

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038355.D
 Acq On : 5 Dec 2018 11:42
 Operator : JU/SJ
 Sample : J5764-22MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 12/6/2018 10:33:28 AM

Quant Time: Dec 05 12:48:11 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	28204	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	126338	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	81079	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	201323	20.00	ng	0.00
76) Chrysene-d12	21.74	240	187681	20.00	ng	0.00
87) Perylene-d12	25.05	264	211620	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	184361	115.68	ng	0.00
7) Phenol-d6	7.22	99	239406	103.93	ng	0.00
23) Nitrobenzene-d5	9.25	82	275641	108.32	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	130915	131.53	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	431947	75.91	ng	0.00
79) Terphenyl-d14	20.06	244	758709	86.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	22938	31.402	ng	# 6
3) Pyridine	3.92	79	92623	42.385	ng	95
4) n-Nitrosodimethylamine	3.83	42	52277	54.613	ng	99
6) Aniline	7.40	93	56531	19.214	ng	96
8) 2-Chlorophenol	7.63	128	84526	45.666	ng	97
9) Benzaldehyde	7.21	77	43034	29.502	ng	96
10) Phenol	7.25	94	96122	39.494	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	81440	40.857	ng	99
12) 1,3-Dichlorobenzene	7.96	146	86979	40.206	ng	97
13) 1,4-Dichlorobenzene	8.11	146	88545	39.558	ng	98
14) 1,2-Dichlorobenzene	8.43	146	85281	41.724	ng	99
15) Benzyl Alcohol	8.31	79	83043	43.850	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	184155	40.618	ng	97
17) 2-Methylphenol	8.51	107	75817	45.264	ng	97
18) Hexachloroethane	9.15	117	49812	61.659	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	82363	49.417	ng	98
20) 3+4-Methylphenols	8.84	107	122943	50.141	ng	98
22) Acetophenone	8.90	105	139912	46.288	ng	# 94
24) Nitrobenzene	9.29	77	145595	56.315	ng	96
25) Isophorone	9.81	82	237728	53.160	ng	97
26) 2-Nitrophenol	10.00	139	57971	48.393	ng	95
27) 2,4-Dimethylphenol	10.05	122	97435	56.629	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	140755	54.904	ng	97
29) 2,4-Dichlorophenol	10.53	162	118651	60.410	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	100453	43.569	ng	99
31) Naphthalene	10.94	128	275809	45.703	ng	98
32) Benzoic acid	10.19	122	52349	43.366	ng	98
33) 4-Chloroaniline	11.06	127	11729	4.390	ng	99
34) Hexachlorobutadiene	11.20	225	58452	40.524	ng	95
35) Caprolactam	11.83	113	29408m	36.207	ng	
36) 4-Chloro-3-methylphenol	12.16	107	107565	49.291	ng	98
37) 2-Methylnaphthalene	12.54	142	209397	48.723	ng	95
38) 1-Methylnaphthalene	12.76	142	200338	48.670	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	115108	41.259	ng	98

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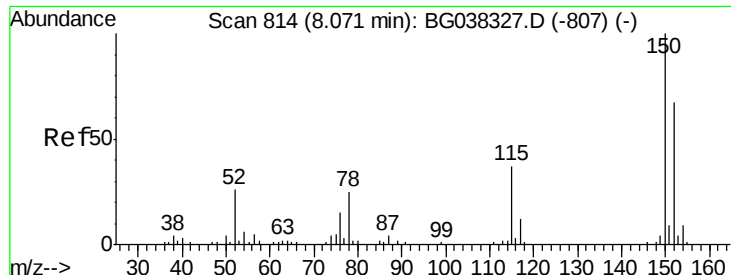
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	145320	94.784	nq	98
43) 2,4,6-Trichlorophenol	13.14	196	86671	47.957	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	94416	49.314	nq	94
46) 1,1'-Biphenyl	13.54	154	280130	40.874	nq	99
47) 2-Chloronaphthalene	13.59	162	221335	42.798	nq	99
48) 2-Nitroaniline	13.80	65	81756	47.120	nq	98
49) Acenaphthylene	14.44	152	375068	48.154	nq	99
50) Dimethylphthalate	14.16	163	314616	48.378	nq	99
51) 2,6-Dinitrotoluene	14.29	165	70357	47.361	nq	95
52) Acenaphthene	14.77	154	217378	45.780	nq	97
53) 3-Nitroaniline	14.62	138	23306	14.567	nq	# 97
54) 2,4-Dinitrophenol	14.83	184	91771	112.695	nq	# 85
55) Dibenzofuran	15.11	168	355611	45.301	nq	98
56) 4-Nitrophenol	14.92	139	106106	83.956	nq	86
57) 2,4-Dinitrotoluene	15.08	165	102006	49.786	nq	95
58) Fluorene	15.75	166	291983	50.487	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85866	51.638	nq	97
60) Diethylphthalate	15.51	149	330790	45.912	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	157215	45.257	nq	99
62) 4-Nitroaniline	15.79	138	71611	45.508	nq	88
63) Azobenzene	16.03	77	293773	46.590	nq	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	60869	46.145	nq	94
66) n-Nitrosodiphenylamine	15.96	169	268615	47.448	nq	100
67) 4-Bromophenyl-phenylether	16.64	248	101652	46.756	nq	98
68) Hexachlorobenzene	16.75	284	105967	47.255	nq	100
69) Atrazine	16.90	200	106790	50.552	nq	97
70) Pentachlorophenol	17.10	266	127444	82.974	nq	98
71) Phenanthrene	17.50	178	502239	49.815	nq	99
72) Anthracene	17.59	178	513639	52.608	nq	100
73) Carbazole	17.86	167	460748	47.547	nq	99
74) Di-n-butylphthalate	18.40	149	549064	48.501	nq	98
75) Fluoranthene	19.51	202	601950	51.102	nq	97
77) Benzidine	19.69	184	37755	5.961	nq	97
78) Pyrene	19.87	202	602738	45.900	nq	98
80) Butylbenzylphthalate	20.73	149	247083	46.782	nq	98
81) Benzo(a)anthracene	21.72	228	561234	48.655	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	84059	18.733	nq	99
83) Chrysene	21.79	228	522526	47.869	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	349662	46.708	nq	98
85) Di-n-octyl phthalate	22.82	149	588967	45.884	nq	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	635756	51.248	nq	99
88) Benzo(b)fluoranthene	23.99	252	751386	62.839	nq	98
89) Benzo(k)fluoranthene	24.06	252	695812	58.428	nq	98
90) Benzo(a)pyrene	24.89	252	660141	56.917	nq	98
91) Dibenzo(a,h)anthracene	28.91	278	524956	47.722	nq	97
92) Benzo(g,h,i)perylene	30.05	276	527502	48.333	nq	# 95

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



#1

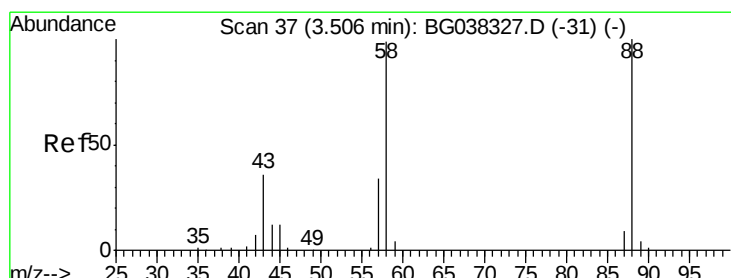
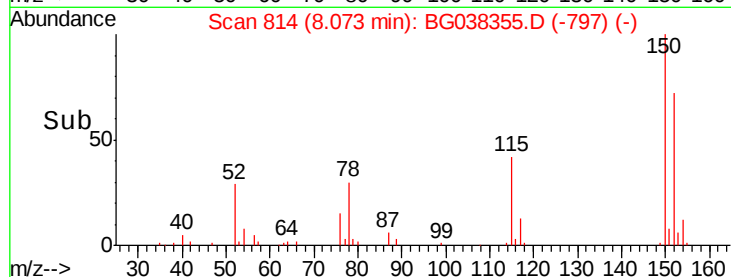
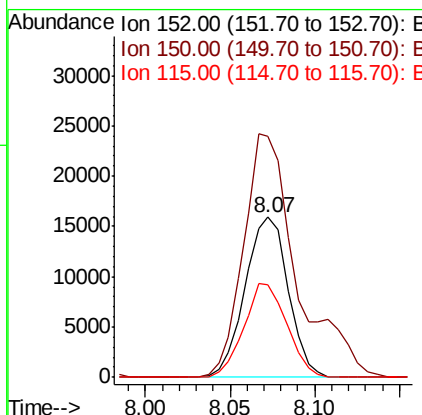
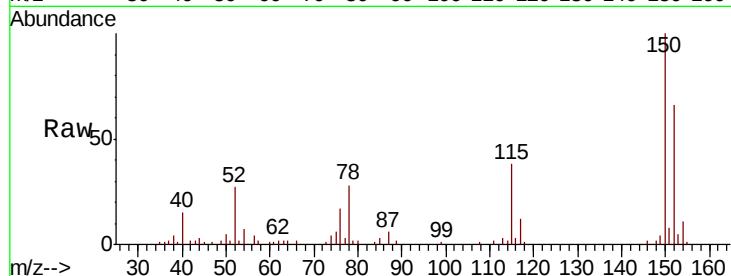
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	126.0	189.0
115	57.9	45.5	68.3

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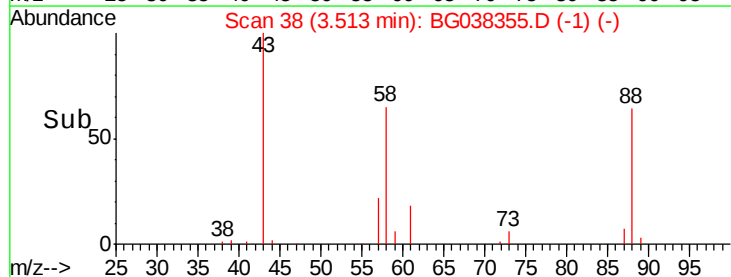
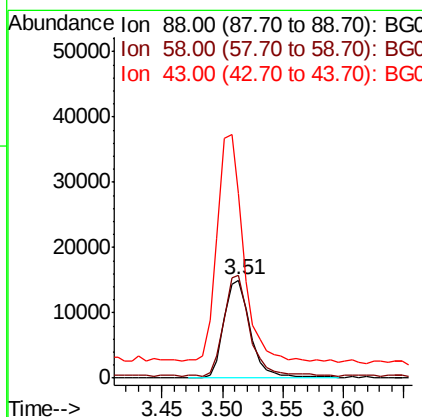
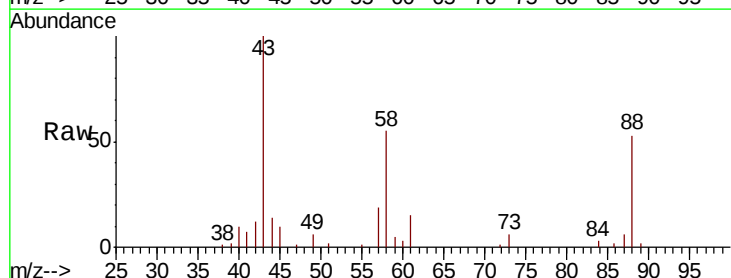
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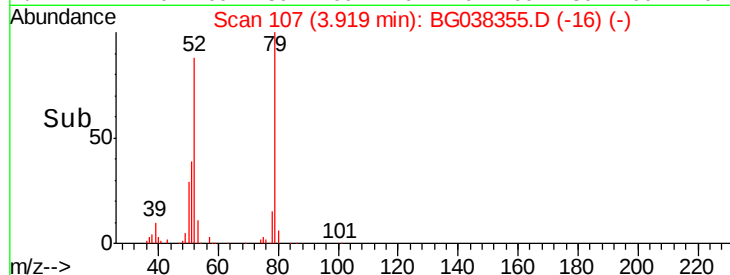
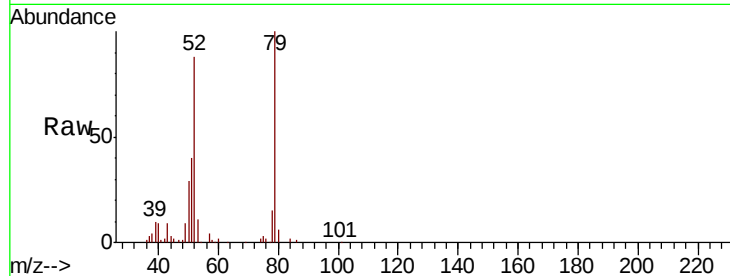
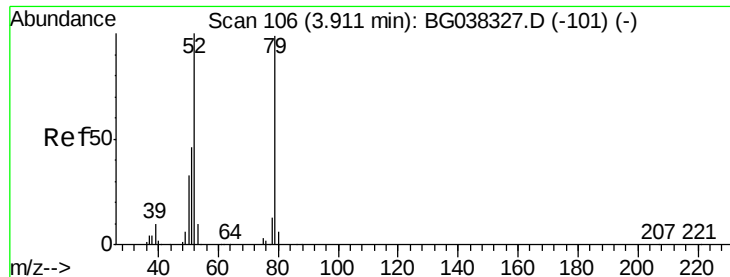


#2

1,4-Dioxane
Concen: 31.402 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.01 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.0	74.4	111.6
43	229.6	25.8	38.8#





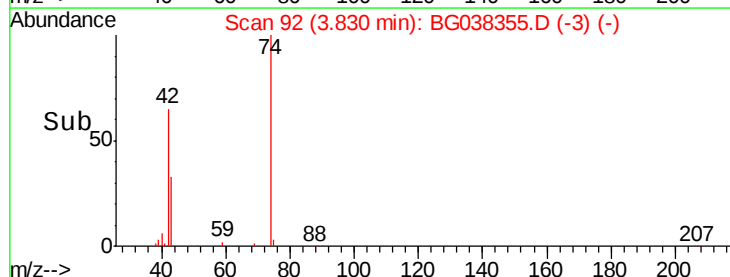
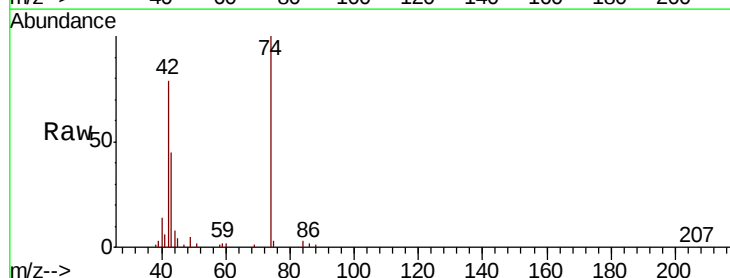
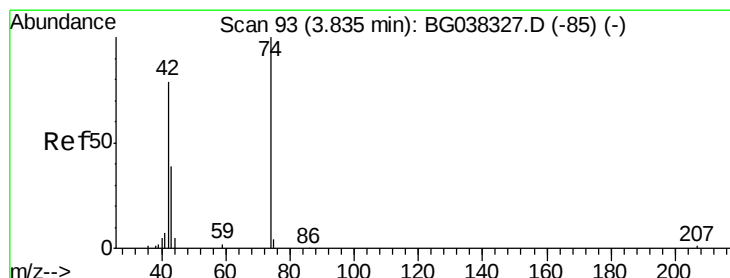
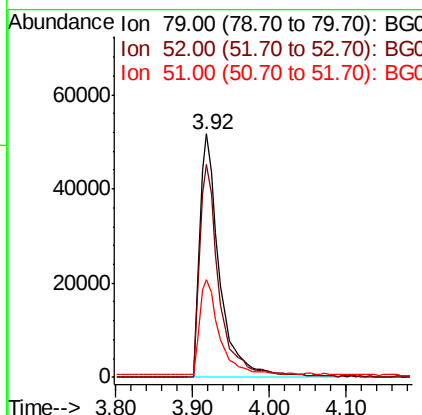
#3
 Pvridine
 Concen: 42.385 ng
 RT: 3.92 min Scan# 107
 Delta R.T. 0.01 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.5	74.2	111.2
51	40.1	34.6	51.8

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

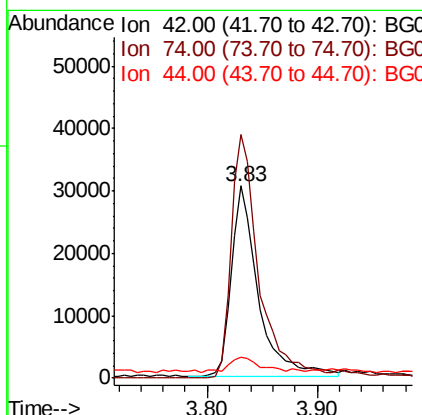
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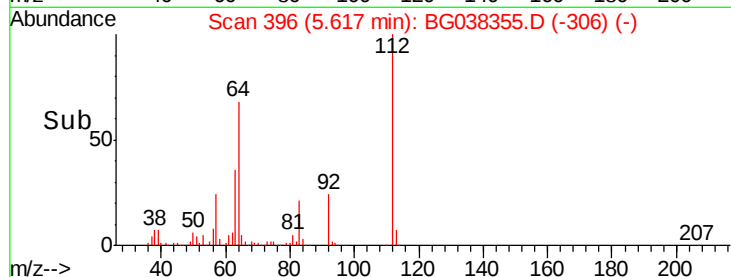
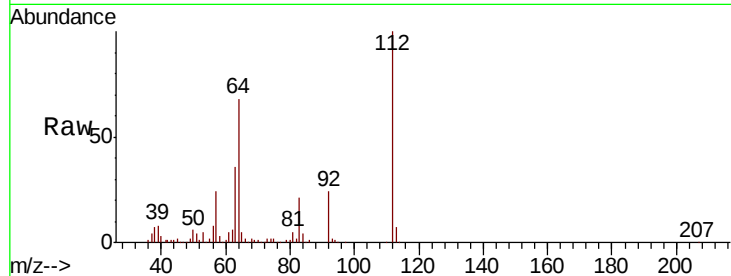
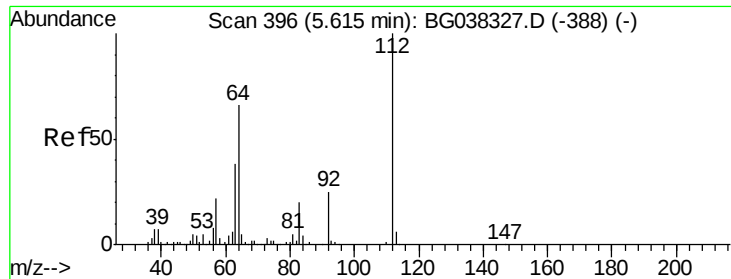
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#4
 n-Nitrosodimethylamine
 Concen: 54.613 ng
 RT: 3.83 min Scan# 92
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.6	102.0	153.0
44	10.5	9.6	14.4





#5

2-Fluorophenol

Concen: 115.676 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tot Ion:	112	Resp:	184361
Ion Ratio	Lower	Upper	
112	100		
64	67.6	53.1	79.7
63	36.2	27.3	40.9

Instrument :

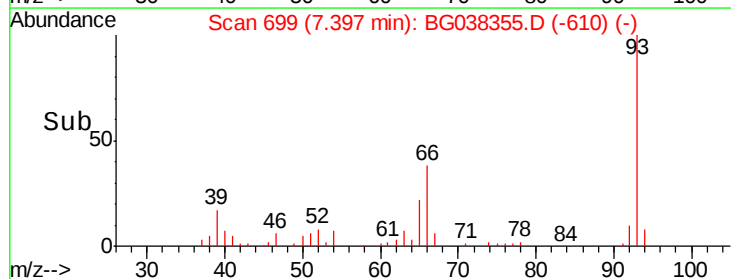
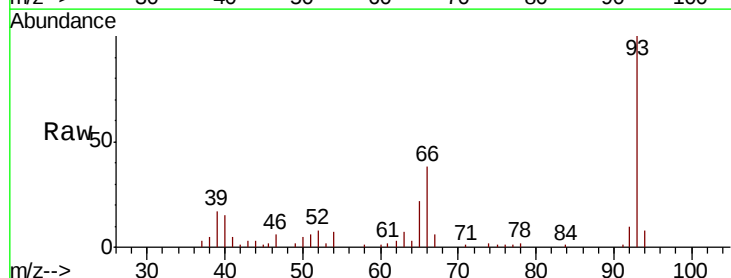
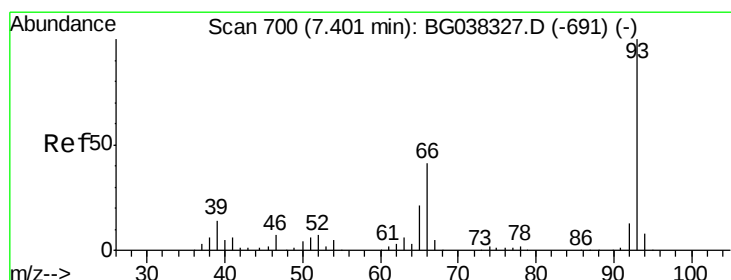
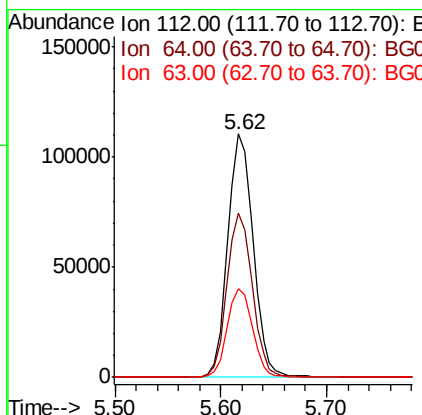
BNA_G

ClientSampleId :

JC-02-113018-AMSD

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#6

Aniline

Concen: 19.214 ng

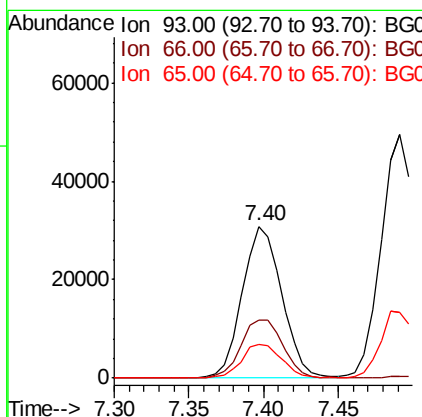
RT: 7.40 min Scan# 699

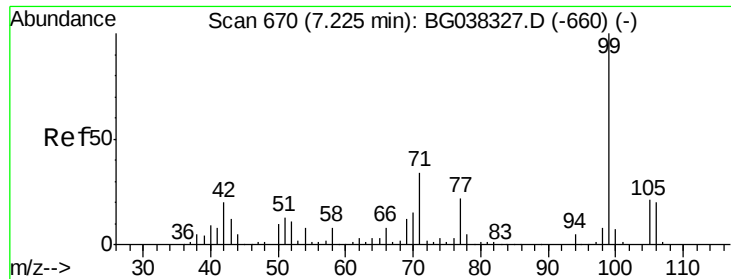
Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:	93	Resp:	56531
Ion Ratio	Lower	Upper	
93	100		
66	37.9	32.8	49.2
65	22.0	16.4	24.6





#7

Phenol-d6

Concen: 103.930 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

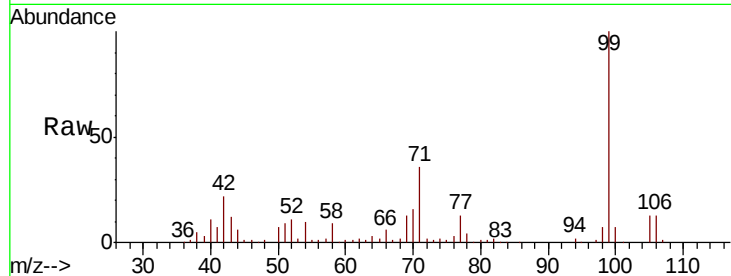
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JC-02-113018-AMSD

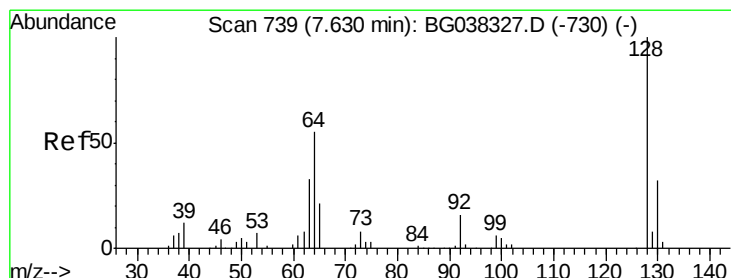
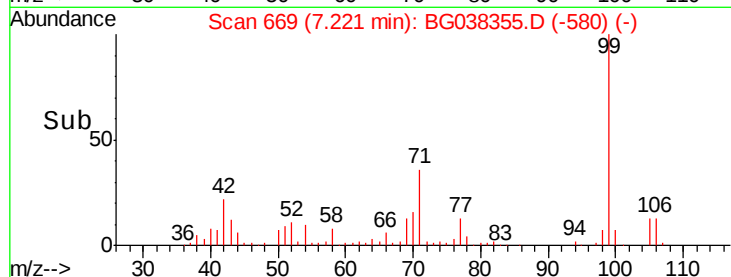
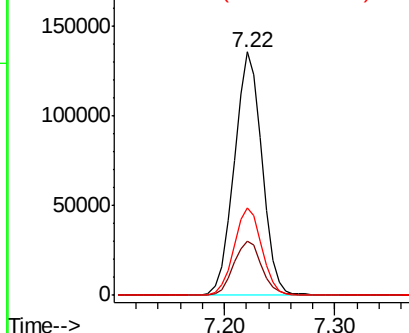
Tot Ion:	99	Resp:	239406
Ion Ratio	Lower	Upper	
99	100		
42	22.3	15.0	22.4
71	35.9	25.5	38.3

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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: 45.666 ng

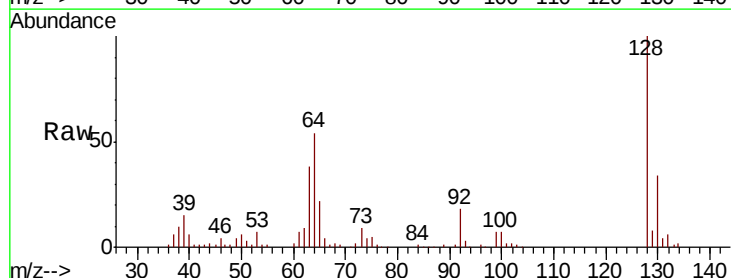
RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

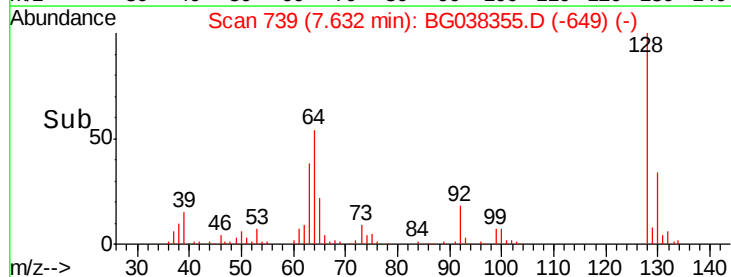
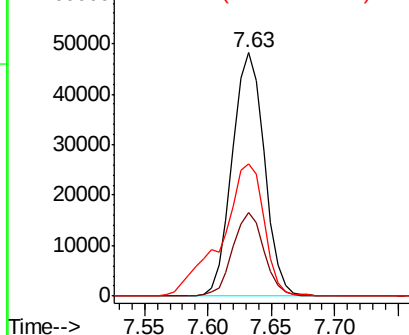
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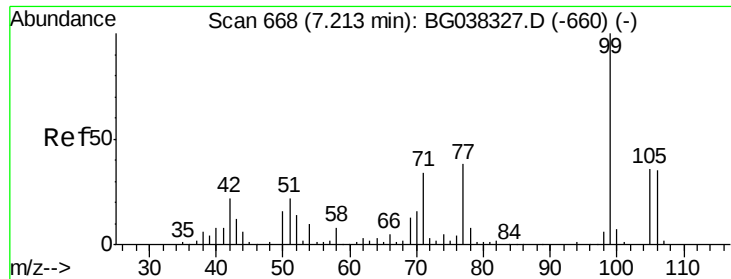
Acq: 5 Dec 2018 11:42

Tgt Ion:	128	Resp:	84526
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.0	52.0
64	54.3	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: 29.502 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

Tot Ion: 77 Resp: 43034

Ion Ratio Lower Upper

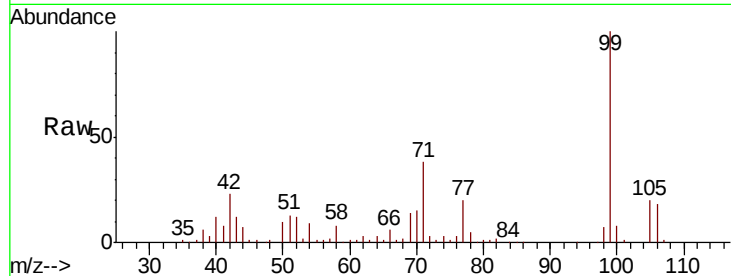
77 100

105 100.2 72.6 112.6

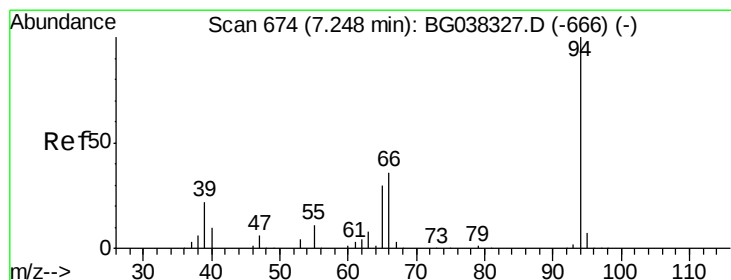
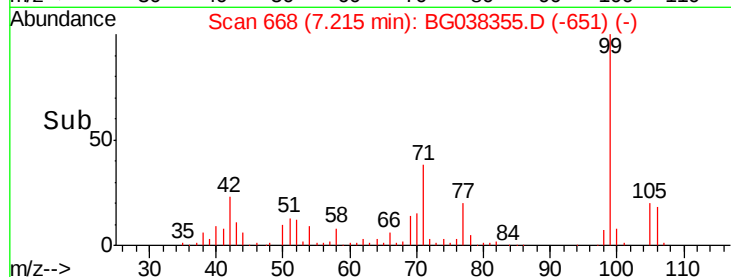
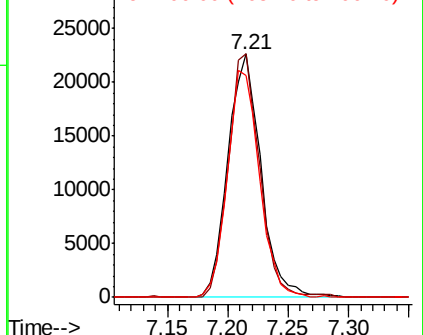
106 91.1 71.3 111.3

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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: 39.494 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

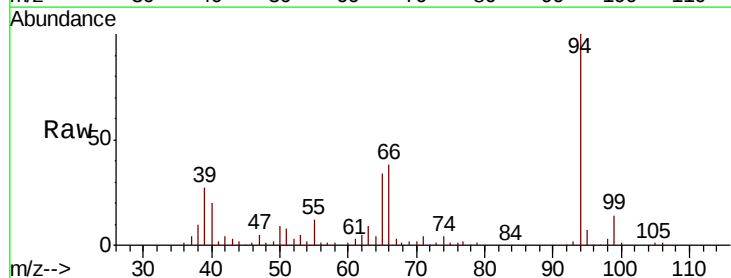
Tgt Ion: 94 Resp: 96122

Ion Ratio Lower Upper

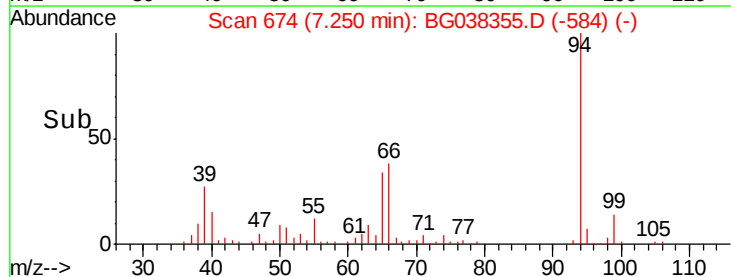
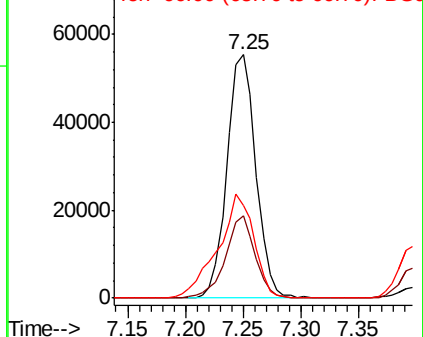
94 100

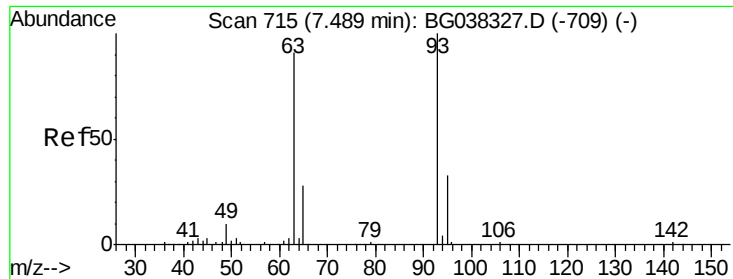
65 33.8 9.7 49.7

66 38.1 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





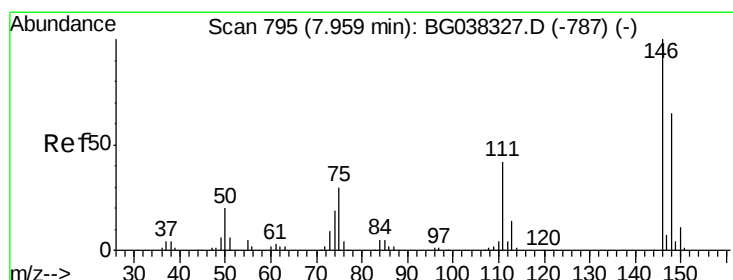
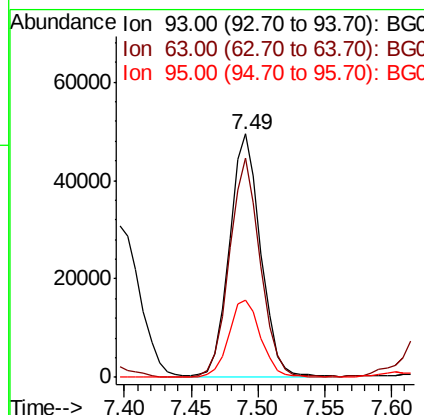
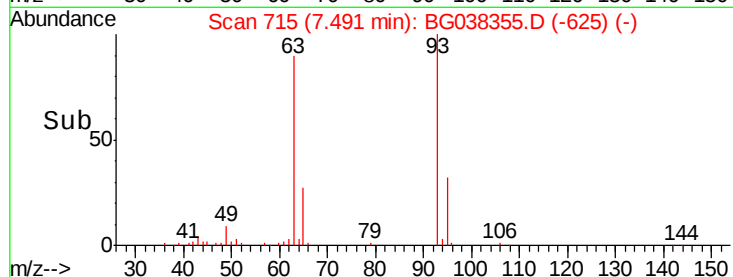
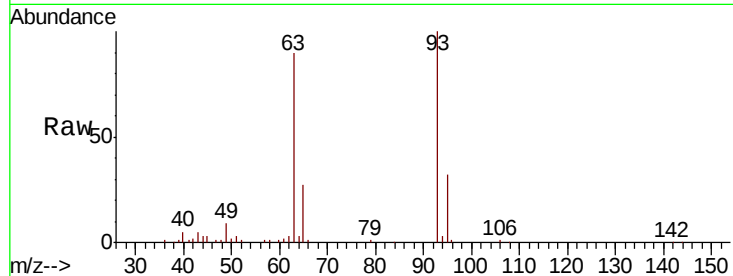
#11
bis(2-Chloroethyl)ether
Concen: 40.857 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.8	69.5	109.5
95	31.8	12.6	52.6

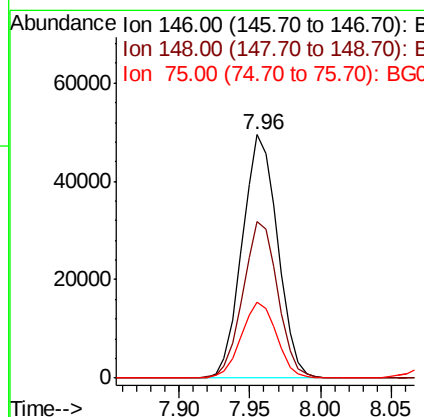
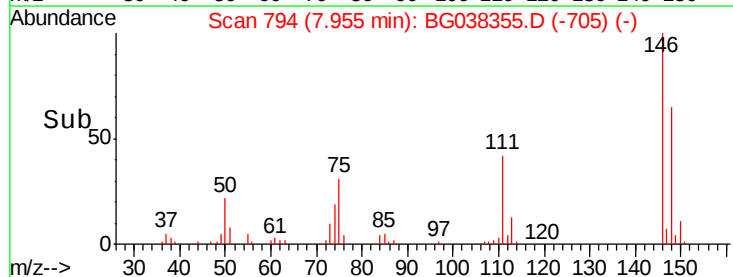
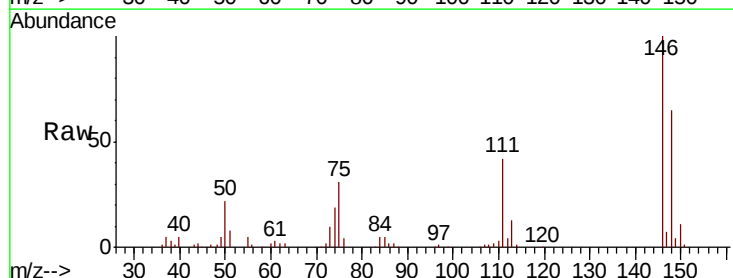
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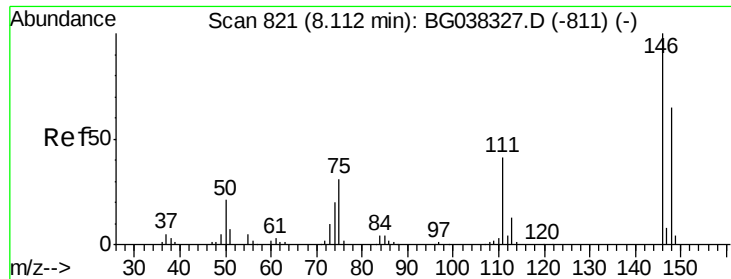
mohammad
12/6/2018 10:33:28 AM



#12
1,3-Dichlorobenzene
Concen: 40.206 ng
RT: 7.96 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.8
75	31.2	23.2	34.8





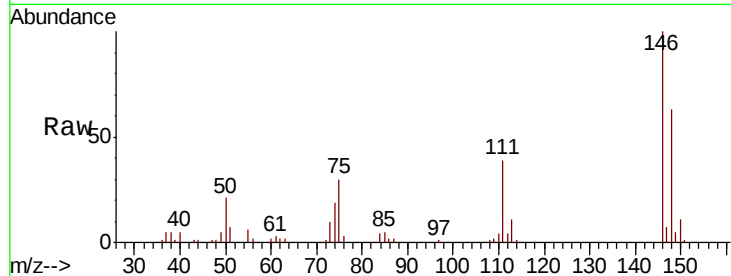
#13
 1,4-Dichlorobenzene
 Concen: 39.558 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.0	76.6
111	38.7	32.4	48.6

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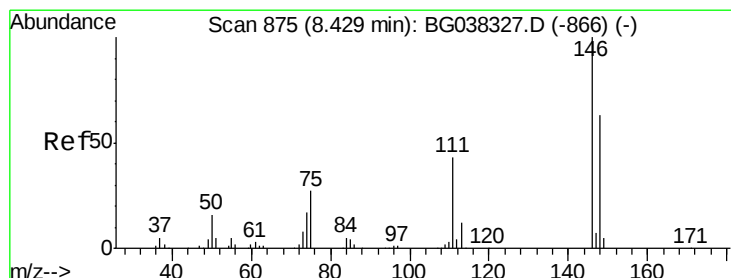
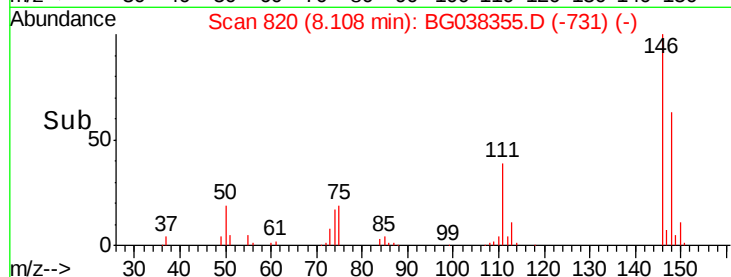
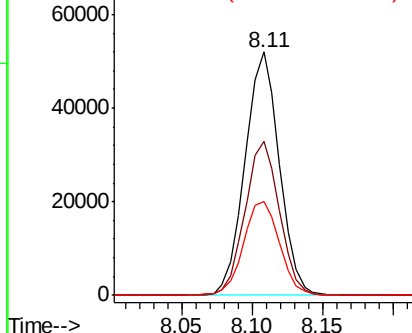


Abundance

Ion 146.00 (145.70 to 146.70): E

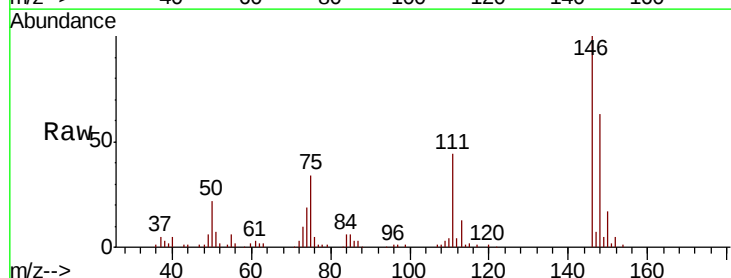
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.724 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.4	75.6
111	43.9	34.6	51.8

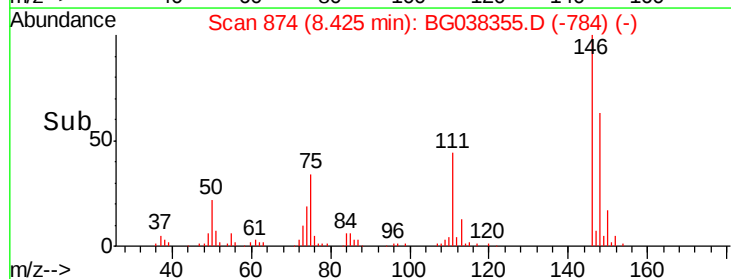
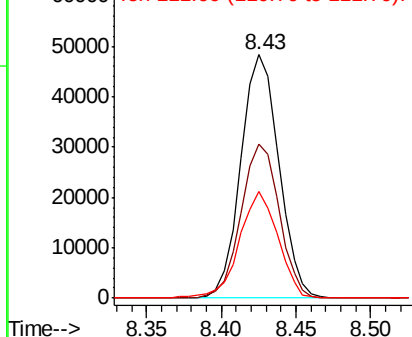


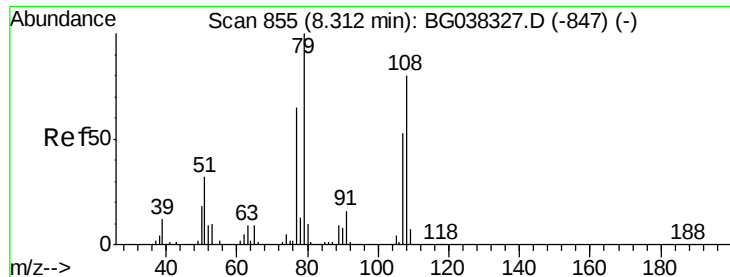
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.850 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

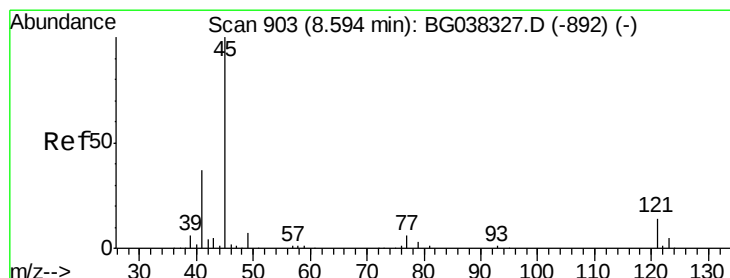
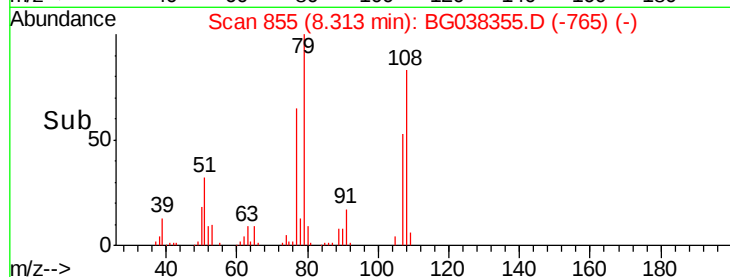
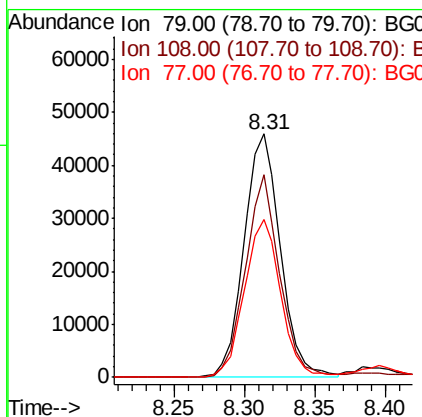
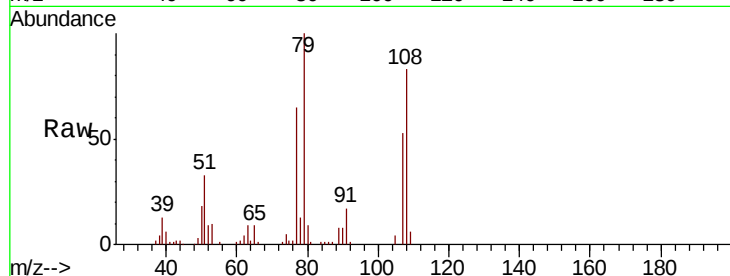
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	79	Resp:	83043
Ion	Ratio	Lower	Upper
79	100		
108	83.1	65.8	98.8
77	64.9	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.618 ng

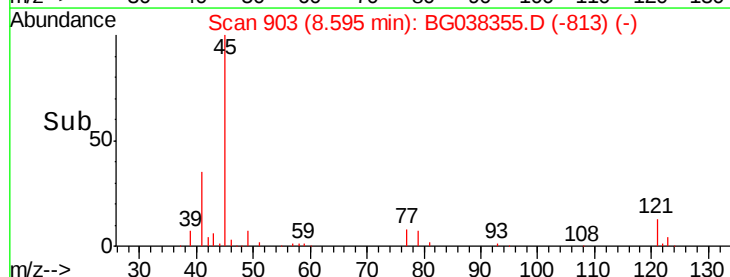
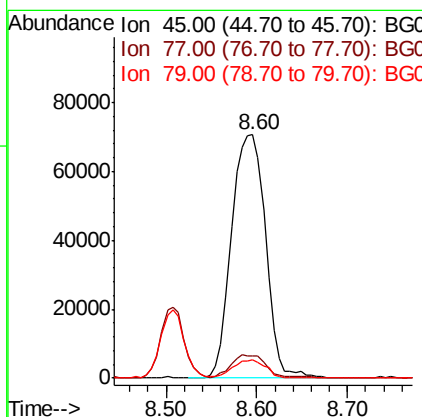
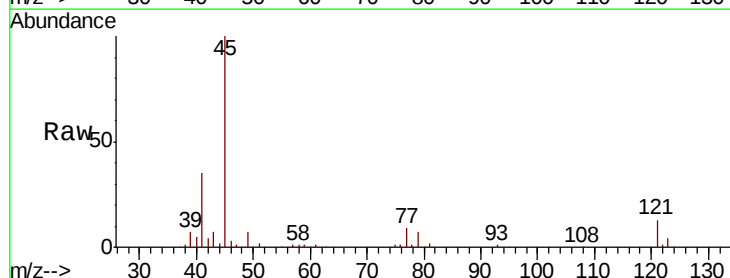
RT: 8.60 min Scan# 903

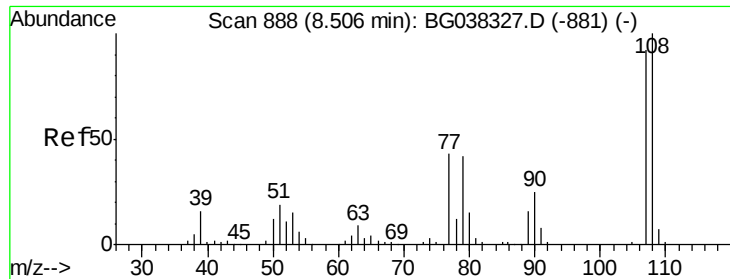
Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:	45	Resp:	184155
Ion	Ratio	Lower	Upper
45	100		
77	9.1	0.0	30.0
79	7.3	0.0	29.0





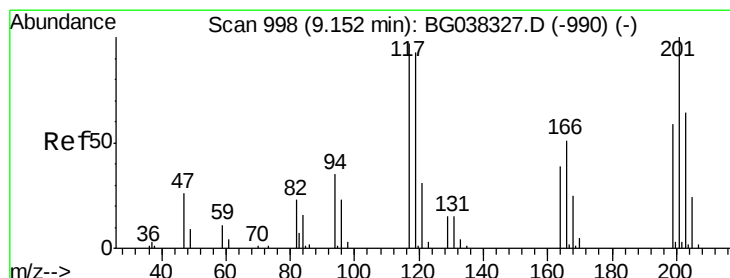
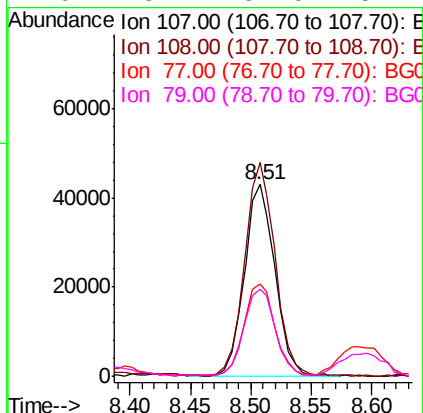
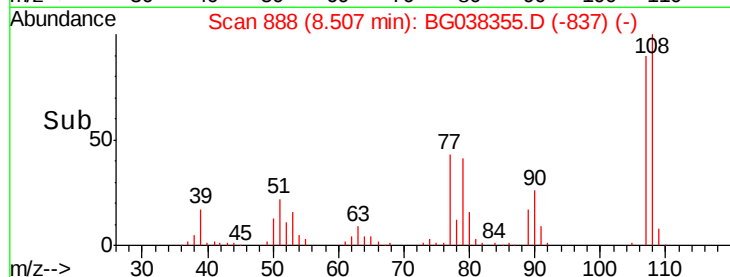
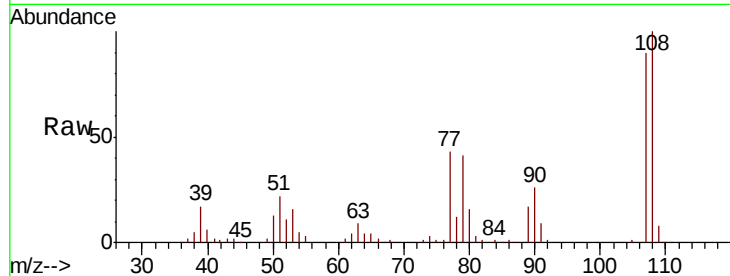
#17
2-Methylphenol
Concen: 45.264 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	87.9	131.9
77	47.8	35.1	52.7
79	45.7	34.5	51.7

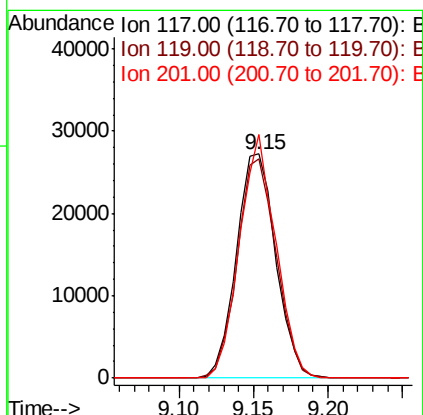
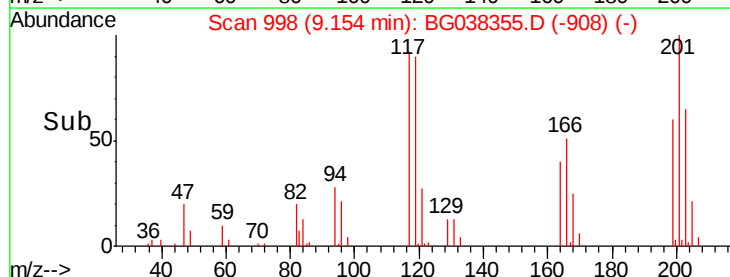
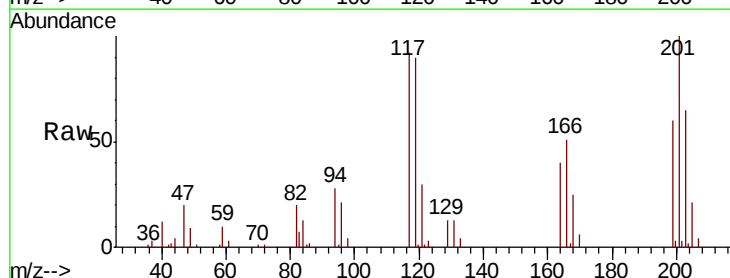
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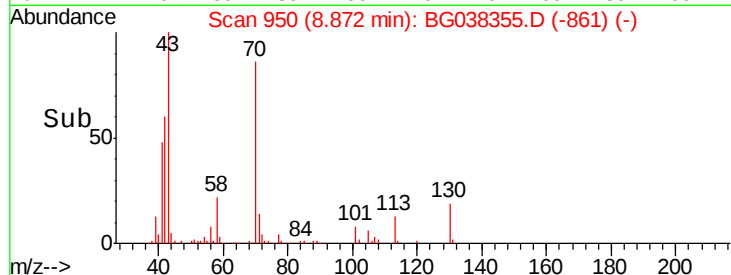
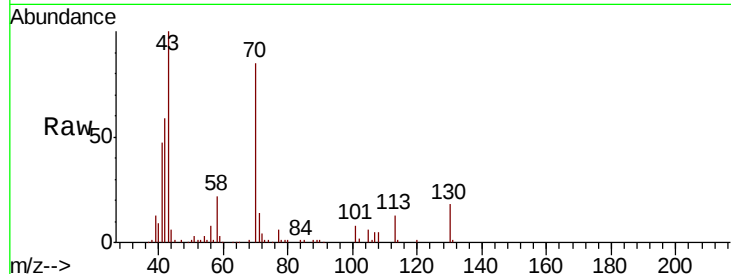
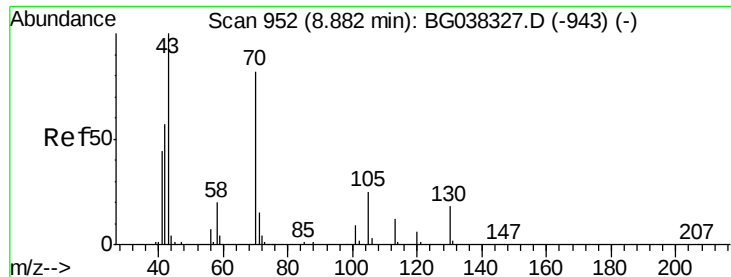
mohammad
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#18
Hexachloroethane
Concen: 61.659 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	74.6	111.8
201	112.3	80.8	121.2





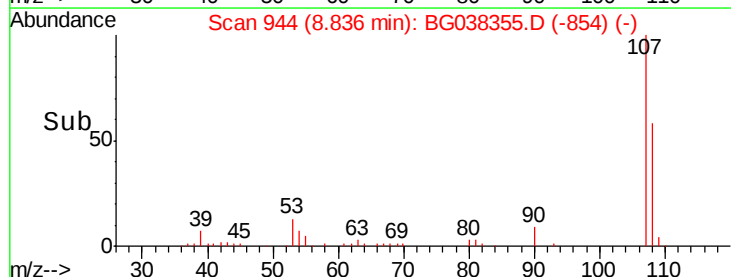
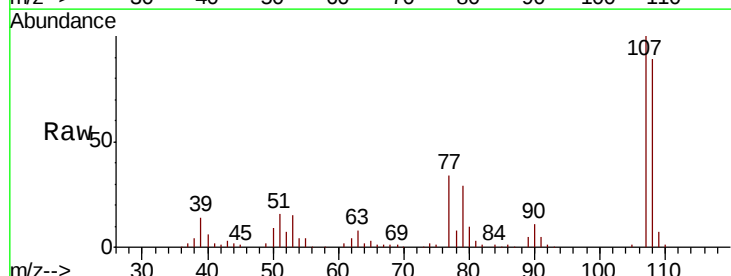
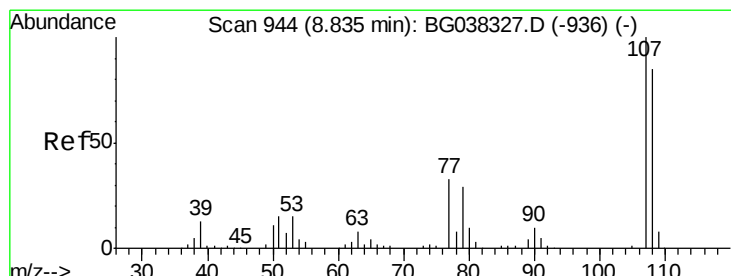
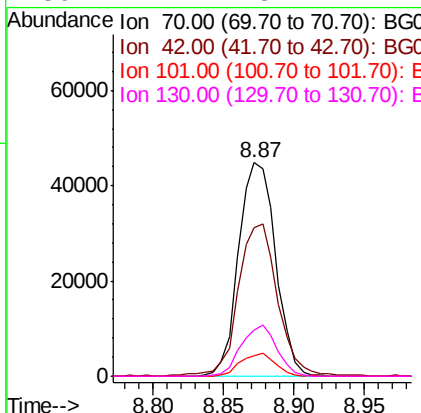
#19
n-Nitroso-di-n-propylamine
Concen: 49.417 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.5	53.9	80.9	
101	9.5	8.2	12.2	
130	21.7	18.2	27.4	

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

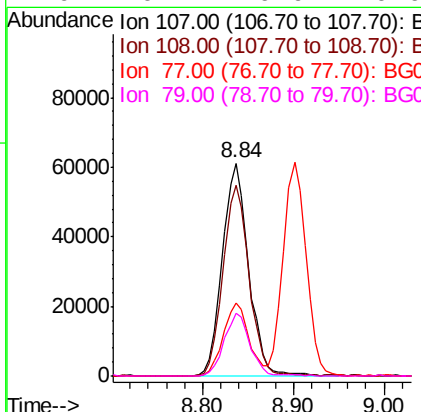
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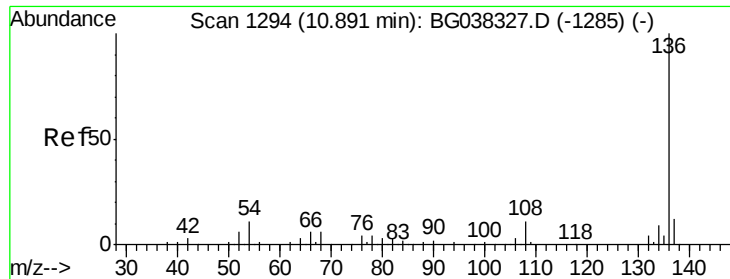
mohammad
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#20
3+4-Methylphenols
Concen: 50.141 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.4	69.9	109.9	
77	34.1	11.2	51.2	
79	29.2	6.6	46.6	





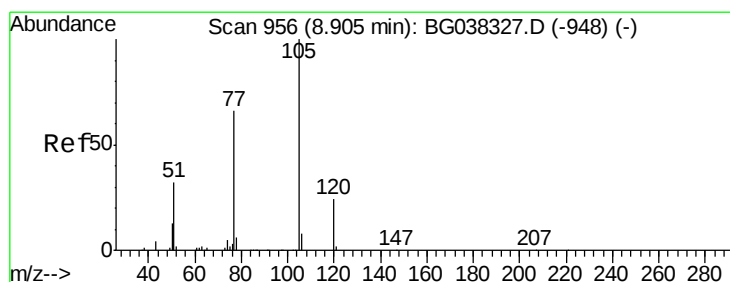
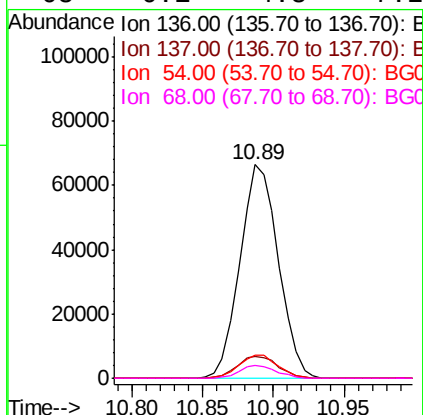
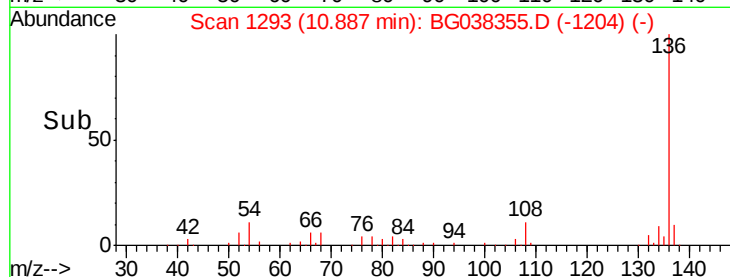
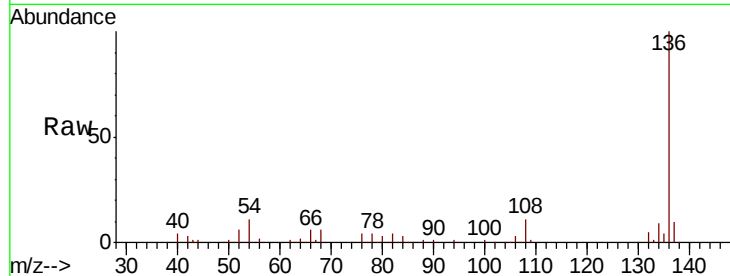
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	126338		
137	10.3		9.6	14.4
54	10.6		7.9	11.9
68	6.1		4.8	7.2

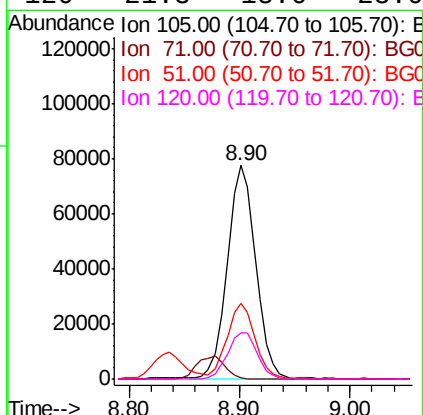
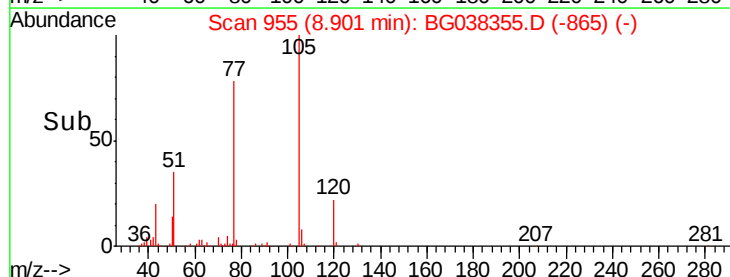
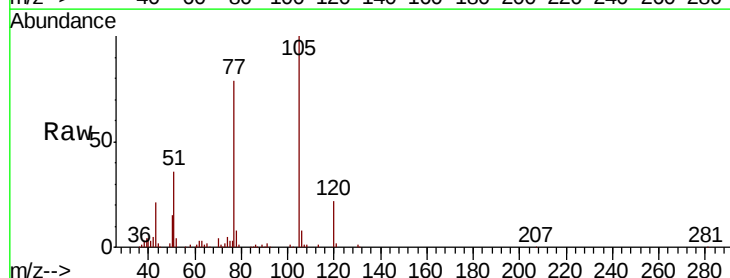
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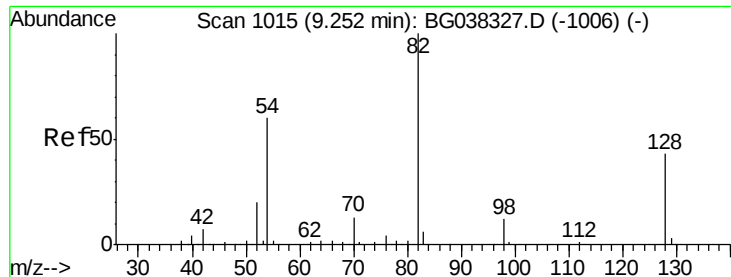
mohammad
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#22
Acetophenone
Concen: 46.288 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	139912		
71	0.8		1.2	1.8#
51	35.7		25.0	37.6
120	21.8		18.6	28.0





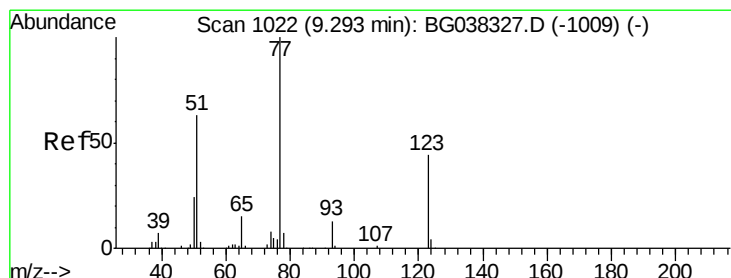
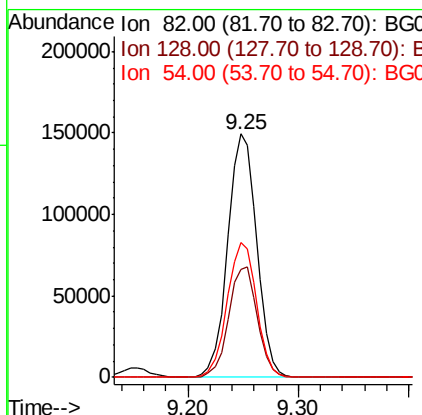
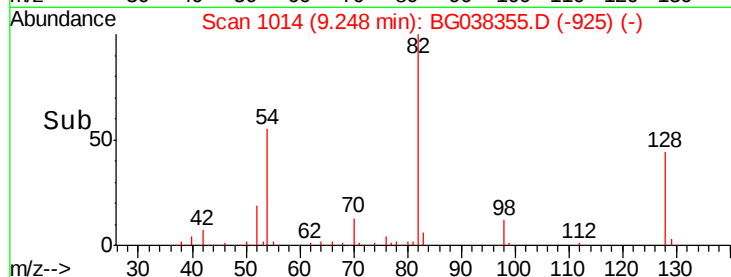
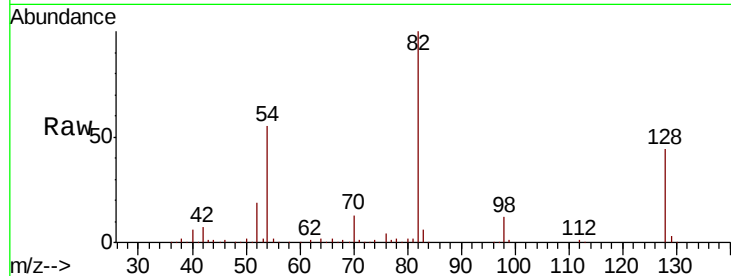
#23
 Nitrobenzene-d5
 Concen: 108.320 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	51.8
54	55.4	45.3	67.9

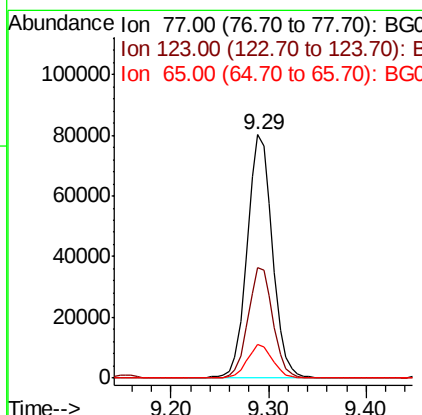
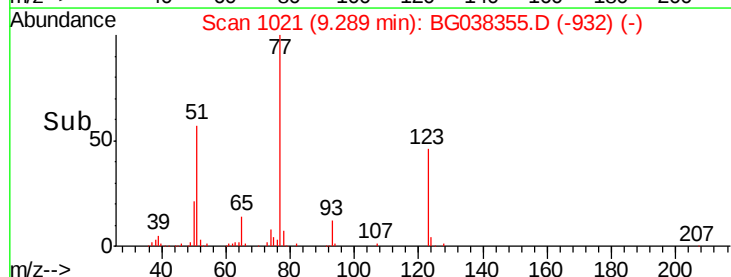
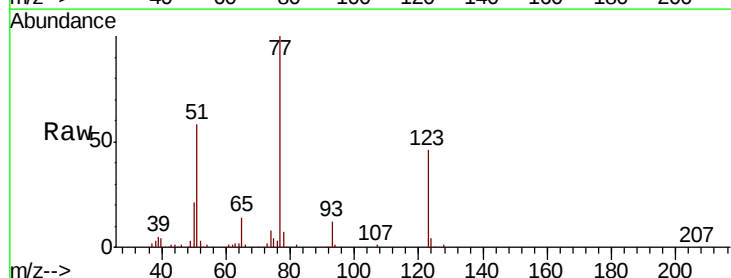
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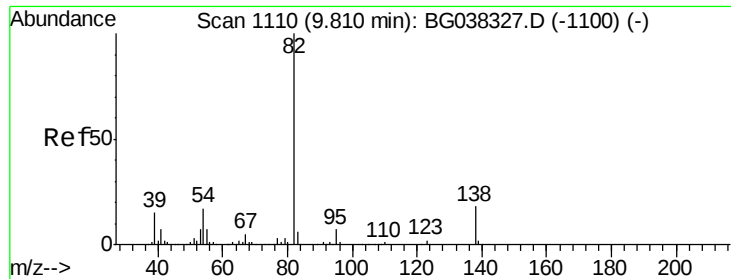
mohammad
 12/6/2018 10:33:28 AM



#24
 Nitrobenzene
 Concen: 56.315 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.6	33.6	50.4
65	13.8	11.3	16.9





#25

Isophorone

Concen: 53.160 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

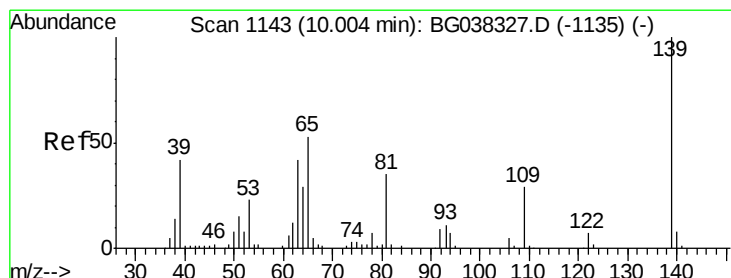
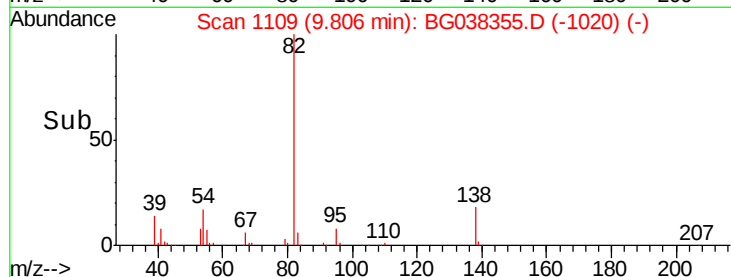
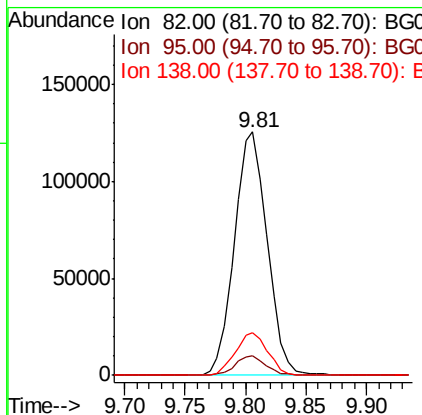
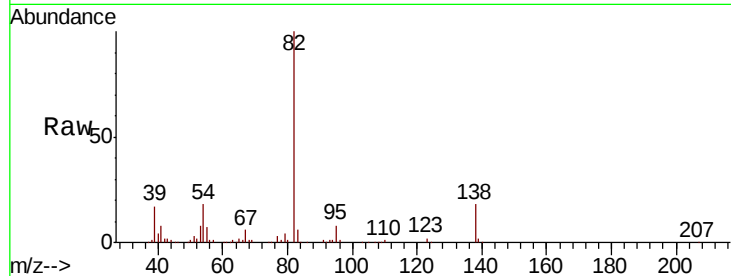
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	82	Resp:	237728
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.3	7.9
138	17.7	13.3	19.9

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#26

2-Nitrophenol

Concen: 48.393 ng

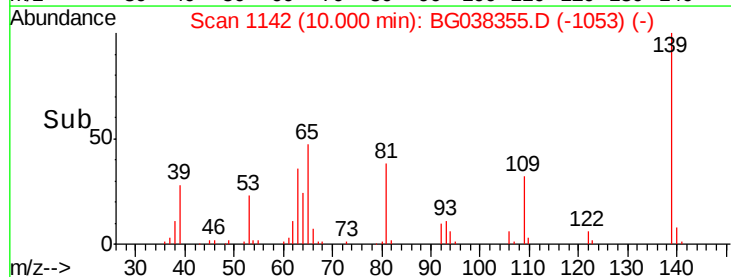
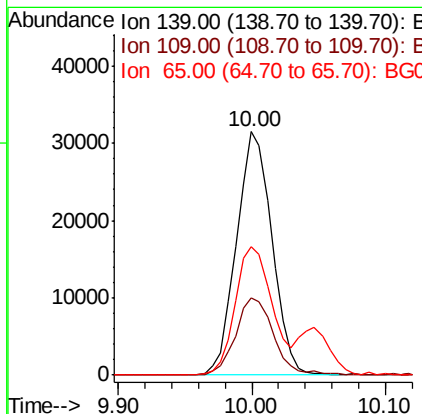
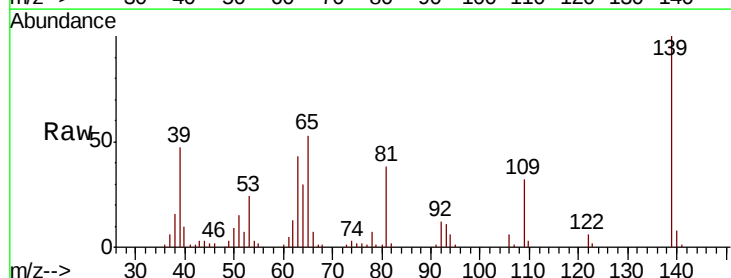
RT: 10.00 min Scan# 1142

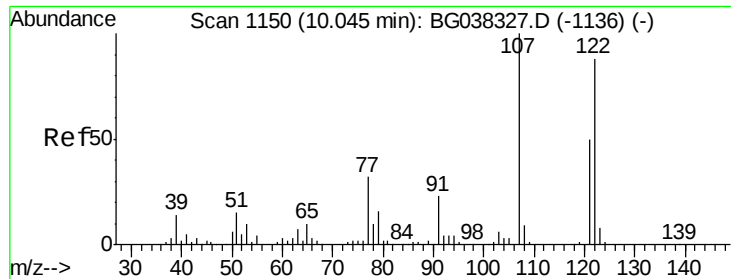
Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:	139	Resp:	57971
Ion Ratio	Lower	Upper	
139	100		
109	31.9	23.3	34.9
65	53.0	39.8	59.8





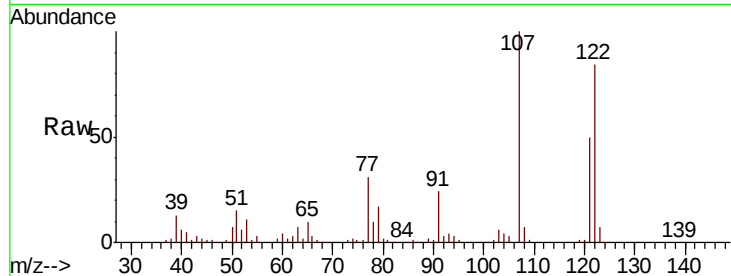
#27
2,4-Dimethylphenol
Concen: 56.629 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	94.2	141.2
121	59.9	47.3	70.9

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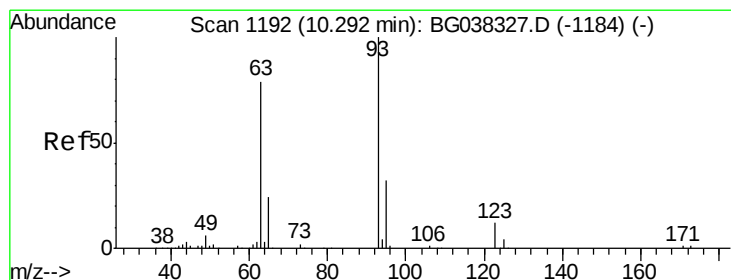
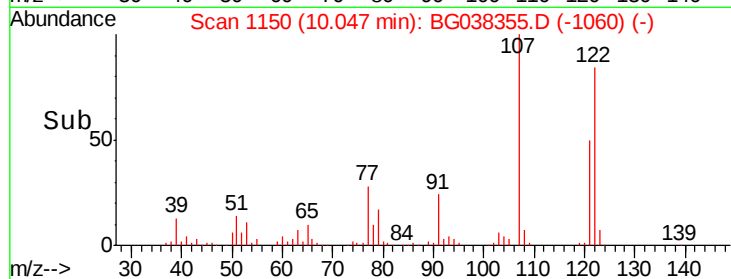
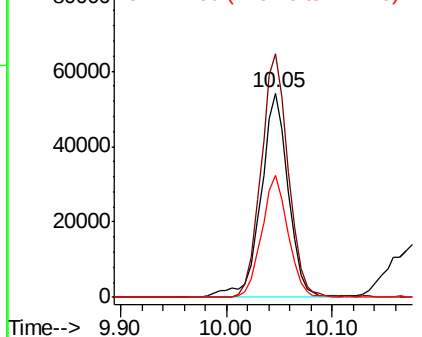


Abundance

Ion 122.00 (121.70 to 122.70): E

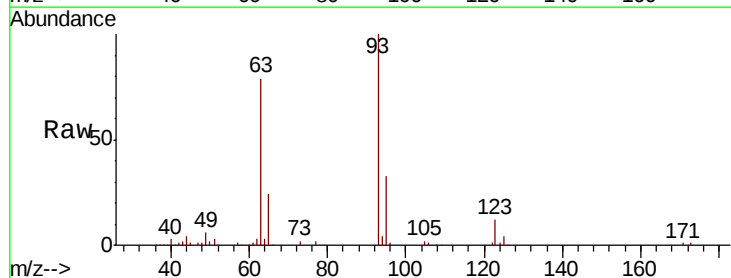
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 54.904 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.6	37.0
123	12.2	9.1	13.7

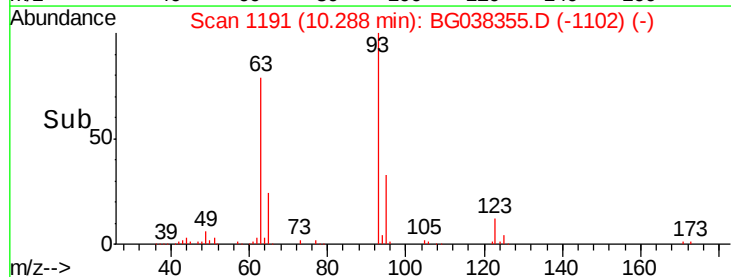
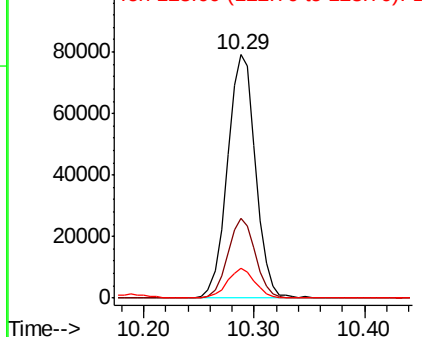


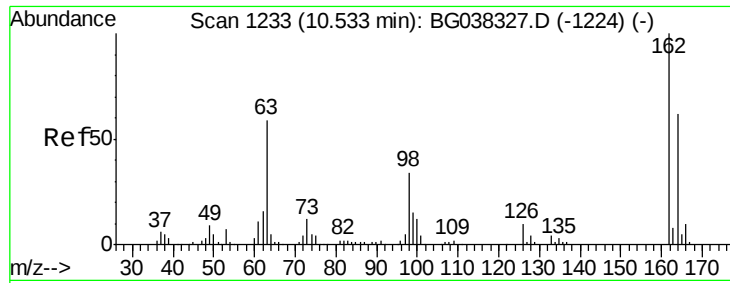
Abundance

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





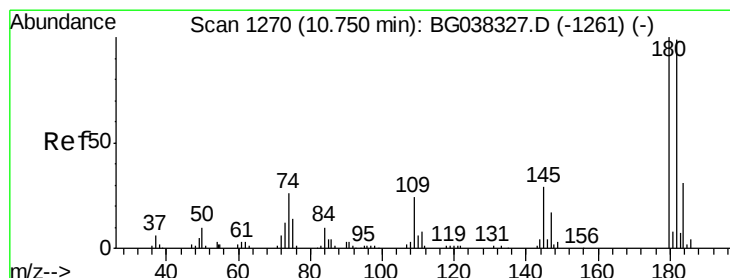
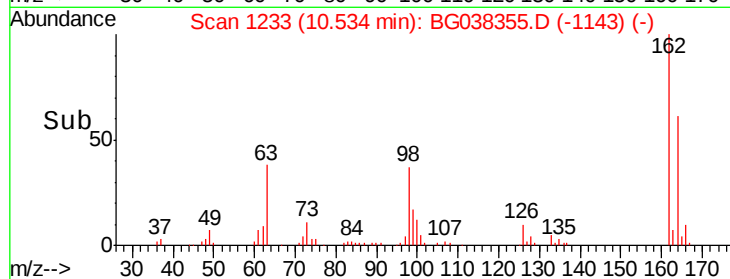
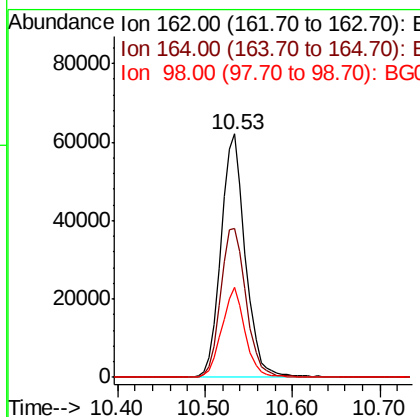
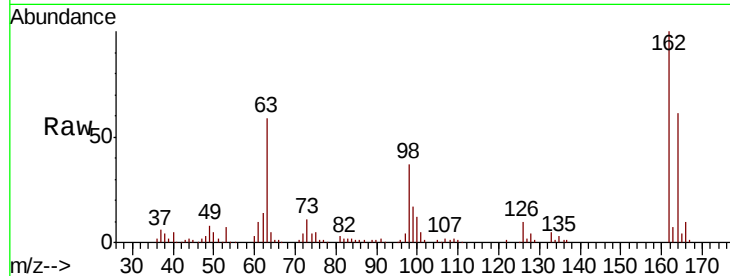
#29
 2,4-Dichlorophenol
 Concen: 60.410 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	118651		
164	61.4	43.2	83.2	
98	36.8	16.0	56.0	

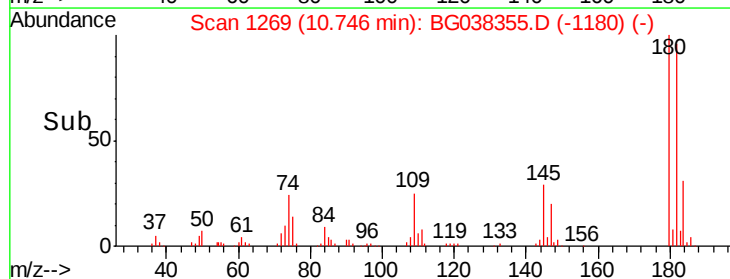
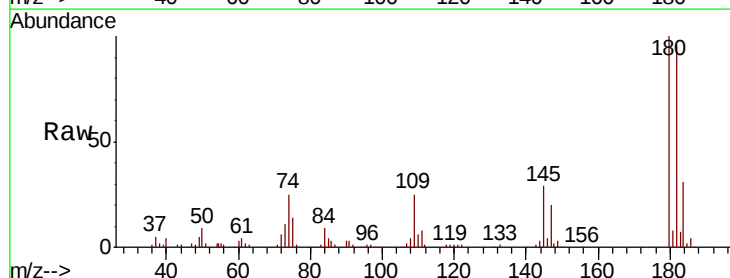
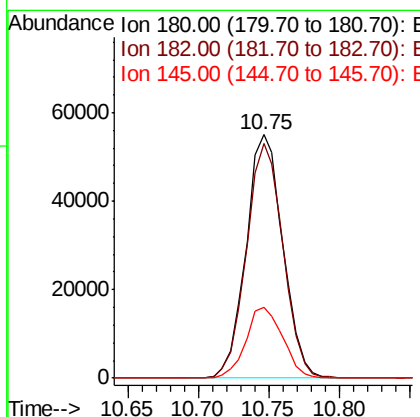
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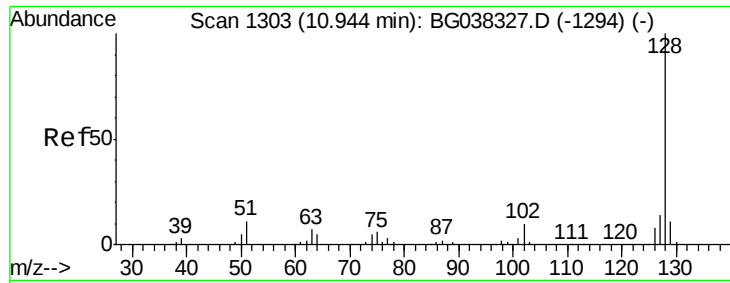
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.569 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	100453		
182	96.3	77.7	116.5	
145	28.9	23.3	34.9	





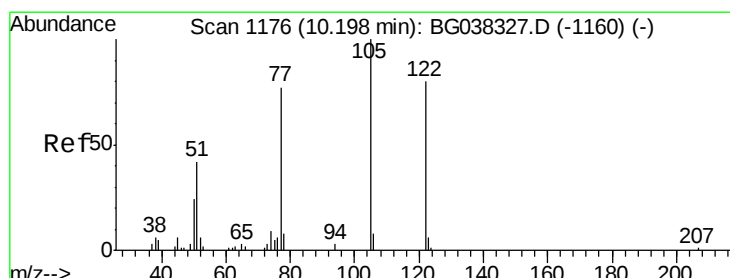
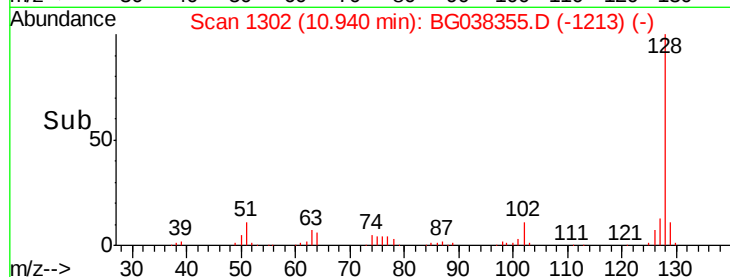
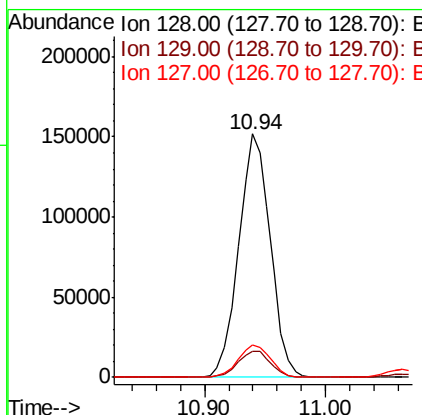
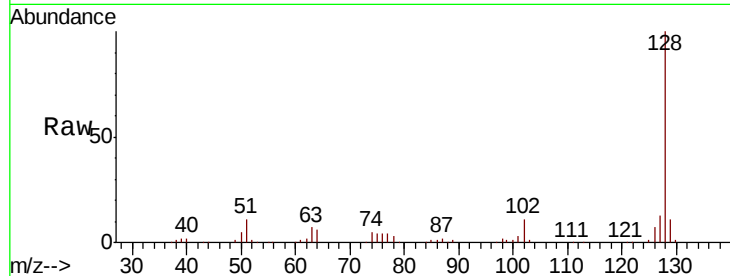
#31
Naphthalene
Concen: 45.703 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	13.2	11.1	16.7

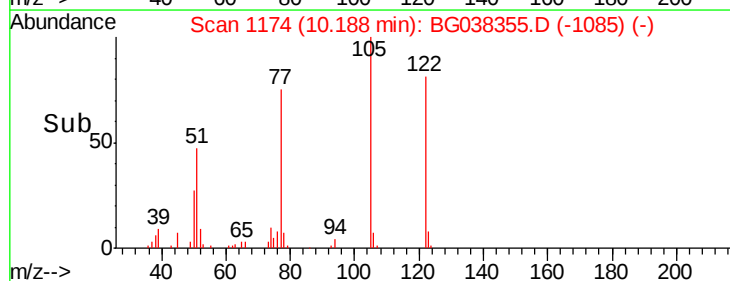
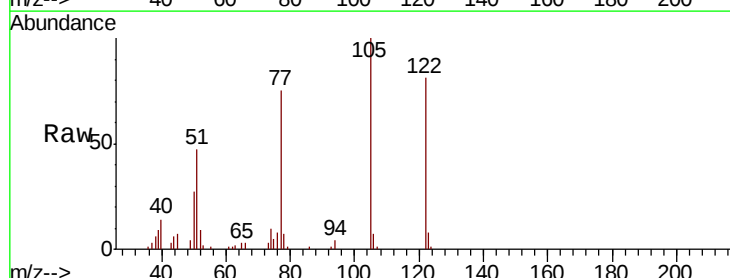
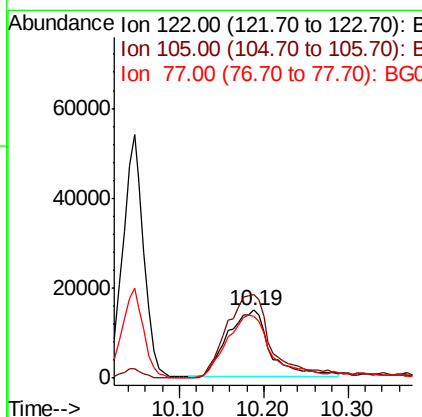
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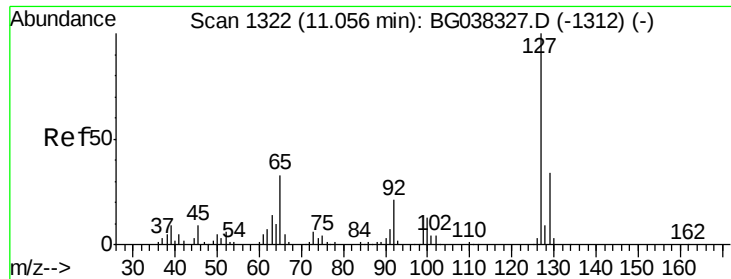
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#32
Benzoic acid
Concen: 43.366 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	106.7	146.7
77	92.1	72.2	112.2





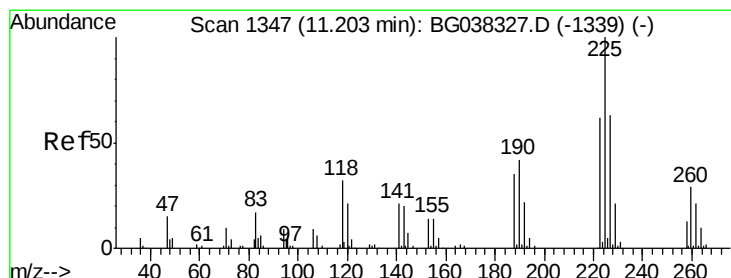
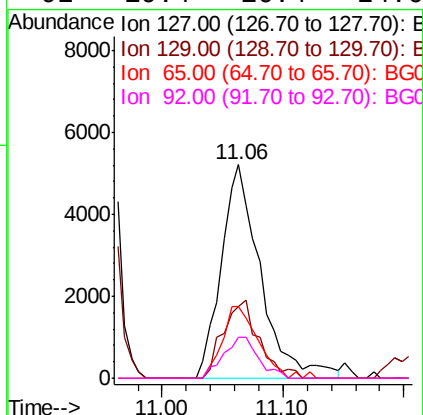
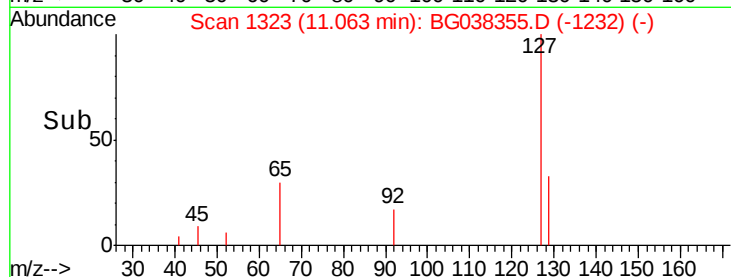
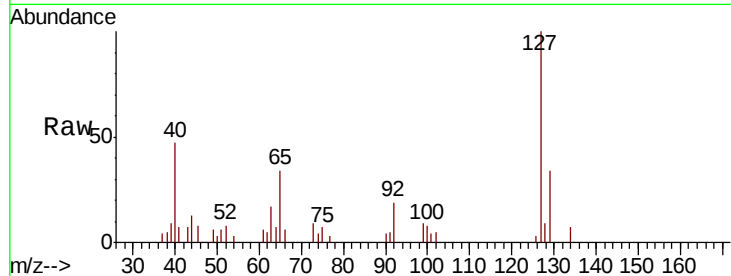
#33
4-Chloroaniline
Concen: 4.390 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	27.1	40.7		
65	33.7	26.6	39.8		
92	19.4	16.4	24.6		

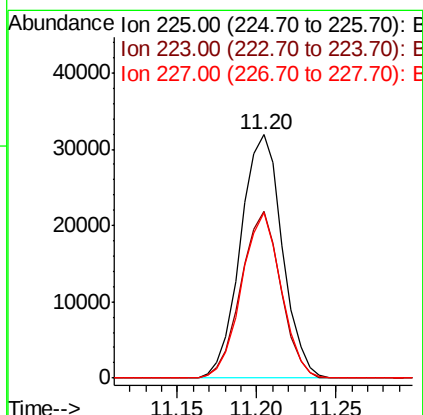
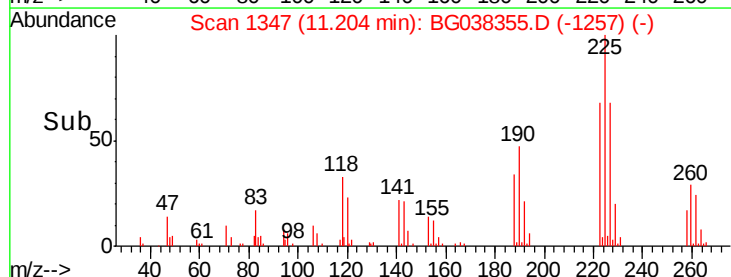
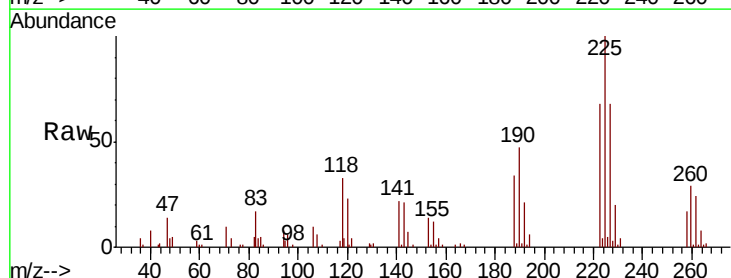
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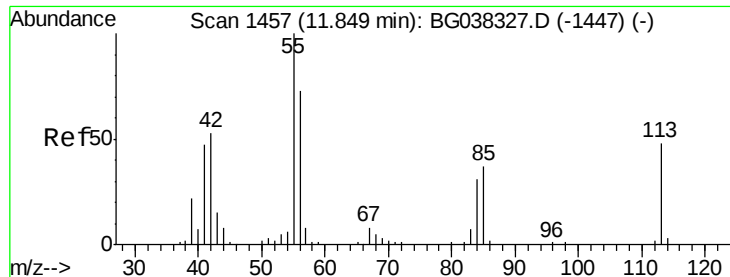
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#34
Hexachlorobutadiene
Concen: 40.524 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.2	48.2	72.4		
227	68.1	51.6	77.4		





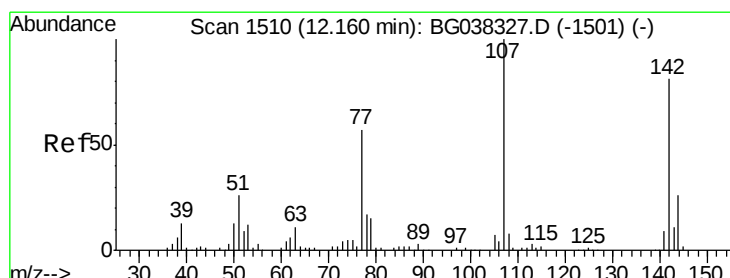
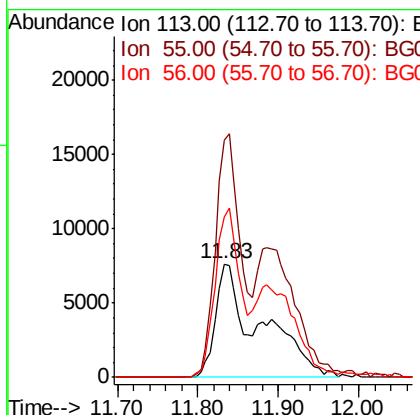
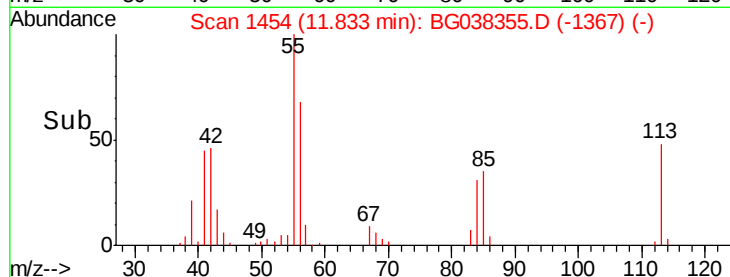
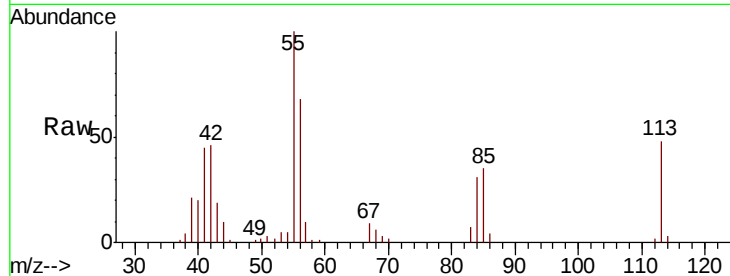
#35
Caprolactam
Concen: 36.207 ng/ml
RT: 11.83 min Scan# 1454
Delta R.T. -0.02 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.5	176.6	216.6
56	141.4	128.3	168.3

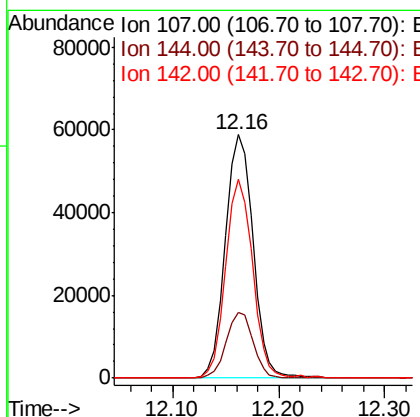
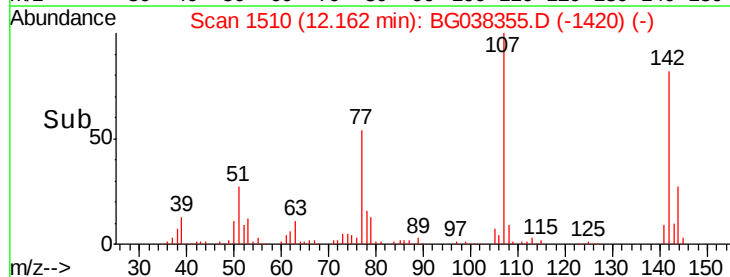
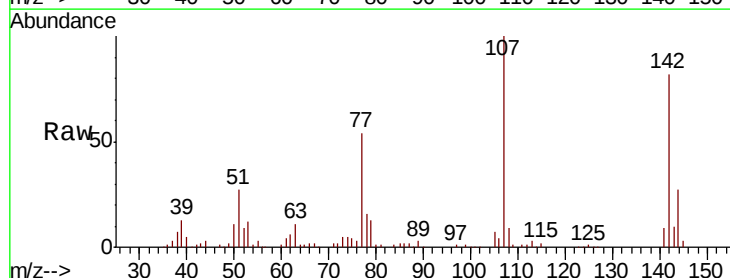
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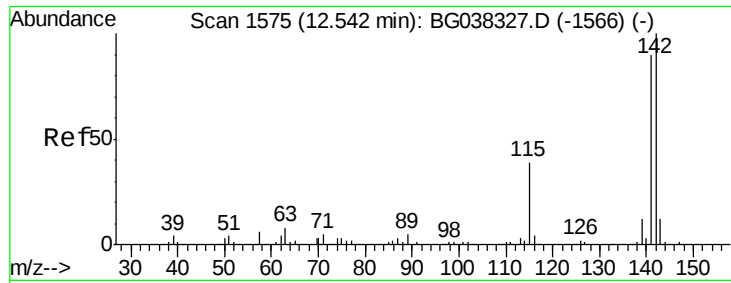
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 49.291 ng/ml
RT: 12.16 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.7	31.1
142	81.7	64.4	96.6





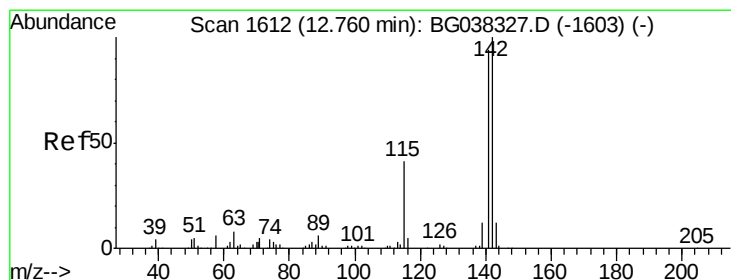
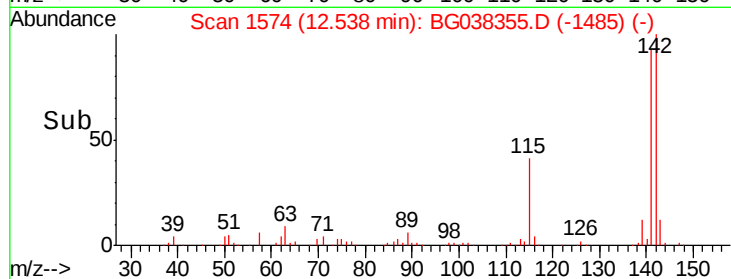
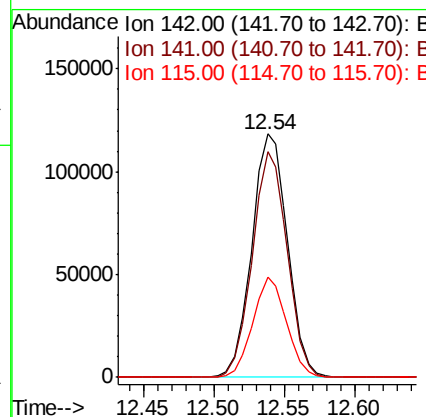
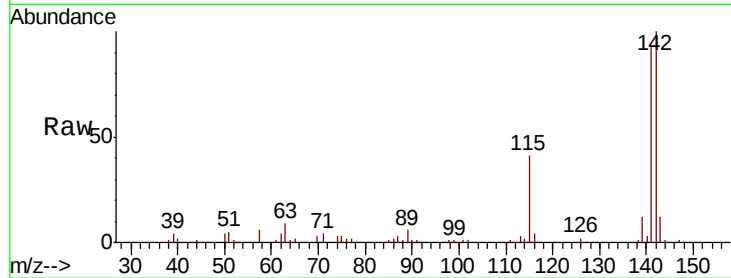
#37
2-Methylnaphthalene
Concen: 48.723 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.9	107.9
115	41.0	27.8	41.8

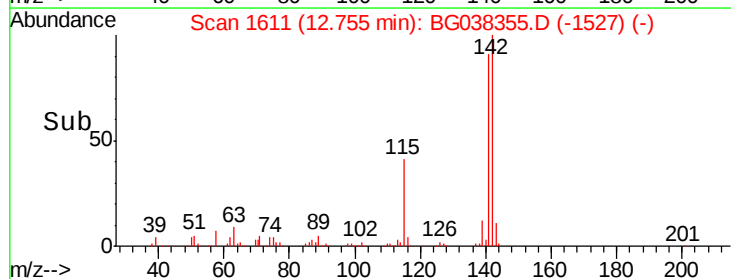
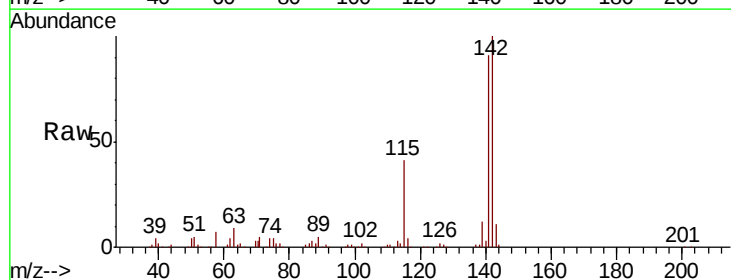
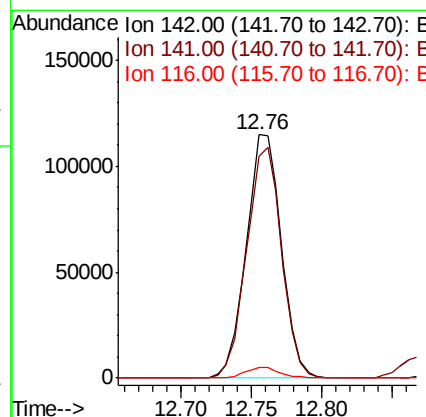
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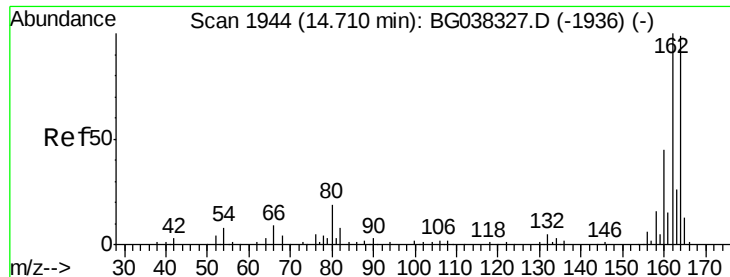
mohammad
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#38
1-Methylnaphthalene
Concen: 48.670 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.2	112.8
116	4.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

JC-02-113018-AMSD

Tot Ion:164 Resp: 81079

Ion Ratio Lower Upper

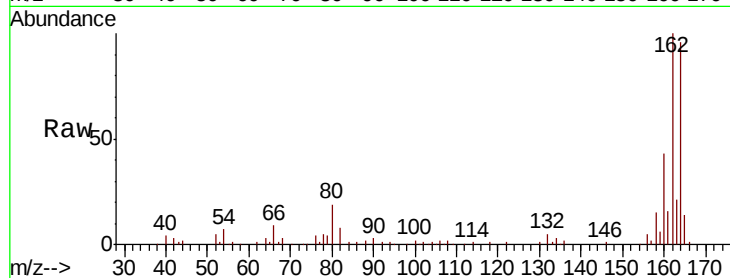
164 100

162 104.2 81.3 121.9

160 44.9 36.3 54.5

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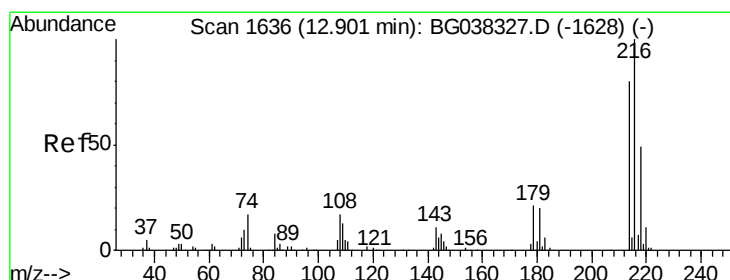
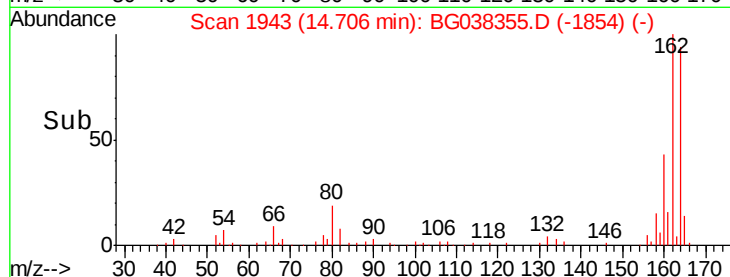
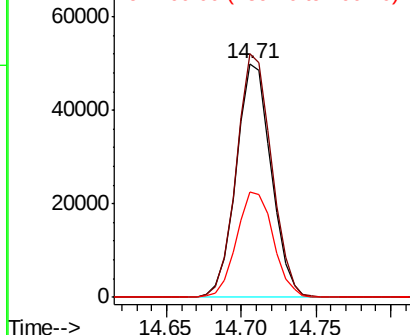


Abundance

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: 41.259 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:216 Resp: 115108

Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 20.4 17.4 26.0

108 19.7 13.9 20.9

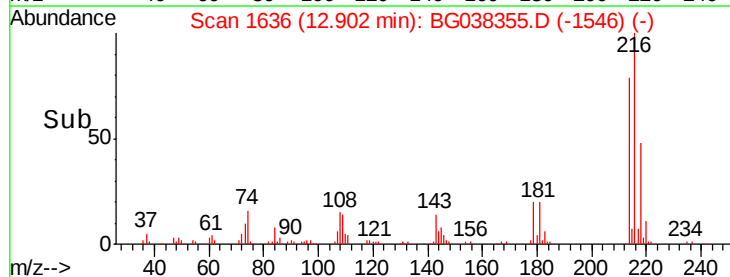
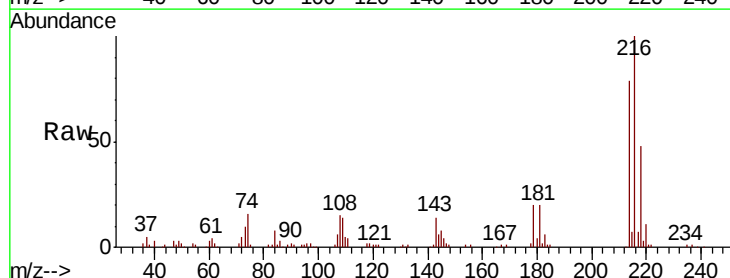
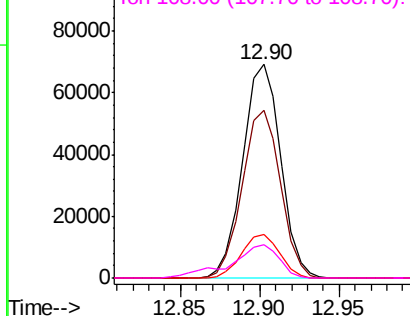
Abundance

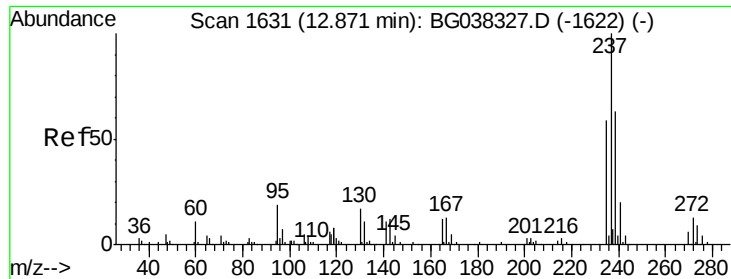
Ion 216.00 (215.70 to 216.70): E

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





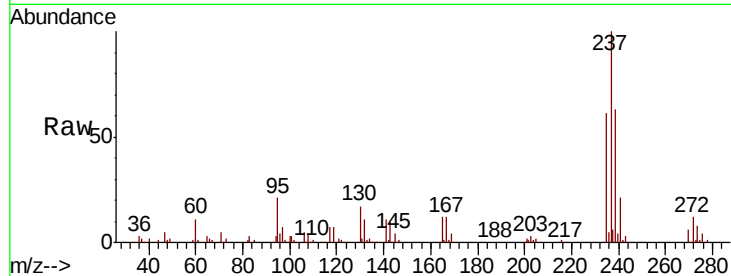
#41
Hexachlorocyclopentadiene
Concen: 94.784 ng
RT: 12.87 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

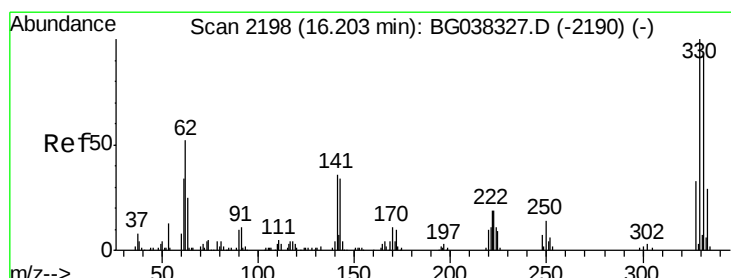
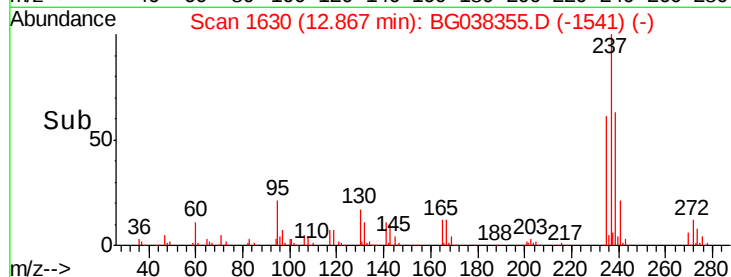
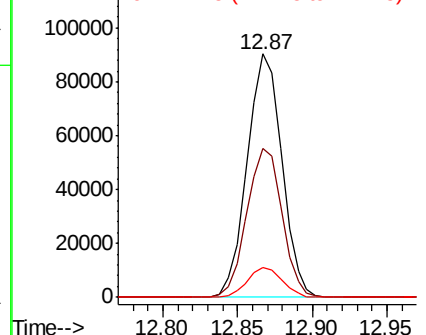
Tot Ion:	237	Resp:	145320
Ion Ratio	Lower	Upper	
237	100		
235	61.1	42.5	82.5
272	12.0	0.0	31.6

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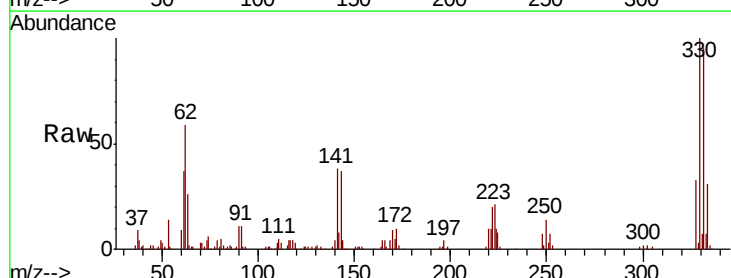


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

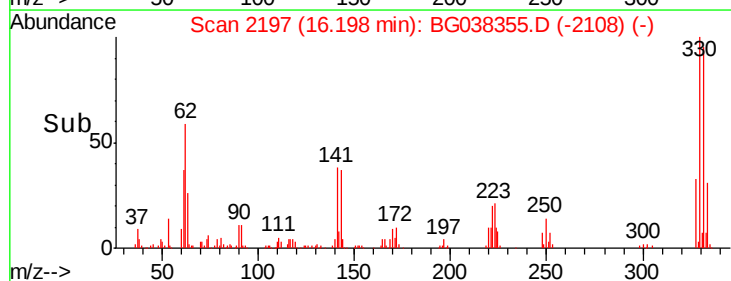
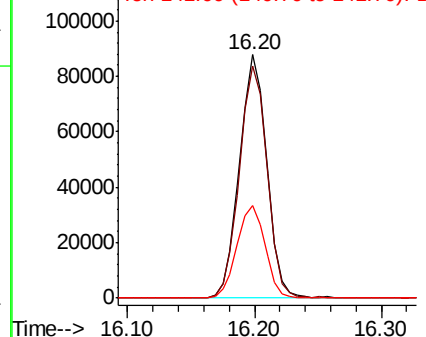


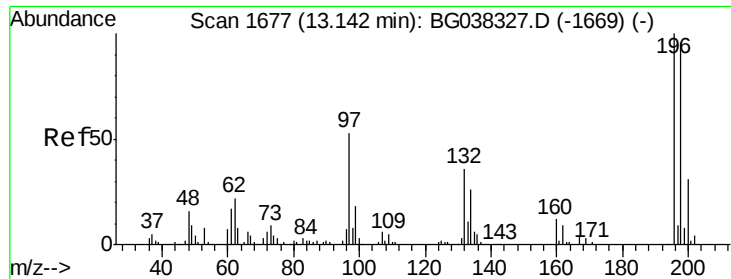
#42
2,4,6-Tribromophenol
Concen: 131.527 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:	330	Resp:	130915
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.4	117.6
141	39.3	32.2	48.2



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





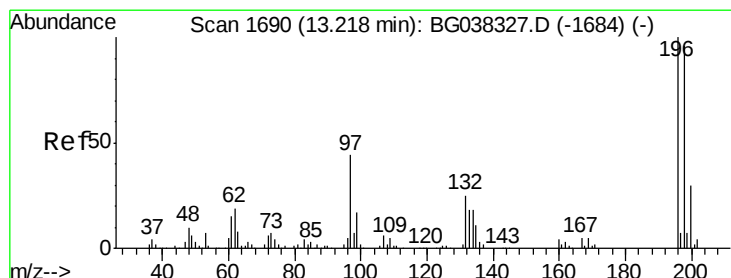
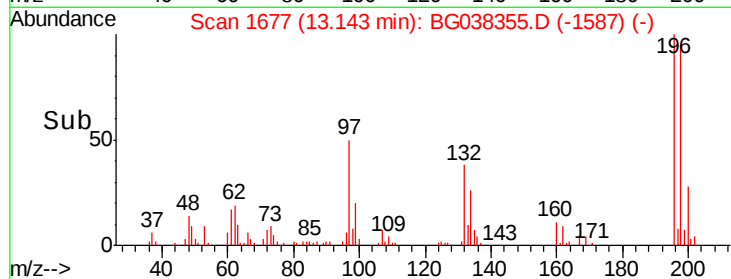
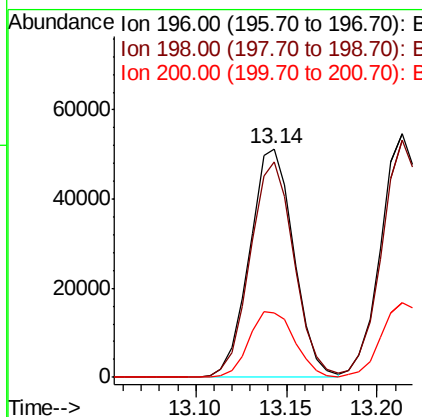
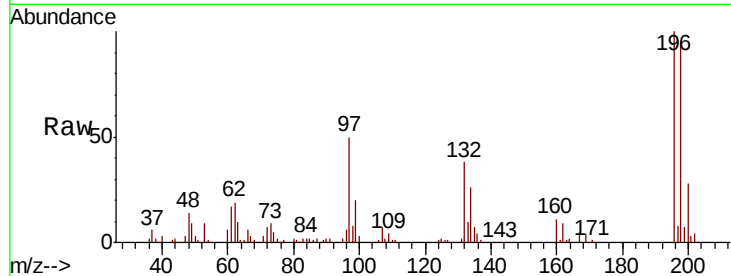
#43
 2,4,6-Trichlorophenol
 Concen: 47.957 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	86671		
198	94.5	76.4	114.6	
200	28.1	24.9	37.3	

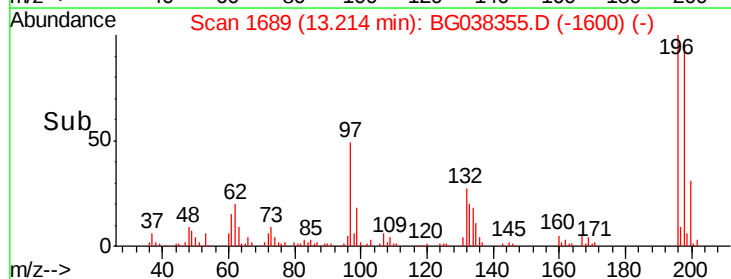
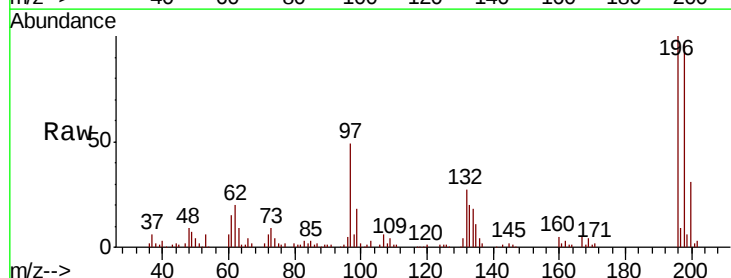
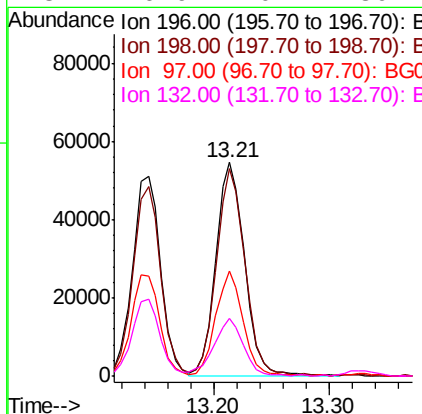
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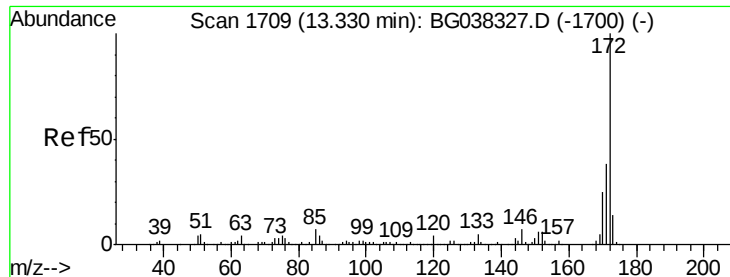
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#44
 2,4,5-Trichlorophenol
 Concen: 49.314 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	94416		
198	97.3	74.2	111.2	
97	49.0	34.1	51.1	
132	26.9	20.2	30.4	





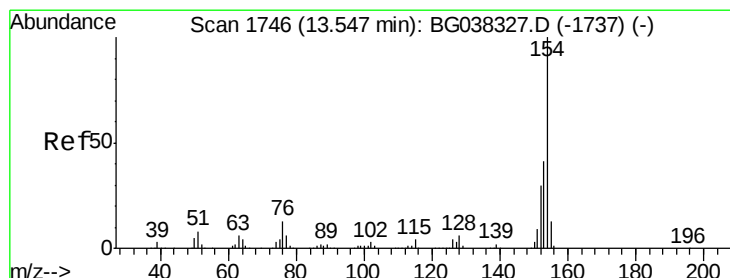
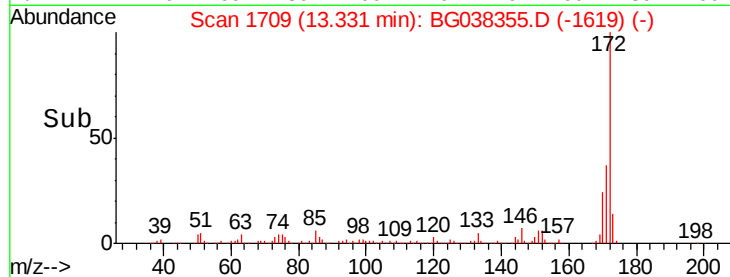
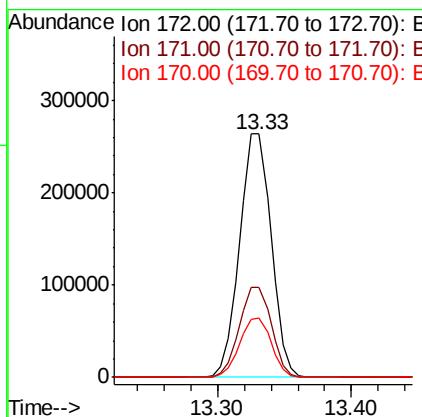
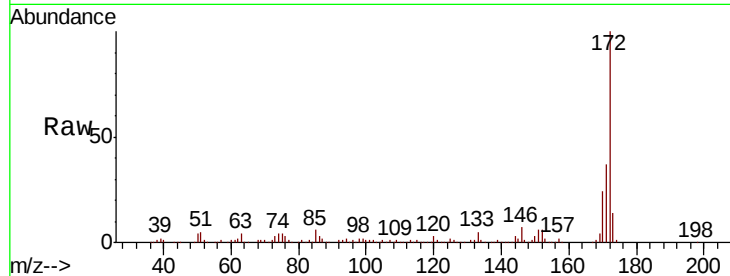
#45
2-Fluorobiphenyl
Concen: 75.912 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.3	20.2	30.2

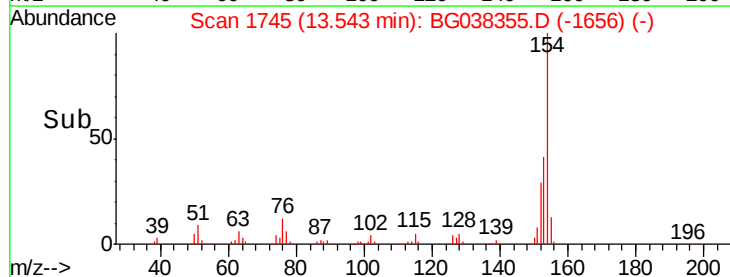
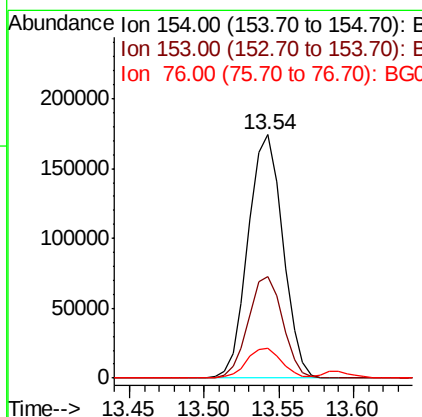
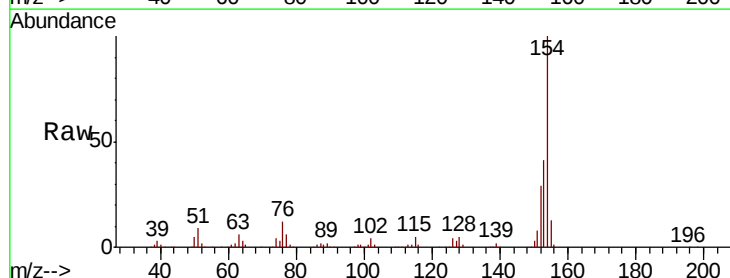
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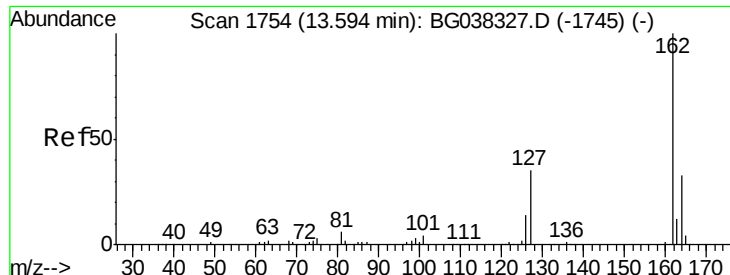
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#46
1,1'-Biphenyl
Concen: 40.874 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	22.1	62.1
76	12.2	0.0	33.2





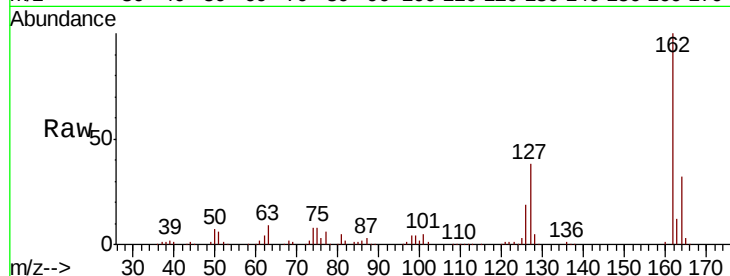
#47
 2-Chloronaphthalene
 Concen: 42.798 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

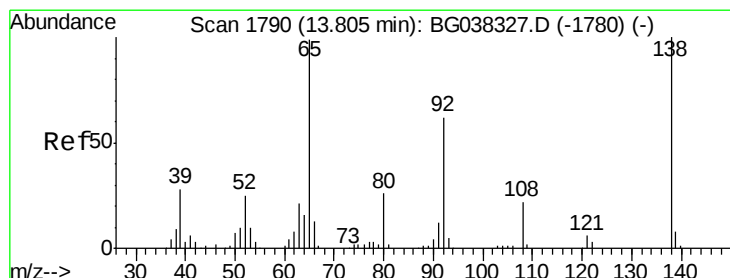
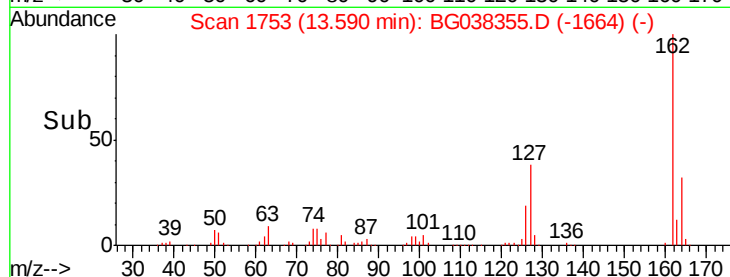
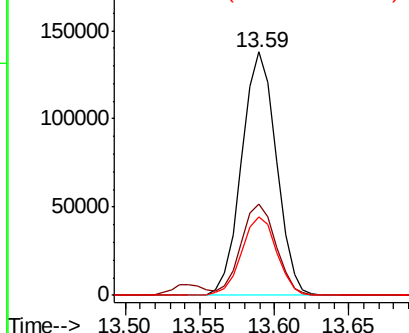
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	32.0	26.4	39.6

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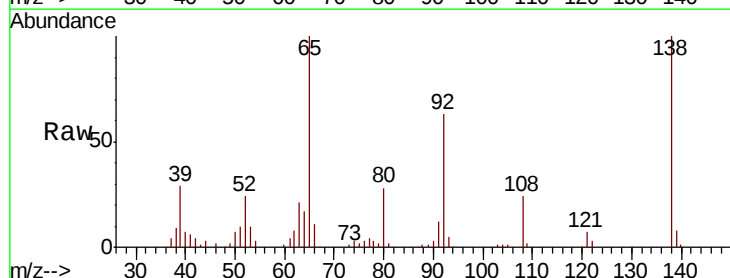


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

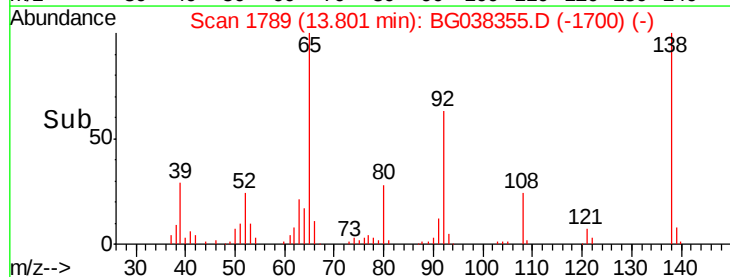
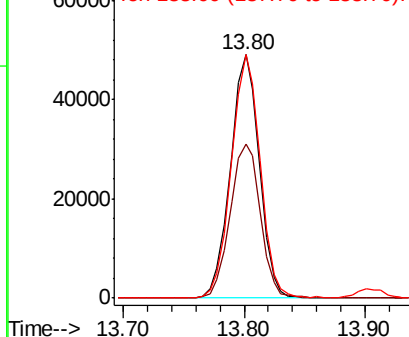


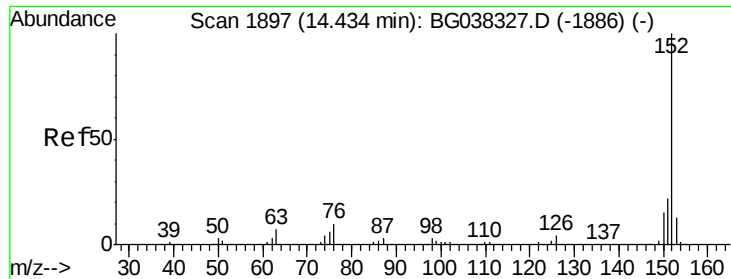
#48
 2-Nitroaniline
 Concen: 47.120 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	53.2	79.8
138	100.0	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: 48.154 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

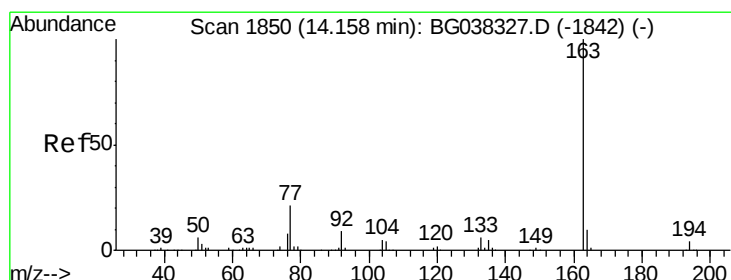
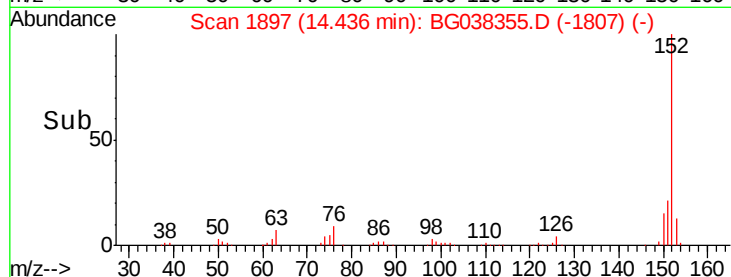
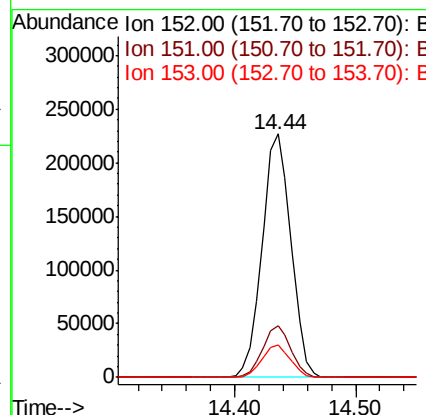
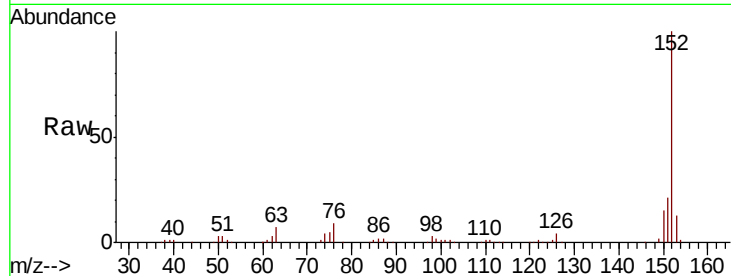
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	152	Resp:	375068
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.1	25.7
153	13.2	11.1	16.7

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#50

Dimethylphthalate

Concen: 48.378 ng

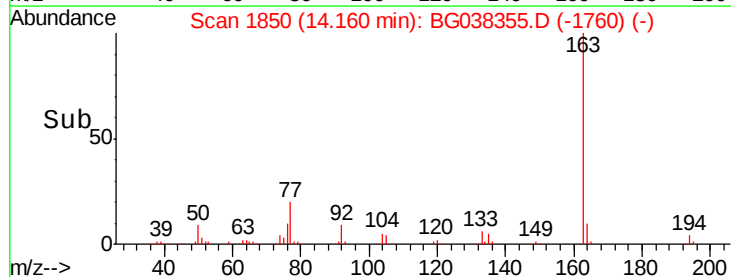
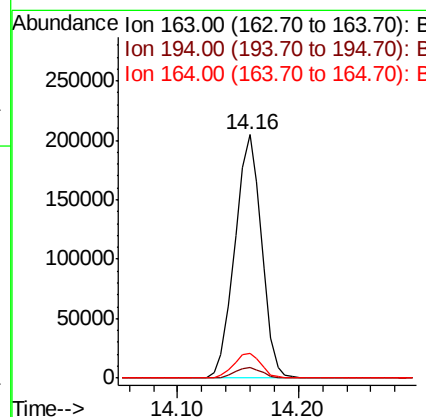
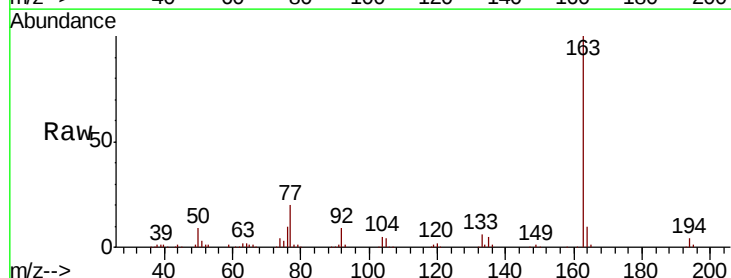
RT: 14.16 min Scan# 1850

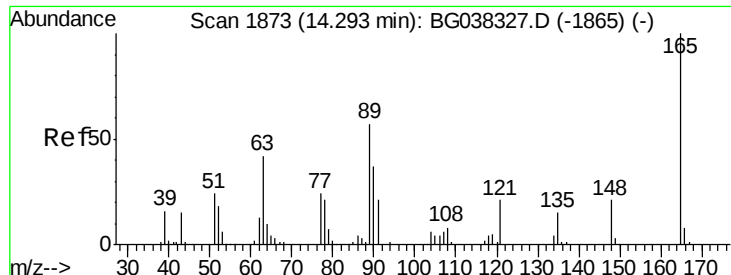
Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:	163	Resp:	314616
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.3	8.5	12.7





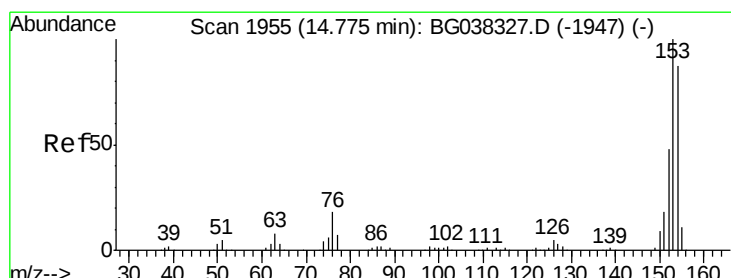
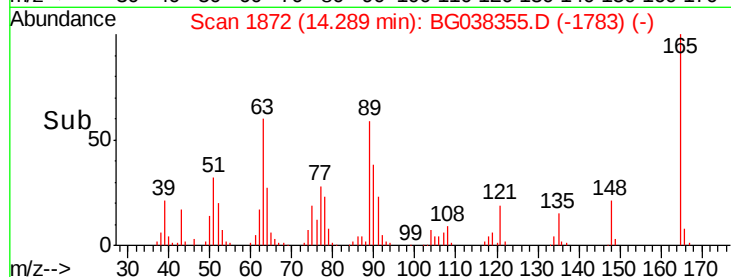
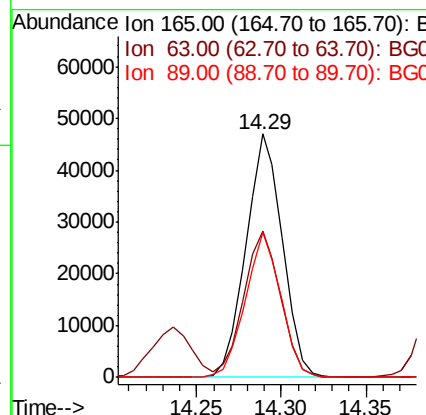
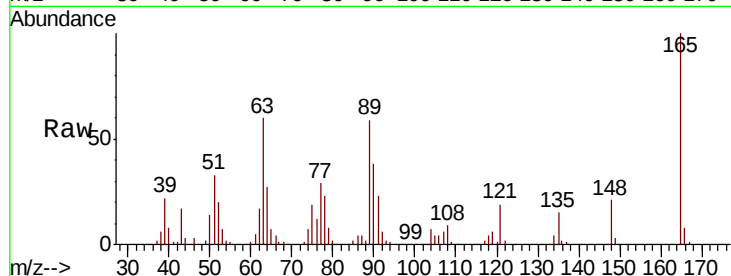
#51
 2,6-Dinitrotoluene
 Concen: 47.361 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.0	43.4	65.2
89	59.5	45.8	68.6

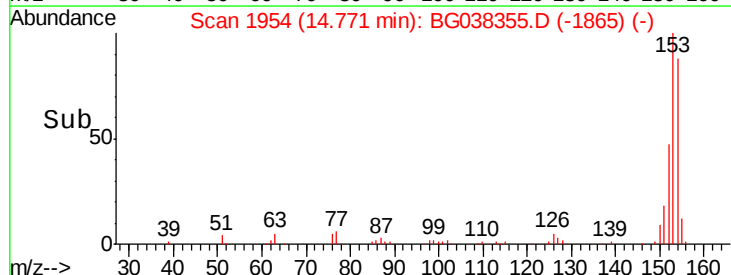
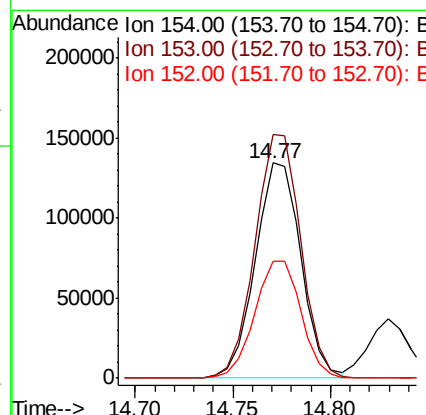
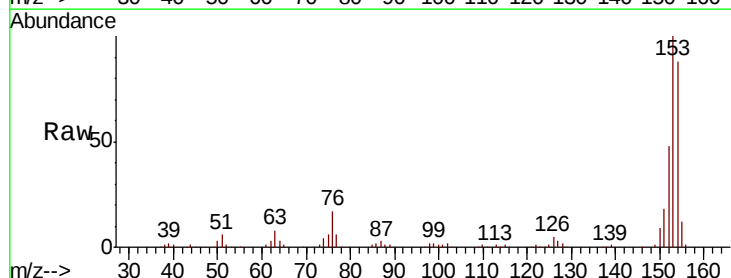
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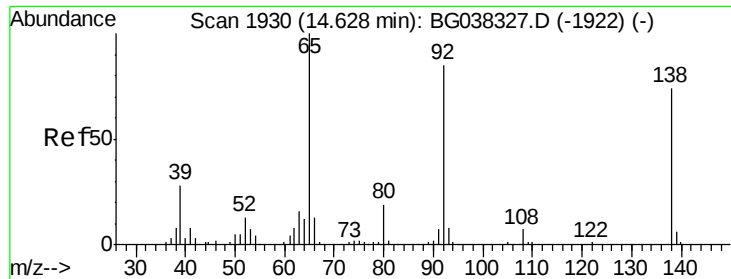
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#52
 Acenaphthene
 Concen: 45.780 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	93.4	140.0
152	54.2	44.7	67.1





#53

3-Nitroaniline

Concen: 14.567 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

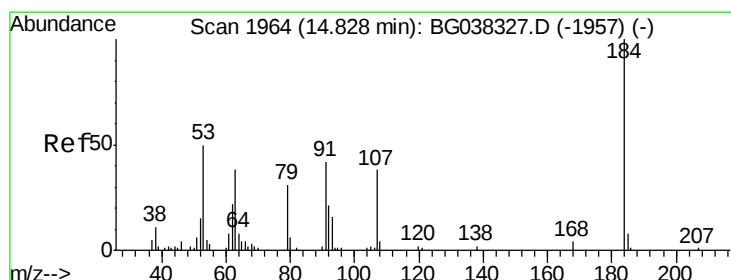
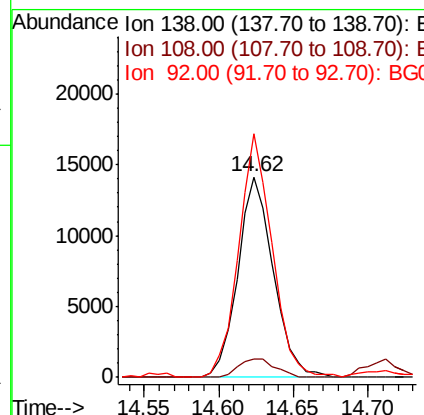
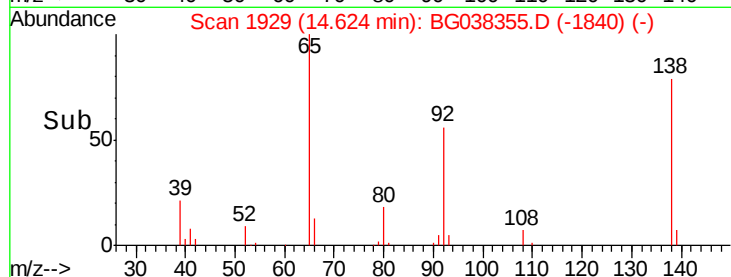
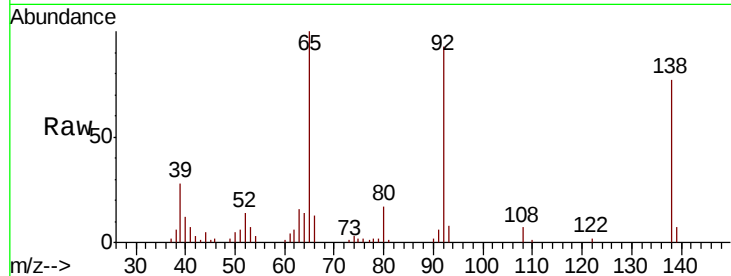
ClientSampleId :

JC-02-113018-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	11.0	16.6#
92	121.4	95.2	142.8

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#54

2,4-Dinitrophenol

Concen: 112.695 ng

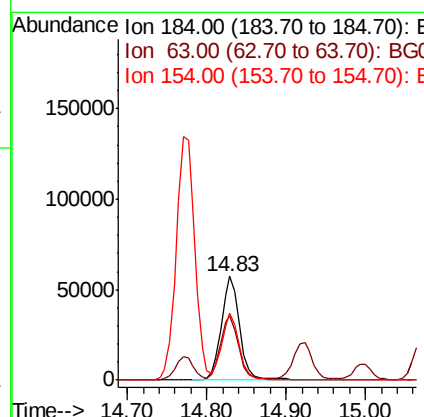
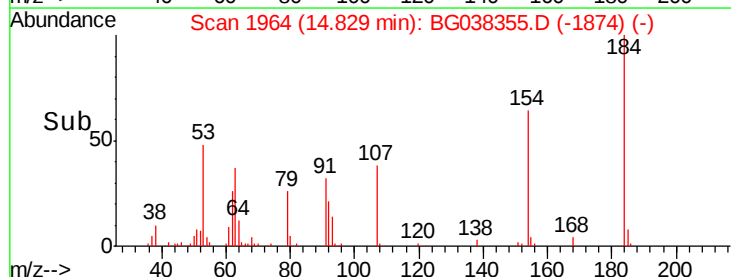
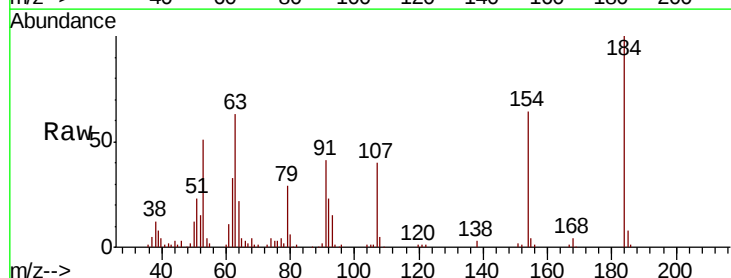
RT: 14.83 min Scan# 1964

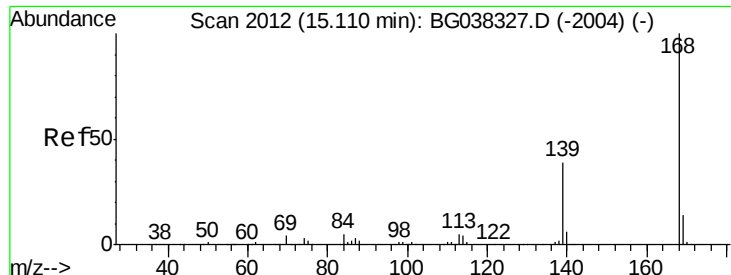
Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.9	42.6	63.8
154	64.4	41.8	62.6#





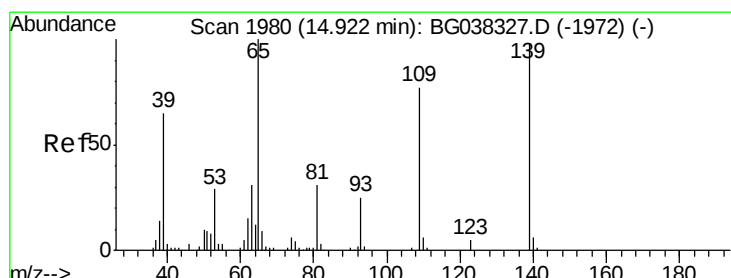
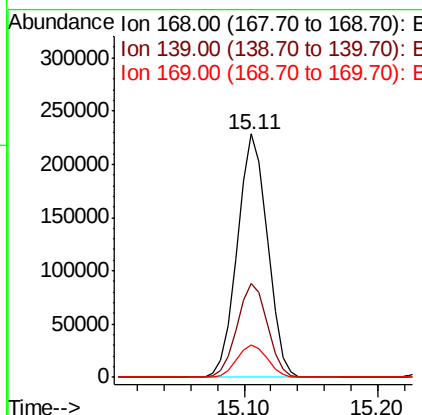
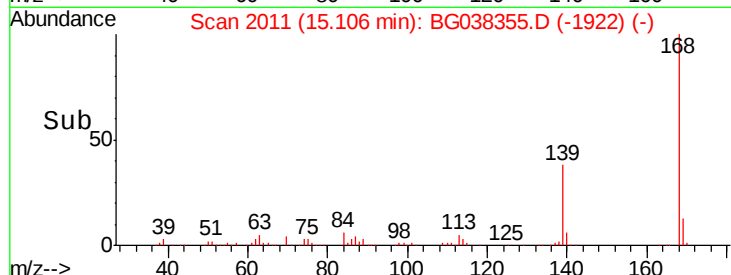
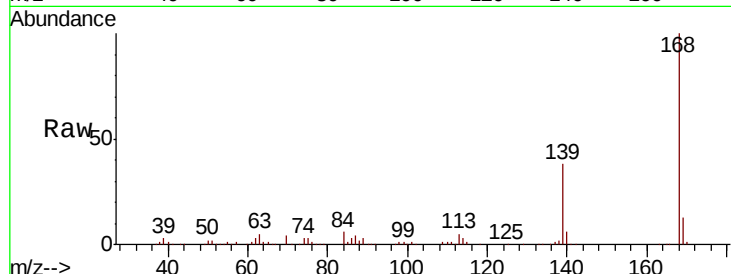
#55
Dibenzenofuran
Concen: 45.301 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100	355611		
139	38.4	29.4	44.0	
169	13.5	11.0	16.6	

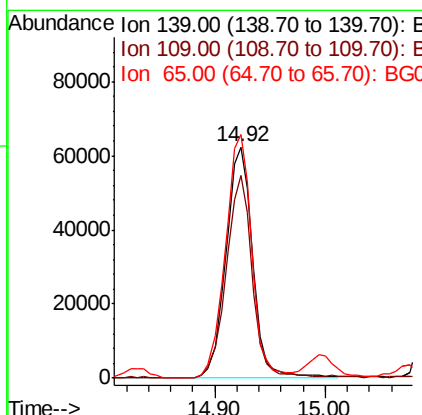
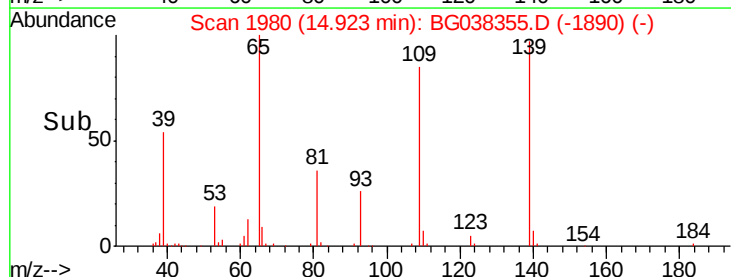
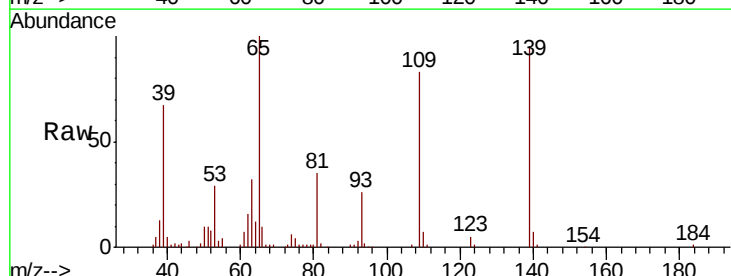
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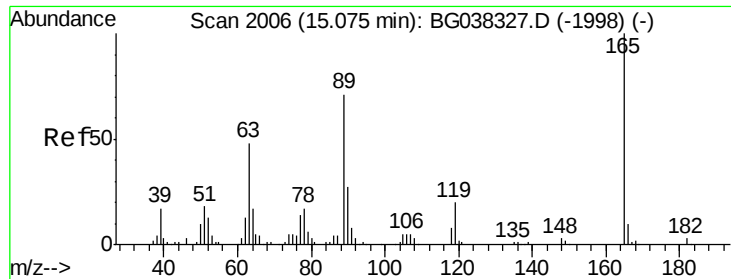
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#56
4-Nitrophenol
Concen: 83.956 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	106106		
109	87.8	49.5	89.5	
65	105.4	76.8	116.8	





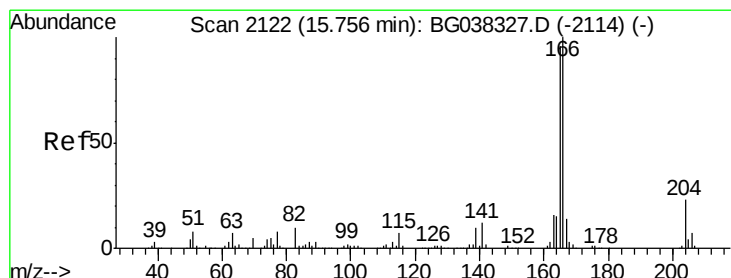
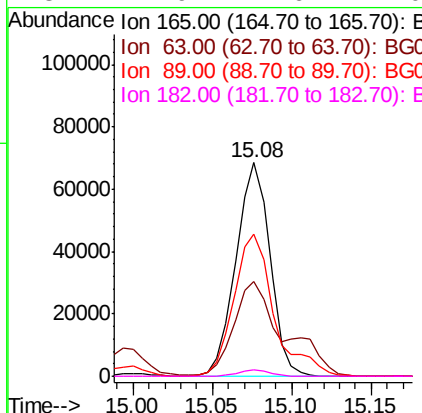
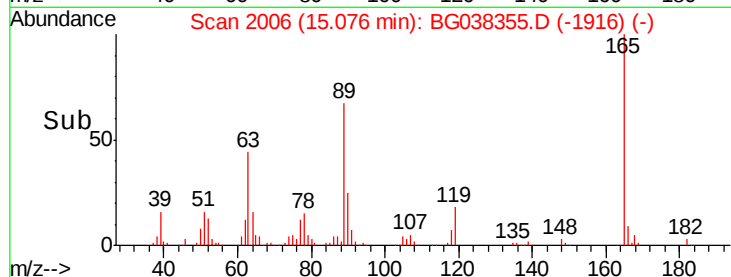
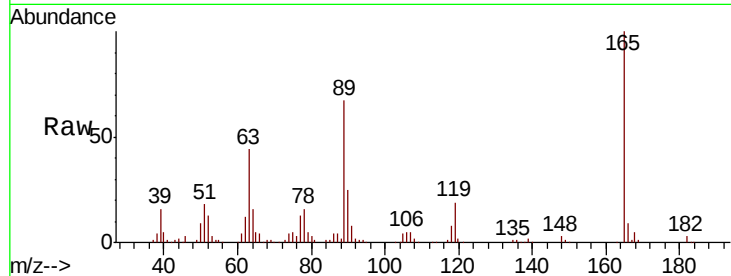
#57
2,4-Dinitrotoluene
Concen: 49.786 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	44.1	33.4	50.0		
89	66.6	57.2	85.8		
182	2.9	2.6	4.0		

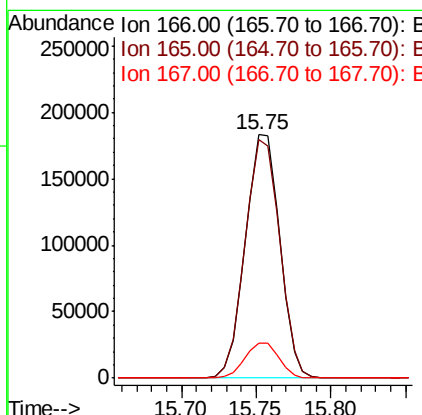
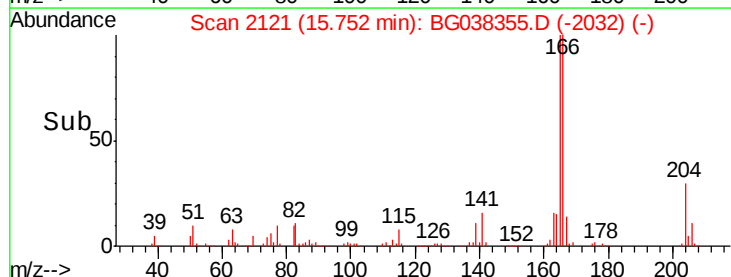
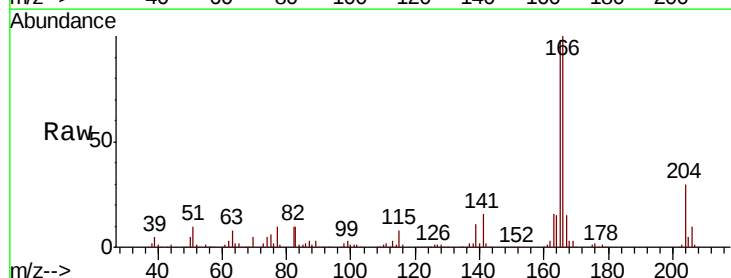
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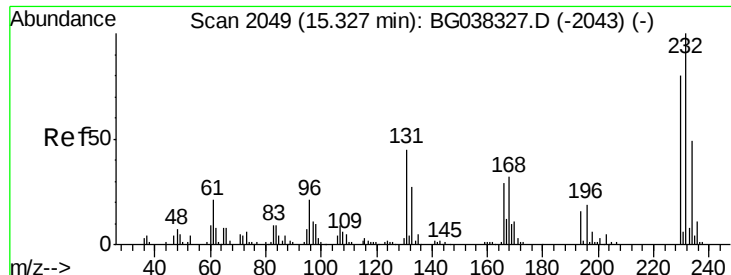
mohammad
12/6/2018 10:33:28 AM



#58
Fluorene
Concen: 50.487 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.0	79.0	118.6		
167	14.6	11.3	16.9		





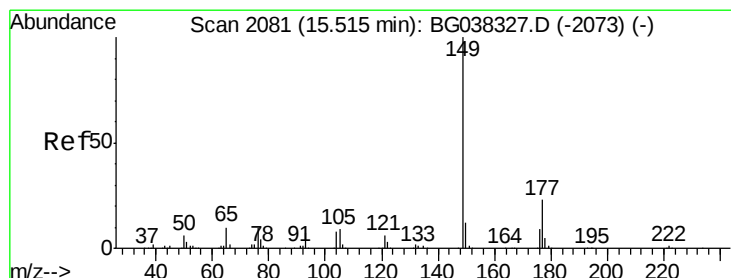
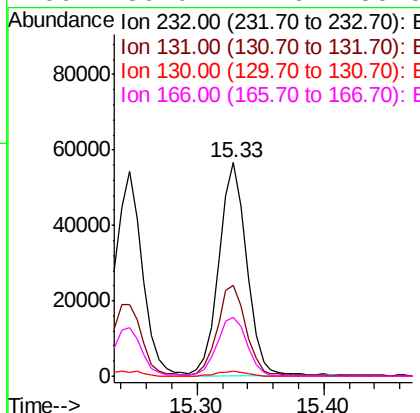
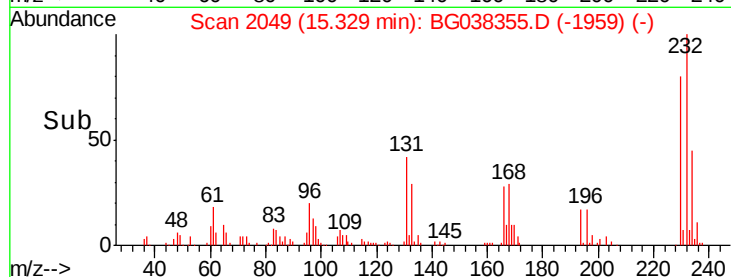
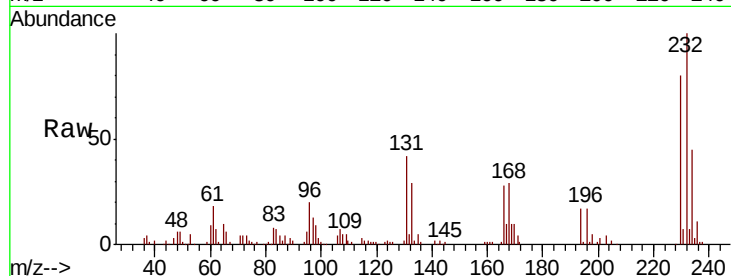
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.638 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion:	232	Resp:	85866
Ion Ratio	Lower	Upper	
232	100		
131	45.0	33.7	50.5
130	2.5	2.1	3.1
166	30.0	24.6	36.8

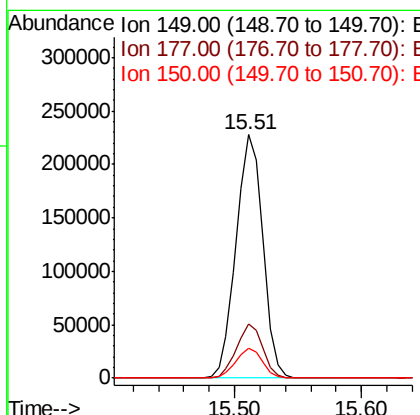
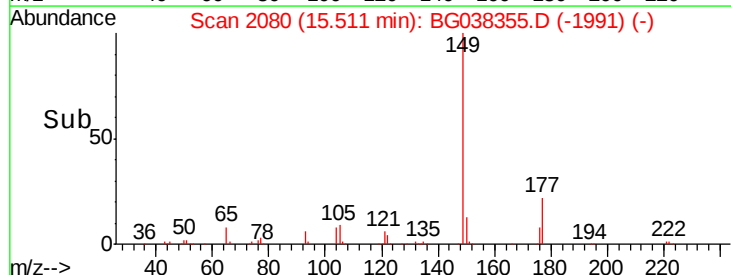
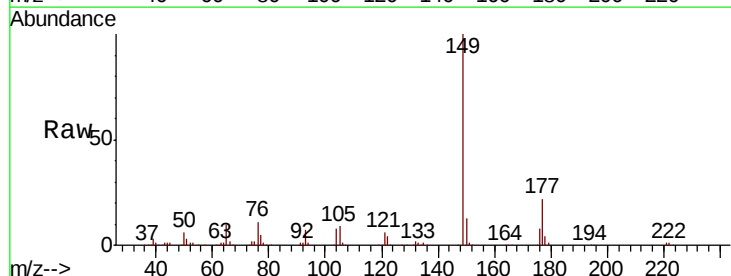
Manual Integrations
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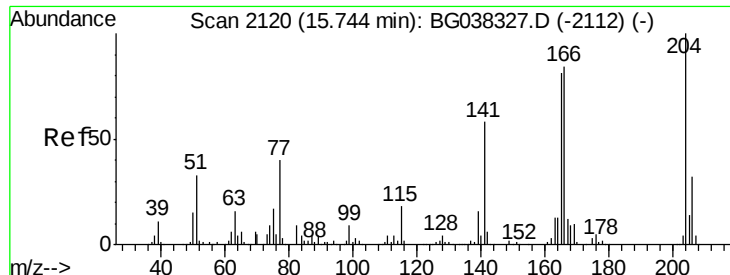
mohammad
 12/6/2018 10:33:28 AM



#60
 Diethylphthalate
 Concen: 45.912 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion:	149	Resp:	330790
Ion Ratio	Lower	Upper	
149	100		
177	22.1	18.3	27.5
150	12.5	10.0	15.0





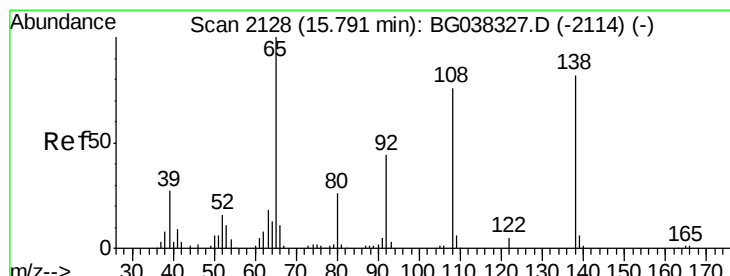
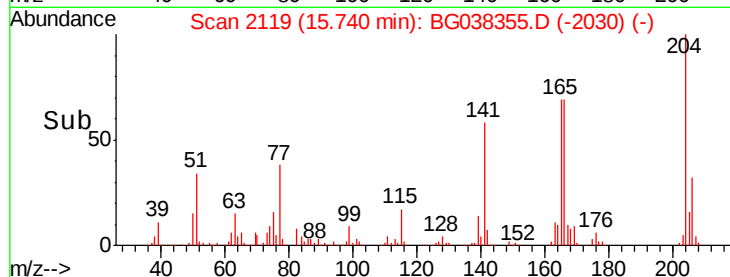
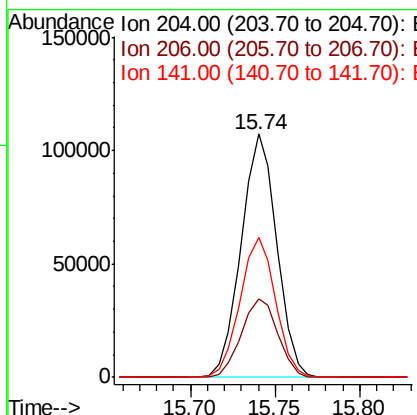
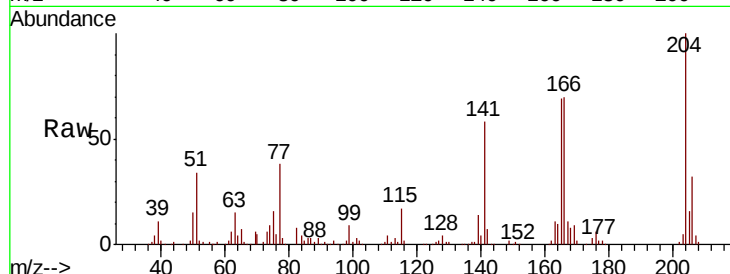
#61
4-Chlorophenyl-phenylether
Concen: 45.257 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	57.6	45.4	68.2

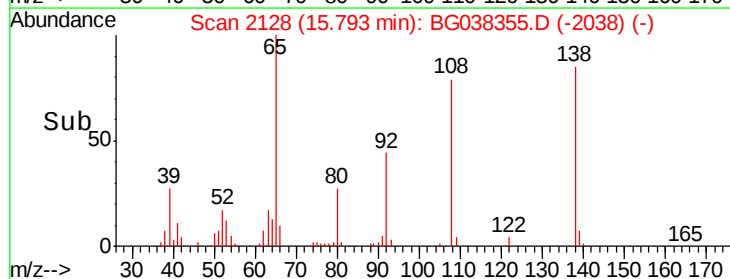
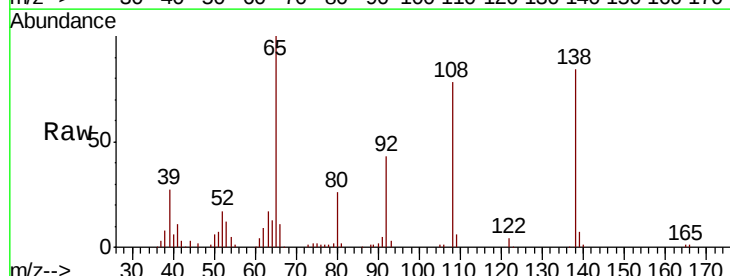
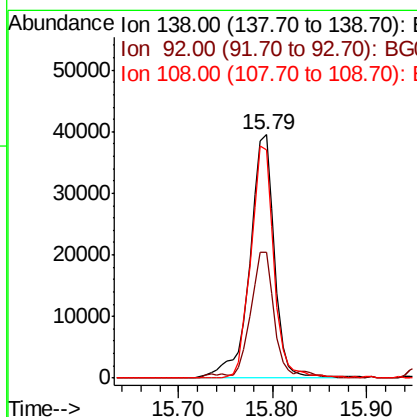
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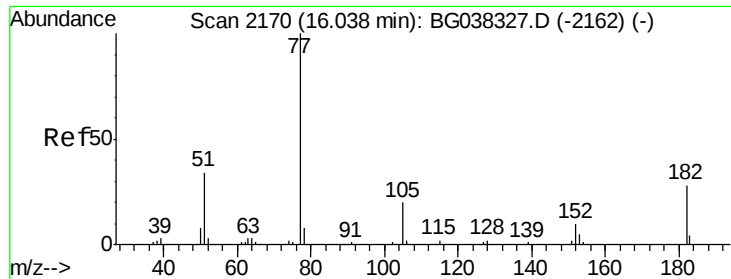
mohammad
12/6/2018 10:33:28 AM



#62
4-Nitroaniline
Concen: 45.508 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	36.4	76.4
108	93.6	60.1	100.1





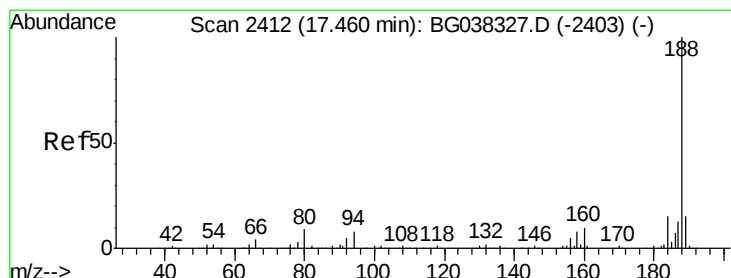
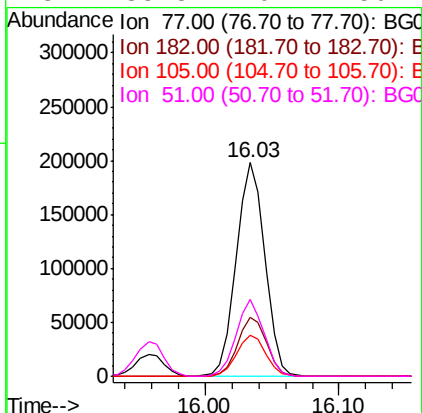
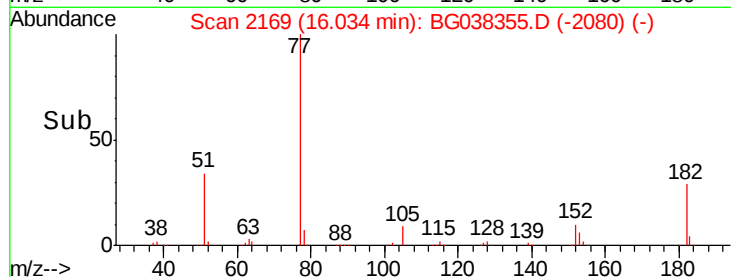
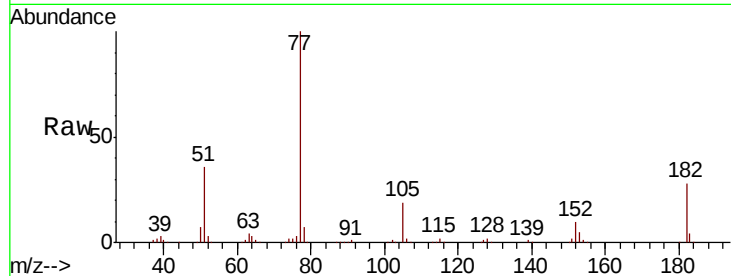
#63
Azobenzene
Concen: 46.590 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		293773		
182	27.7	8.0	48.0		
105	19.2	1.3	41.3		
51	35.8	10.7	50.7		

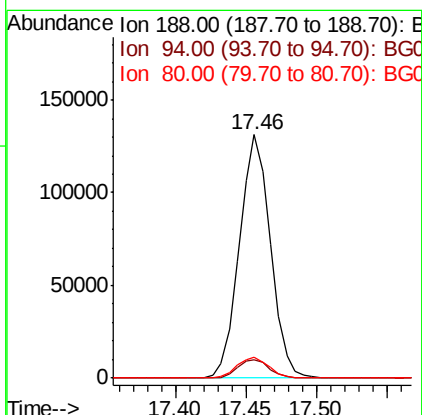
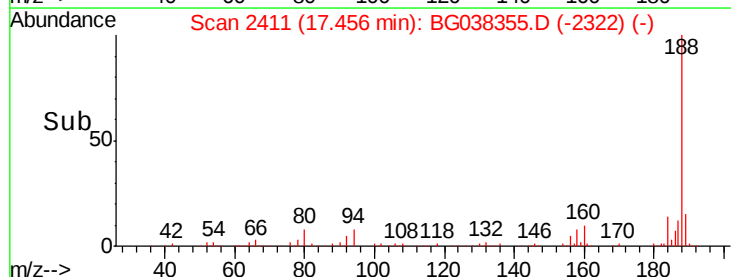
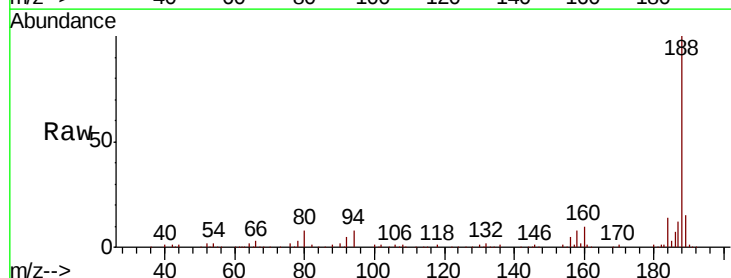
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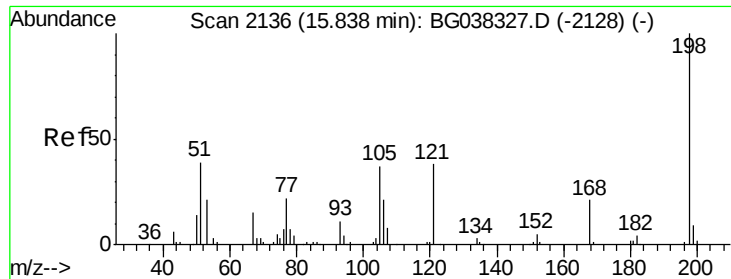
mohammad
12/6/2018 10:33:28 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		201323		
94	7.5	7.2	10.8		
80	8.4	7.7	11.5		





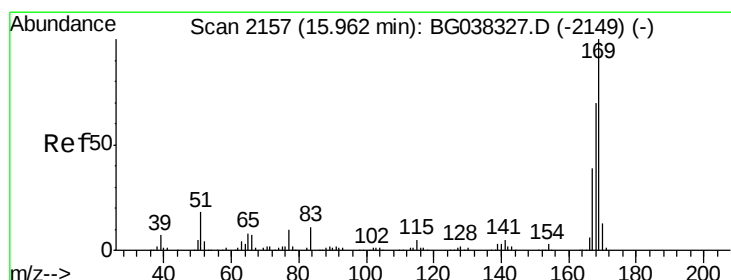
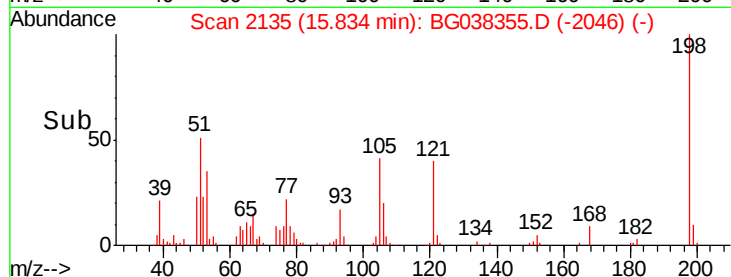
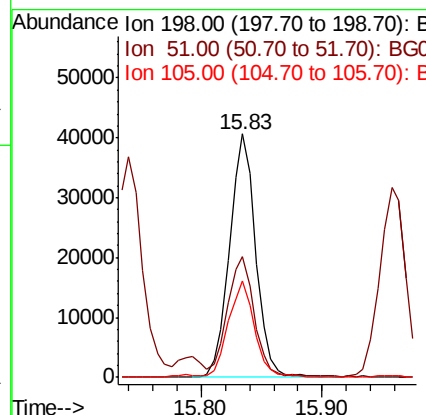
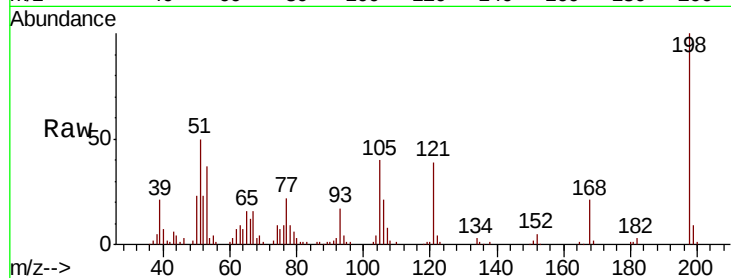
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.145 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	60869		
51	49.6		22.7	62.7
105	39.7		19.7	59.7

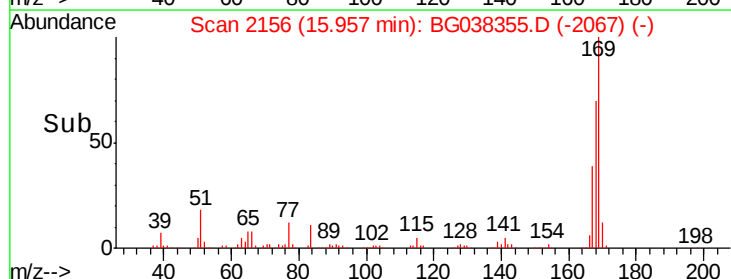
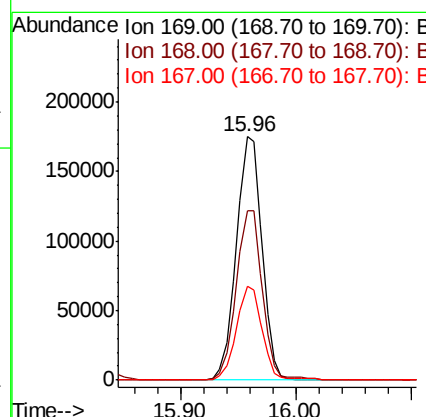
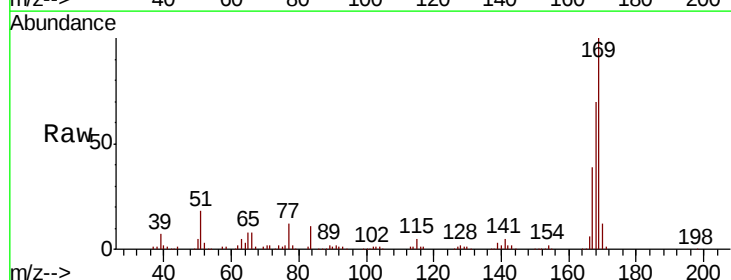
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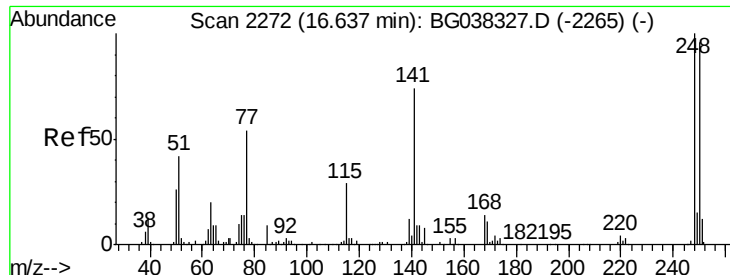
mohammad
 12/6/2018 10:33:28 AM



#66
 n-Nitrosodiphenylamine
 Concen: 47.448 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	268615		
168	69.6		55.7	83.5
167	38.6		31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 46.756 ng

RT: 16.64 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

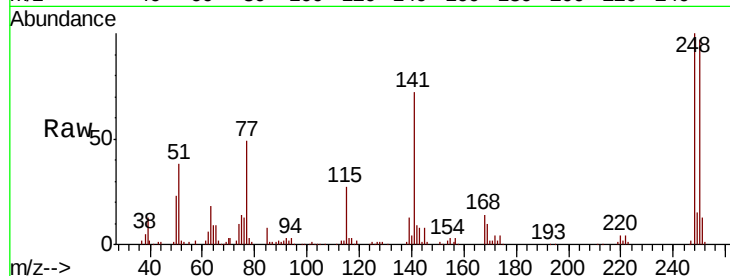
ClientSampleId :

JC-02-113018-AMSD

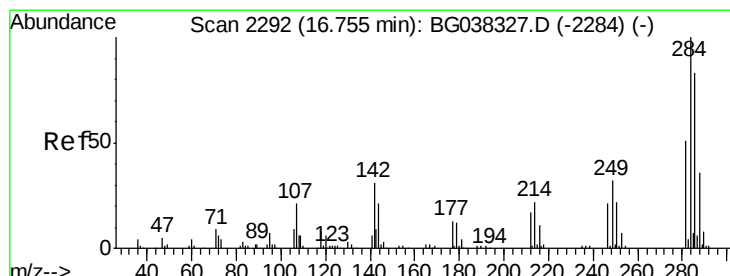
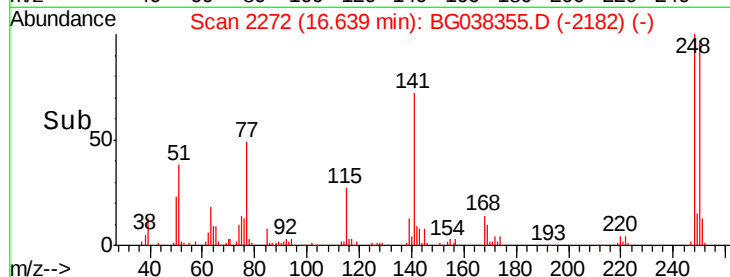
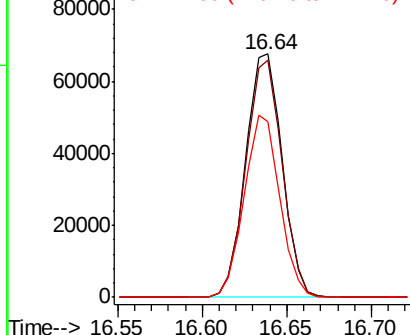
Tot Ion:	248	Resp:	101652
Ion Ratio	Lower	Upper	
248	100		
250	97.3	77.0	115.6
141	72.0	55.5	83.3

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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: 47.255 ng

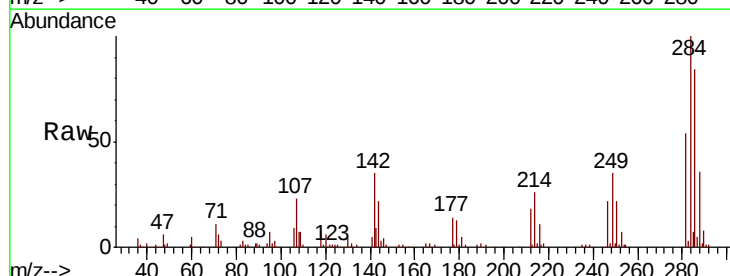
RT: 16.75 min Scan# 2291

Delta R.T. -0.00 min

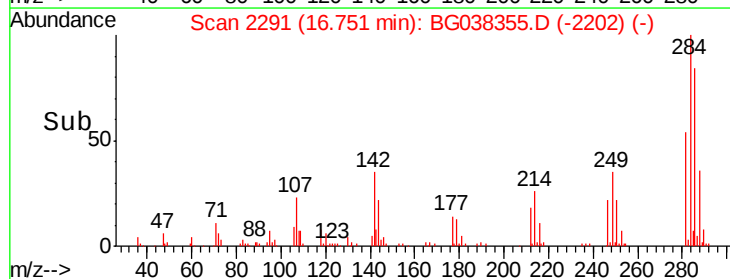
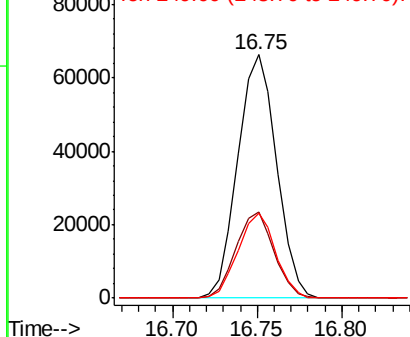
Lab File: BG038355.D

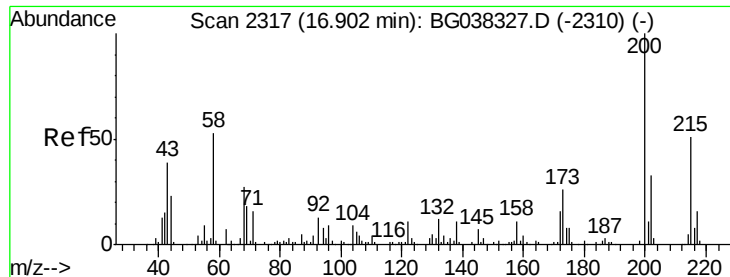
Acq: 5 Dec 2018 11:42

Tgt Ion:	284	Resp:	105967
Ion Ratio	Lower	Upper	
284	100		
142	35.3	28.1	42.1
249	37.2	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





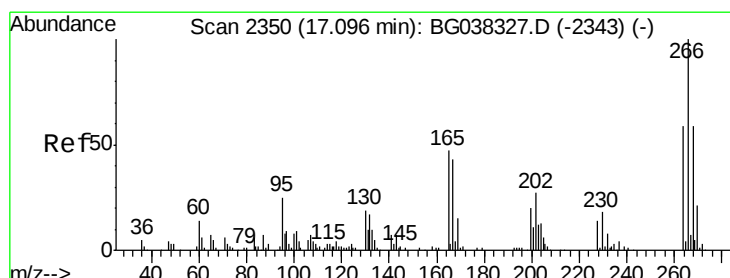
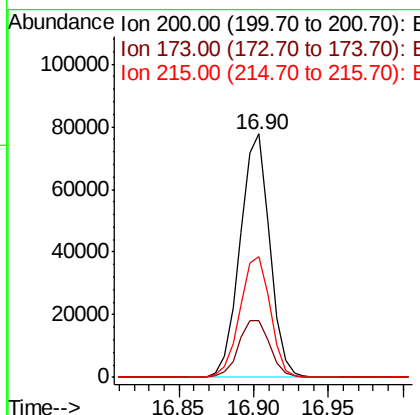
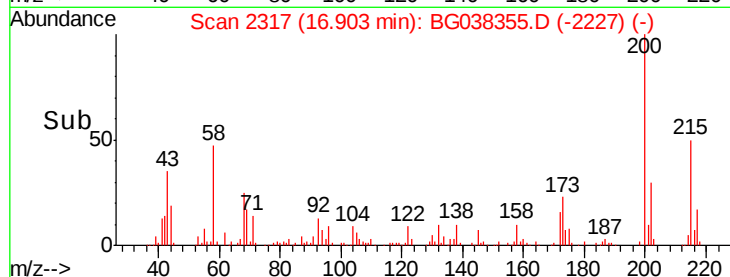
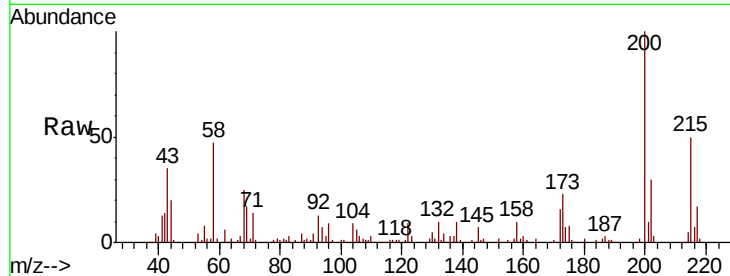
#69
Atrazine
Concen: 50.552 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.4	6.1	46.1
215	49.7	30.8	70.8

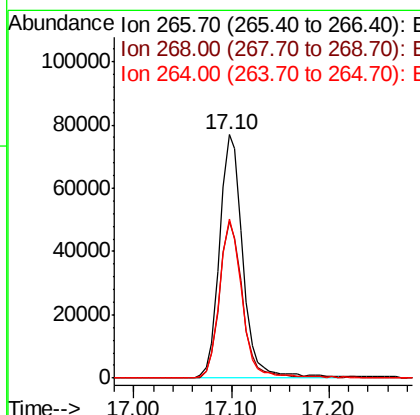
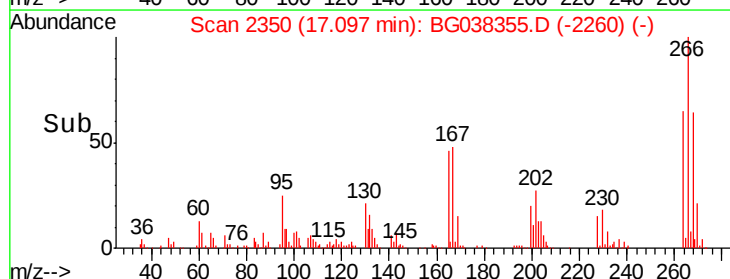
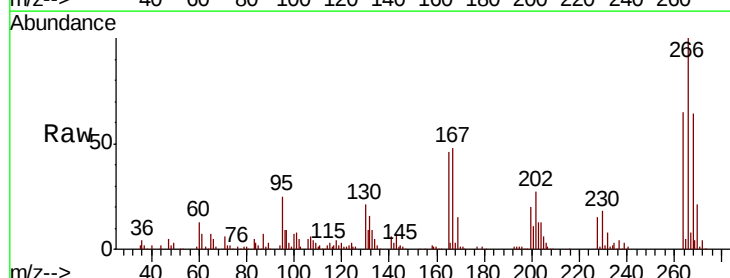
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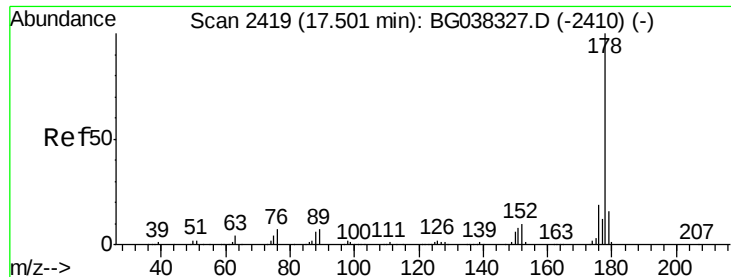
mohammad
12/6/2018 10:33:28 AM



#70
Pentachlorophenol
Concen: 82.974 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.7	55.0	82.6
264	70.3	58.9	88.3





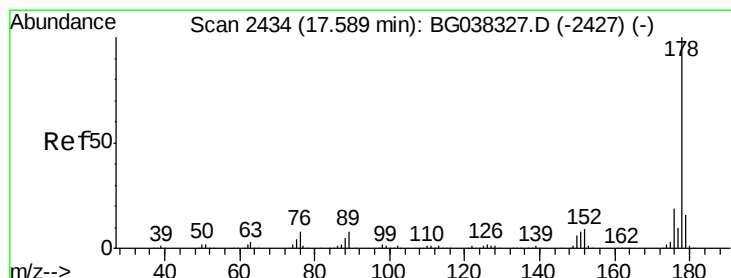
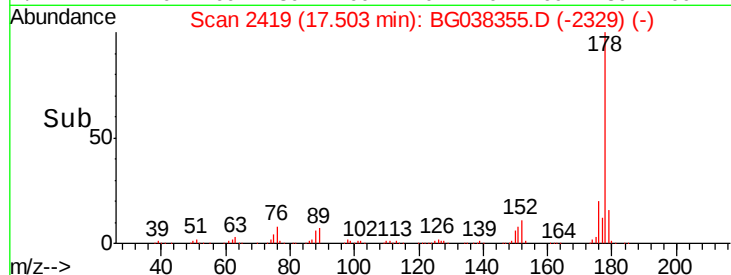
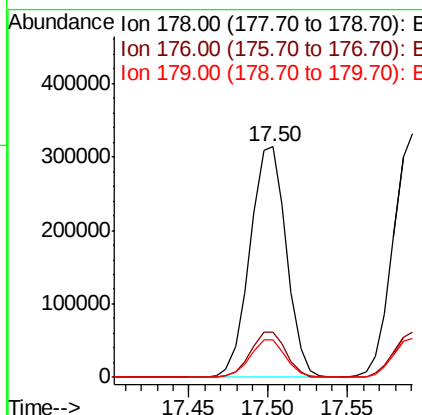
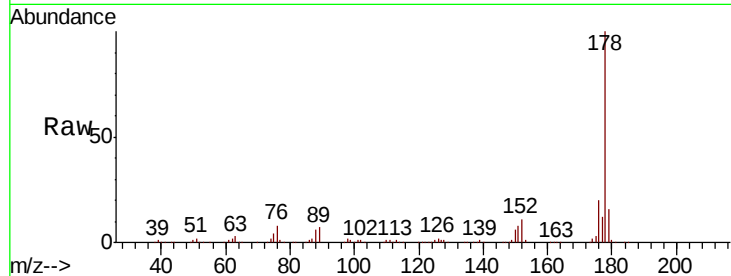
#71
Phenanthrene
Concen: 49.815 ng
RT: 17.50 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.1	24.1
179	16.4	13.0	19.4

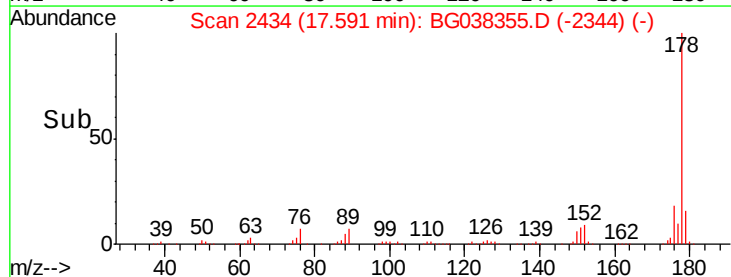
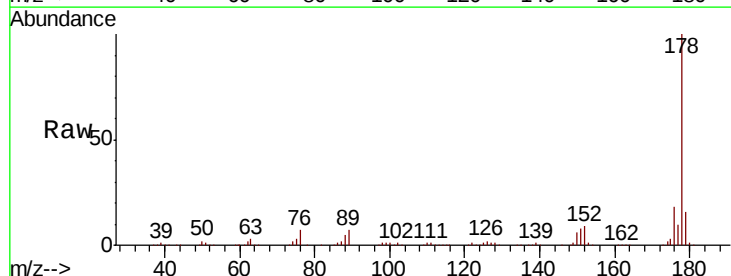
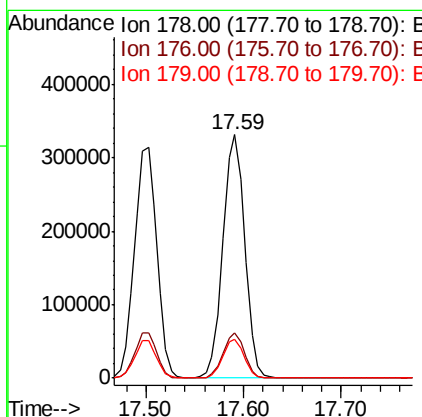
Manual Integrations
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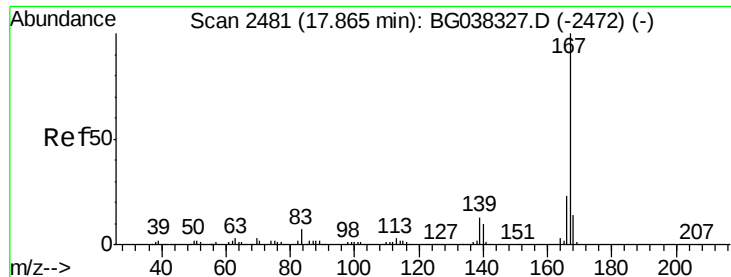
mohammad
12/6/2018 10:33:28 AM



#72
Anthracene
Concen: 52.608 ng
RT: 17.59 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.1	12.8	19.2





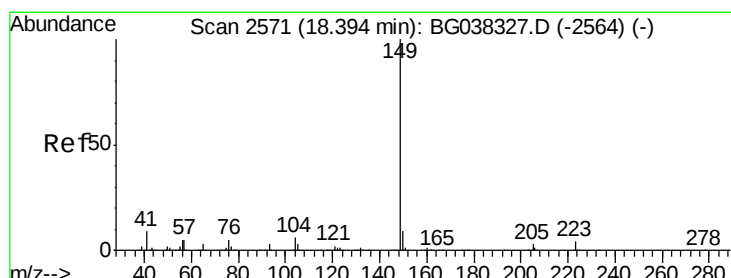
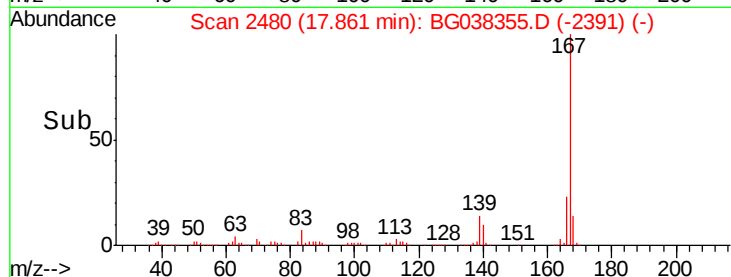
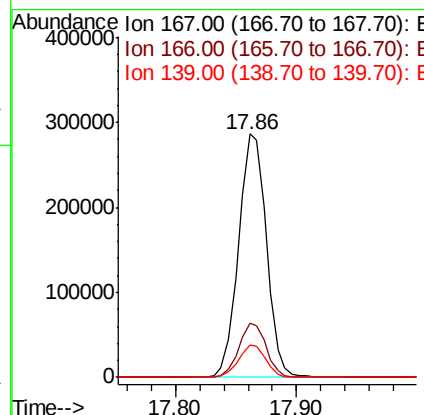
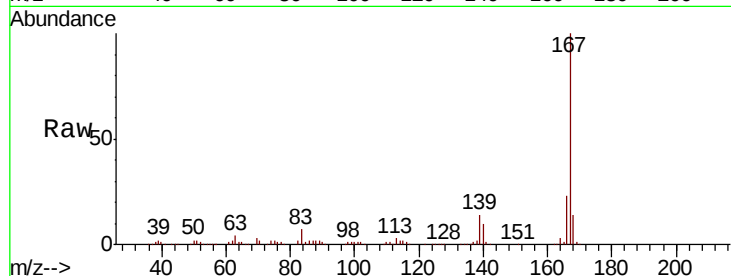
#73
 Carbazole
 Concen: 47.547 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	13.6	10.5	15.7

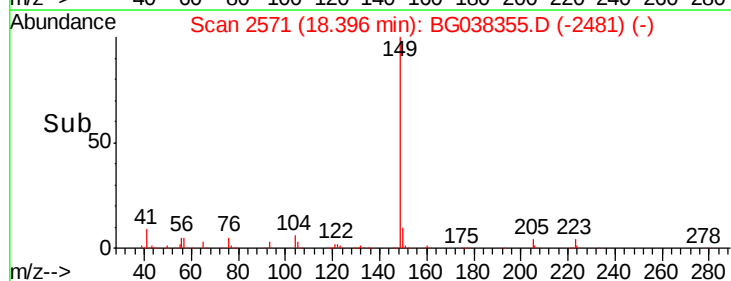
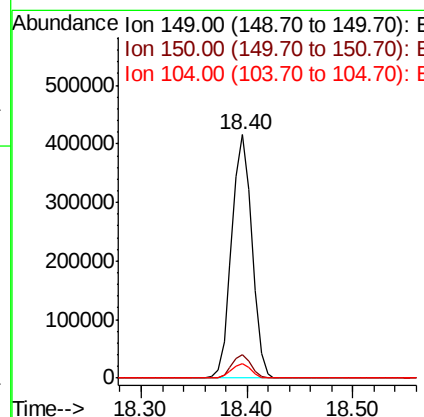
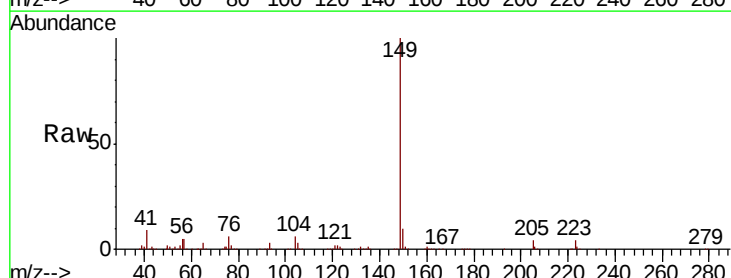
Manual Integrations
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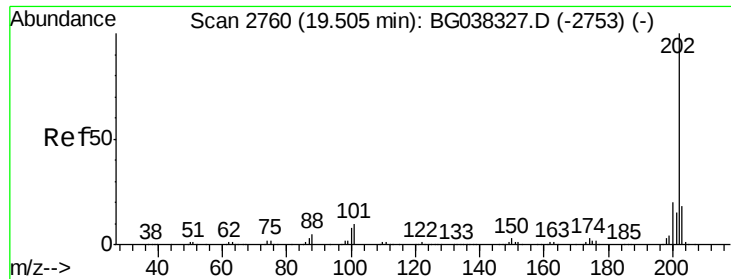
mohammad
 12/6/2018 10:33:28 AM



#74
 Di-n-butylphthalate
 Concen: 48.501 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	5.8	4.0	6.0





#75

Fluoranthene

Concen: 51.102 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

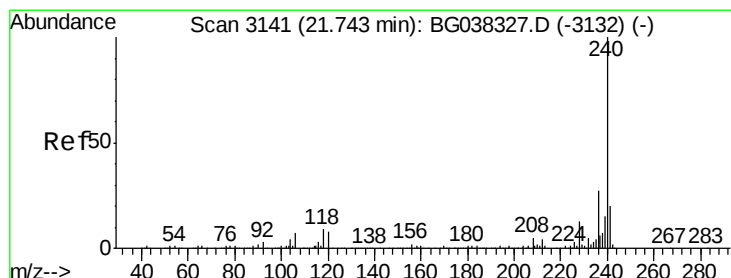
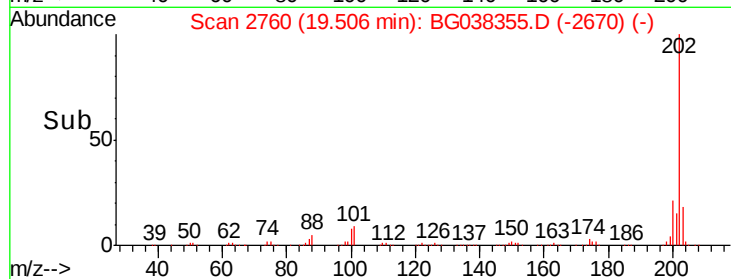
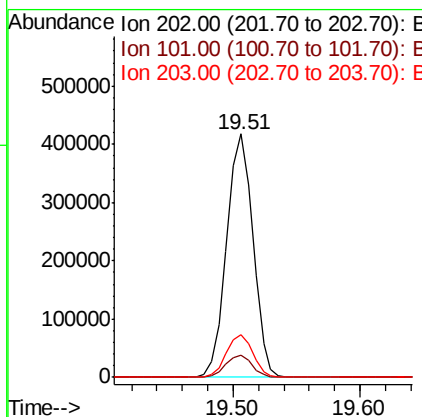
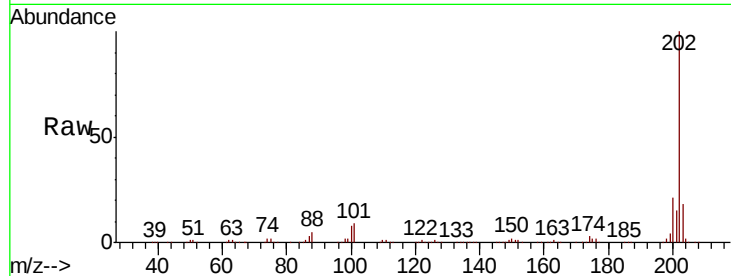
ClientSampleId :

JC-02-113018-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	601950		
101	8.9		0.0	30.7
203	17.6		0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

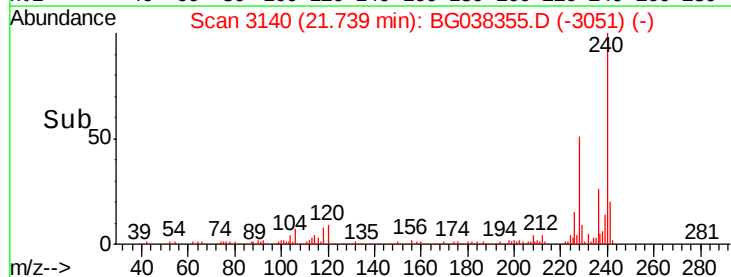
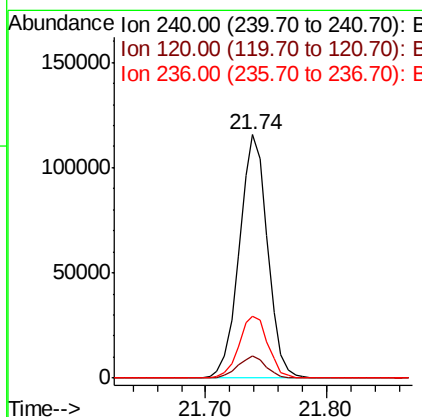
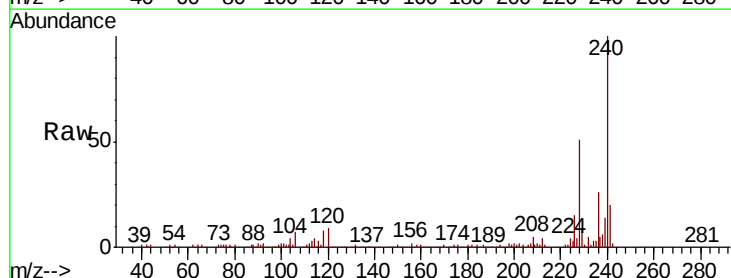
RT: 21.74 min Scan# 3140

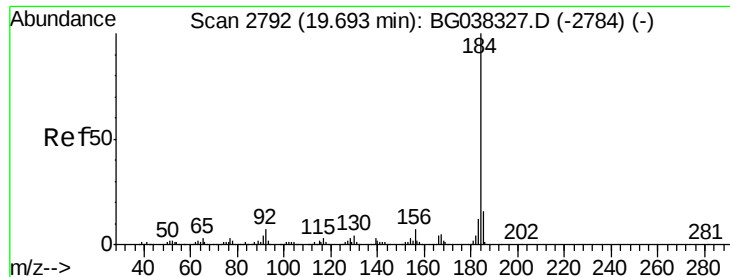
Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	187681		
120	9.2		8.1	12.1
236	25.5		21.4	32.0





#77

Benzidine

Concen: 5.961 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

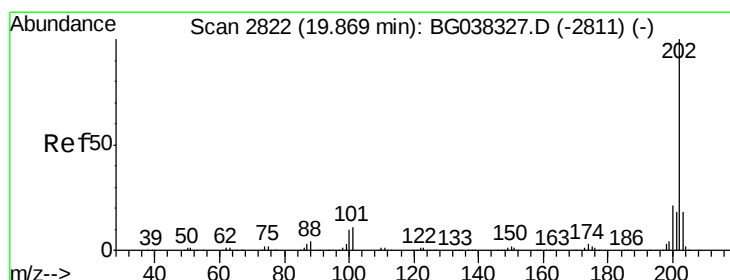
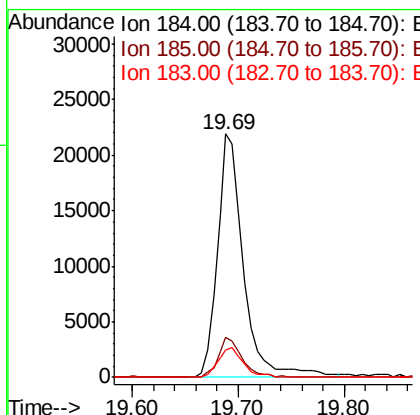
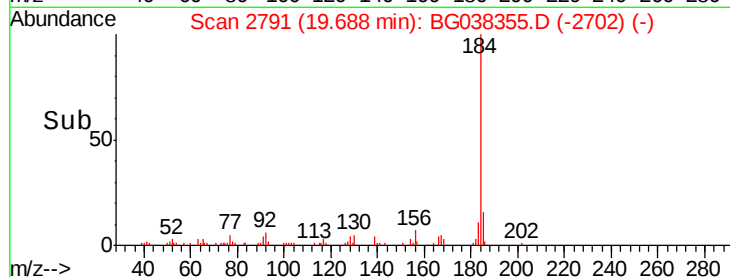
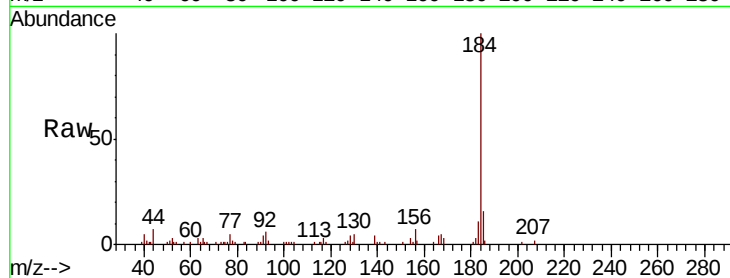
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	184	Resp:	37755
Ion Ratio	Lower	Upper	
184	100		
185	16.5	12.6	18.8
183	11.2	10.2	15.2

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#78

Pyrene

Concen: 45.900 ng

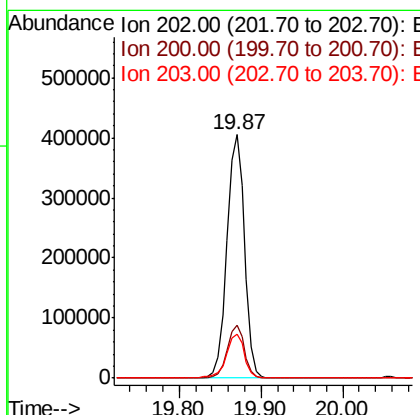
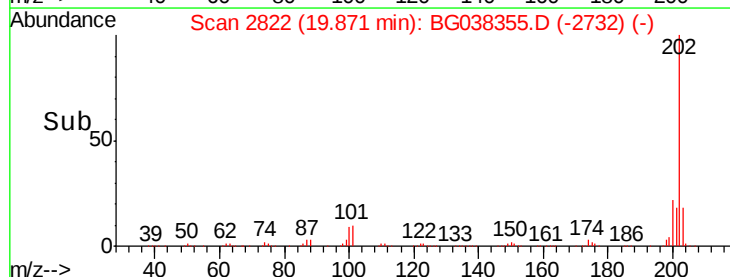
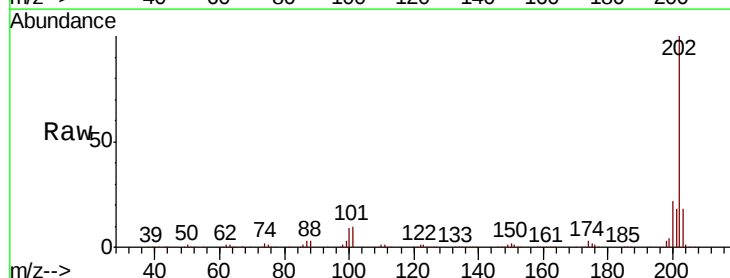
RT: 19.87 min Scan# 2822

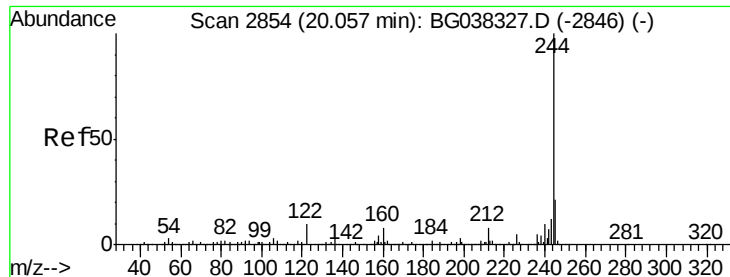
Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:	202	Resp:	602738
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.8	26.6
203	18.1	15.2	22.8





#79

Terphenyl-d14

Concen: 86.602 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

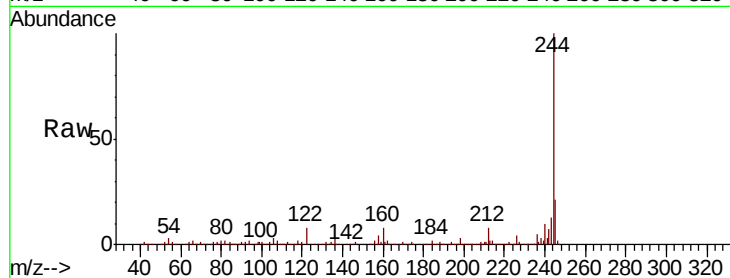
ClientSampleId :

JC-02-113018-AMSD

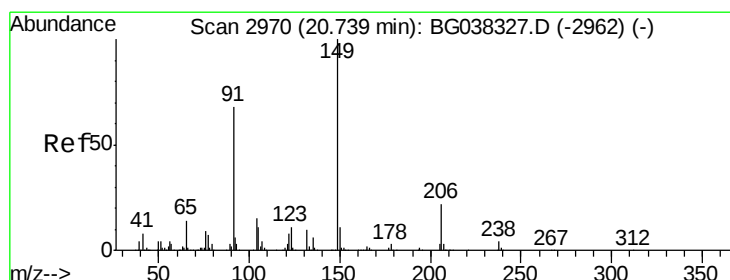
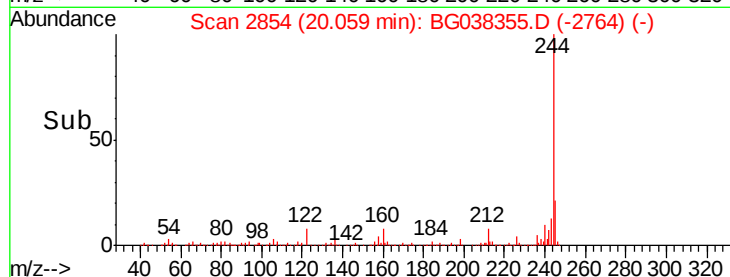
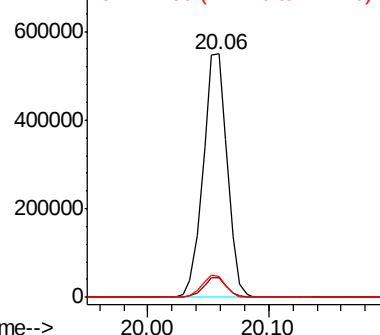
Tot Ion:	244	Resp:	758709
Ion Ratio		Lower	Upper
244	100		
212	8.1	6.5	9.7
122	8.5	9.0	13.4#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.782 ng

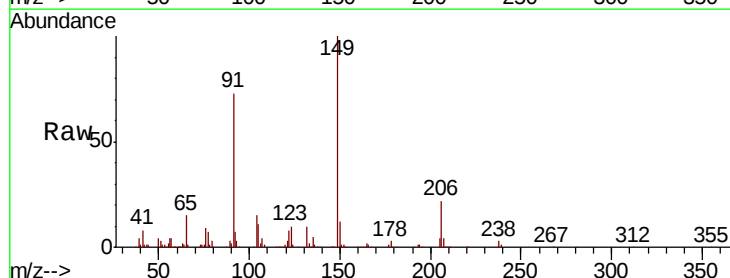
RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

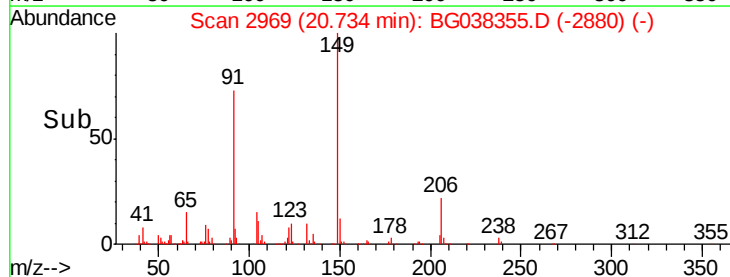
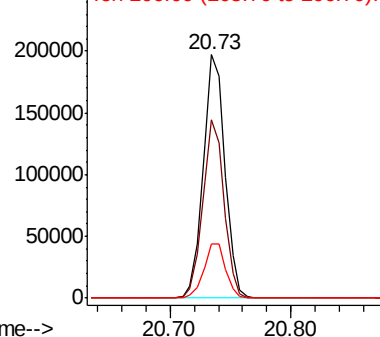
Lab File: BG038355.D

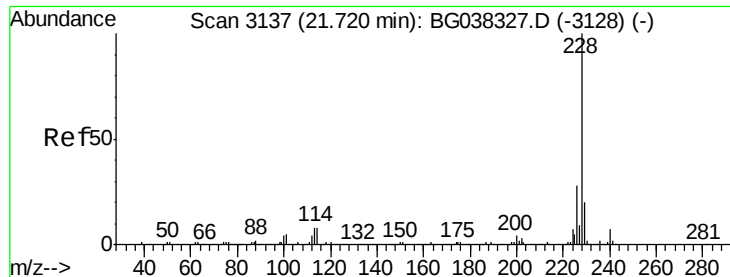
Acq: 5 Dec 2018 11:42

Tgt Ion:	149	Resp:	247083
Ion Ratio		Lower	Upper
149	100		
91	73.3	57.0	85.4
206	22.5	17.8	26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.655 ng

RT: 21.72 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

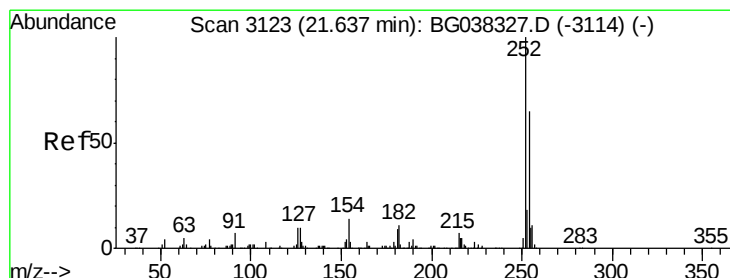
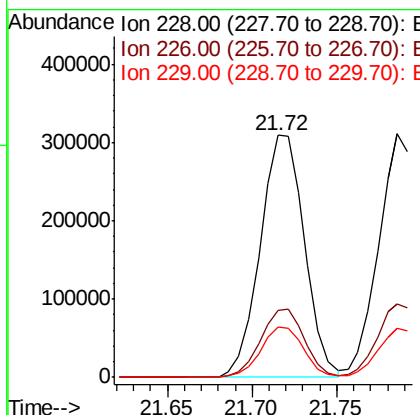
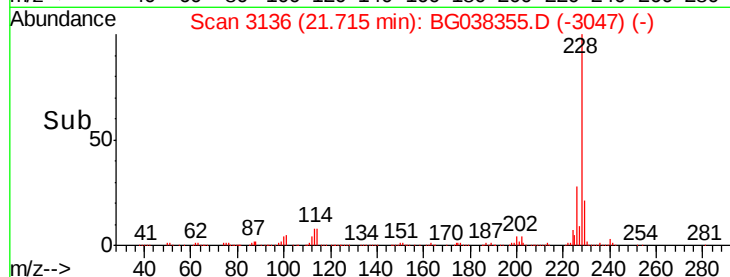
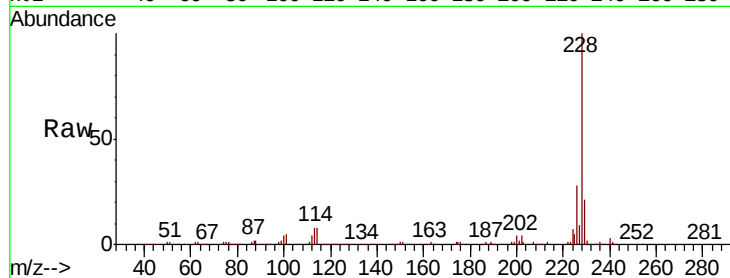
ClientSampleId :

JC-02-113018-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		561234		
226	27.7		22.6	33.8	
229	20.6		16.3	24.5	

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#82

3,3'-Dichlorobenzidine

Concen: 18.733 ng

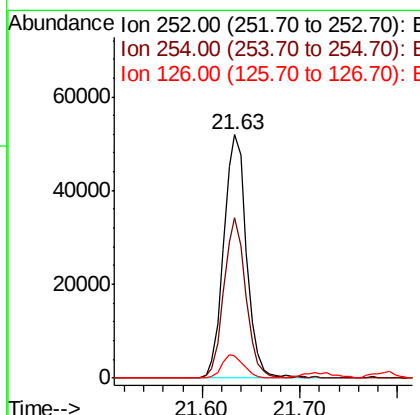
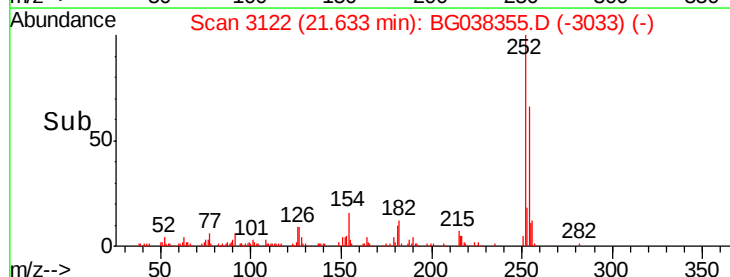
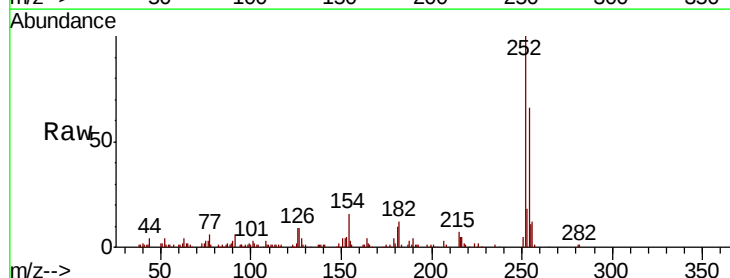
RT: 21.63 min Scan# 3122

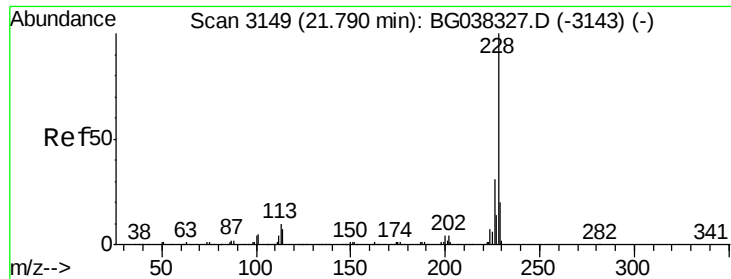
Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		84059		
254	65.8		52.0	78.0	
126	9.3		8.2	12.4	





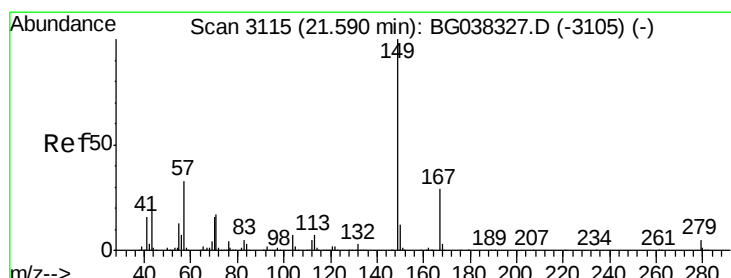
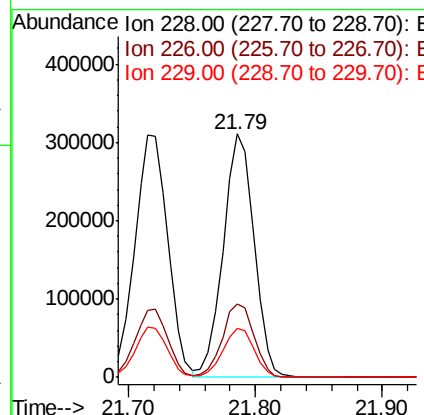
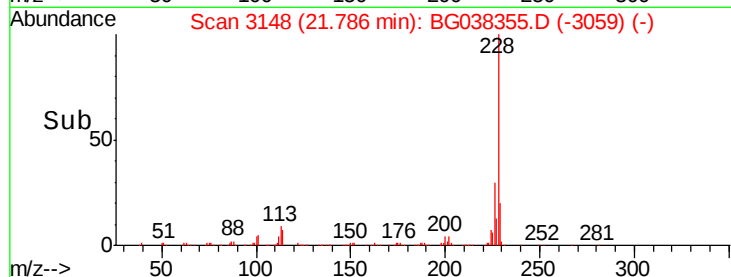
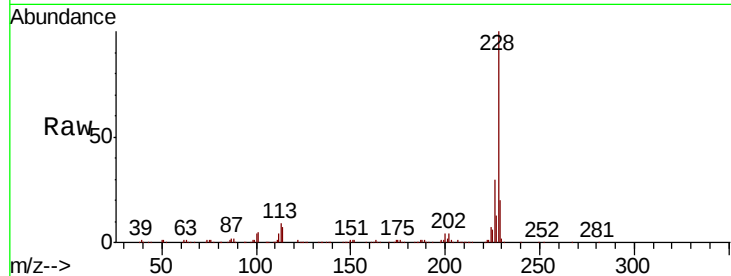
#83
 Chrvsene
 Concen: 47.869 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	20.3	16.5	24.7

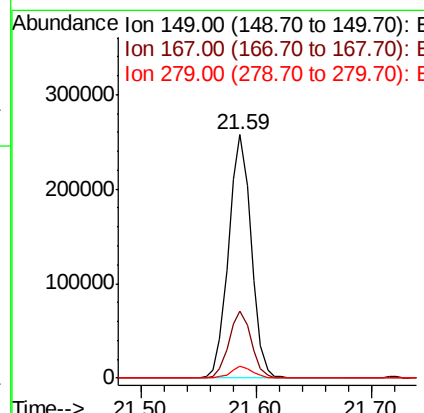
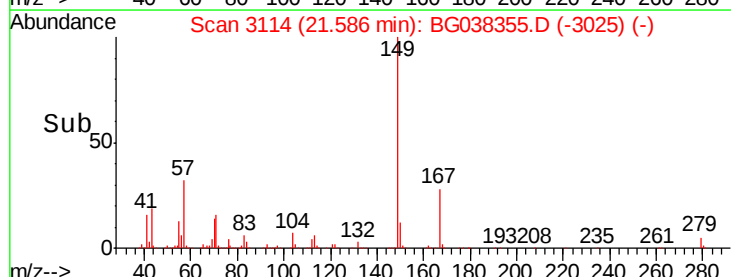
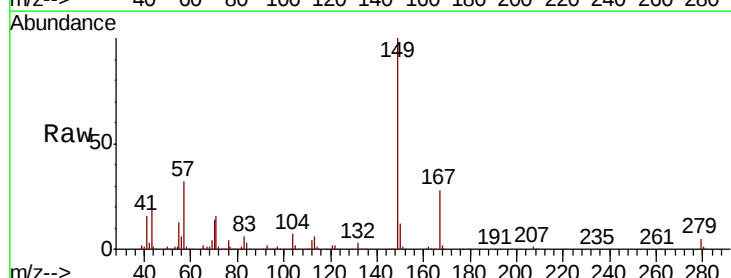
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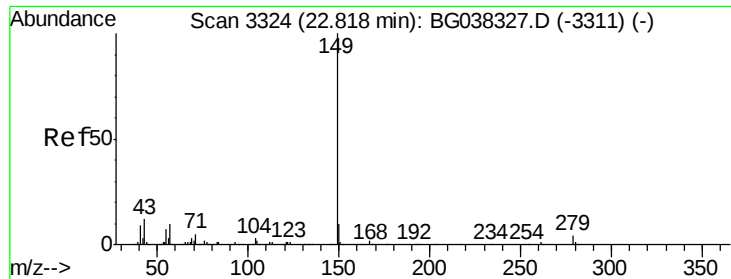
mohammad
 12/6/2018 10:33:28 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.708 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.7	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 45.884 ng

RT: 22.82 min Scan# 3324

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

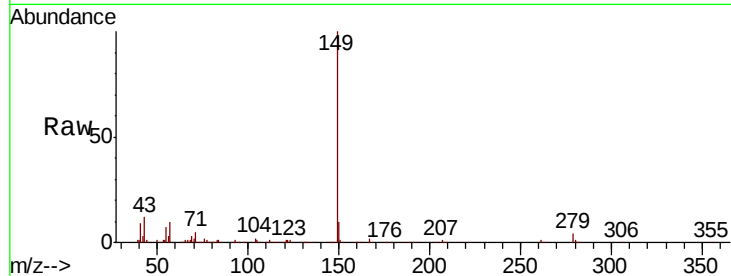
ClientSampleId :

JC-02-113018-AMSD

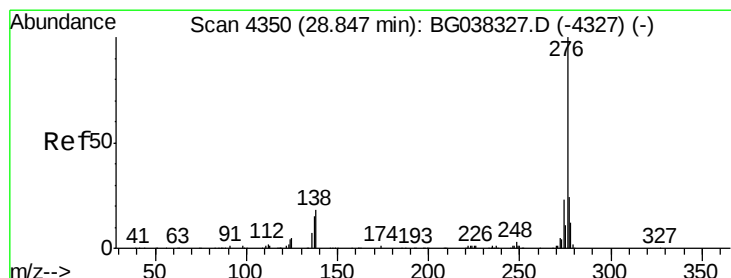
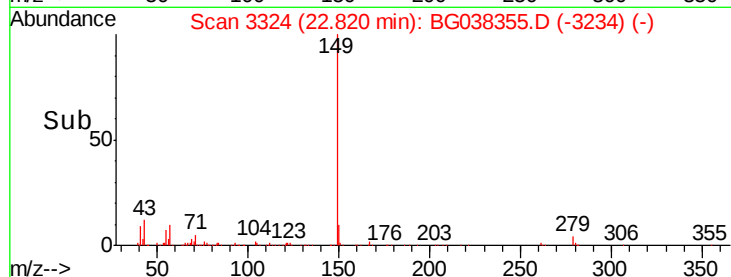
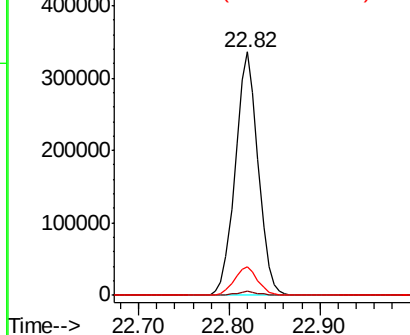
Tot Ion:	149	Resp:	588967
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.8	8.7	13.1

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.248 ng

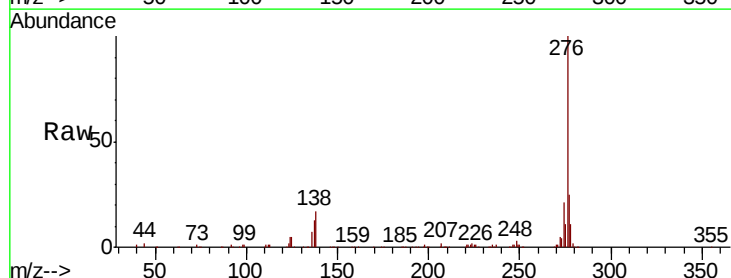
RT: 28.84 min Scan# 4349

Delta R.T. -0.00 min

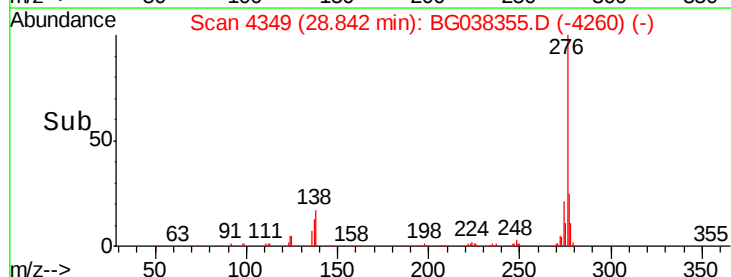
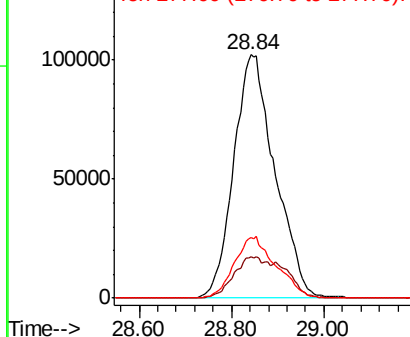
Lab File: BG038355.D

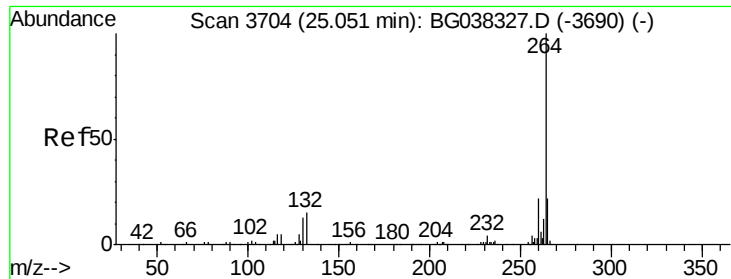
Acq: 5 Dec 2018 11:42

Tgt Ion:	276	Resp:	635756
Ion Ratio	Lower	Upper	
276	100		
138	13.7	12.0	18.0
277	25.5	20.6	30.8



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





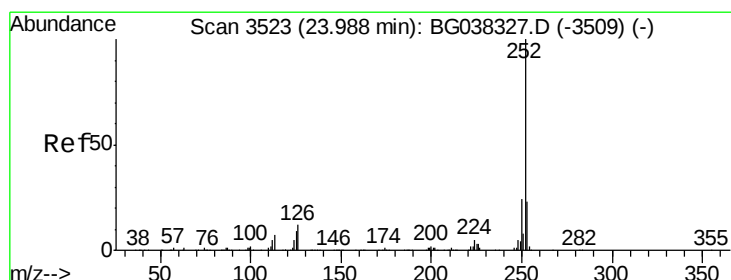
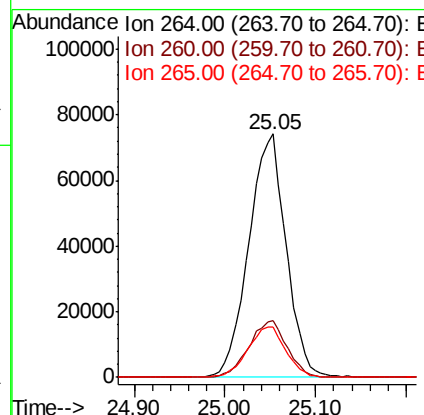
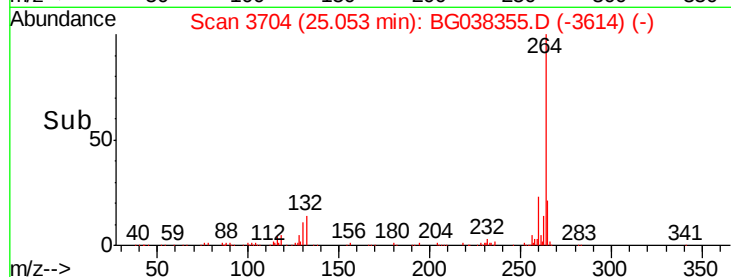
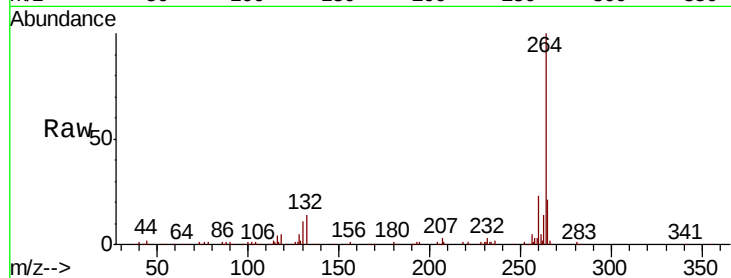
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3704
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	20.5	17.9	26.9

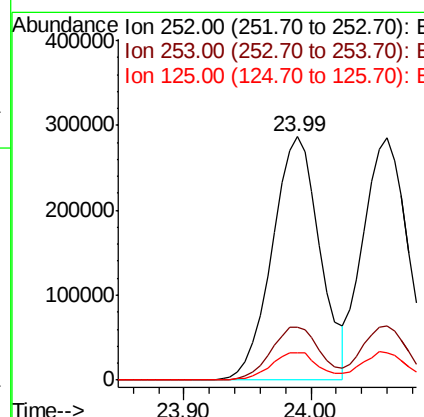
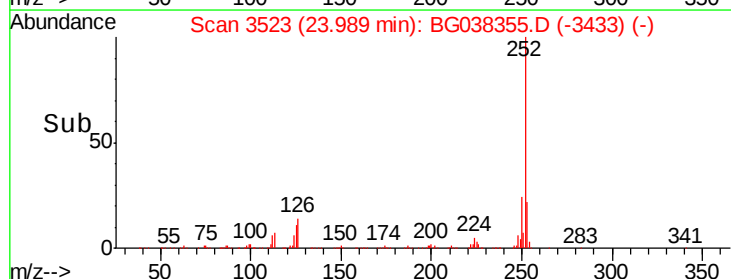
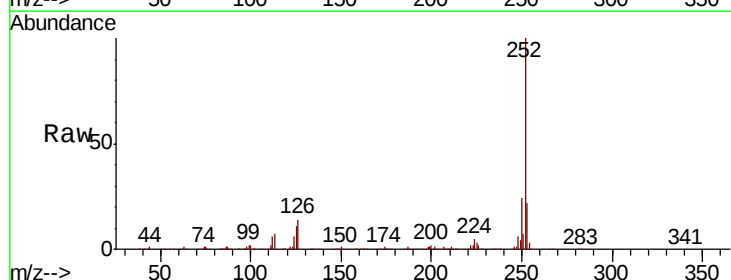
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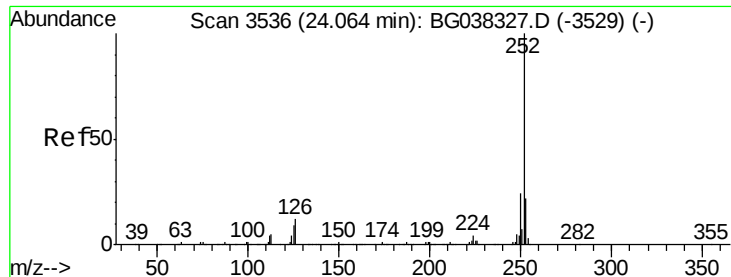
mohammad
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#88
Benzo(b)fluoranthene
Concen: 62.839 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	11.1	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 58.428 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

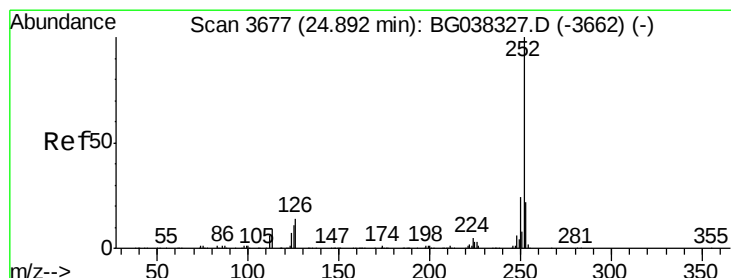
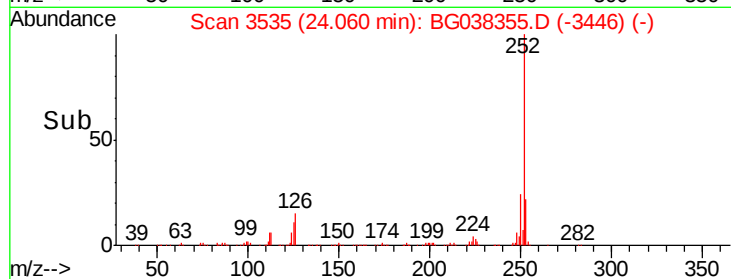
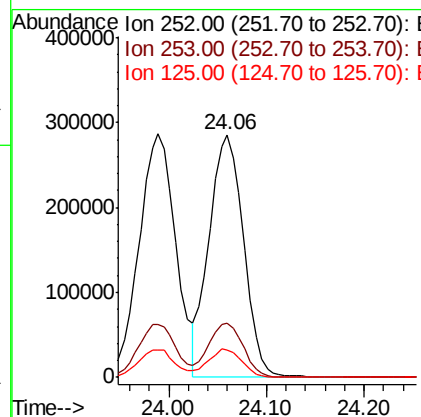
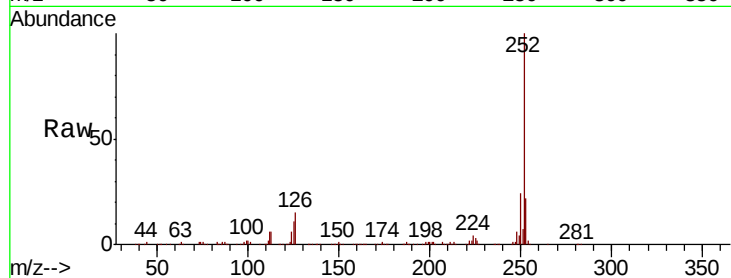
ClientSampleId :

JC-02-113018-AMSD

Tot Ion:	252	Resp:	695812
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	11.0	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 56.917 ng

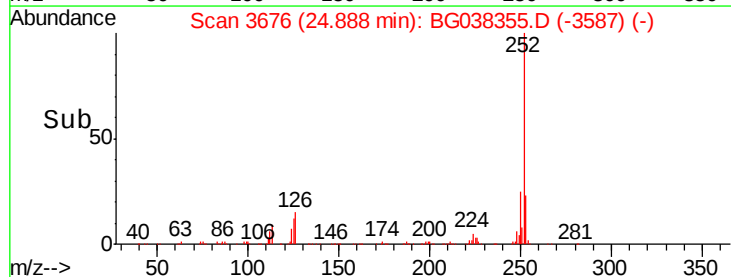
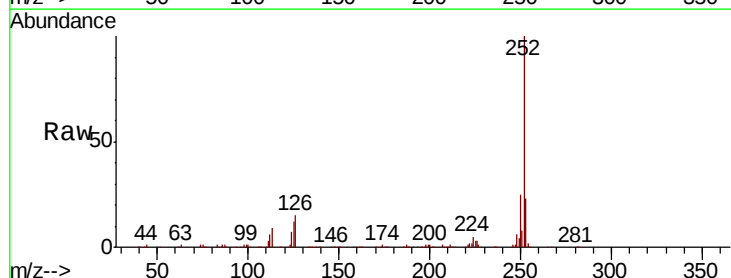
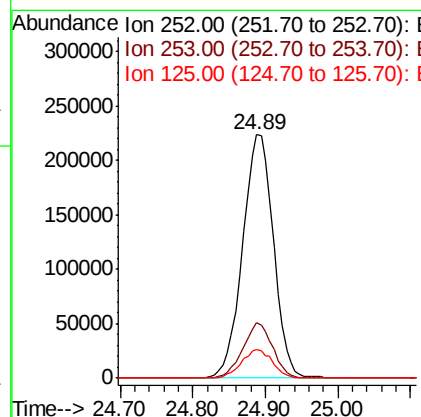
RT: 24.89 min Scan# 3676

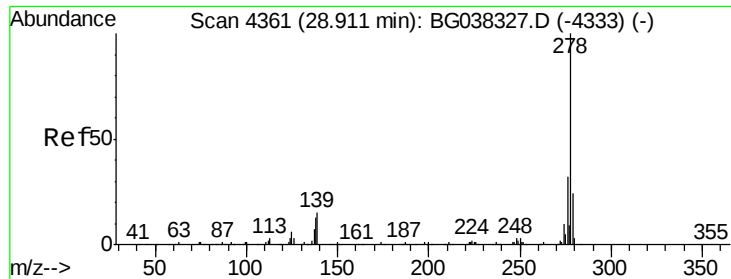
Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:	252	Resp:	660141
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.2
125	11.7	9.0	13.6





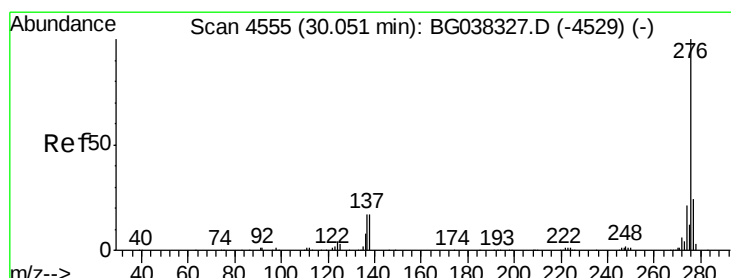
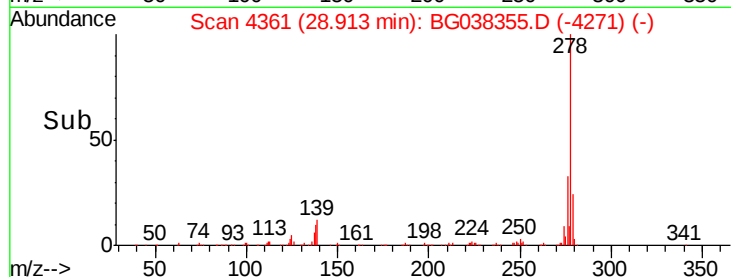
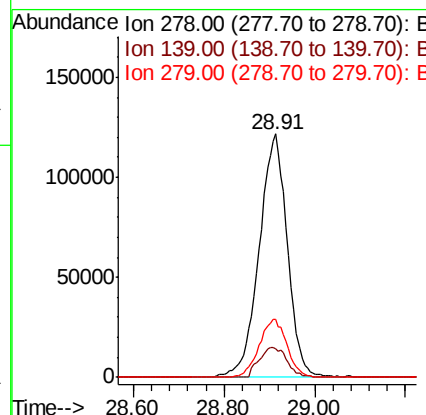
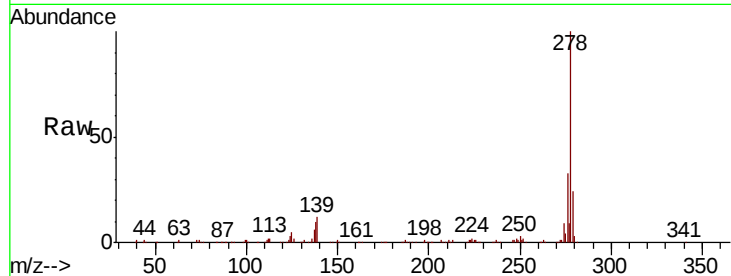
#91
Dibenzo(a,h)anthracene
Concen: 47.722 ng
RT: 28.91 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	11.5	17.3
279	24.0	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/6/2018 10:33:28 AM



#92
Benzo(g,h,i)perylene
Concen: 48.333 ng
RT: 30.05 min Scan# 4554
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	16.3	17.2	25.8#

