

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
 Data File : BG038381.D
 Acq On : 6 Dec 2018 12:52
 Operator : JU/SJ
 Sample : PB115178BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Manual Integrations
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 12/7/2018 12:20:51 PM

Quant Time: Dec 06 14:31:33 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	27563	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	211721	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	82994	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	205240	20.00	ng	0.00
76) Chrysene-d12	21.74	240	197152	20.00	ng	0.00
87) Perylene-d12	25.04	264	172003	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	244240	156.81	ng	0.00
7) Phenol-d6	7.22	99	490203	217.75	ng	0.00
23) Nitrobenzene-d5	9.25	82	154636	36.26	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	145328	142.64	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	581637	99.86	ng	0.00
79) Terphenyl-d14	20.05	244	664430	72.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	22850	32.009	ng	# 86
3) Pyridine	3.91	79	94502	44.250	ng	99
4) n-Nitrosodimethylamine	3.82	42	51262	54.798	ng	96
6) Aniline	7.40	93	113650	39.527	ng	98
8) 2-Chlorophenol	7.63	128	93743	51.823	ng	97
9) Benzaldehyde	7.21	77	36870	25.864	ng	98
10) Phenol	7.25	94	139232	58.537	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	94197	48.356	ng	96
12) 1,3-Dichlorobenzene	7.95	146	88565	41.891	ng	98
13) 1,4-Dichlorobenzene	8.11	146	88102	40.276	ng	98
14) 1,2-Dichlorobenzene	8.42	146	83203	41.637	ng	98
15) Benzyl Alcohol	8.31	79	85301	46.089	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	188572	42.559	ng	98
17) 2-Methylphenol	8.51	107	77572	47.712	ng	89
18) Hexachloroethane	9.15	117	33495	42.425	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	68889	41.973	ng	92
20) 3+4-Methylphenols	8.84	107	108704	45.365	ng	97
22) Acetophenone	8.90	105	128804	24.174	ng	# 96
24) Nitrobenzene	9.29	77	104237	24.059	ng	94
25) Isophorone	9.80	82	224667	29.979	ng	98
26) 2-Nitrophenol	10.00	139	70484	35.110	ng	94
27) 2,4-Dimethylphenol	10.05	122	121550	42.155	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	179785	41.847	ng	97
29) 2,4-Dichlorophenol	10.53	162	160501	48.763	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	156708	40.558	ng	98
31) Naphthalene	10.94	128	481799	47.640	ng	99
32) Benzoic acid	10.19	122	68197	34.771	ng	93
33) 4-Chloroaniline	11.06	127	119312	26.650	ng	96
34) Hexachlorobutadiene	11.20	225	85642	35.430	ng	98
35) Caprolactam	11.84	113	62445m	45.877	ng	
36) 4-Chloro-3-methylphenol	12.16	107	177111	48.430	ng	97
37) 2-Methylnaphthalene	12.54	142	359746	49.949	ng	98
38) 1-Methylnaphthalene	12.76	142	344359	49.921	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	171462	60.040	ng	99

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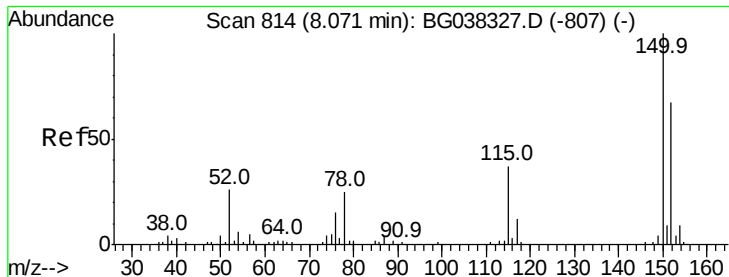
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Quant Time: Dec 06 14:31:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	176382	112.389	nq	99
43) 2,4,6-Trichlorophenol	13.14	196	129183	69.830	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	139101	70.977	nq	99
46) 1,1'-Biphenyl	13.54	154	453530	64.648	nq	99
47) 2-Chloronaphthalene	13.59	162	352679	66.621	nq	99
48) 2-Nitroaniline	13.80	65	121731	68.541	nq	96
49) Acenaphthylene	14.43	152	456430	57.248	nq	100
50) Dimethylphthalate	14.16	163	446073	67.010	nq	100
51) 2,6-Dinitrotoluene	14.29	165	94752	62.311	nq	95
52) Acenaphthene	14.77	154	210640	43.337	nq	99
53) 3-Nitroaniline	14.62	138	55944	34.160	nq	# 99
54) 2,4-Dinitrophenol	14.83	184	87834	105.371	nq	# 84
55) Dibenzofuran	15.10	168	350074	43.566	nq	96
56) 4-Nitrophenol	14.92	139	116332	89.923	nq	83
57) 2,4-Dinitrotoluene	15.08	165	98139	46.793	nq	91
58) Fluorene	15.76	166	279094	47.145	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	81414	47.831	nq	98
60) Diethylphthalate	15.51	149	313733	42.540	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	151142	42.505	nq	100
62) 4-Nitroaniline	15.79	138	74508	46.256	nq	85
63) Azobenzene	16.03	77	280130	43.402	nq	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	59557	44.288	nq	94
66) n-Nitrosodiphenylamine	15.96	169	258805	44.843	nq	96
67) 4-Bromophenyl-phenylether	16.64	248	100956	45.550	nq	99
68) Hexachlorobenzene	16.75	284	103992	45.489	nq	98
69) Atrazine	16.90	200	100618	46.722	nq	96
70) Pentachlorophenol	17.10	266	122210	78.047	nq	92
71) Phenanthrene	17.50	178	487623	47.442	nq	98
72) Anthracene	17.59	178	497803	50.013	nq	99
73) Carbazole	17.87	167	451870	45.741	nq	99
74) Di-n-butylphthalate	18.39	149	545208	47.241	nq	98
75) Fluoranthene	19.51	202	603432	50.250	nq	97
77) Benzidine	19.69	184	163397	24.561	nq	98
78) Pyrene	19.87	202	598503	43.388	nq	97
80) Butylbenzylphthalate	20.73	149	249106	44.899	nq	96
81) Benzo(a)anthracene	21.71	228	567717	46.852	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	161174	34.193	nq	97
83) Chrysene	21.78	228	529528	46.180	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	347660	44.210	nq	99
85) Di-n-octyl phthalate	22.81	149	629516	46.687	nq	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	646051	49.576	nq	99
88) Benzo(b)fluoranthene	23.99	252	582229	59.908	nq	98
89) Benzo(k)fluoranthene	24.05	252	537282	55.507	nq	98
90) Benzo(a)pyrene	24.89	252	546853	58.009	nq	98
91) Dibenzo(a,h)anthracene	28.91	278	537978	60.170	nq	99
92) Benzo(g,h,i)perylene	30.04	276	539403	60.807	nq	# 93

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



#1

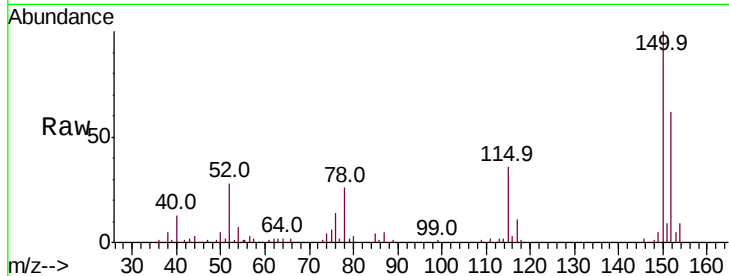
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.0	189.0
115	58.4	45.5	68.3

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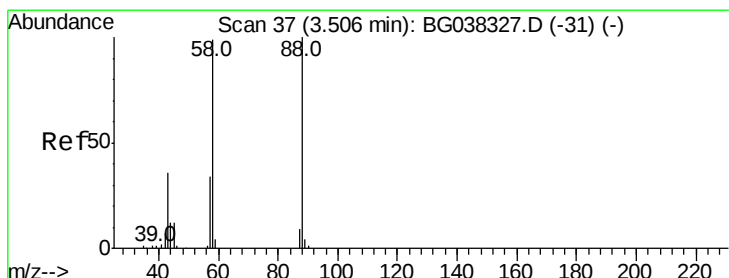
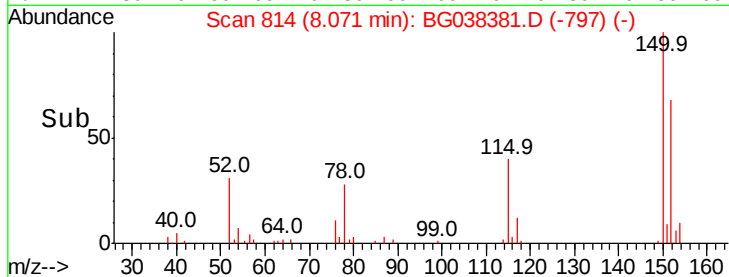
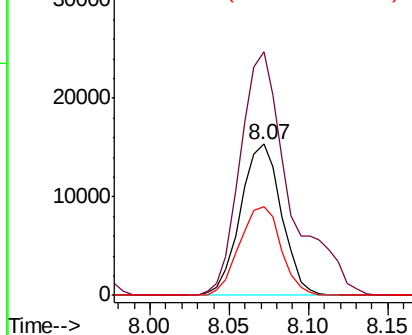


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

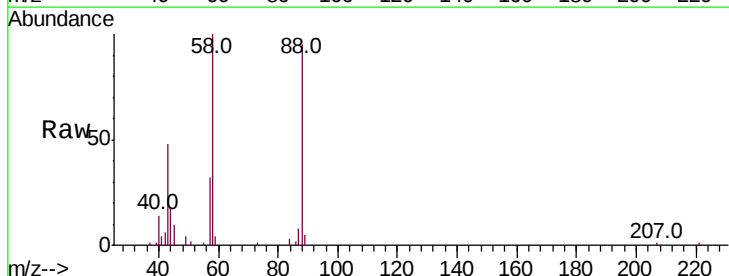
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.009 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.9	74.4	111.6
43	42.9	25.8	38.8#

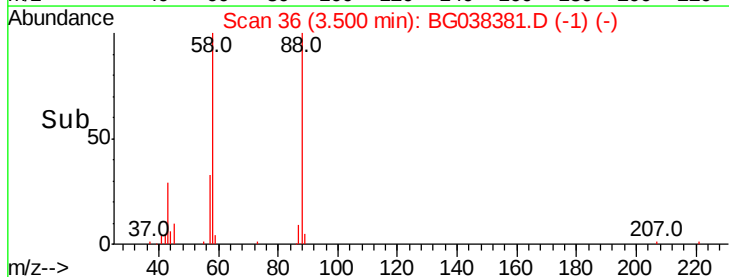
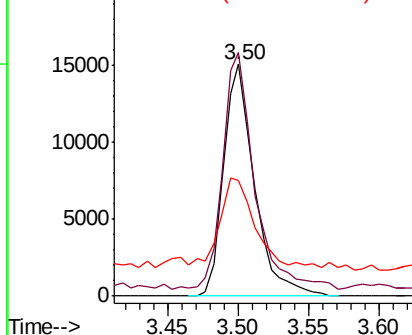


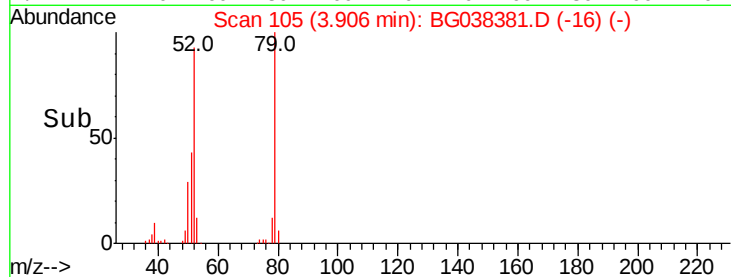
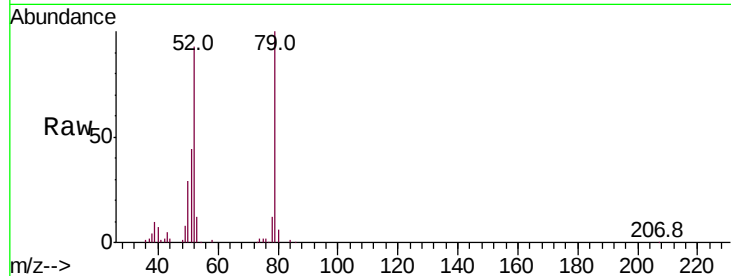
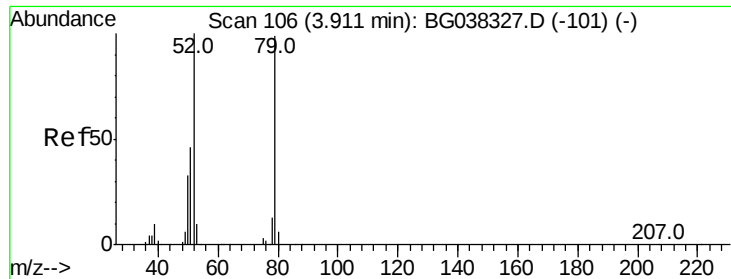
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 44.250 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038381.D

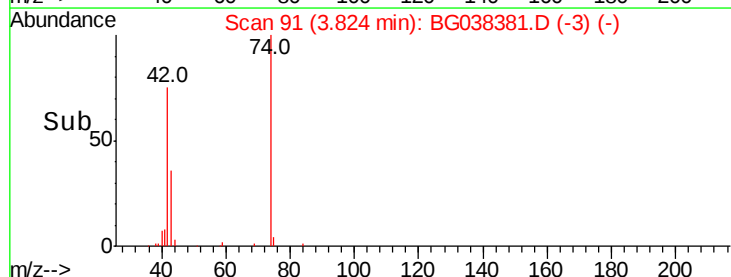
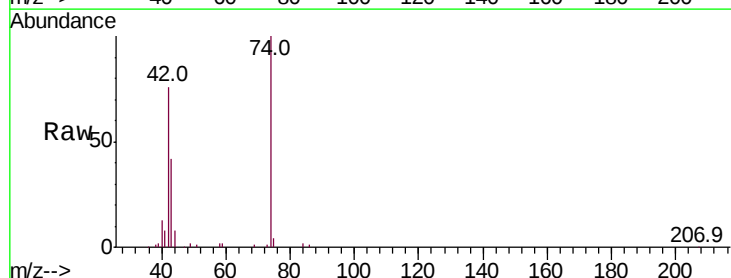
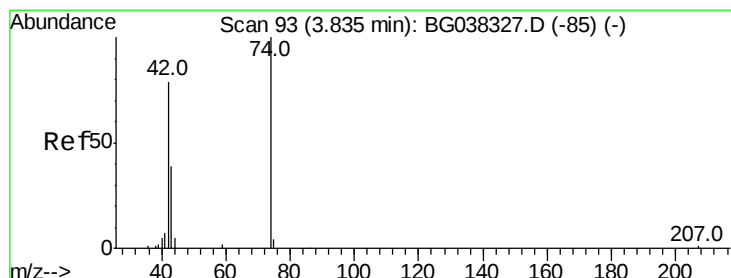
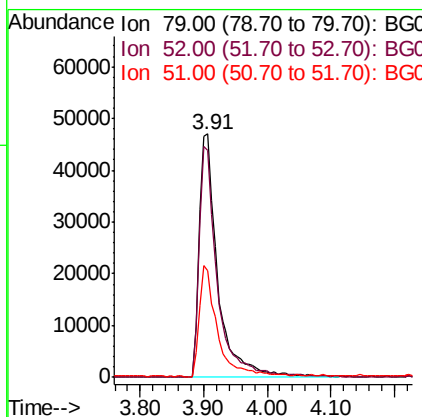
Acq: 6 Dec 2018 12:52

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.5	74.2	111.2
51	43.9	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 54.798 ng

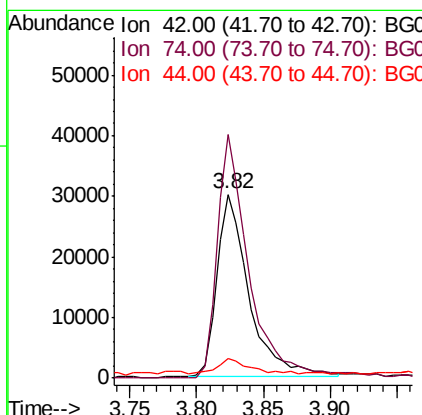
RT: 3.82 min Scan# 91

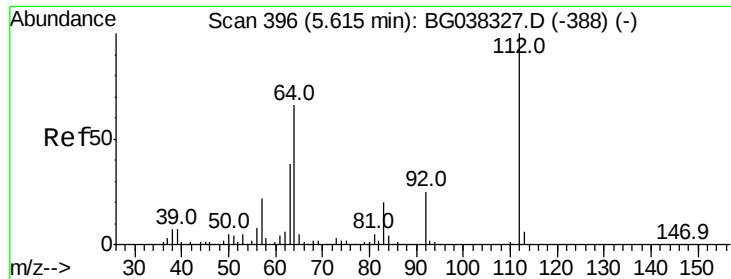
Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.4	102.0	153.0
44	10.4	9.6	14.4





#5

2-Fluorophenol

Concen: 156.811 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

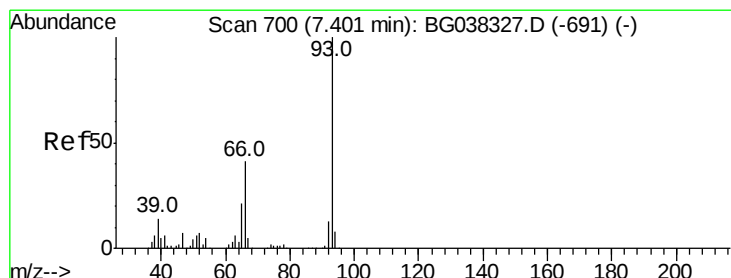
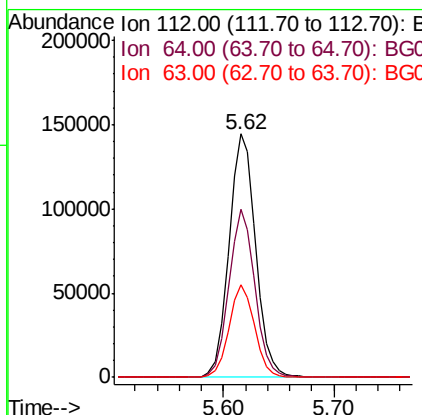
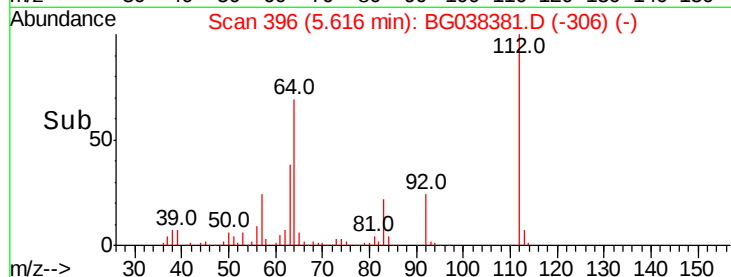
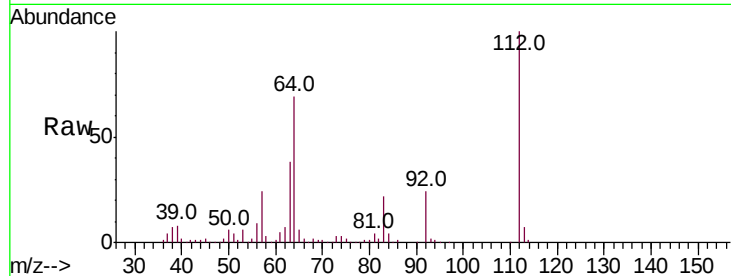
ClientSampleId :

PB115178BS

Tot Ion:	112	Resp:	244240
Ion Ratio	Lower	Upper	
112	100		
64	68.8	53.1	79.7
63	38.2	27.3	40.9

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#6

Aniline

Concen: 39.527 ng

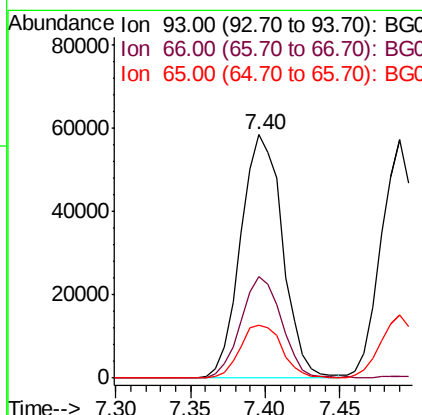
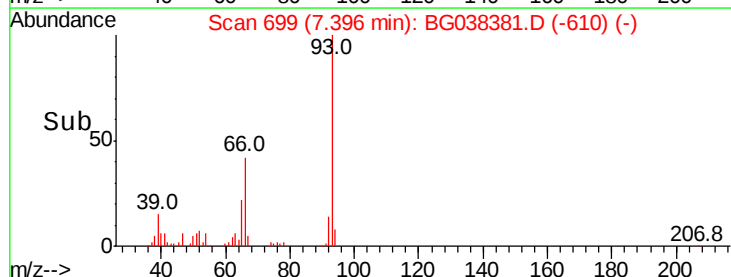
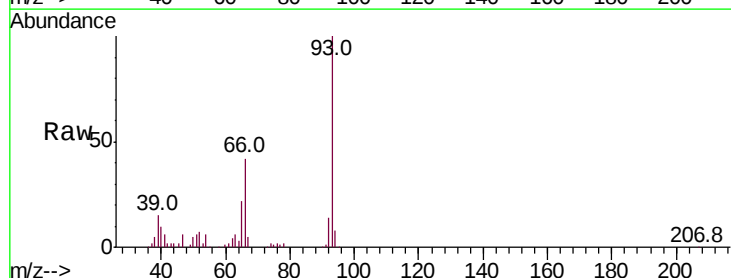
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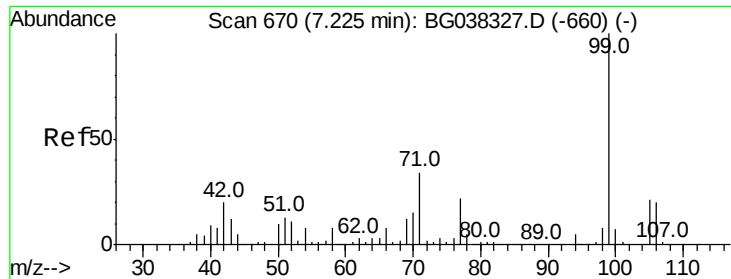
Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:	93	Resp:	113650
Ion Ratio	Lower	Upper	
93	100		
66	41.7	32.8	49.2
65	21.9	16.4	24.6





#7

Phenol-d6

Concen: 217.754 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

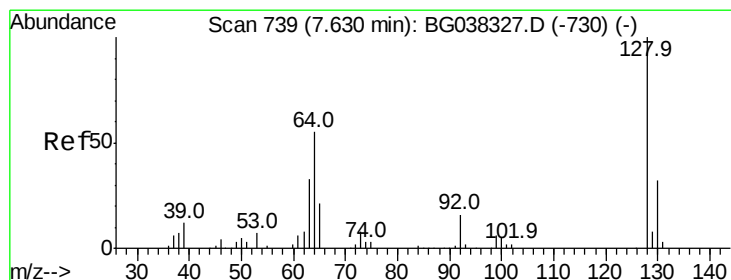
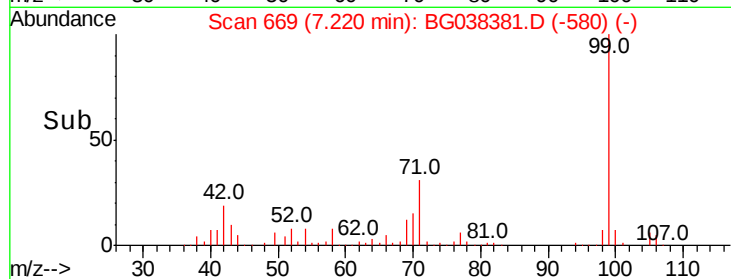
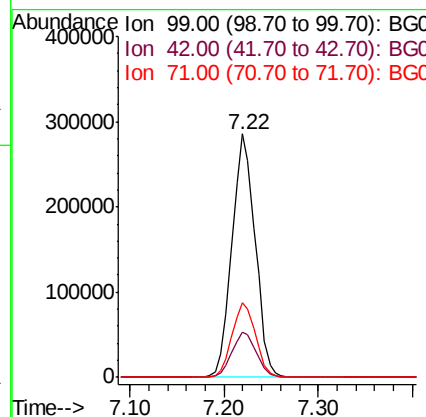
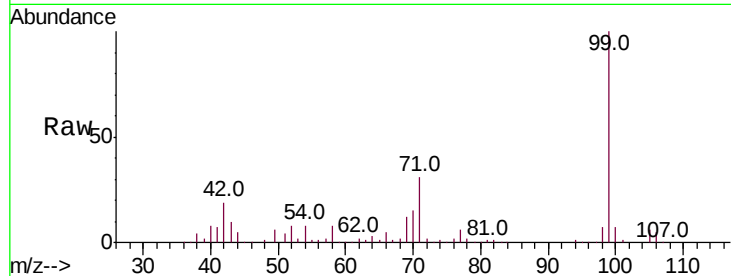
ClientSampleId :

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Tot Ion:	99	Resp:	490203
Ion Ratio	Lower	Upper	
99	100		
42	18.7	15.0	22.4
71	30.7	25.5	38.3

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#8

2-Chlorophenol

Concen: 51.823 ng

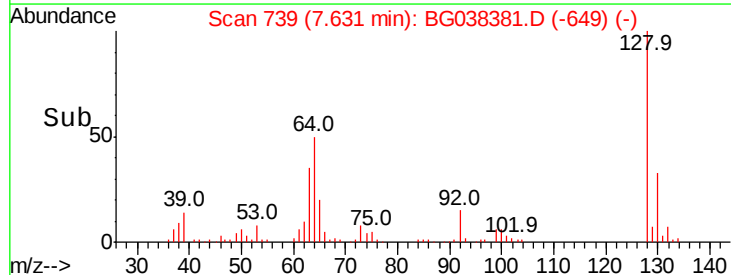
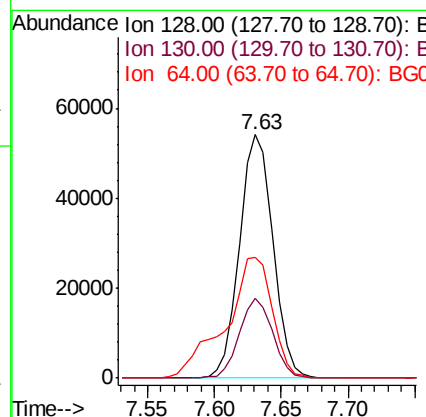
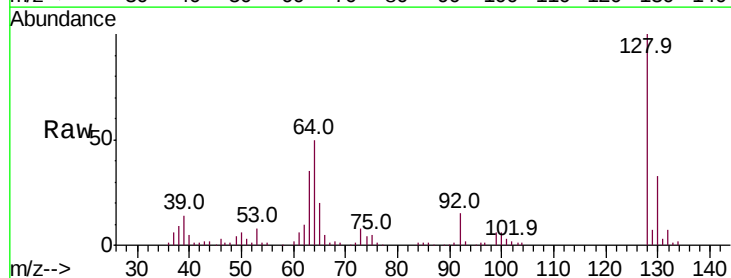
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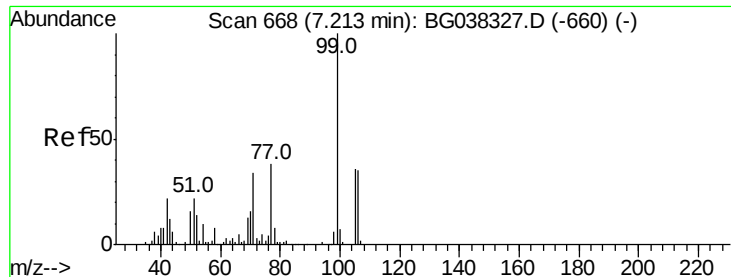
Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:	128	Resp:	93743
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.0	52.0
64	49.8	32.9	72.9





#9

Benzaldehyde

Concen: 25.864 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

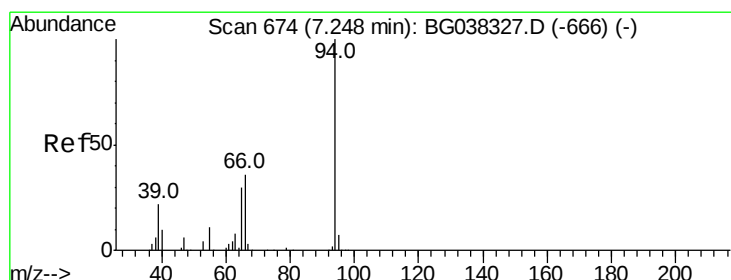
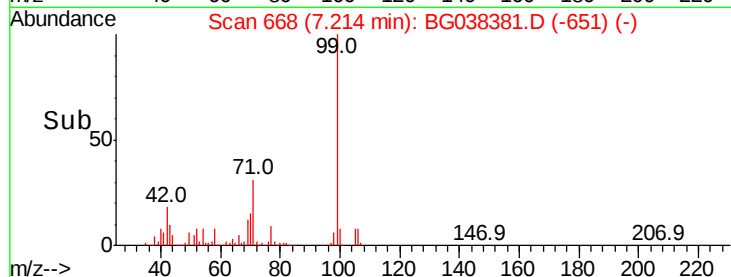
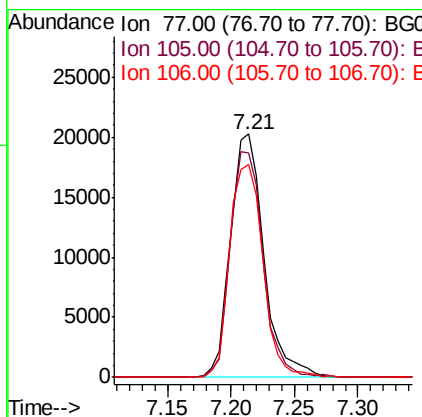
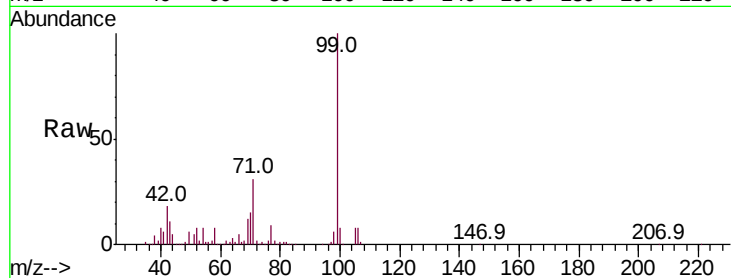
ClientSampleId :

PB115178BS

Tot Ion	77	Resp	36870
Ion	Ratio	Lower	Upper
77	100		
105	92.4	72.6	112.6
106	87.4	71.3	111.3

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#10

Phenol

Concen: 58.537 ng

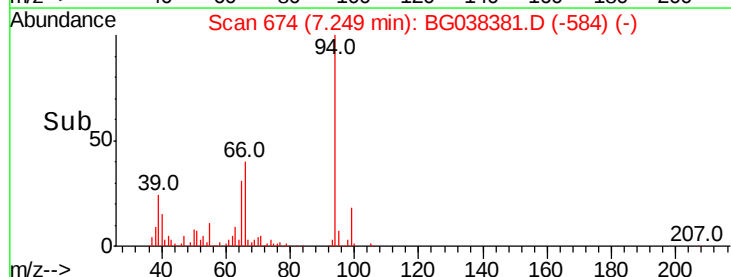
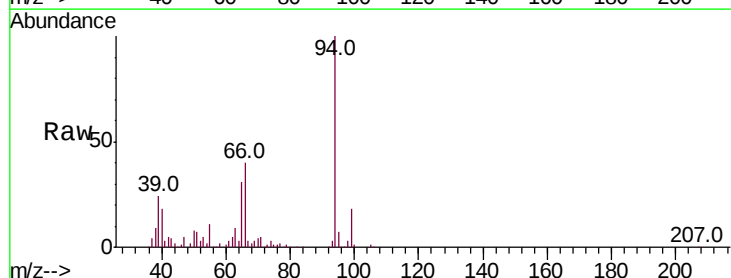
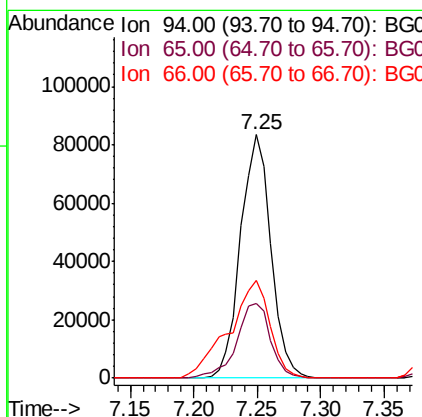
RT: 7.25 min Scan# 674

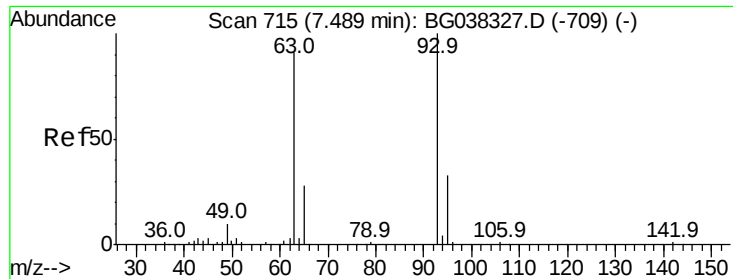
Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion	94	Resp	139232
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.7	49.7
66	40.3	15.9	55.9





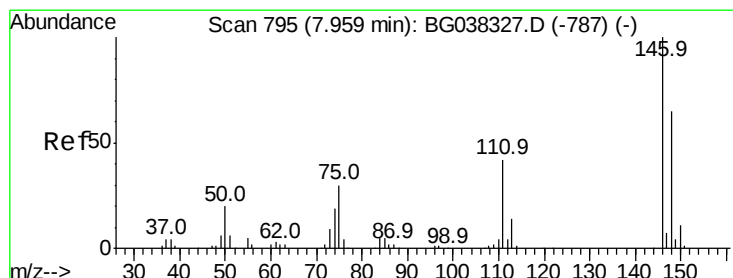
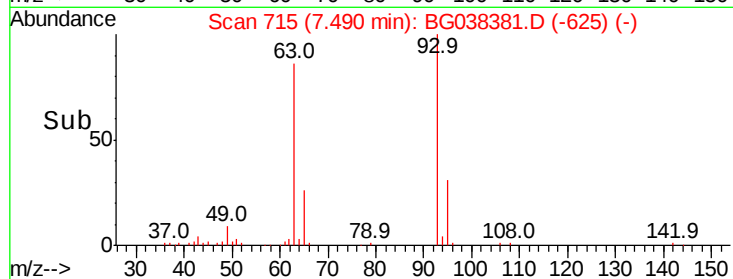
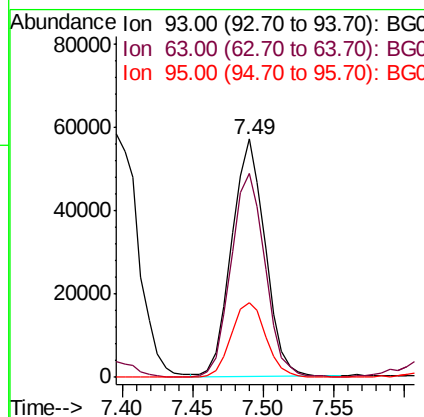
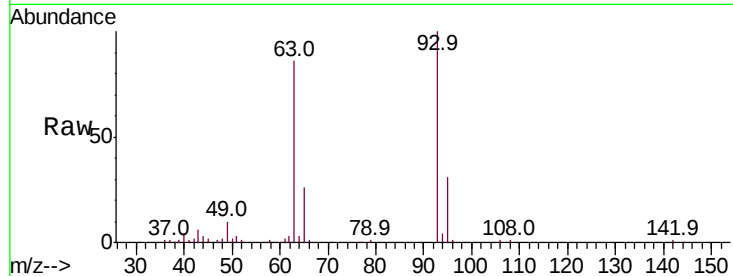
#11
bis(2-Chloroethyl)ether
Concen: 48.356 ng
RT: 7.49 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.8	69.5	109.5
95	31.1	12.6	52.6

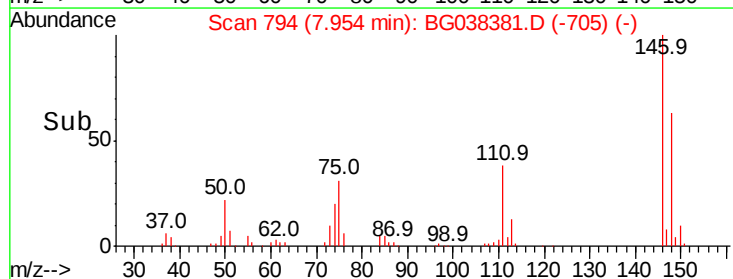
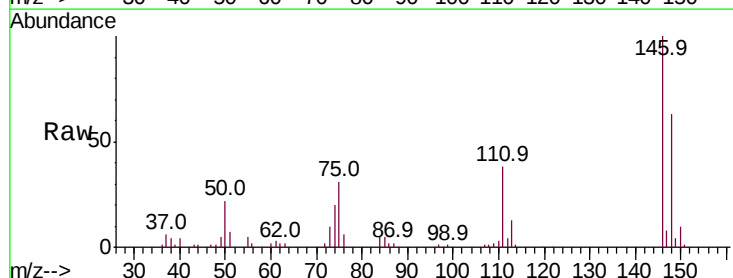
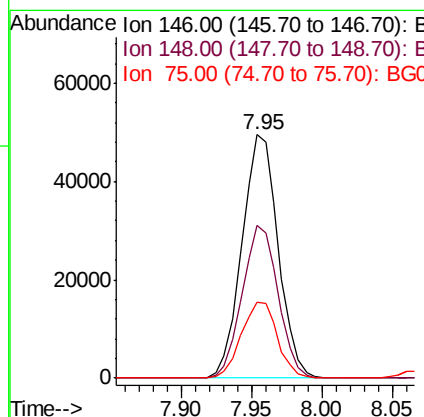
Manual Integrations
APPROVED

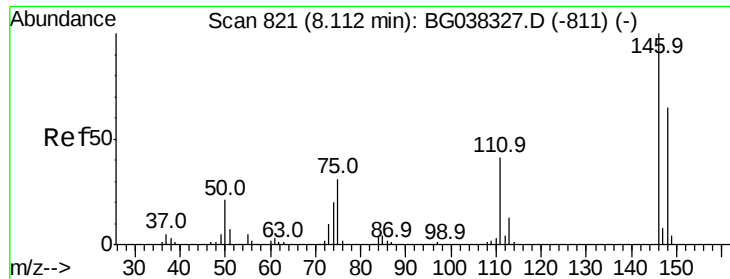
mohammad
12/7/2018 12:20:51 PM



#12
1,3-Dichlorobenzene
Concen: 41.891 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	49.8	74.8
75	31.4	23.2	34.8





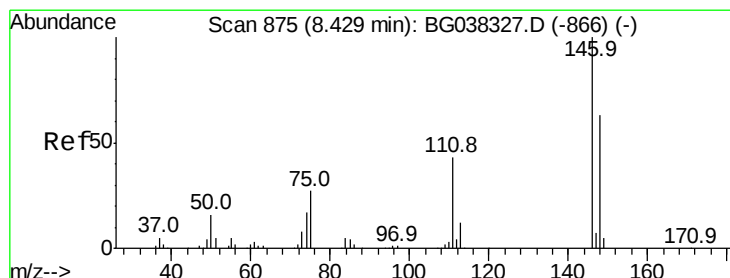
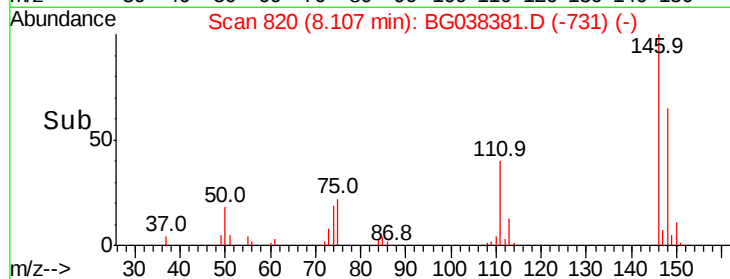
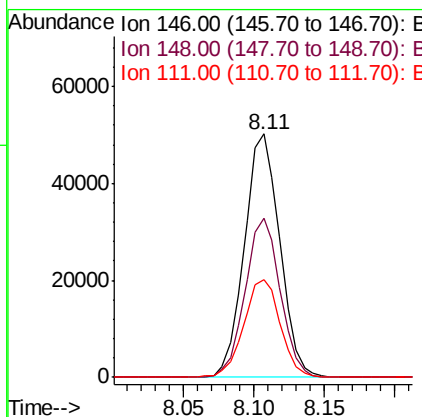
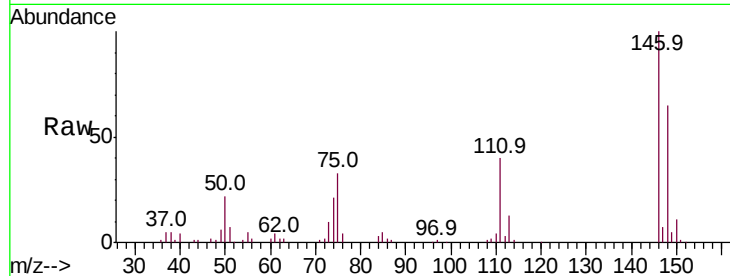
#13
 1,4-Dichlorobenzene
 Concen: 40.276 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.0	76.6
111	40.0	32.4	48.6

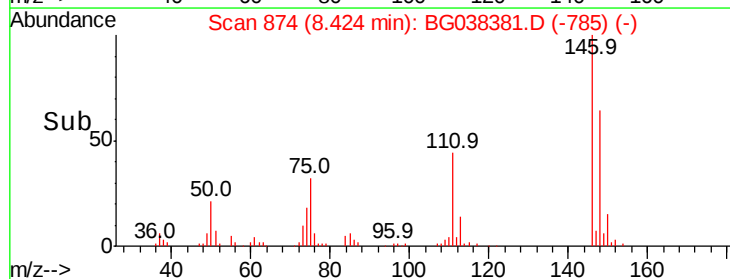
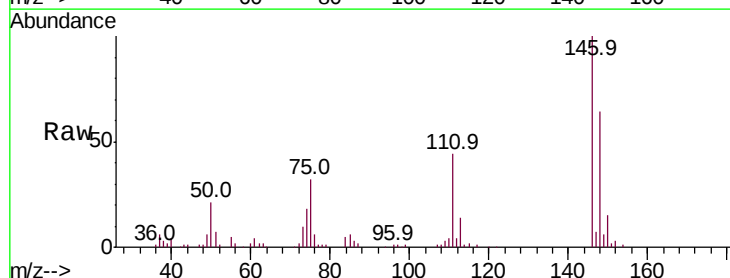
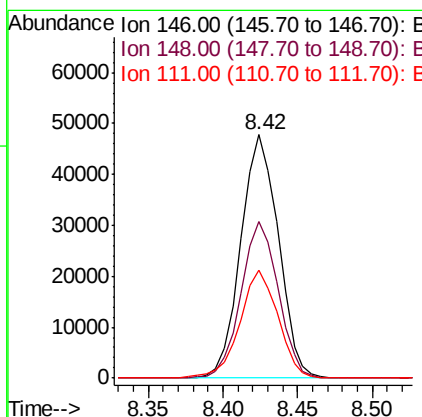
Manual Integrations
 APPROVED

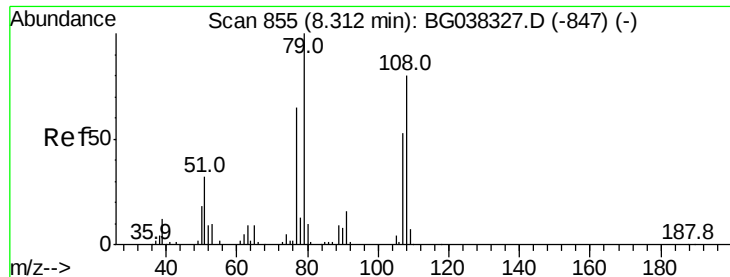
mohammad
 12/7/2018 12:20:51 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.637 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.4	75.6
111	44.2	34.6	51.8





#15

Benzyl Alcohol

Concen: 46.089 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

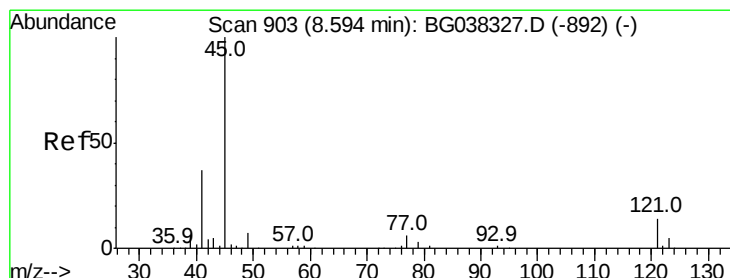
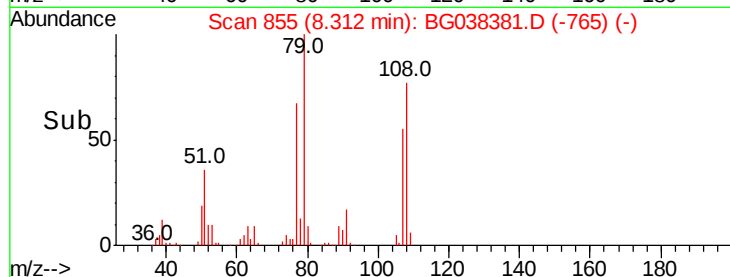
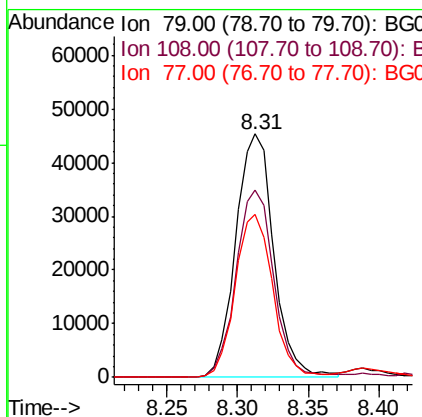
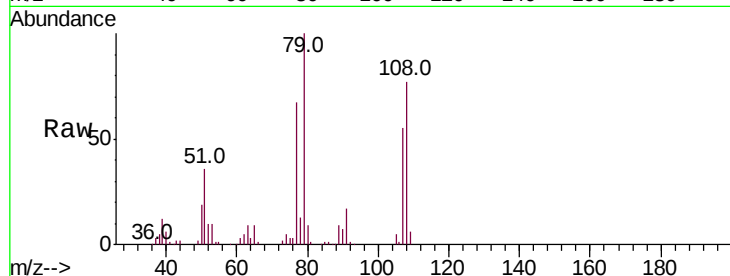
ClientSampleId :

PB115178BS

Tot Ion:	79	Resp:	85301
Ion Ratio	Lower	Upper	
79	100		
108	77.0	65.8	98.8
77	67.1	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.559 ng

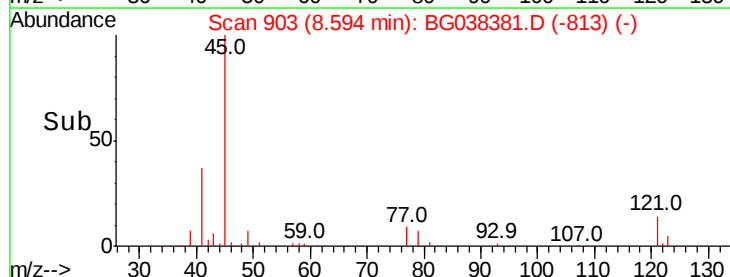
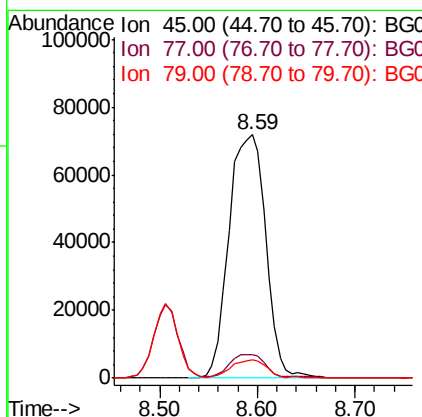
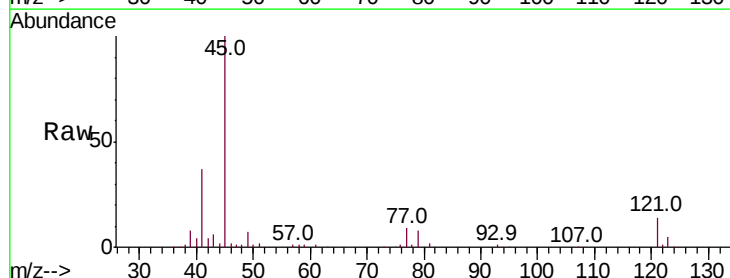
RT: 8.59 min Scan# 903

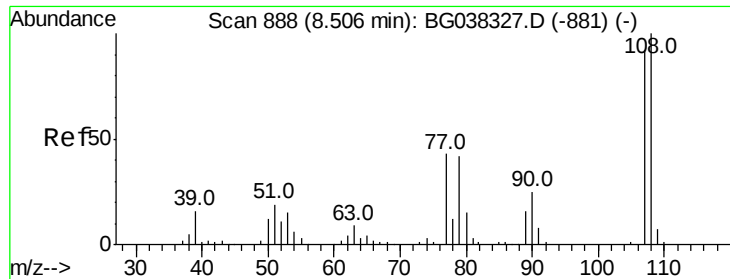
Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:	45	Resp:	188572
Ion Ratio	Lower	Upper	
45	100		
77	9.4	0.0	30.0
79	7.7	0.0	29.0





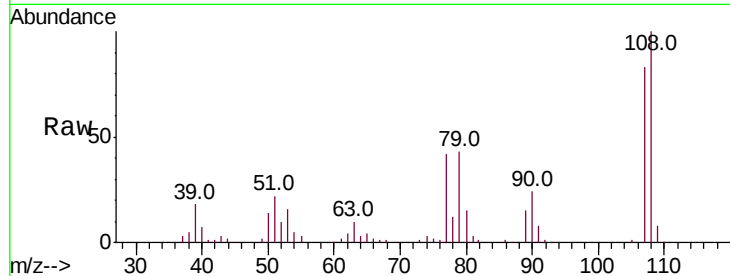
#17
2-Methylphenol
Concen: 47.712 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion:	107	Resp:	77572
Ion	Ratio	Lower	Upper
107	100		
108	119.8	87.9	131.9
77	50.9	35.1	52.7
79	51.4	34.5	51.7

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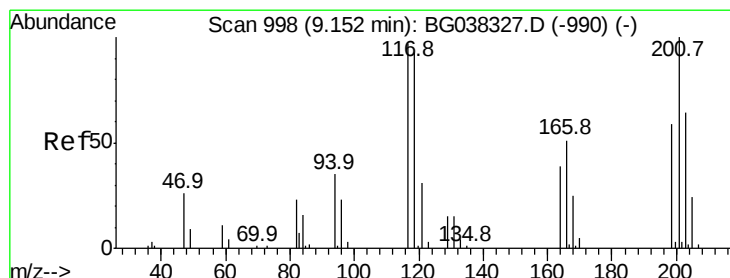
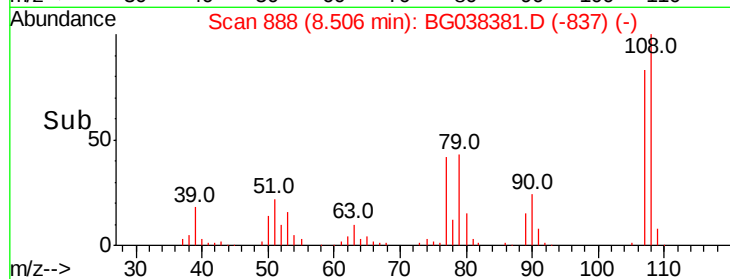
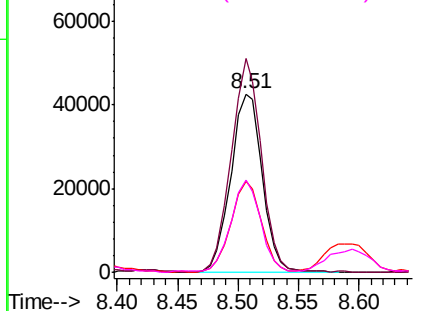
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 42.425 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

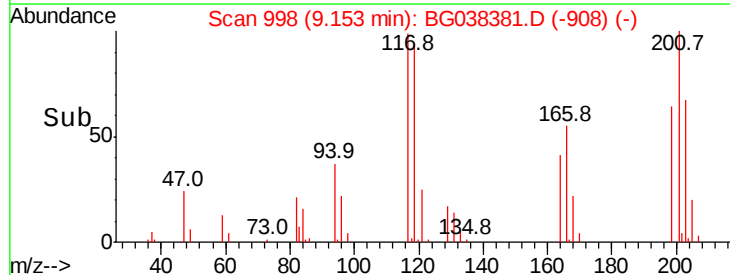
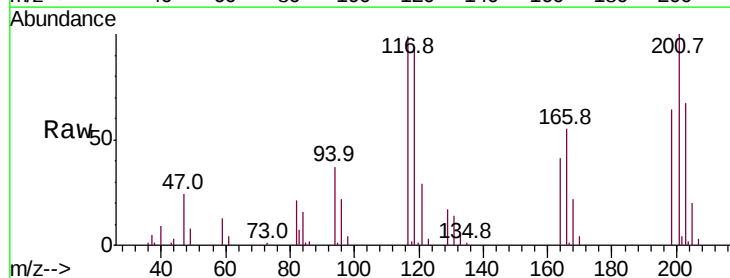
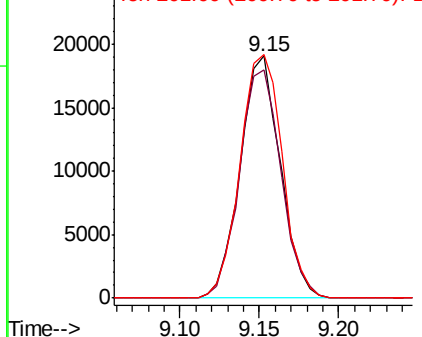
Tgt Ion:	117	Resp:	33495
Ion	Ratio	Lower	Upper
117	100		
119	94.2	74.6	111.8
201	104.8	80.8	121.2

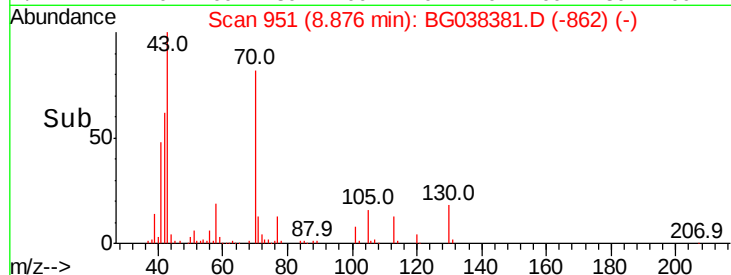
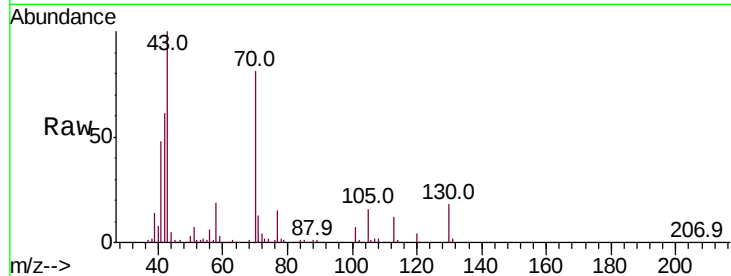
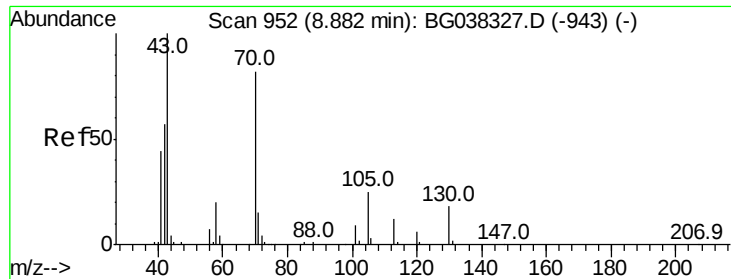
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





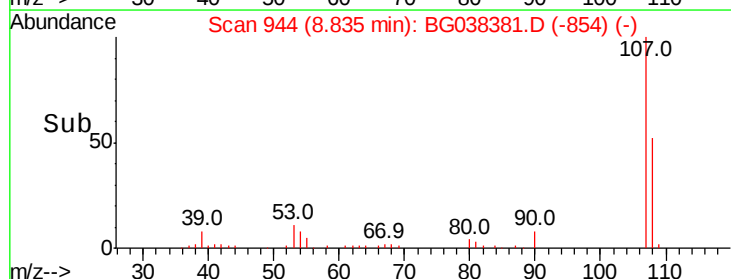
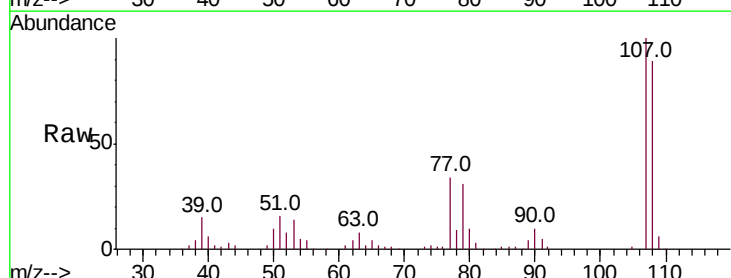
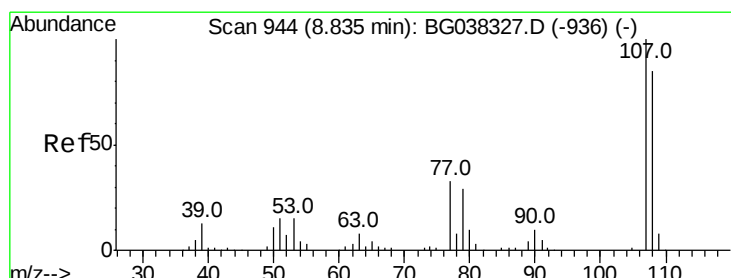
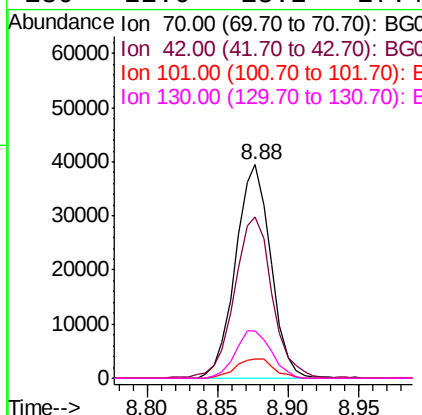
#19
n-Nitroso-di-n-propylamine
Concen: 41.973 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	75.6	53.9	80.9	
101	9.1	8.2	12.2	
130	22.0	18.2	27.4	

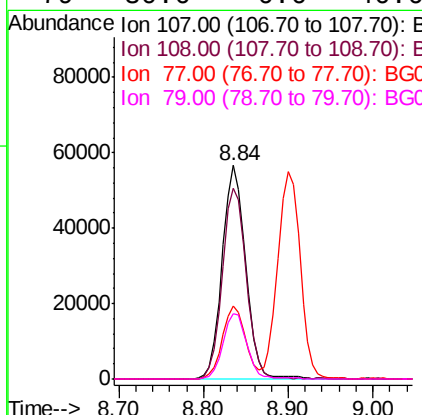
Manual Integrations
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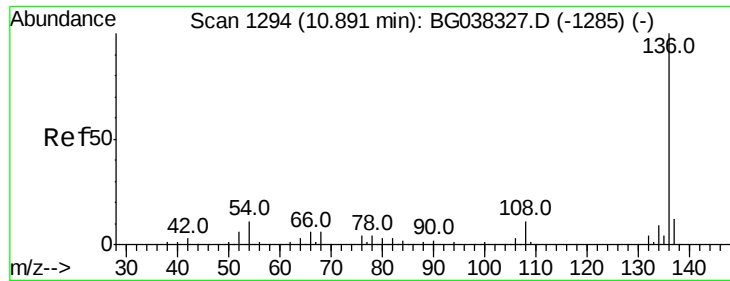
mohammad
12/7/2018 12:20:51 PM



#20
3+4-Methylphenols
Concen: 45.365 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	69.9	109.9	
77	34.5	11.2	51.2	
79	30.6	6.6	46.6	





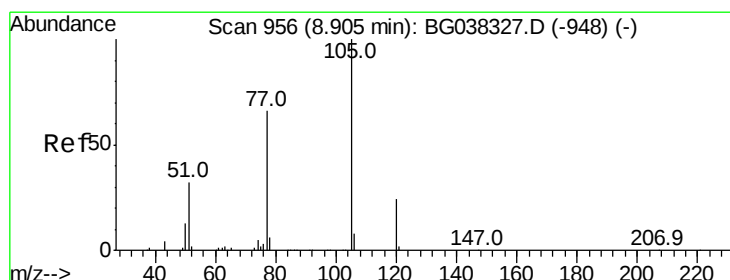
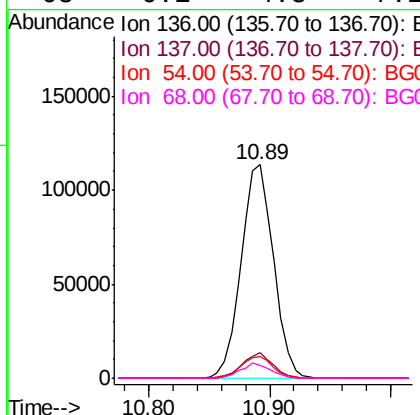
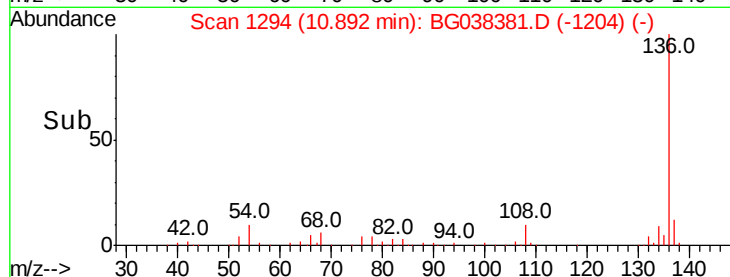
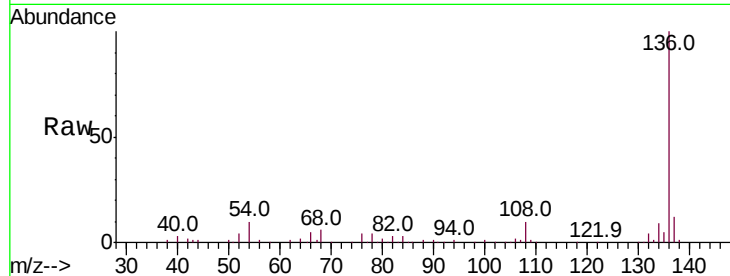
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	211721		
137	12.3		9.6	14.4
54	10.0		7.9	11.9
68	6.1		4.8	7.2

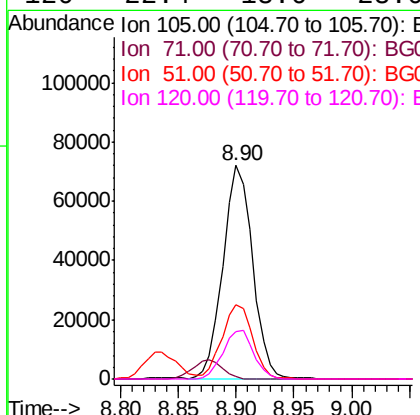
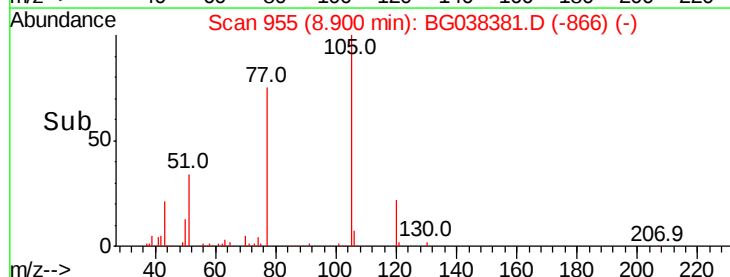
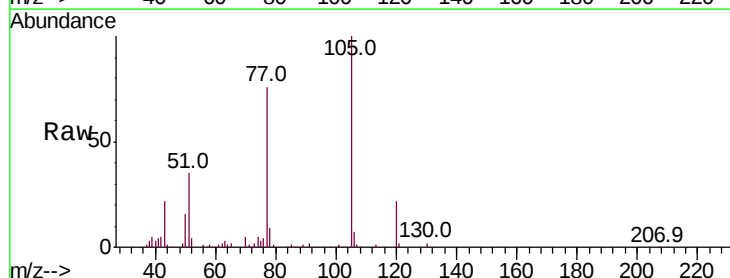
Manual Integrations
APPROVED

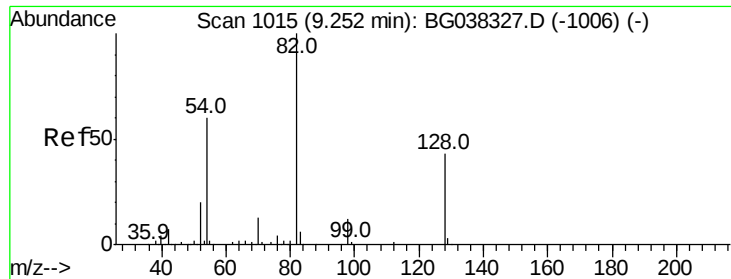
mohammad
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#22
Acetophenone
Concen: 24.174 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	128804		
71	1.1		1.2	1.8#
51	34.8		25.0	37.6
120	22.4		18.6	28.0





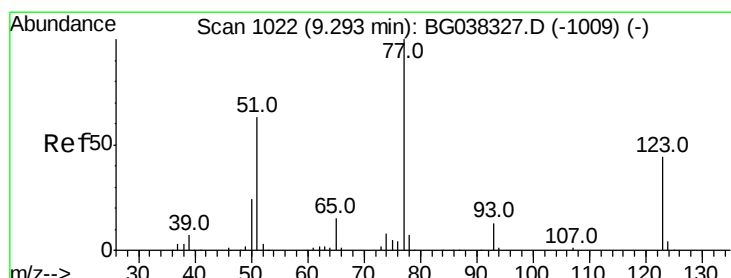
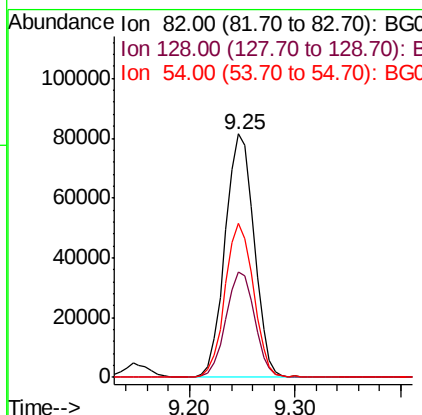
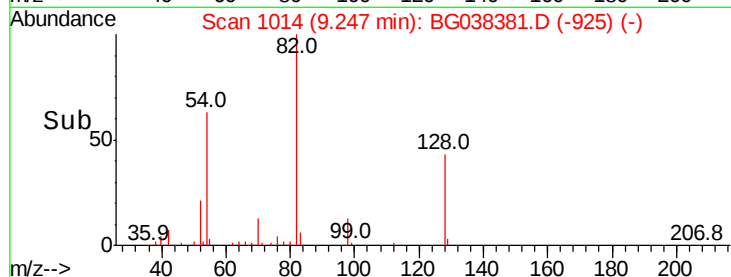
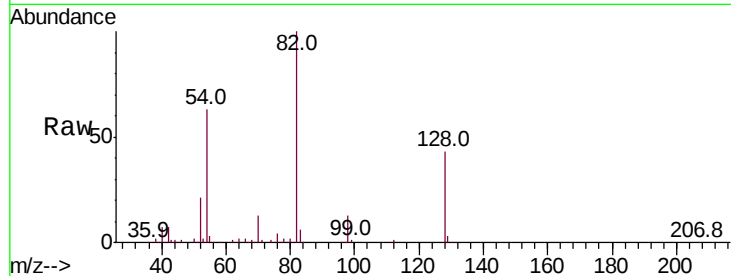
#23
Nitrobenzene-d5
Concen: 36.262 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.4	34.6	51.8	
54	63.2	45.3	67.9	

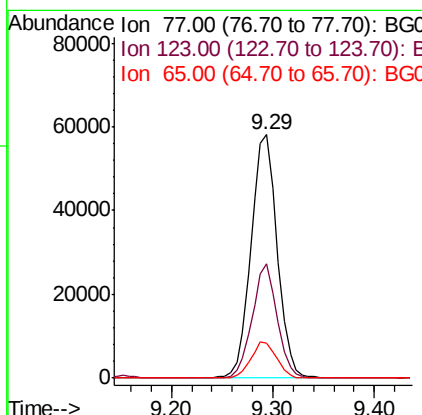
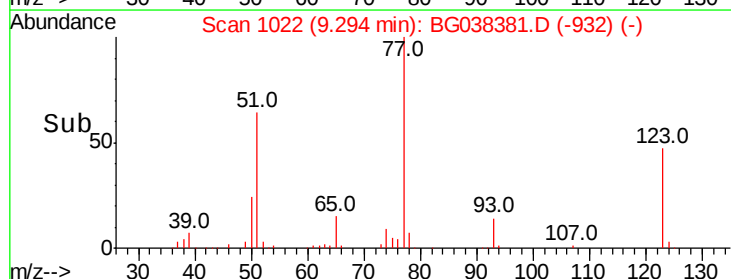
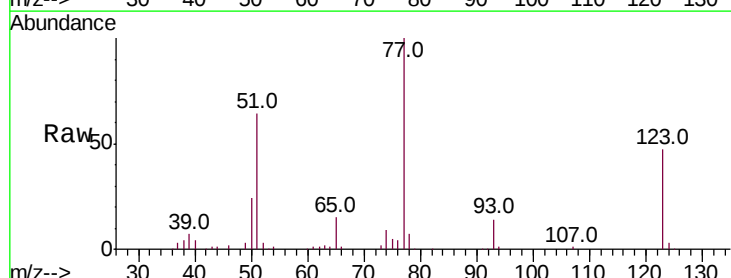
Manual Integrations
APPROVED

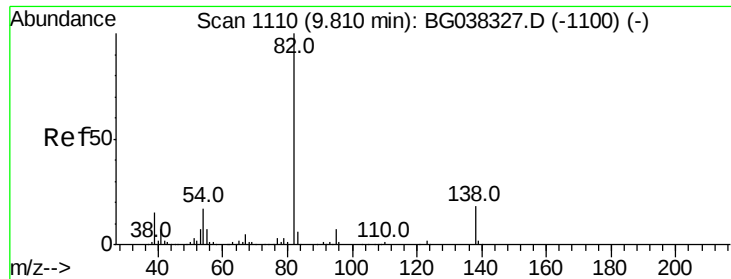
mohammad
12/7/2018 12:20:51 PM



#24
Nitrobenzene
Concen: 24.059 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.1	33.6	50.4	
65	14.6	11.3	16.9	





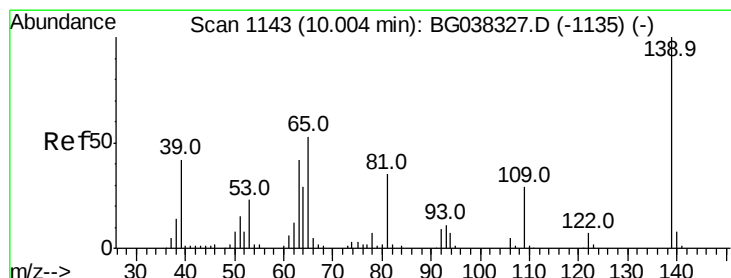
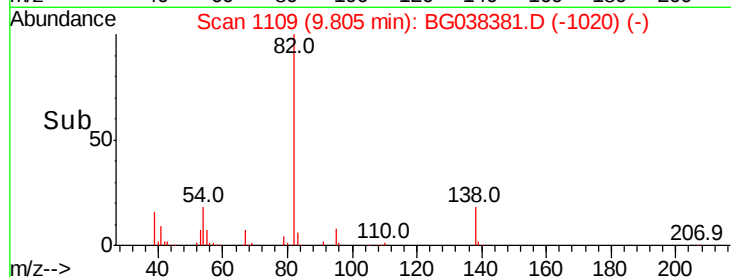
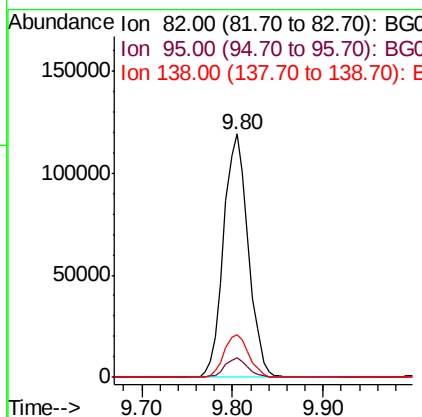
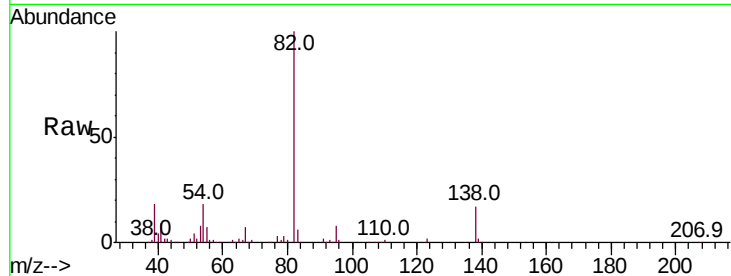
#25
Isophorone
Concen: 29.979 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	224667		
95	7.8		5.3	7.9
138	17.3		13.3	19.9

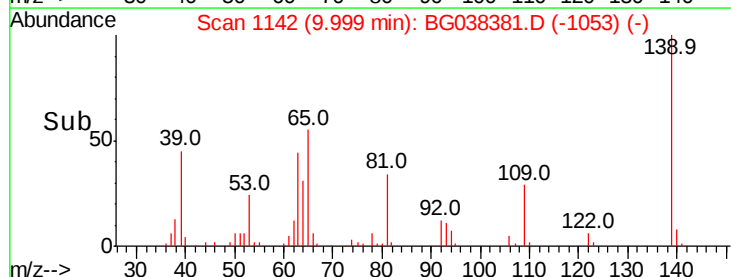
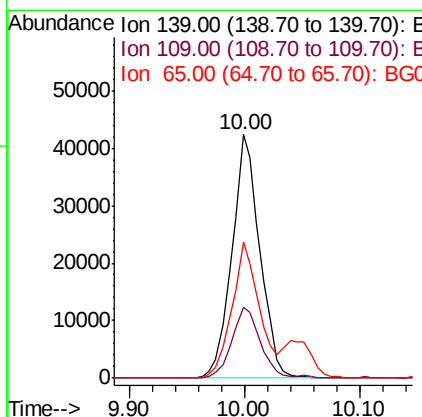
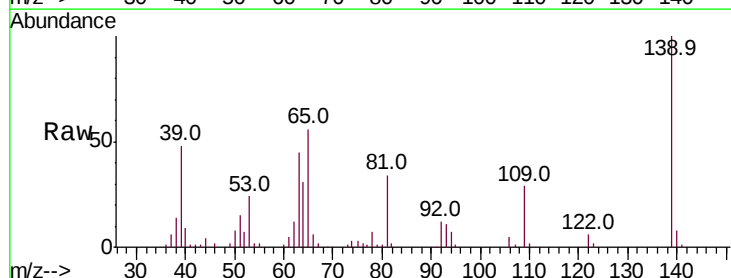
Manual Integrations
APPROVED

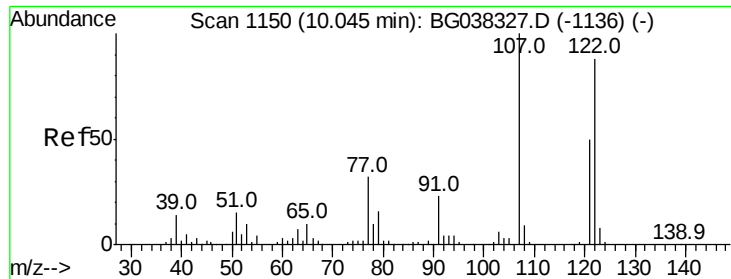
mohammad
12/7/2018 12:20:51 PM



#26
2-Nitrophenol
Concen: 35.110 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	70484		
109	29.3		23.3	34.9
65	55.7		39.8	59.8





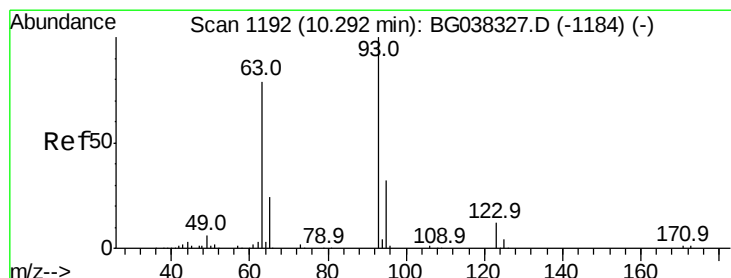
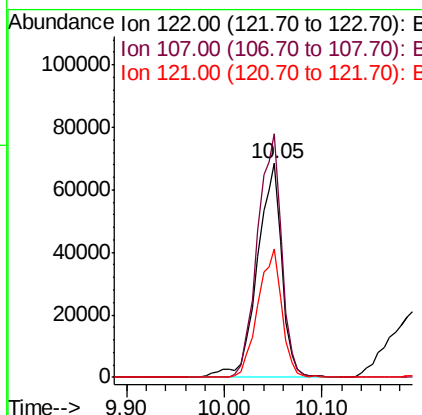
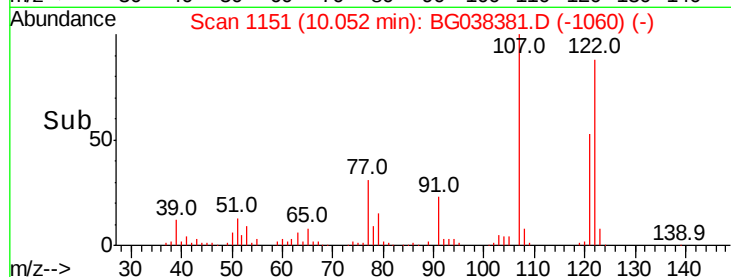
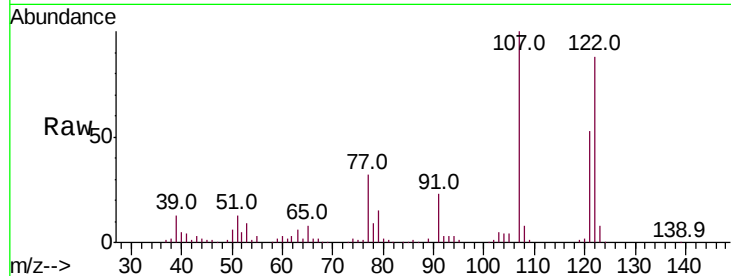
#27
2,4-Dimethylphenol
Concen: 42.155 ng
RT: 10.05 min Scan# 1151
Delta R.T. 0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampled :
PB115178BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	94.2	141.2
121	60.0	47.3	70.9

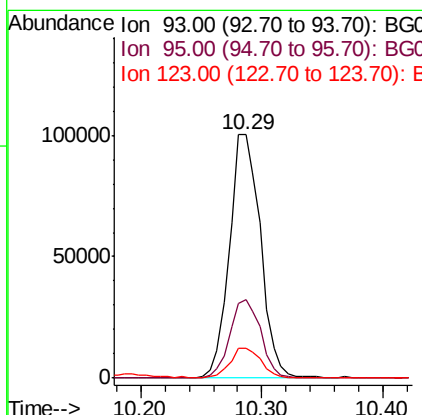
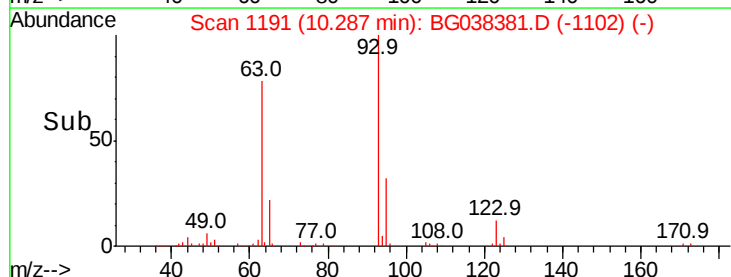
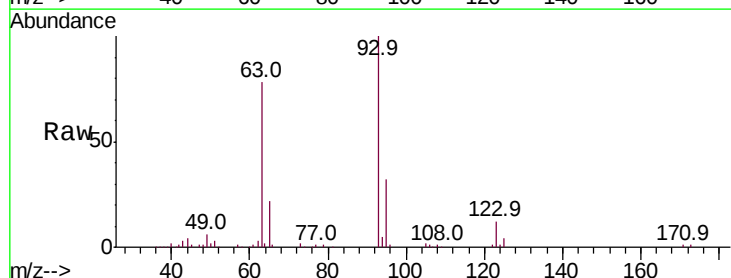
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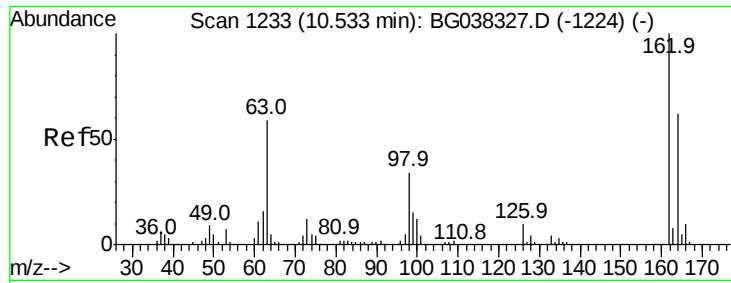
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.847 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	24.6	37.0
123	12.3	9.1	13.7





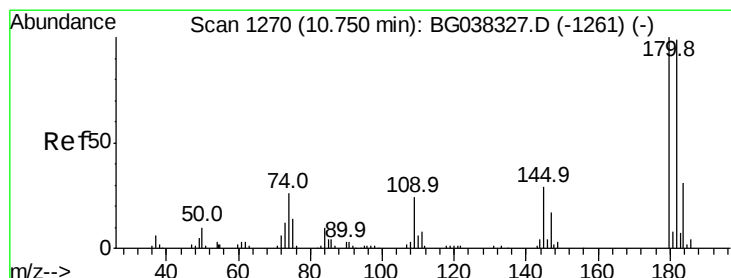
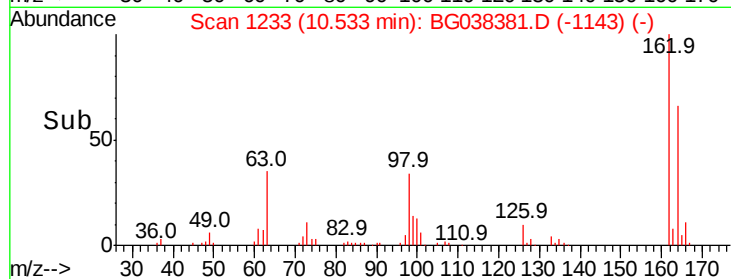
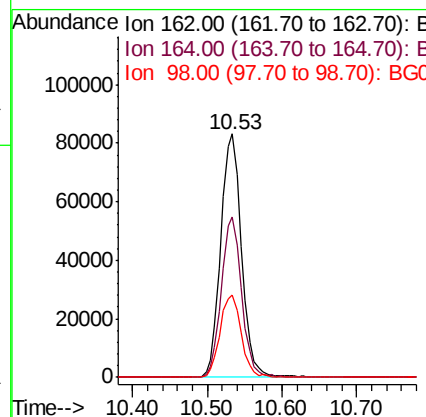
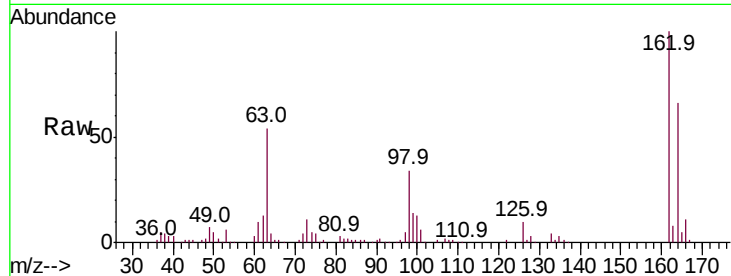
#29
 2,4-Dichlorophenol
 Concen: 48.763 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:	162	Resp:	160501
Ion Ratio	Lower	Upper	
162	100		
164	65.8	43.2	83.2
98	33.7	16.0	56.0

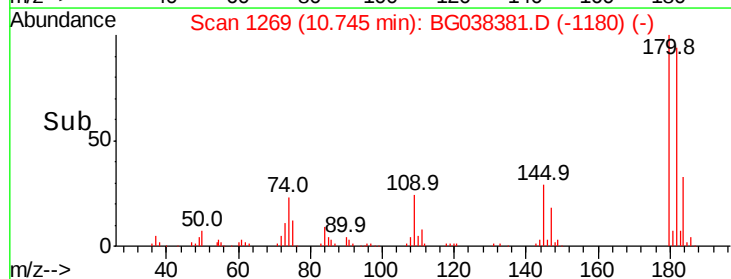
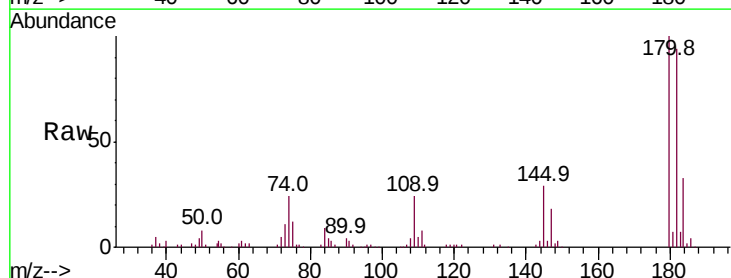
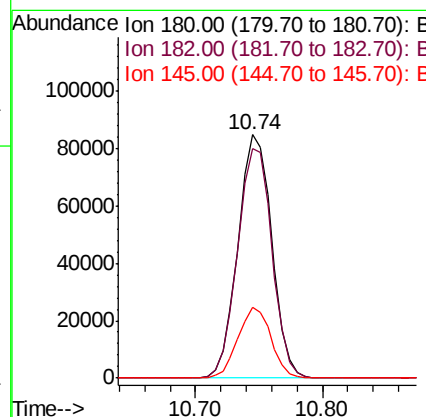
Manual Integrations
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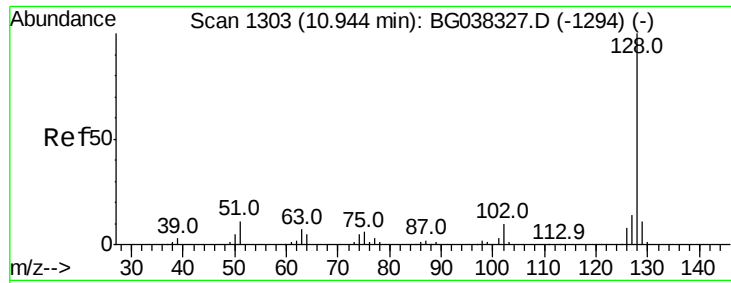
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.558 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:	180	Resp:	156708
Ion Ratio	Lower	Upper	
180	100		
182	94.3	77.7	116.5
145	29.2	23.3	34.9





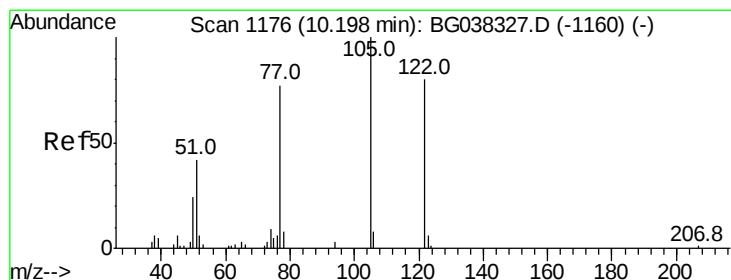
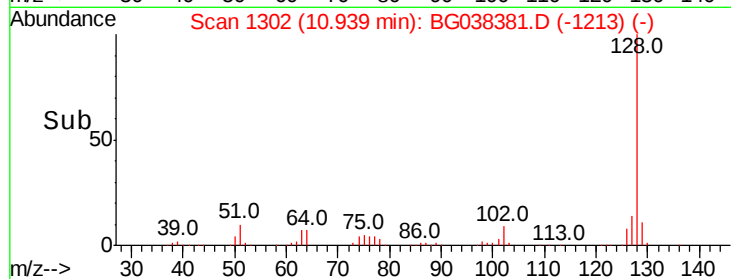
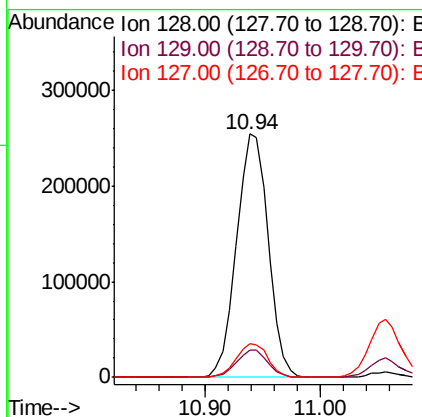
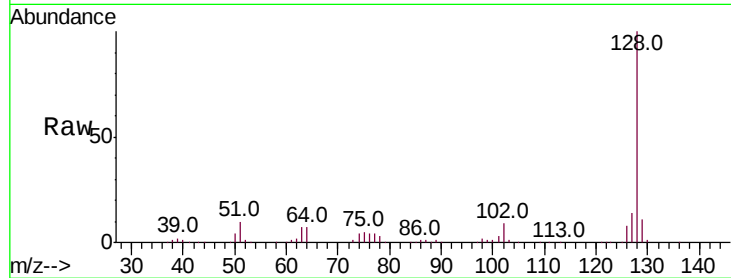
#31
Naphthalene
Concen: 47.640 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.7	11.1	16.7

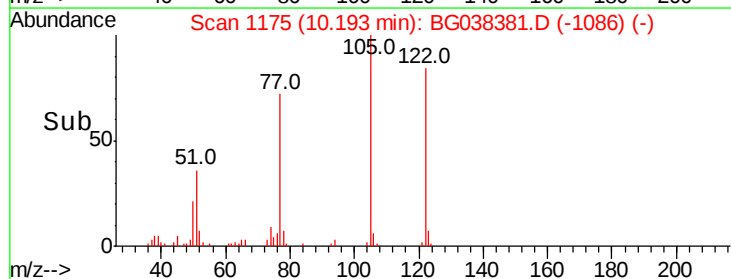
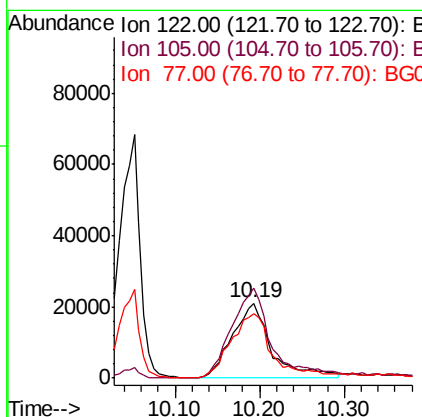
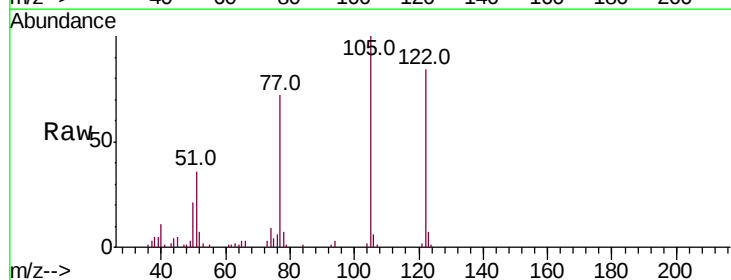
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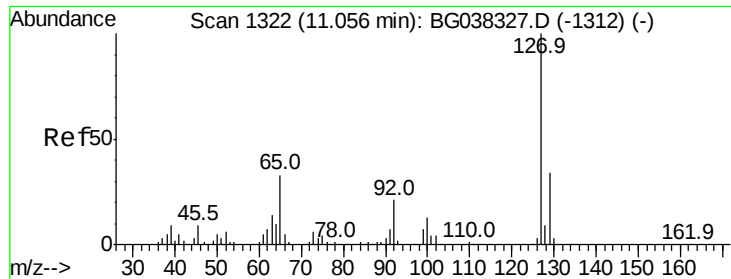
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#32
Benzoic acid
Concen: 34.771 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	106.7	146.7
77	85.7	72.2	112.2





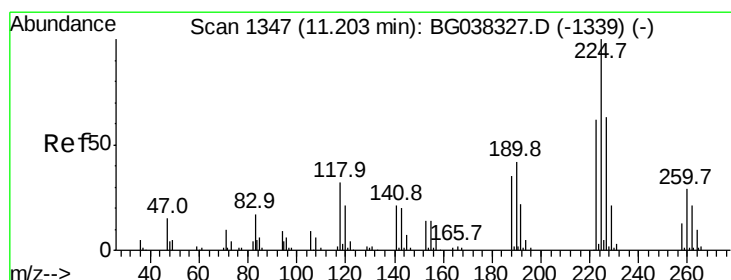
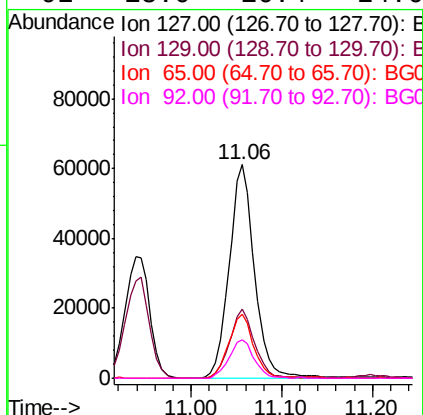
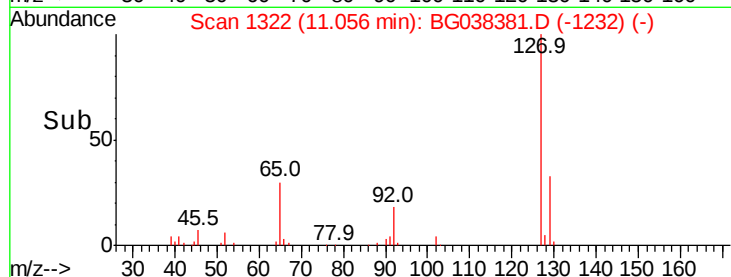
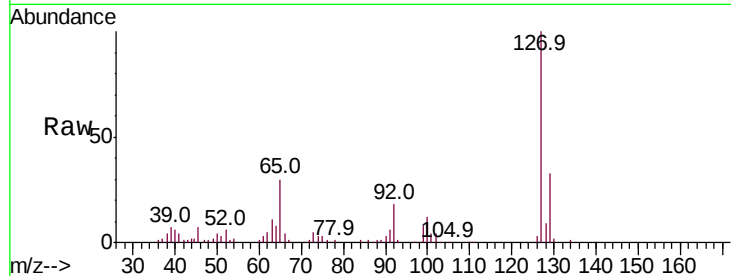
#33
4-Chloroaniline
Concen: 26.650 ng
RT: 11.06 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.6	27.1	40.7	
65	30.1	26.6	39.8	
92	18.0	16.4	24.6	

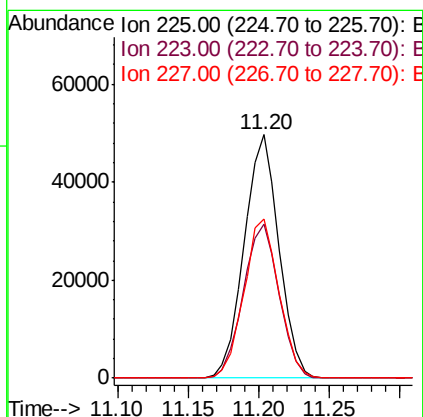
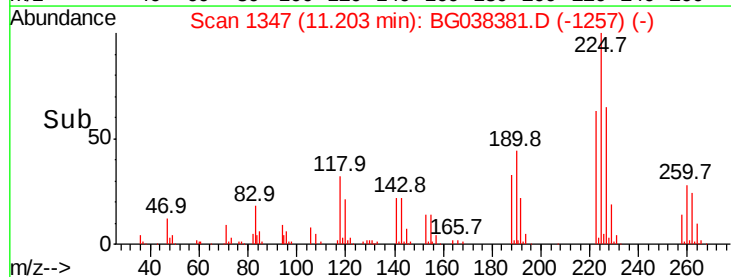
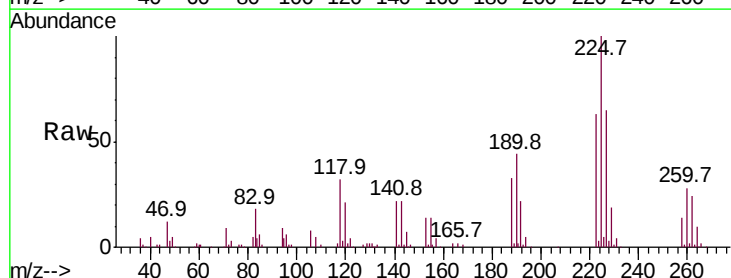
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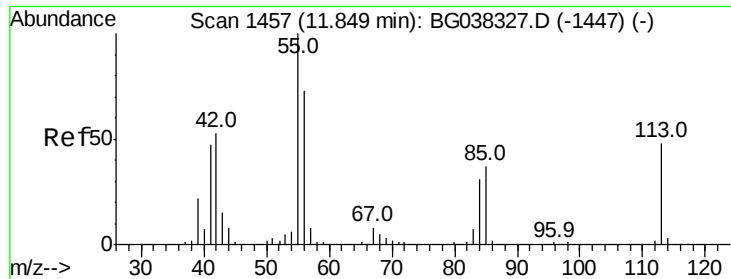
mohammad
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#34
Hexachlorobutadiene
Concen: 35.430 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	48.2	72.4	
227	64.6	51.6	77.4	





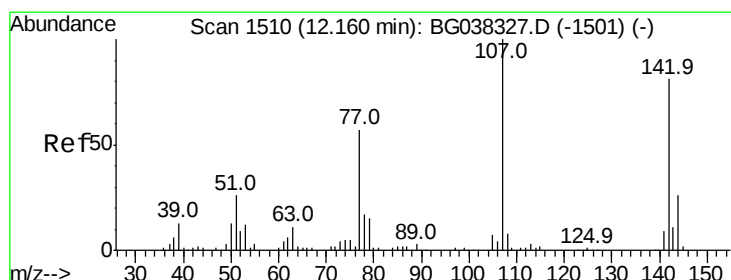
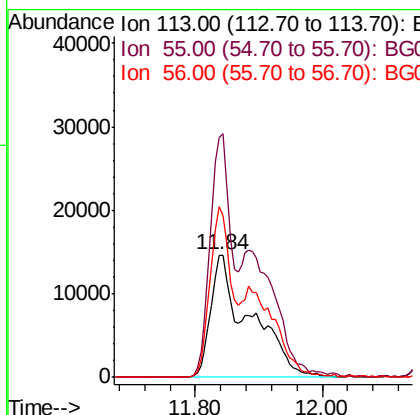
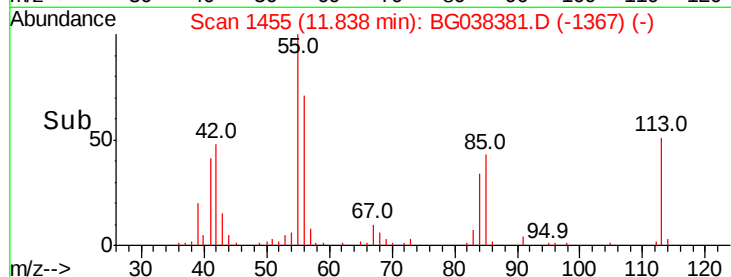
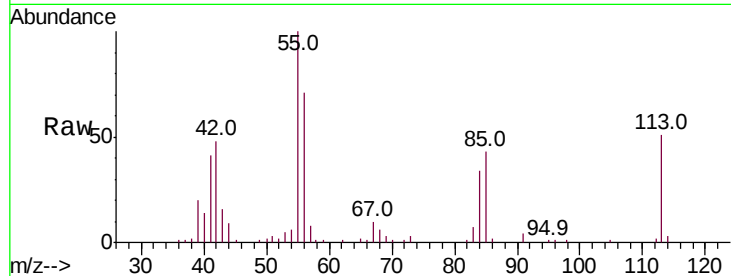
#35
 Caprolactam
 Concen: 45.877 ng/ml
 RT: 11.84 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleID :
 PB115178BS

Tot Ion:113 Resp: 62445
 Ion Ratio Lower Upper
 113 100
 55 196.1 176.6 216.6
 56 138.9 128.3 168.3

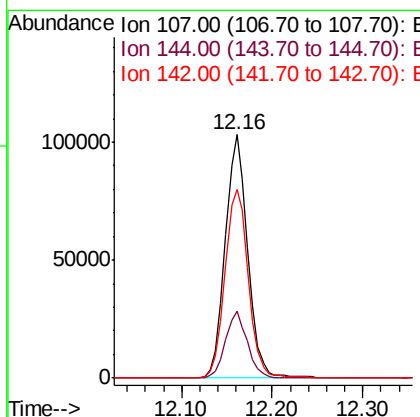
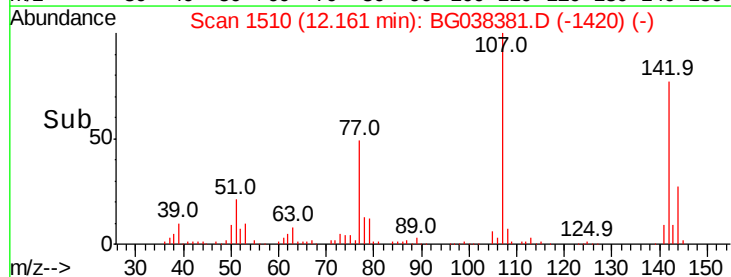
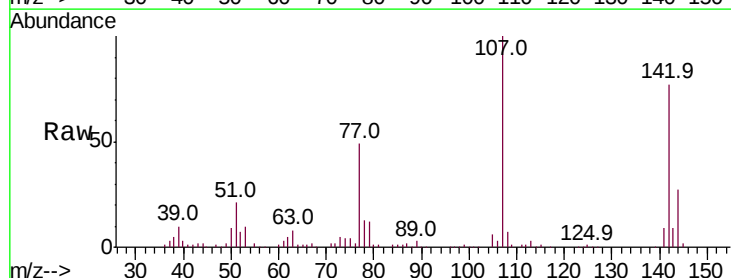
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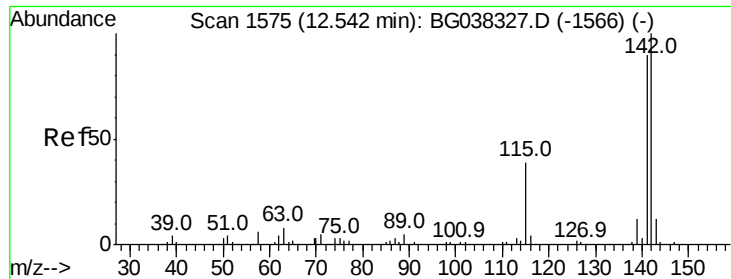
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 48.430 ng/ml
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:107 Resp: 177111
 Ion Ratio Lower Upper
 107 100
 144 27.4 20.7 31.1
 142 77.3 64.4 96.6





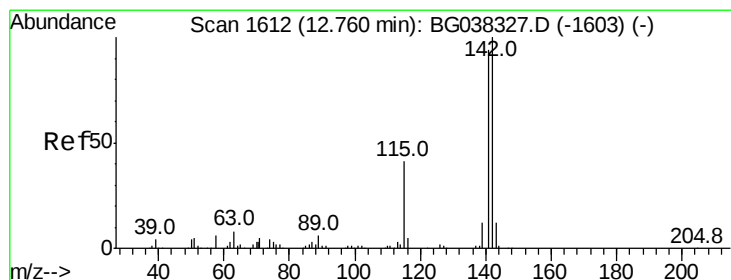
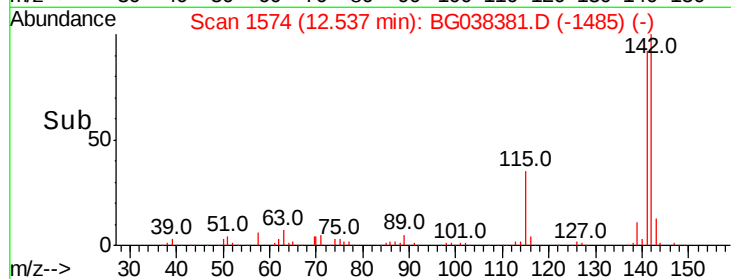
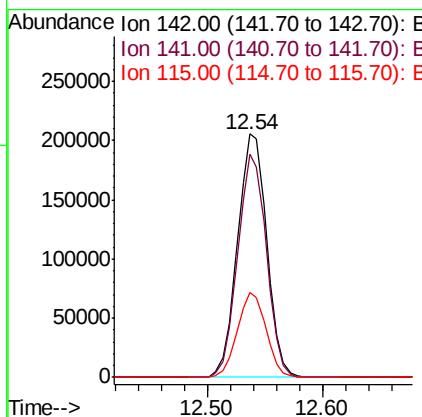
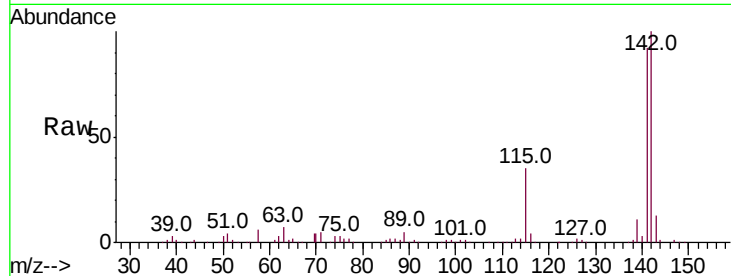
#37
2-Methylnaphthalene
Concen: 49.949 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
115	34.7	27.8	41.8

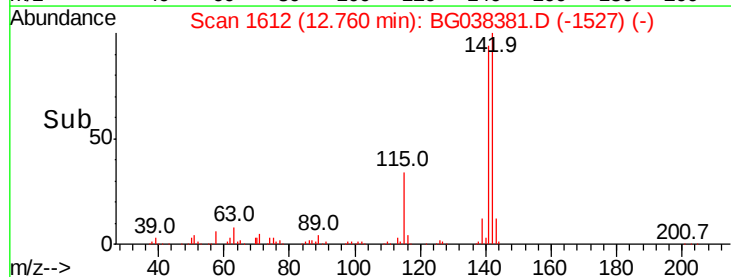
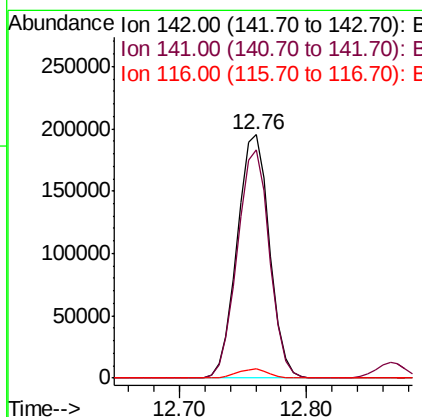
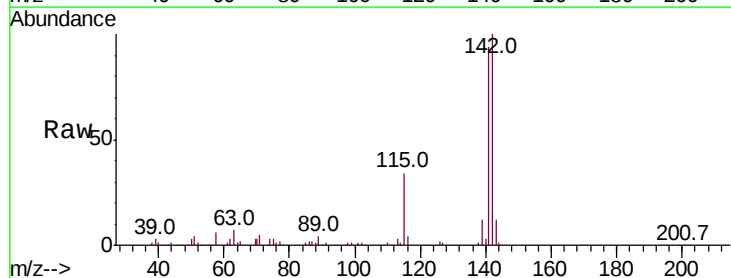
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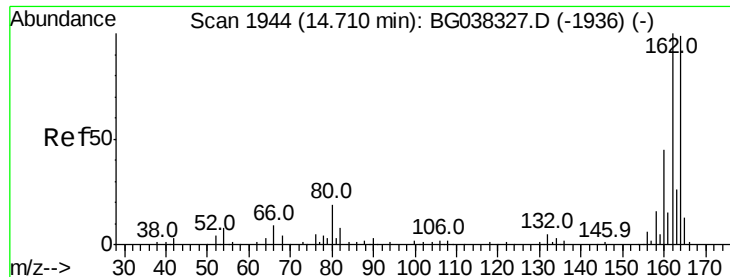
mohammad
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#38
1-Methylnaphthalene
Concen: 49.921 ng
RT: 12.76 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.2	112.8
116	3.7	3.3	4.9





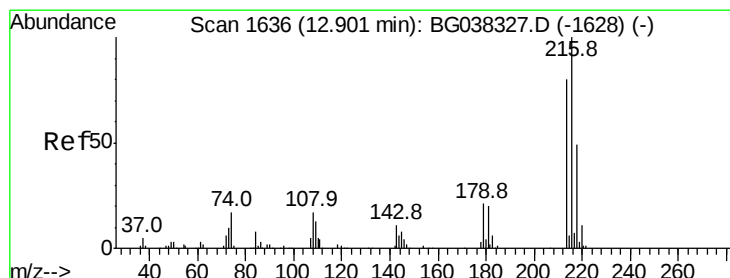
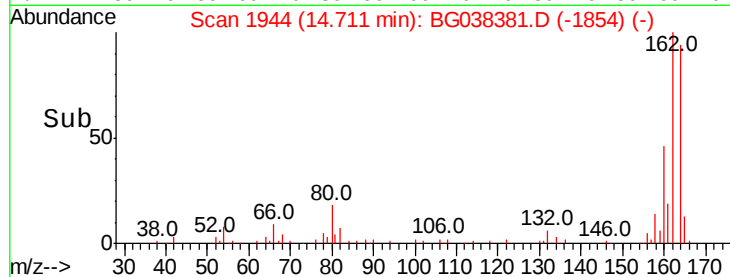
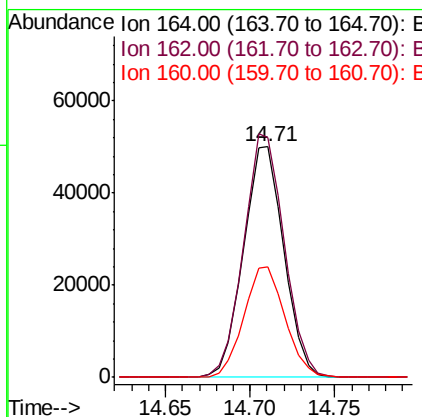
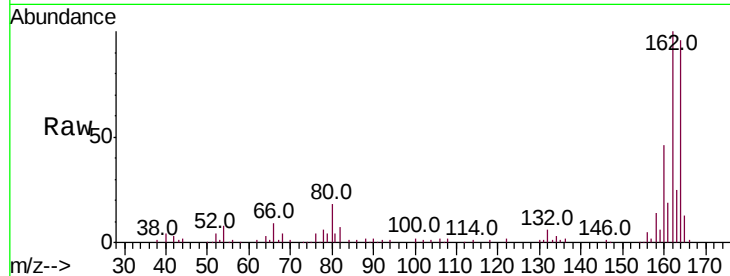
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	47.8	36.3	54.5

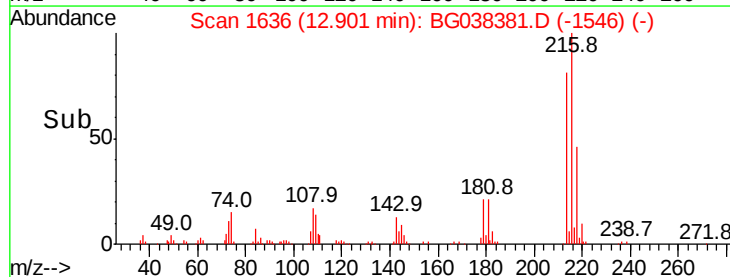
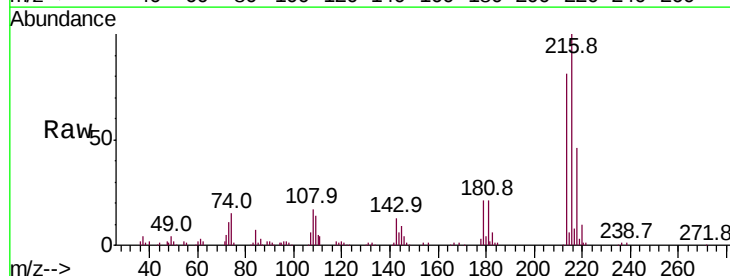
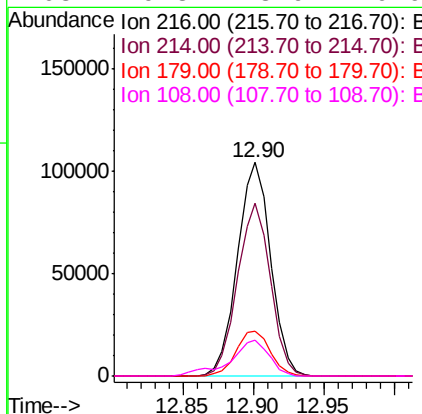
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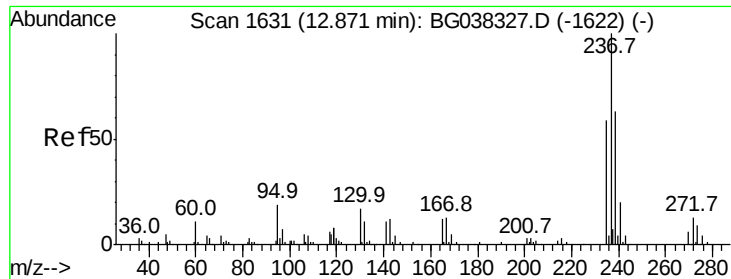
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 60.040 ng
RT: 12.90 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.6
179	21.4	17.4	26.0
108	19.8	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 112.389 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

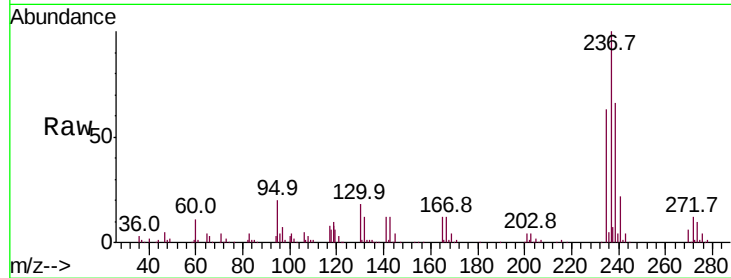
ClientSampleID :

PB115178BS

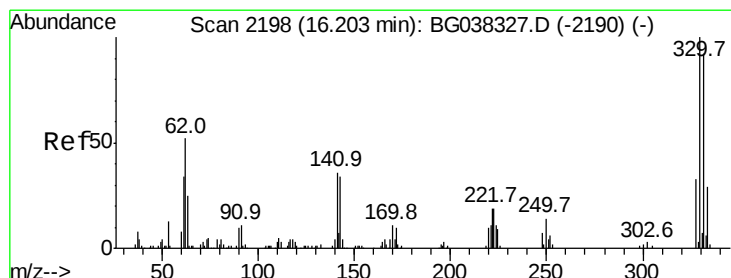
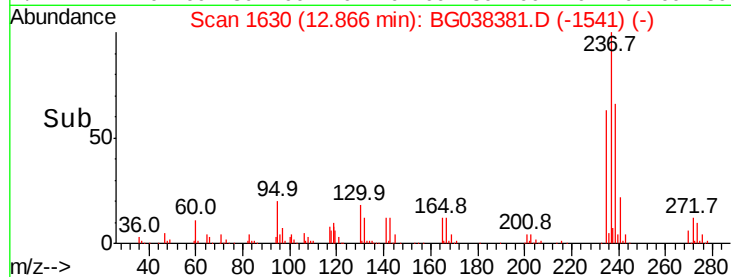
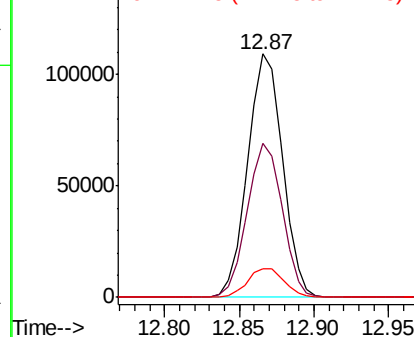
Tot Ion:	237	Resp:	176382
Ion Ratio		Lower	Upper
237	100		
235	63.4	42.5	82.5
272	11.9	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 142.639 ng

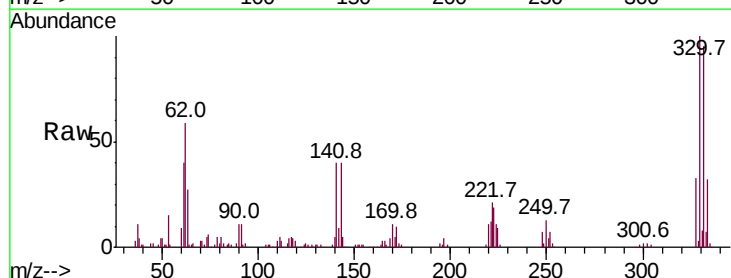
RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

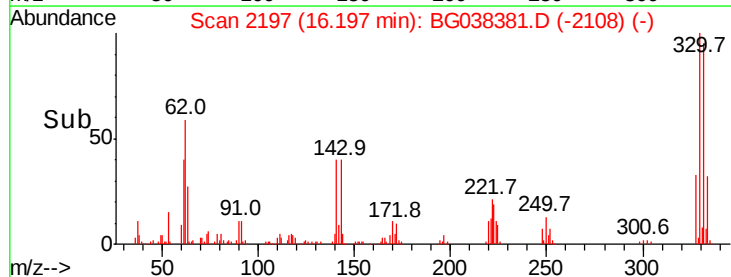
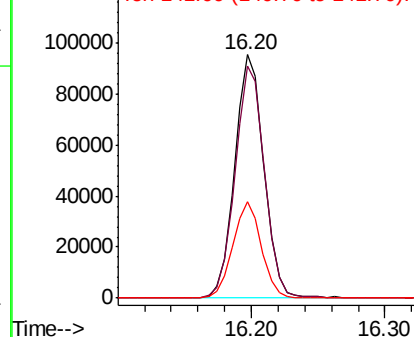
Lab File: BG038381.D

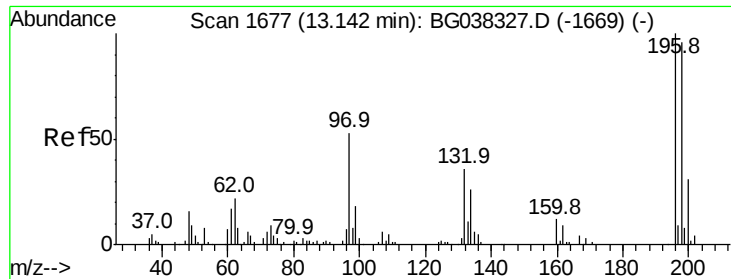
Acq: 6 Dec 2018 12:52

Tgt Ion:	330	Resp:	145328
Ion Ratio		Lower	Upper
330	100		
332	96.1	78.4	117.6
141	39.1	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





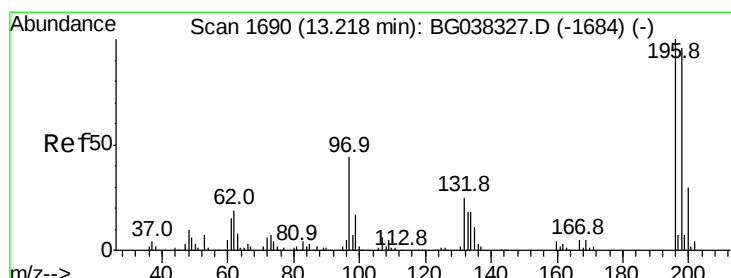
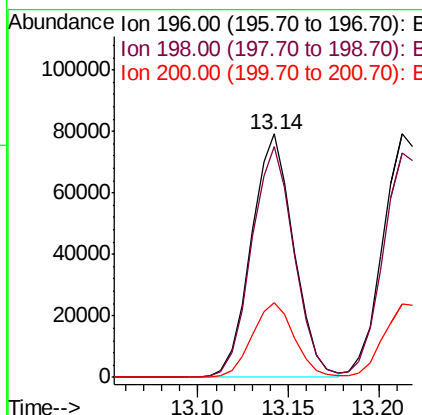
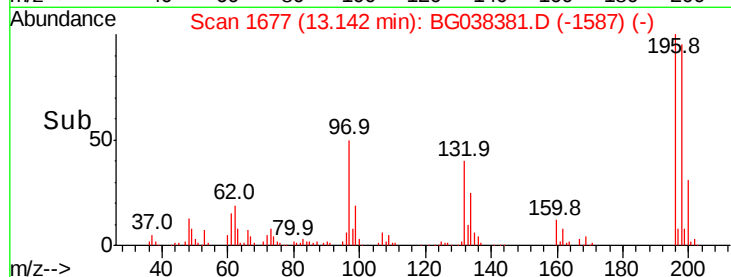
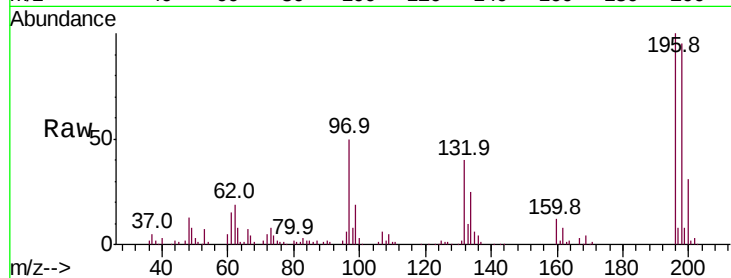
#43
 2,4,6-Trichlorophenol
 Concen: 69.830 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	129183		
198	95.1	76.4	114.6	
200	30.5	24.9	37.3	

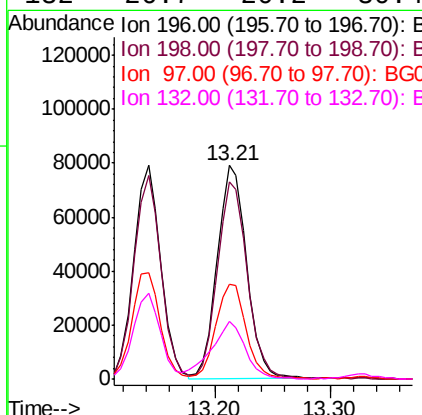
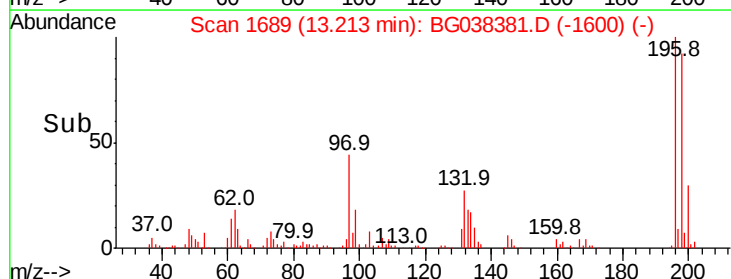
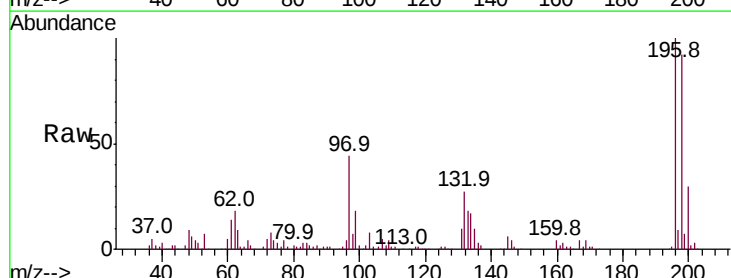
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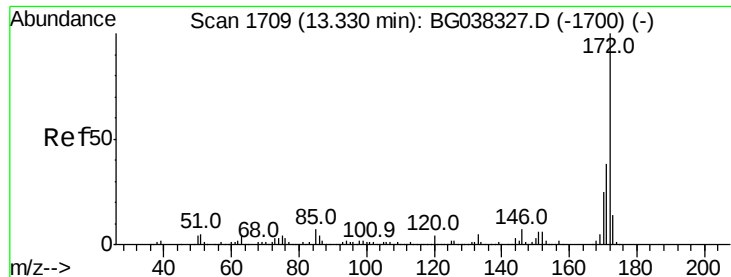
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 70.977 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	139101		
198	92.4	74.2	111.2	
97	44.5	34.1	51.1	
132	26.7	20.2	30.4	





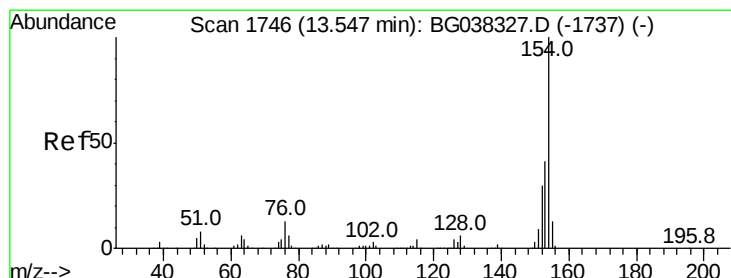
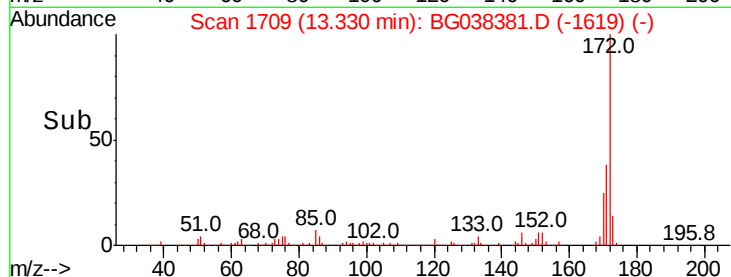
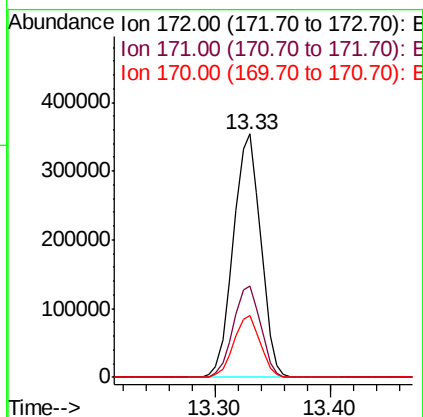
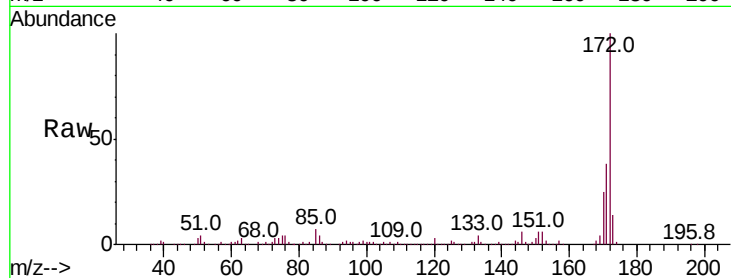
#45
2-Fluorobiphenyl
Concen: 99.861 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	581637		
171	37.6		31.0	46.4
170	25.2		20.2	30.2

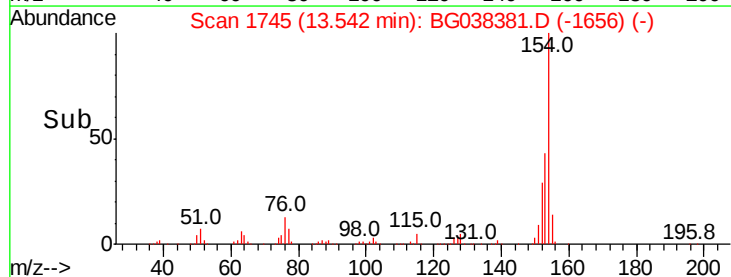
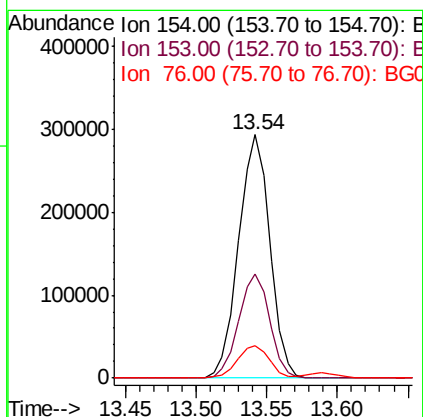
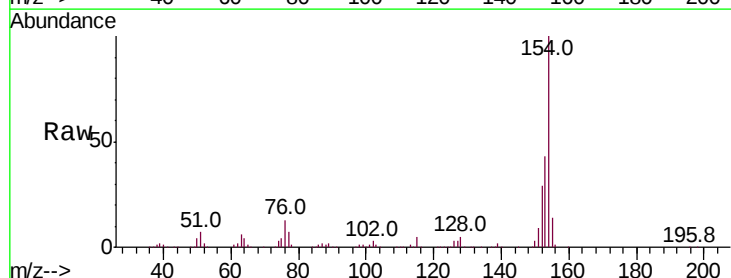
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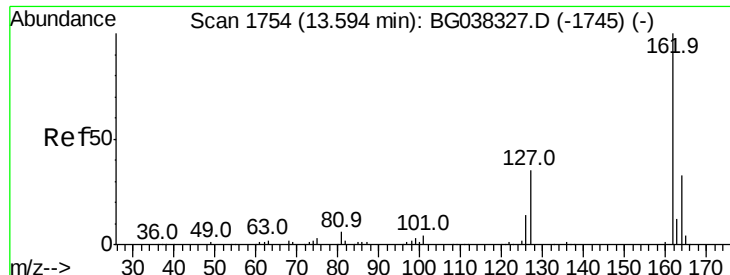
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#46
1,1'-Biphenyl
Concen: 64.648 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	453530		
153	42.6		22.1	62.1
76	13.2		0.0	33.2





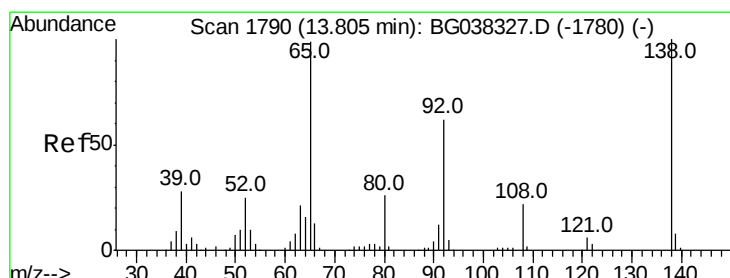
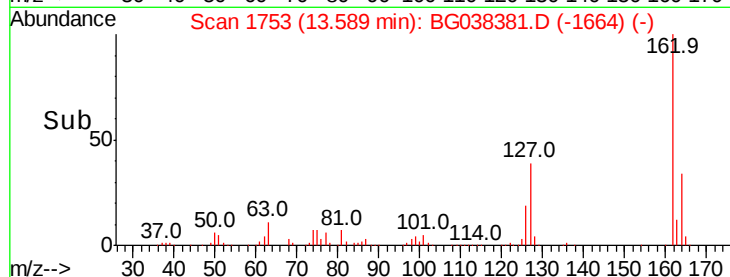
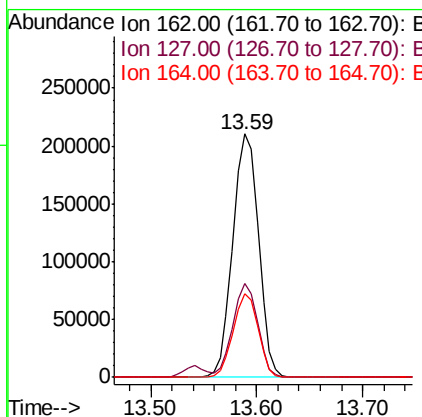
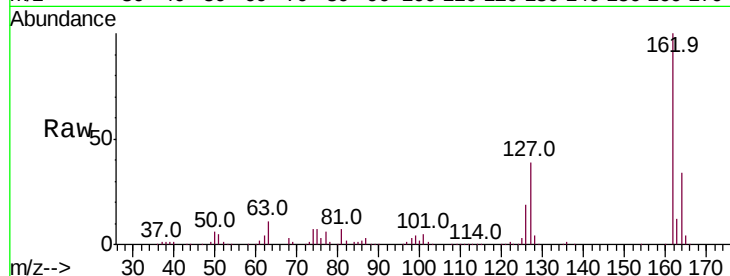
#47
 2-Chloronaphthalene
 Concen: 66.621 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleID :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.5	45.7
164	34.3	26.4	39.6

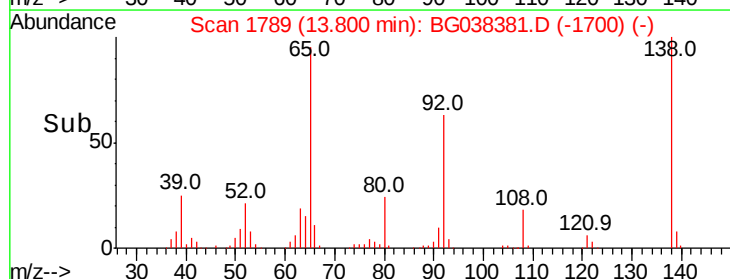
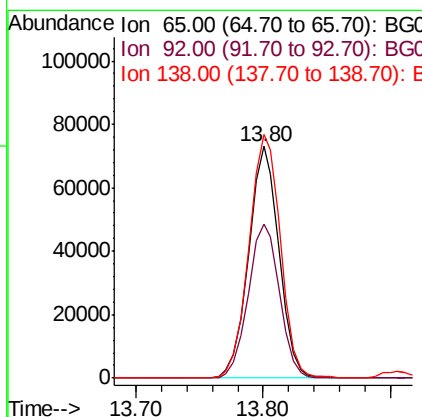
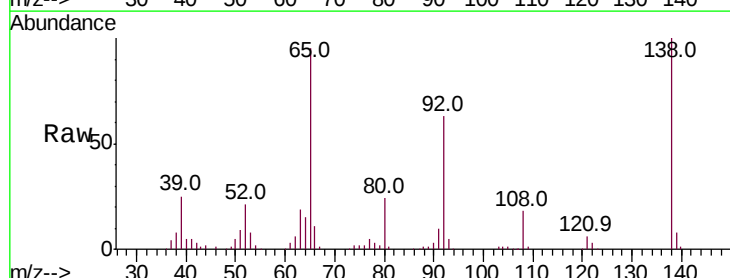
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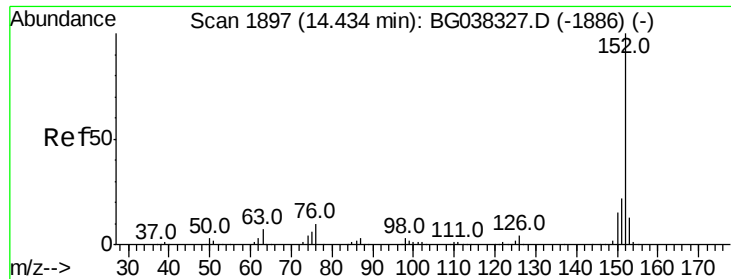
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#48
 2-Nitroaniline
 Concen: 68.541 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.2	79.8
138	105.1	79.3	118.9





#49

Acenaphthylene

Concen: 57.248 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

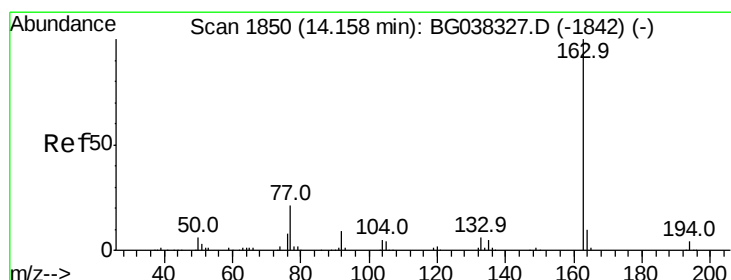
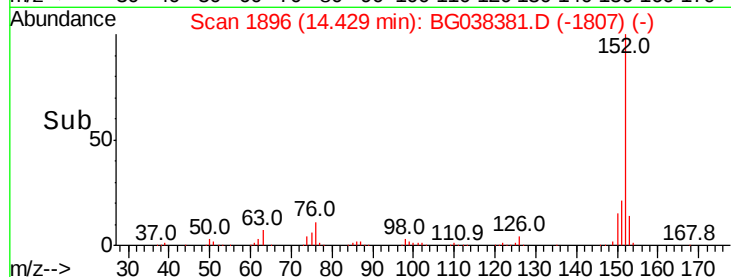
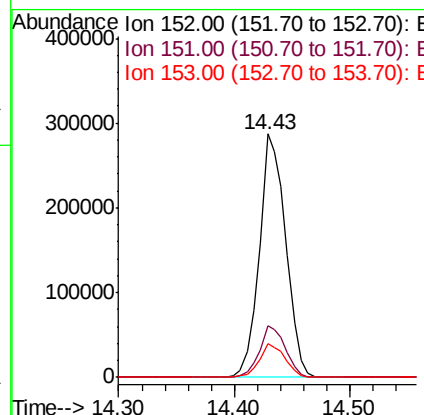
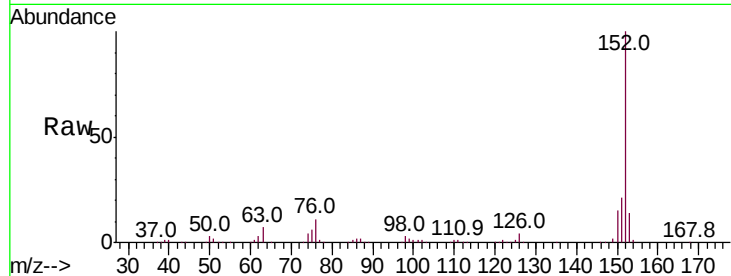
ClientSampleId :

PB115178BS

Tot Ion:	152	Resp:	456430
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.1	25.7
153	13.9	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 67.010 ng

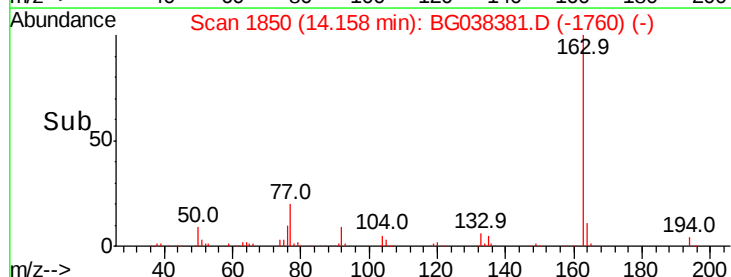
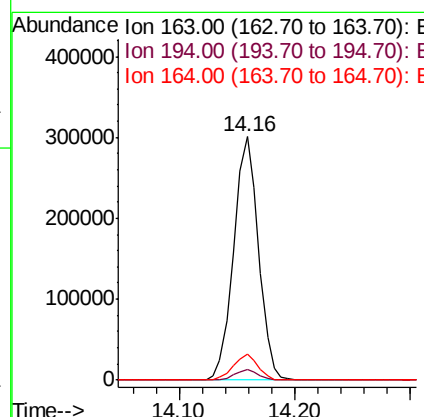
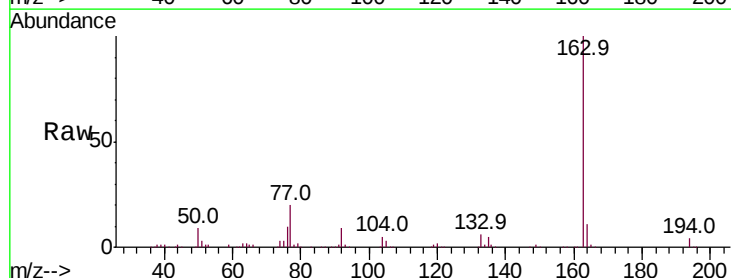
RT: 14.16 min Scan# 1850

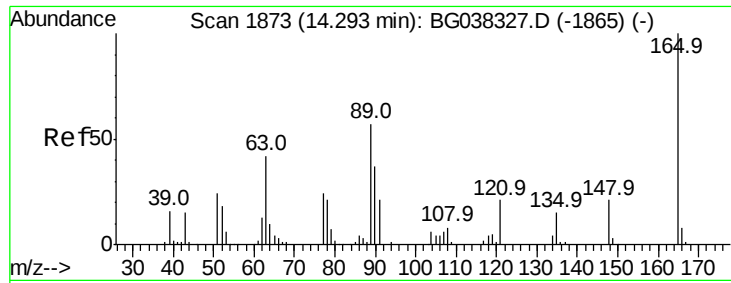
Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:	163	Resp:	446073
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	10.8	8.5	12.7





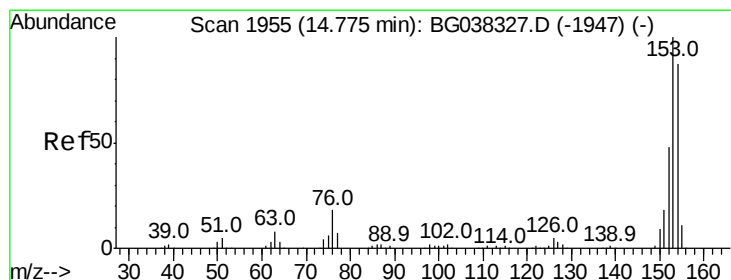
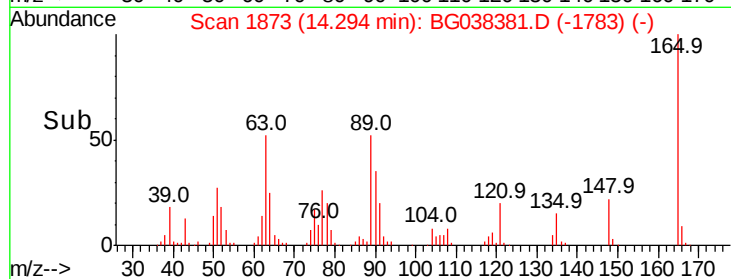
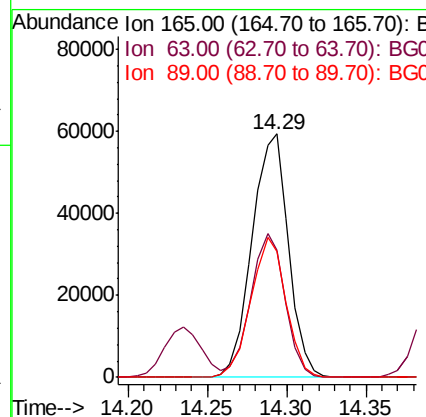
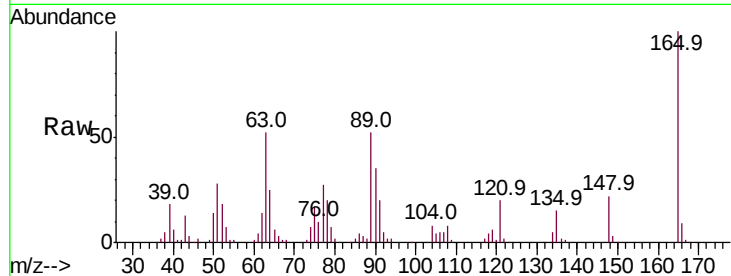
#51
 2,6-Dinitrotoluene
 Concen: 62.311 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.1	43.4	65.2
89	52.0	45.8	68.6

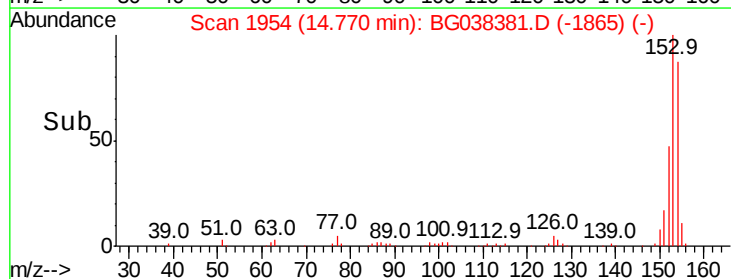
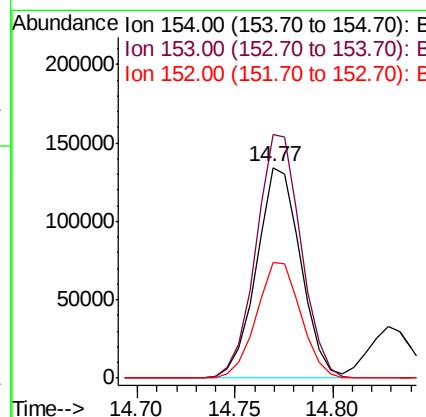
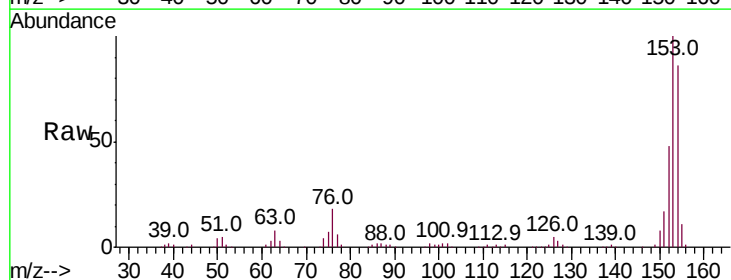
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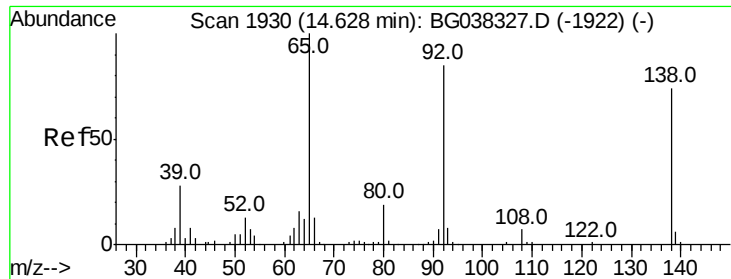
mohammad
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#52
 Acenaphthene
 Concen: 43.337 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	93.4	140.0
152	55.2	44.7	67.1





#53

3-Nitroaniline

Concen: 34.160 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

ClientSampleId :

PB115178BS

Tot Ion:138 Resp: 55944

Ion Ratio Lower Upper

138 100

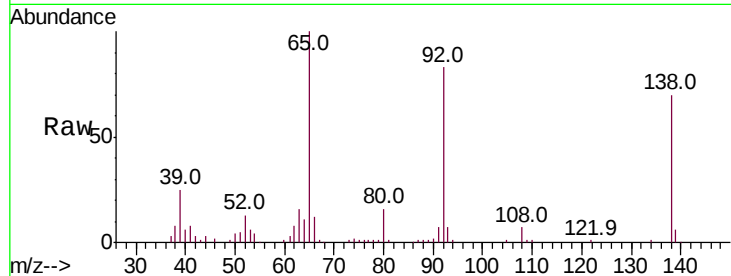
108 9.4 11.0 16.6#

92 118.6 95.2 142.8

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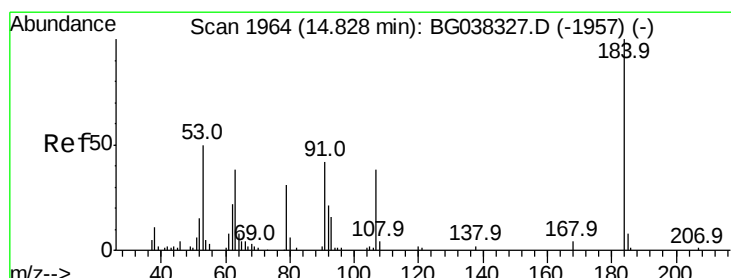
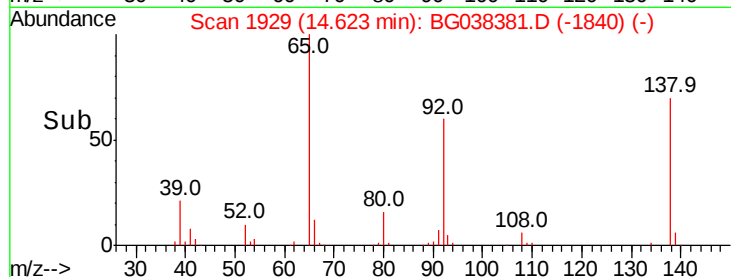
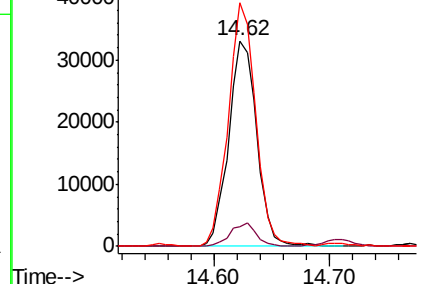
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 105.371 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:184 Resp: 87834

Ion Ratio Lower Upper

184 100

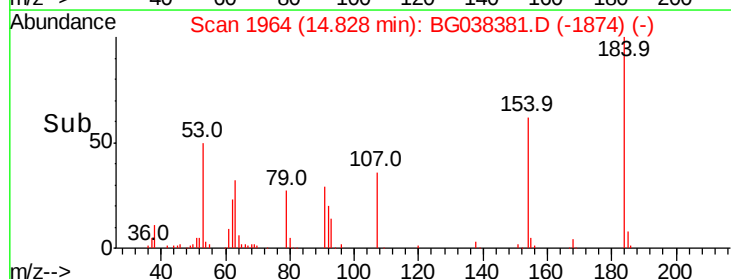
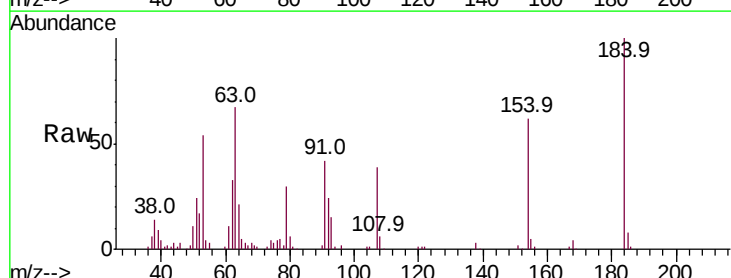
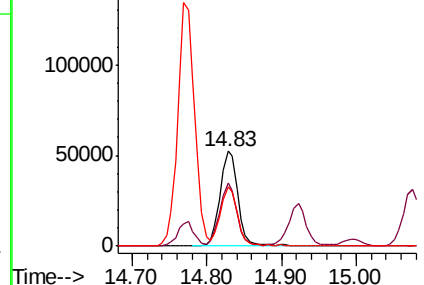
63 66.6 42.6 63.8#

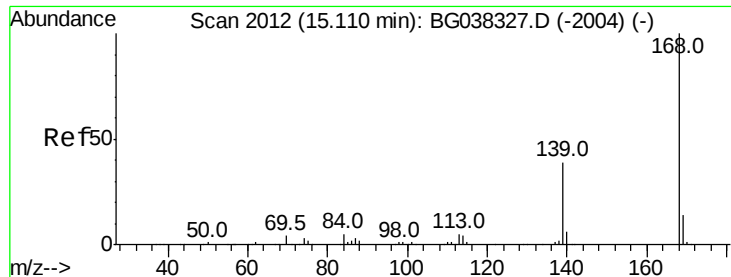
154 62.1 41.8 62.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 43.566 ng

RT: 15.10 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

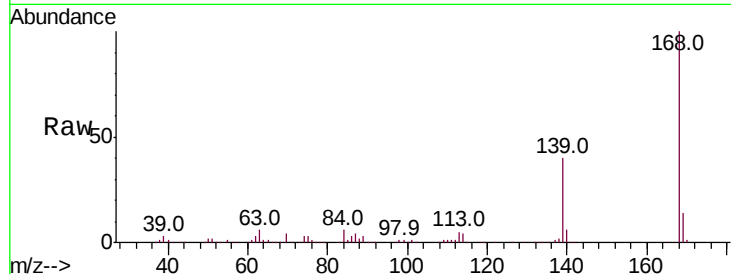
ClientSampleId :

PB115178BS

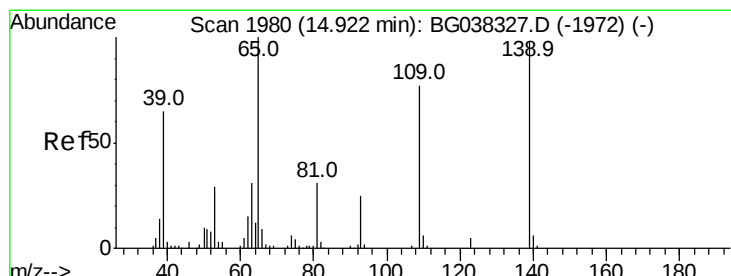
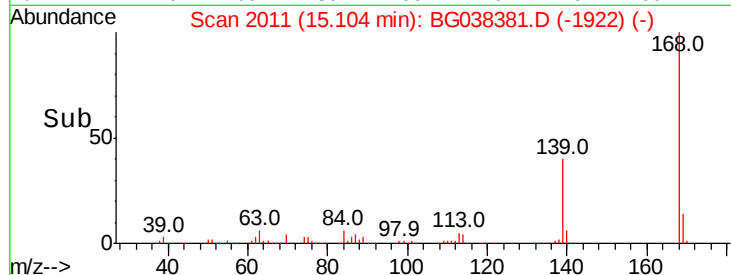
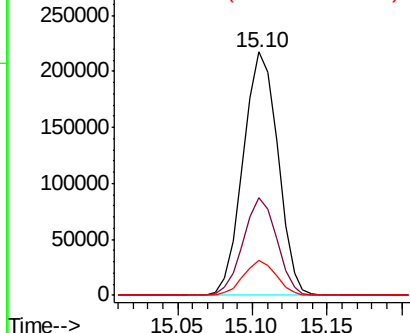
Tot Ion:	168	Resp:	350074
Ion Ratio	Lower	Upper	
168	100		
139	39.9	29.4	44.0
169	14.2	11.0	16.6

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 89.923 ng

RT: 14.92 min Scan# 1980

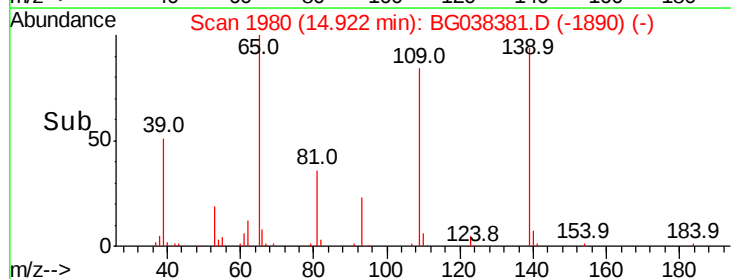
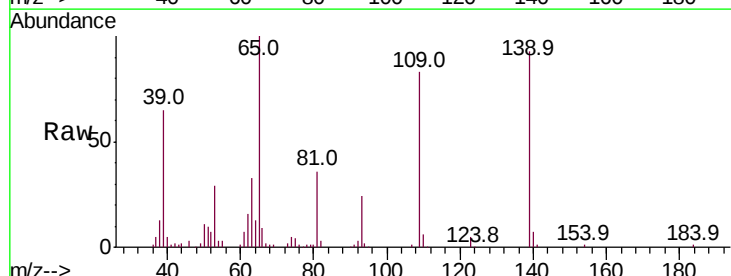
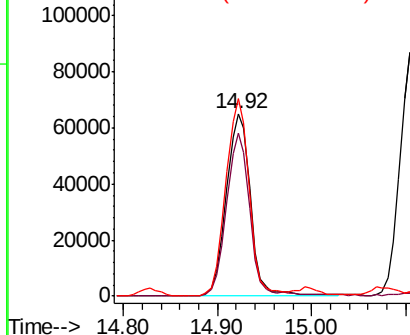
Delta R.T. 0.00 min

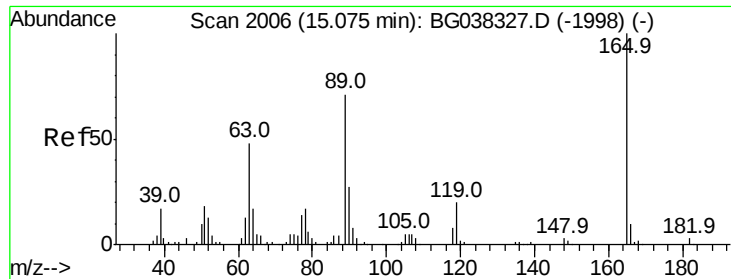
Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:	139	Resp:	116332
Ion Ratio	Lower	Upper	
139	100		
109	89.2	49.5	89.5
65	108.0	76.8	116.8

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





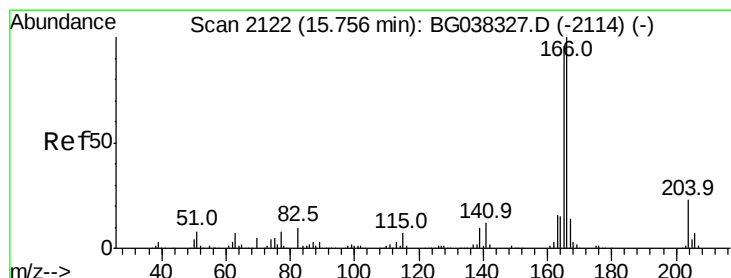
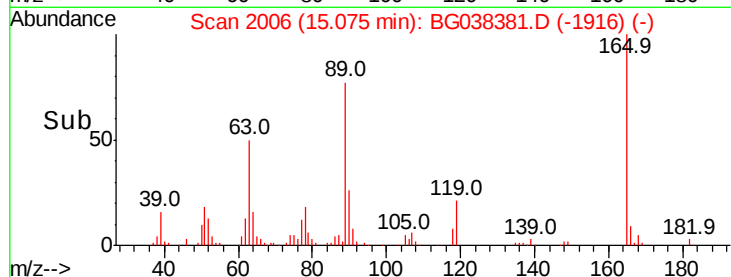
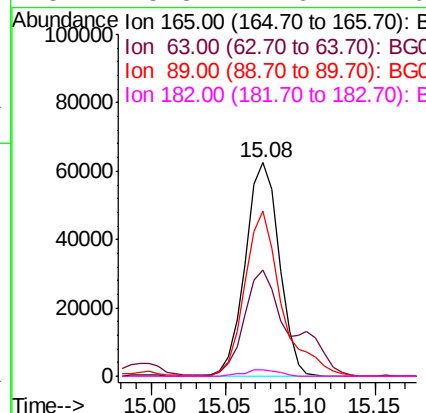
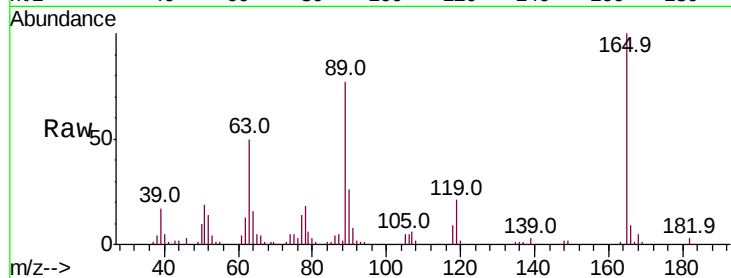
#57
2,4-Dinitrotoluene
Concen: 46.793 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.7	33.4	50.0
89	77.4	57.2	85.8
182	3.3	2.6	4.0

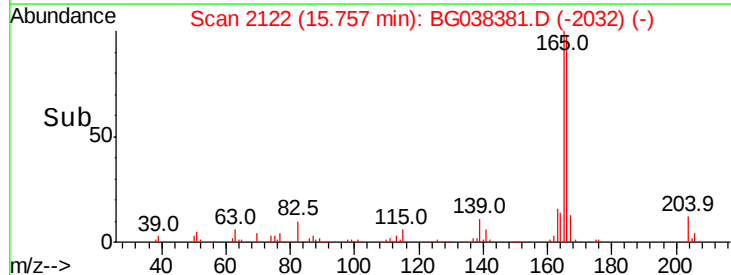
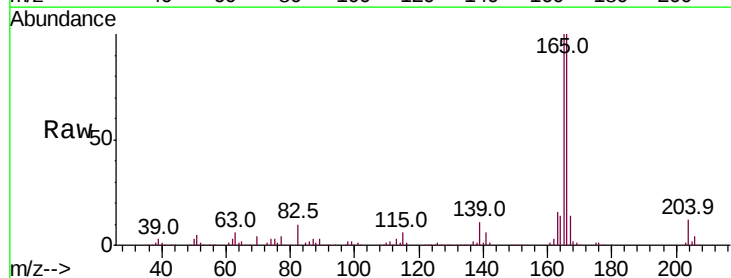
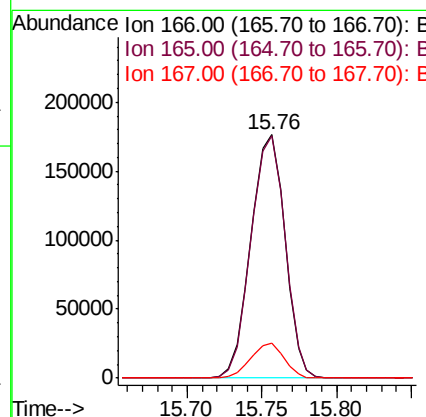
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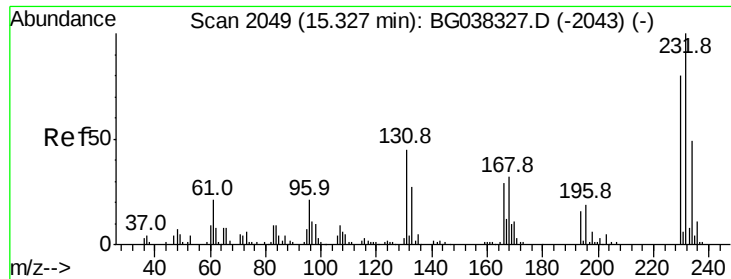
mohammad
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#58
Fluorene
Concen: 47.145 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	14.2	11.3	16.9





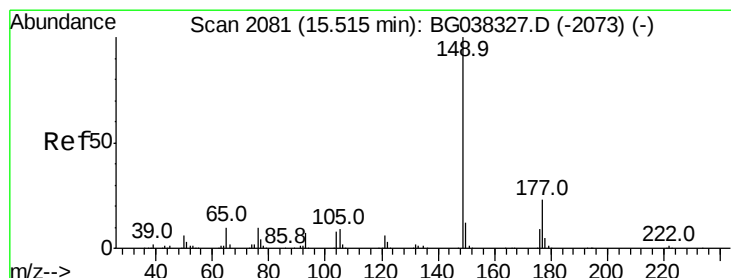
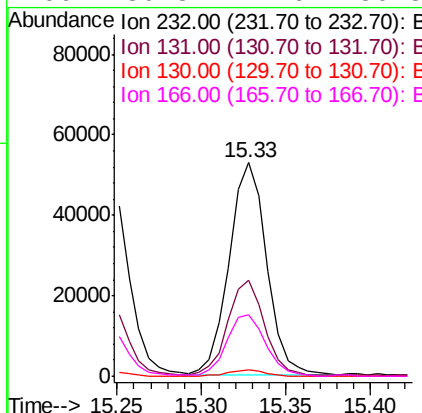
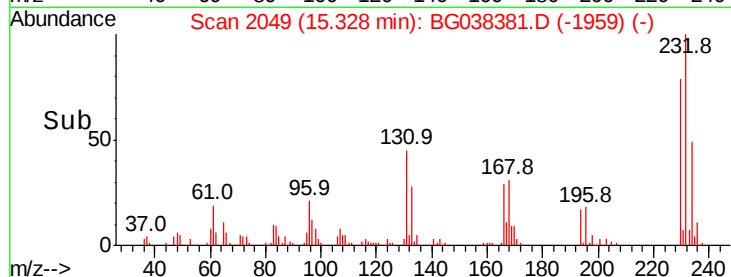
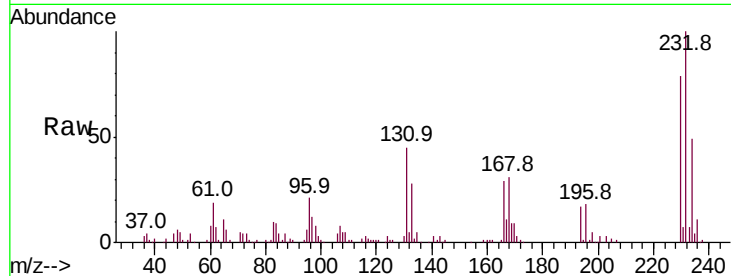
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.831 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	33.7	50.5
130	2.9	2.1	3.1
166	30.3	24.6	36.8

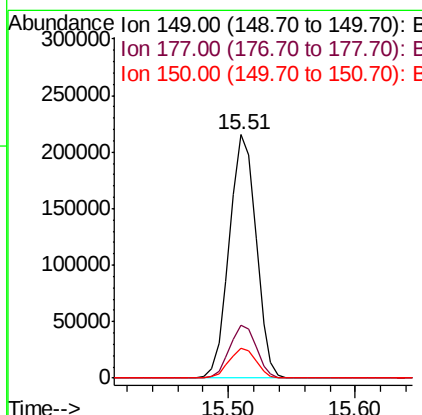
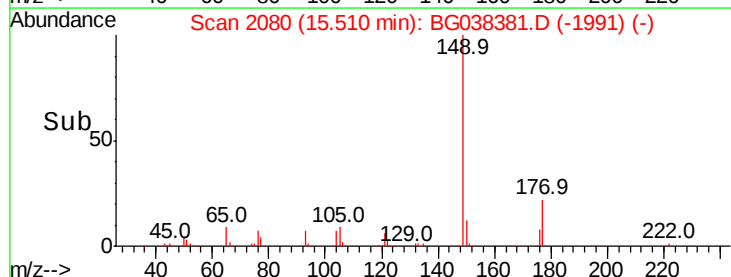
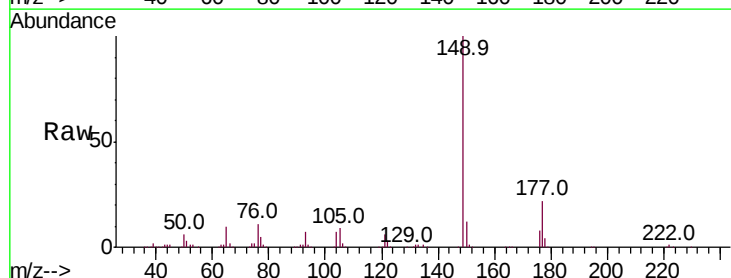
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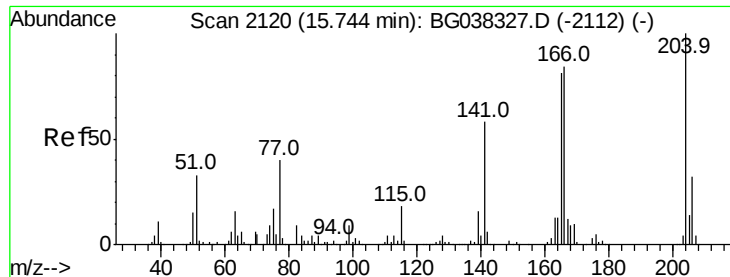
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#60
 Diethylphthalate
 Concen: 42.540 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.3	27.5
150	12.4	10.0	15.0





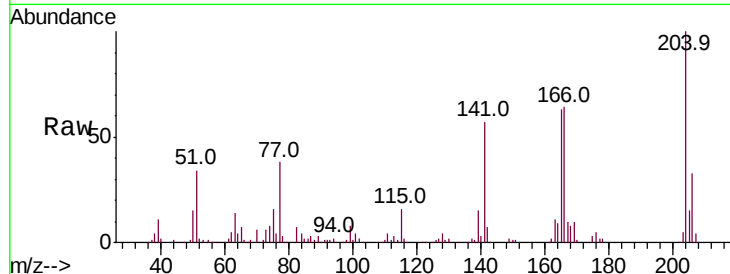
#61
4-Chlorophenyl-phenylether
Concen: 42.505 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	57.0	45.4	68.2

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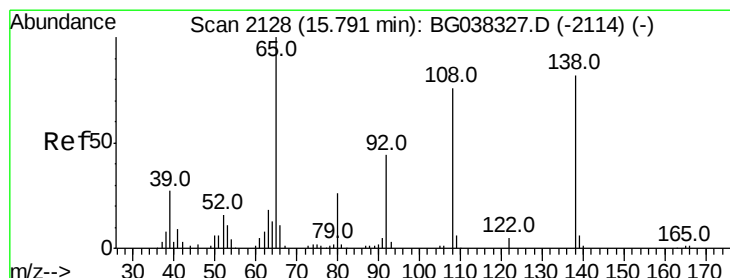
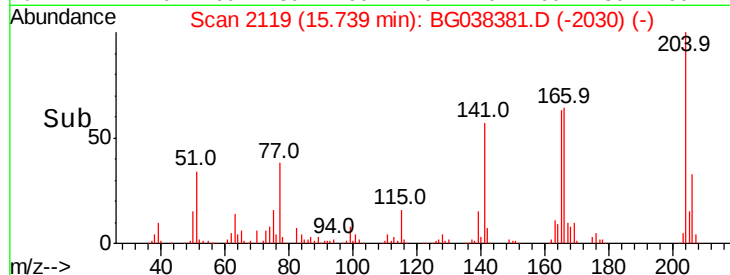
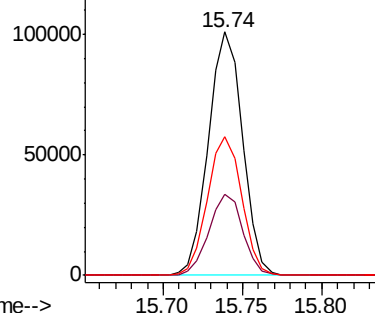


Abundance

Ion 204.00 (203.70 to 204.70): E

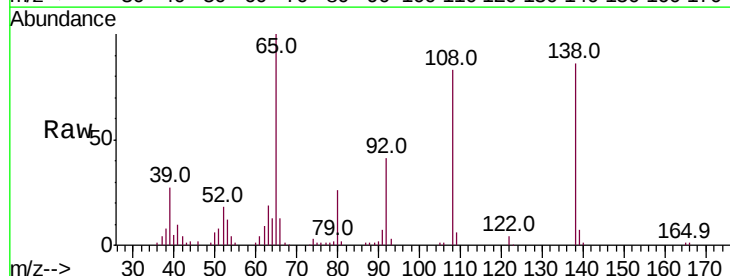
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 46.256 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	36.4	76.4
108	96.2	60.1	100.1

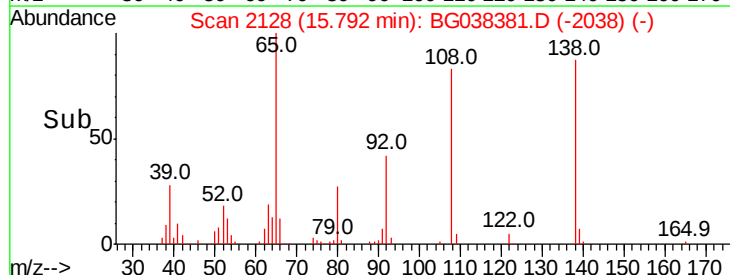
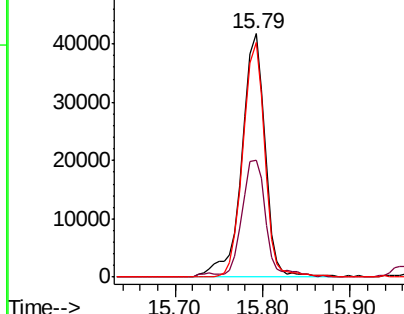


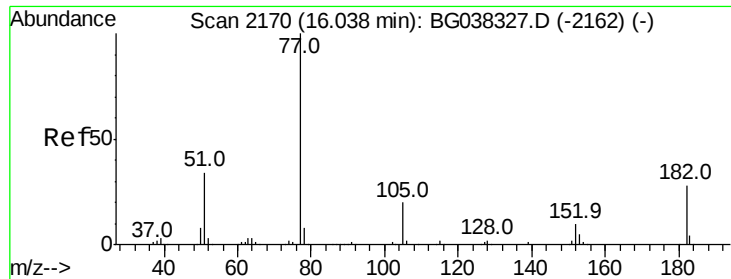
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





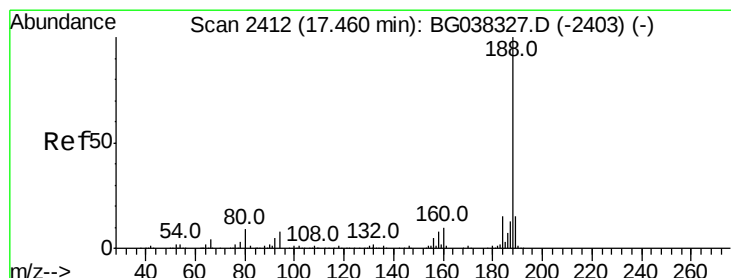
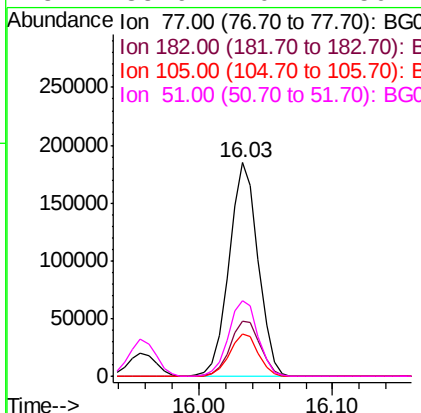
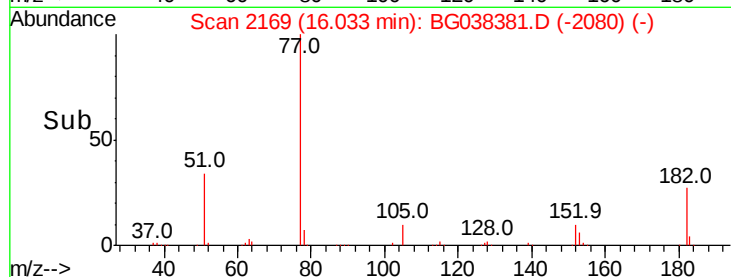
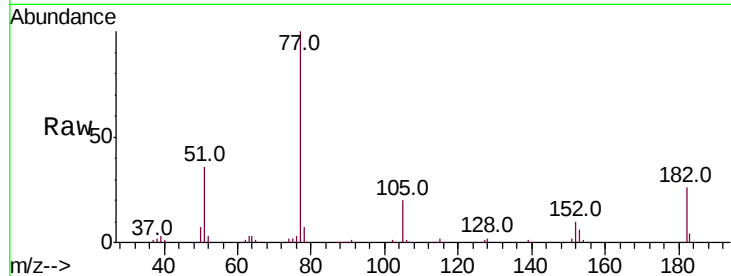
#63
Azobenzene
Concen: 43.402 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.8	8.0	48.0		
105	19.9	1.3	41.3		
51	35.6	10.7	50.7		

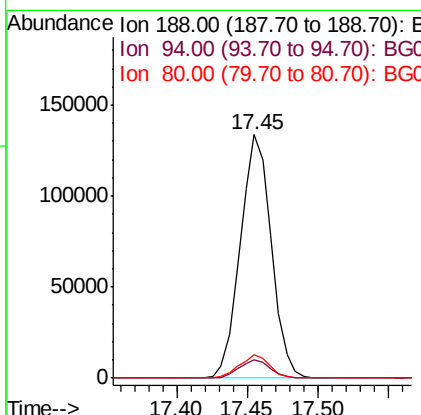
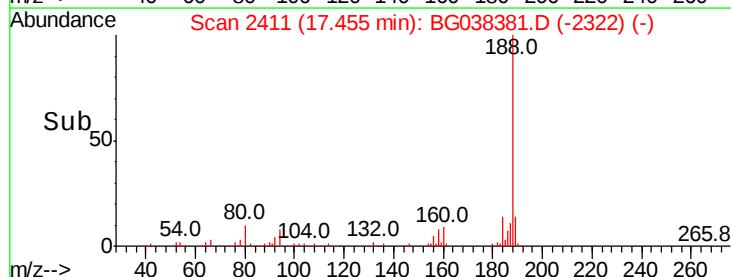
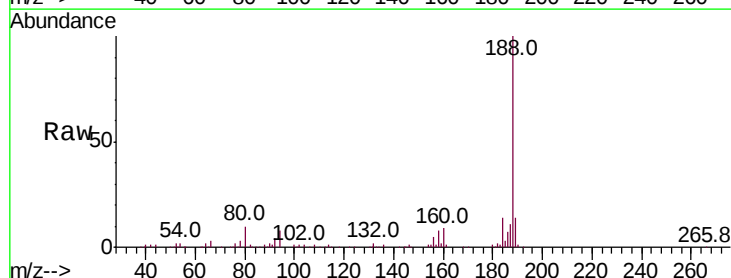
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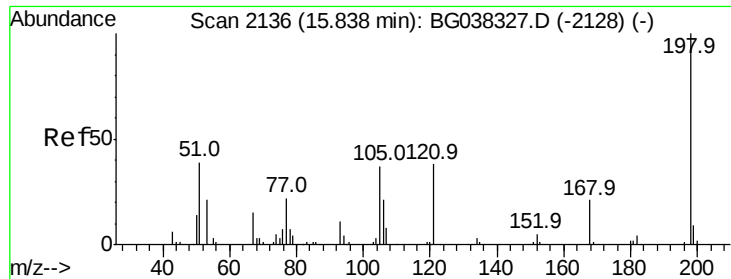
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.8	7.2	10.8		
80	9.8	7.7	11.5		





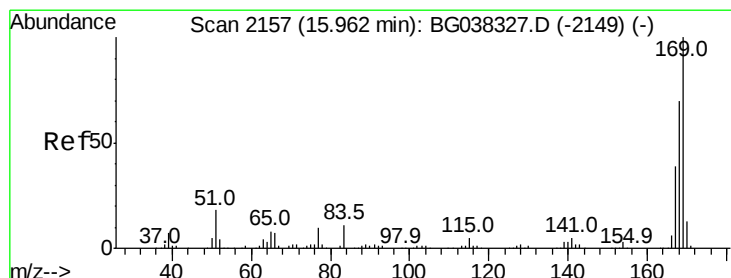
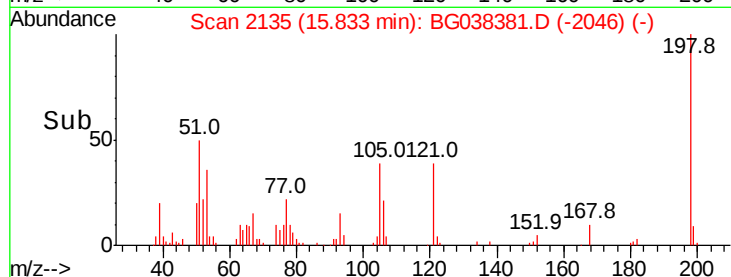
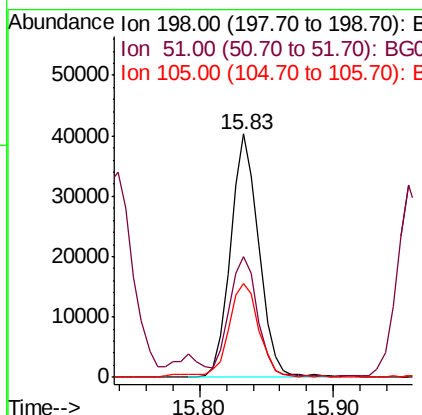
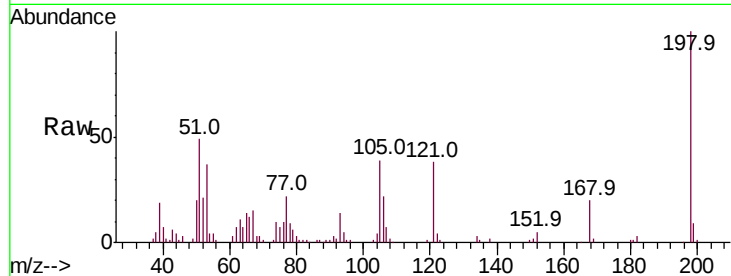
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.288 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	59557		
51	49.5	22.7	62.7	
105	38.6	19.7	59.7	

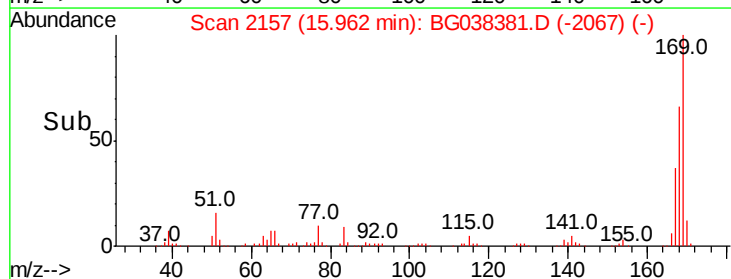
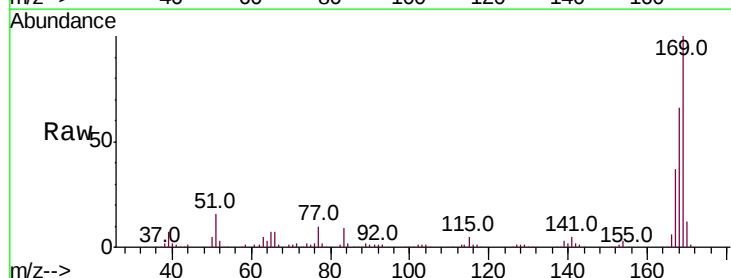
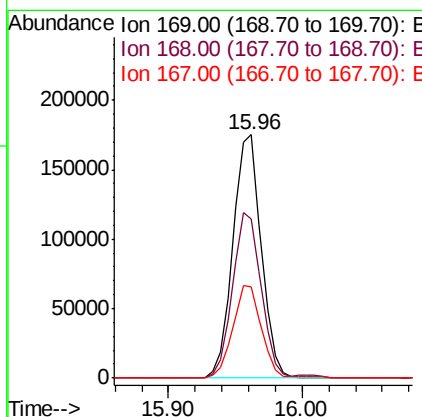
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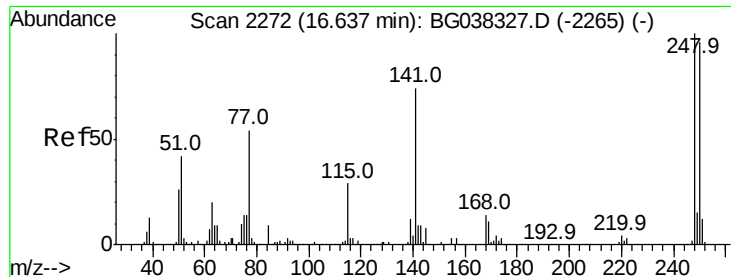
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#66
 n-Nitrosodiphenylamine
 Concen: 44.843 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	258805		
168	65.5	55.7	83.5	
167	37.3	31.3	46.9	





#67

4-Bromophenyl-phenylether

Concen: 45.550 ng

RT: 16.64 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

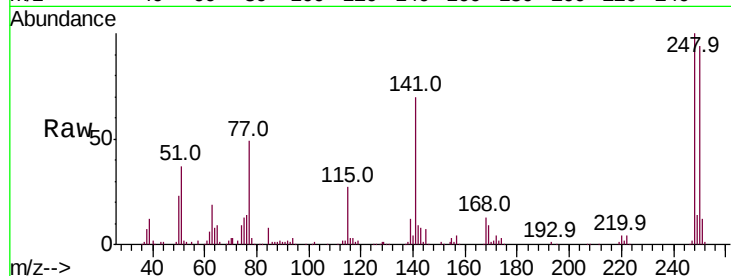
ClientSampleId :

PB115178BS

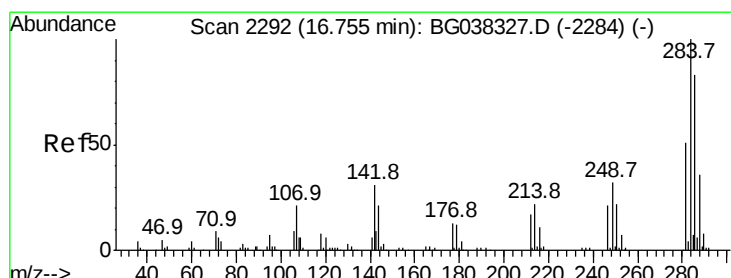
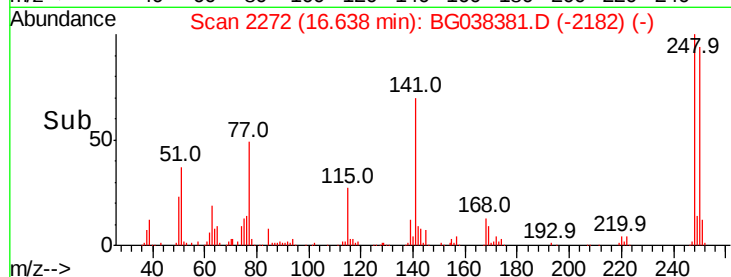
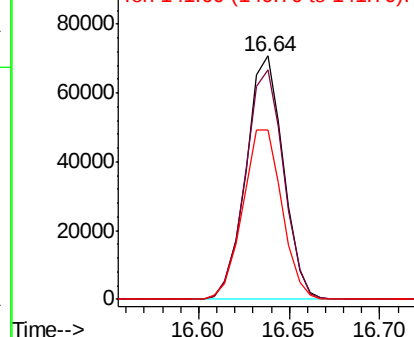
Tot Ion:	248	Resp:	100956
Ion Ratio	Lower	Upper	
248	100		
250	94.3	77.0	115.6
141	69.7	55.5	83.3

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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: 45.489 ng

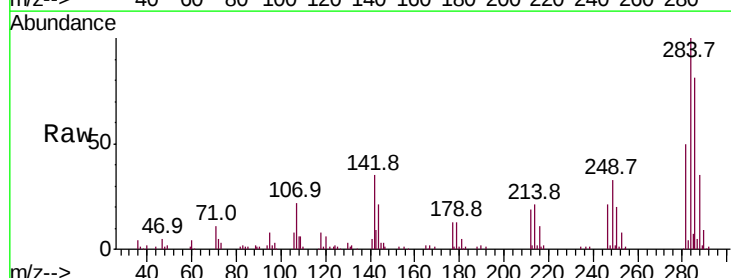
RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

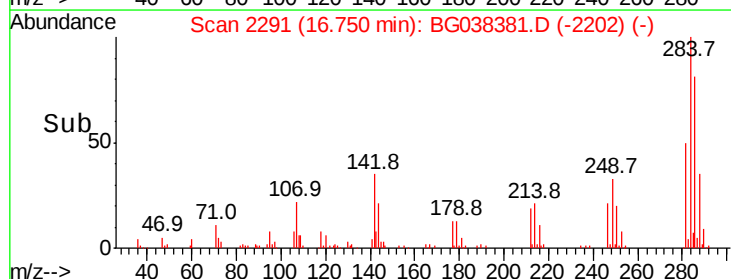
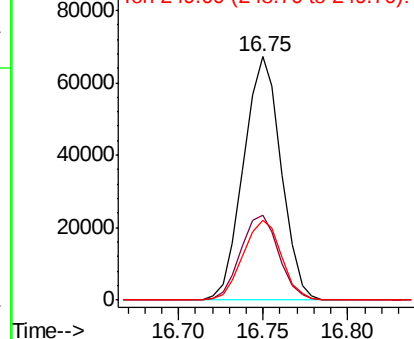
Lab File: BG038381.D

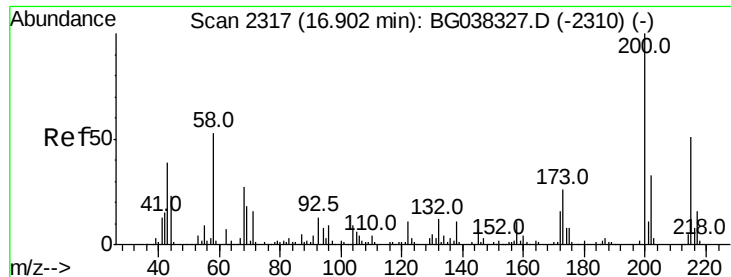
Acq: 6 Dec 2018 12:52

Tgt Ion:	284	Resp:	103992
Ion Ratio	Lower	Upper	
284	100		
142	35.0	28.1	42.1
249	34.9	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





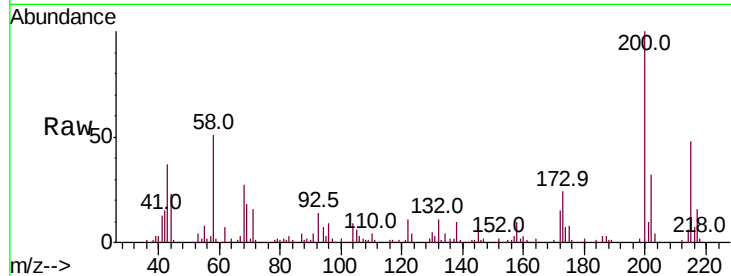
#69
Atrazine
Concen: 46.722 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

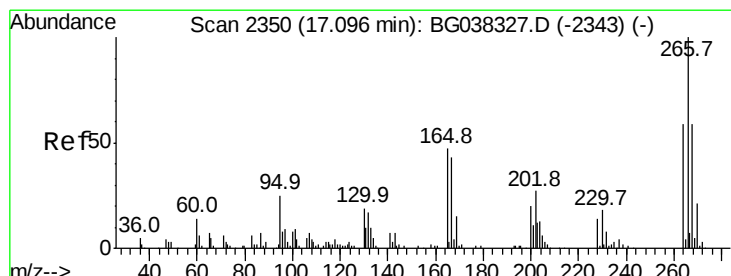
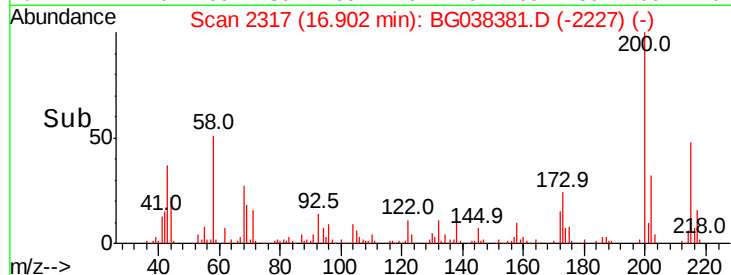
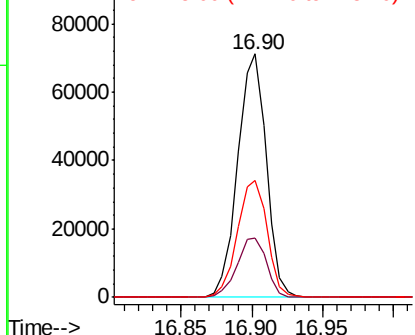
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.1	6.1	46.1
215	47.9	30.8	70.8

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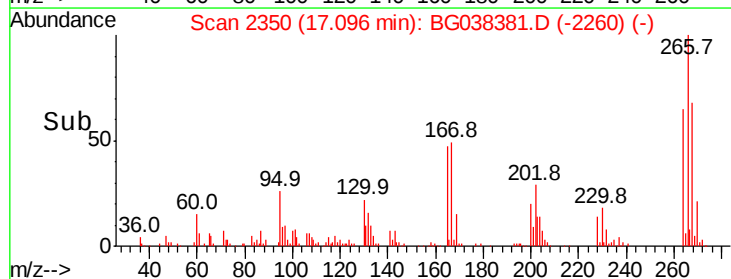
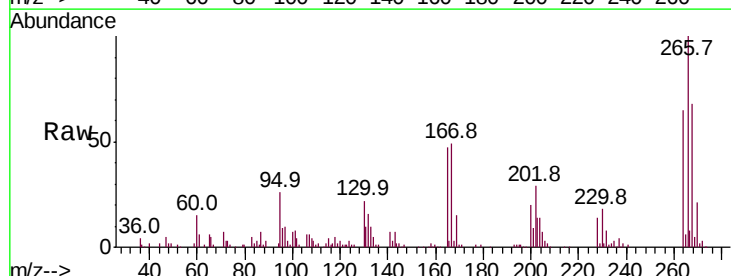
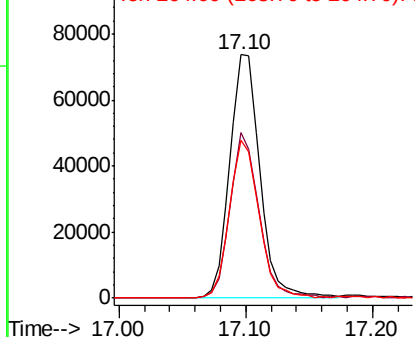
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

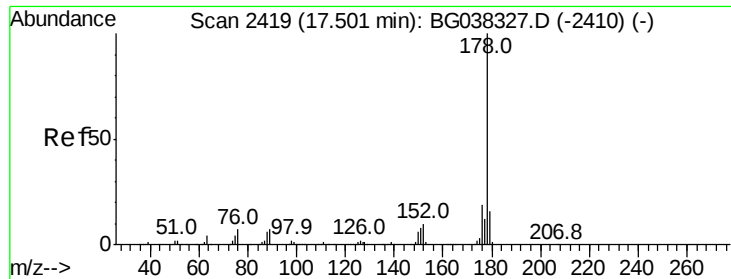


#70
Pentachlorophenol
Concen: 78.047 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	73.0	55.0	82.6
264	64.8	58.9	88.3

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





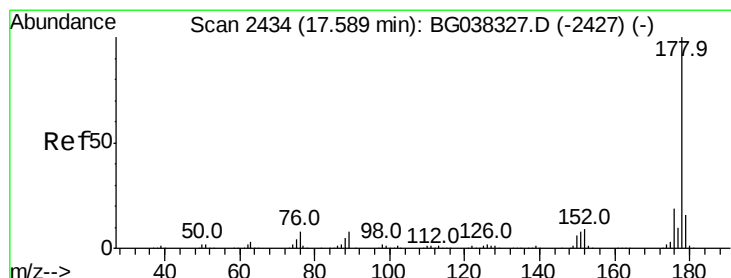
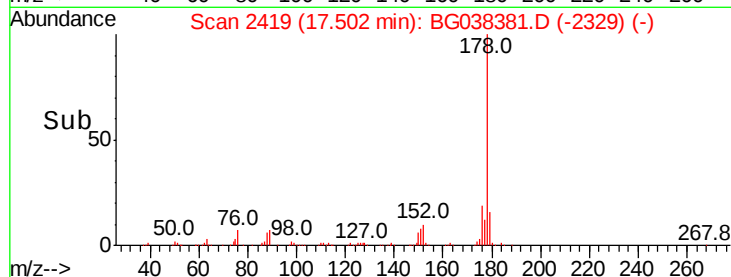
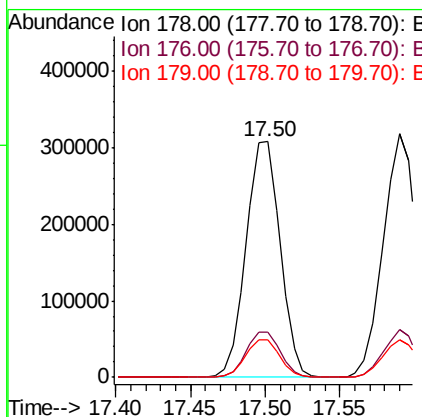
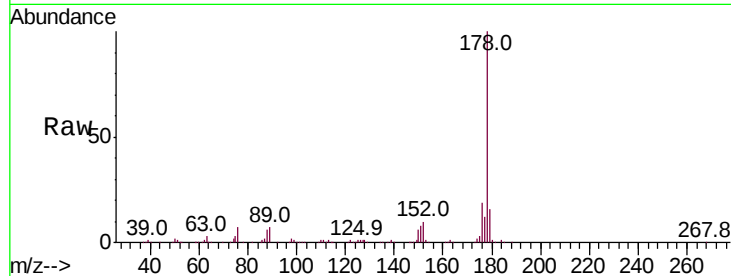
#71
Phenanthrene
Concen: 47.442 ng
RT: 17.50 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	15.7	13.0	19.4

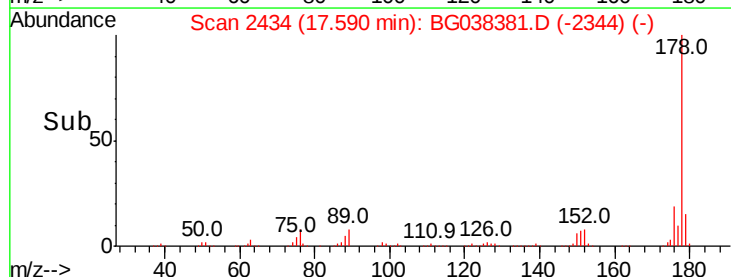
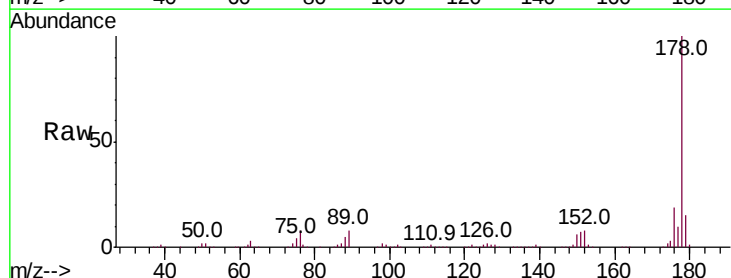
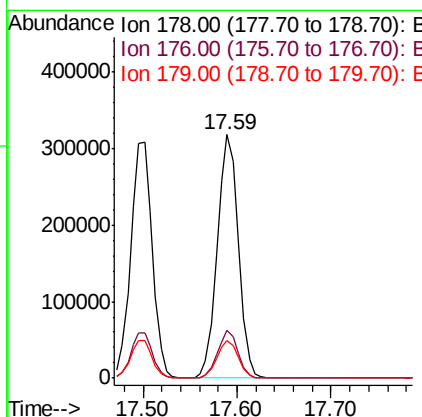
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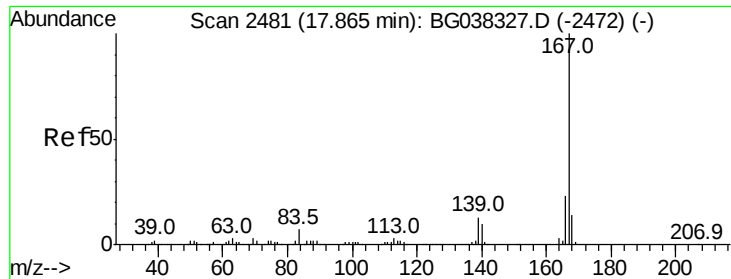
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#72
Anthracene
Concen: 50.013 ng
RT: 17.59 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	15.4	12.8	19.2





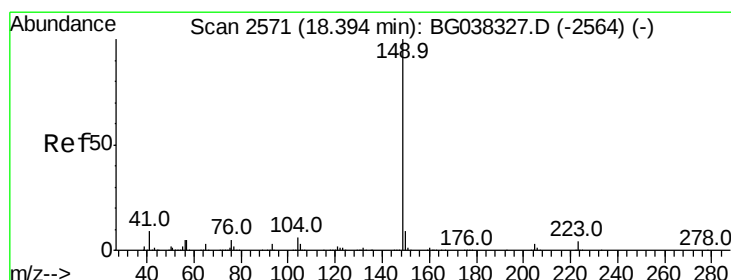
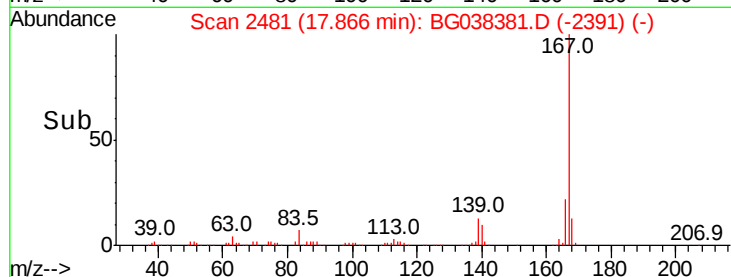
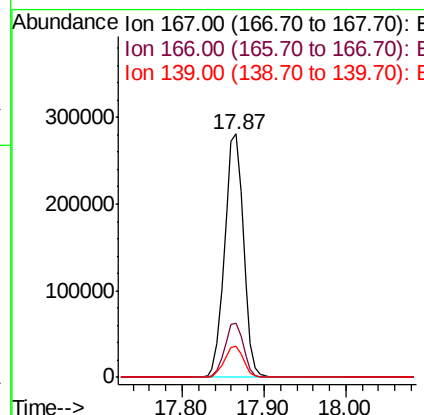
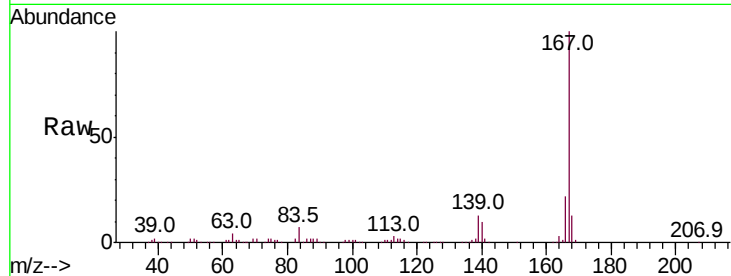
#73
 Carbazole
 Concen: 45.741 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.3	27.5
139	12.8	10.5	15.7

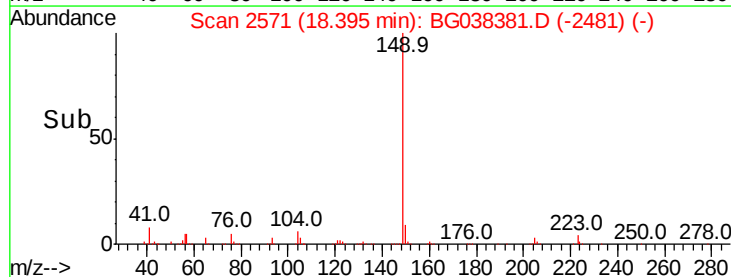
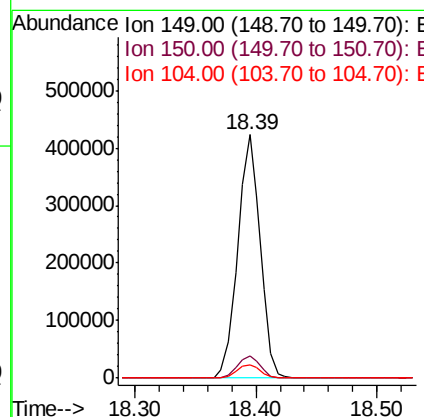
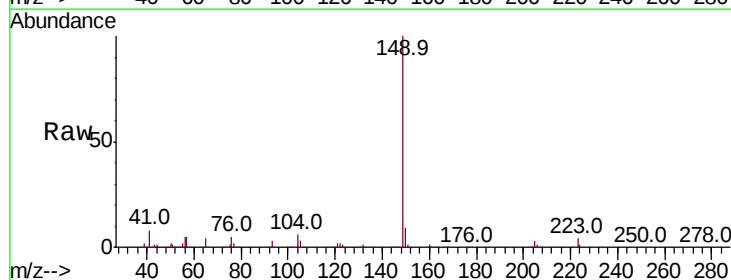
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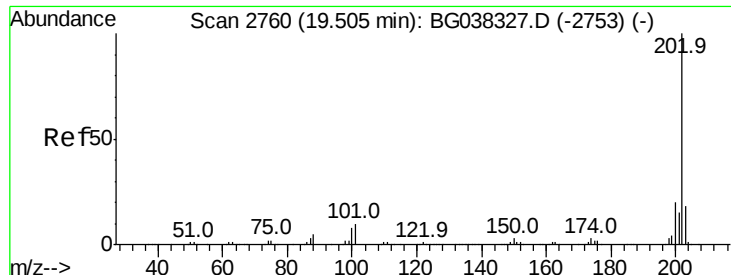
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#74
 Di-n-butylphthalate
 Concen: 47.241 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.7	4.0	6.0





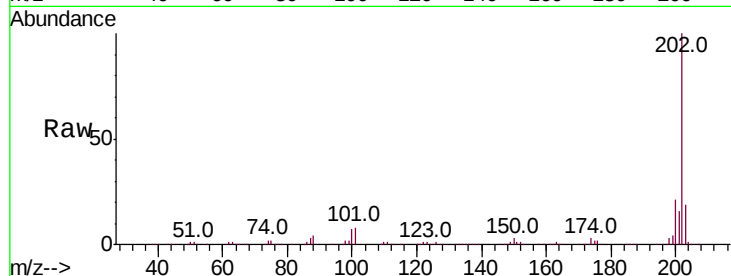
#75
 Fluoranthene
 Concen: 50.250 ng
 RT: 19.51 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

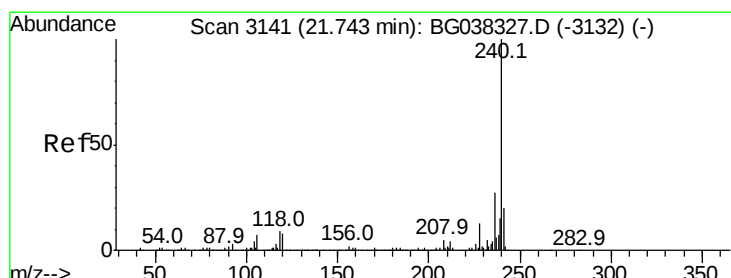
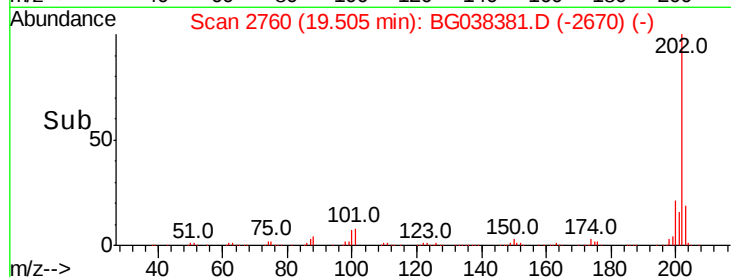
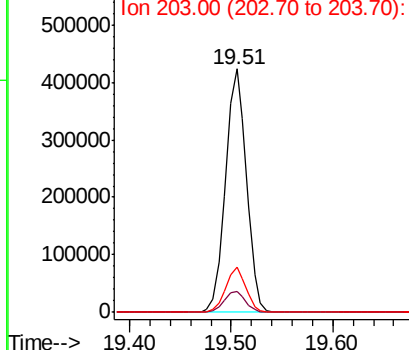
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	0.0	30.7
203	18.8	0.0	38.5

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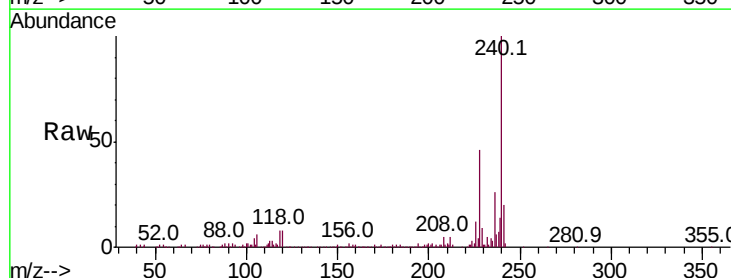


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

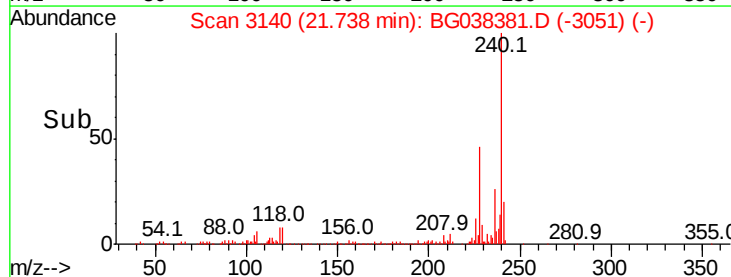
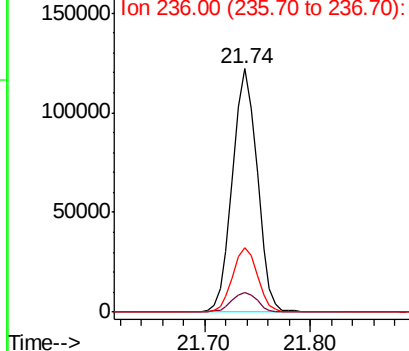


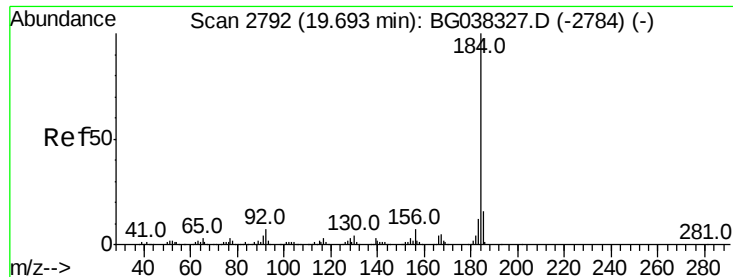
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.9	8.1	12.1#
236	26.2	21.4	32.0



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.561 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

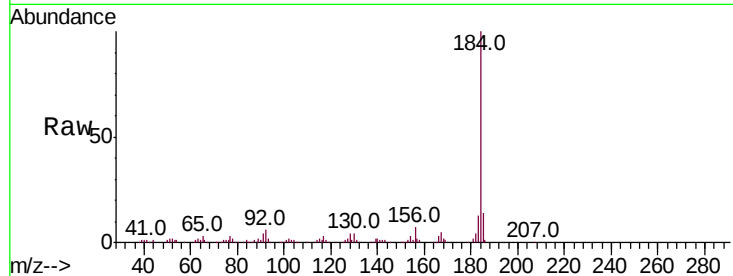
ClientSampleId :

PB115178BS

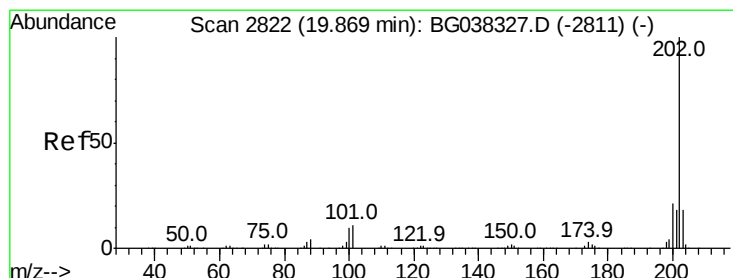
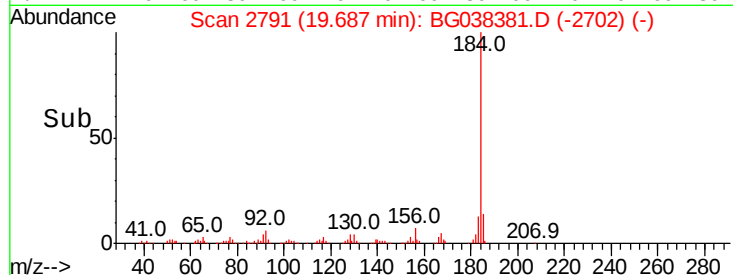
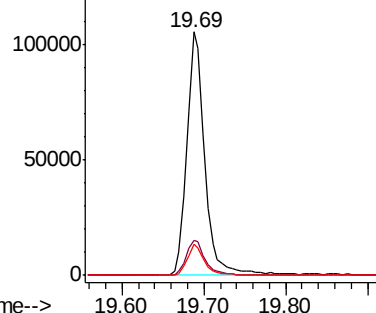
Tot Ion:	184	Resp:	163397
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.6	18.8
183	12.9	10.2	15.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.388 ng

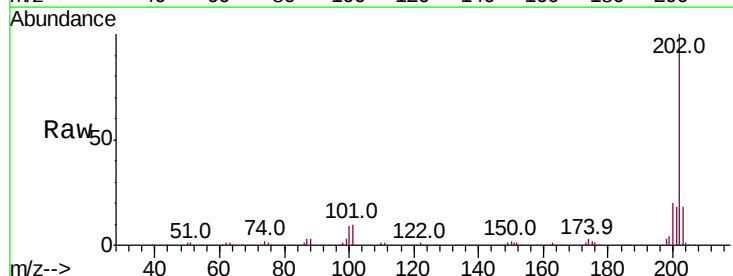
RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

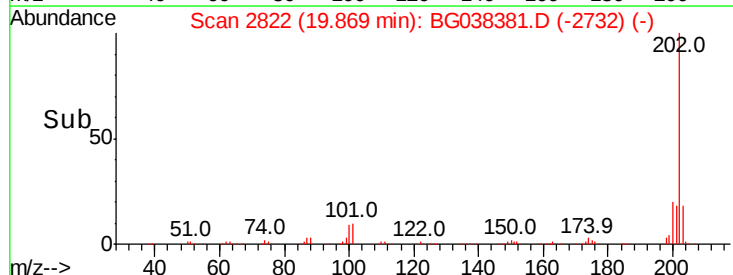
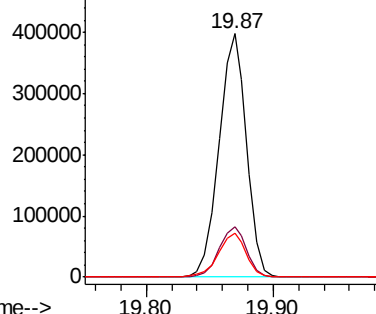
Lab File: BG038381.D

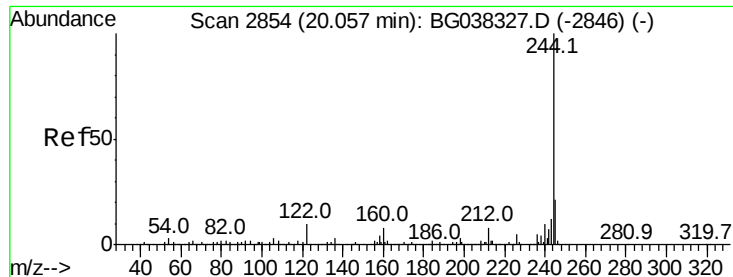
Acq: 6 Dec 2018 12:52

Tgt Ion:	202	Resp:	598503
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.8	26.6
203	18.2	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.197 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

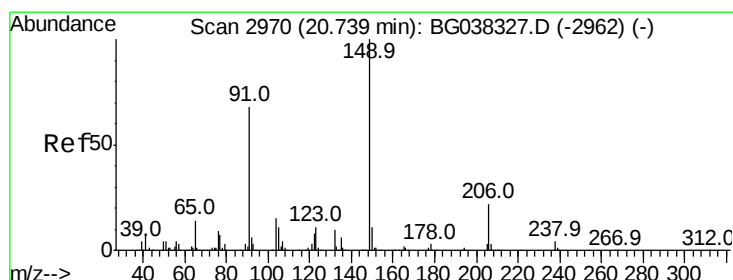
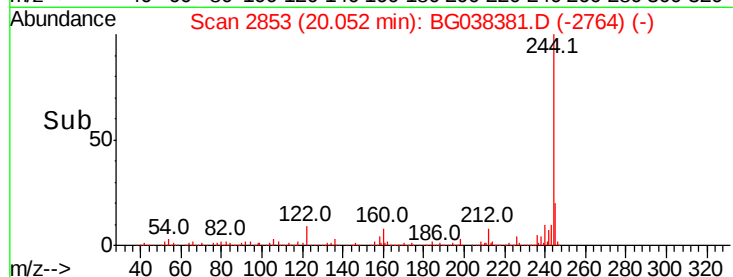
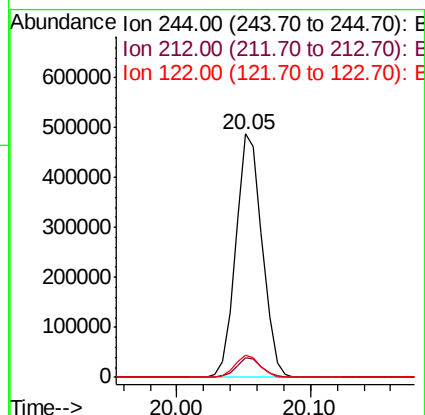
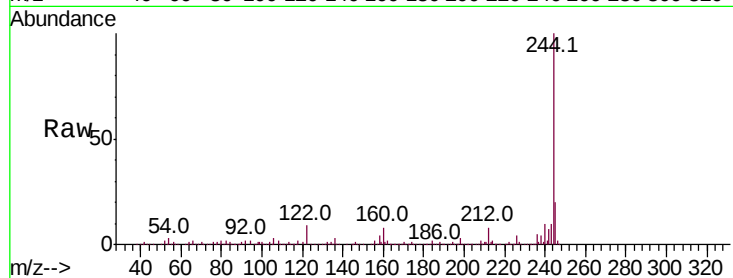
ClientSampleId :

PB115178BS

Tot Ion:	244	Resp:	664430
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.5	9.7
122	9.0	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 44.899 ng

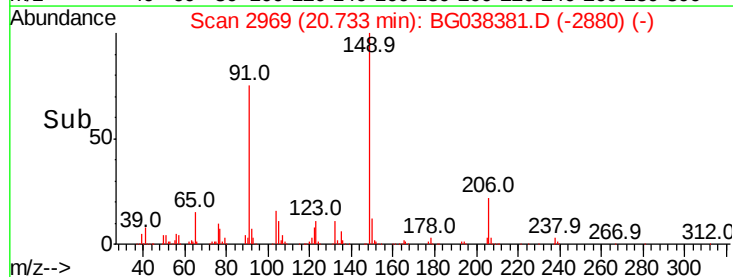
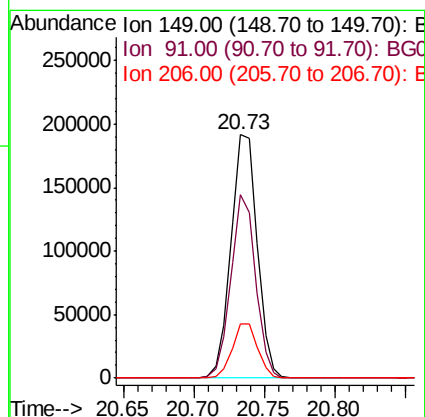
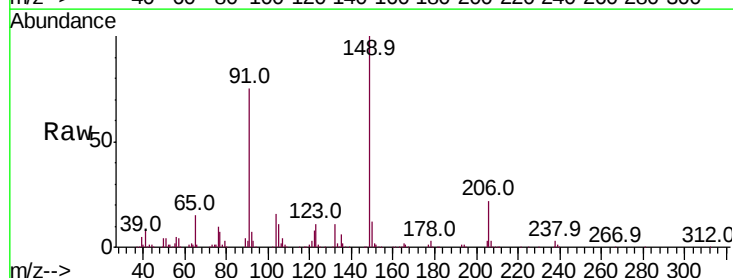
RT: 20.73 min Scan# 2969

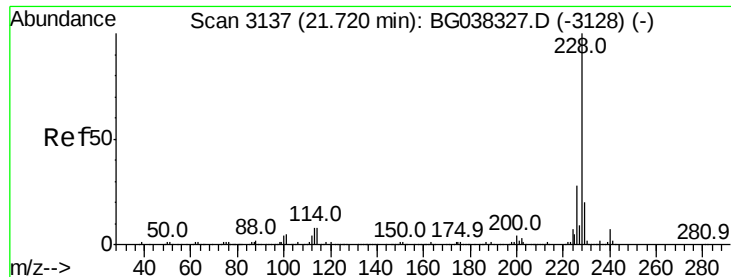
Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:	149	Resp:	249106
Ion Ratio	Lower	Upper	
149	100		
91	75.2	57.0	85.4
206	22.4	17.8	26.6





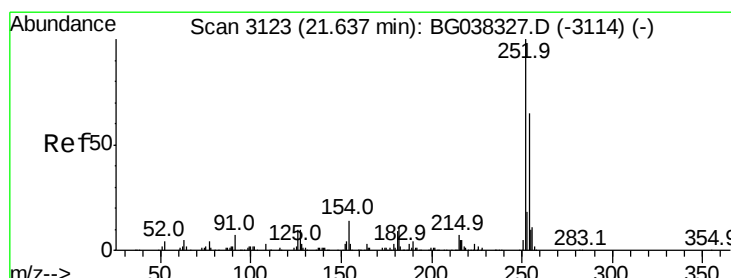
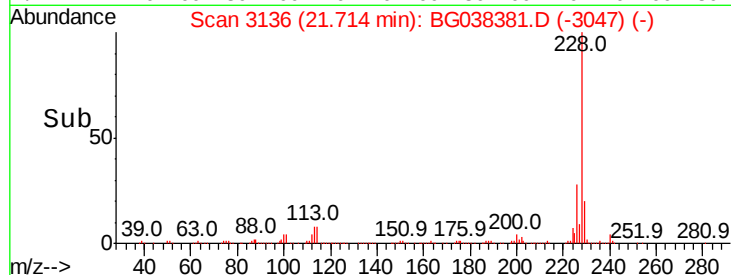
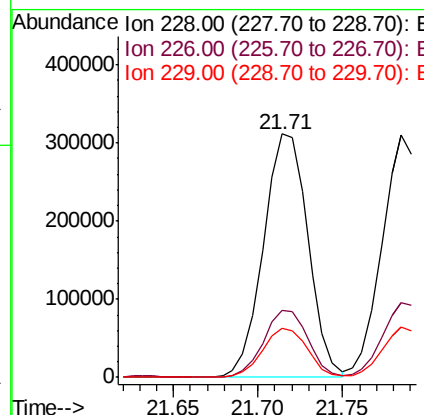
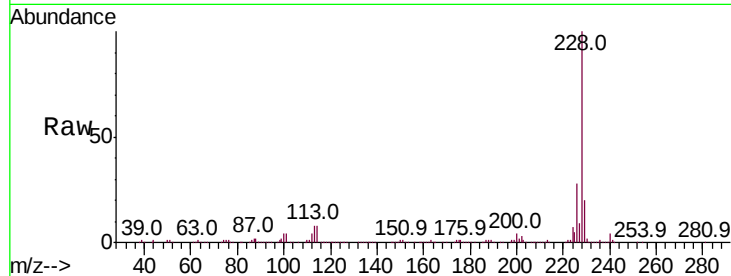
#81
Benzo(a)anthracene
Concen: 46.852 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.3	16.3	24.5

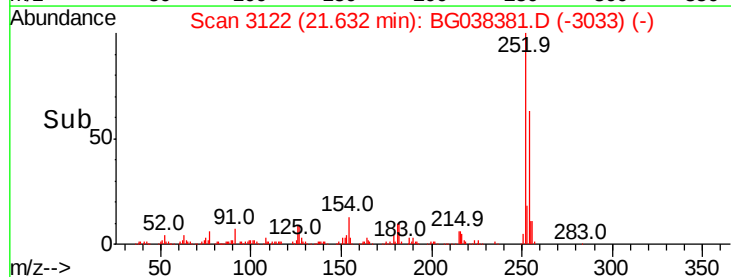
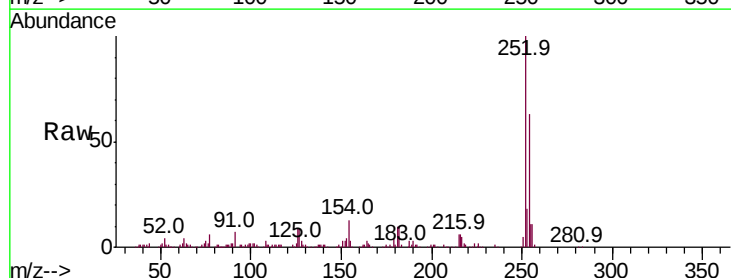
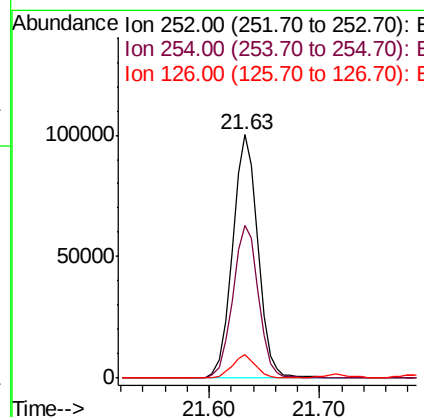
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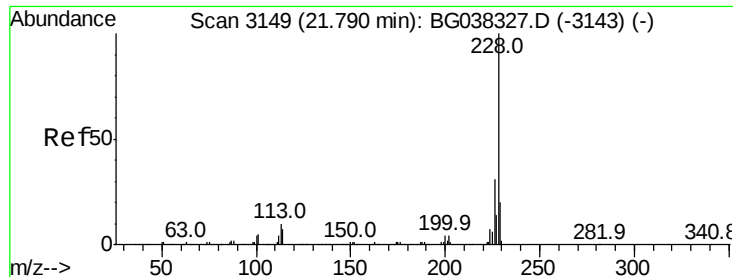
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#82
3,3'-Dichlorobenzidine
Concen: 34.193 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.6	52.0	78.0
126	9.5	8.2	12.4





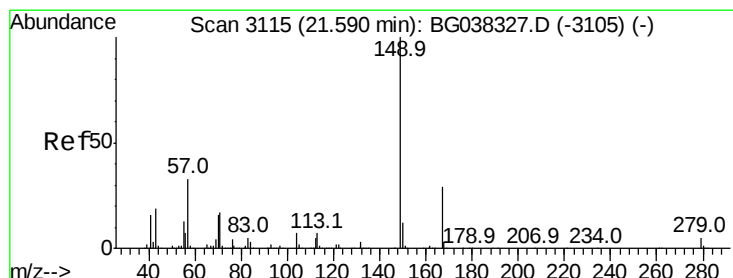
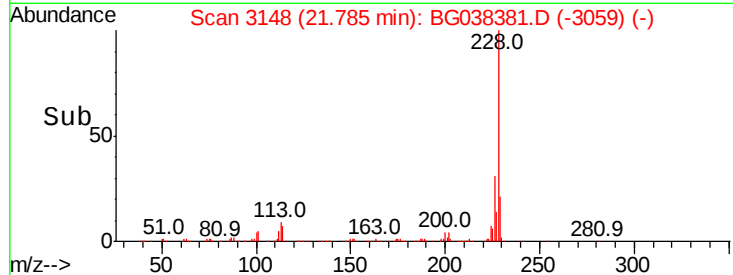
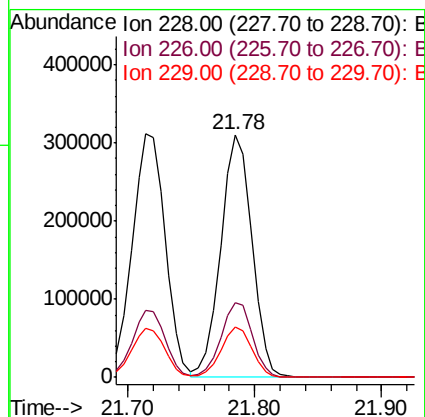
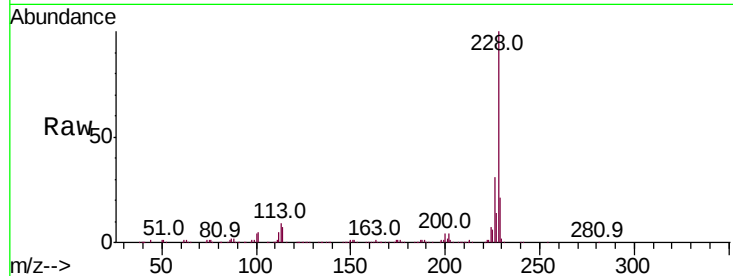
#83
 Chrvsene
 Concen: 46.180 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB115178BS

Tot Ion:	228	Resp:	529528
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.7	38.5
229	20.9	16.5	24.7

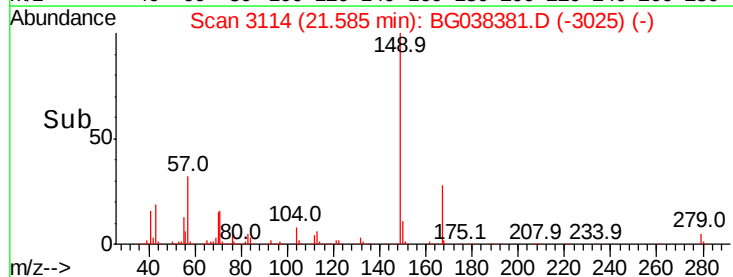
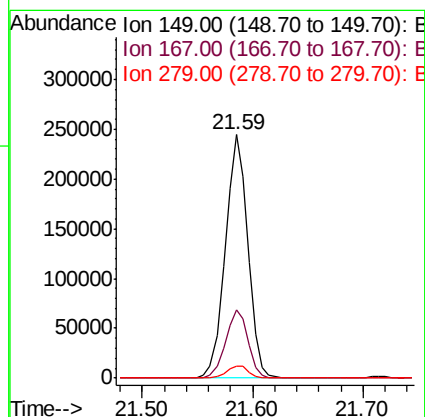
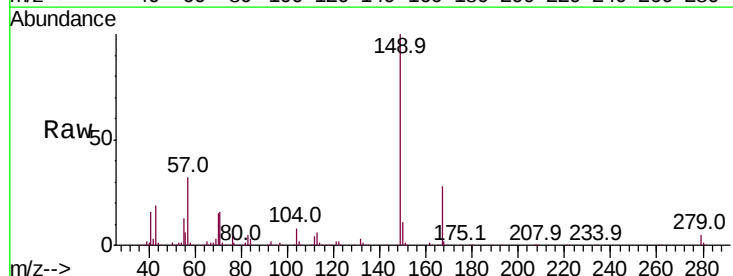
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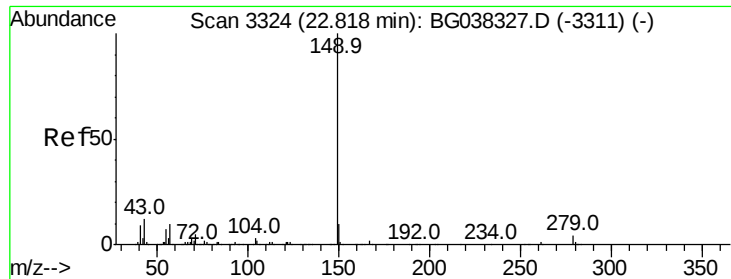
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.210 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038381.D
 Acq: 6 Dec 2018 12:52

Tgt Ion:	149	Resp:	347660
Ion Ratio	Lower	Upper	
149	100		
167	28.1	23.0	34.4
279	4.8	3.6	5.4





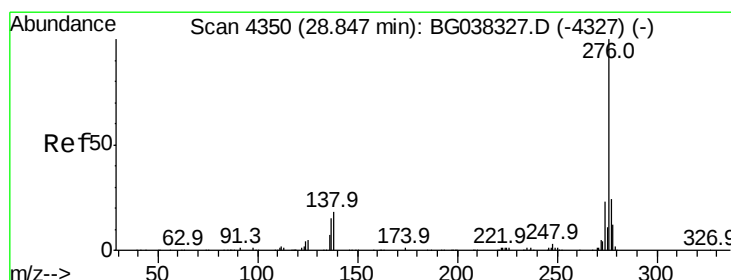
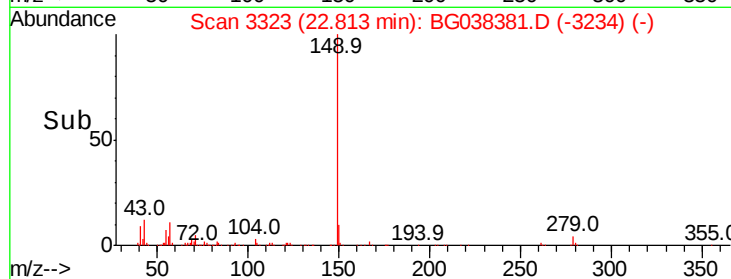
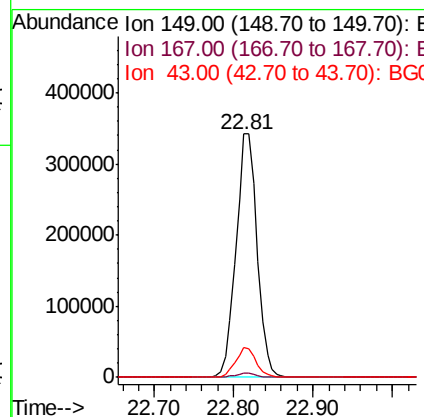
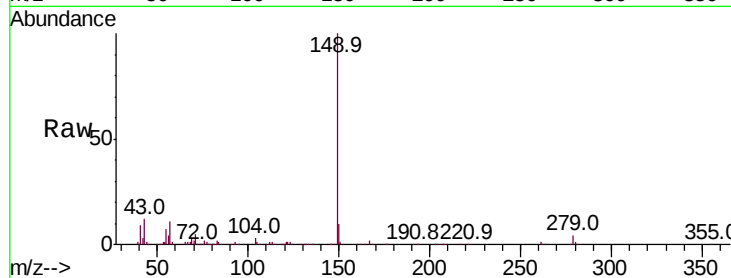
#85
Di-n-octyl phthalate
Concen: 46.687 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	629516		
167	1.6		1.3	1.9
43	11.8		8.7	13.1

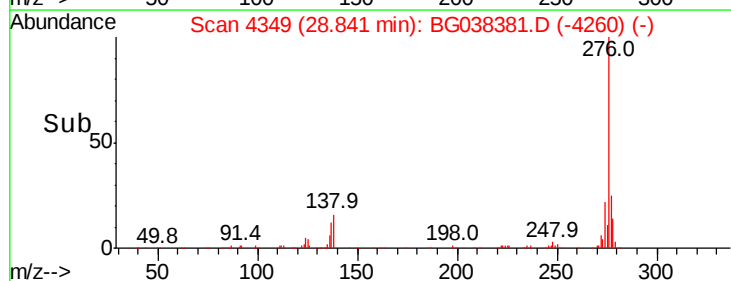
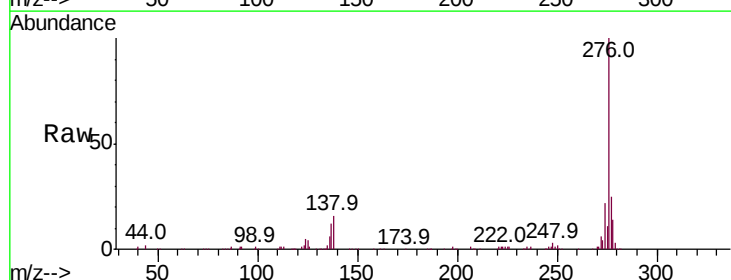
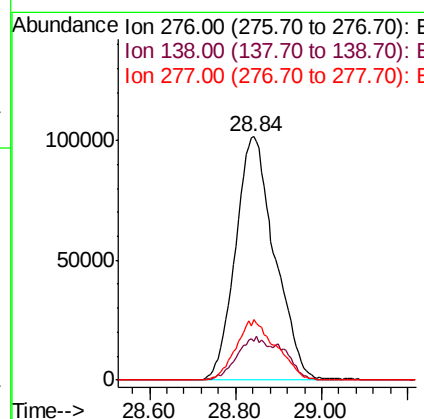
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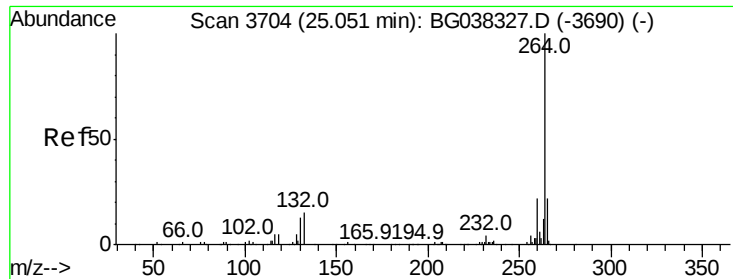
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.576 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	646051		
138	14.7		12.0	18.0
277	25.2		20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

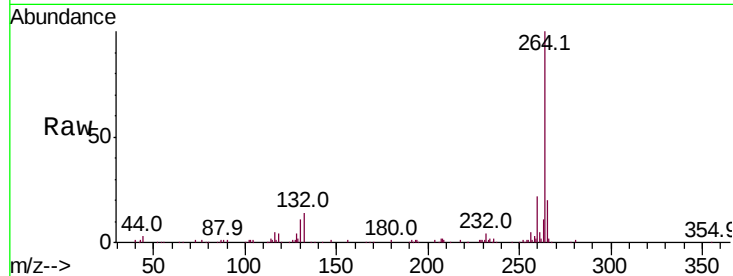
ClientSampleId :

PB115178BS

Tot Ion:	264	Resp:	172003
Ion Ratio	Lower	Upper	
264	100		
260	21.8	18.2	27.4
265	19.7	17.9	26.9

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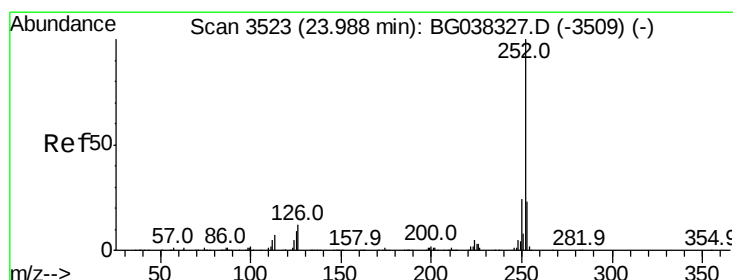
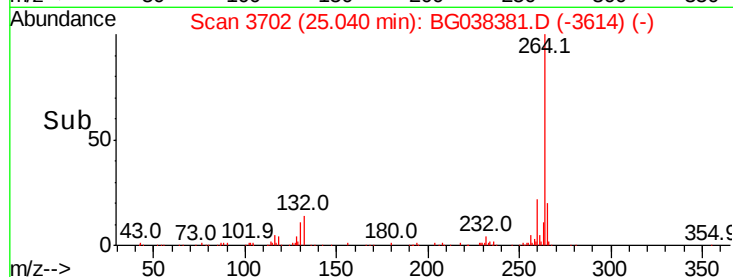
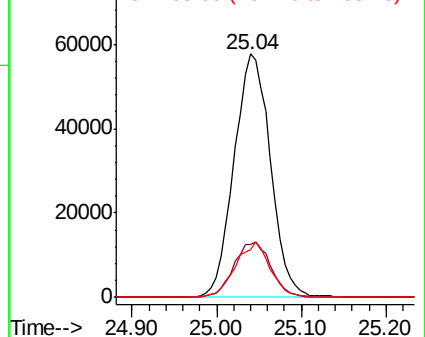


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 59.908 ng

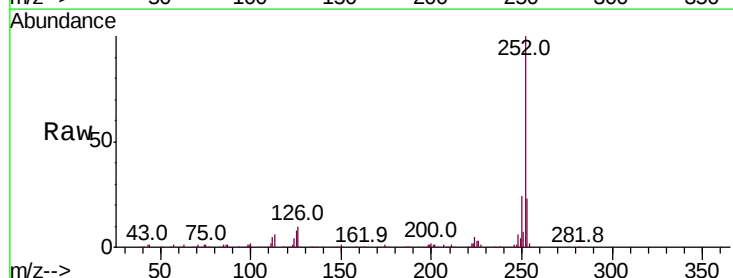
RT: 23.99 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:	252	Resp:	582229
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	7.8	7.8	11.6

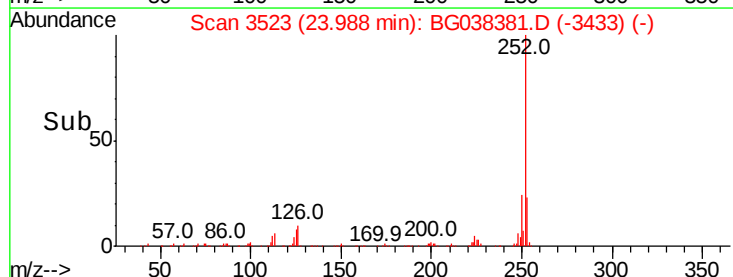
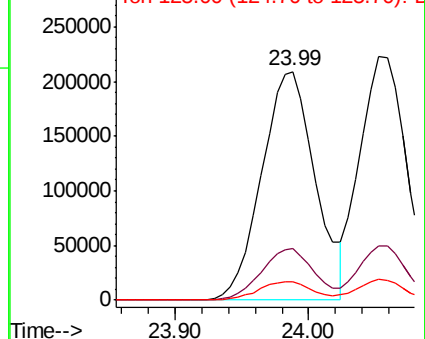


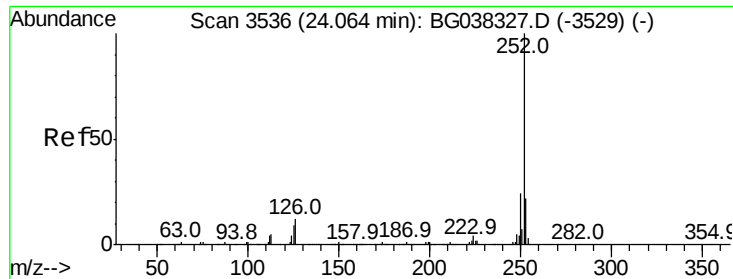
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 55.507 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Instrument :

BNA_G

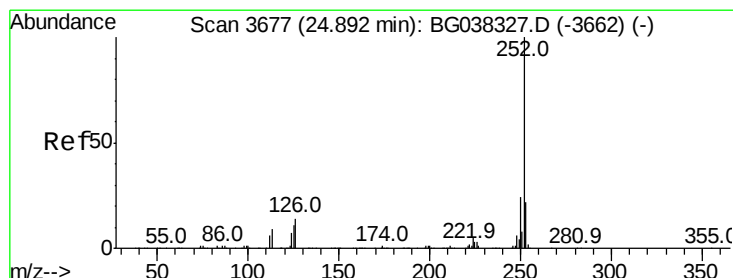
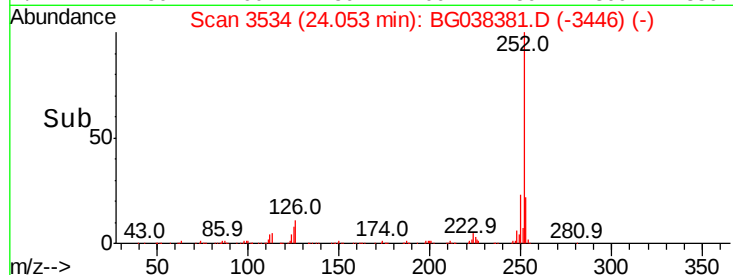
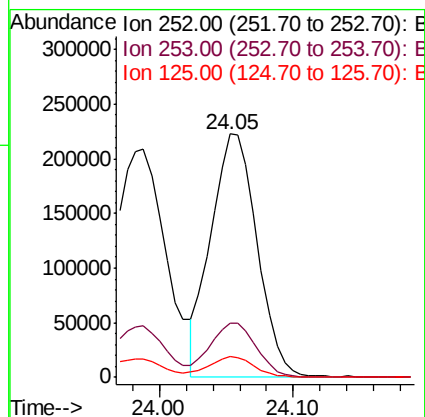
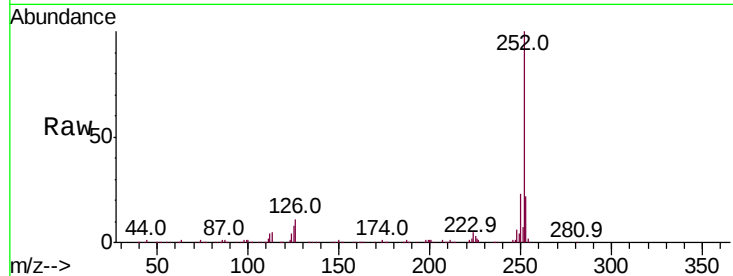
ClientSampleId :

PB115178BS

Tot Ion:	252	Resp:	537282
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	8.4	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 58.009 ng

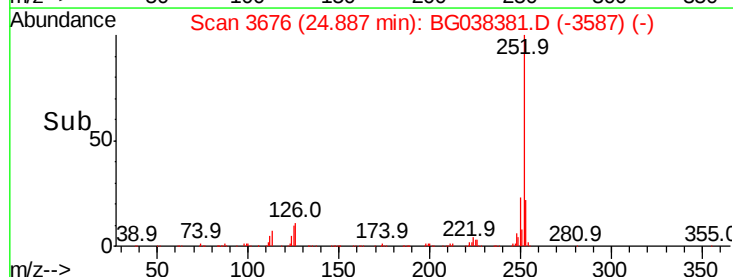
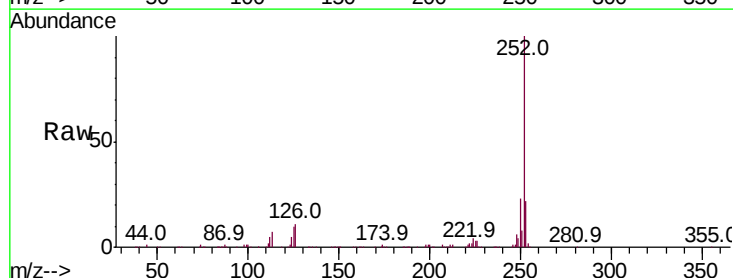
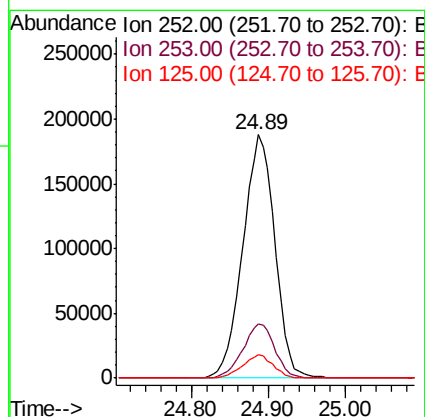
RT: 24.89 min Scan# 3676

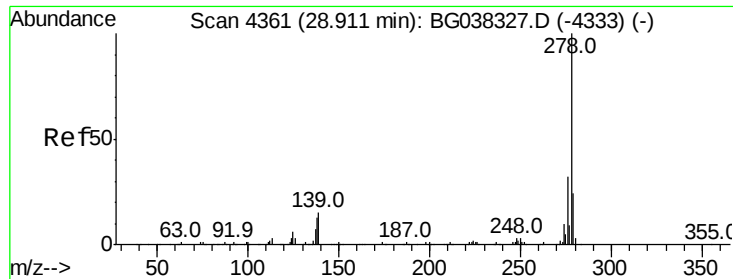
Delta R.T. -0.01 min

Lab File: BG038381.D

Acq: 6 Dec 2018 12:52

Tgt Ion:	252	Resp:	546853
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	9.7	9.0	13.6





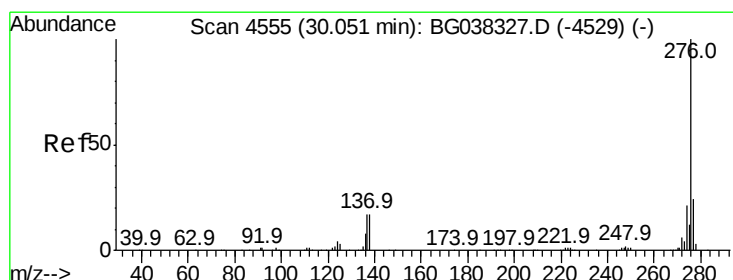
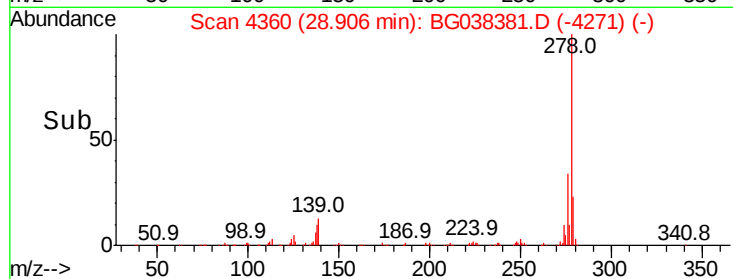
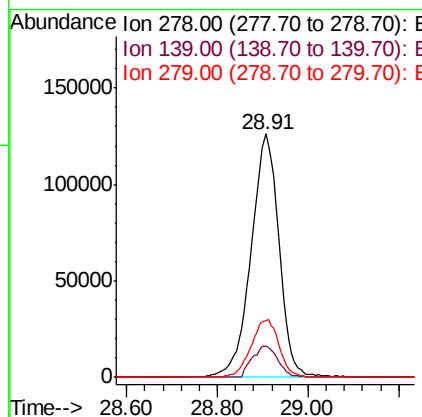
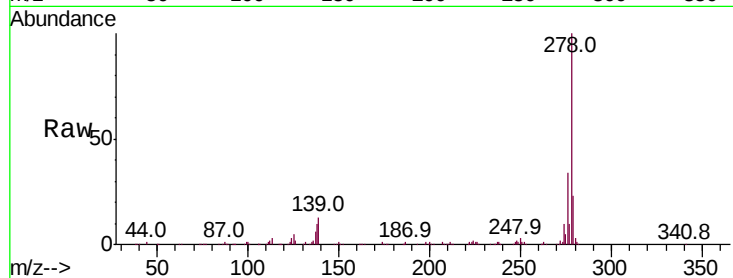
#91
Dibenzo(a,h)anthracene
Concen: 60.170 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	11.5	17.3
279	23.2	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/7/2018 12:20:51 PM



#92
Benzo(g,h,i)perylene
Concen: 60.807 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG038381.D
Acq: 6 Dec 2018 12:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.9	28.3
138	15.8	17.2	25.8#

