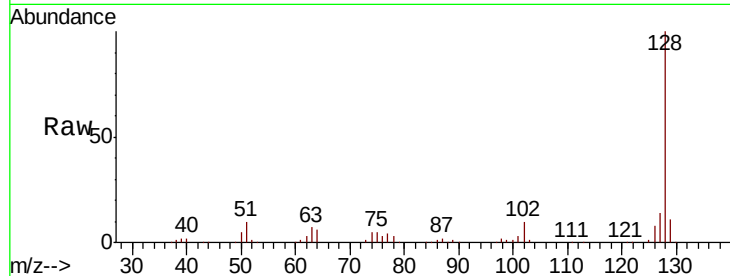
#31
Naphthalene
Concen: 47.856 ng
RT: 10.95 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.6
127	14.3	11.1	16.7

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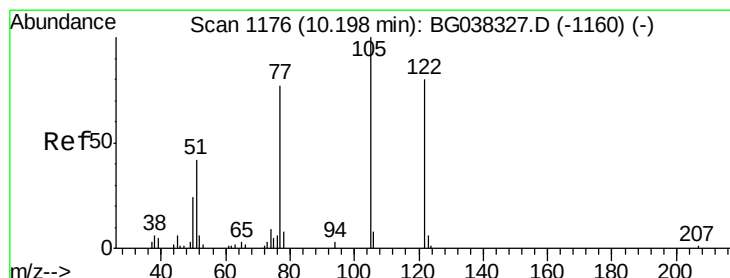
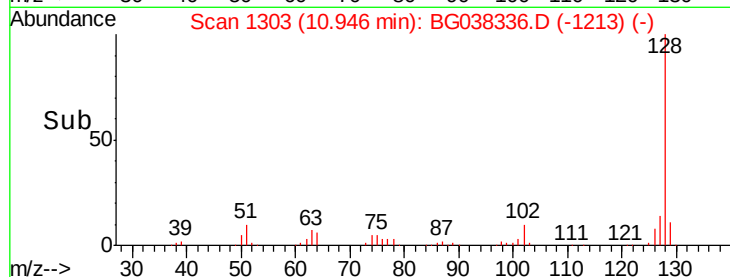
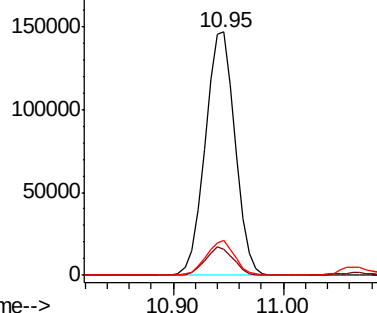


Abundance

Ion 128.00 (127.70 to 128.70): E

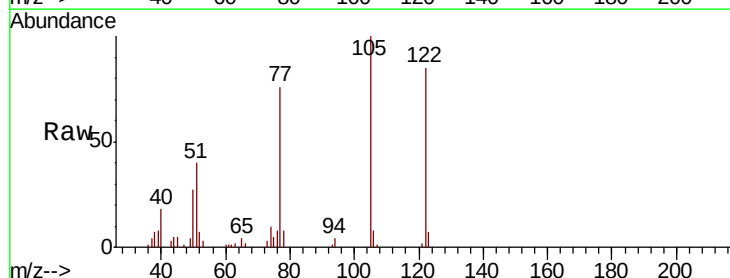
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.206 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	106.7	146.7
77	90.1	72.2	112.2

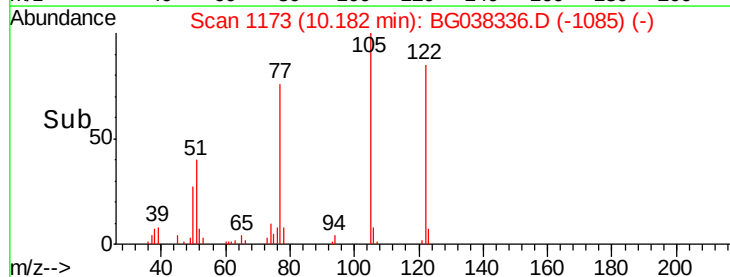
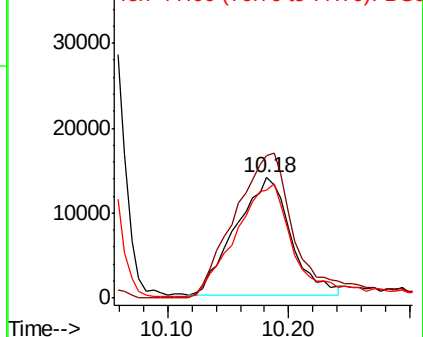


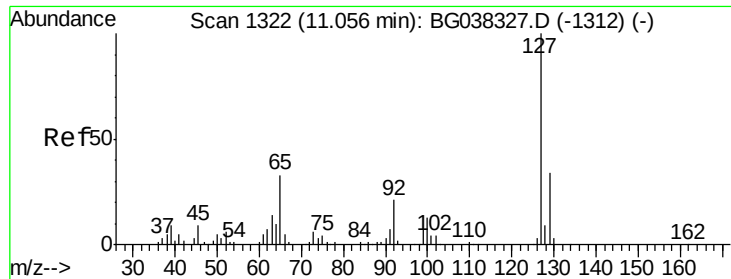
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





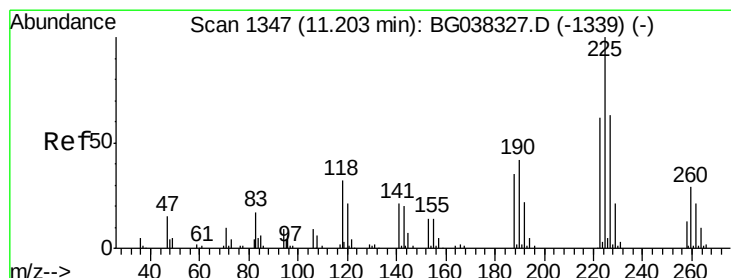
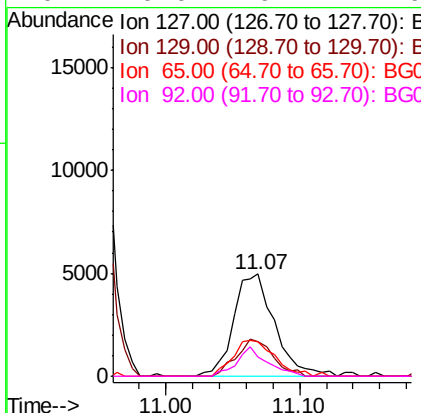
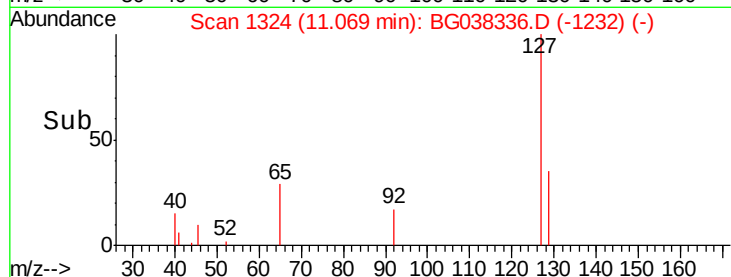
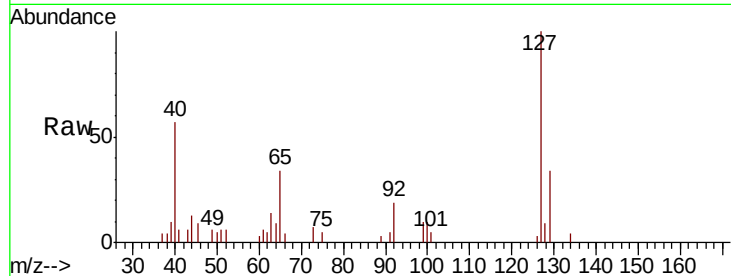
#33
4-Chloroaniline
Concen: 4.101 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.9	27.1	40.7		
65	34.0	26.6	39.8		
92	19.0	16.4	24.6		

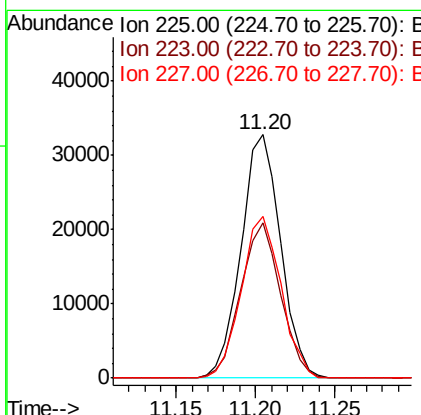
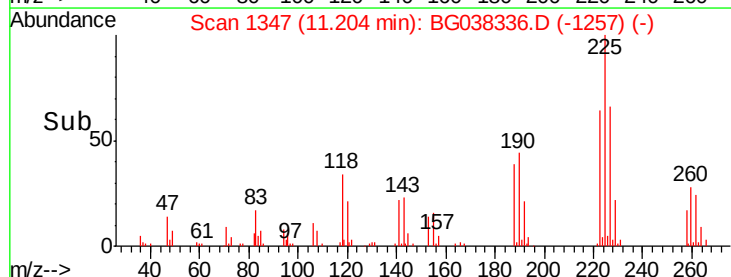
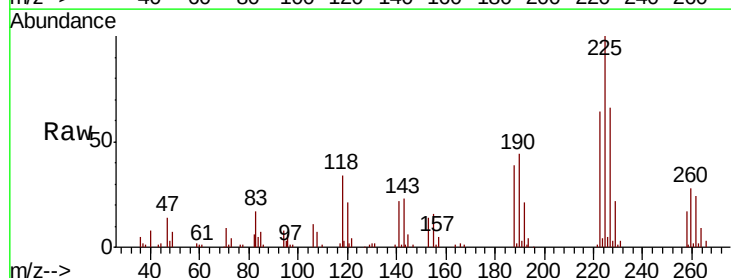
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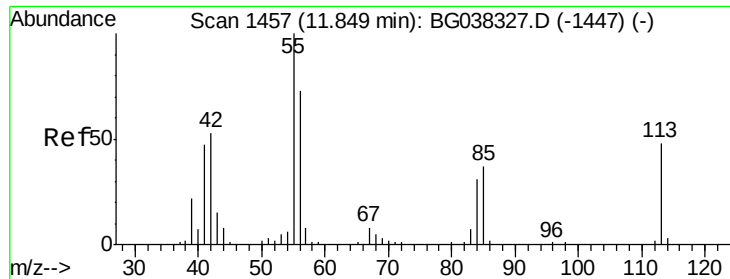
mohammad
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#34
Hexachlorobutadiene
Concen: 40.904 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.7	48.2	72.4		
227	66.0	51.6	77.4		





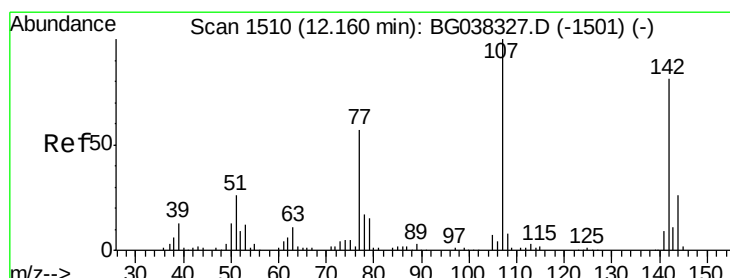
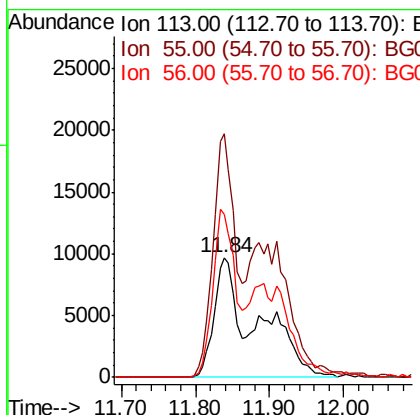
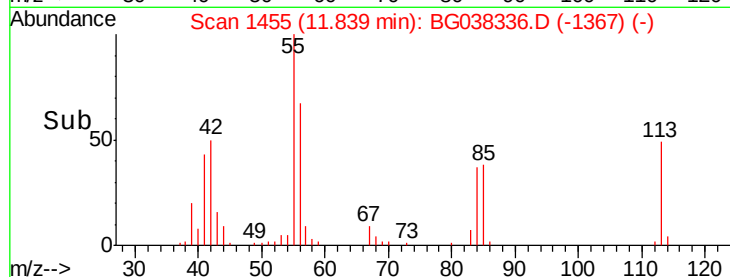
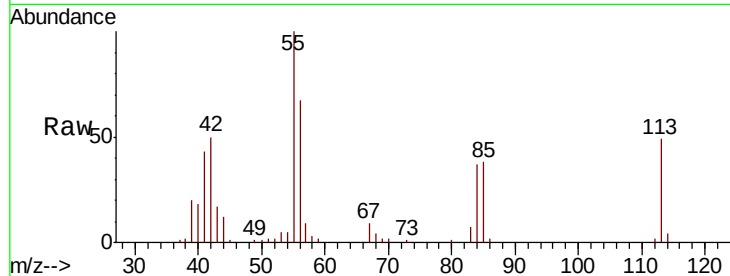
#35
Caprolactam
Concen: 49.106 ng/ml
RT: 11.84 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion: 113 Resp: 38377
Ion Ratio Lower Upper
113 100
55 203.8 176.6 216.6
56 136.5 128.3 168.3

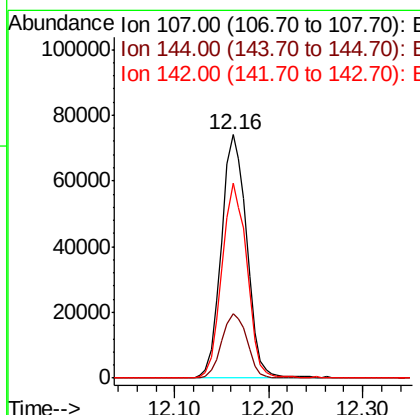
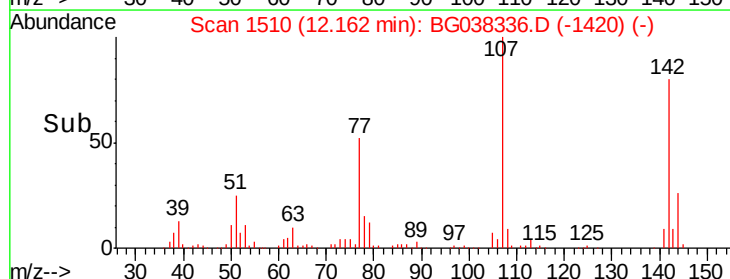
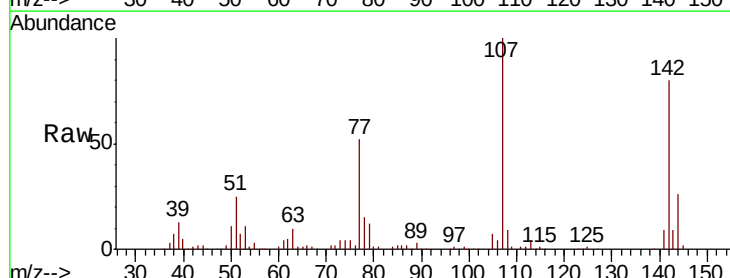
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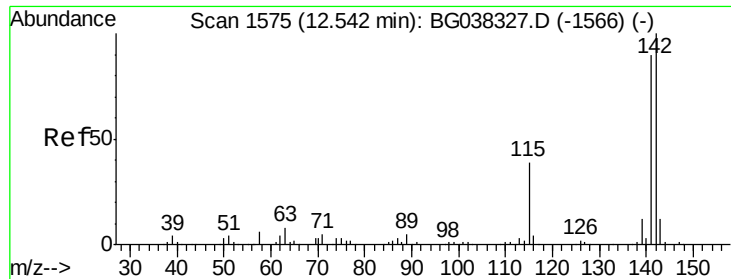
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 66.506 ng/ml
RT: 12.16 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion: 107 Resp: 139645
Ion Ratio Lower Upper
107 100
144 26.3 20.7 31.1
142 80.1 64.4 96.6





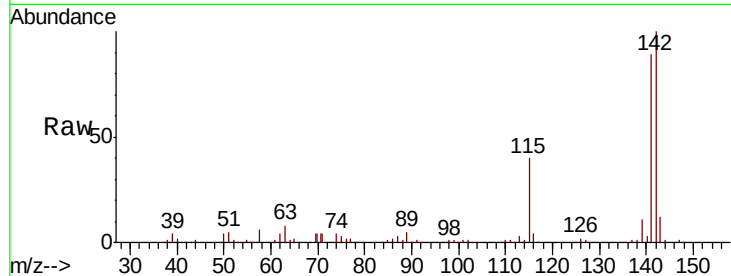
#37
2-Methylnaphthalene
Concen: 50.821 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	39.5	27.8	41.8

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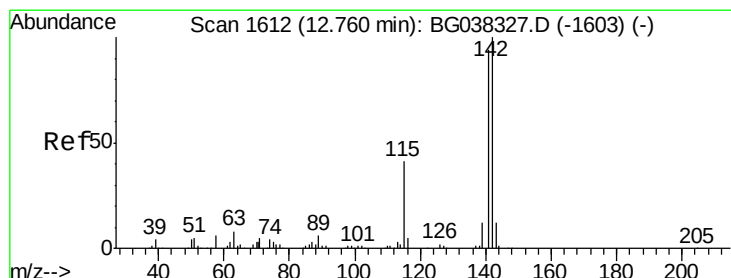
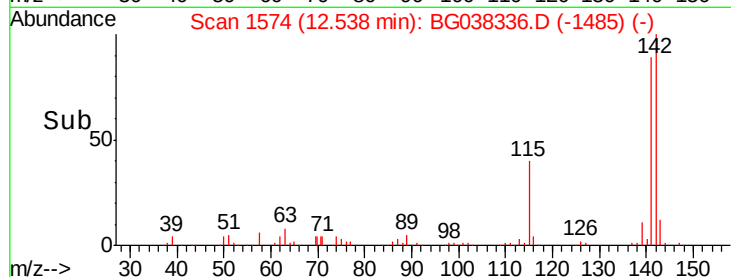
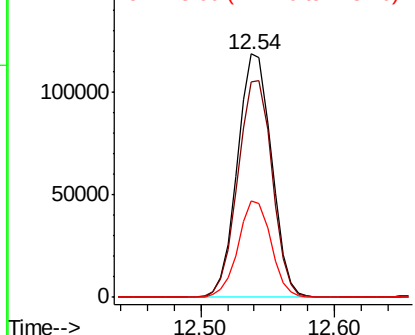


Abundance

Ion 142.00 (141.70 to 142.70): E

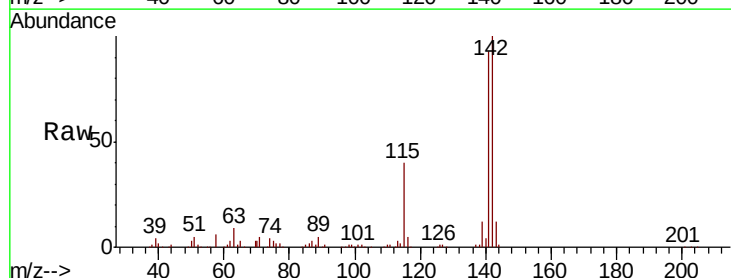
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 50.915 ng
RT: 12.76 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.2	112.8
116	4.7	3.3	4.9

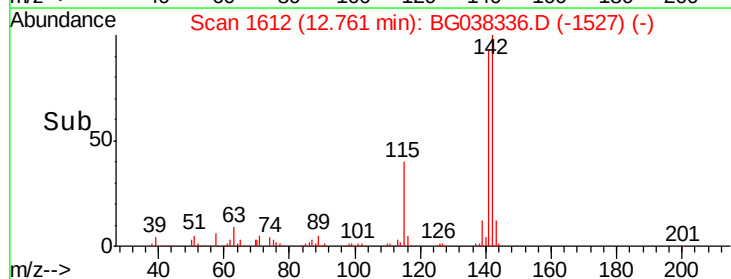
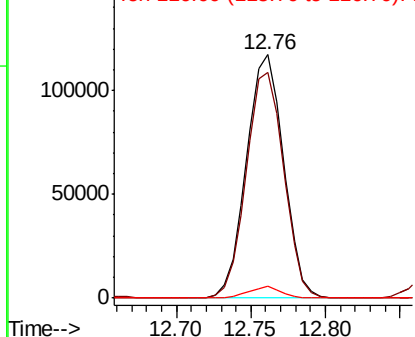


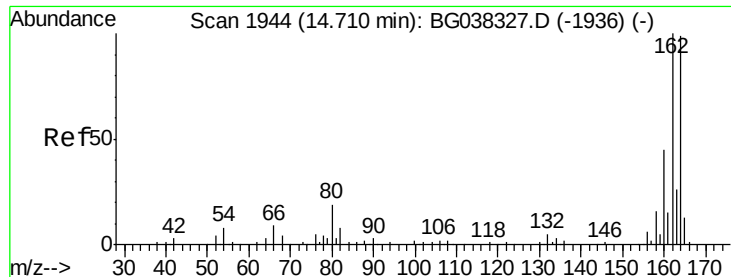
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

Tot Ion:164 Resp: 80450

Ion Ratio Lower Upper

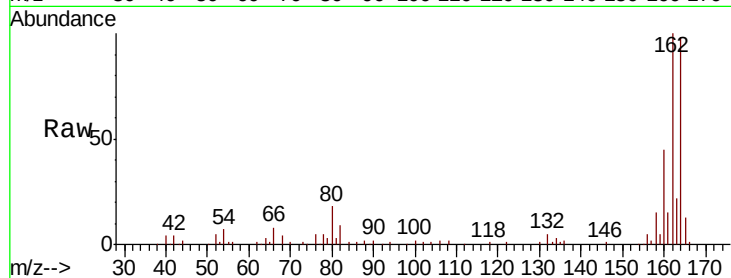
164 100

162 101.8 81.3 121.9

160 45.9 36.3 54.5

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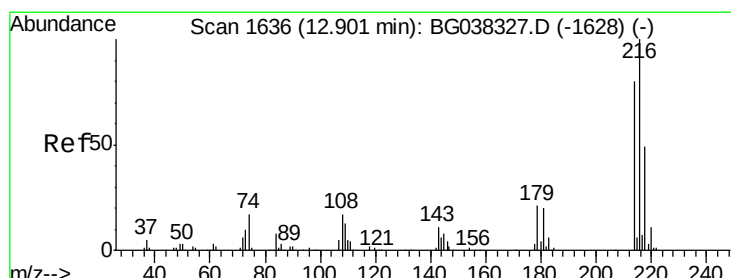
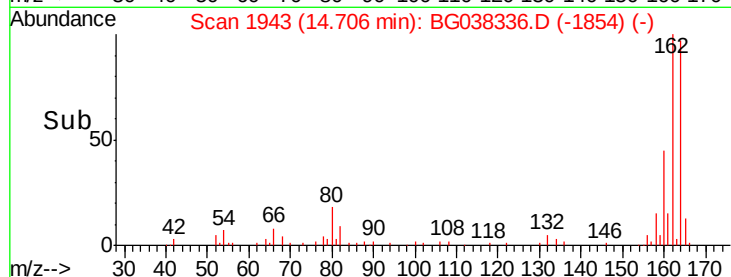
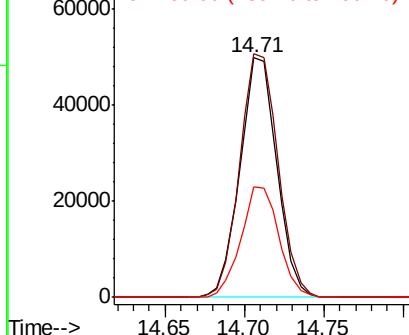


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.367 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion:216 Resp: 114516

Ion Ratio Lower Upper

216 100

214 78.7 63.8 95.6

179 20.2 17.4 26.0

108 20.0 13.9 20.9

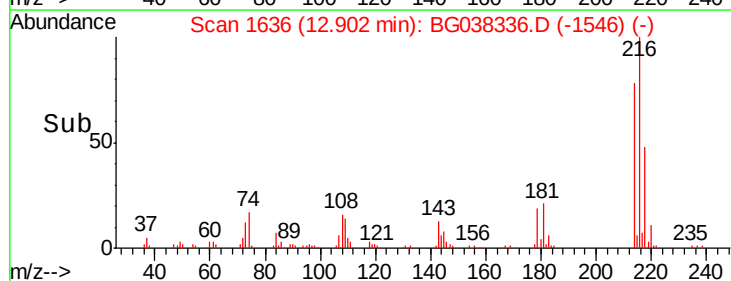
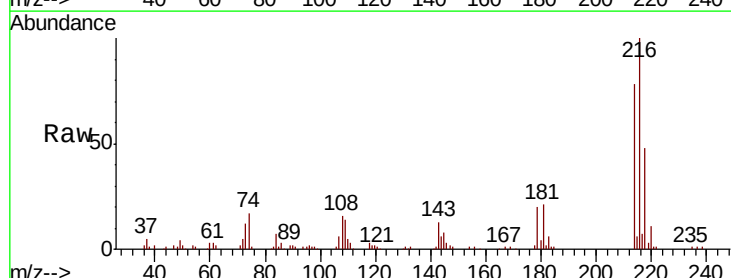
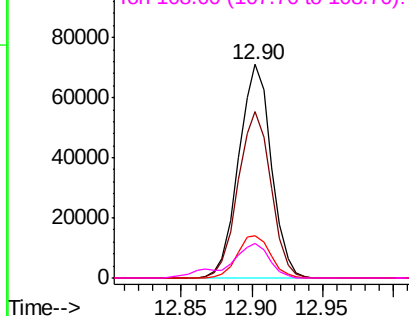
Abundance

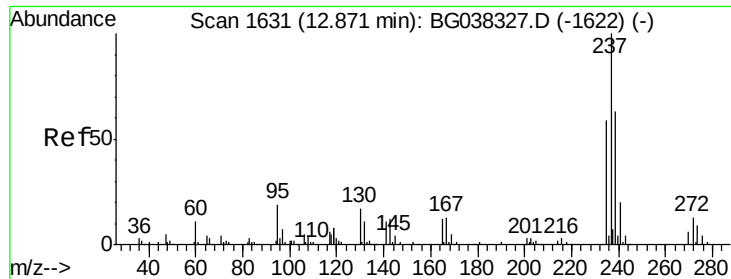
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





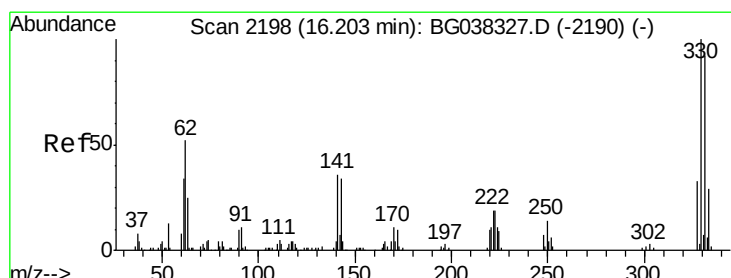
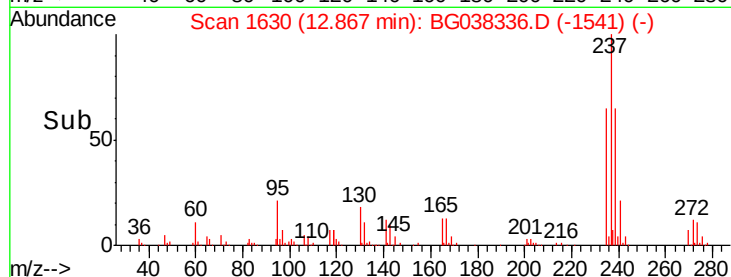
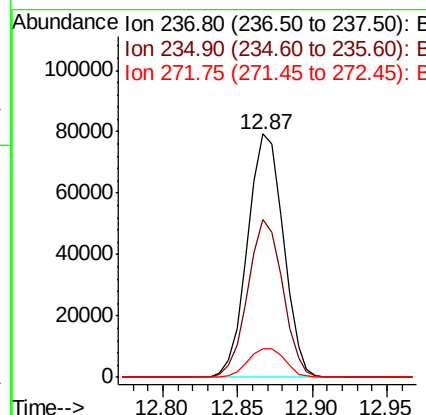
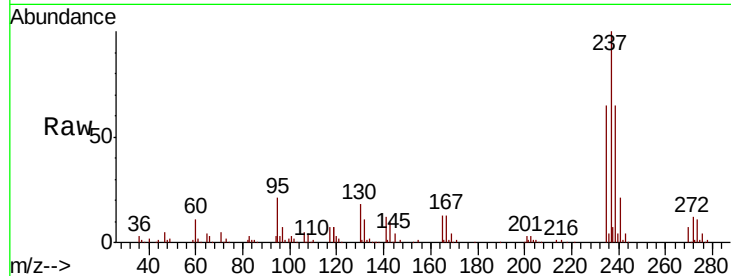
#41
Hexachlorocyclopentadiene
Concen: 86.504 ng
RT: 12.87 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Resp	Lower	Upper
237	100	131597		
235	65.0	42.5	82.5	
272	11.6	0.0	31.6	

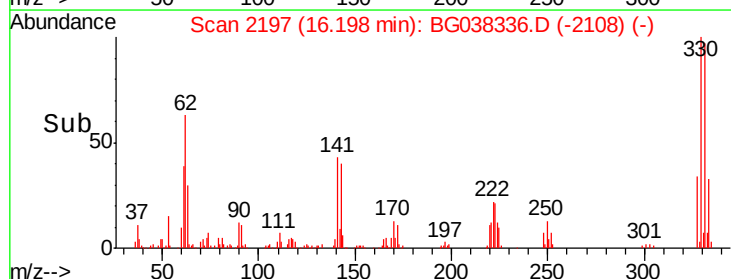
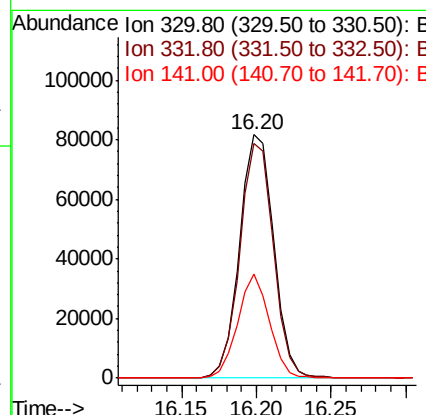
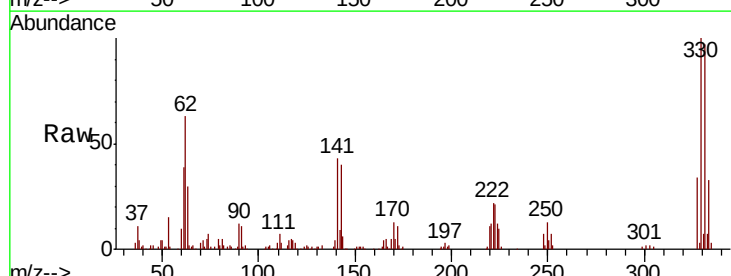
Manual Integrations
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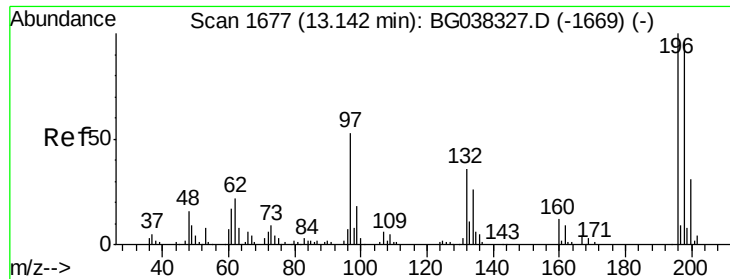
mohammad
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#42
2,4,6-Tribromophenol
Concen: 131.339 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	129713		
332	95.5	78.4	117.6	
141	39.8	32.2	48.2	





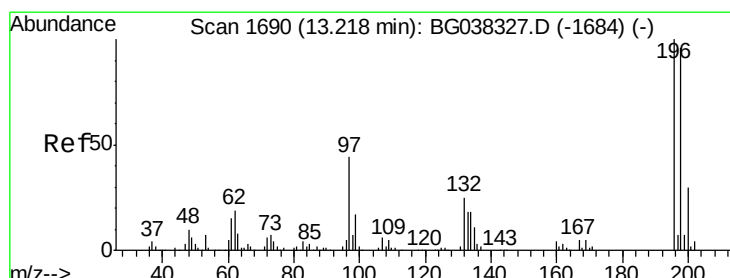
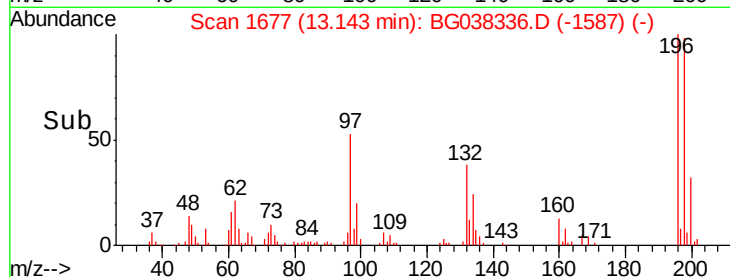
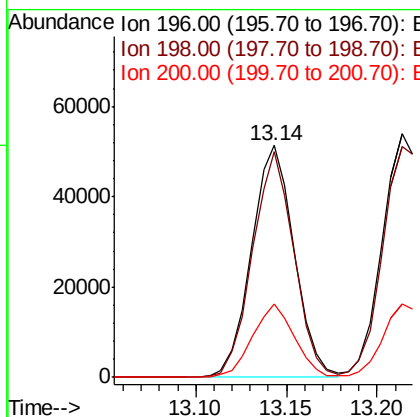
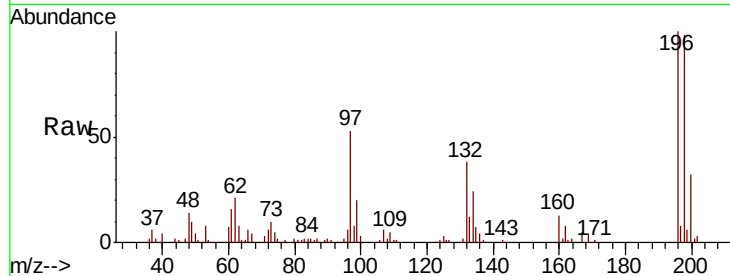
#43
 2,4,6-Trichlorophenol
 Concen: 46.897 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.4	114.6
200	31.8	24.9	37.3

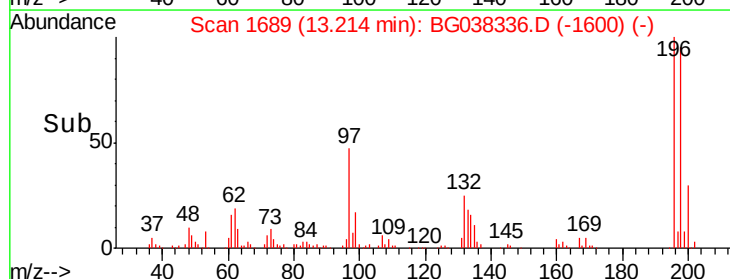
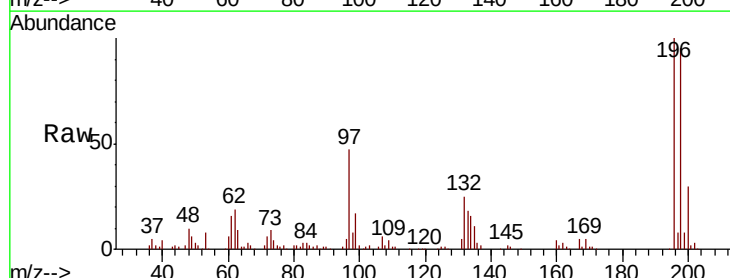
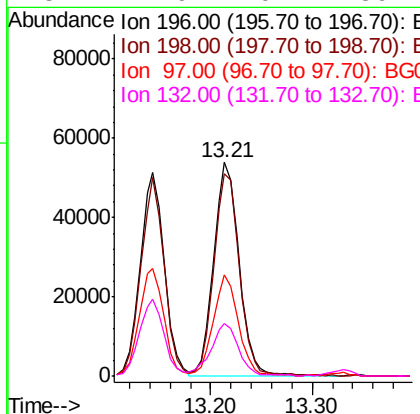
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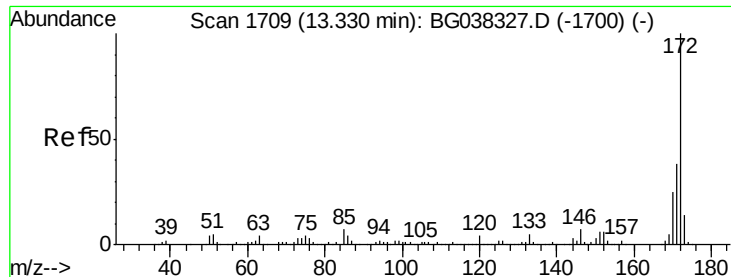
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.611 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	74.2	111.2
97	47.3	34.1	51.1
132	24.9	20.2	30.4





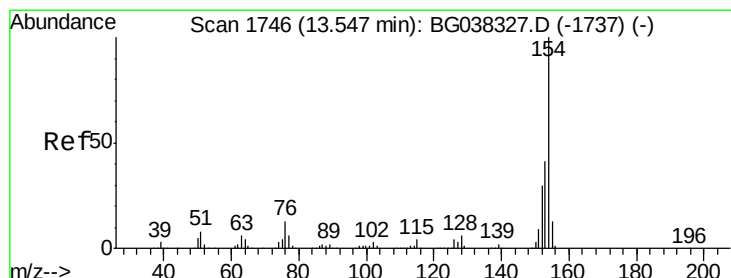
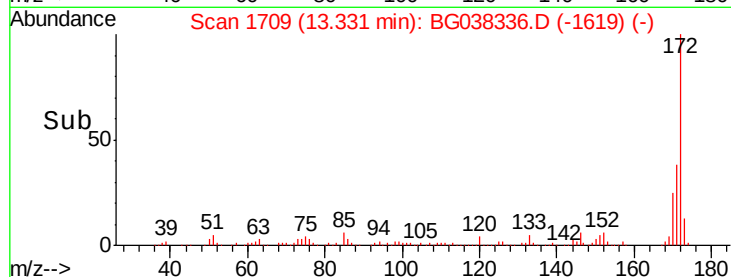
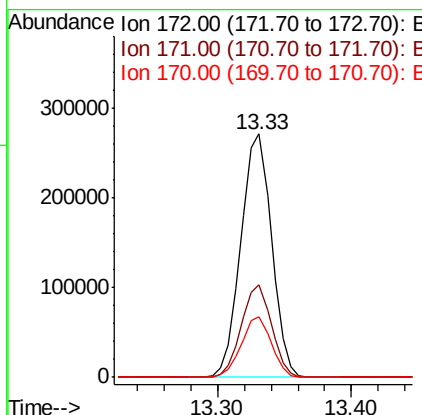
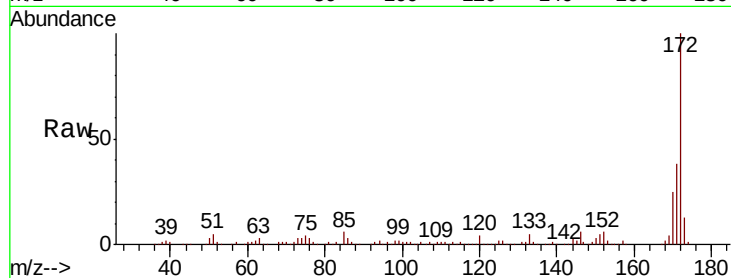
#45
2-Fluorobiphenyl
Concen: 76.498 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	431903		
171	38.1		31.0	46.4
170	25.0		20.2	30.2

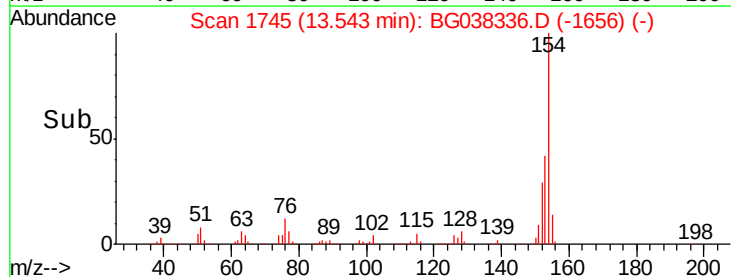
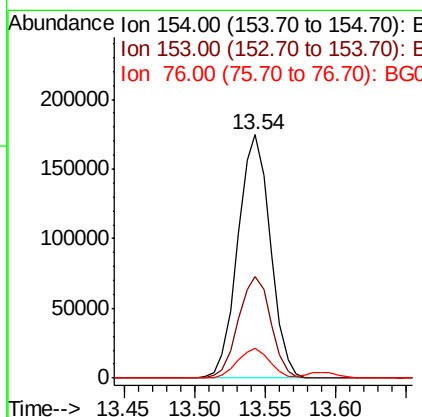
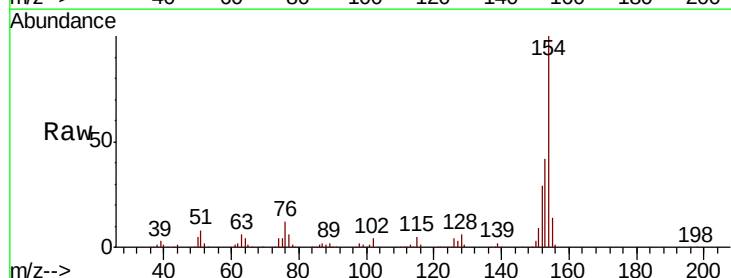
Manual Integrations
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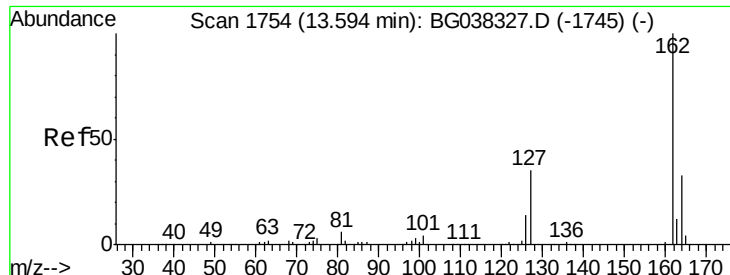
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#46
1,1'-Biphenyl
Concen: 41.165 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	279937		
153	41.9		22.1	62.1
76	12.3		0.0	33.2





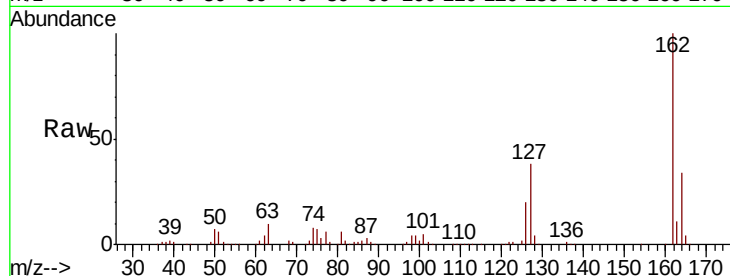
#47
2-Chloronaphthalene
Concen: 42.765 ng
RT: 13.59 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

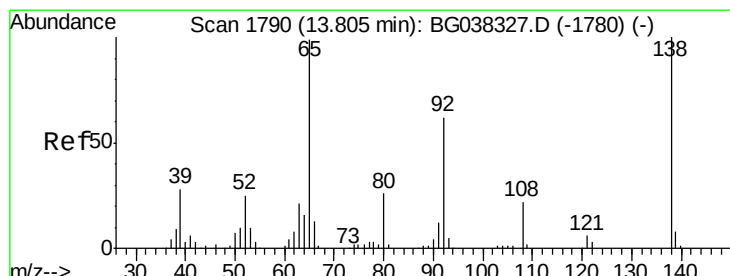
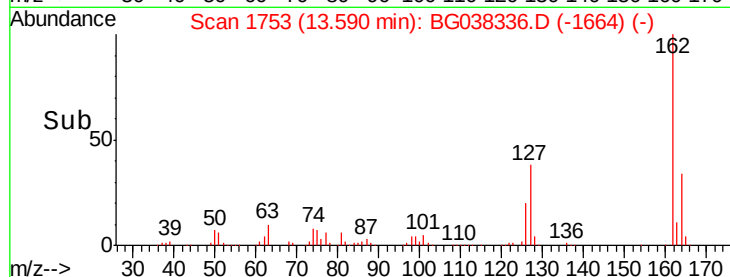
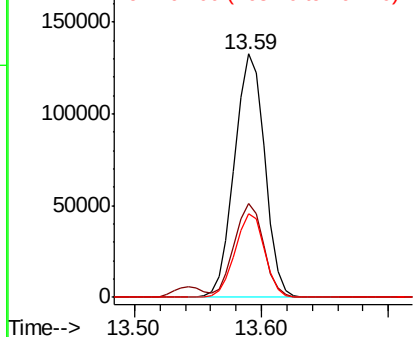
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	34.5	26.4	39.6

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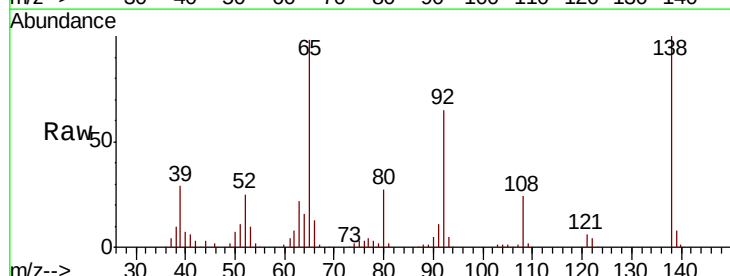


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

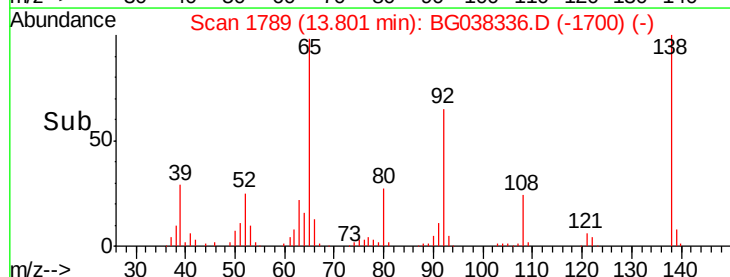
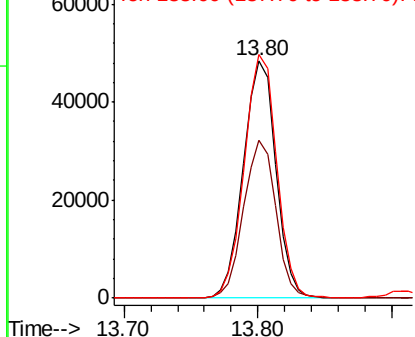


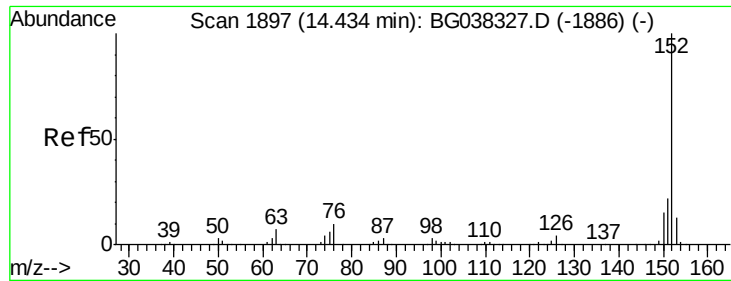
#48
2-Nitroaniline
Concen: 47.345 ng
RT: 13.80 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.2	79.8
138	102.4	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.427 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

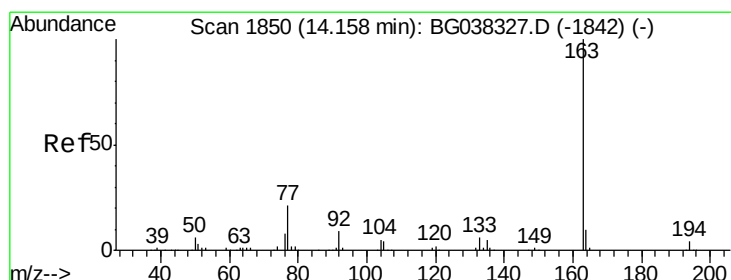
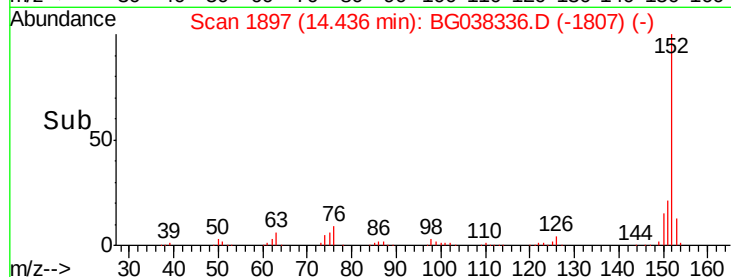
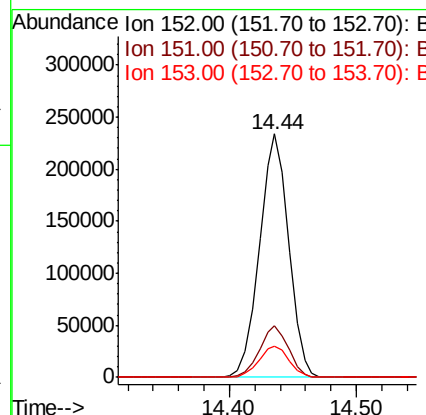
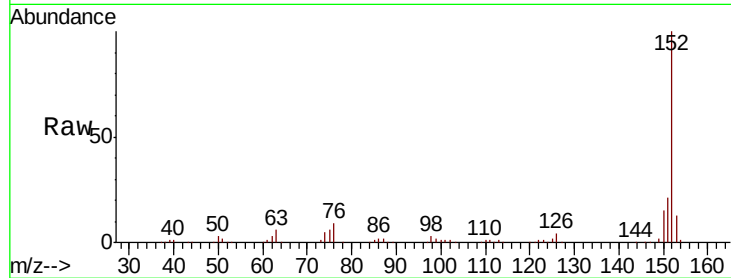
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	152	Resp:	374265
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.1	25.7
153	13.0	11.1	16.7

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#50

Dimethylphthalate

Concen: 48.216 ng

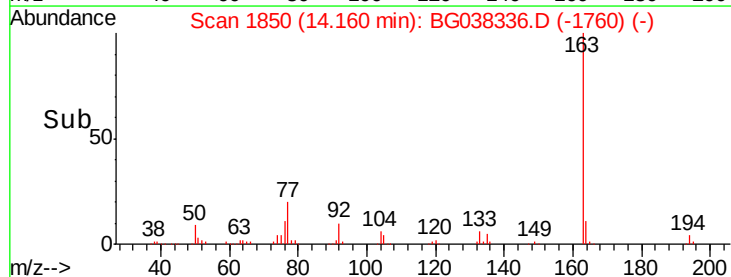
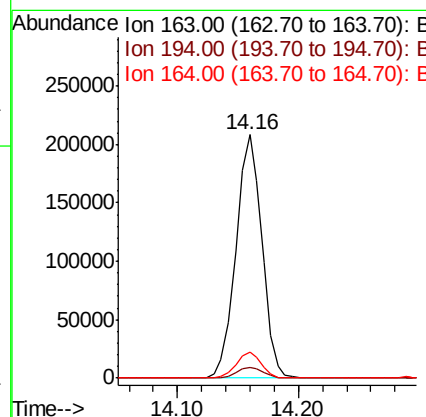
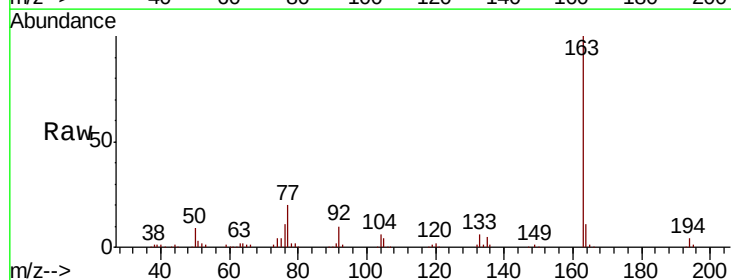
RT: 14.16 min Scan# 1850

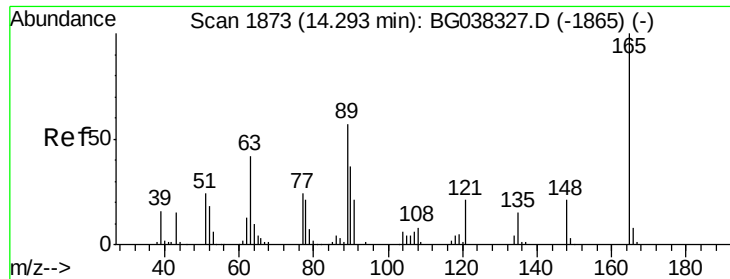
Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion:	163	Resp:	311130
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	10.6	8.5	12.7





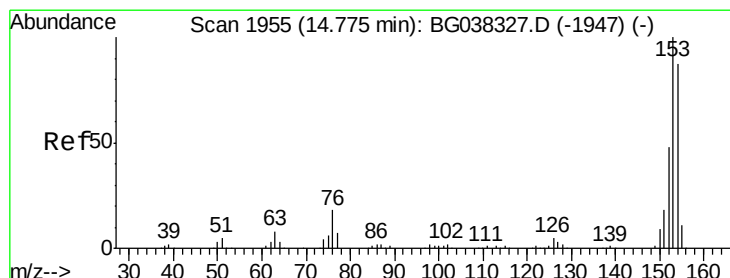
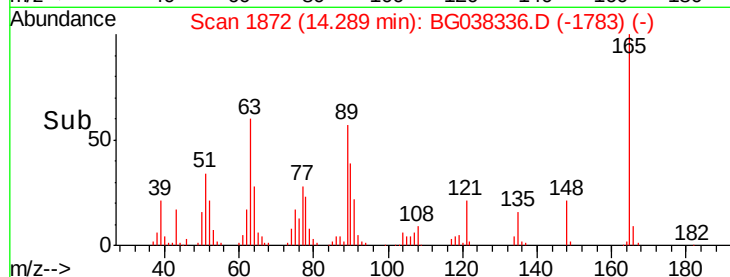
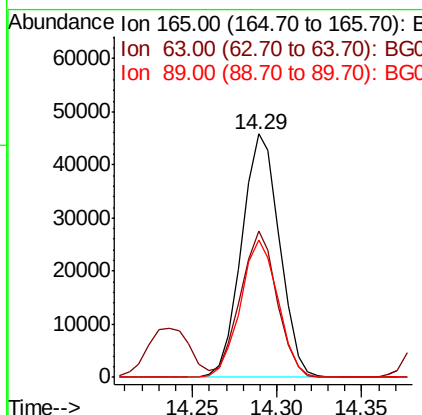
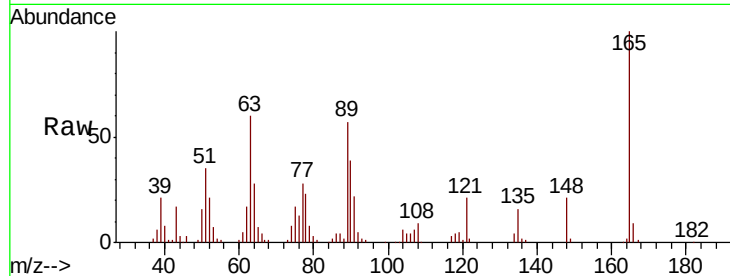
#51
 2,6-Dinitrotoluene
 Concen: 48.405 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.2	43.4	65.2
89	56.6	45.8	68.6

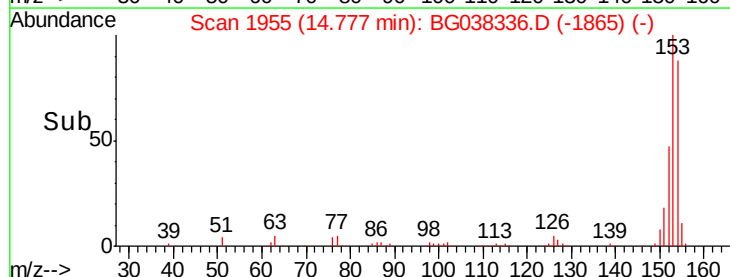
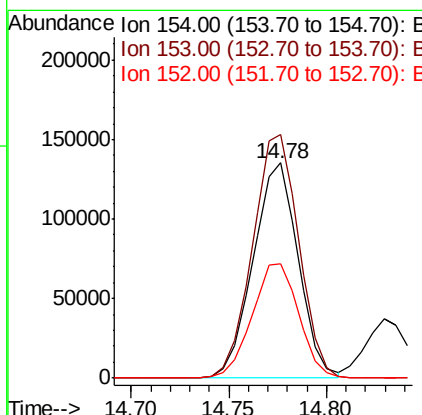
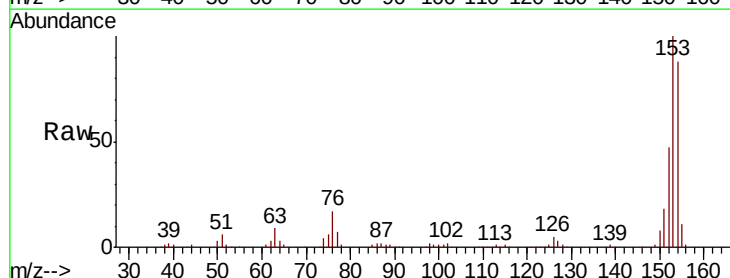
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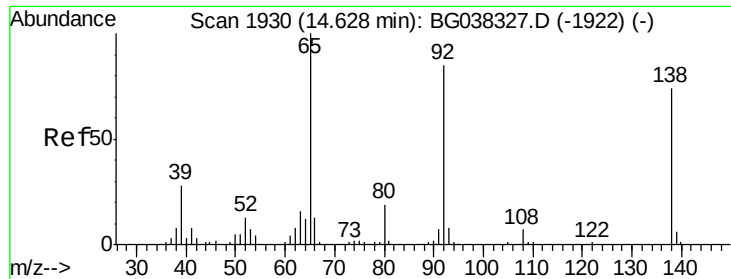
mohammad
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#52
 Acenaphthene
 Concen: 45.968 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.3	93.4	140.0
152	53.3	44.7	67.1





#53

3-Nitroaniline

Concen: 13.621 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

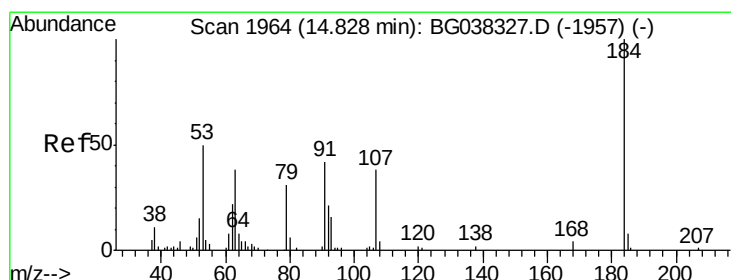
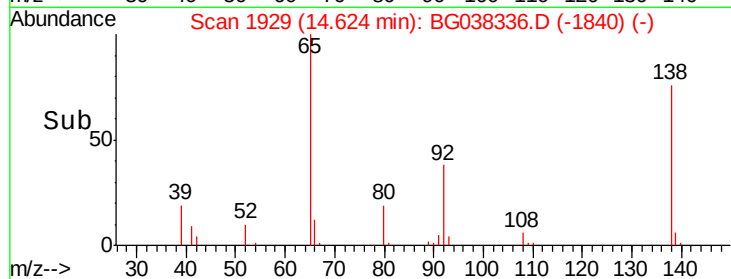
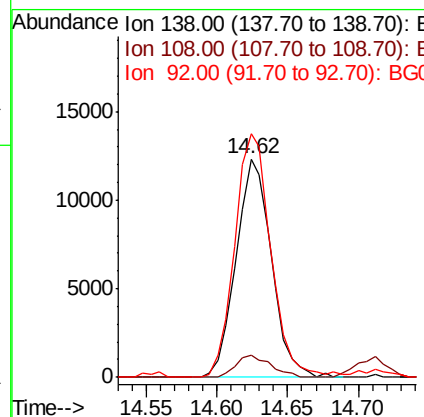
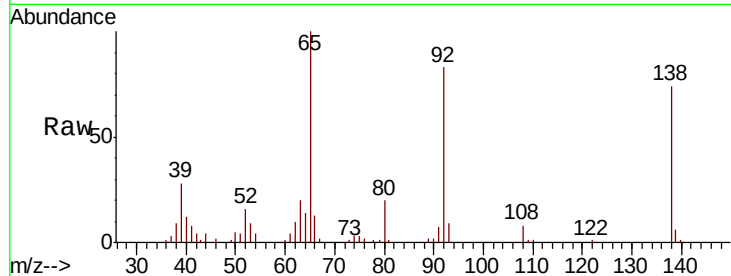
ClientSampleId :

JC-02-113018-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	11.0	16.6#
92	111.6	95.2	142.8

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#54

2,4-Dinitrophenol

Concen: 116.260 ng

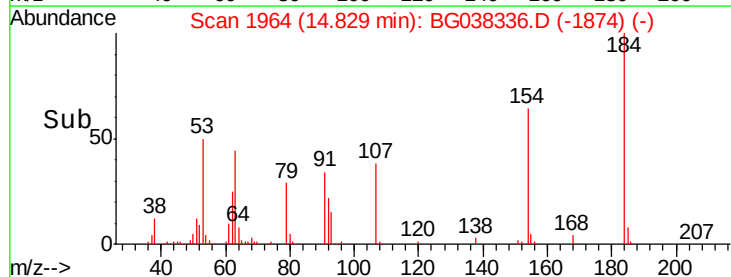
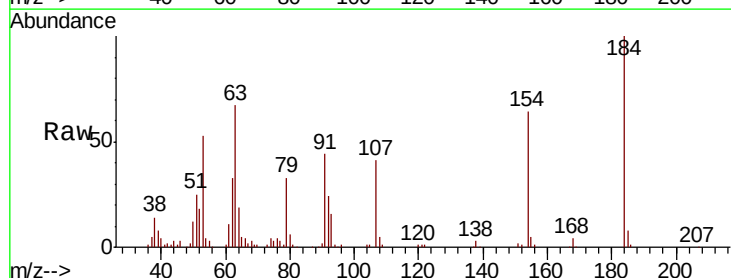
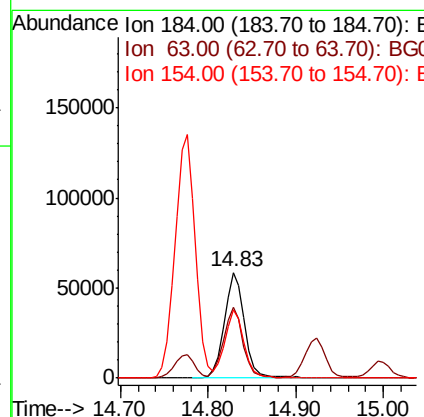
RT: 14.83 min Scan# 1964

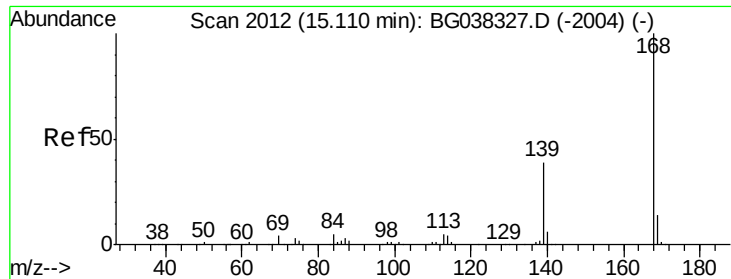
Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.9	42.6	63.8#
154	63.9	41.8	62.6#





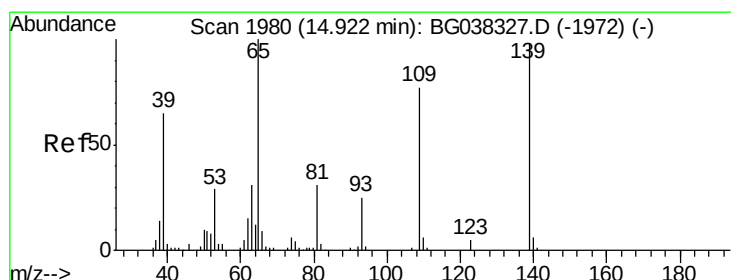
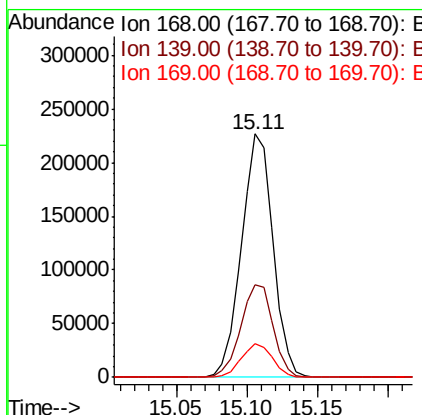
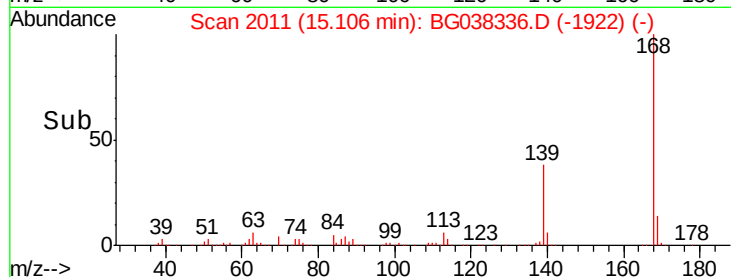
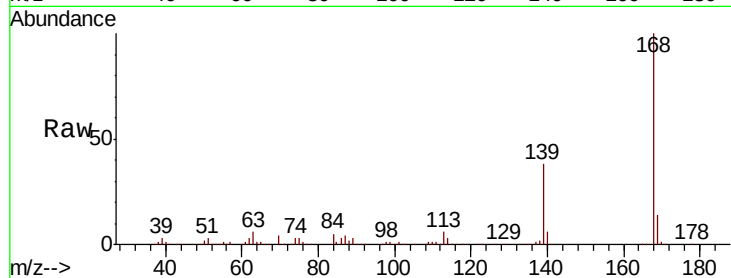
#55
Dibenzofuran
Concen: 45.412 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	29.4	44.0
169	13.9	11.0	16.6

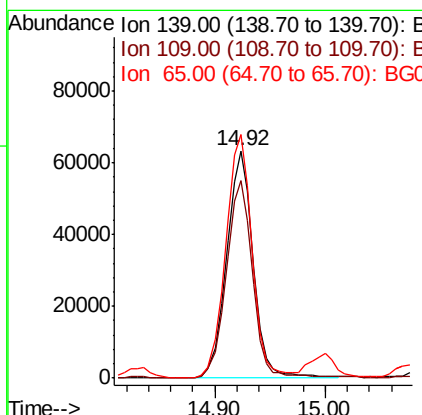
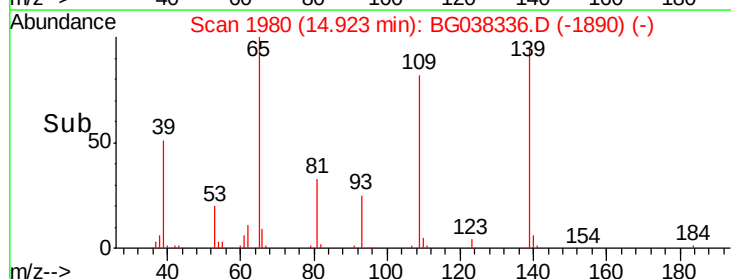
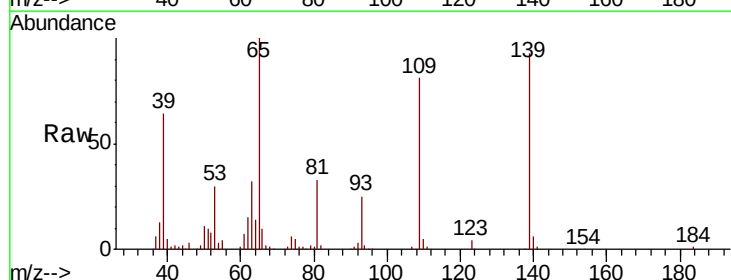
Manual Integrations
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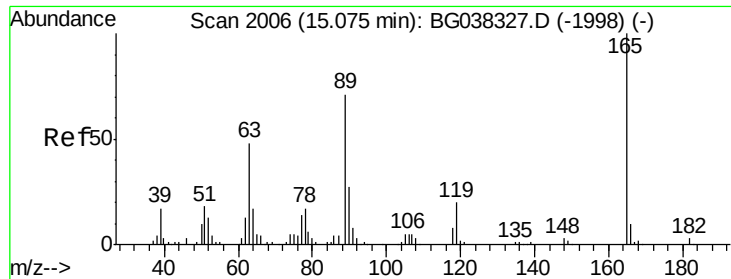
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#56
4-Nitrophenol
Concen: 84.560 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.7	49.5	89.5
65	107.2	76.8	116.8





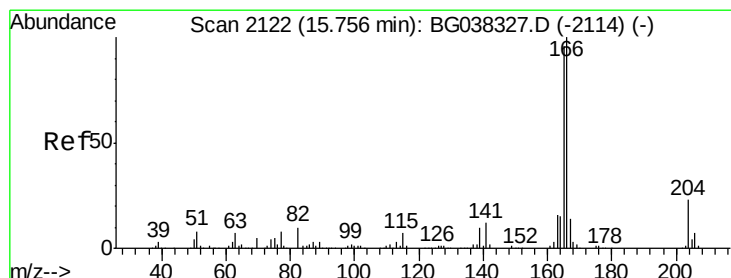
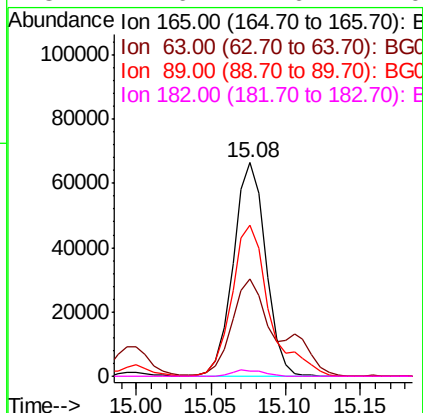
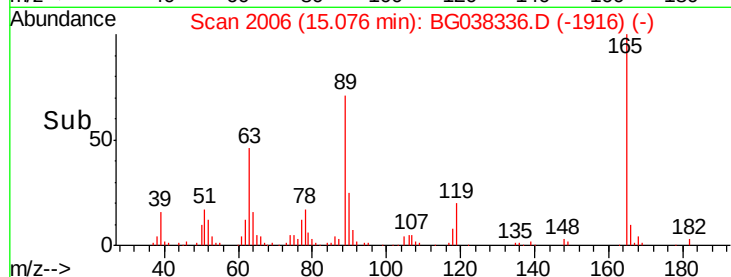
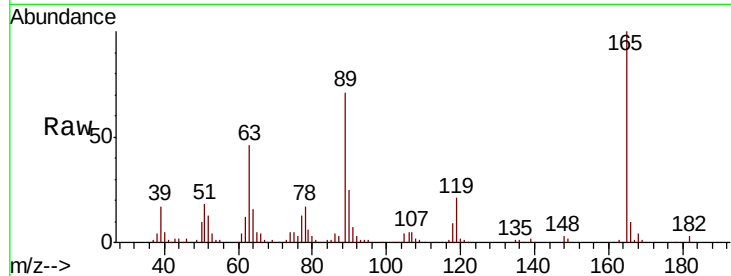
#57
 2,4-Dinitrotoluene
 Concen: 49.521 ng
 RT: 15.08 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	45.8	33.4	50.0		
89	70.5	57.2	85.8		
182	2.6	2.6	4.0		

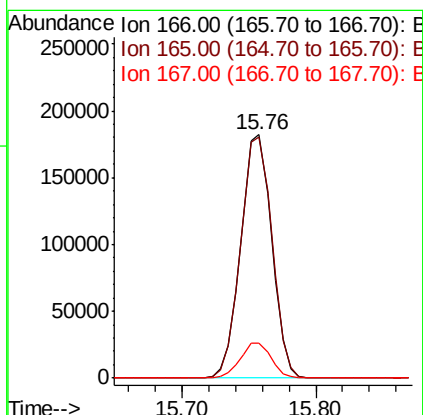
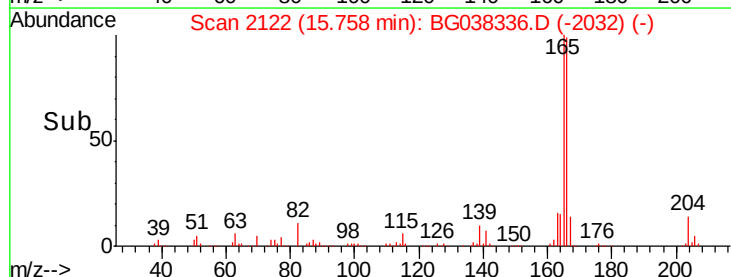
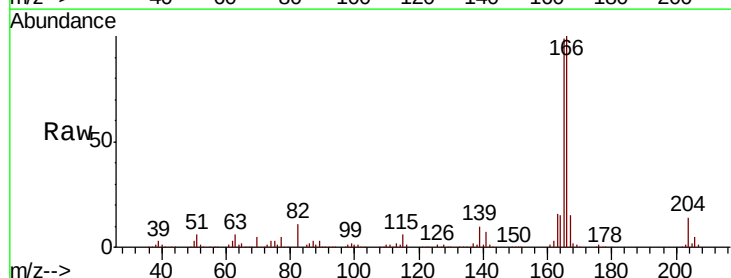
Manual Integrations
 APPROVED

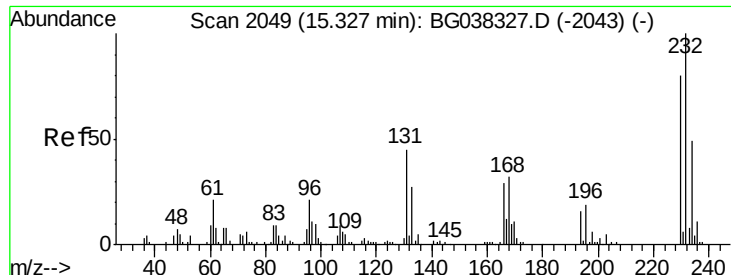
mohammad
 12/6/2018 10:32:33 AM



#58
 Fluorene
 Concen: 50.797 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.3	79.0	118.6		
167	14.5	11.3	16.9		





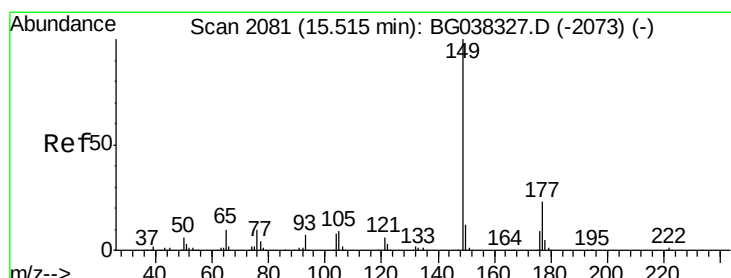
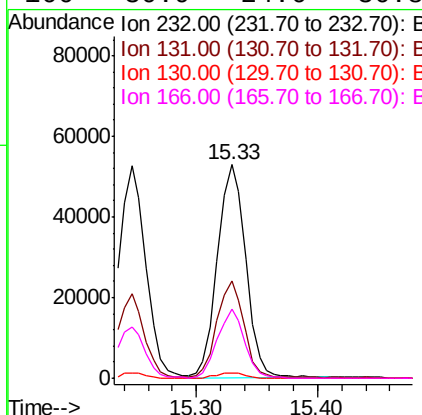
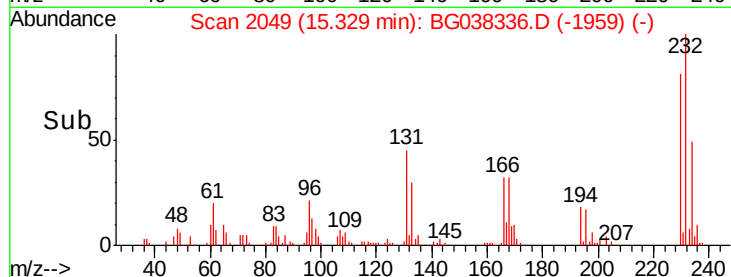
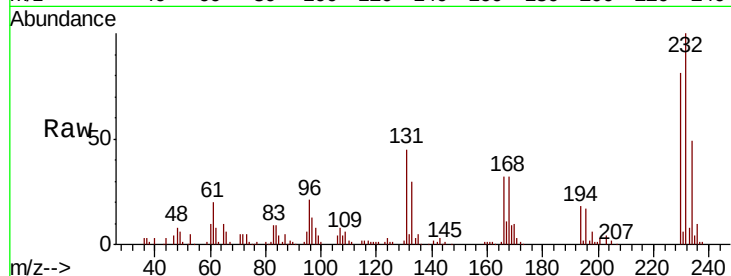
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.882 ng
RT: 15.33 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	33.7	50.5
130	2.4	2.1	3.1
166	30.9	24.6	36.8

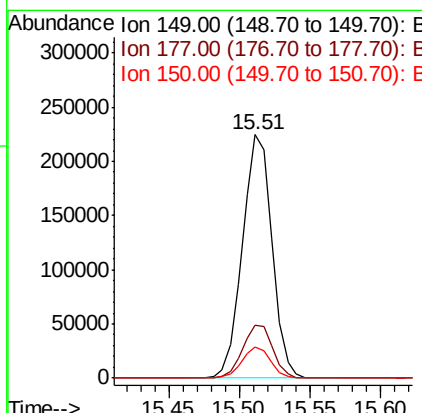
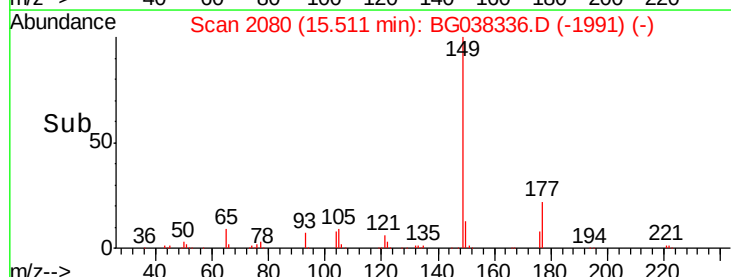
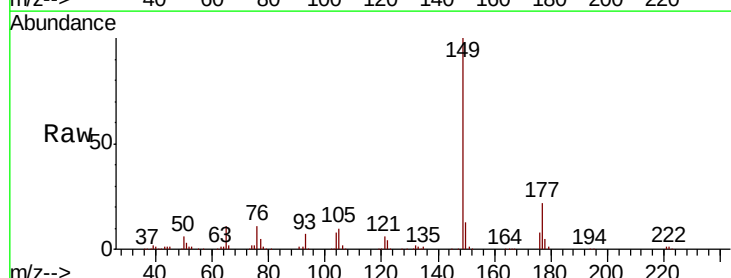
Manual Integrations
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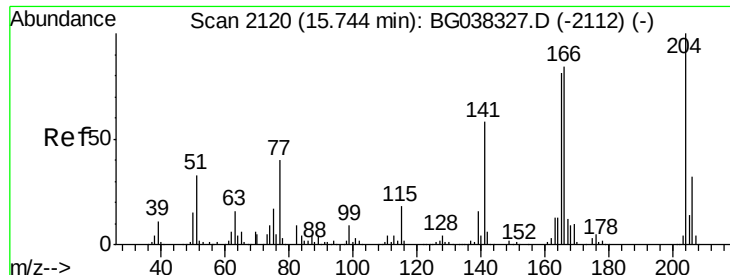
mohammad
12/6/2018 10:32:33 AM



#60
Diethylphthalate
Concen: 45.891 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	12.9	10.0	15.0





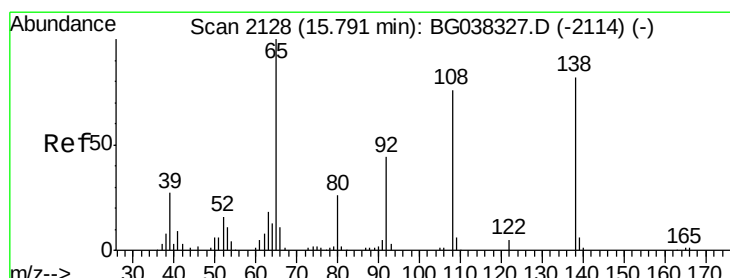
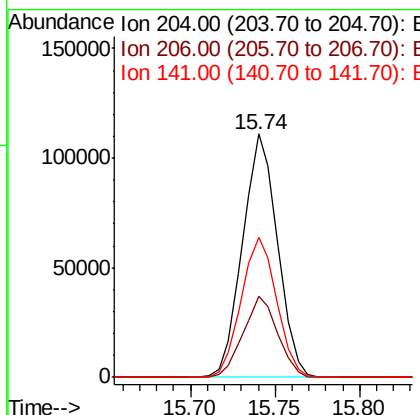
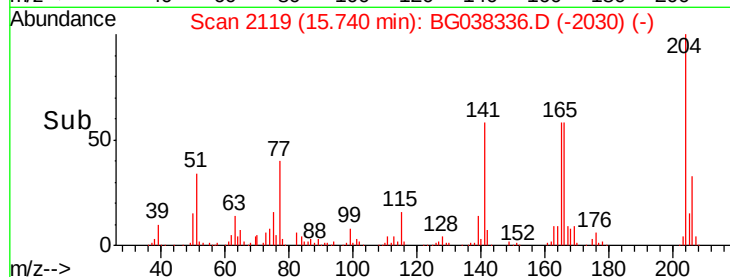
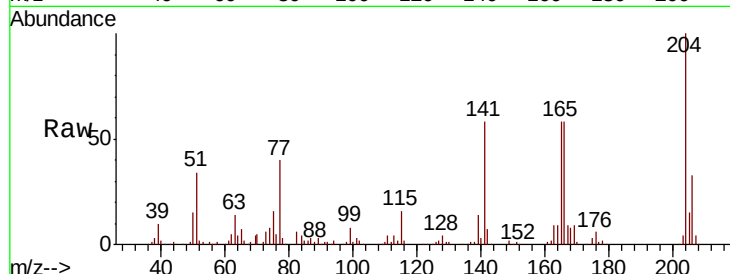
#61
4-Chlorophenyl-phenylether
Concen: 46.409 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Resp	Lower	Upper
204	100	159964		
206	33.1	26.6	39.8	
141	57.5	45.4	68.2	

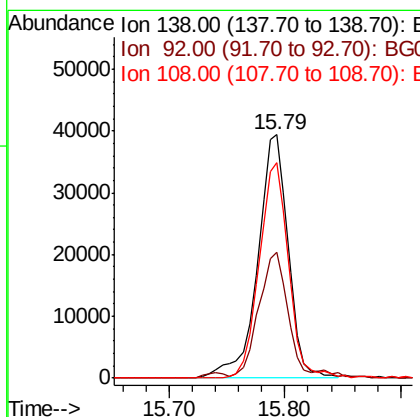
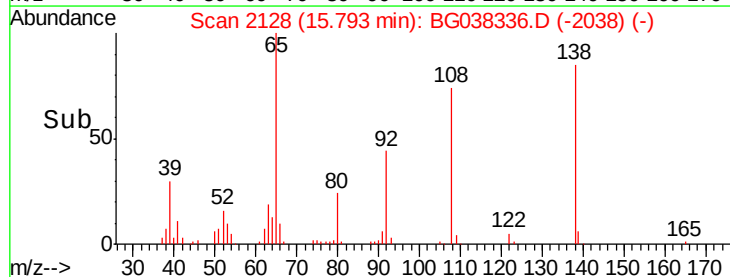
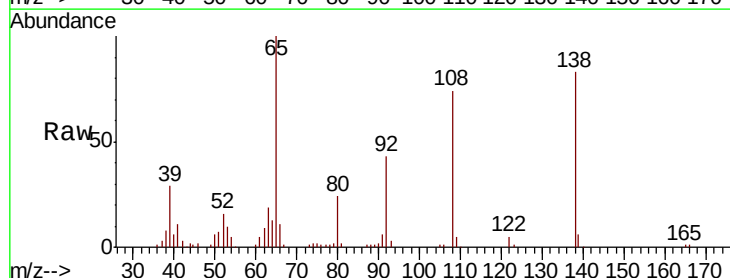
Manual Integrations
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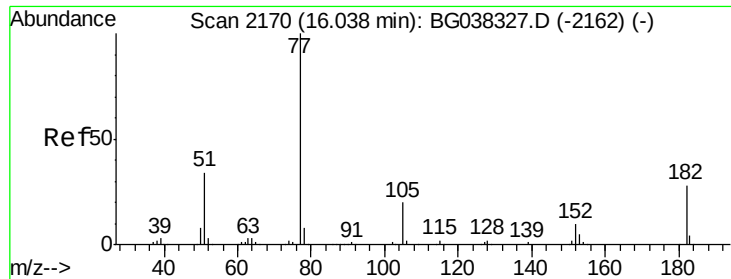
mohammad
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#62
4-Nitroaniline
Concen: 46.451 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	72528		
92	51.5	36.4	76.4	
108	88.4	60.1	100.1	





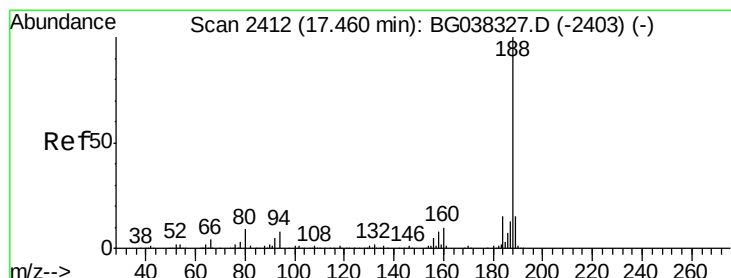
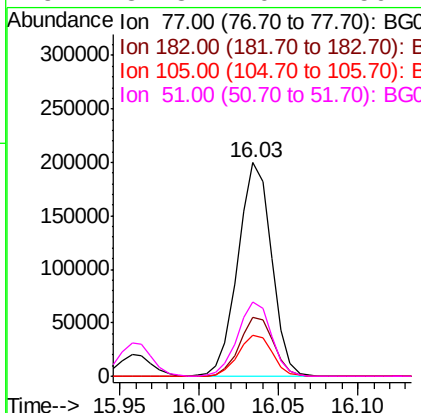
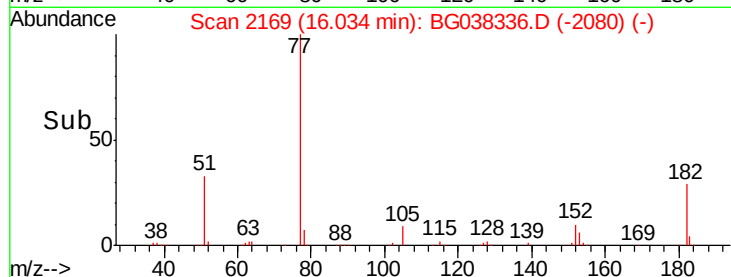
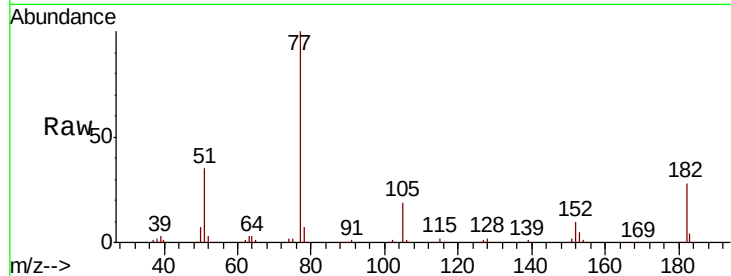
#63
Azobenzene
Concen: 47.080 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	8.0	48.0
105	19.4	1.3	41.3
51	34.8	10.7	50.7

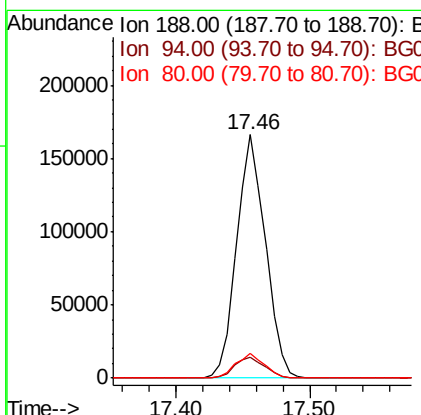
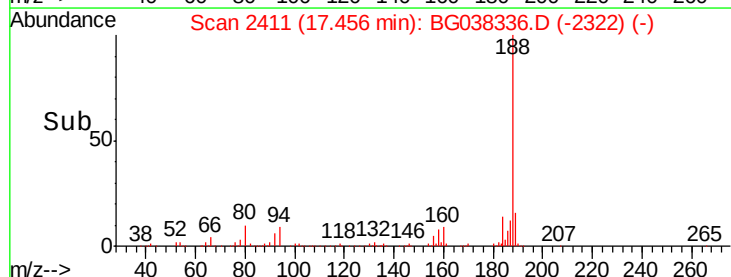
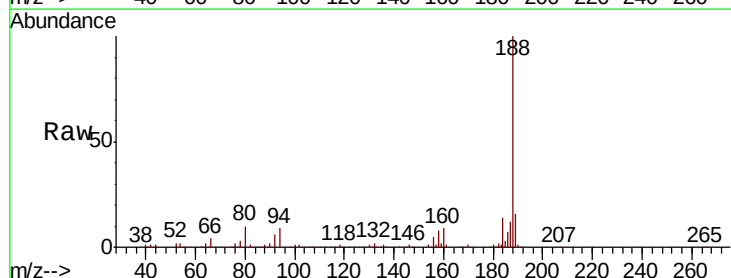
Manual Integrations
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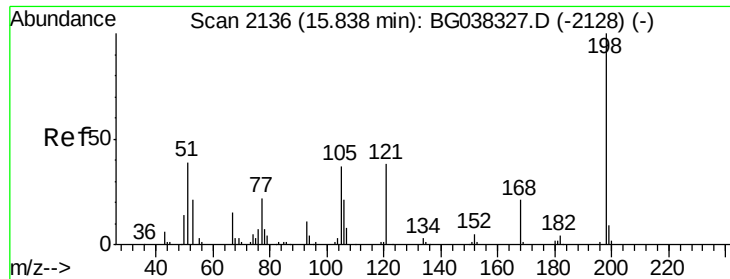
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	10.4	7.7	11.5





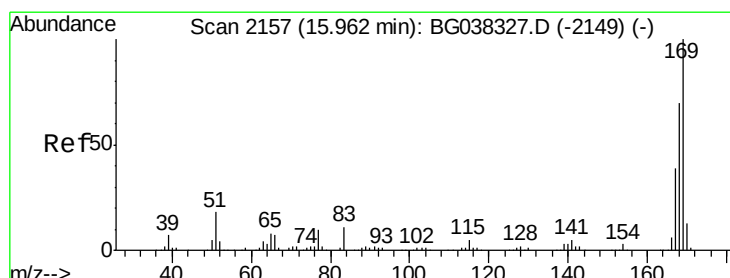
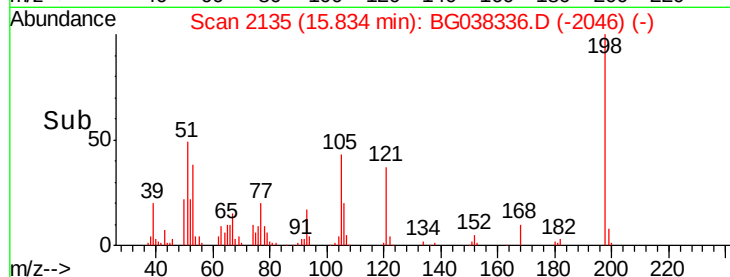
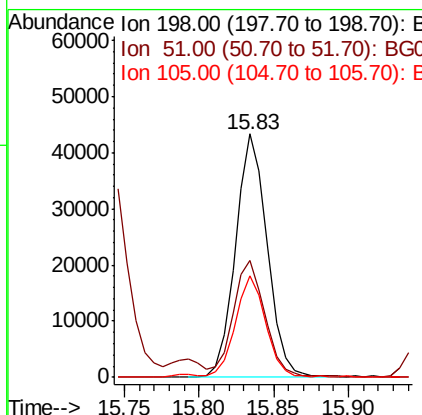
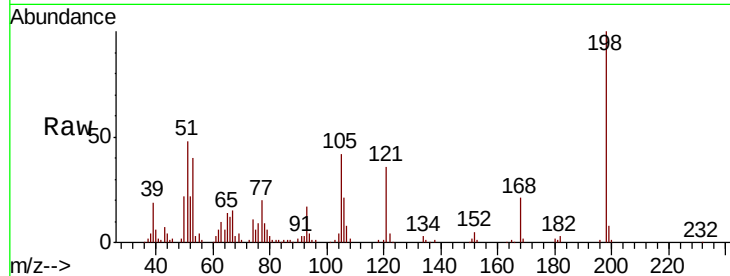
#65
4,6-Dinitro-2-methylphenol
Concen: 39.405 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.2	22.7	62.7
105	41.8	19.7	59.7

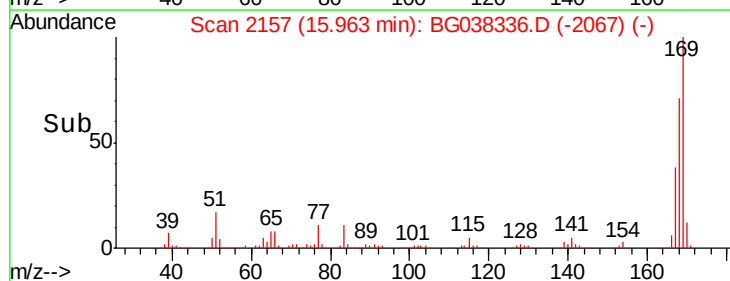
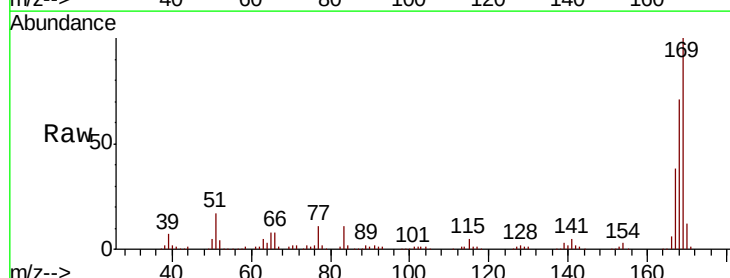
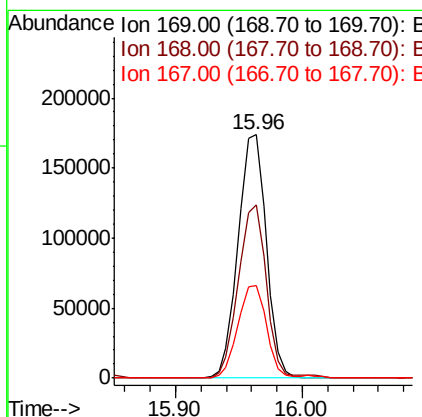
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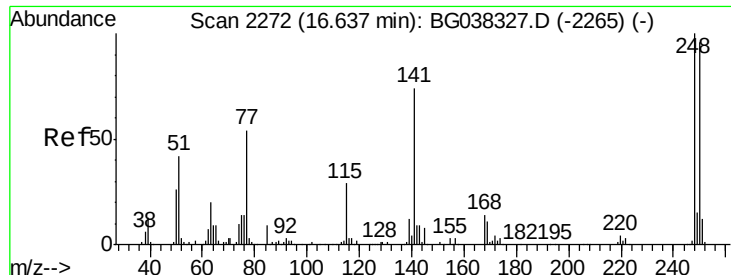
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.519 ng
RT: 15.96 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	71.2	55.7	83.5
167	38.2	31.3	46.9





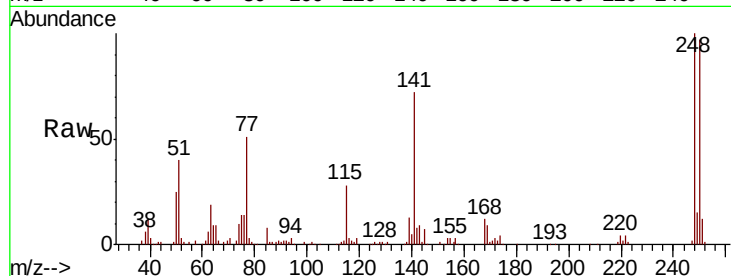
#67
4-Bromophenyl-phenylether
Concen: 37.800 ng
RT: 16.64 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.6
141	72.0	55.5	83.3

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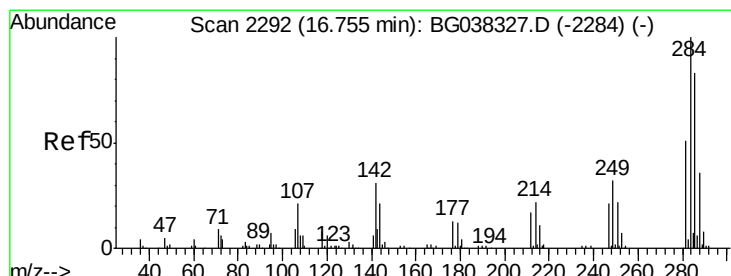
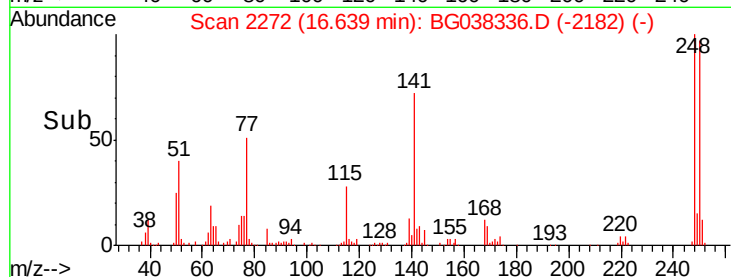
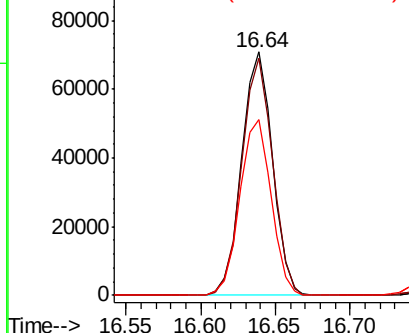


Abundance

Ion 248.00 (247.70 to 248.70): E

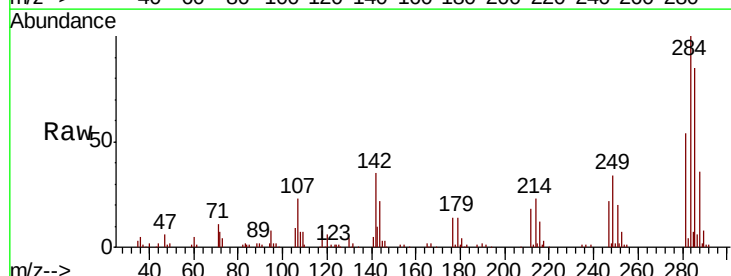
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.780 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.1	42.1
249	36.8	29.8	44.8

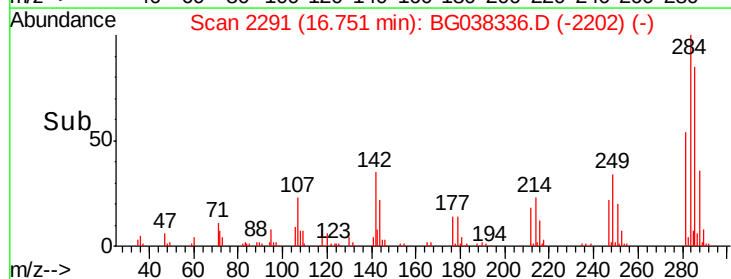
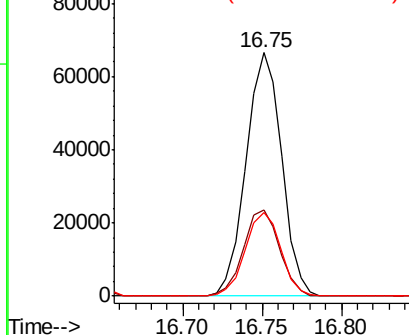


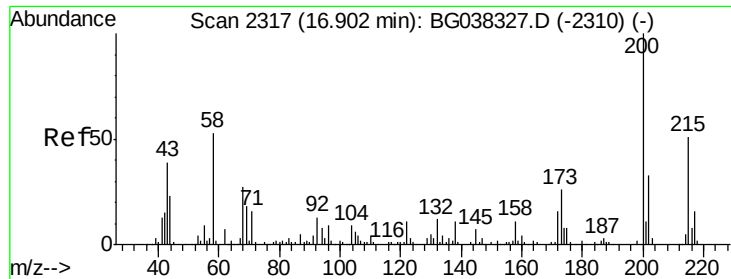
Abundance

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





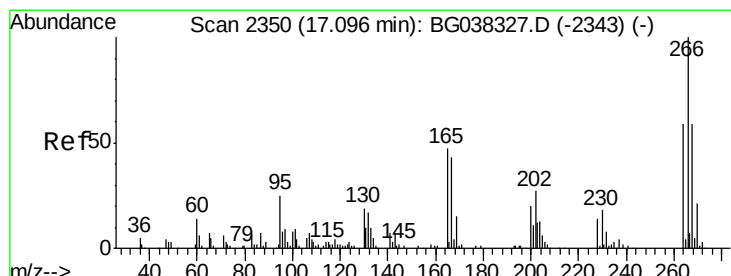
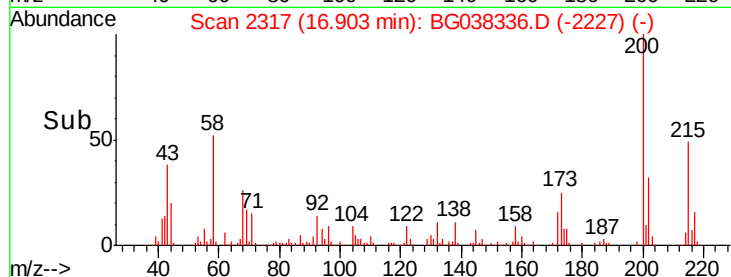
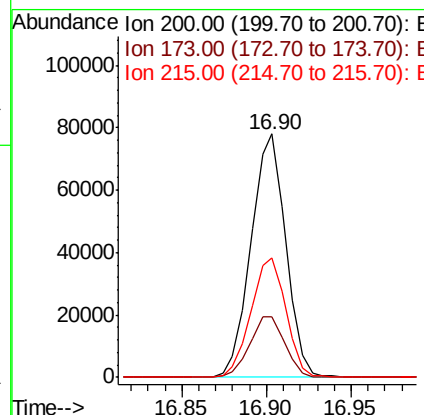
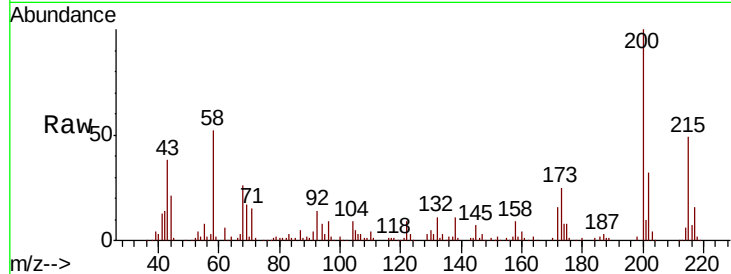
#69
Atrazine
Concen: 42.907 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	24.9	6.1	46.1
215	48.8	30.8	70.8

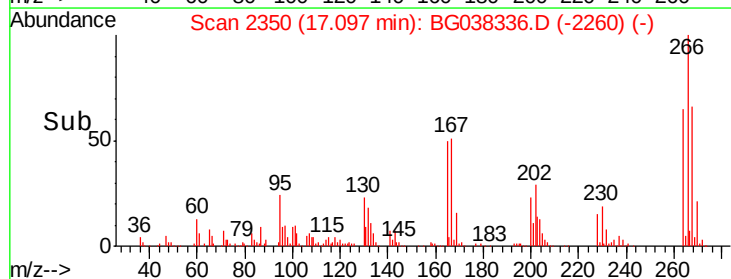
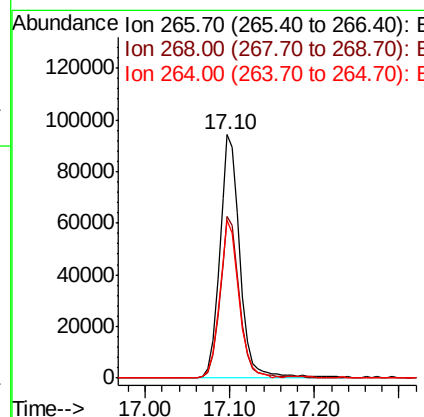
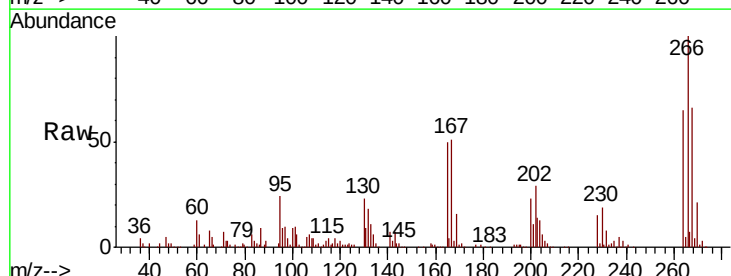
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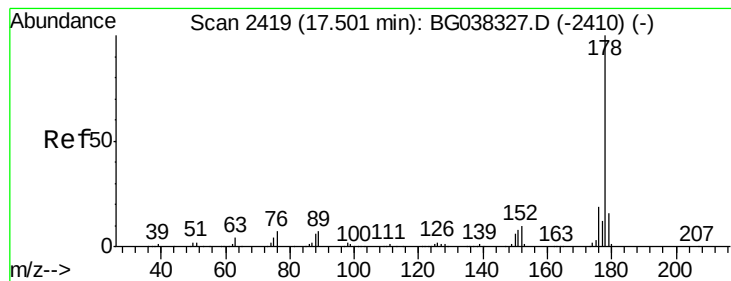
mohammad
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#70
Pentachlorophenol
Concen: 83.543 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	70.8	55.0	82.6
264	70.3	58.9	88.3





#71

Phenanthrene

Concen: 45.174 ng

RT: 17.50 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

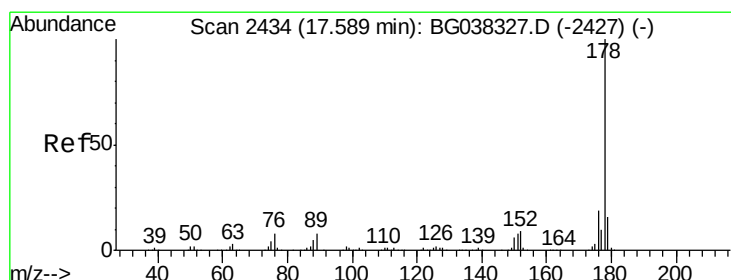
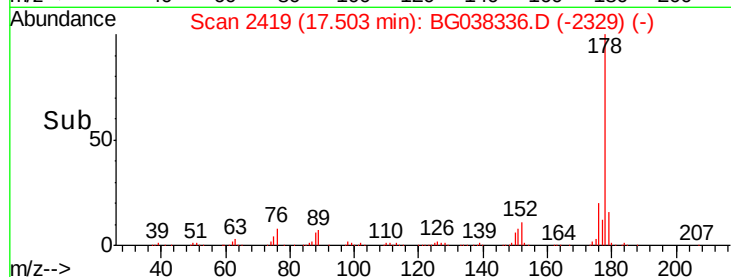
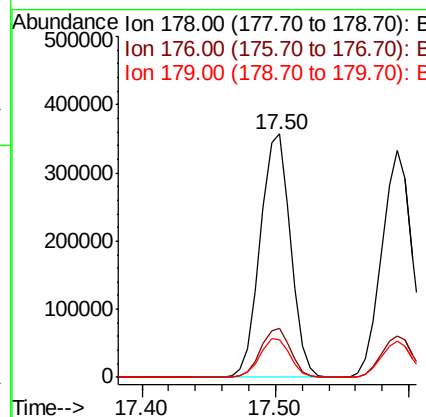
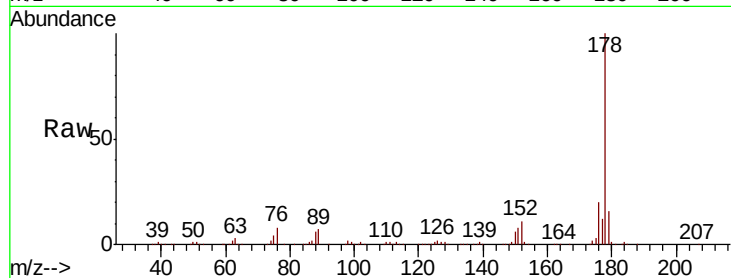
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	178	Resp:	559644
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.1	24.1
179	15.6	13.0	19.4

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#72

Anthracene

Concen: 43.424 ng

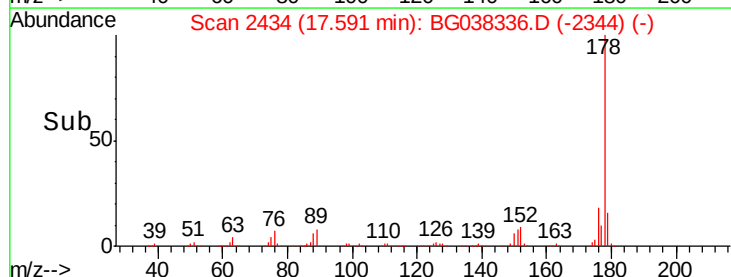
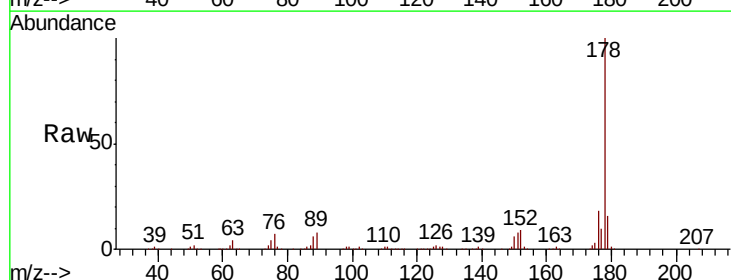
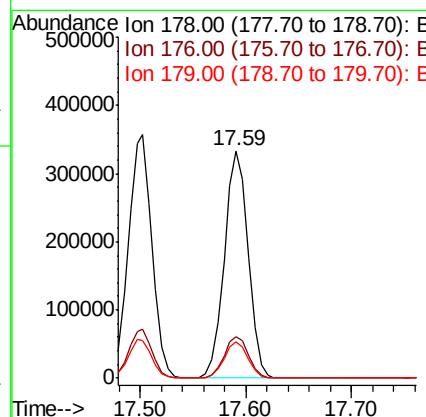
RT: 17.59 min Scan# 2434

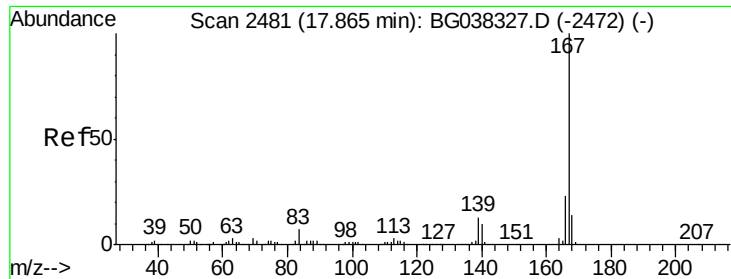
Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion:	178	Resp:	520965
Ion Ratio	Lower	Upper	
178	100		
176	18.1	15.0	22.4
179	16.0	12.8	19.2





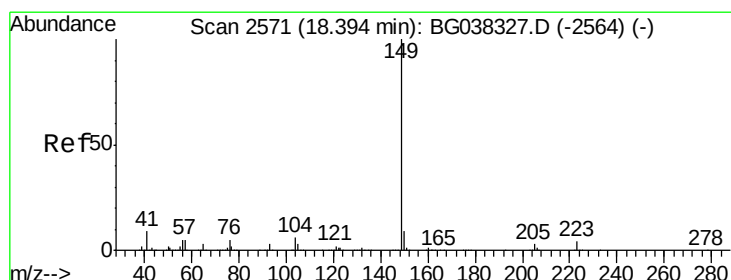
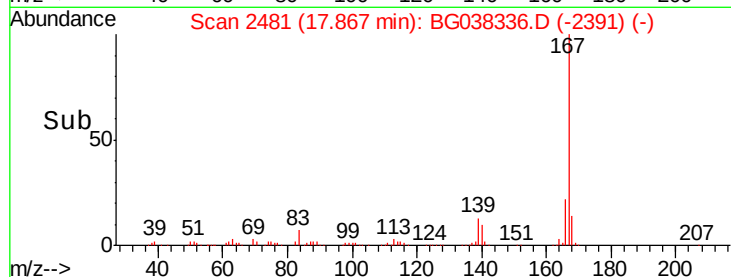
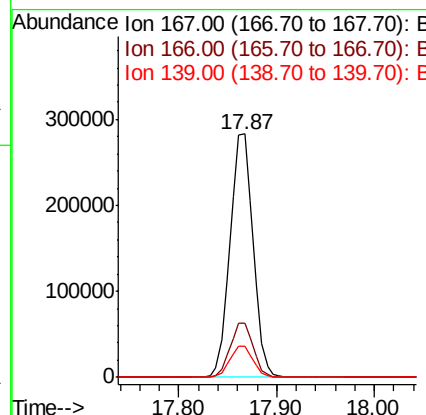
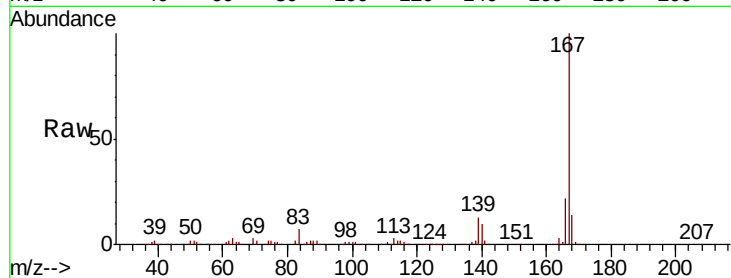
#73
 Carbazole
 Concen: 39.144 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	13.0	10.5	15.7

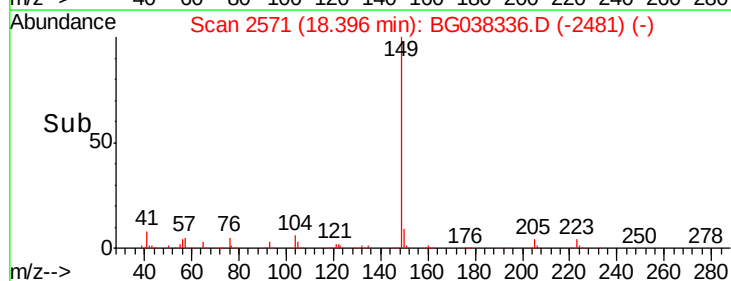
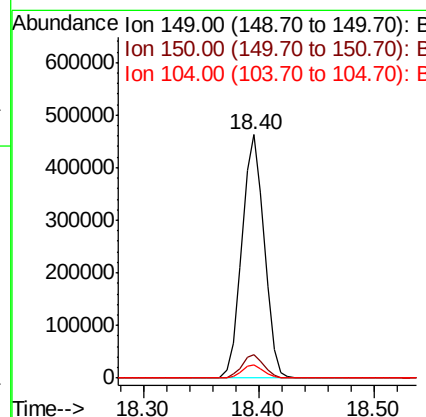
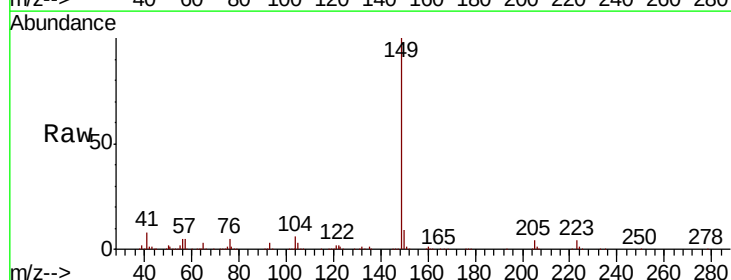
Manual Integrations
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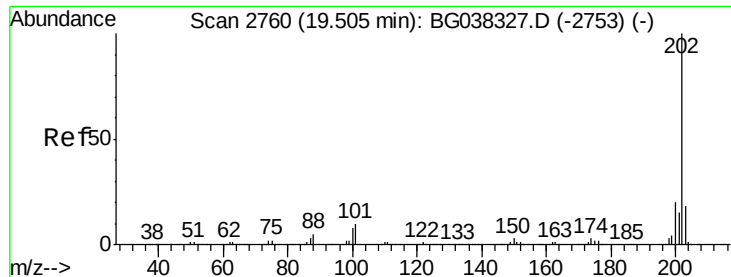
mohammad
 12/6/2018 10:32:33 AM



#74
 Di-n-butylphthalate
 Concen: 44.341 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	5.5	4.0	6.0





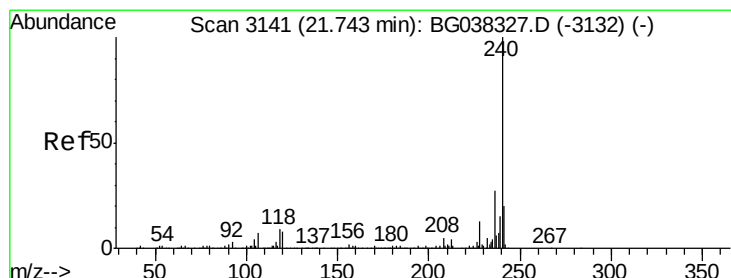
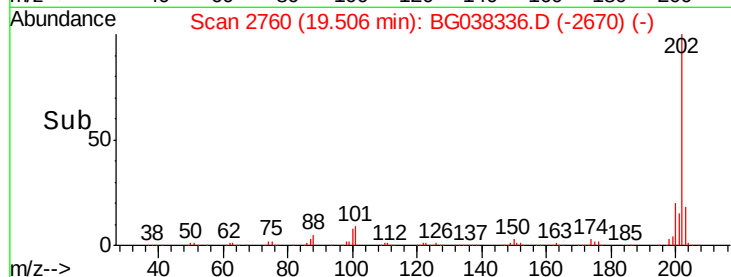
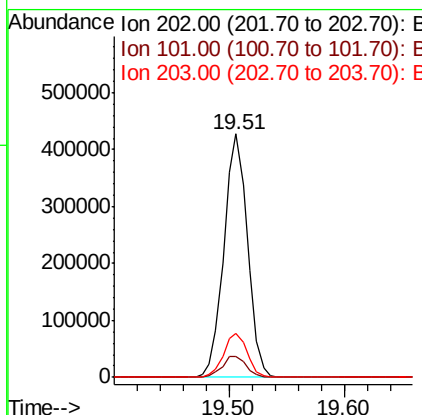
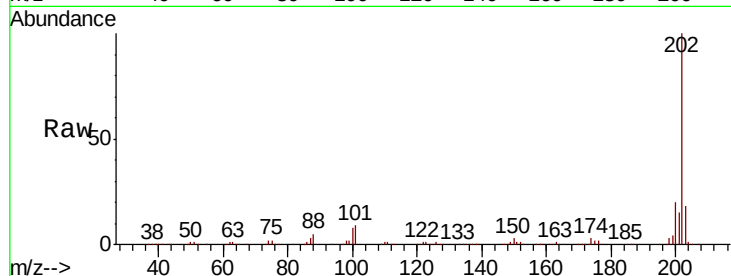
#75
 Fluoranthene
 Concen: 41.792 ng
 RT: 19.51 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.7	0.0	30.7
203	17.9	0.0	38.5

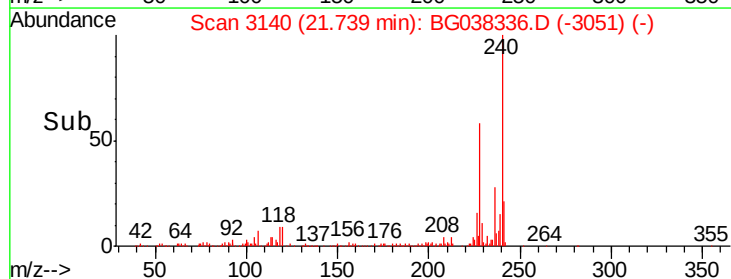
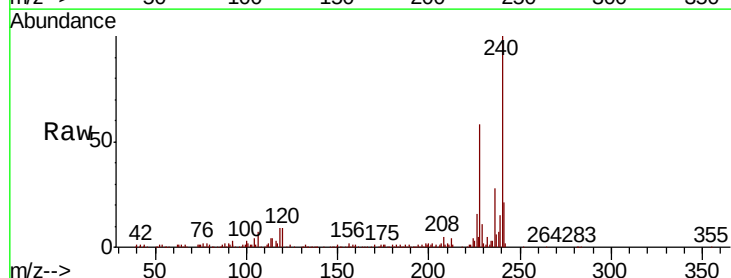
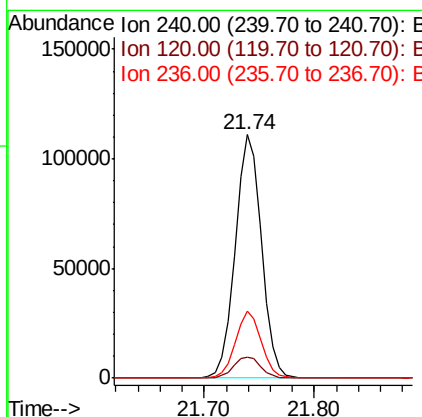
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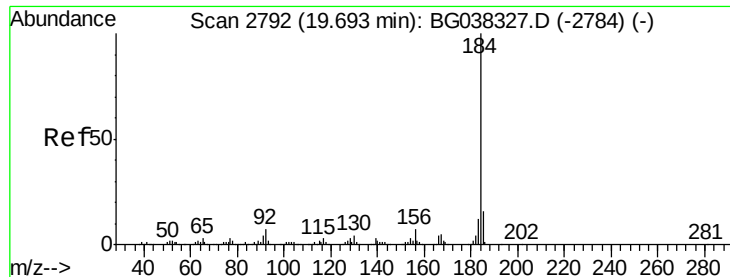
mohammad
 12/6/2018 10:32:33 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG038336.D
 Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.5	8.1	12.1
236	27.6	21.4	32.0





#77

Benzidine

Concen: 10.218 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

Tot Ion:184 Resp: 63937

Ion Ratio Lower Upper

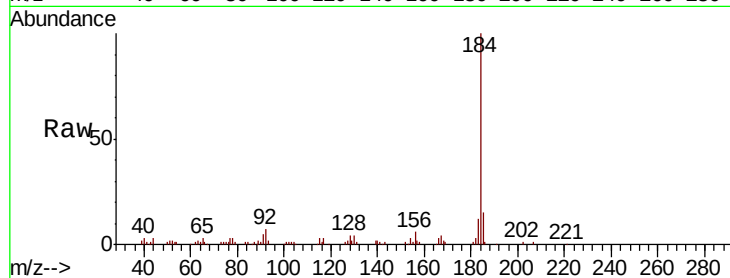
184 100

185 15.3 12.6 18.8

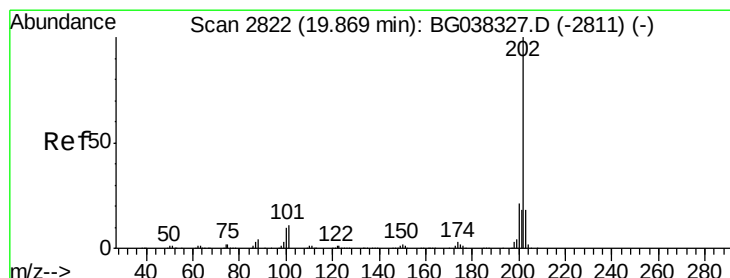
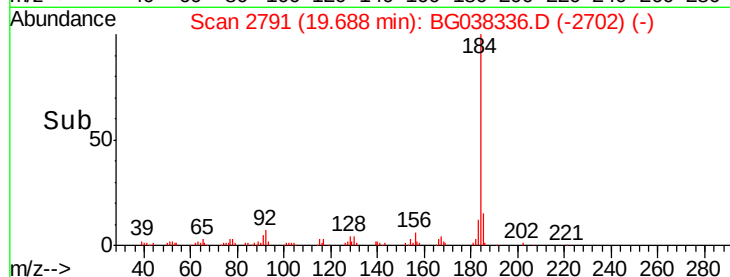
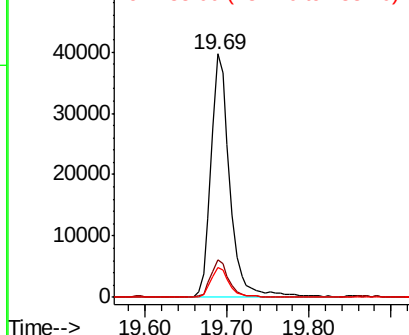
183 12.4 10.2 15.2

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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: 46.547 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

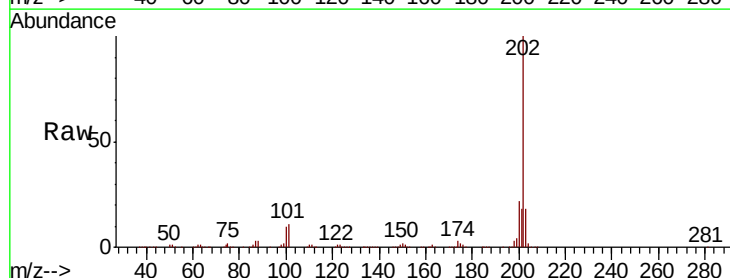
Tgt Ion:202 Resp: 603922

Ion Ratio Lower Upper

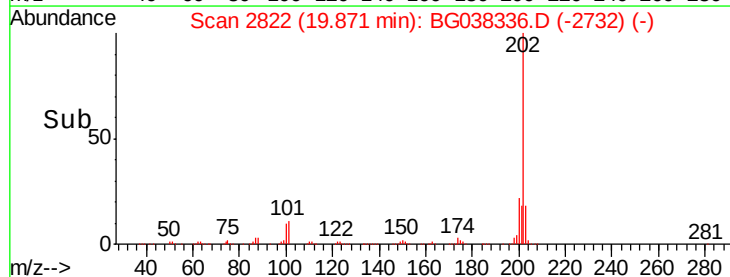
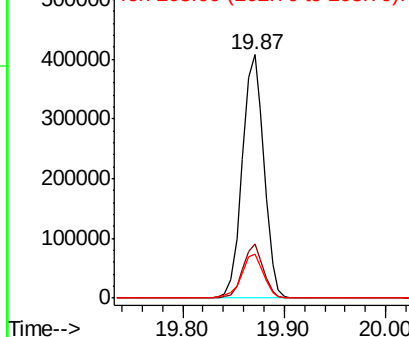
202 100

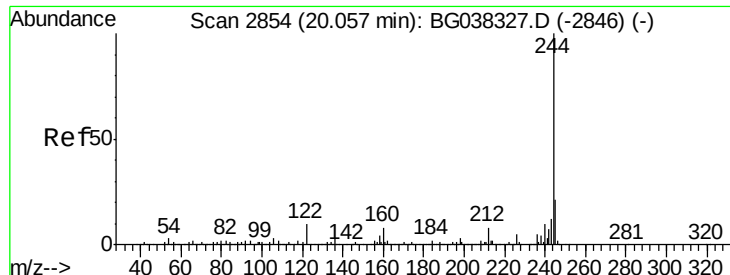
200 22.0 17.8 26.6

203 18.0 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: 87.886 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

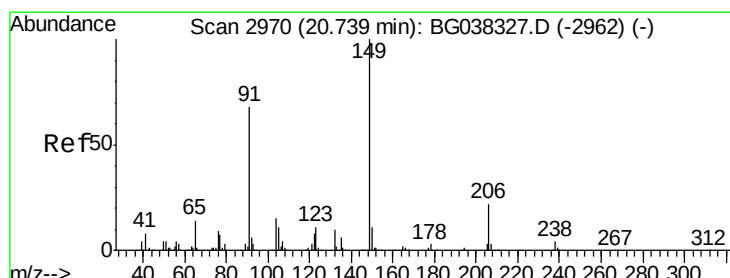
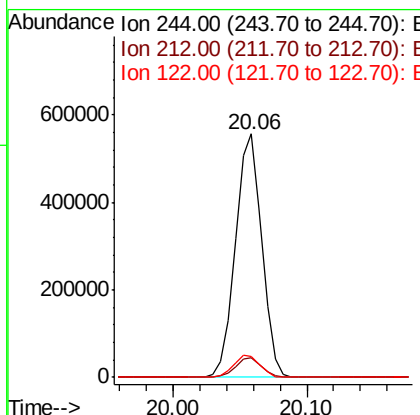
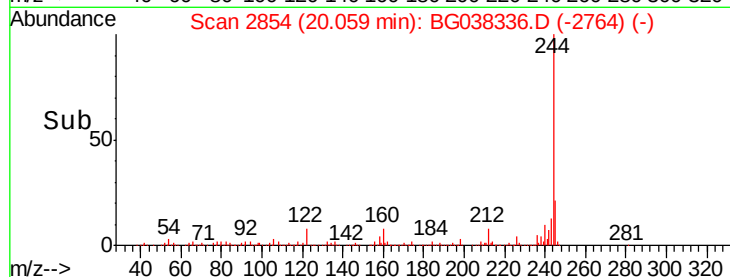
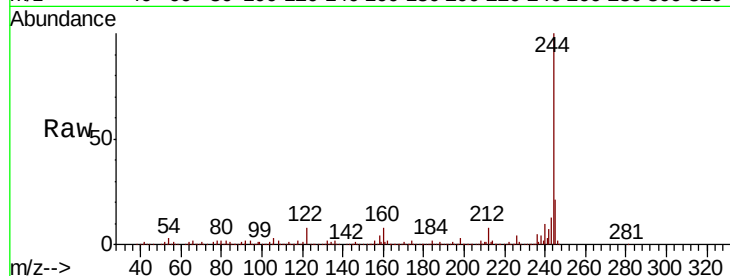
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	244	Resp:	760745
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.5	9.7
122	8.5	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 47.756 ng

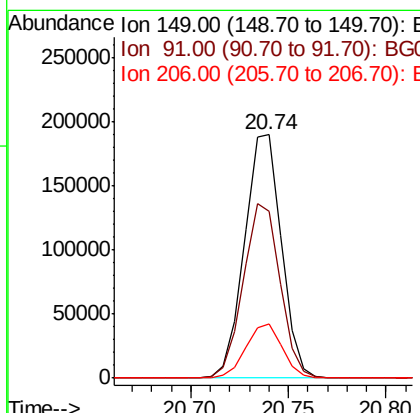
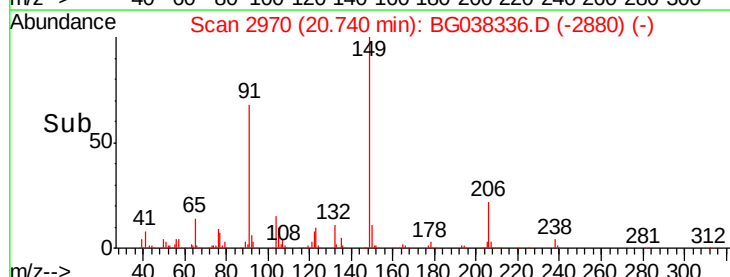
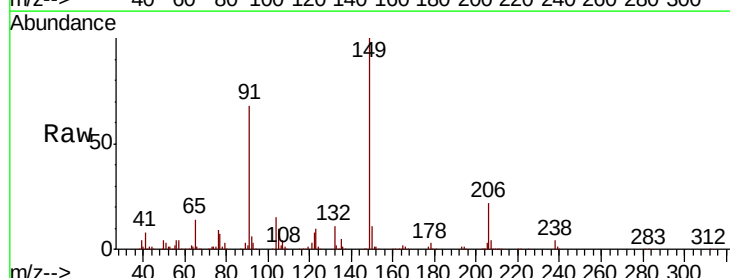
RT: 20.74 min Scan# 2970

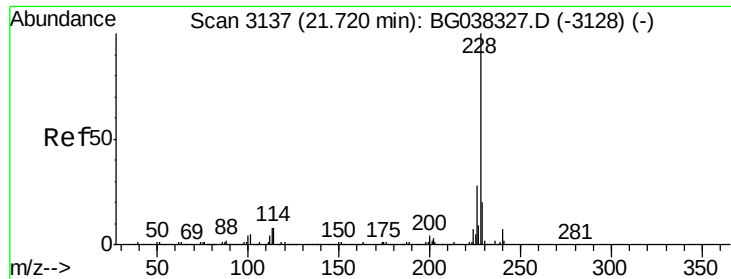
Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion:	149	Resp:	249209
Ion Ratio		Lower	Upper
149	100		
91	68.3	57.0	85.4
206	22.4	17.8	26.6





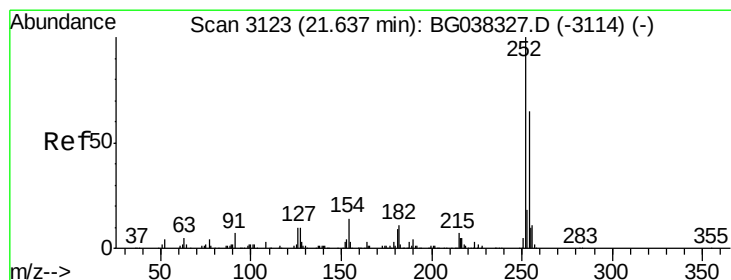
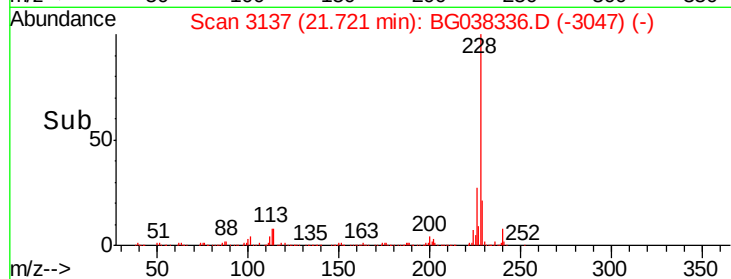
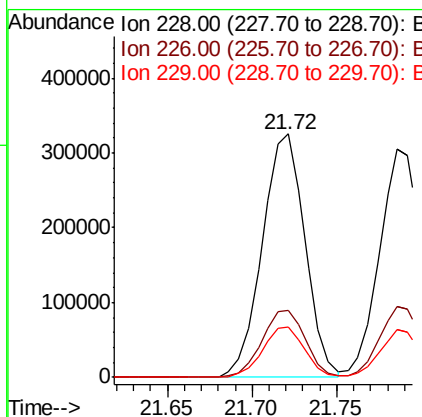
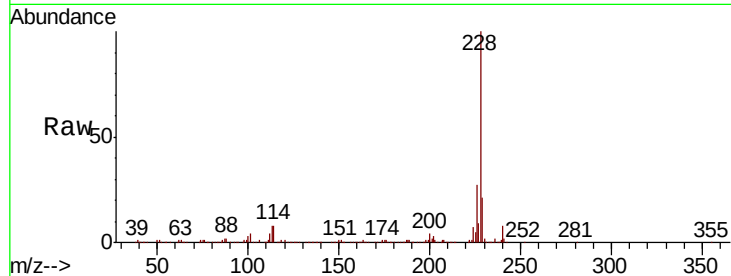
#81
Benzo(a)anthracene
Concen: 49.740 ng
RT: 21.72 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.5	16.3	24.5

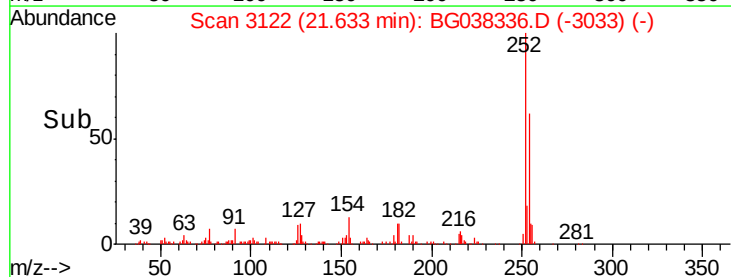
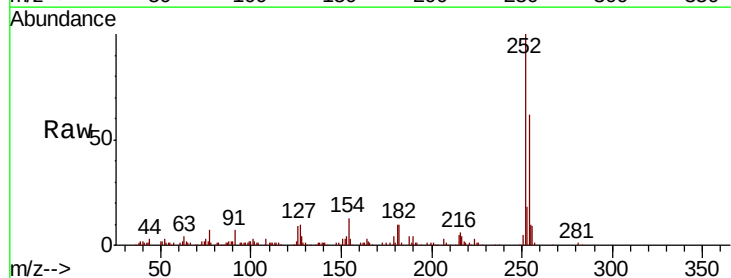
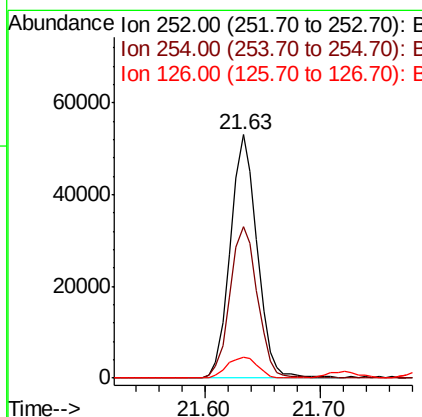
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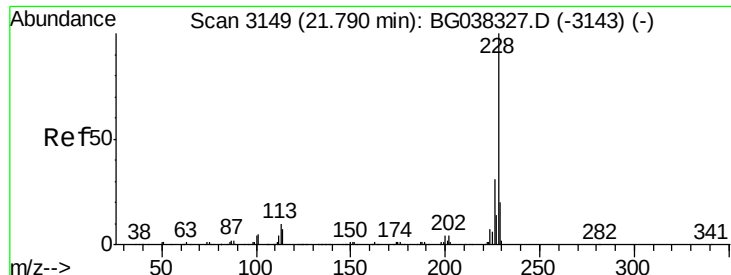
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 19.246 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.1	52.0	78.0
126	8.5	8.2	12.4





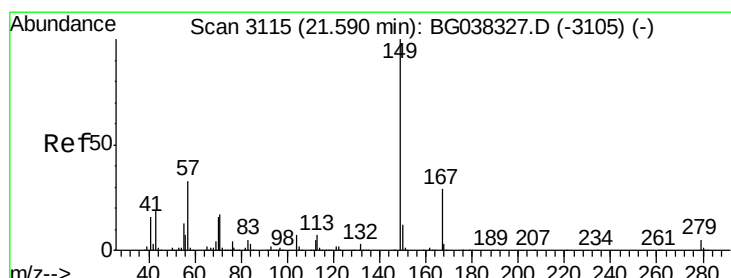
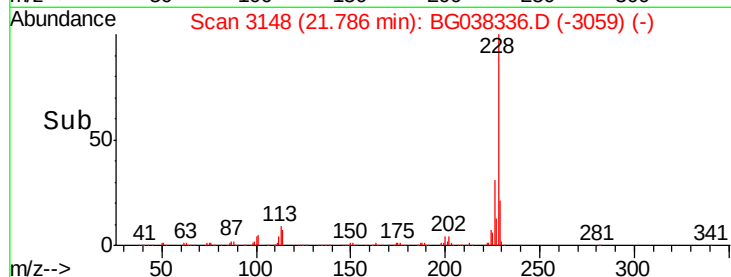
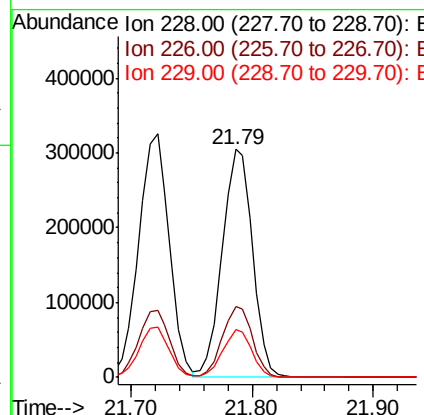
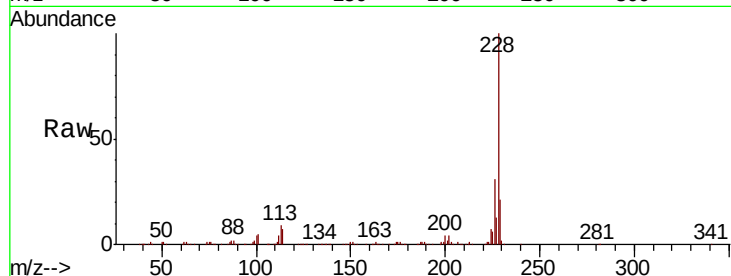
#83
Chrysene
Concen: 48.759 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.7	38.5
229	20.8	16.5	24.7

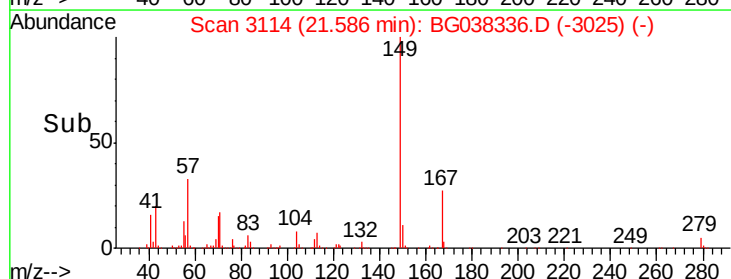
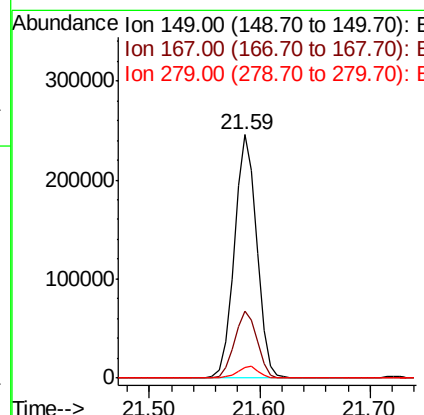
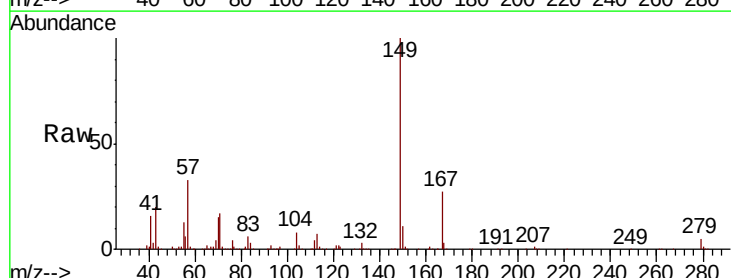
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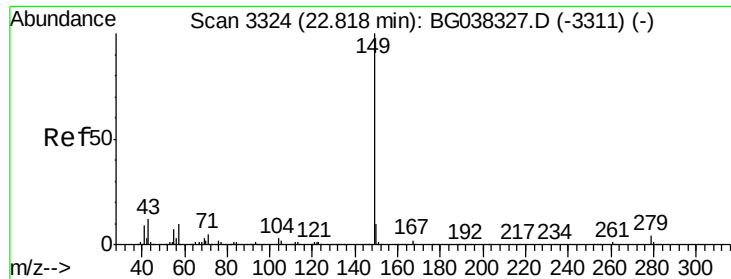
mohammad
12/6/2018 10:32:33 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.235 ng
RT: 21.59 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.0	34.4
279	4.5	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 62.342 ng

RT: 22.82 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

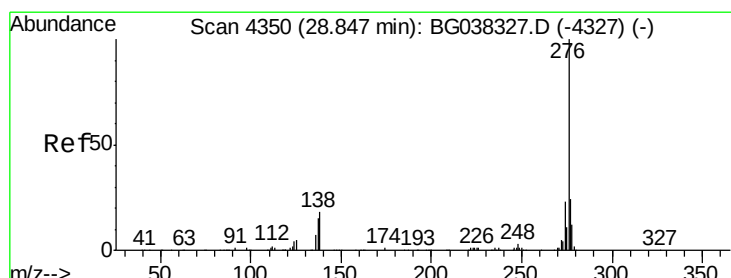
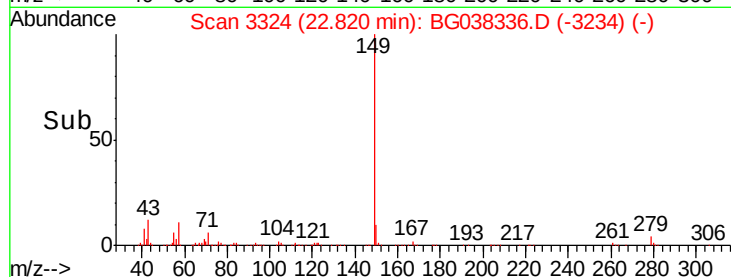
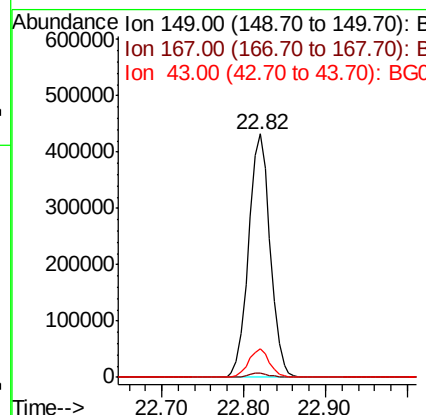
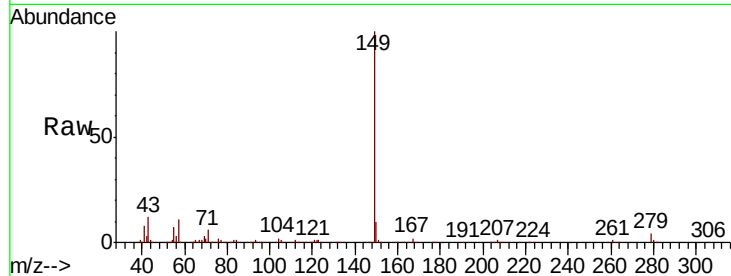
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	149	Resp:	790658
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.2	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 59.181 ng

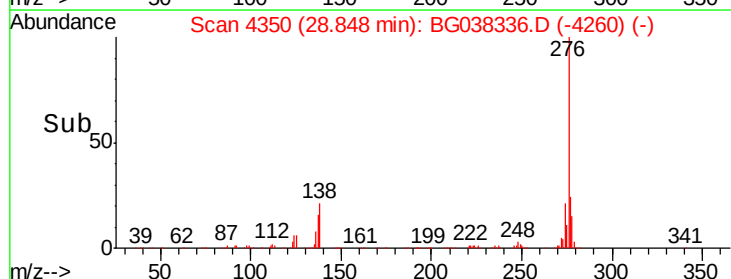
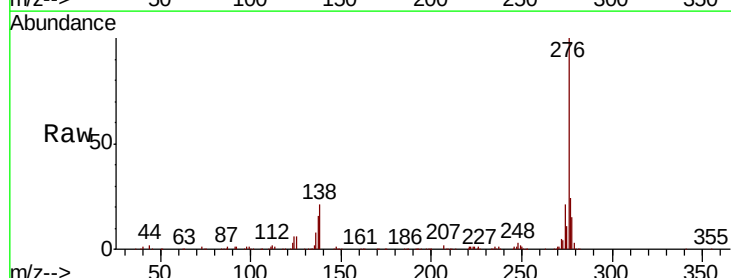
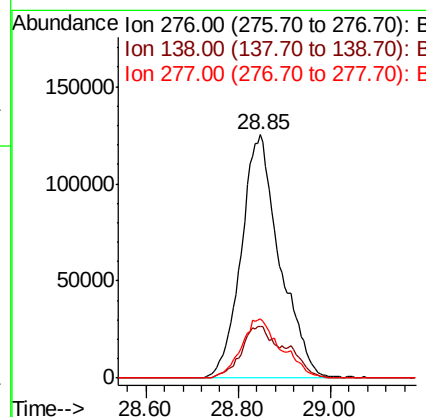
RT: 28.85 min Scan# 4350

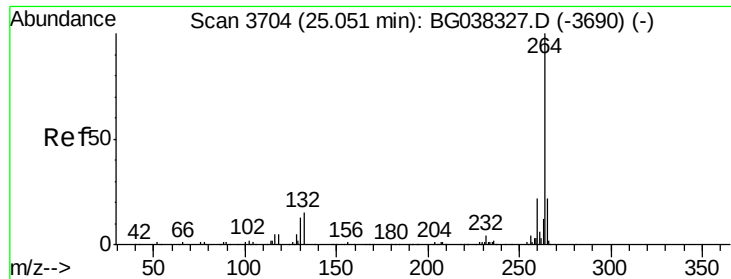
Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion:	276	Resp:	725381
Ion Ratio	Lower	Upper	
276	100		
138	17.9	12.0	18.0
277	25.3	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.05 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Instrument :

BNA_G

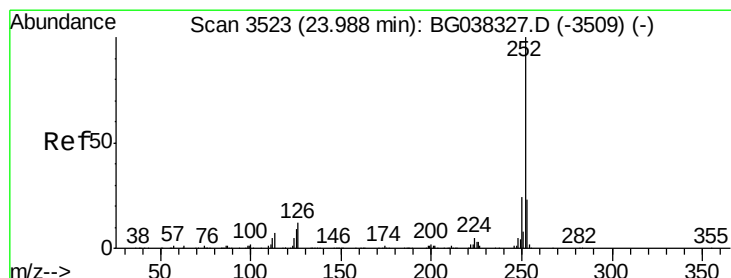
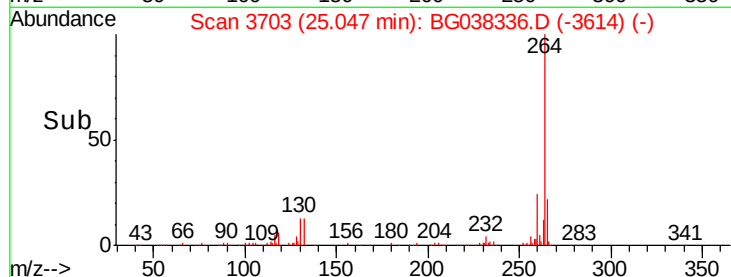
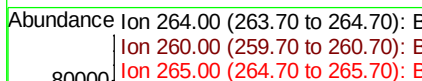
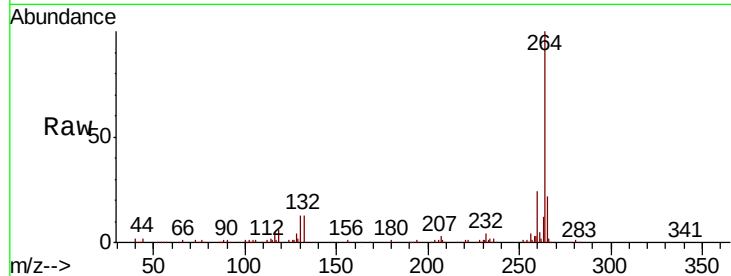
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	264	Resp:	199805
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.2	27.4
265	21.8	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 49.700 ng

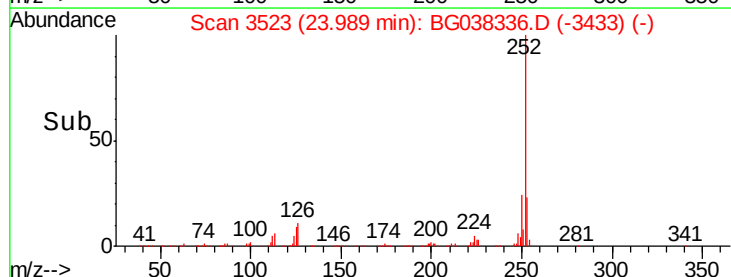
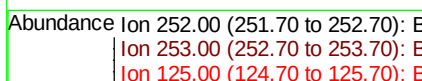
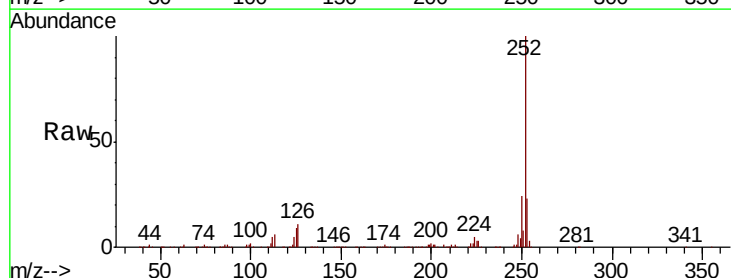
RT: 23.99 min Scan# 3523

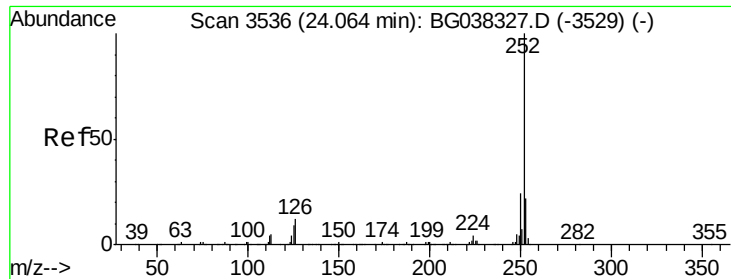
Delta R.T. 0.00 min

Lab File: BG038336.D

Acq: 4 Dec 2018 22:36

Tgt Ion:	252	Resp:	561099
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	8.7	7.8	11.6





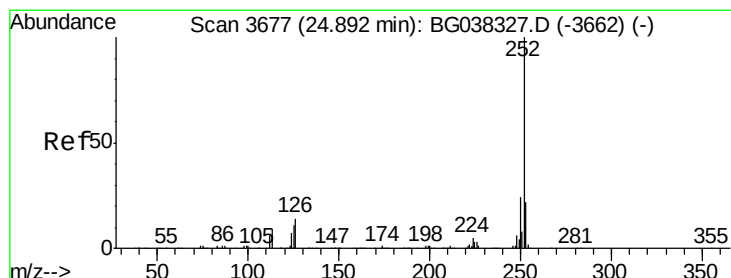
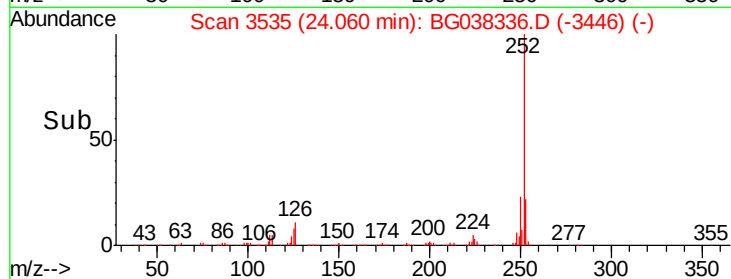
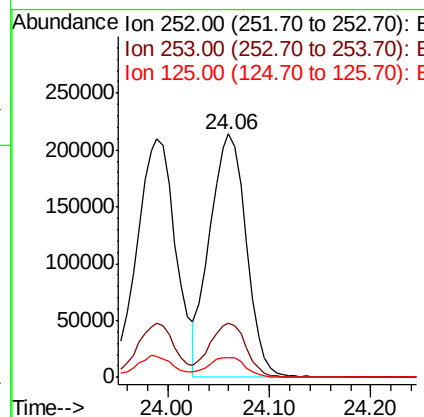
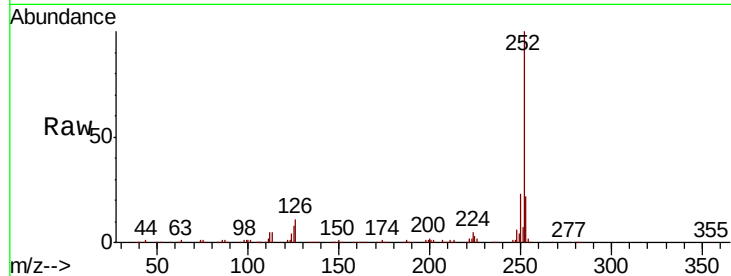
#89
Benzo(k)fluoranthene
Concen: 47.338 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	8.0	7.4	11.0

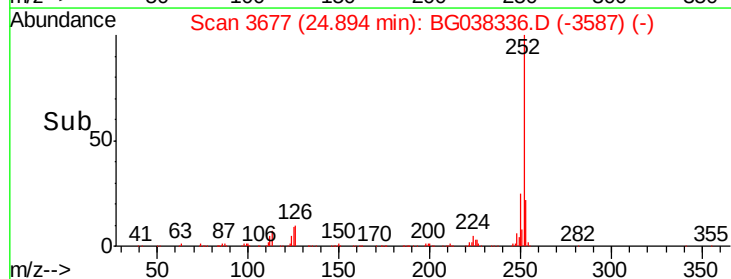
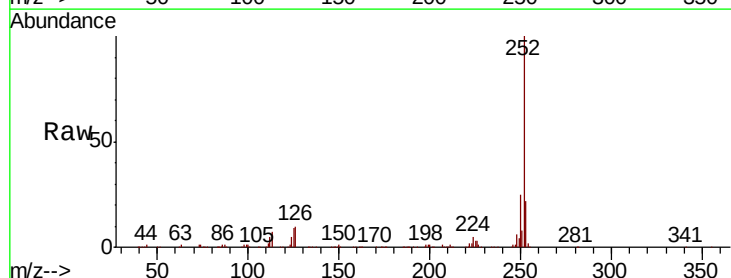
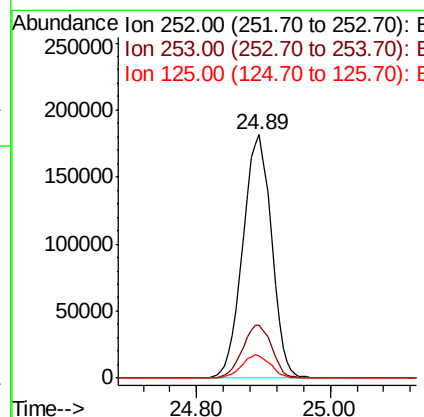
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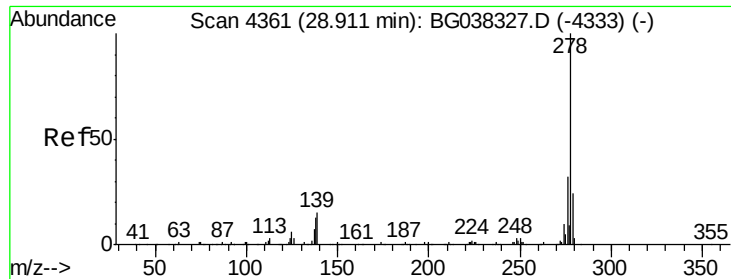
mohammad
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#90
Benzo(a)pyrene
Concen: 49.301 ng
RT: 24.89 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.0	9.0	13.6





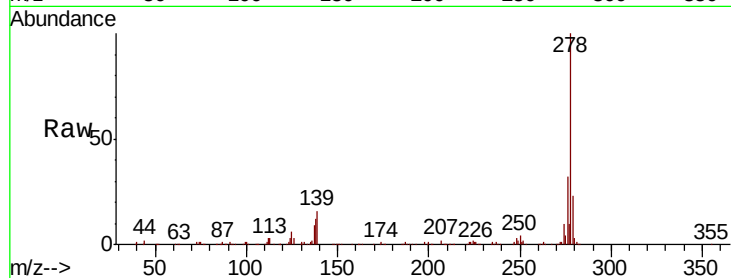
#91
Dibenzo(a,h)anthracene
Concen: 54.488 ng
RT: 28.91 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

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

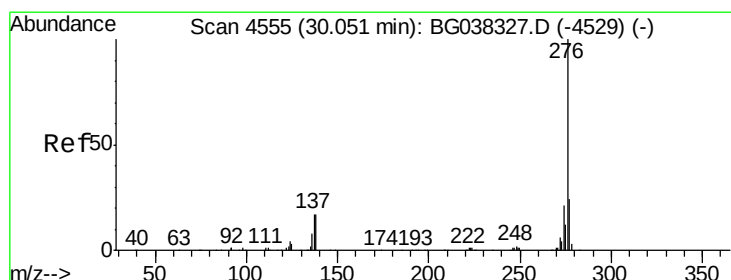
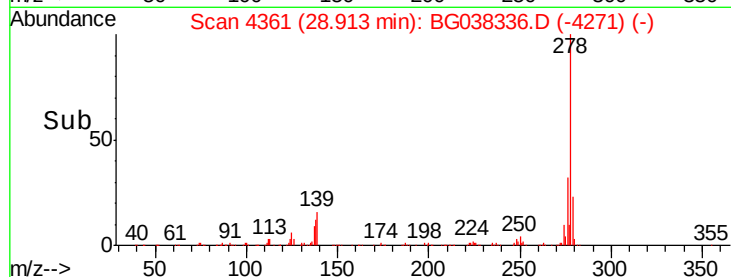
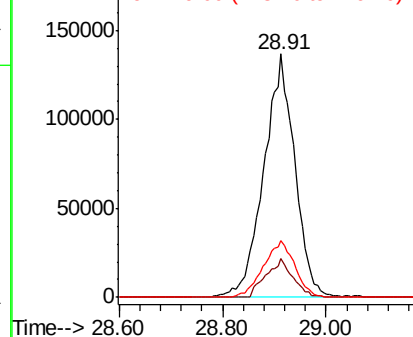
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.5	17.3
279	23.4	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/6/2018 10:32:33 AM

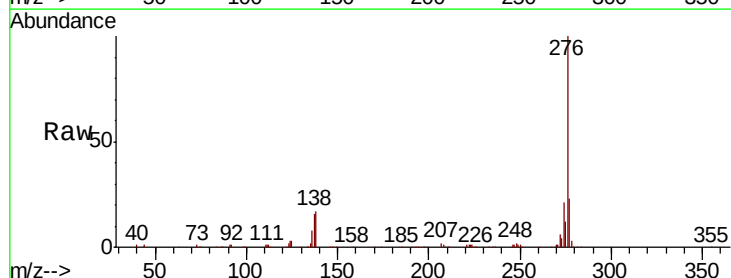


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.040 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG038336.D
Acq: 4 Dec 2018 22:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.9	28.3
138	17.3	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

