

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038309.D
 Acq On : 3 Dec 2018 21:00
 Operator : JU/SJ
 Sample : J6179-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Manual Integrations
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 12/4/2018 5:37:30 PM

Quant Time: Dec 04 05:59:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	12294	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	48524	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	50602	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	179778	20.00	ng	0.00
76) Chrysene-d12	21.75	240	174713	20.00	ng	0.00
87) Perylene-d12	25.06	264	183273	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	61711	86.67	ng	0.00
7) Phenol-d6	7.22	99	112557	110.74	ng	0.00
23) Nitrobenzene-d5	9.25	82	78300	86.38	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	95478	165.44	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	204528	58.88	ng	-0.01
79) Terphenyl-d14	20.06	244	619775	83.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	9020	26.819	ng	# 82
3) Pyridine	3.92	79	17983m	18.744	ng	
4) n-Nitrosodimethylamine	3.84	42	12982	37.297	ng	# 92
6) Aniline	7.40	93	31789	24.233	ng	96
8) 2-Chlorophenol	7.63	128	28279	34.227	ng	98
9) Benzaldehyde	7.22	77	16209	22.052	ng	92
10) Phenol	7.25	94	42405	39.388	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	31874	36.265	ng	90
12) 1,3-Dichlorobenzene	7.96	146	31536	33.132	ng	97
13) 1,4-Dichlorobenzene	8.12	146	32934	34.253	ng	97
14) 1,2-Dichlorobenzene	8.43	146	32315	35.203	ng	95
15) Benzyl Alcohol	8.32	79	28287	38.461	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	59212	36.280	ng	97
17) 2-Methylphenol	8.51	107	27846	38.257	ng	96
18) Hexachloroethane	9.16	117	12114	34.619	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	25158	34.208	ng	95
20) 3+4-Methylphenols	8.83	107	38273	37.092	ng	98
22) Acetophenone	8.90	105	48374	40.068	ng	# 96
24) Nitrobenzene	9.30	77	50081	54.008	ng	97
25) Isophorone	9.81	82	78564	48.152	ng	100
26) 2-Nitrophenol	10.01	139	15569	33.632	ng	96
27) 2,4-Dimethylphenol	10.05	122	30239	43.354	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	37829	36.259	ng	95
29) 2,4-Dichlorophenol	10.54	162	30240	38.545	ng	95
30) 1,2,4-Trichlorobenzene	10.75	180	29759	33.850	ng	100
31) Naphthalene	10.94	128	91495	38.336	ng	98
32) Benzoic acid	10.15	122	4863	20.379	ng	91
33) 4-Chloroaniline	11.06	127	36597	32.965	ng	98
34) Hexachlorobutadiene	11.21	225	17359	32.083	ng	97
35) Caprolactam	11.82	113	21123m	67.266	ng	
36) 4-Chloro-3-methylphenol	12.16	107	49523	57.779	ng	97
37) 2-Methylnaphthalene	12.55	142	79457	46.348	ng	98
38) 1-Methylnaphthalene	12.76	142	80213	48.609	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	44760	26.471	ng	98

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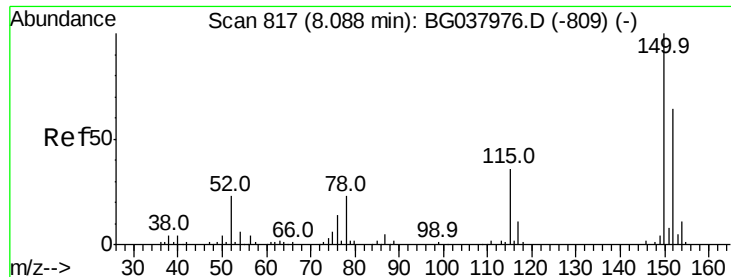
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	47473	52.431	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	36870	31.999	nq	96
44) 2,4,5-Trichlorophenol	13.22	196	44988	37.108	nq	96
46) 1,1'-Biphenyl	13.55	154	116941	27.508	nq	99
47) 2-Chloronaphthalene	13.59	162	98401	30.333	nq	99
48) 2-Nitroaniline	13.80	65	45235	44.306	nq	95
49) Acenaphthylene	14.44	152	190147	38.979	nq	98
50) Dimethylphthalate	14.16	163	191739	47.796	nq	98
51) 2,6-Dinitrotoluene	14.29	165	40037	44.097	nq	98
52) Acenaphthene	14.77	154	108173	36.834	nq	97
53) 3-Nitroaniline	14.63	138	40159	40.084	nq	# 98
54) 2,4-Dinitrophenol	14.83	184	46734	93.589	nq	89
55) Dibenzofuran	15.11	168	191642	39.464	nq	94
56) 4-Nitrophenol	14.93	139	81671	105.696	nq	89
57) 2,4-Dinitrotoluene	15.08	165	67943	55.000	nq	96
58) Fluorene	15.76	166	168694	46.559	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	50536	49.815	nq	98
60) Diethylphthalate	15.51	149	206619	48.492	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	86035	40.581	nq	98
62) 4-Nitroaniline	15.79	138	54774	55.035	nq	90
63) Azobenzene	16.04	77	176530	46.337	nq	95
65) 4,6-Dinitro-2-methylphenol	15.84	198	41304	36.324	nq	93
66) n-Nitrosodiphenylamine	15.97	169	168128	30.913	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	60581	30.702	nq	95
68) Hexachlorobenzene	16.75	284	67623	33.201	nq	96
69) Atrazine	16.91	200	77410	38.610	nq	98
70) Pentachlorophenol	17.10	266	83305	60.222	nq	92
71) Phenanthrene	17.51	178	351137	38.149	nq	99
72) Anthracene	17.59	178	358976	39.565	nq	99
73) Carbazole	17.87	167	336328	36.947	nq	99
74) Di-n-butylphthalate	18.40	149	412391	40.357	nq	98
75) Fluoranthene	19.51	202	441306	42.023	nq	99
77) Benzidine	19.70	184	88089	14.369	nq	98
78) Pyrene	19.87	202	441605	38.660	nq	98
80) Butylbenzylphthalate	20.74	149	181536	36.341	nq	99
81) Benzo(a)anthracene	21.72	228	403039	38.174	nq	98
82) 3,3'-Dichlorobenzidine	21.64	252	99340	24.154	nq	97
83) Chrysene	21.79	228	375851	37.206	nq	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	249731	35.055	nq	98
85) Di-n-octyl phthalate	22.83	149	446082	38.705	nq	98
86) Indeno(1,2,3-cd)pyrene	28.86	276	426026	37.972	nq	# 93
88) Benzo(b)fluoranthene	24.00	252	422481	41.890	nq	99
89) Benzo(k)fluoranthene	24.07	252	397026	39.894	nq	100
90) Benzo(a)pyrene	24.90	252	374987	38.905	nq	99
91) Dibenzo(a,h)anthracene	28.92	278	350191	37.760	nq	98
92) Benzo(g,h,i)perylene	30.07	276	353746	38.362	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

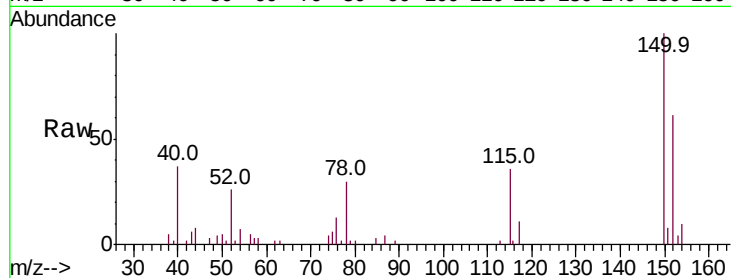
ClientSampleId :

S1-0-0.5-BGSMS

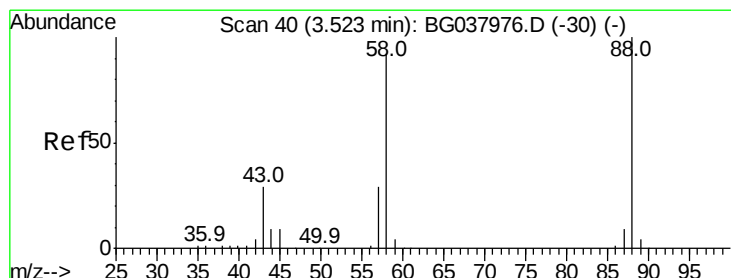
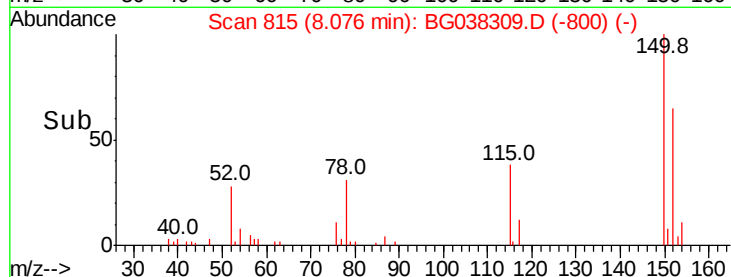
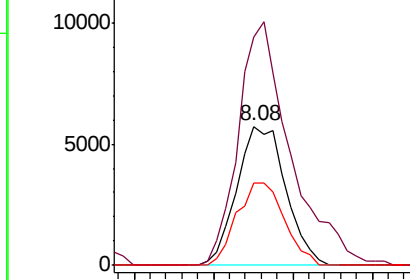
Tot Ion:	152	Resp:	12294
Ion Ratio	Lower	Upper	
152	100		
150	163.8	126.0	189.0
115	59.1	45.5	68.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.819 ng

RT: 3.50 min Scan# 37

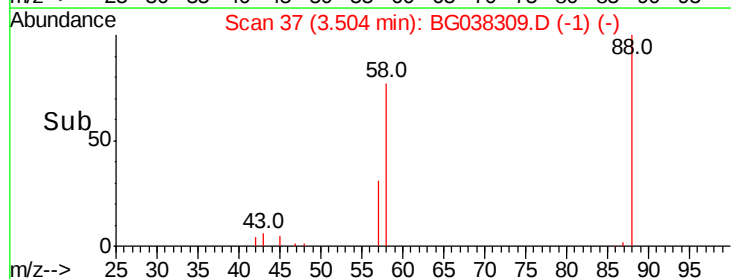
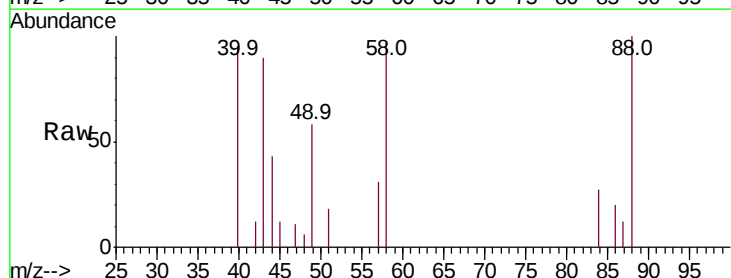
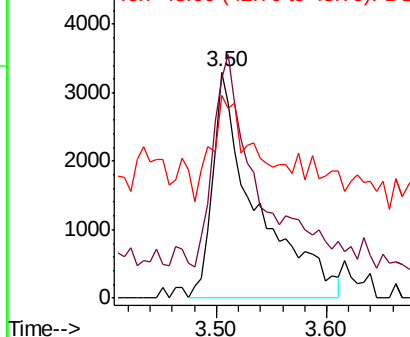
Delta R.T. -0.02 min

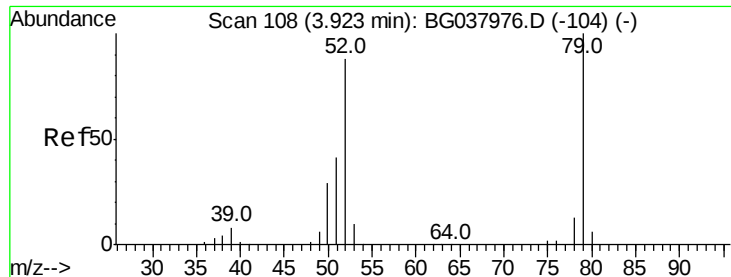
Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	88	Resp:	9020
Ion Ratio	Lower	Upper	
88	100		
58	76.6	74.4	111.6
43	44.7	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: 18.744 ng/ml

RT: 3.92 min Scan# 108

Delta R.T. -0.00 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion: 79 Resp: 17983

Ion Ratio Lower Upper

79 100

52 86.4 74.2 111.2

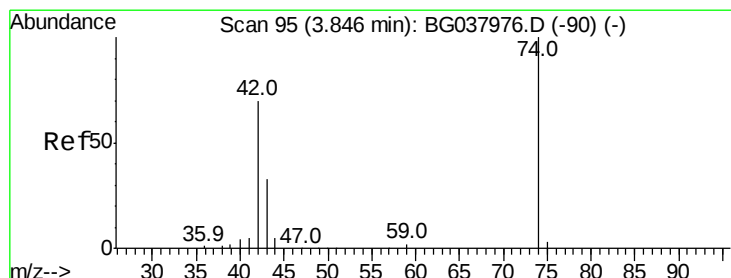
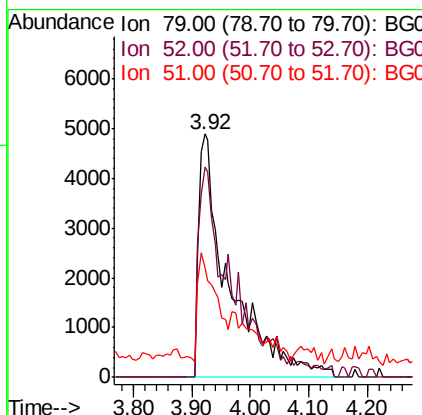
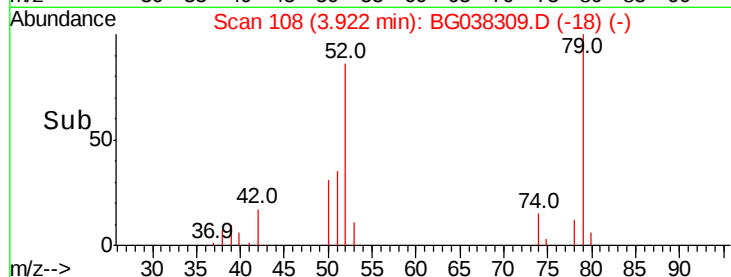
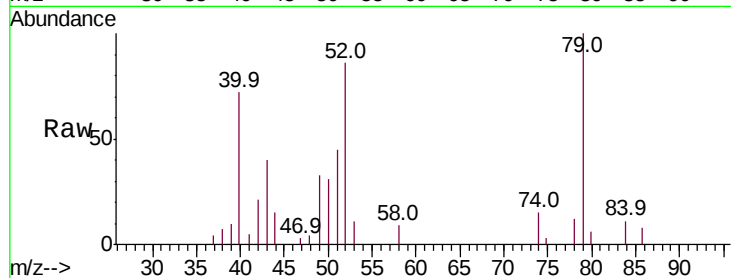
51 44.8 34.6 51.8

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#4

n-Nitrosodimethylamine

Concen: 37.297 ng/ml

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

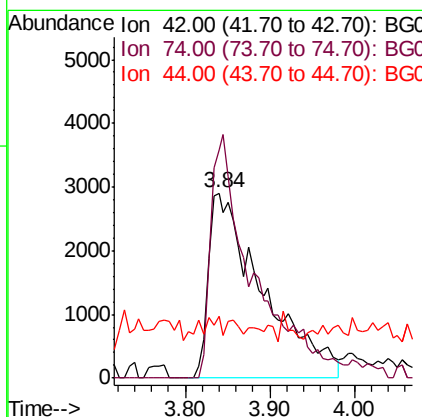
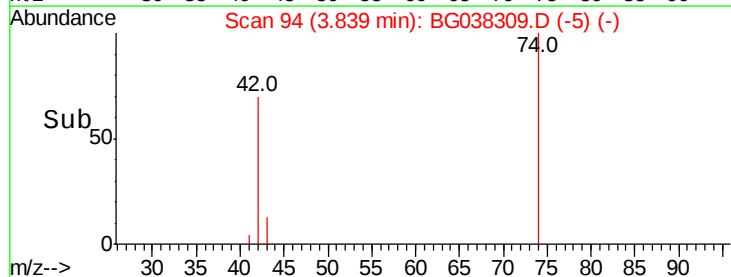
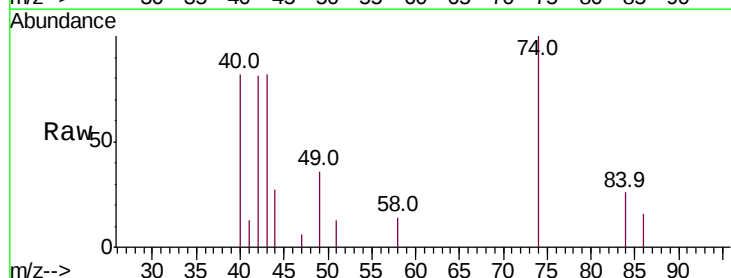
Tgt Ion: 42 Resp: 12982

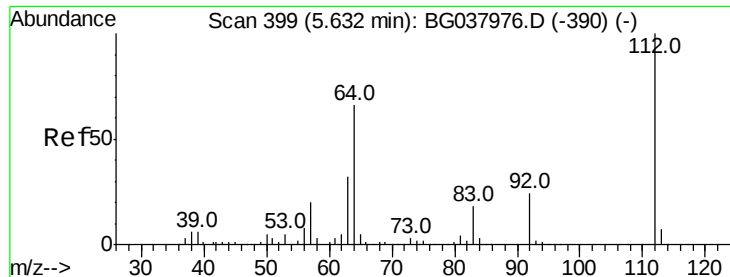
Ion Ratio Lower Upper

42 100

74 122.9 102.0 153.0

44 33.4 9.6 14.4#





#5

2-Fluorophenol

Concen: 86.667 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

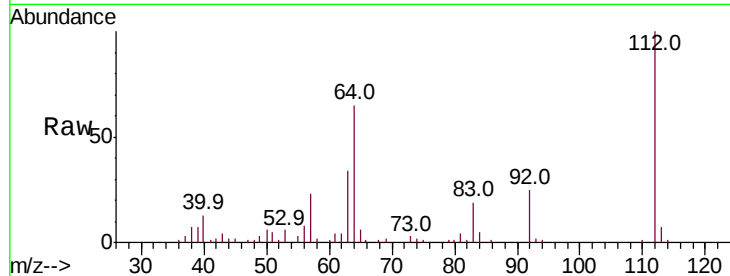
ClientSampleId :

S1-0-0.5-BGSMS

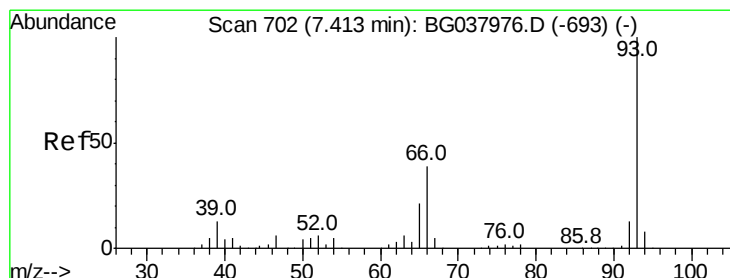
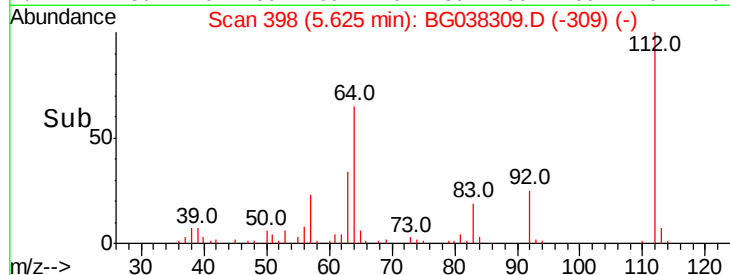
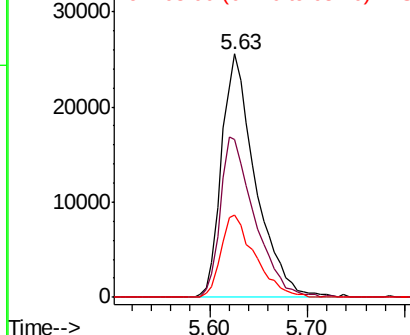
Tot Ion:	112	Resp:	61711
Ion Ratio	Lower	Upper	
112	100		
64	65.1	53.1	79.7
63	33.8	27.3	40.9

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.233 ng

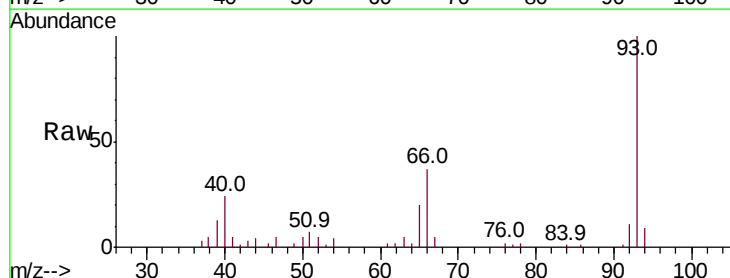
RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

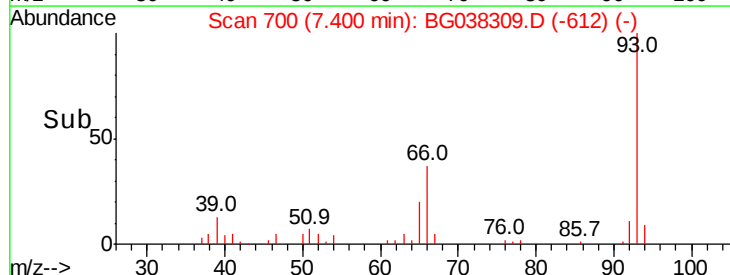
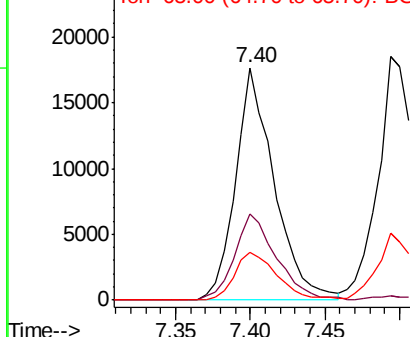
Lab File: BG038309.D

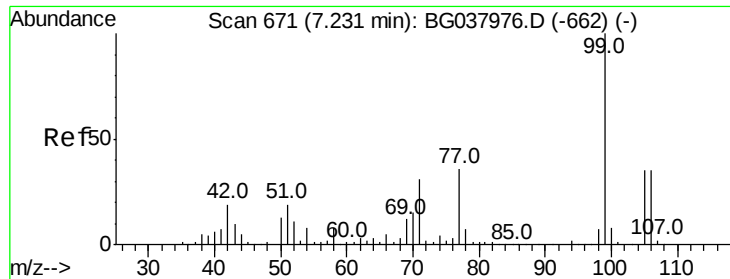
Acq: 3 Dec 2018 21:00

Tgt Ion:	93	Resp:	31789
Ion Ratio	Lower	Upper	
93	100		
66	36.9	32.8	49.2
65	20.4	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.740 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

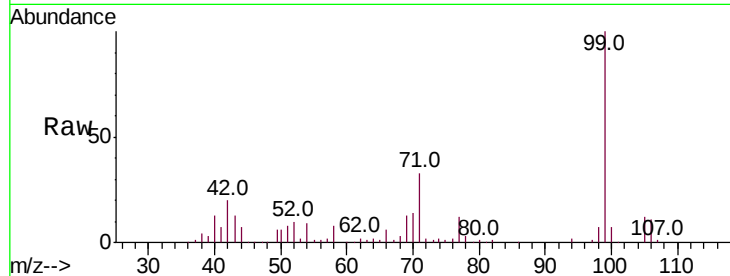
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S1-0-0.5-BGSMS

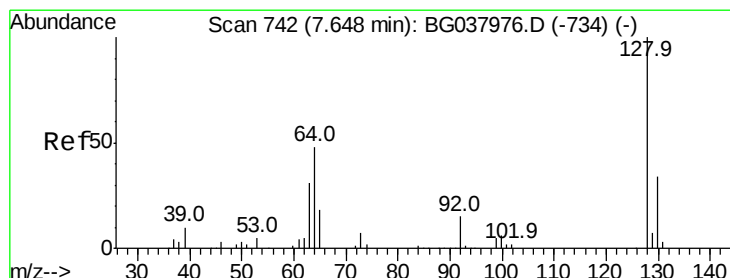
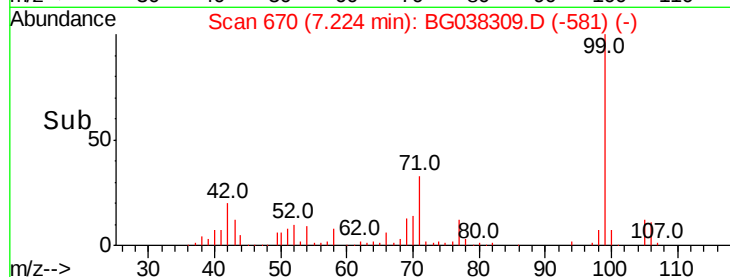
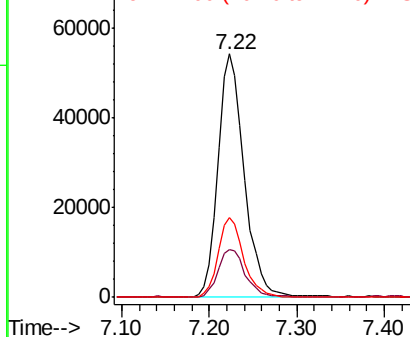
Tot Ion:	99	Resp:	112557
Ion Ratio	Lower	Upper	
99	100		
42	19.6	15.0	22.4
71	32.9	25.5	38.3

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



#8

2-Chlorophenol

Concen: 34.227 ng

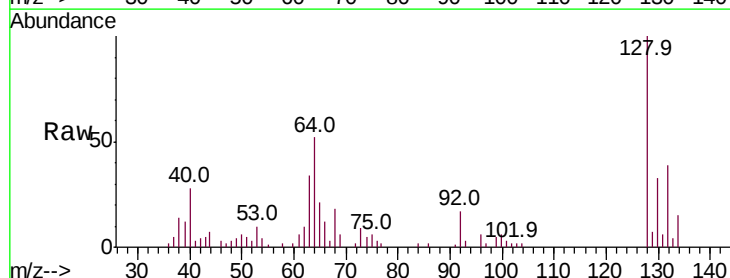
RT: 7.63 min Scan# 740

Delta R.T. -0.01 min

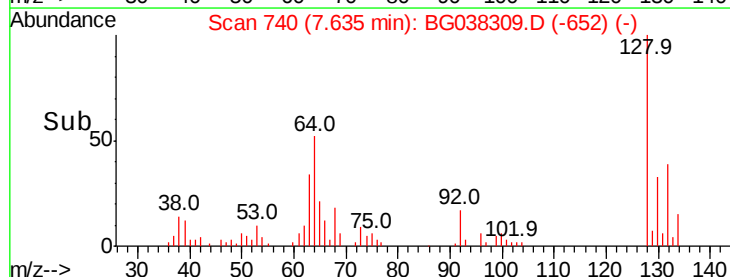
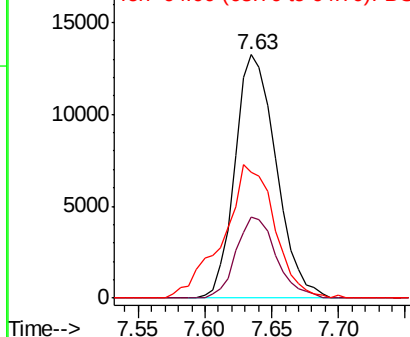
Lab File: BG038309.D

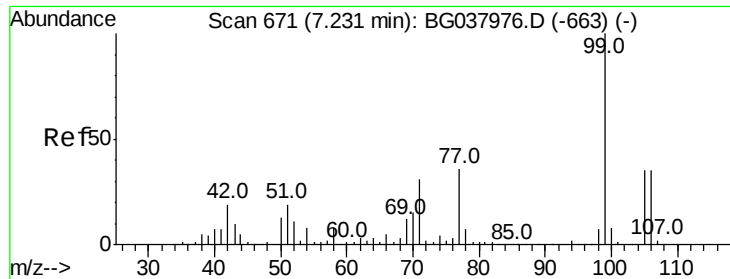
Acq: 3 Dec 2018 21:00

Tgt Ion:	128	Resp:	28279
Ion Ratio	Lower	Upper	
128	100		
130	33.1	12.0	52.0
64	51.5	32.9	72.9



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





#9

Benzaldehyde

Concen: 22.052 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion: 77 Resp: 16209

Ion Ratio Lower Upper

77 100

105 96.0 72.6 112.6

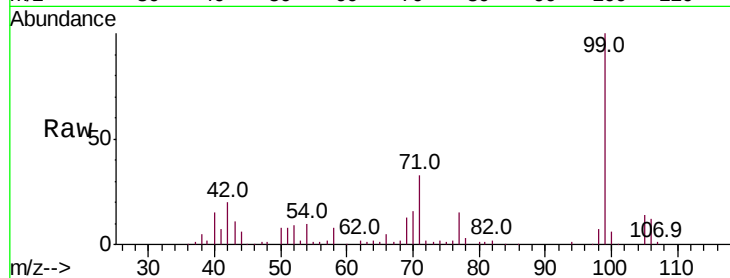
106 79.6 71.3 111.3

Manual Integrations

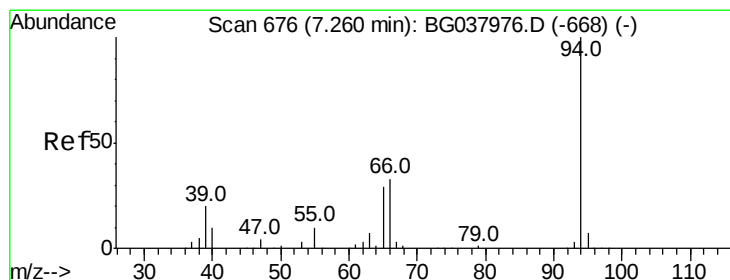
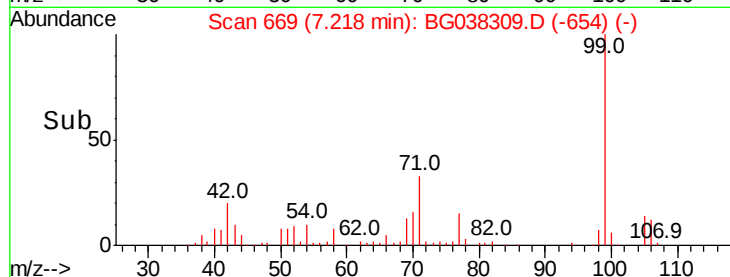
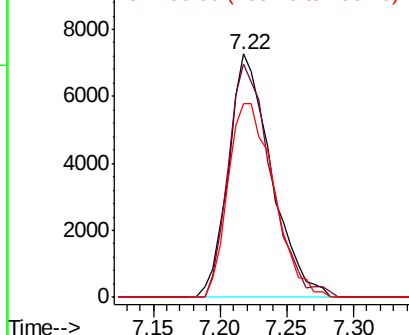
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.388 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

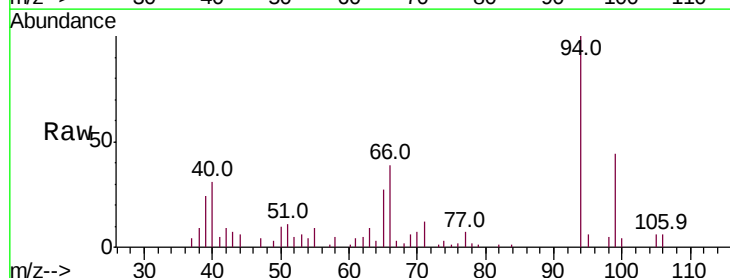
Tgt Ion: 94 Resp: 42405

Ion Ratio Lower Upper

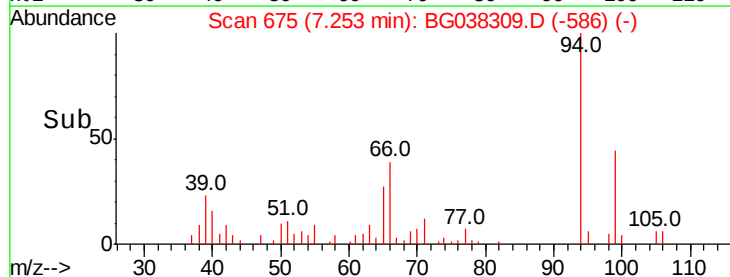
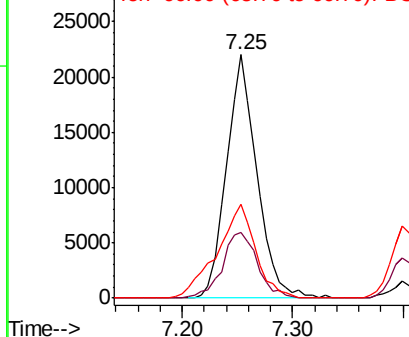
94 100

65 27.2 9.7 49.7

66 38.6 15.9 55.9



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





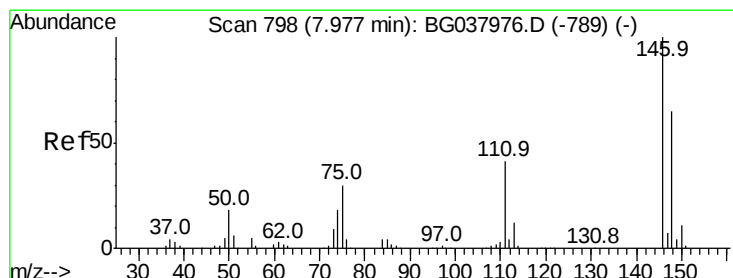
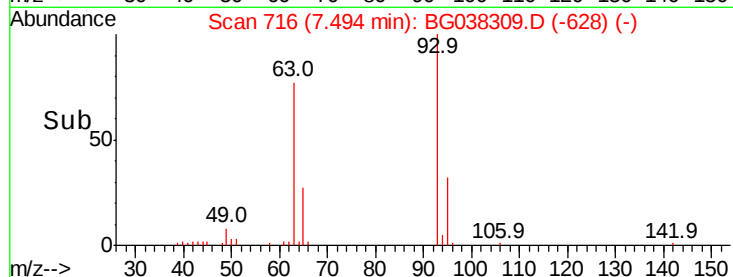
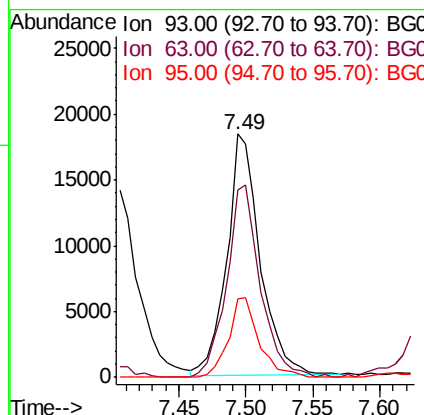
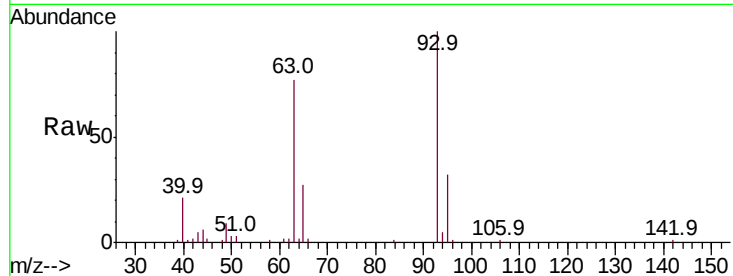
#11
bis(2-Chloroethyl)ether
Concen: 36.265 ng
RT: 7.49 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.8	69.5	109.5
95	32.0	12.6	52.6

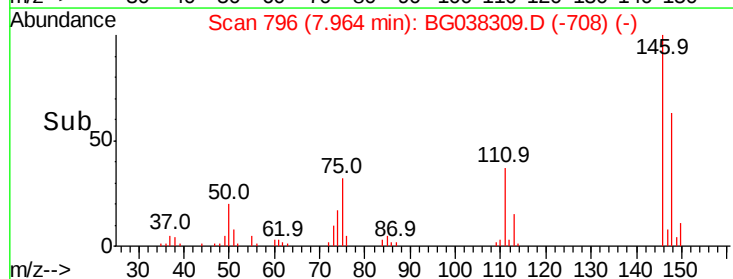
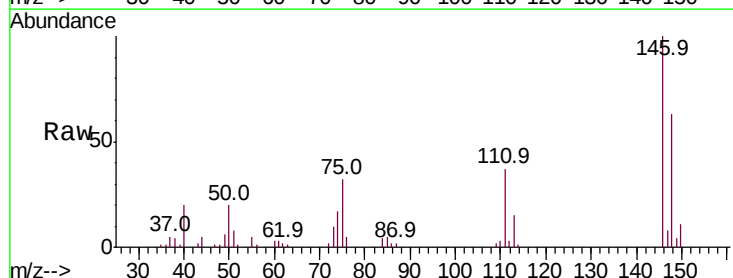
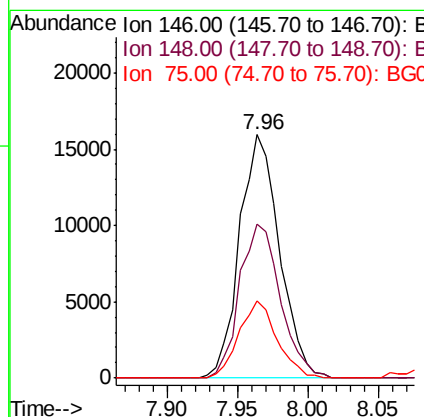
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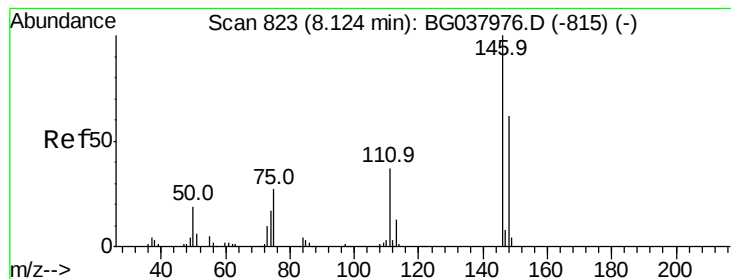
mohammad
12/4/2018 5:37:30 PM



#12
1,3-Dichlorobenzene
Concen: 33.132 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	49.8	74.8
75	31.6	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 34.253 ng

RT: 8.12 min Scan# 822

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

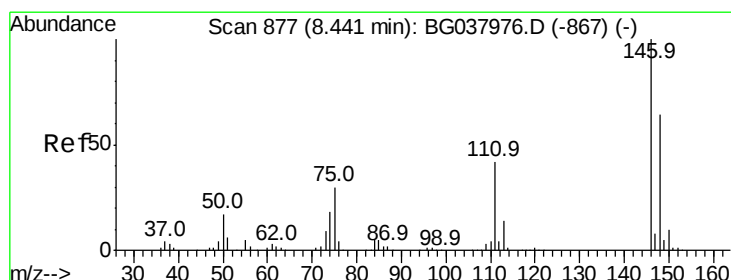
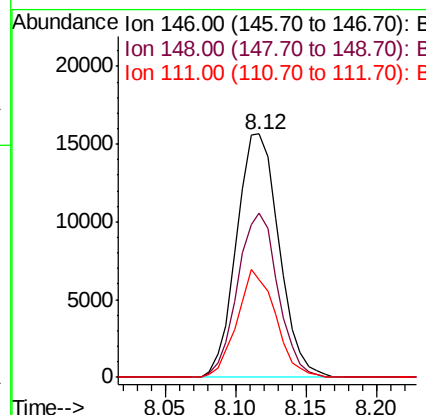
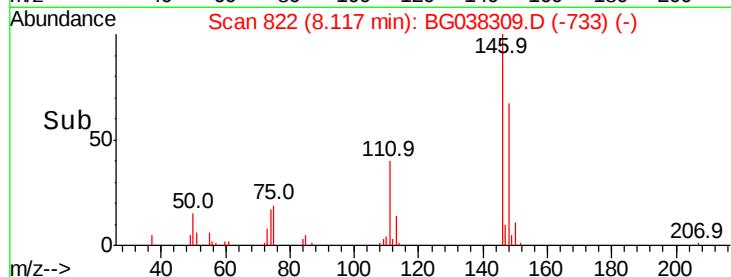
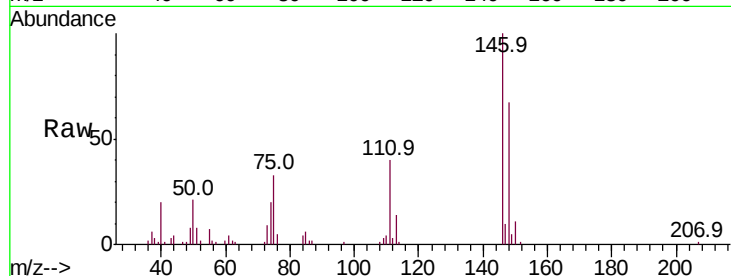
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	146	Resp:	32934
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.0	76.6
111	40.3	32.4	48.6

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#14

1,2-Dichlorobenzene

Concen: 35.203 ng

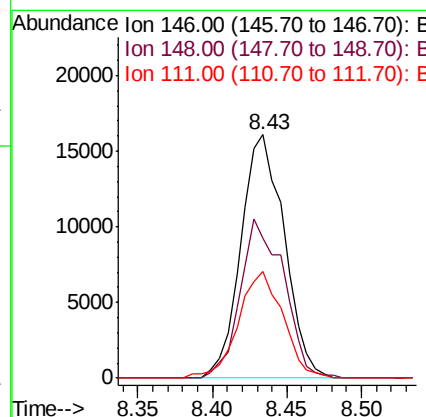
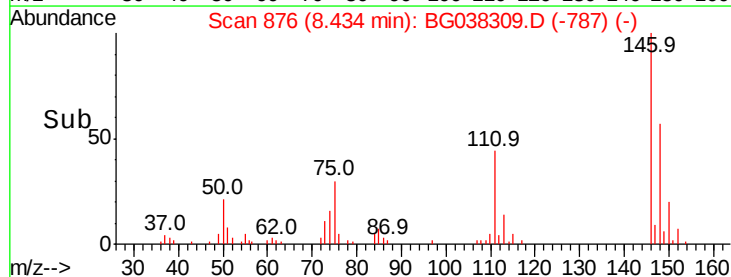
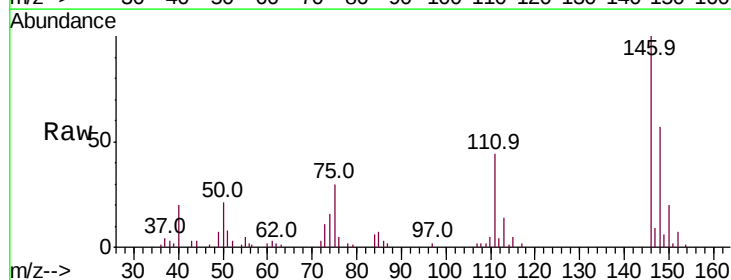
RT: 8.43 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	146	Resp:	32315
Ion Ratio	Lower	Upper	
146	100		
148	57.4	50.4	75.6
111	43.9	34.6	51.8





#15

Benzyl Alcohol

Concen: 38.461 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

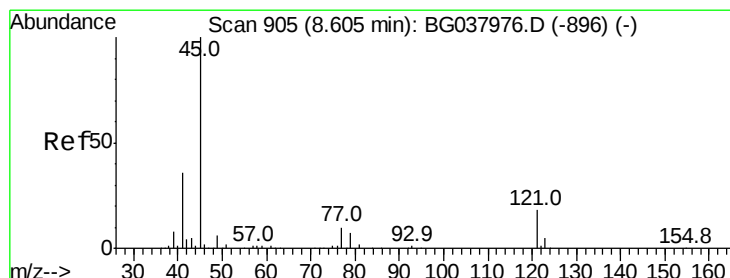
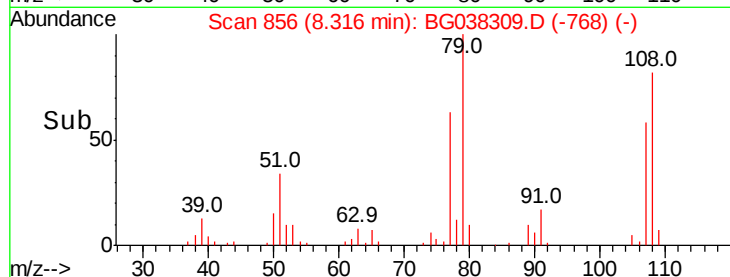
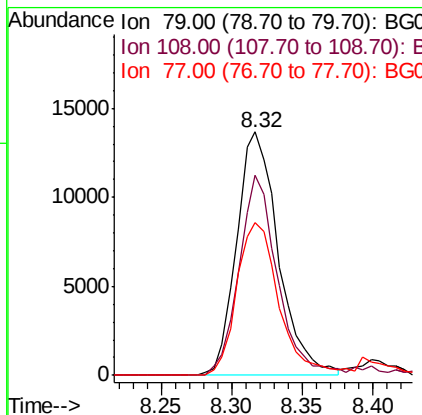
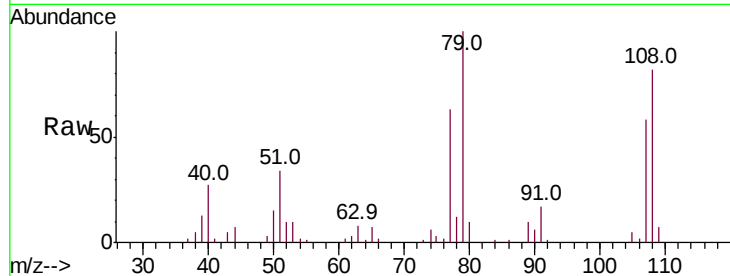
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	79	Resp:	28287
Ion Ratio	Lower	Upper	
79	100		
108	82.2	65.8	98.8
77	62.8	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.280 ng

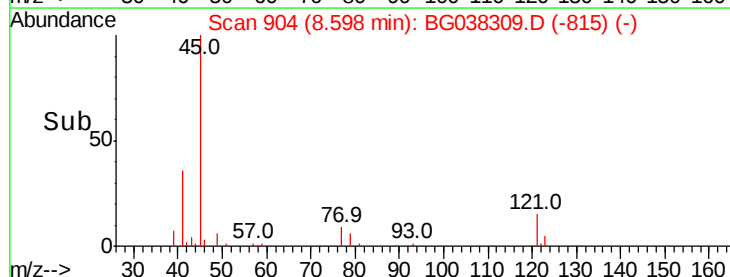
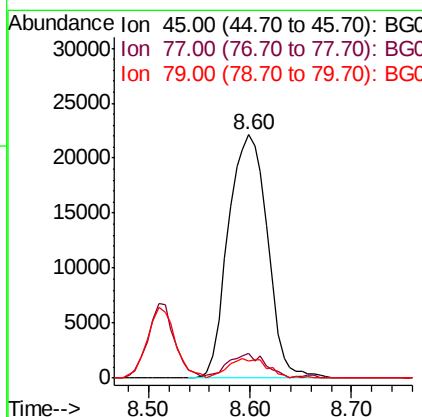
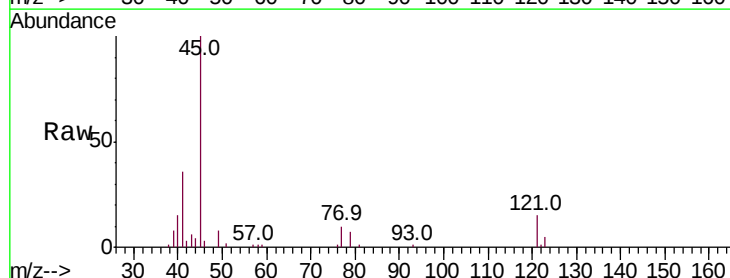
RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	45	Resp:	59212
Ion Ratio	Lower	Upper	
45	100		
77	10.0	0.0	30.0
79	7.0	0.0	29.0





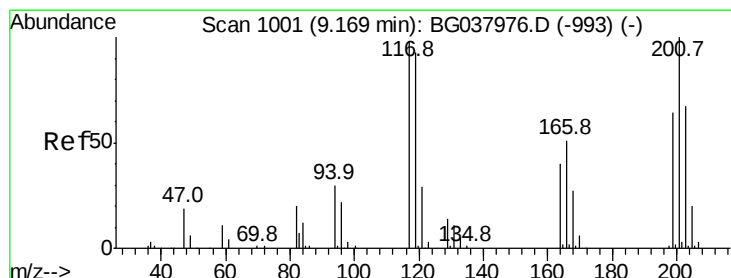
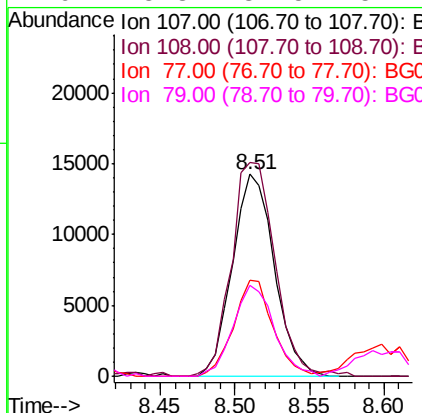
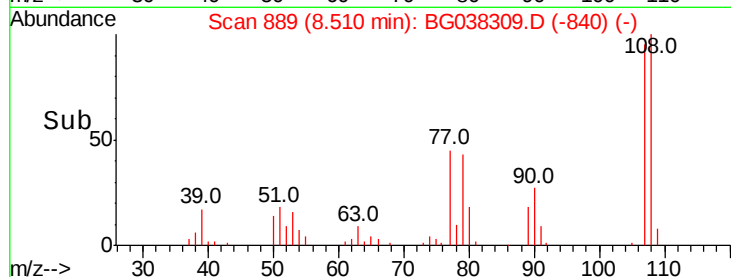
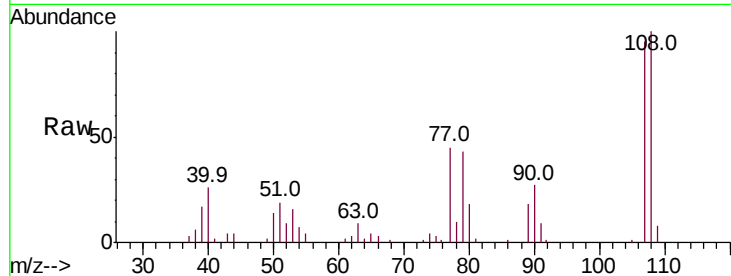
#17
2-Methylphenol
Concen: 38.257 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	107	Resp	27846
Ion	Ratio	Lower	Upper
107	100		
108	105.8	87.9	131.9
77	47.7	35.1	52.7
79	45.3	34.5	51.7

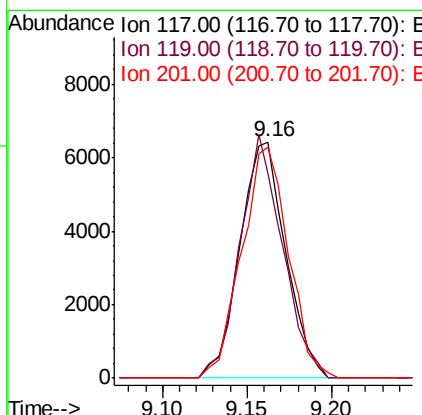
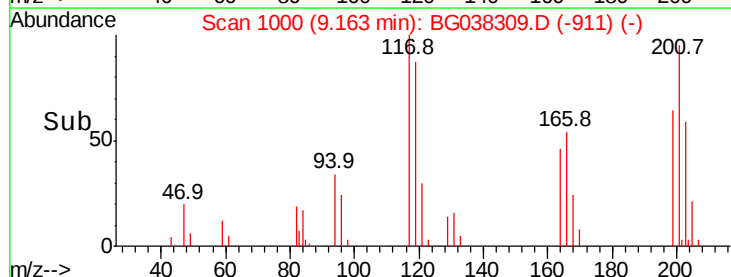
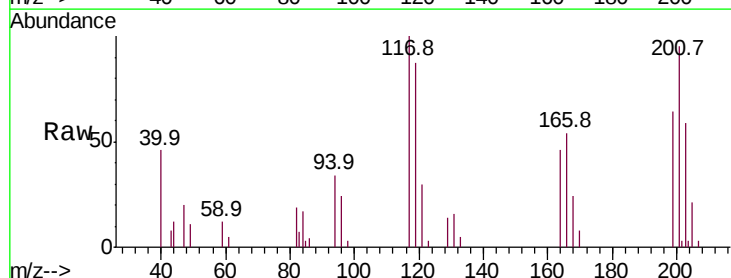
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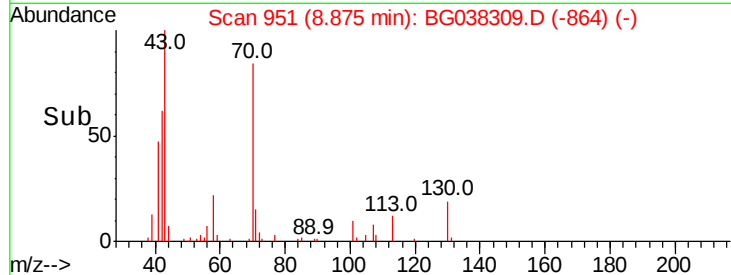
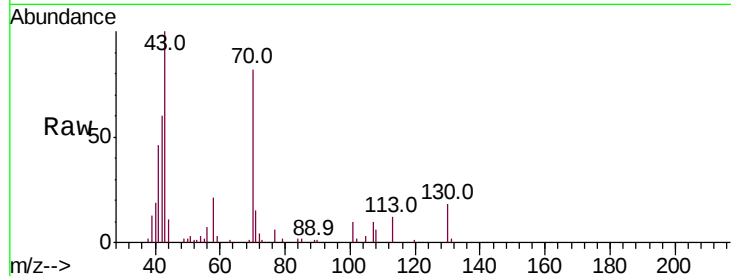
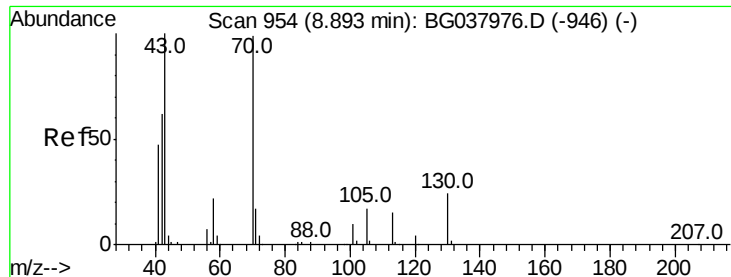
mohammad
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#18
Hexachloroethane
Concen: 34.619 ng
RT: 9.16 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	117	Resp	12114
Ion	Ratio	Lower	Upper
117	100		
119	86.7	74.6	111.8
201	97.6	80.8	121.2





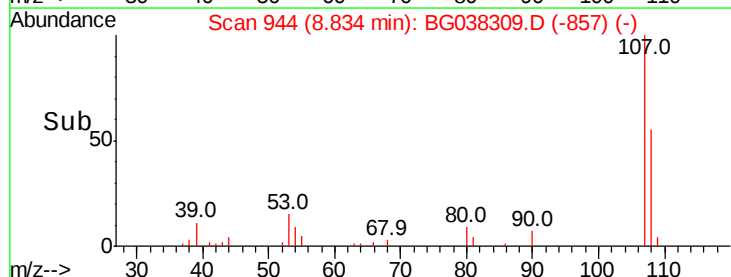
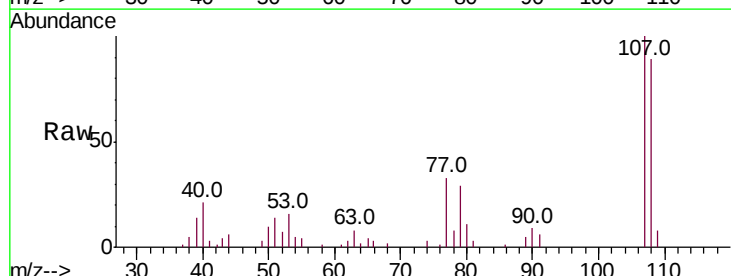
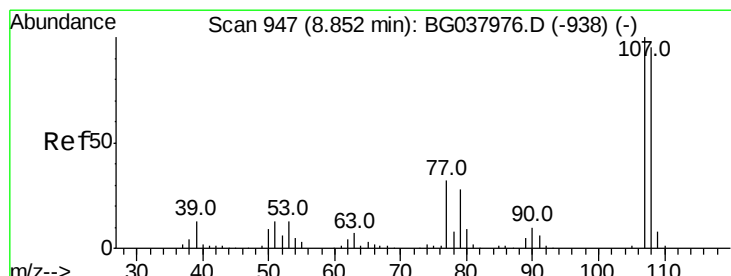
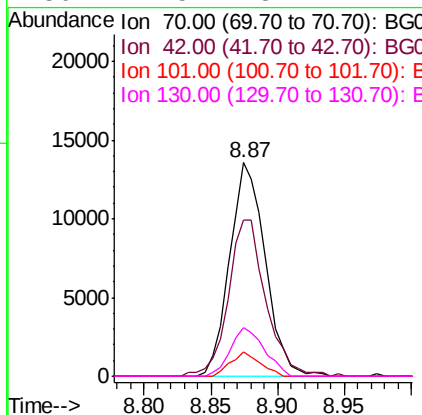
#19
n-Nitroso-di-n-propylamine
Concen: 34.208 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.3	53.9	80.9	
101	11.6	8.2	12.2	
130	22.5	18.2	27.4	

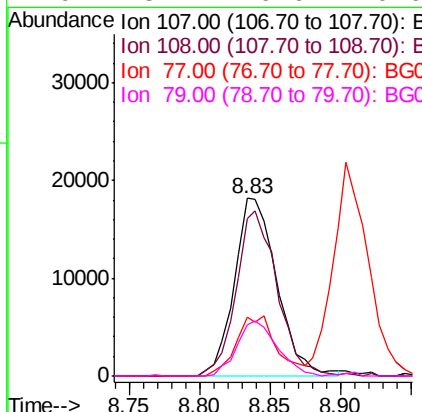
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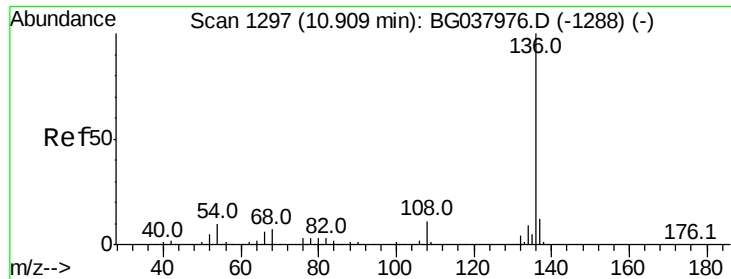
mohammad
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#20
3+4-Methylphenols
Concen: 37.092 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.02 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	69.9	109.9	
77	33.3	11.2	51.2	
79	28.7	6.6	46.6	





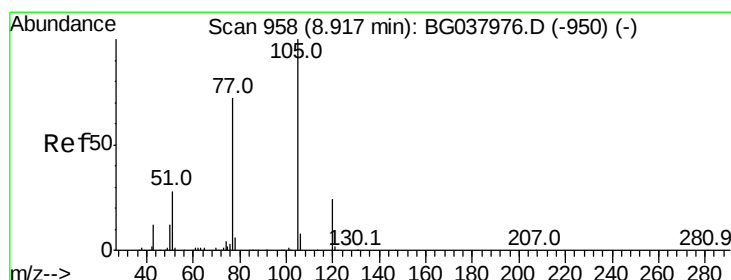
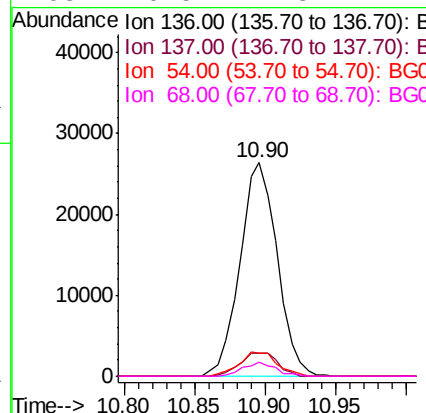
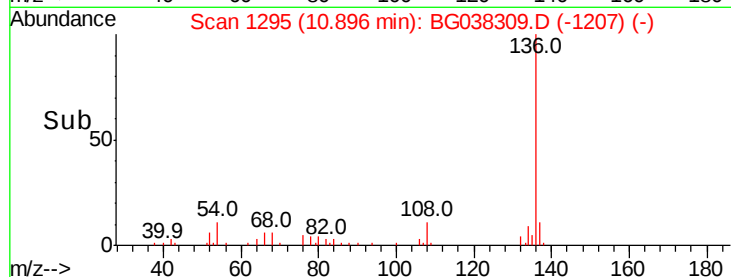
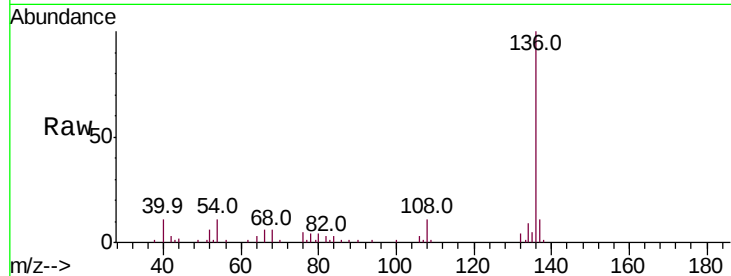
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	11.0	7.9	11.9
68	6.5	4.8	7.2

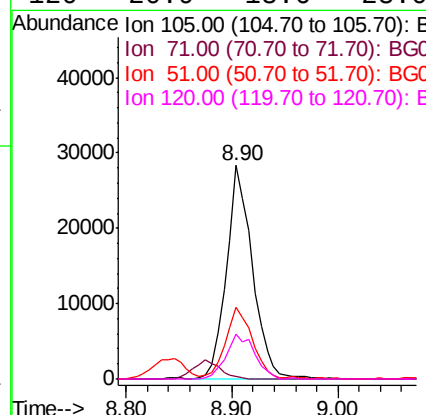
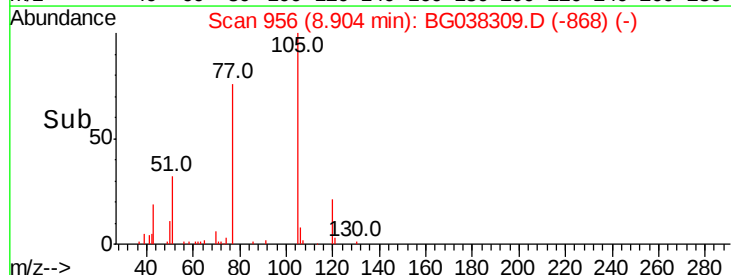
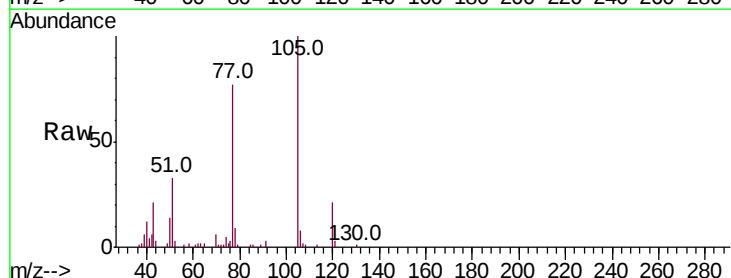
Manual Integrations
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#22
Acetophenone
Concen: 40.068 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.2	1.8#
51	33.3	25.0	37.6
120	20.9	18.6	28.0





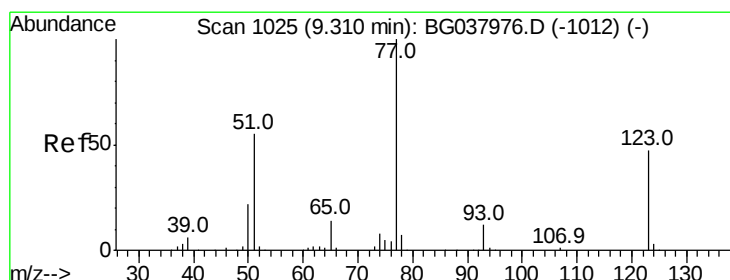
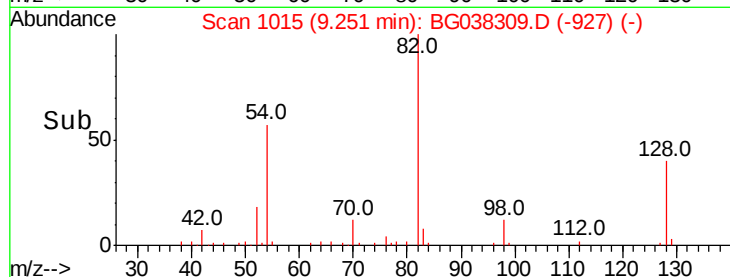
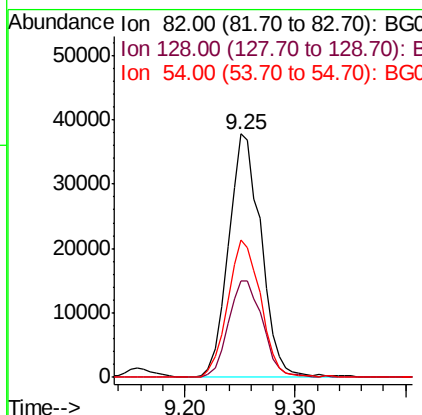
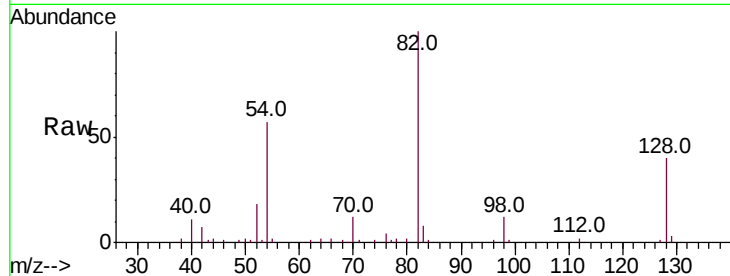
#23
Nitrobenzene-d5
Concen: 86.378 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	51.8
54	56.5	45.3	67.9

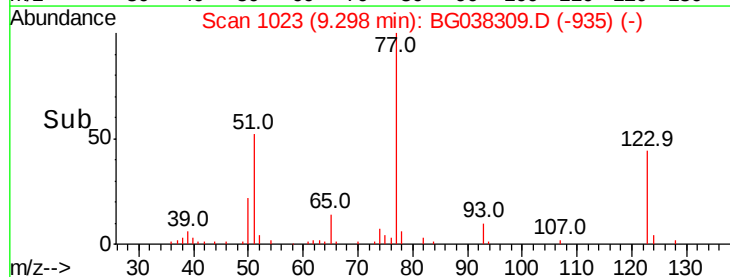
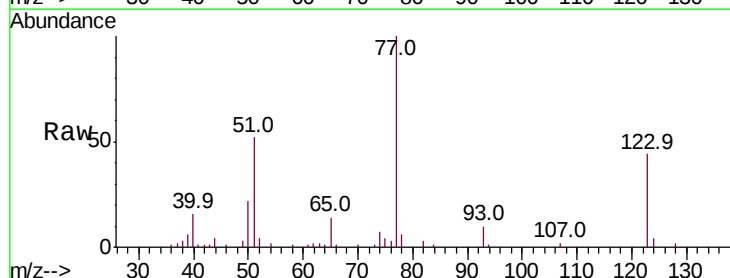
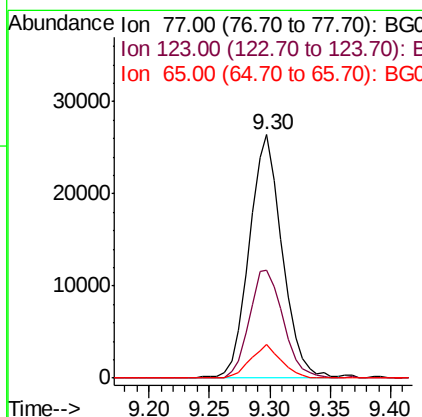
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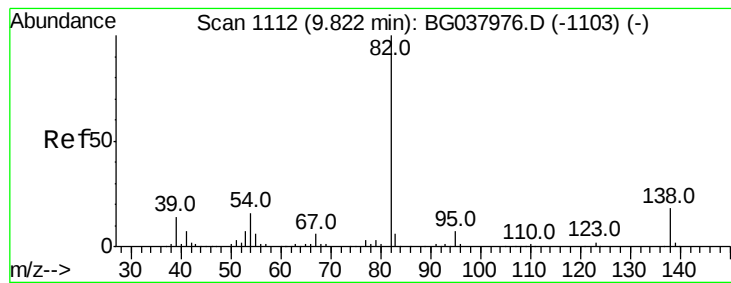
mohammad
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#24
Nitrobenzene
Concen: 54.008 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.3	33.6	50.4
65	14.0	11.3	16.9





#25

Isophorone

Concen: 48.152 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

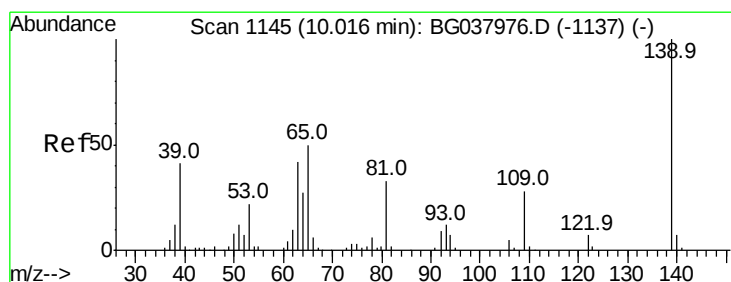
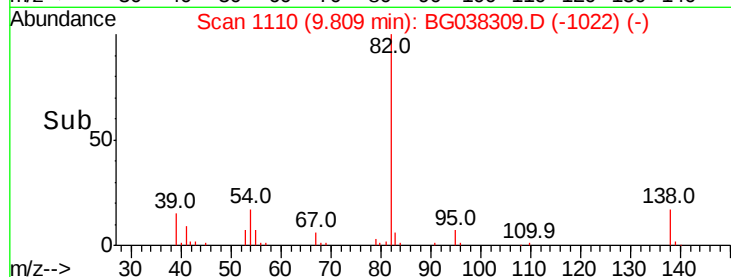
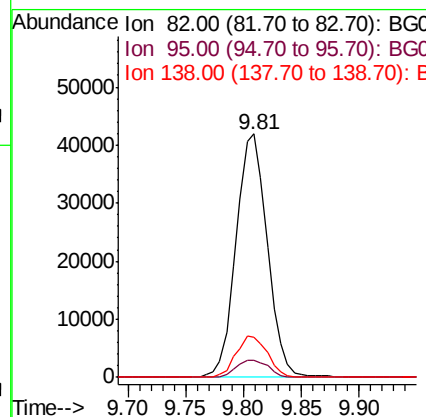
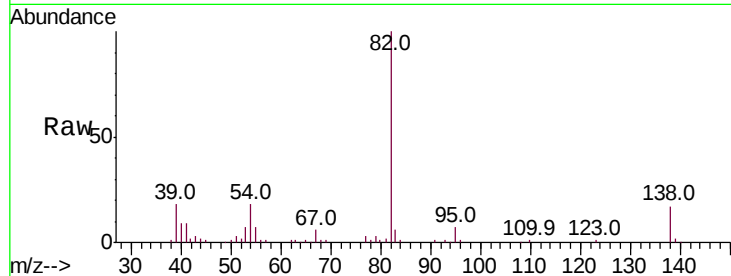
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	82	Resp:	78564
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.3	7.9
138	16.6	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 33.632 ng

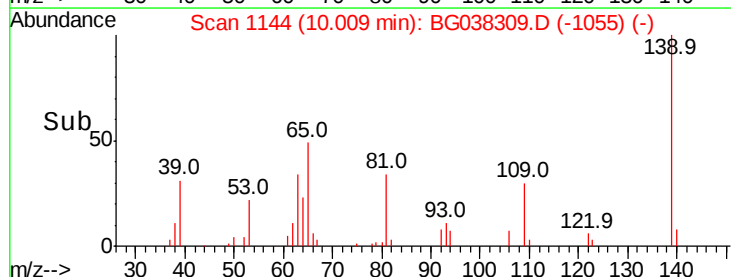
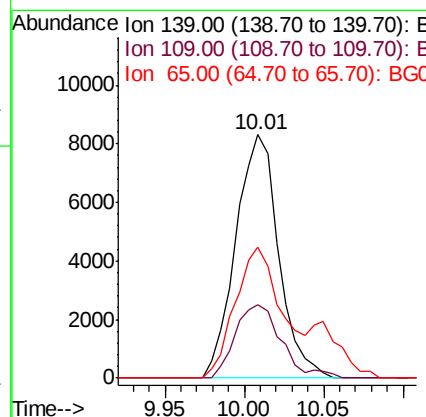
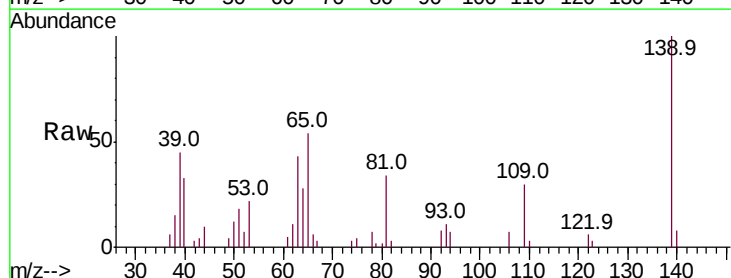
RT: 10.01 min Scan# 1144

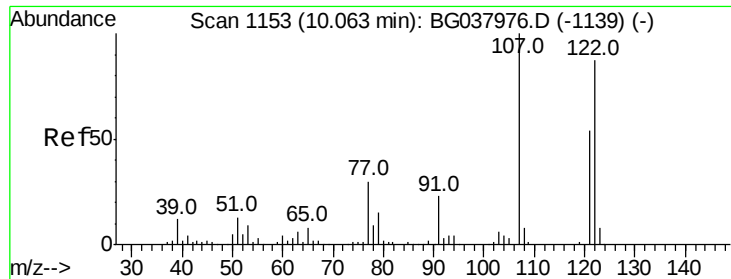
Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	139	Resp:	15569
Ion Ratio	Lower	Upper	
139	100		
109	30.3	23.3	34.9
65	53.7	39.8	59.8





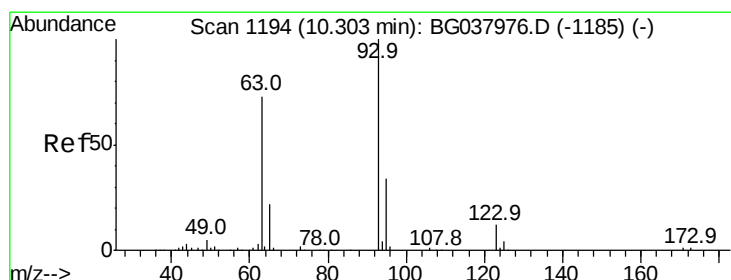
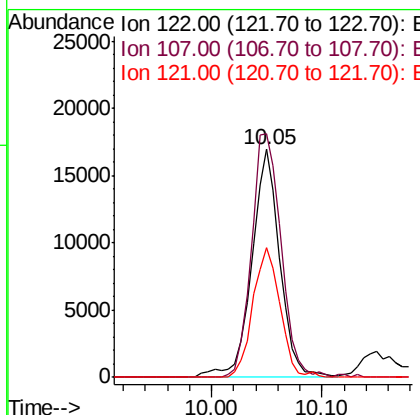
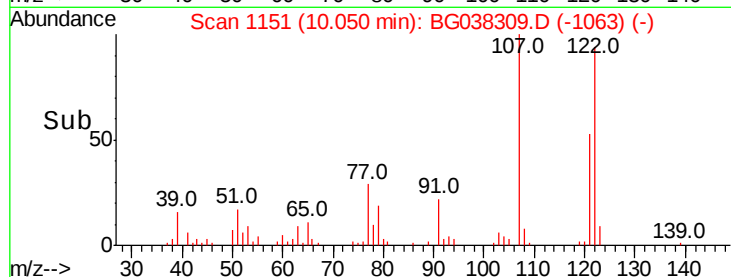
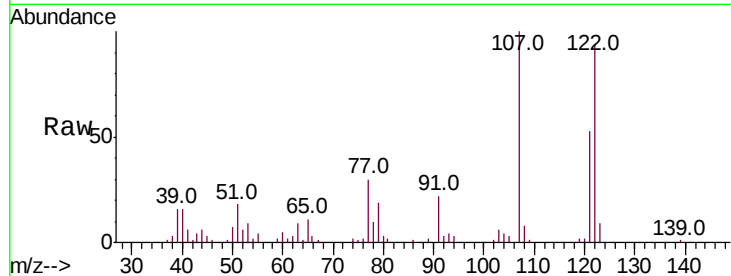
#27
2,4-Dimethylphenol
Concen: 43.354 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.8	94.2	141.2
121	56.6	47.3	70.9

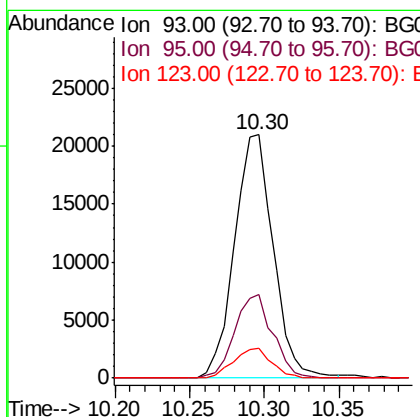
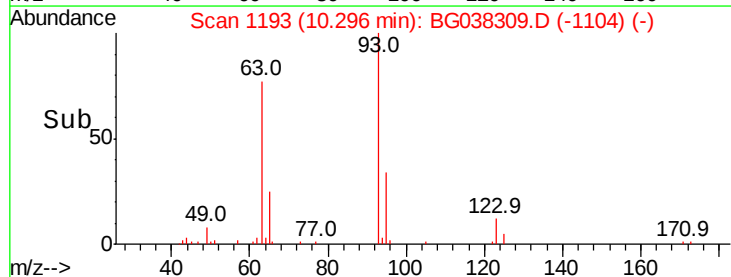
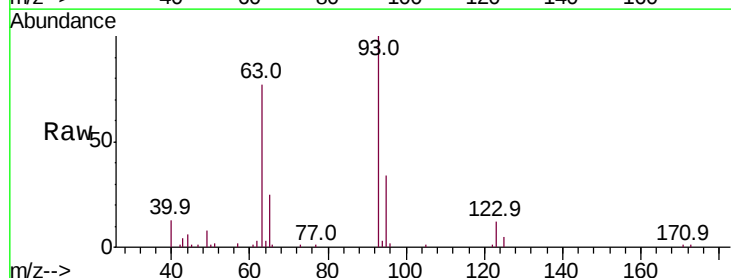
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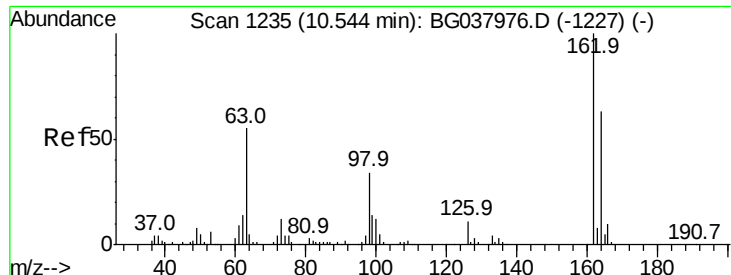
mohammad
12/4/2018 5:37:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.259 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	24.6	37.0
123	12.2	9.1	13.7





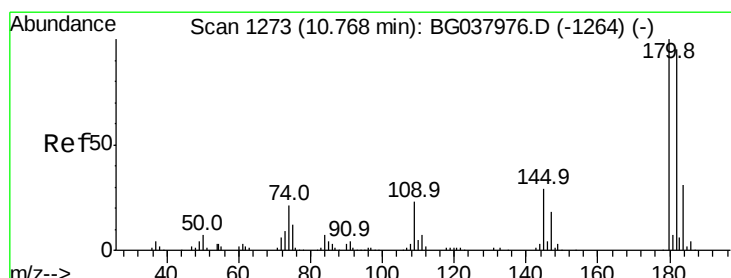
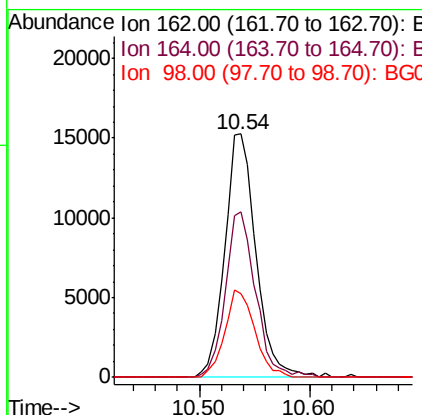
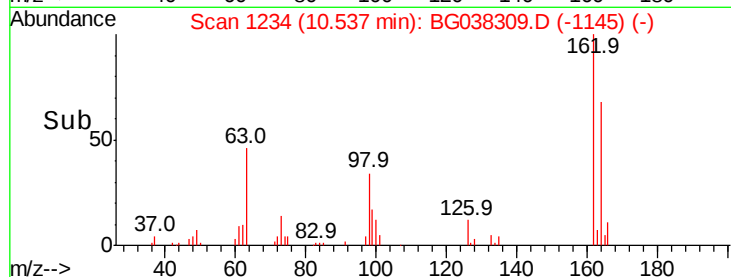
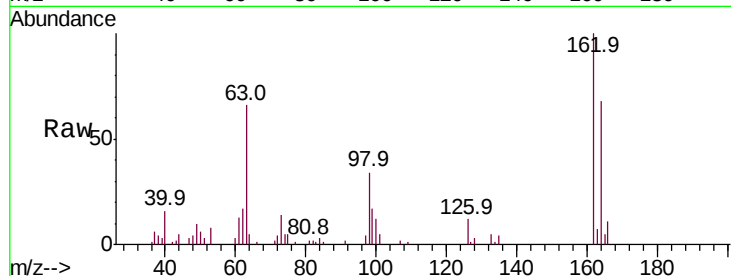
#29
 2,4-Dichlorophenol
 Concen: 38.545 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.8	43.2	83.2
98	34.3	16.0	56.0

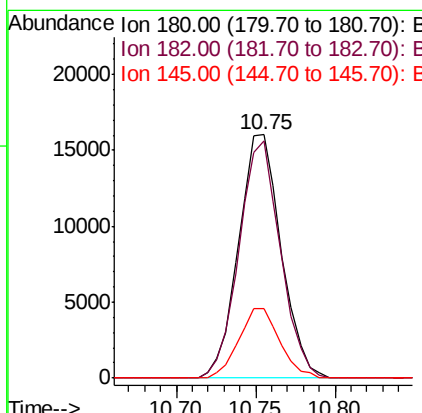
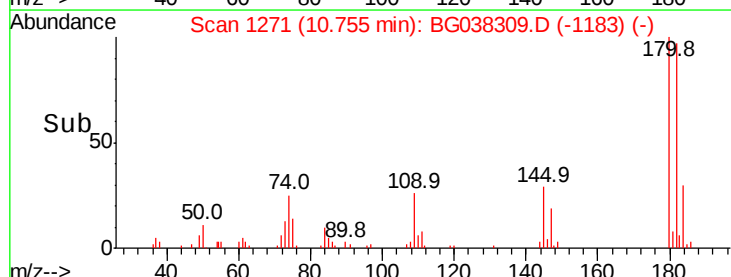
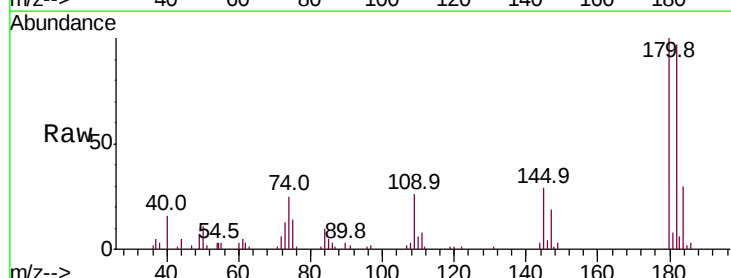
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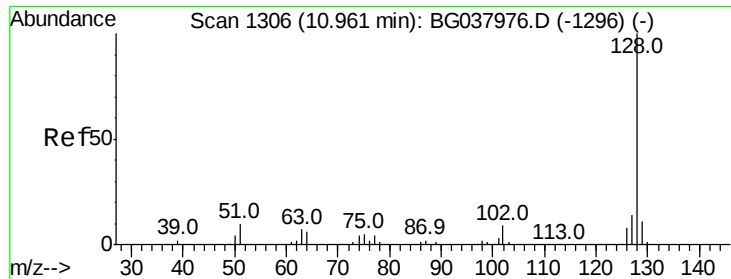
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.850 ng
 RT: 10.75 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.7	116.5
145	28.6	23.3	34.9





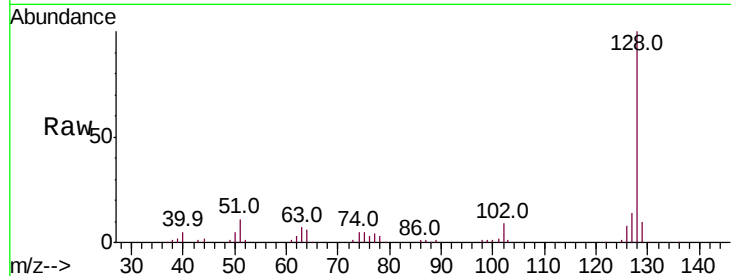
#31
Naphthalene
Concen: 38.336 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

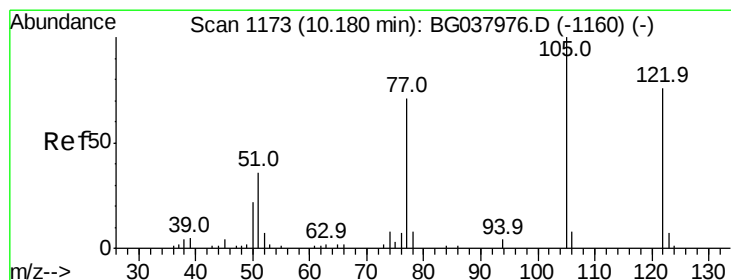
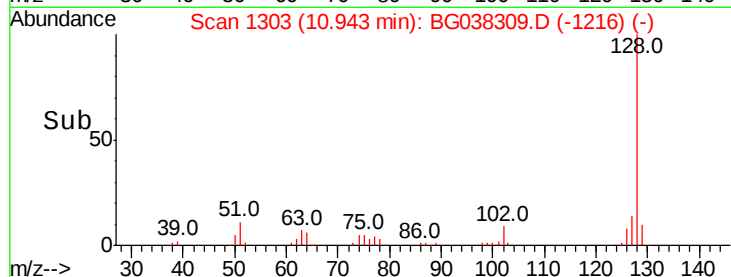
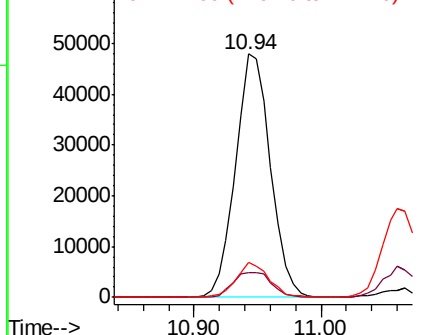
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.6
127	14.3	11.1	16.7

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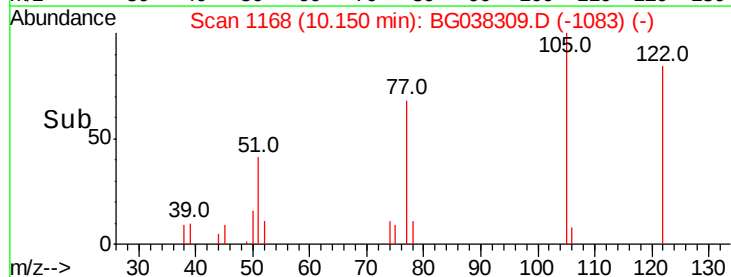
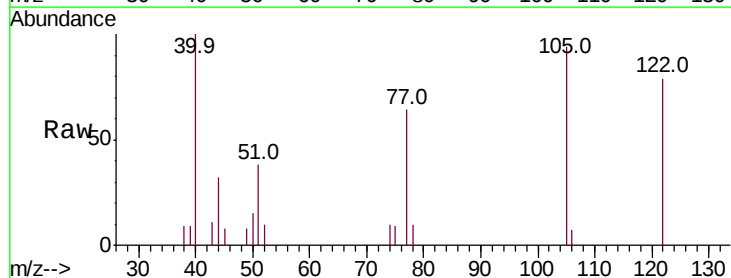
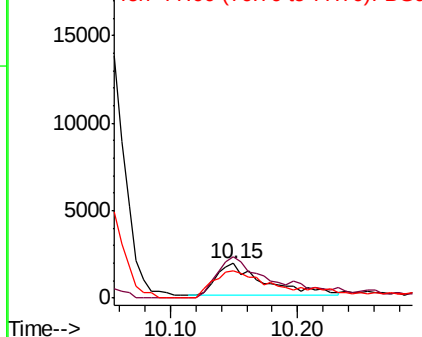
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 20.379 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	106.7	146.7
77	80.8	72.2	112.2

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC





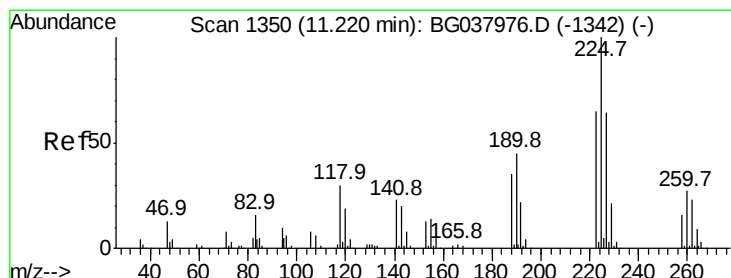
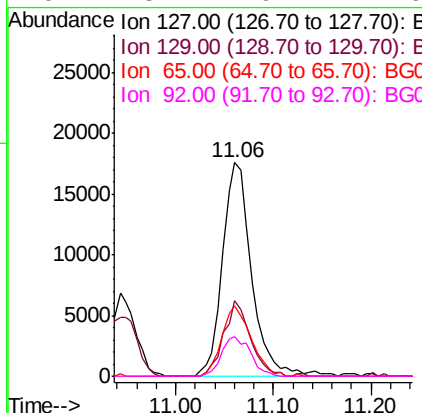
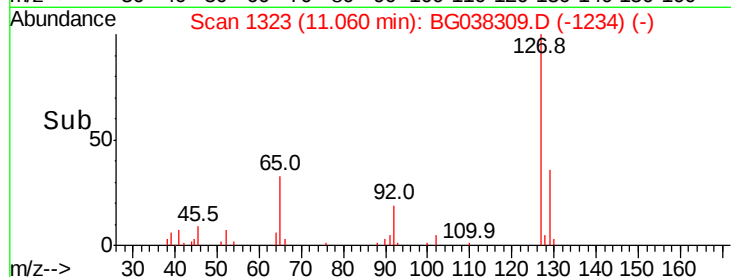
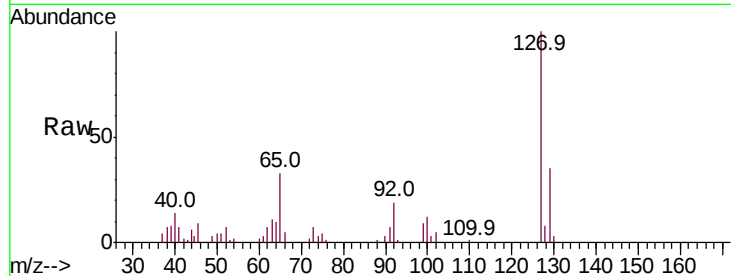
#33
4-Chloroaniline
Concen: 32.965 ng
RT: 11.06 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.1	27.1	40.7
65	33.0	26.6	39.8
92	18.7	16.4	24.6

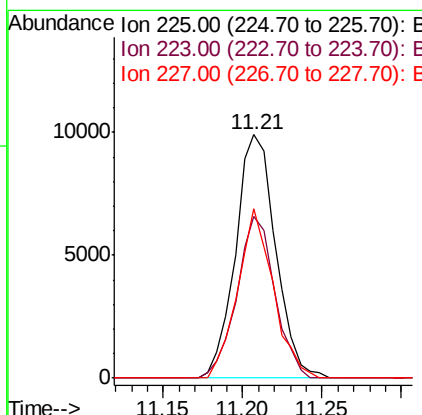
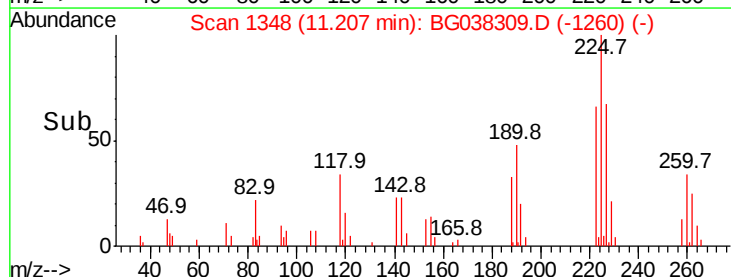
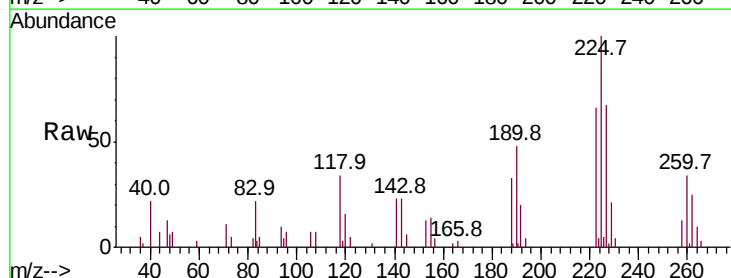
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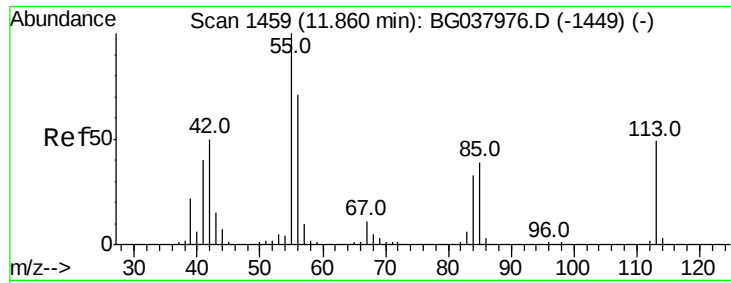
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#34
Hexachlorobutadiene
Concen: 32.083 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.2	72.4
227	66.5	51.6	77.4





#35

Caprolactam

Concen: 67.266 ng/mL

RT: 11.82 min Scan# 1453

Delta R.T. -0.04 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:113 Resp: 21123

Ion Ratio Lower Upper

113 100

55 209.3 176.6 216.6

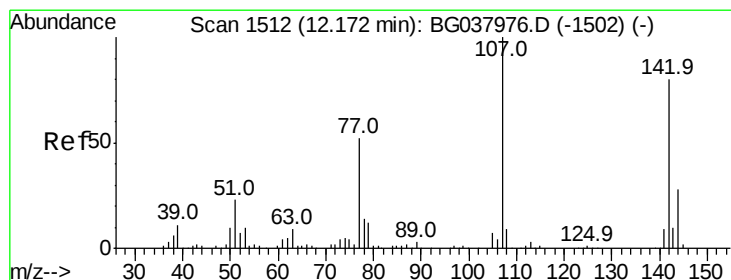
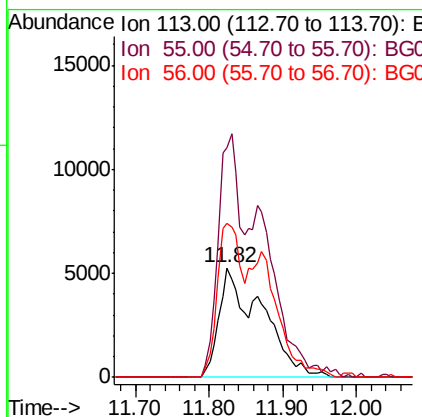
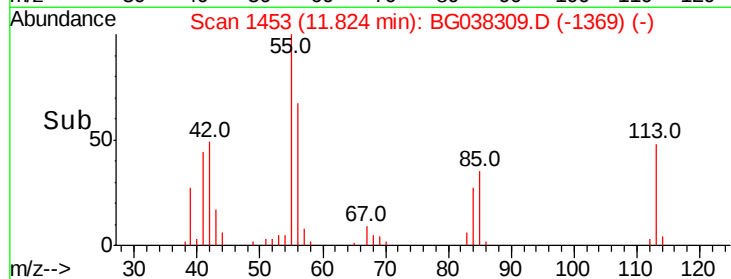
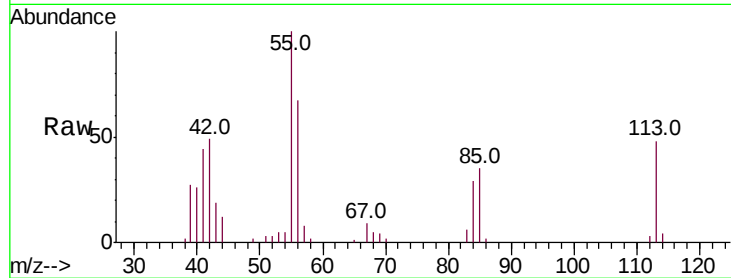
56 140.3 128.3 168.3

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#36

4-Chloro-3-methylphenol

Concen: 57.779 ng/mL

RT: 12.16 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

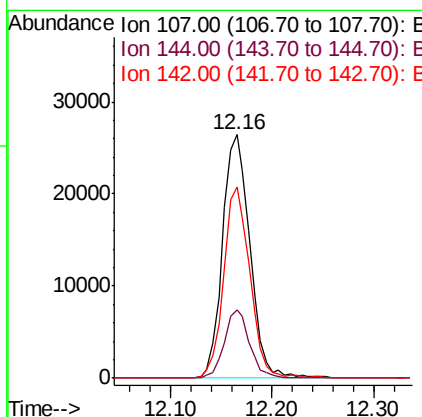
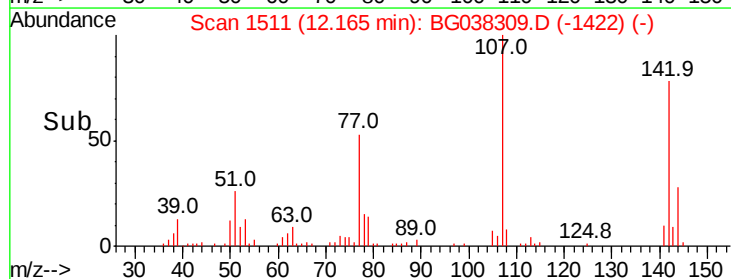
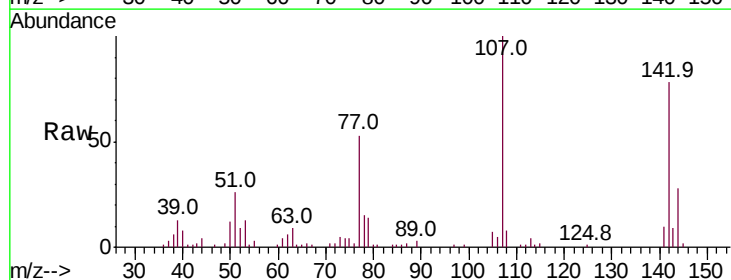
Tgt Ion:107 Resp: 49523

Ion Ratio Lower Upper

107 100

144 28.2 20.7 31.1

142 78.2 64.4 96.6





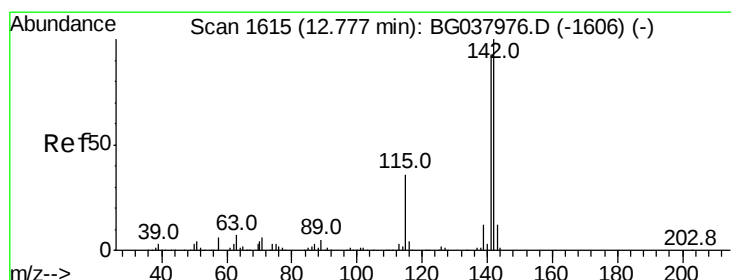
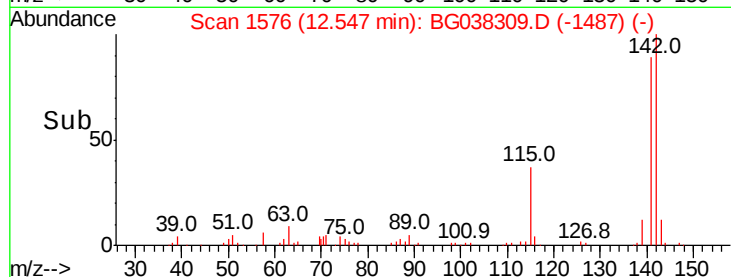
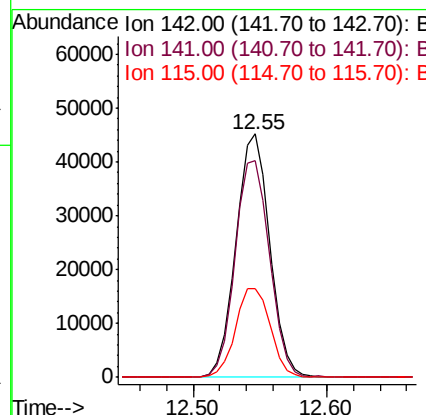
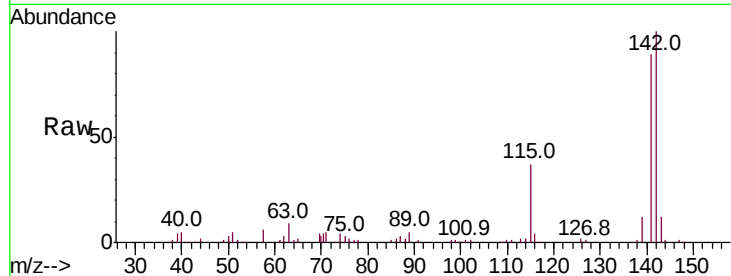
#37
 2-Methylnaphthalene
 Concen: 46.348 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	36.6	27.8	41.8

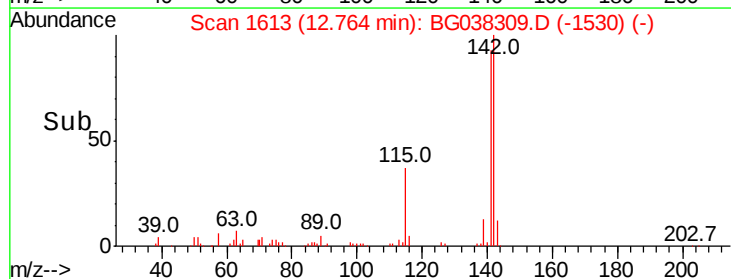
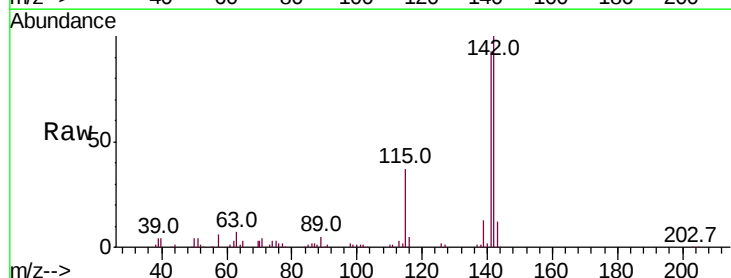
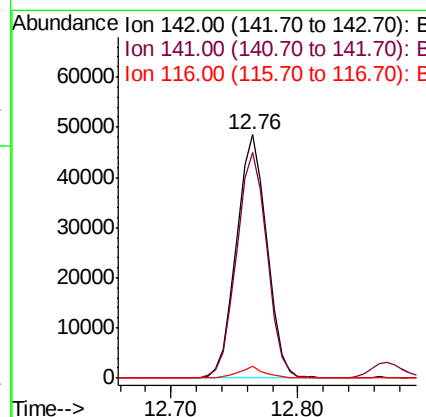
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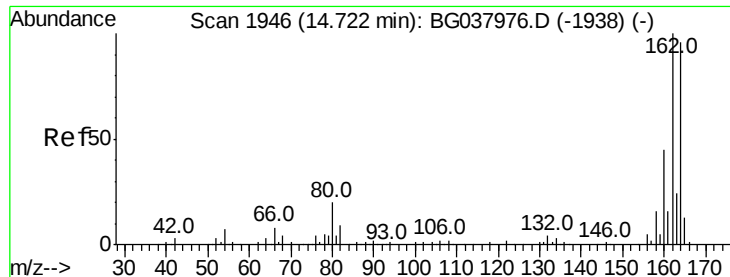
mohammad
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#38
 1-Methylnaphthalene
 Concen: 48.609 ng
 RT: 12.76 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.2	112.8
116	4.7	3.3	4.9





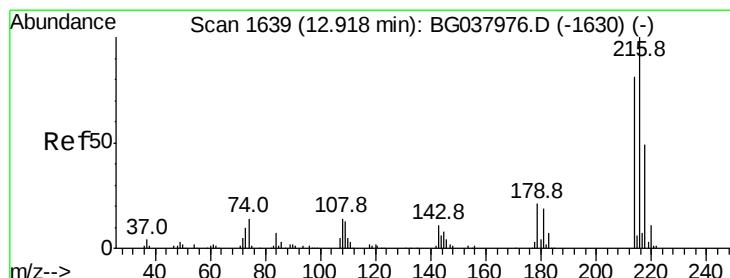
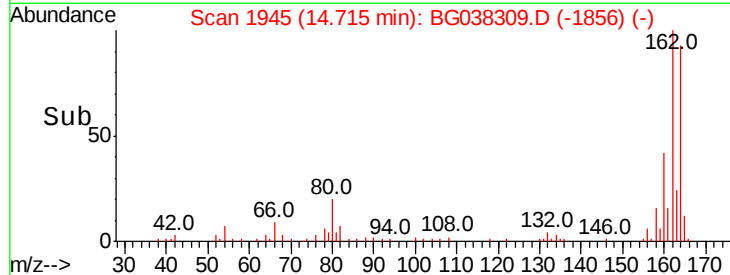
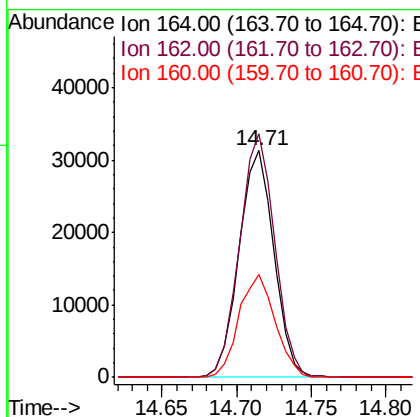
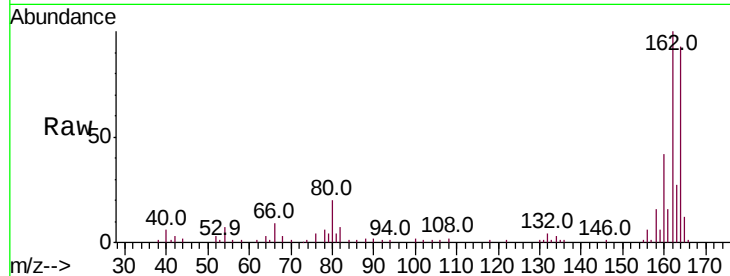
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.4	81.3	121.9
160	45.4	36.3	54.5

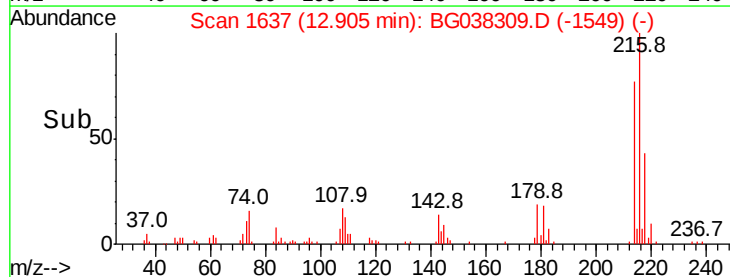
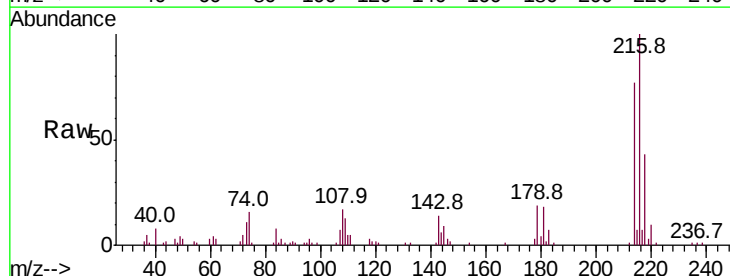
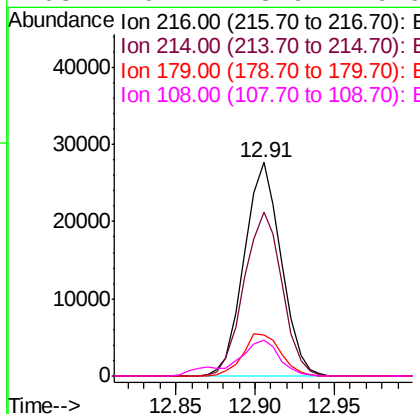
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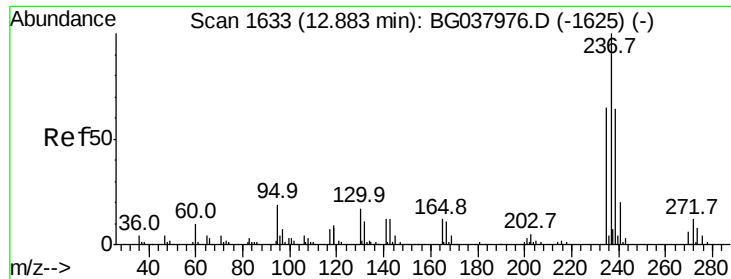
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 26.471 ng
RT: 12.91 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	20.4	17.4	26.0
108	20.2	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 52.431 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

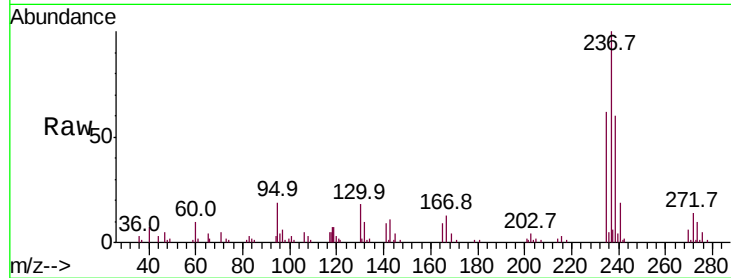
ClientSampleId :

S1-0-0.5-BGSMS

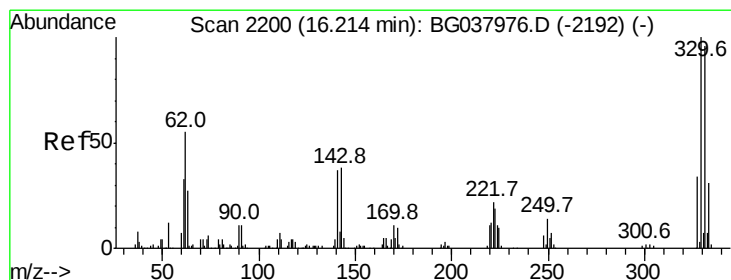
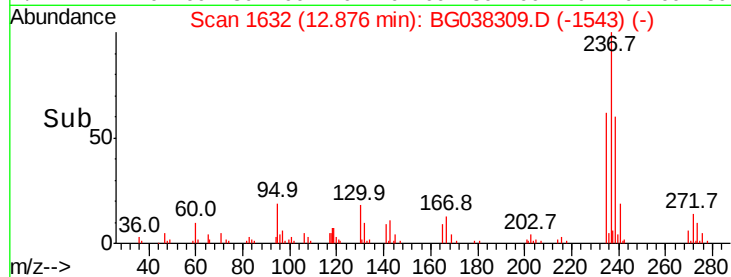
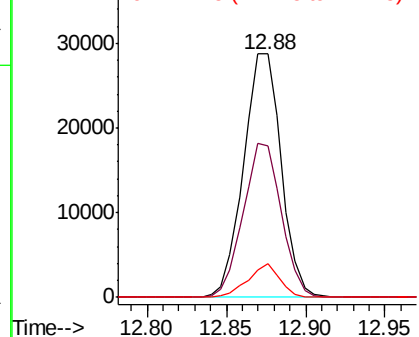
Tot Ion:	237	Resp:	47473
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.5	82.5
272	14.0	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 165.443 ng

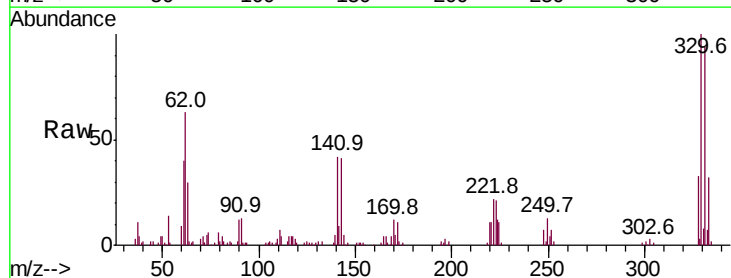
RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

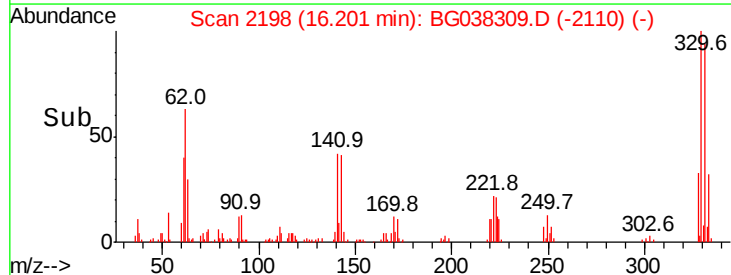
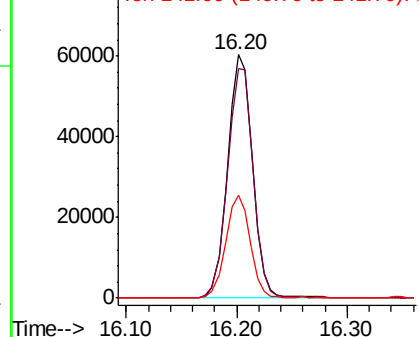
Lab File: BG038309.D

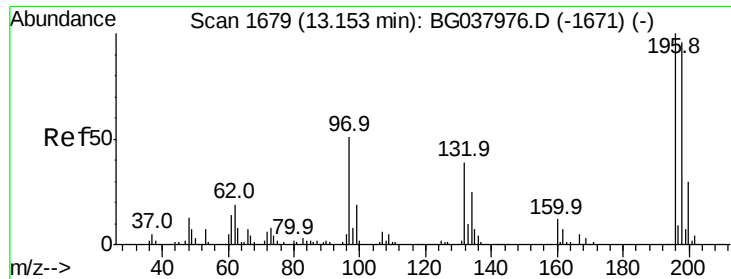
Acq: 3 Dec 2018 21:00

Tgt Ion:	330	Resp:	95478
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.4	117.6
141	41.3	32.2	48.2



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





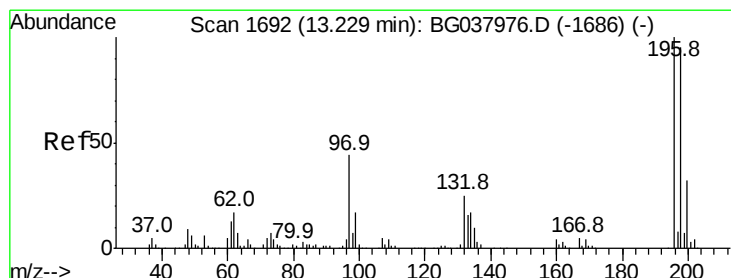
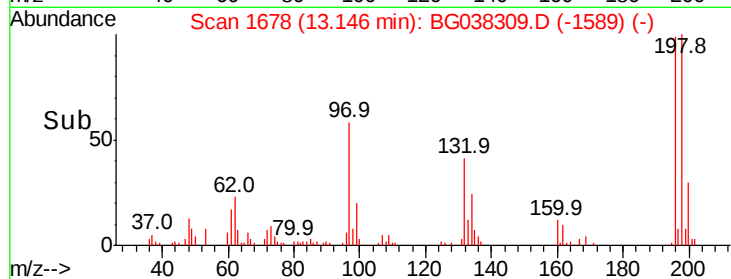
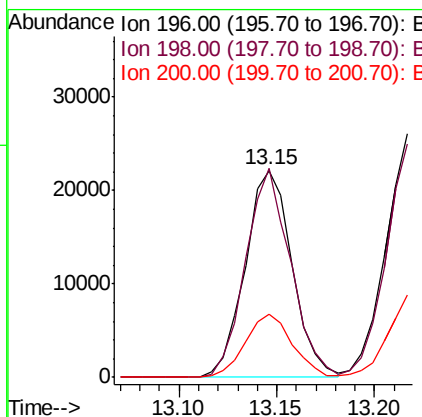
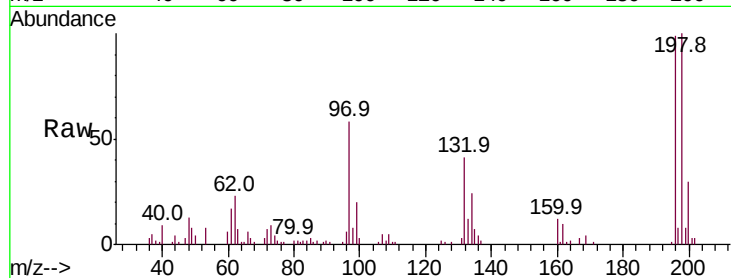
#43
 2,4,6-Trichlorophenol
 Concen: 31.999 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.7	76.4	114.6
200	30.7	24.9	37.3

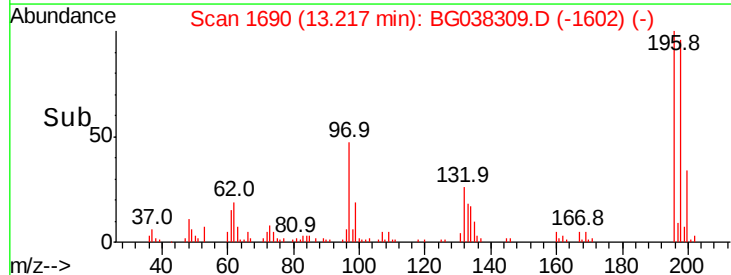
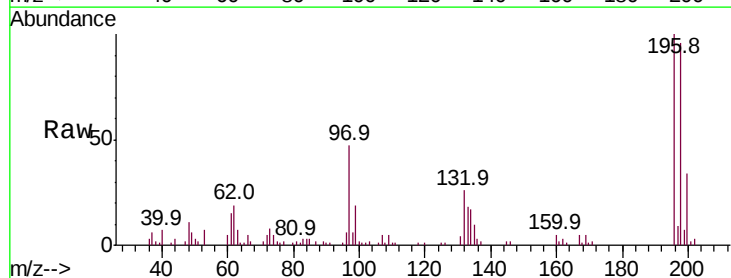
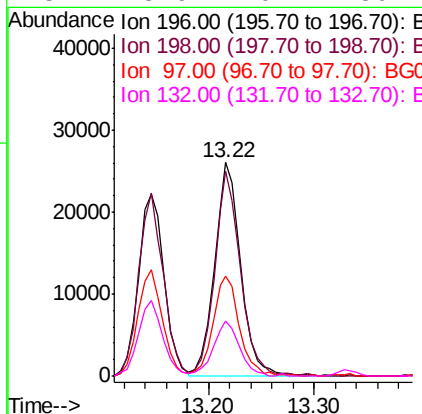
Manual Integrations
 APPROVED

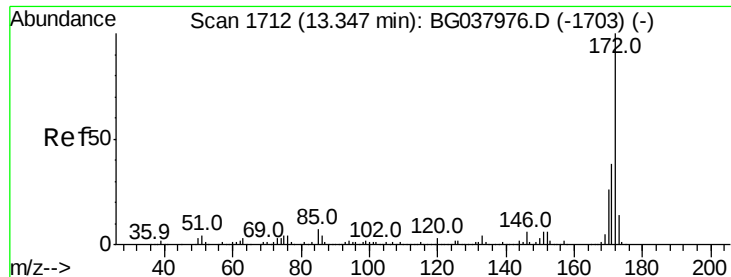
mohammad
 12/4/2018 5:37:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 37.108 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.2
97	46.8	34.1	51.1
132	25.9	20.2	30.4





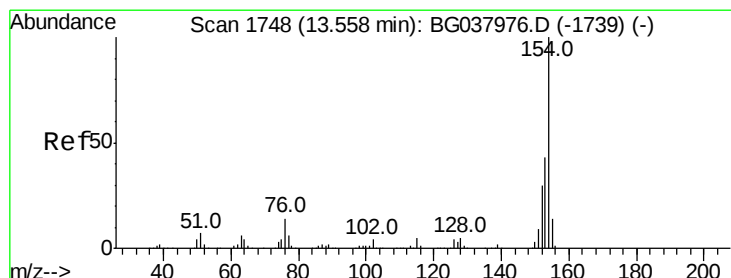
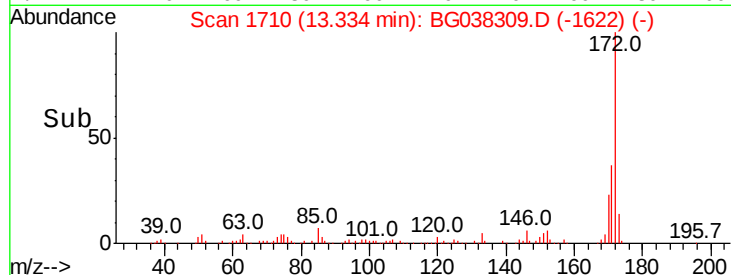
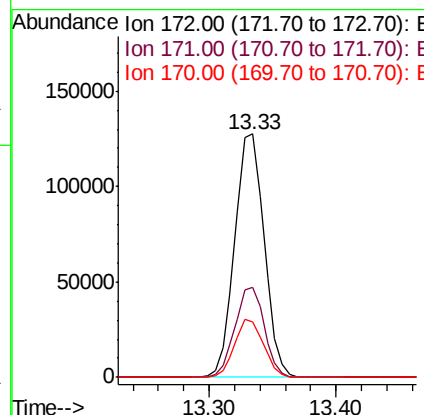
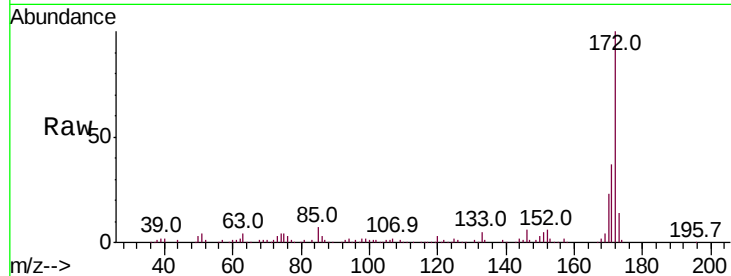
#45
 2-Fluorobiphenyl
 Concen: 58.884 ng
 RT: 13.33 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	22.6	20.2	30.2

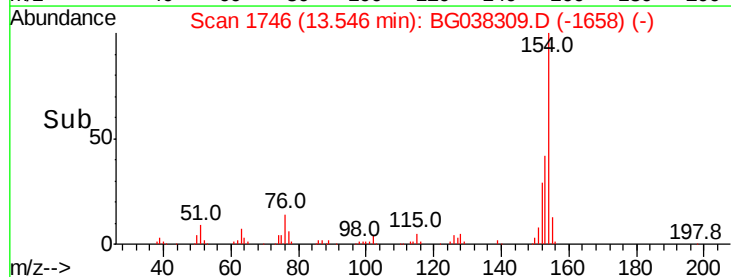
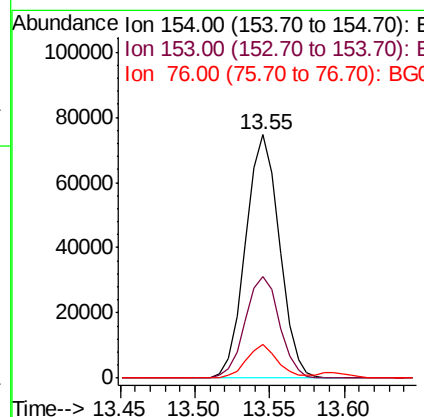
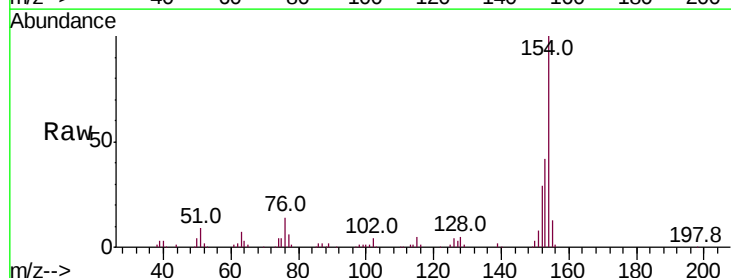
Manual Integrations
 APPROVED

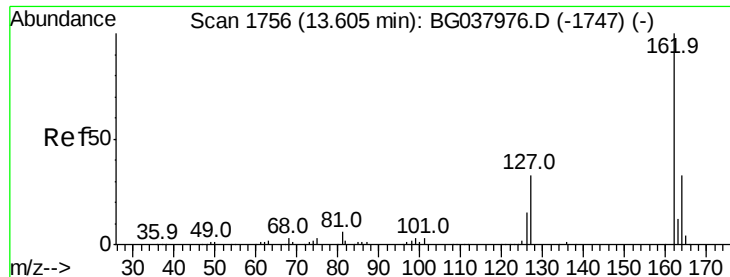
mohammad
 12/4/2018 5:37:30 PM



#46
 1,1'-Biphenyl
 Concen: 27.508 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	13.7	0.0	33.2





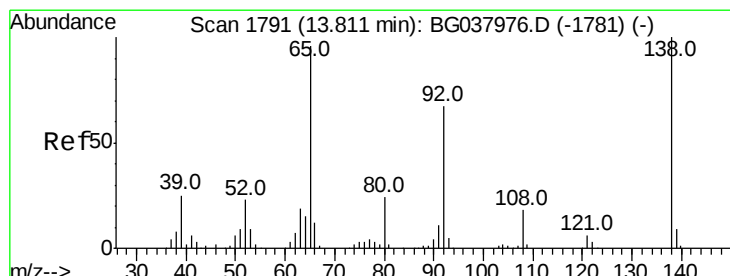
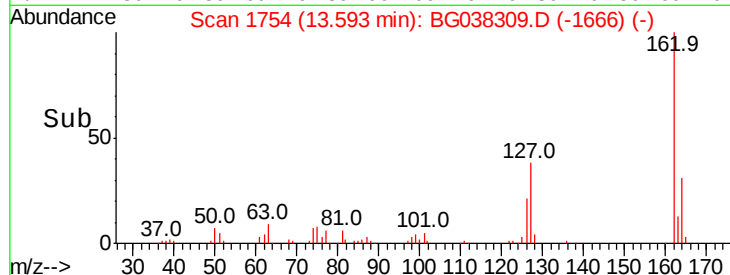
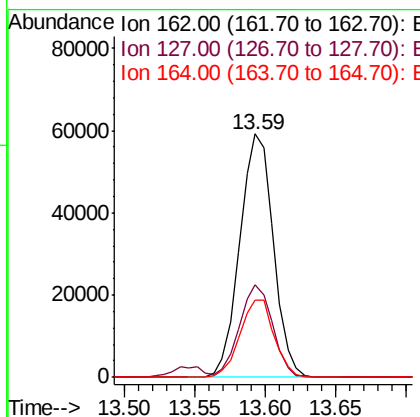
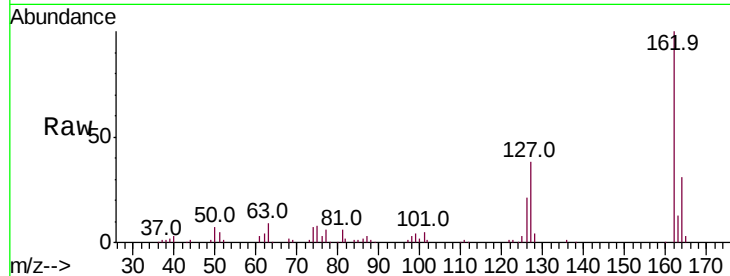
#47
 2-Chloronaphthalene
 Concen: 30.333 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Tot Ion:	162	Resp:	98401
Ion Ratio	Lower	Upper	
162	100		
127	37.9	30.5	45.7
164	31.5	26.4	39.6

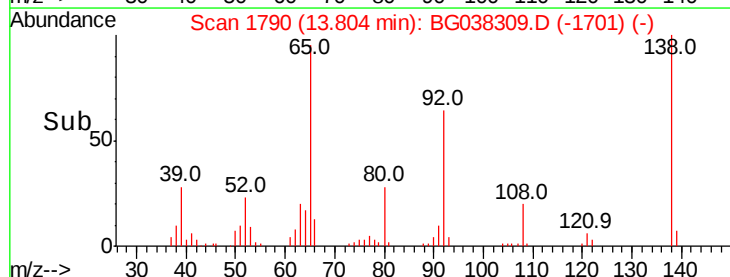
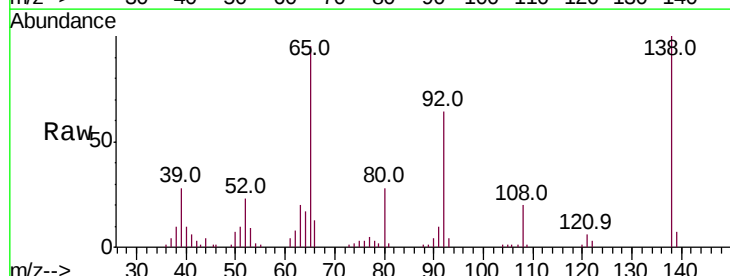
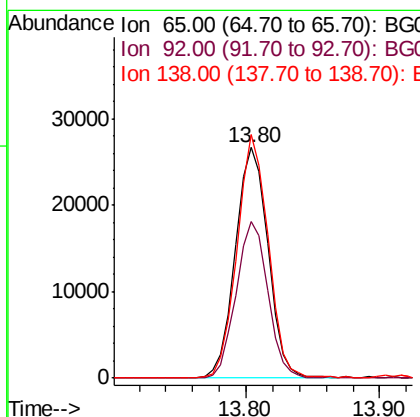
Manual Integrations
 APPROVED

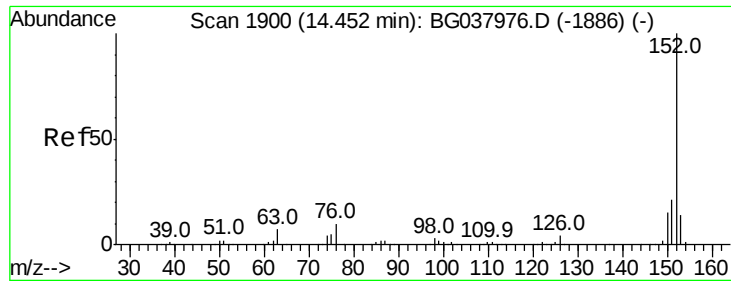
mohammad
 12/4/2018 5:37:30 PM



#48
 2-Nitroaniline
 Concen: 44.306 ng
 RT: 13.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Tgt Ion:	65	Resp:	45235
Ion Ratio	Lower	Upper	
65	100		
92	67.9	53.2	79.8
138	105.8	79.3	118.9





#49

Acenaphthylene

Concen: 38.979 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

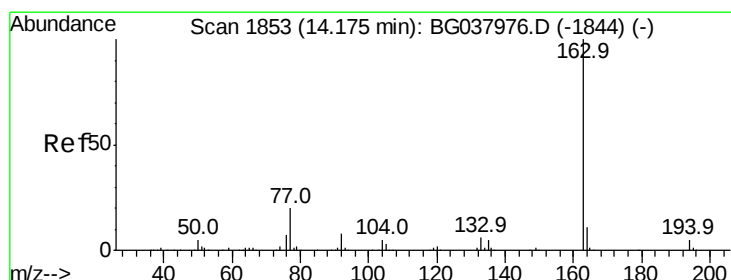
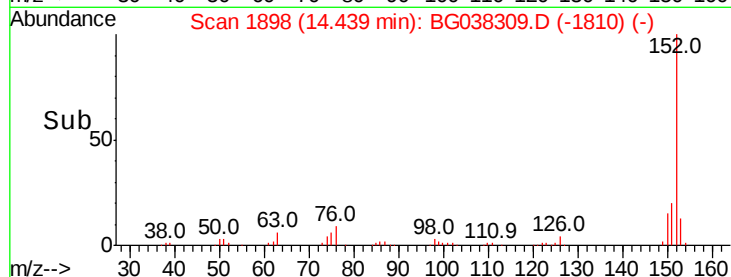
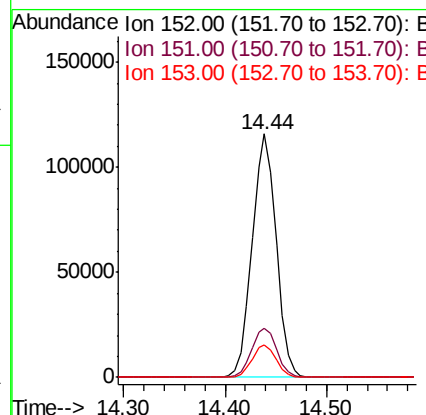
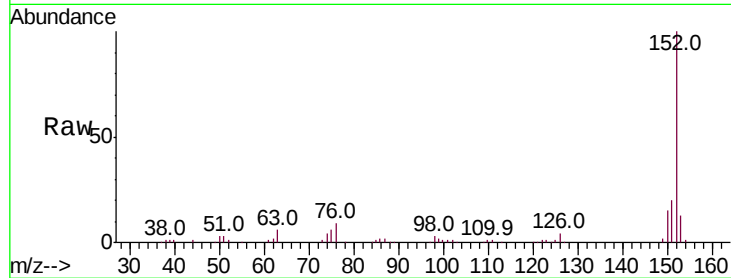
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	152	Resp:	190147
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.1	25.7
153	13.1	11.1	16.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.796 ng

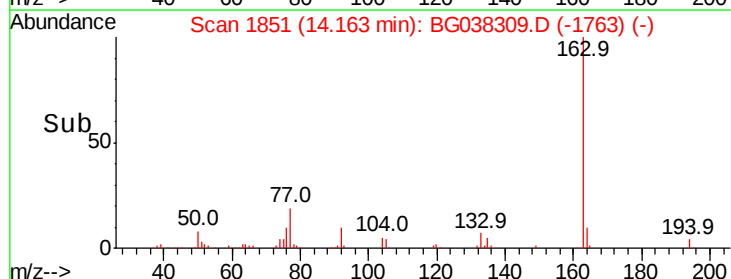
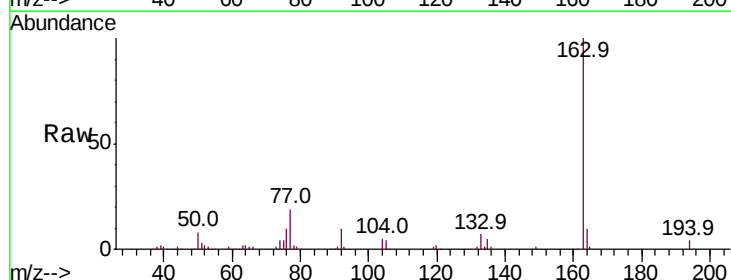
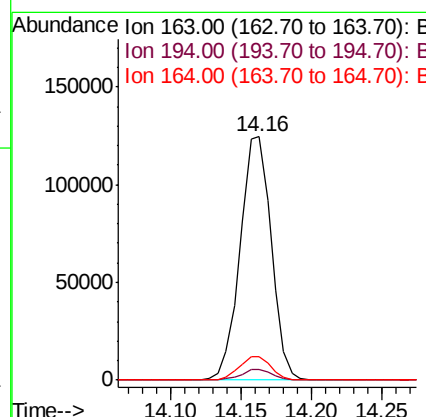
RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	163	Resp:	191739
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.5	5.3
164	9.8	8.5	12.7





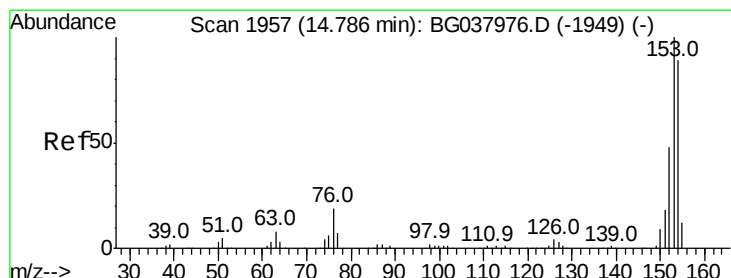
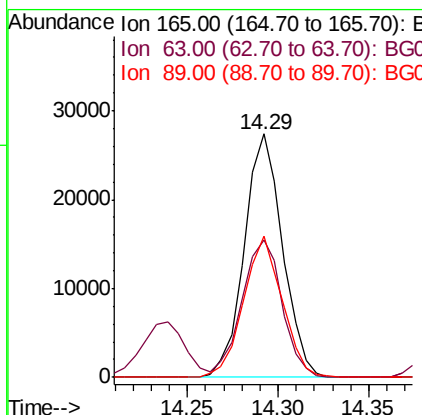
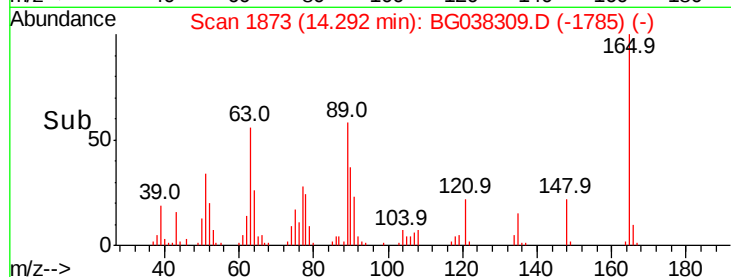
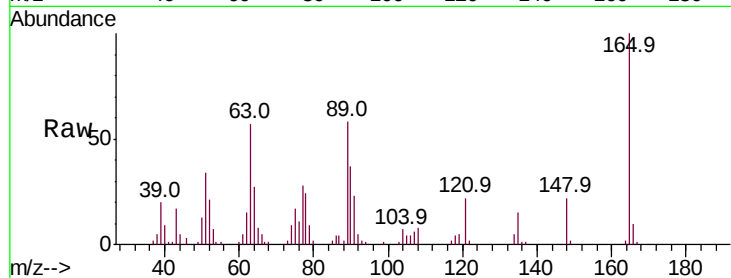
#51
2,6-Dinitrotoluene
Concen: 44.097 ng
RT: 14.29 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.5	43.4	65.2
89	57.9	45.8	68.6

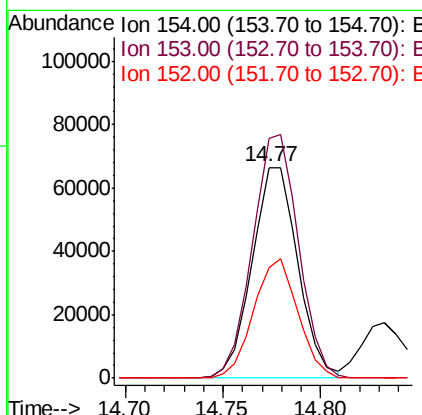
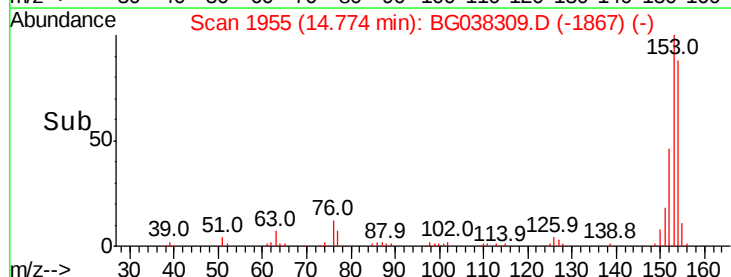
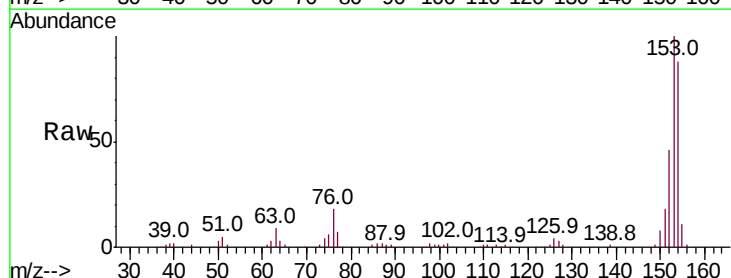
Manual Integrations
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12/4/2018 5:37:30 PM



#52
Acenaphthene
Concen: 36.834 ng
RT: 14.77 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	93.4	140.0
152	52.5	44.7	67.1





#53

3-Nitroaniline

Concen: 40.084 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

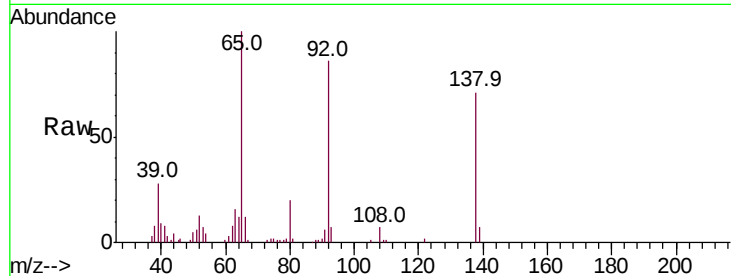
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	11.0	16.6#
92	119.9	95.2	142.8

Manual Integrations
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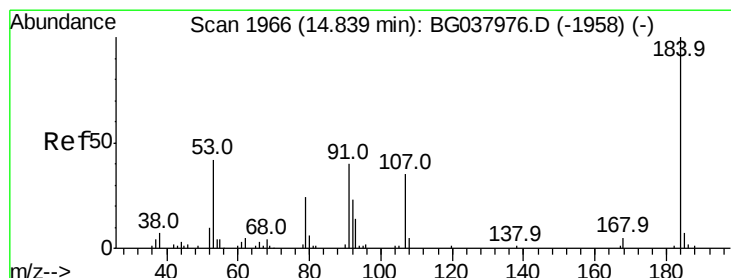
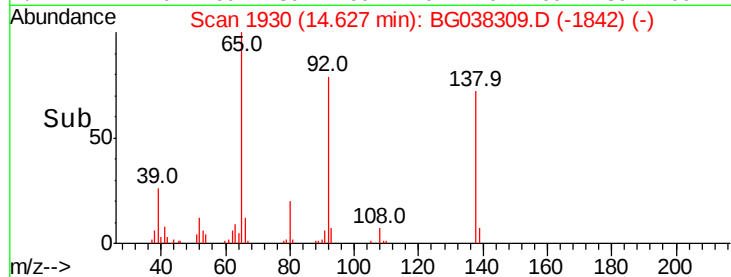
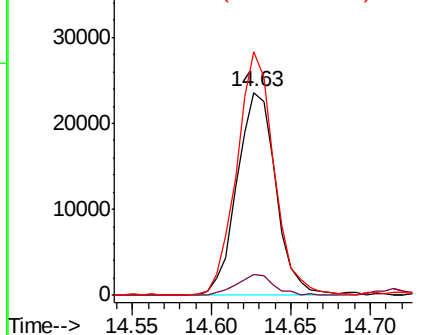
mohammad
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 93.589 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG038309.D

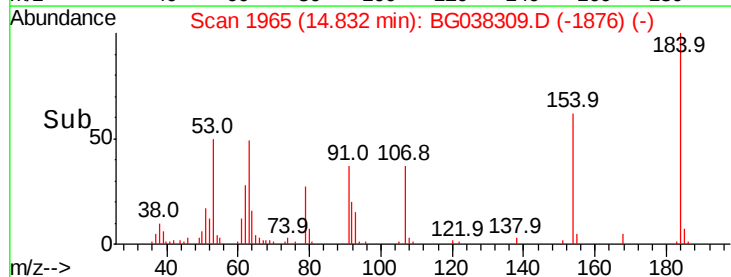
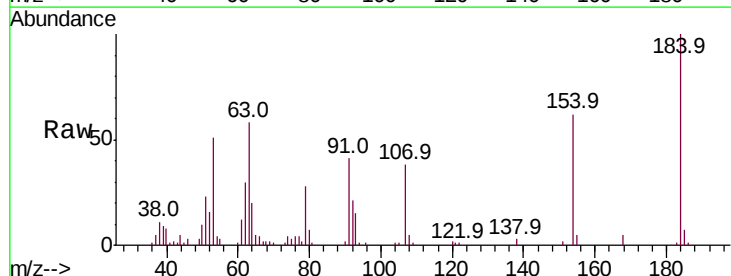
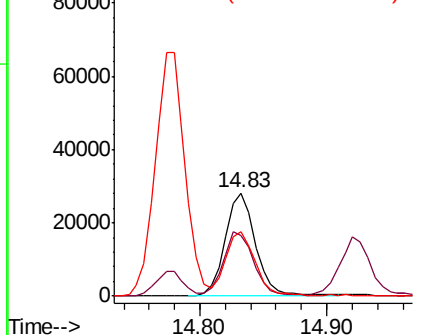
Acq: 3 Dec 2018 21:00

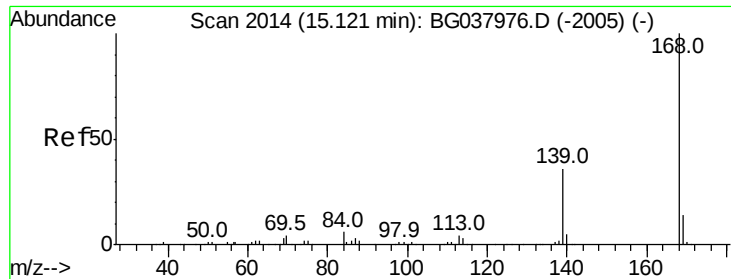
Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.2	42.6	63.8
154	62.4	41.8	62.6

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





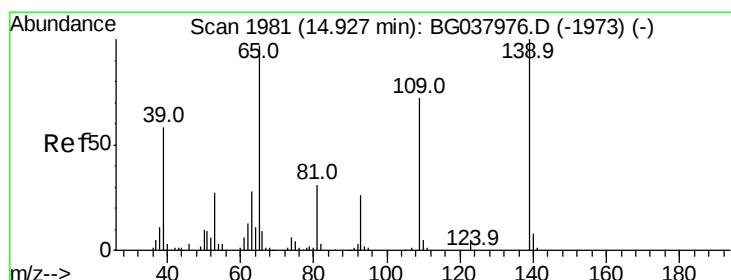
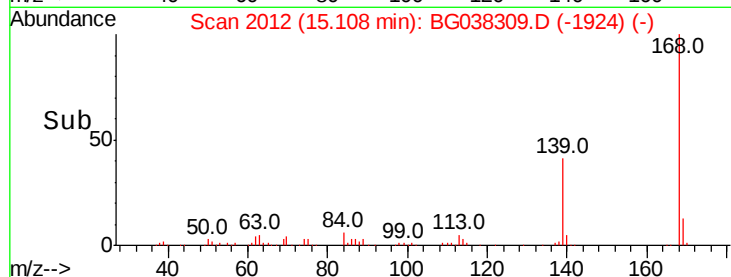
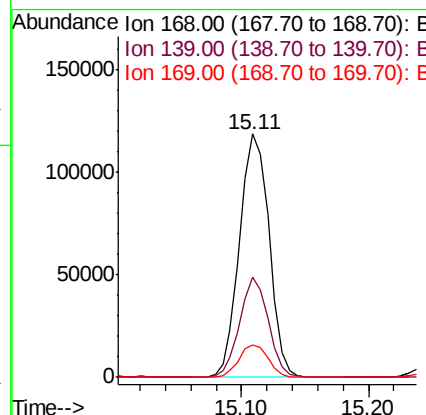
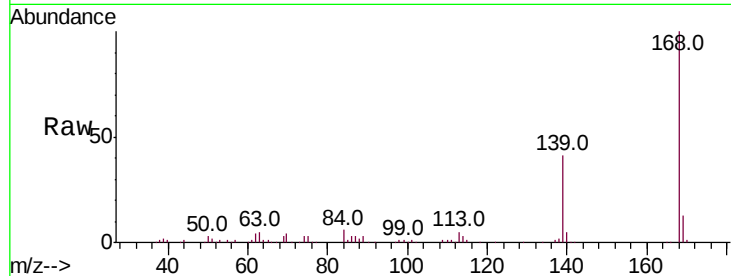
#55
Dibenzofuran
Concen: 39.464 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.0	29.4	44.0	
169	13.4	11.0	16.6	

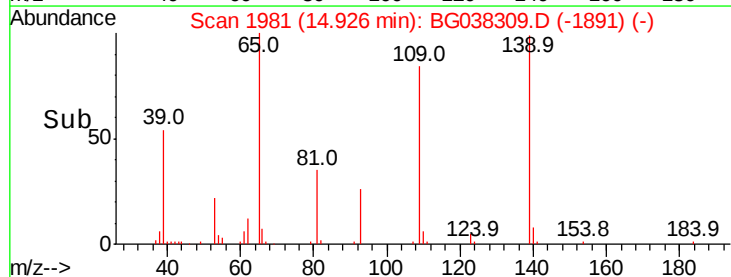
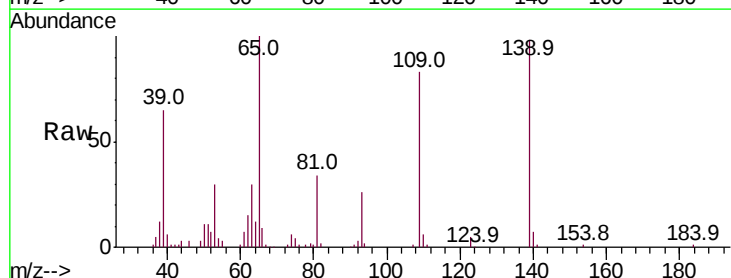
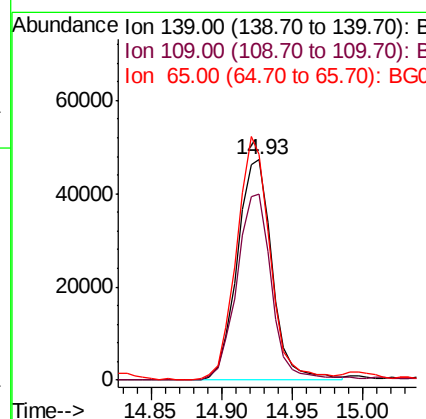
Manual Integrations
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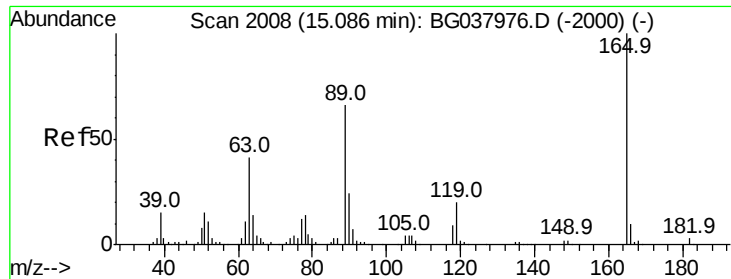
mohammad
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#56
4-Nitrophenol
Concen: 105.696 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	84.4	49.5	89.5	
65	102.3	76.8	116.8	





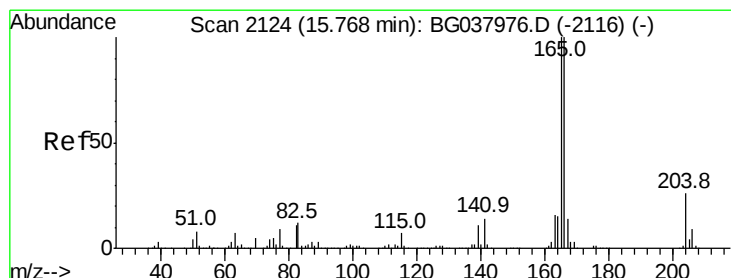
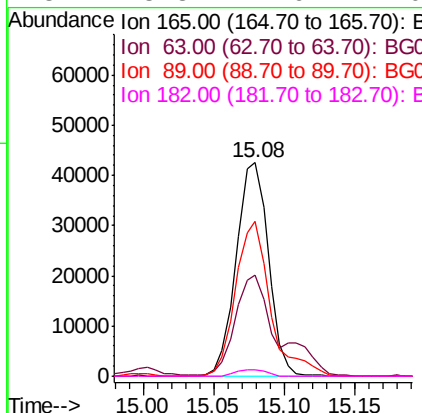
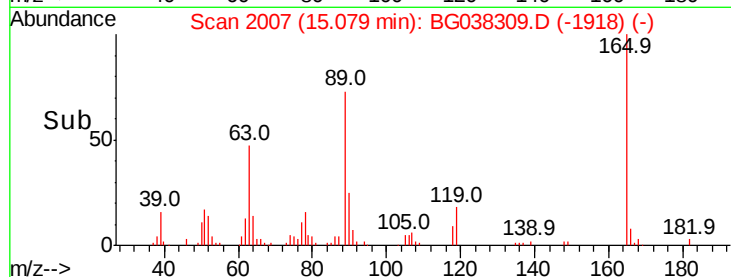
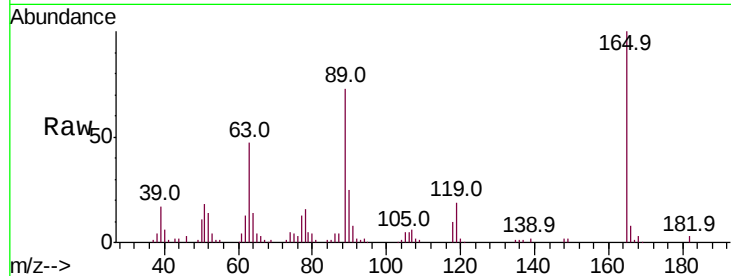
#57
2,4-Dinitrotoluene
Concen: 55.000 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.1	33.4	50.0
89	72.6	57.2	85.8
182	3.3	2.6	4.0

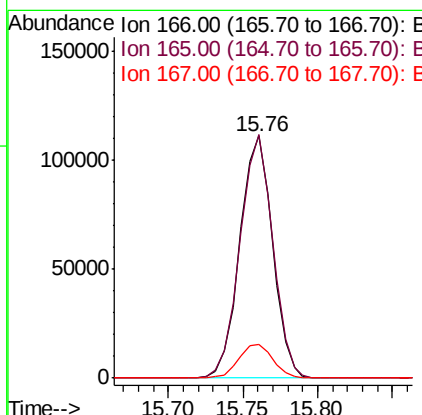
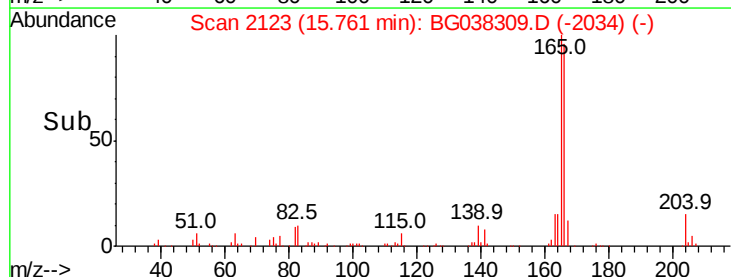
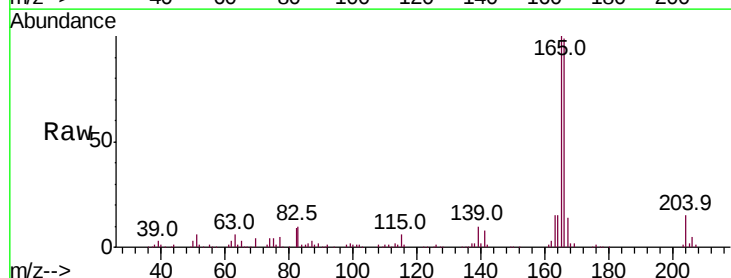
Manual Integrations
APPROVED

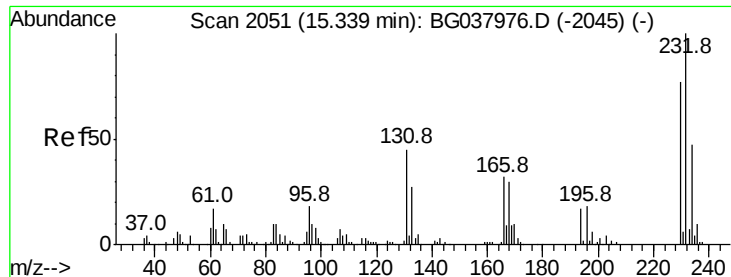
mohammad
12/4/2018 5:37:30 PM



#58
Fluorene
Concen: 46.559 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.6
167	13.8	11.3	16.9





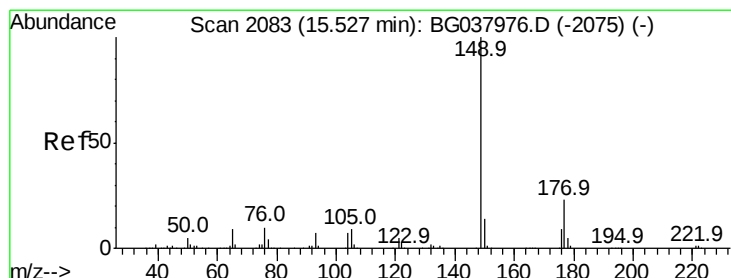
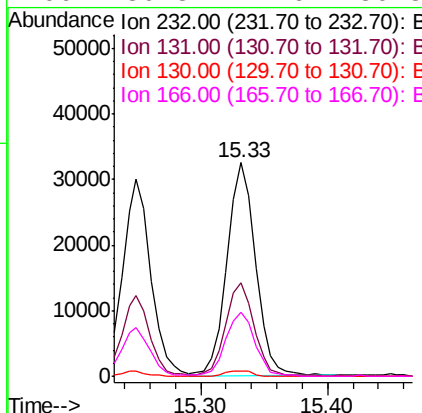
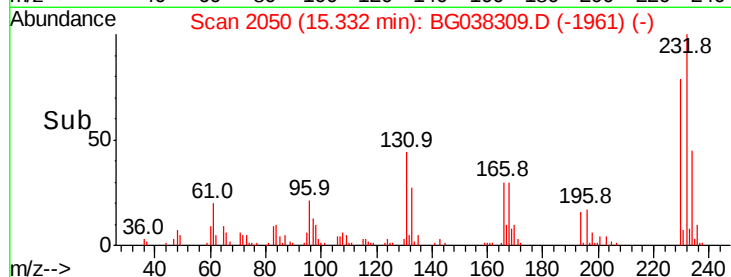
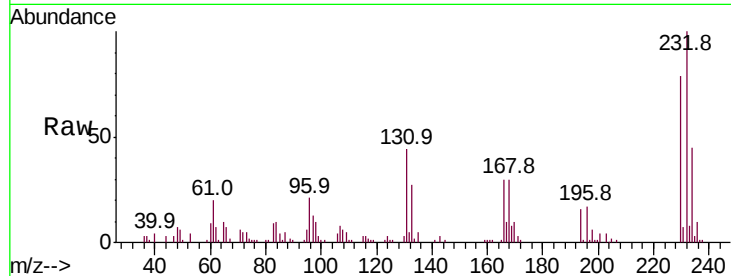
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.815 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	33.7	50.5
130	2.5	2.1	3.1
166	30.8	24.6	36.8

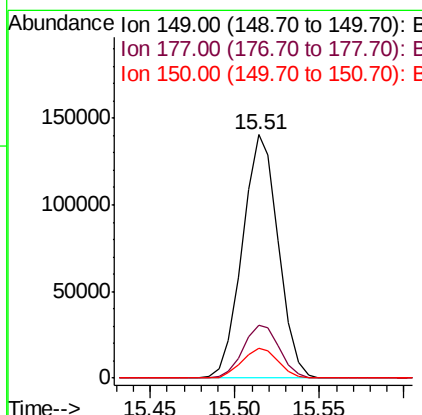
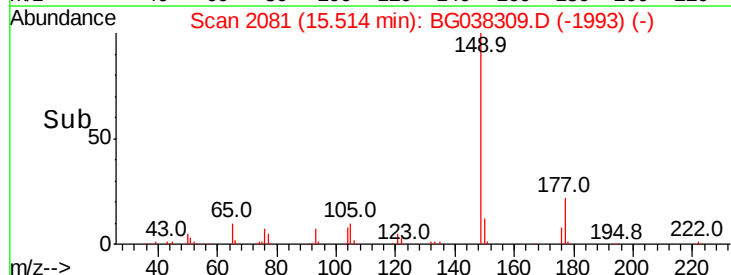
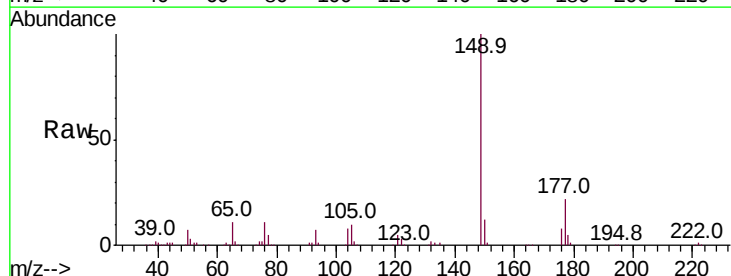
Manual Integrations
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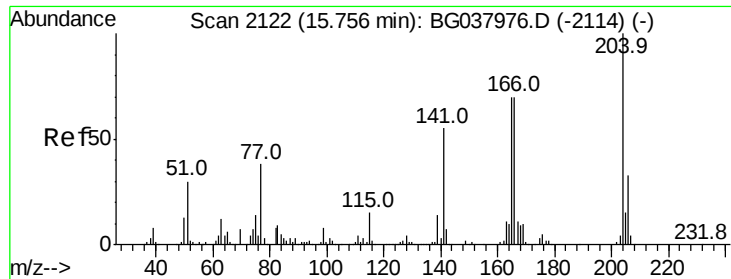
mohammad
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#60
 Diethylphthalate
 Concen: 48.492 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.3	27.5
150	12.5	10.0	15.0





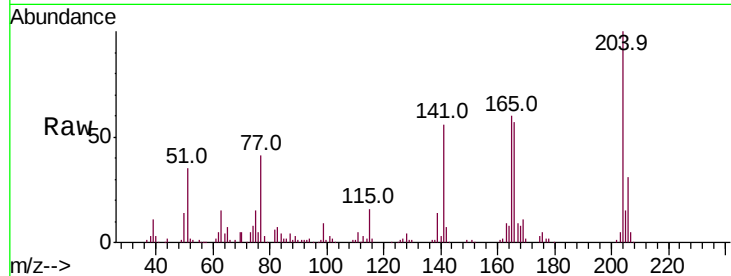
#61
4-Chlorophenyl-phenylether
Concen: 40.581 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.3	26.6	39.8
141	56.0	45.4	68.2

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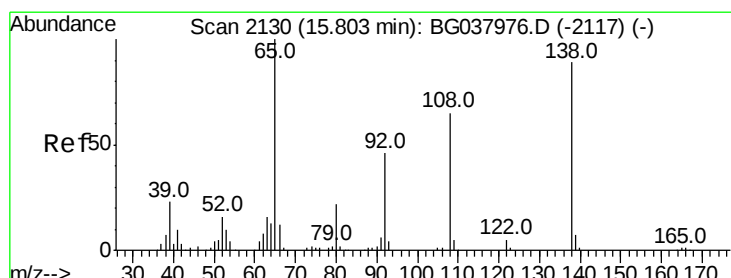
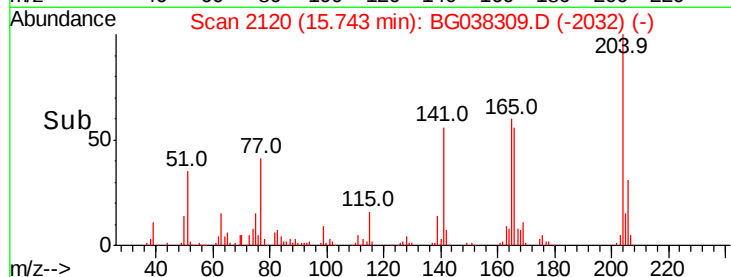
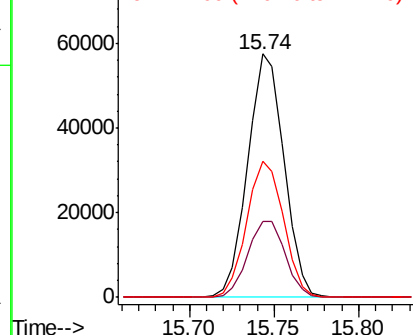


Abundance

Ion 204.00 (203.70 to 204.70): E

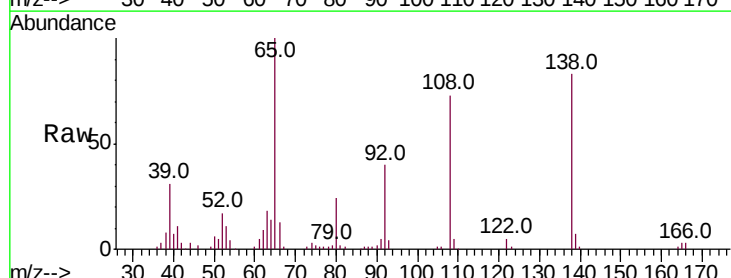
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 55.035 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	36.4	76.4
108	88.0	60.1	100.1

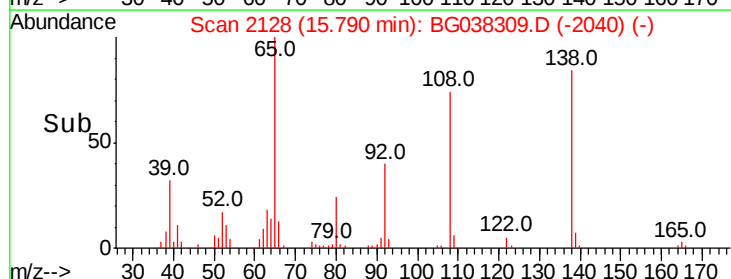
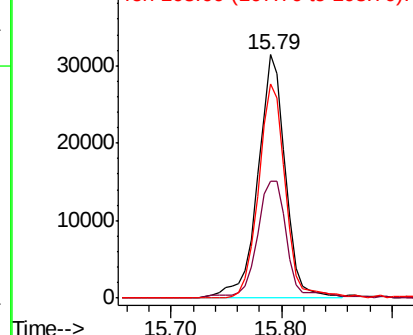


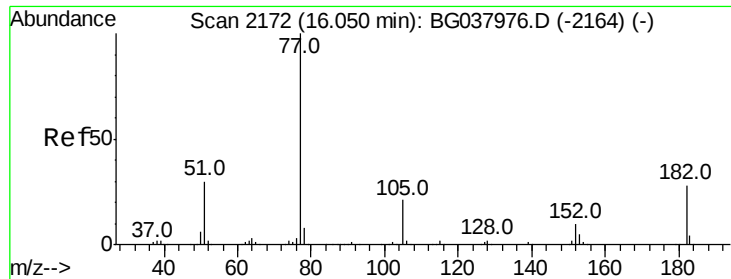
Abundance

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





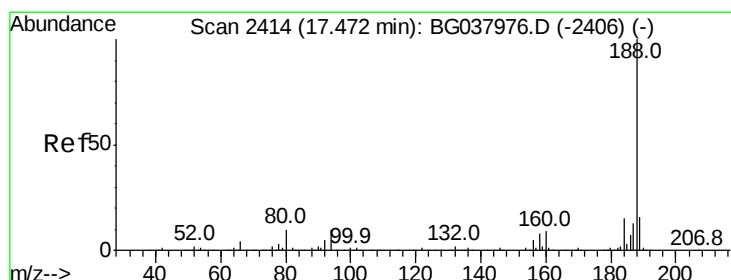
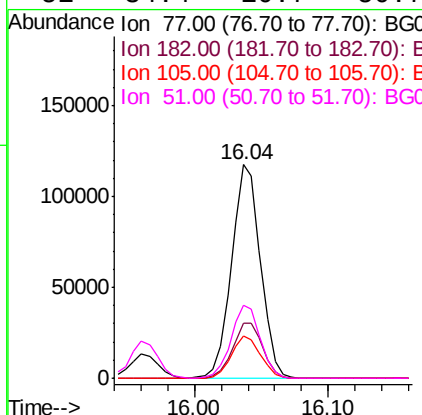
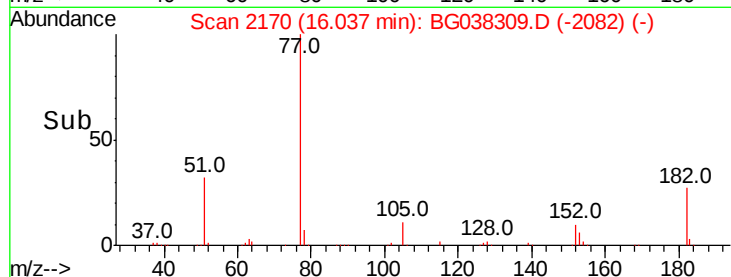
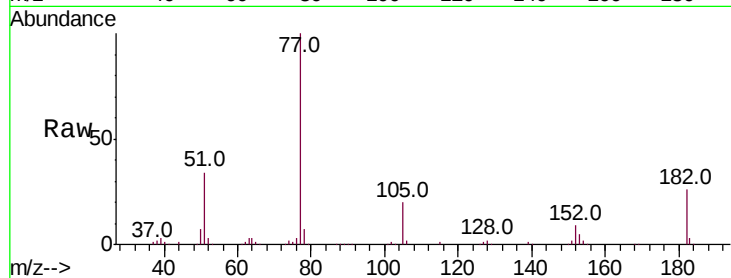
#63
Azobenzene
Concen: 46.337 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.7	8.0	48.0
105	19.8	1.3	41.3
51	34.4	10.7	50.7

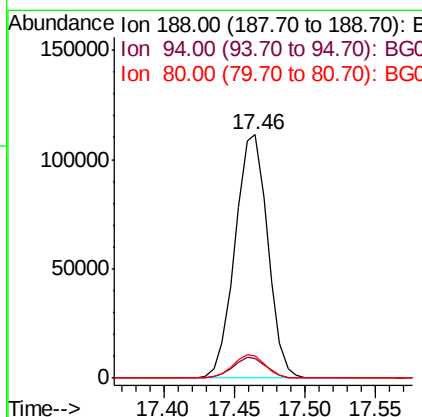
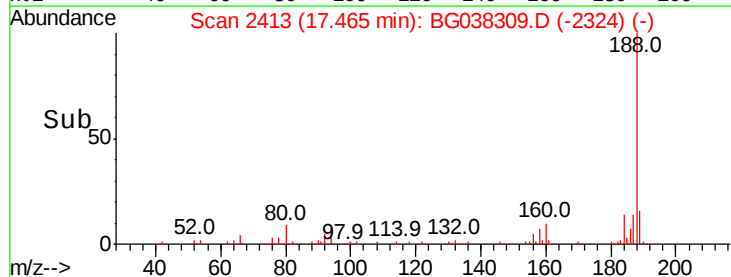
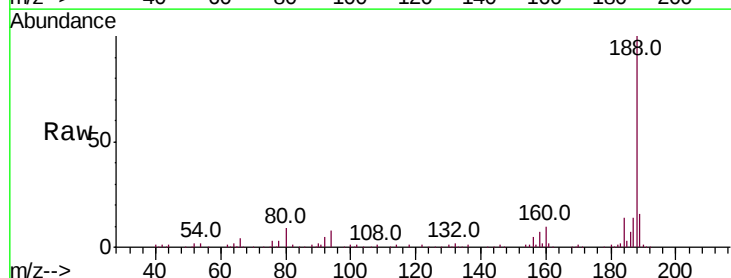
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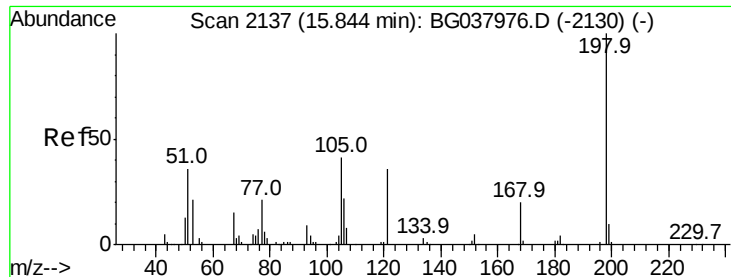
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.2	10.8
80	9.3	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 36.324 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:198 Resp: 41304

Ion Ratio Lower Upper

198 100

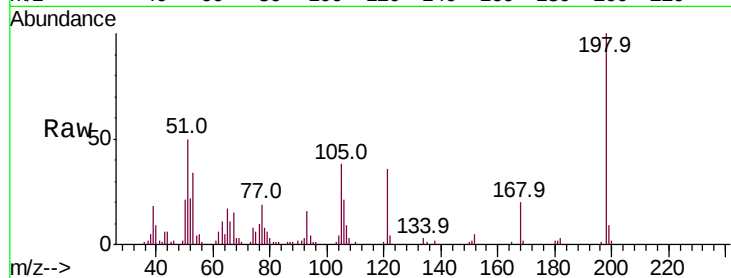
51 50.1 22.7 62.7

105 38.2 19.7 59.7

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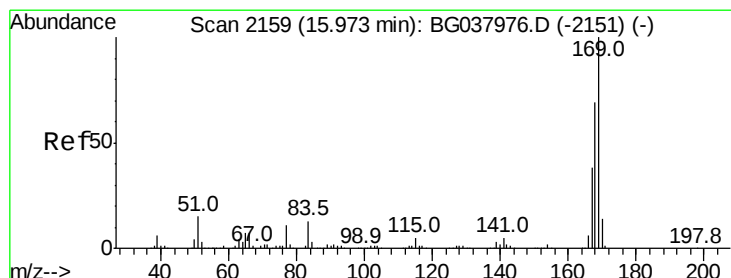
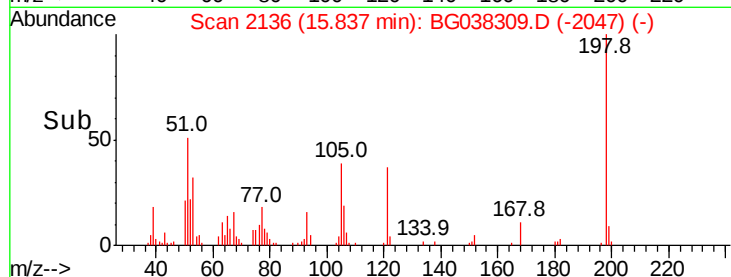
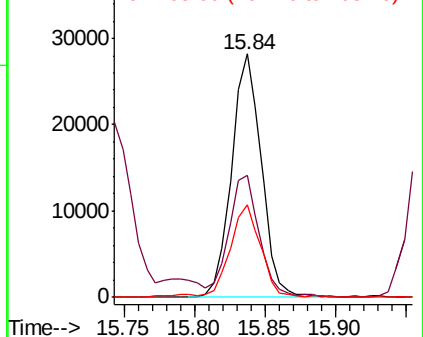
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 30.913 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

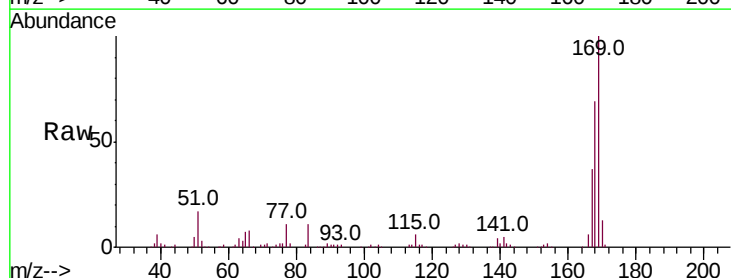
Tgt Ion:169 Resp: 168128

Ion Ratio Lower Upper

169 100

168 68.6 55.7 83.5

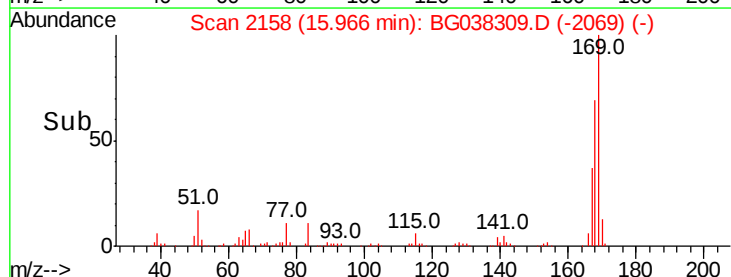
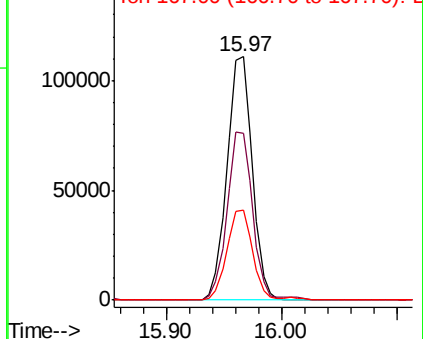
167 37.2 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





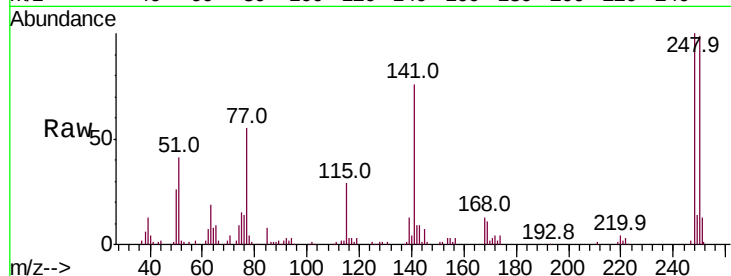
#67
4-Bromophenyl-phenylether
Concen: 30.702 ng
RT: 16.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.0	115.6
141	76.1	55.5	83.3

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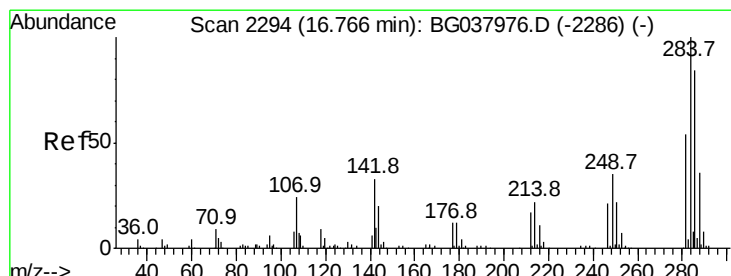
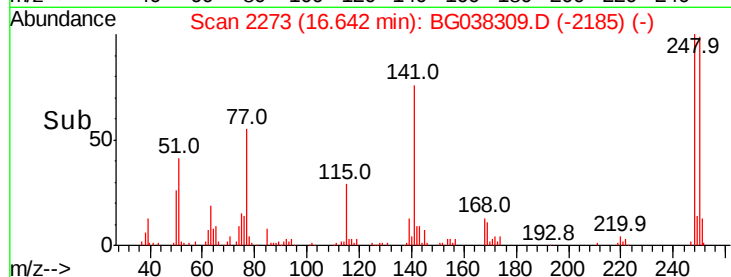
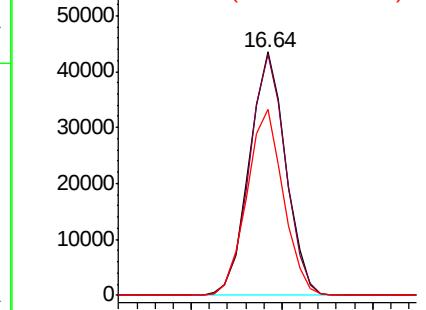


Abundance

Ion 248.00 (247.70 to 248.70): E

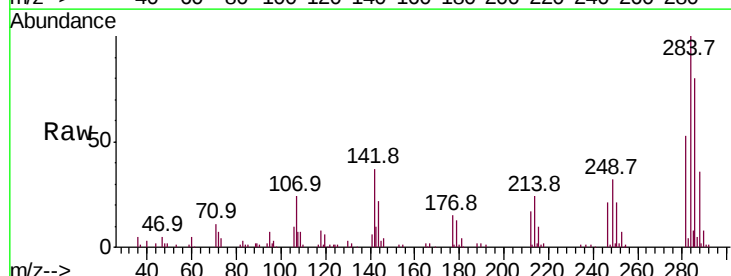
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.201 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.7	28.1	42.1
249	34.3	29.8	44.8

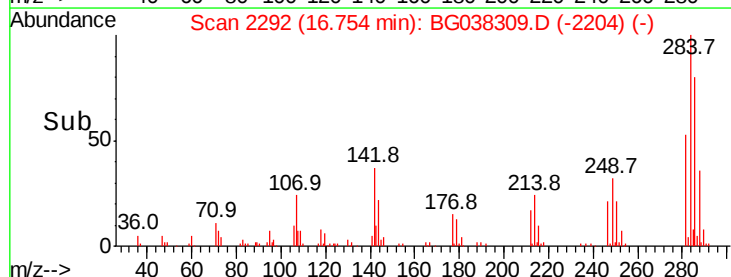
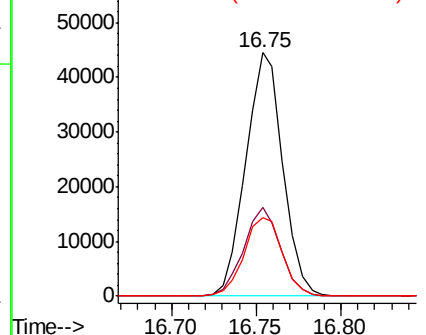


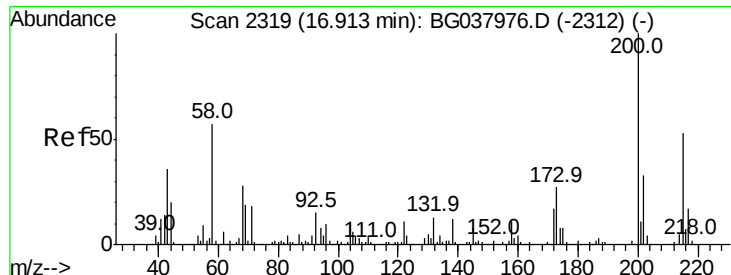
Abundance

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





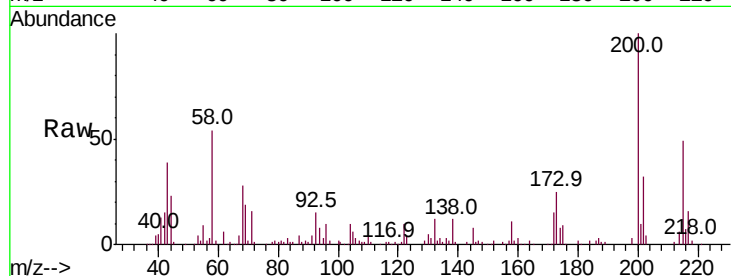
#69
Atrazine
Concen: 38.610 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

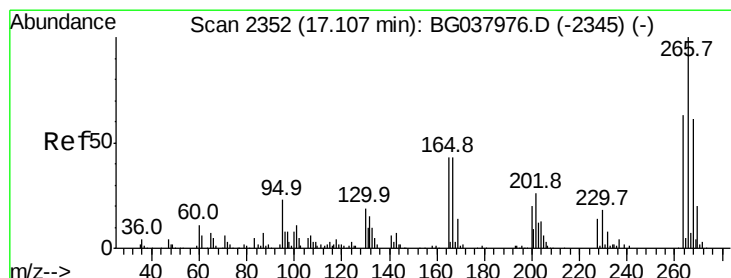
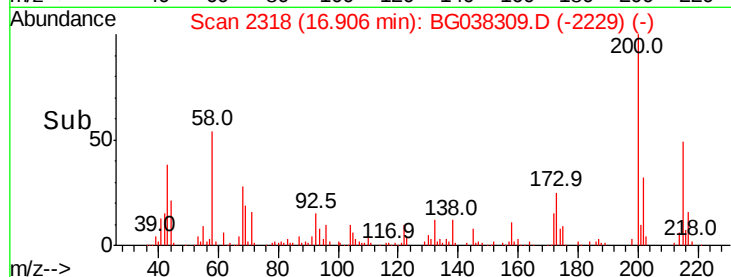
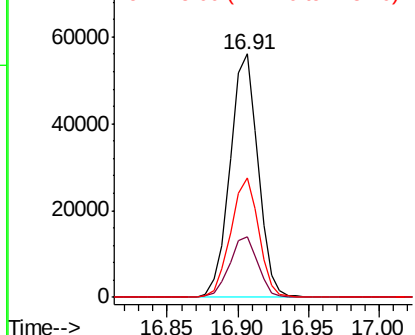
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	6.1	46.1
215	49.3	30.8	70.8

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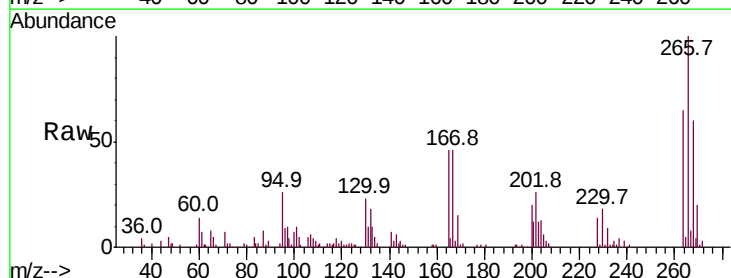


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

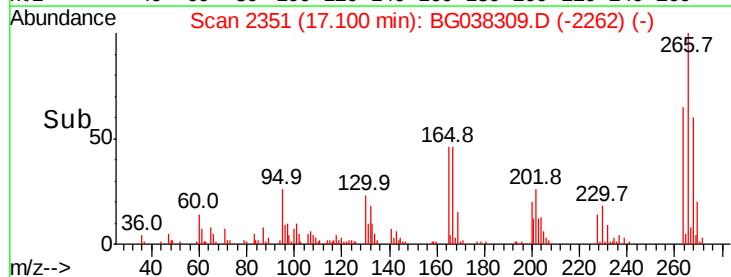
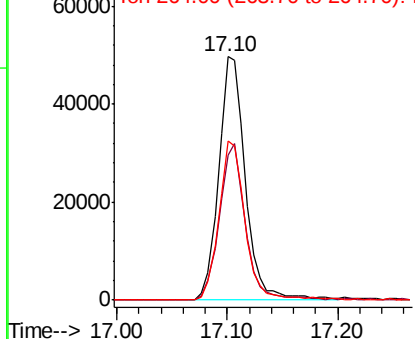


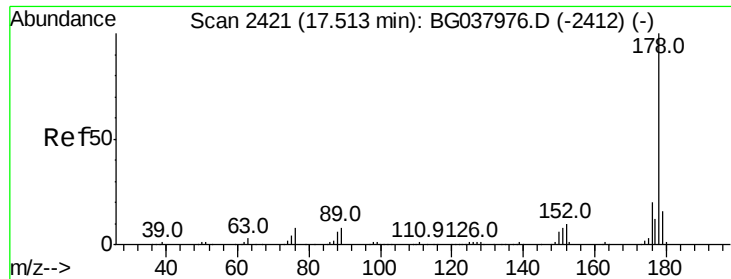
#70
Pentachlorophenol
Concen: 60.222 ng
RT: 17.10 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	55.0	82.6
264	65.3	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: 38.149 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

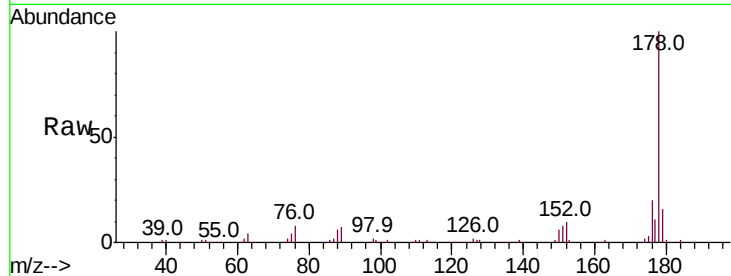
ClientSampleId :

S1-0-0.5-BGSMS

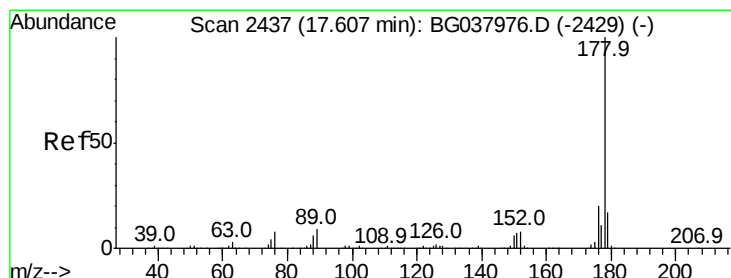
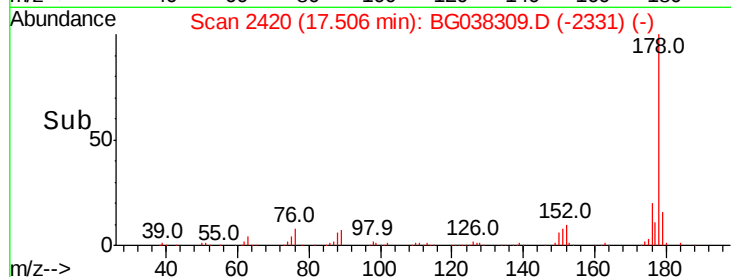
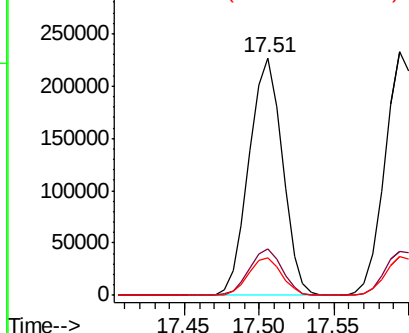
Tot Ion:	178	Resp:	351137
Ion Ratio	Lower	Upper	
178	100		
176	19.5	16.1	24.1
179	16.0	13.0	19.4

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



#72

Anthracene

Concen: 39.565 ng

RT: 17.59 min Scan# 2435

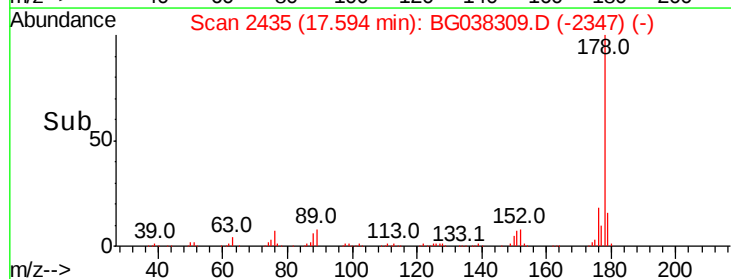
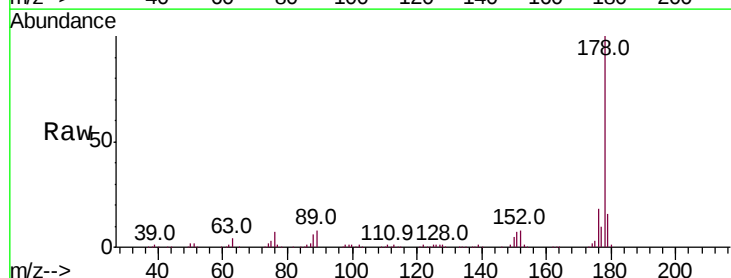
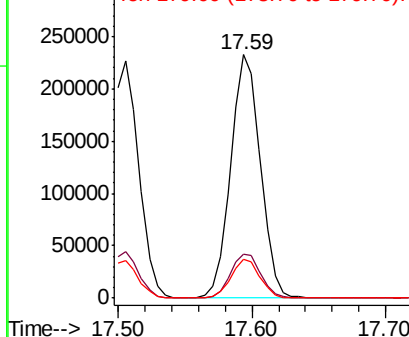
Delta R.T. -0.01 min

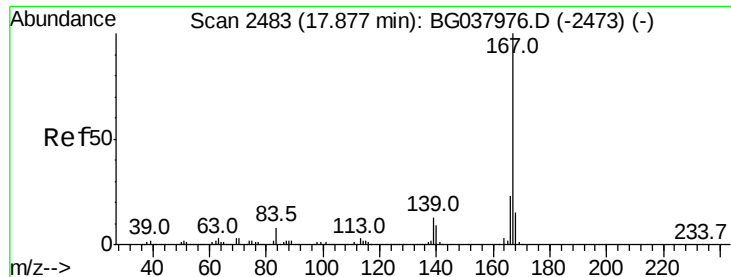
Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	178	Resp:	358976
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.0	22.4
179	15.9	12.8	19.2

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





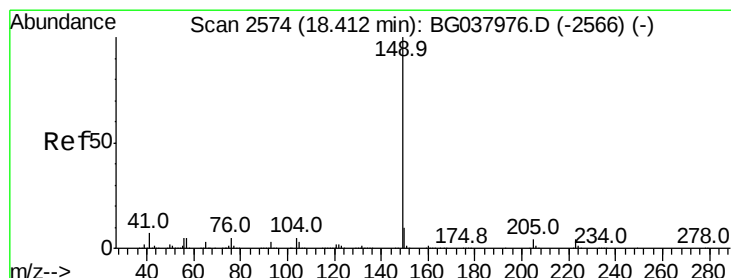
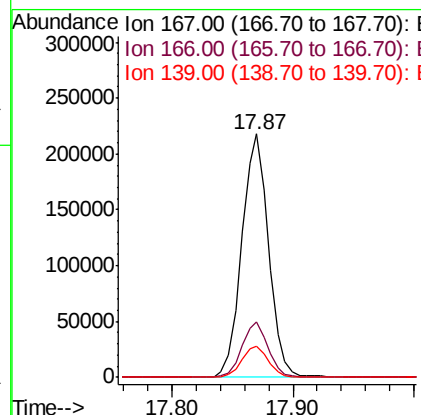
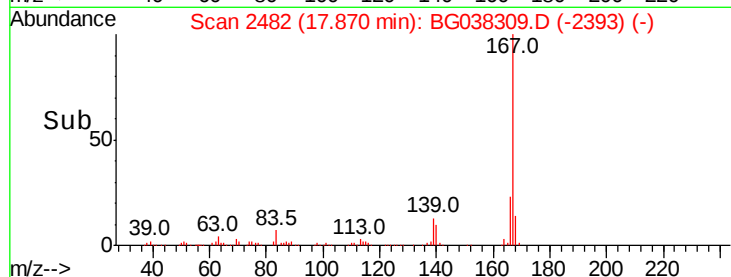
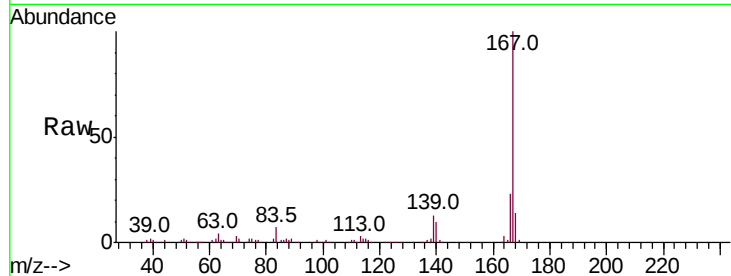
#73
 Carbazole
 Concen: 36.947 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.3	27.5
139	12.6	10.5	15.7

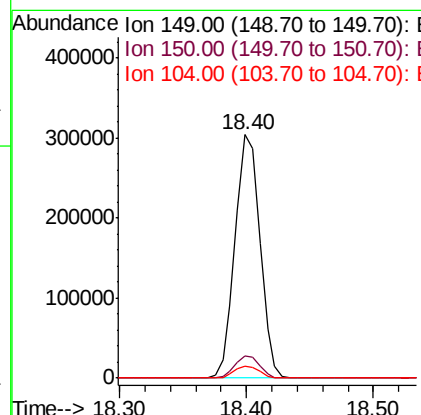
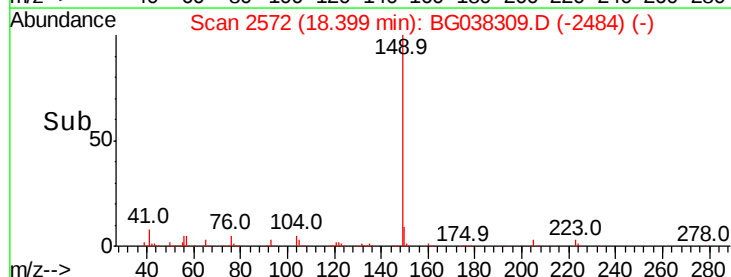
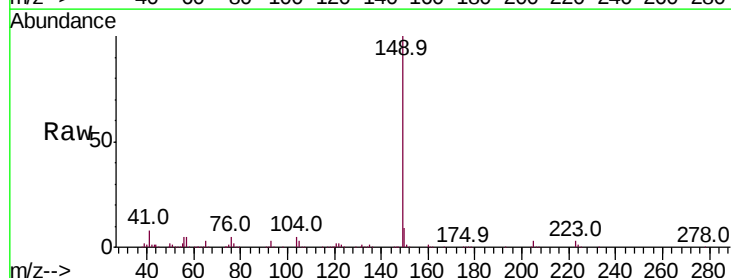
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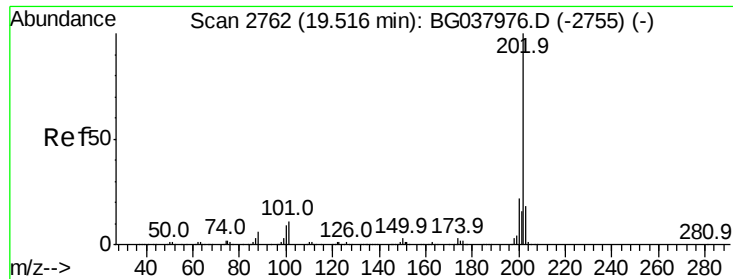
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#74
 Di-n-butylphthalate
 Concen: 40.357 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.1	4.0	6.0





#75

Fluoranthene

Concen: 42.023 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

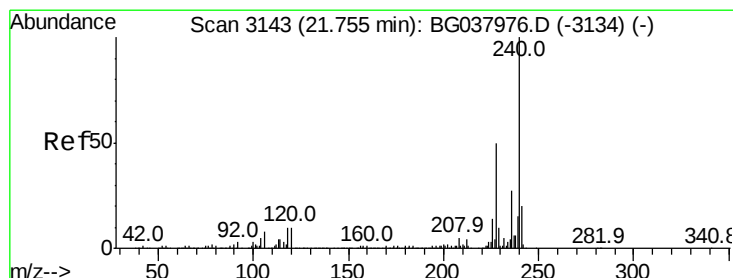
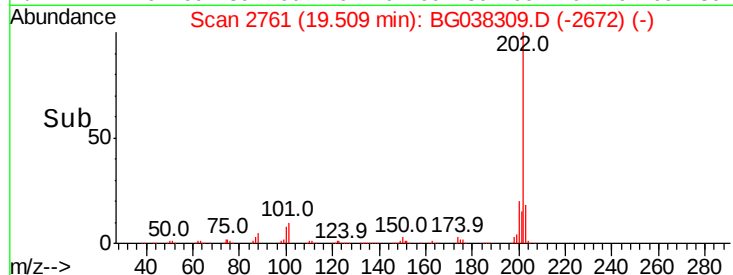
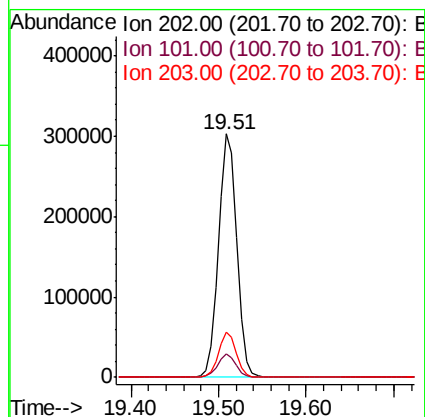
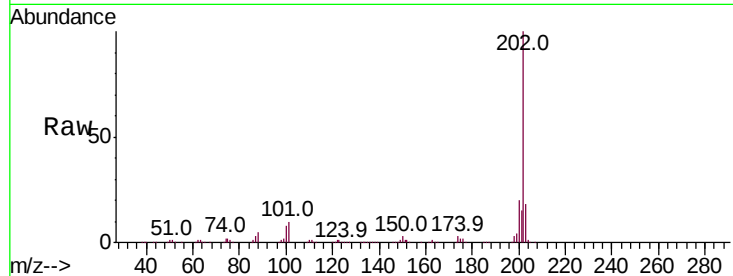
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	202	Resp:	441306
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	30.7
203	18.5	0.0	38.5

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#76

Chrysene-d12

Concen: 20.000 ng

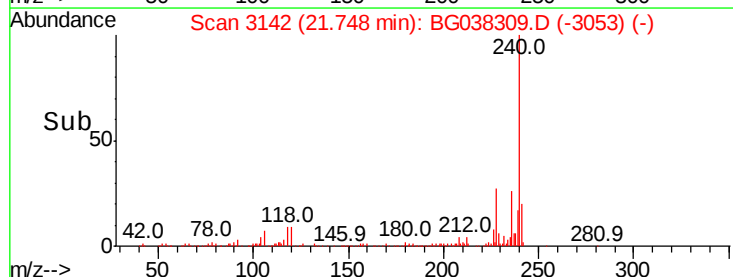
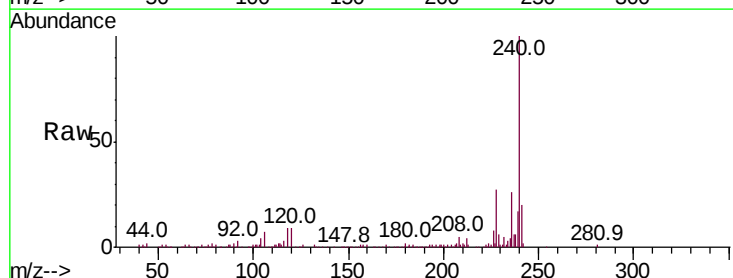
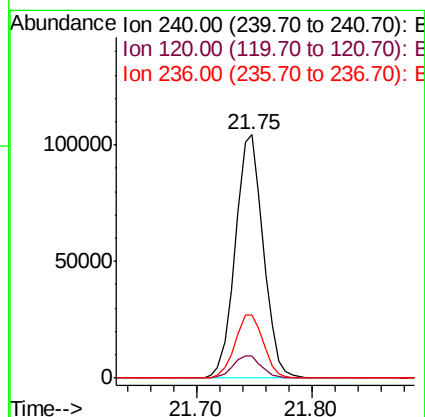
RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	240	Resp:	174713
Ion Ratio	Lower	Upper	
240	100		
120	9.2	8.1	12.1
236	26.1	21.4	32.0





#77

Benzidine

Concen: 14.369 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

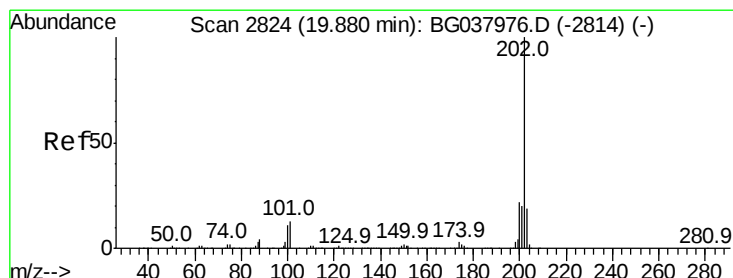
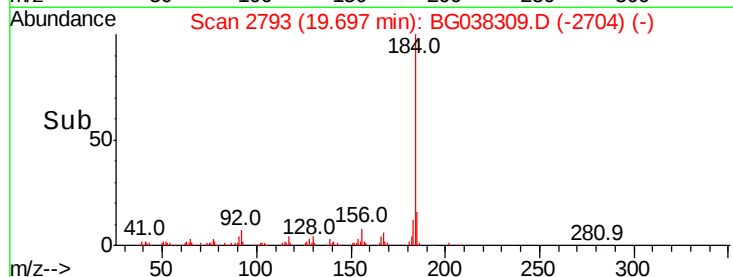
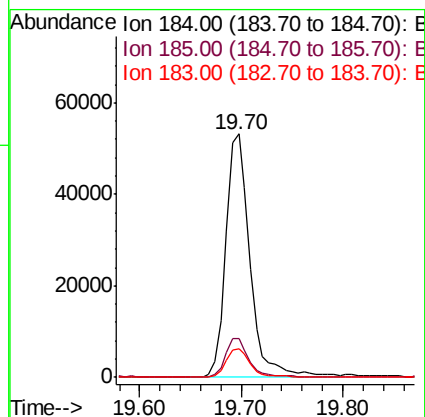
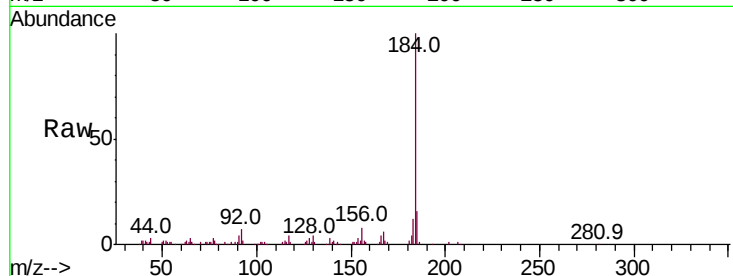
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	184	Resp:	88089
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	18.8
183	11.5	10.2	15.2

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#78

Pyrene

Concen: 38.660 ng

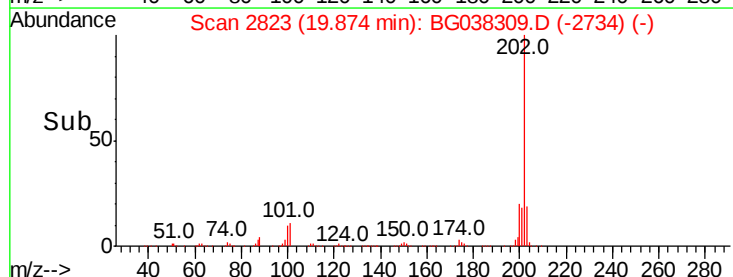
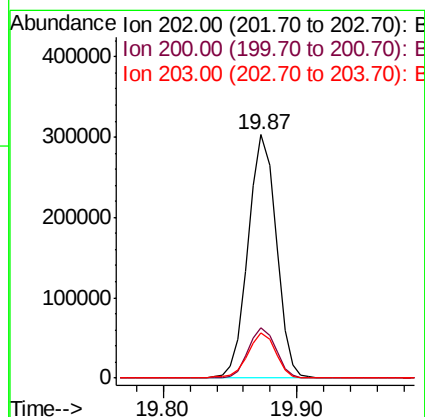
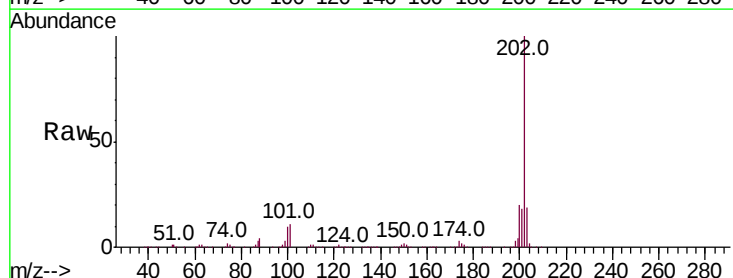
RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	202	Resp:	441605
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.8	26.6
203	18.7	15.2	22.8





#79

Terphenyl-d14

Concen: 83.470 ng

RT: 20.06 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

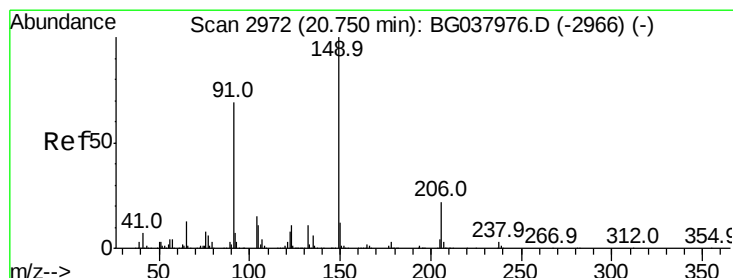
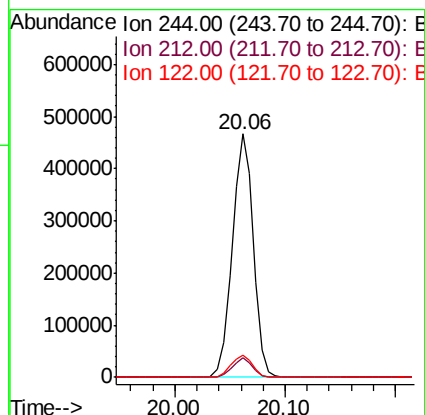
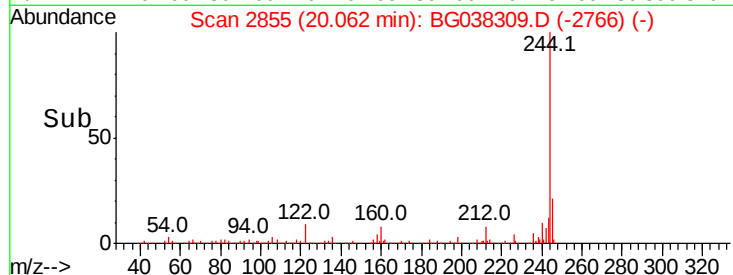
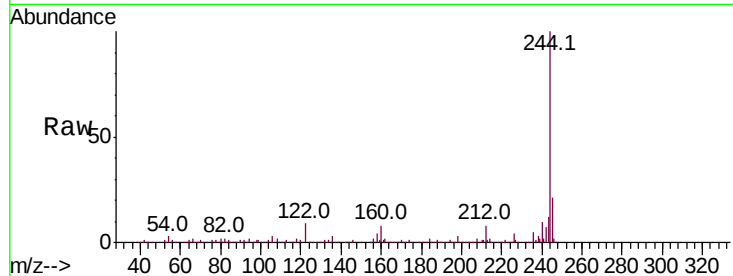
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	244	Resp:	619775
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.5	9.7
122	8.9	9.0	13.4

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#80

Butylbenzylphthalate

Concen: 36.341 ng

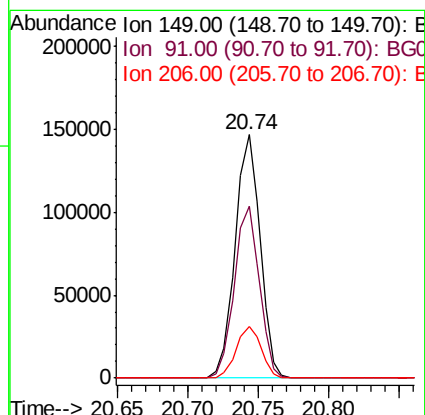
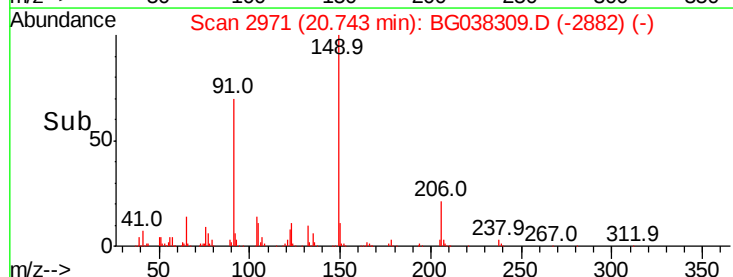
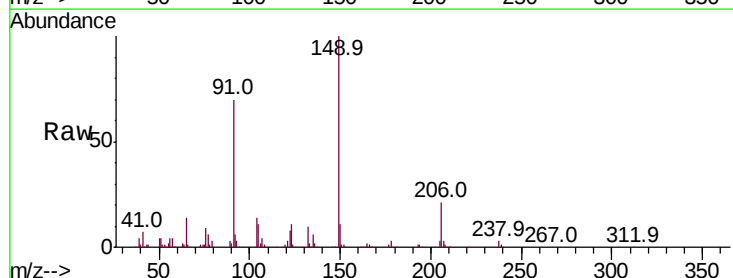
RT: 20.74 min Scan# 2971

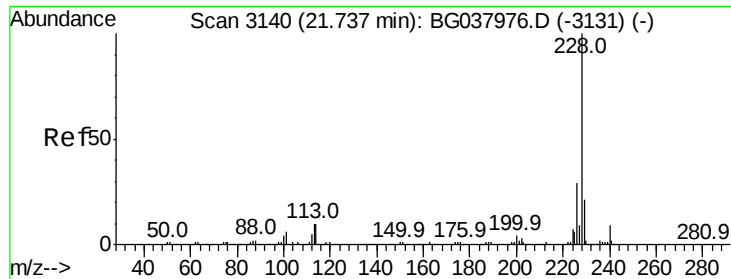
Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	149	Resp:	181536
Ion Ratio	Lower	Upper	
149	100		
91	70.4	57.0	85.4
206	21.2	17.8	26.6





#81

Benzo(a)anthracene

Concen: 38.174 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

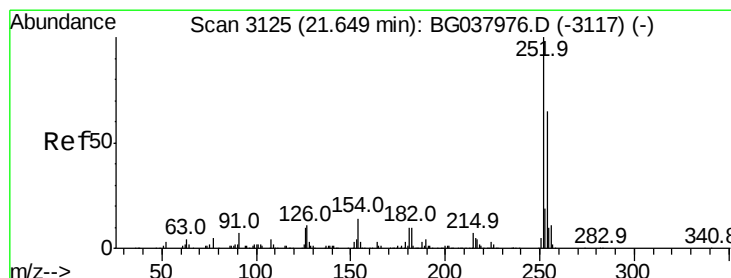
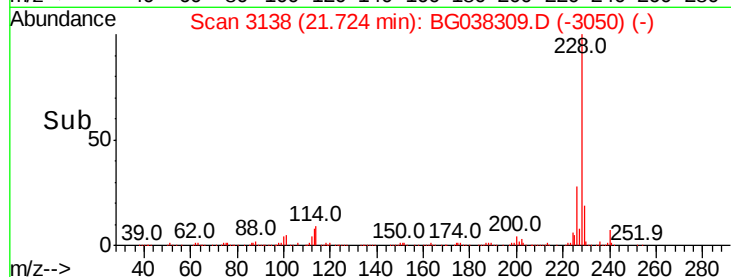
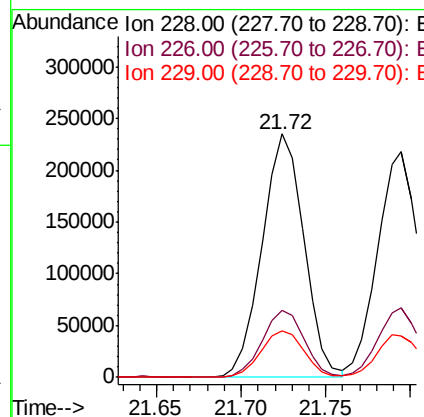
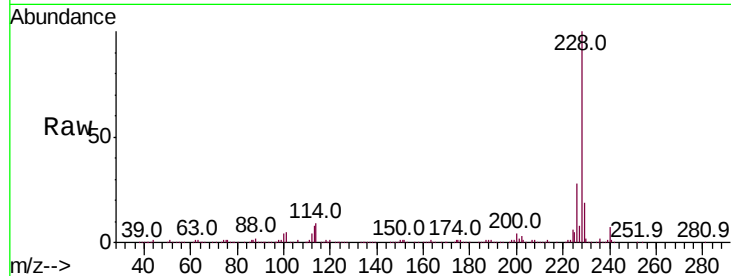
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.4	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 24.154 ng

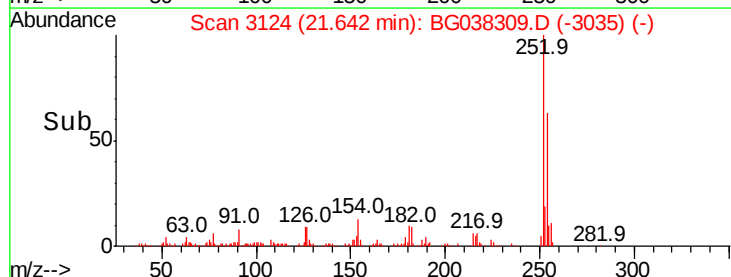
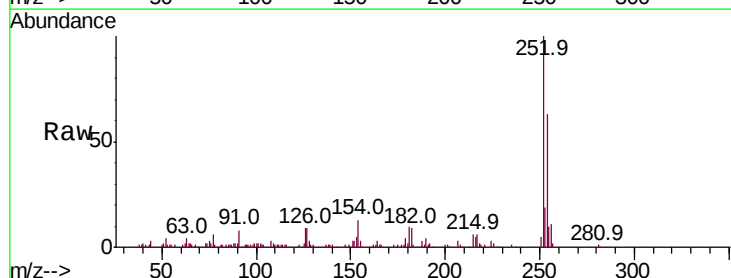
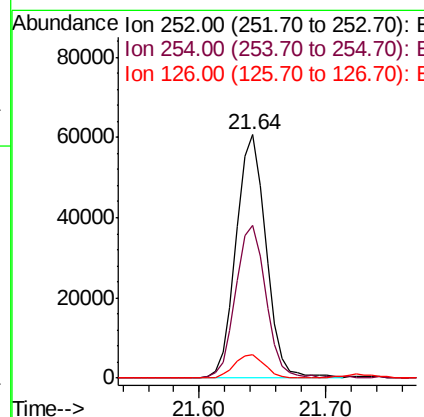
RT: 21.64 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.9	52.0	78.0
126	9.5	8.2	12.4





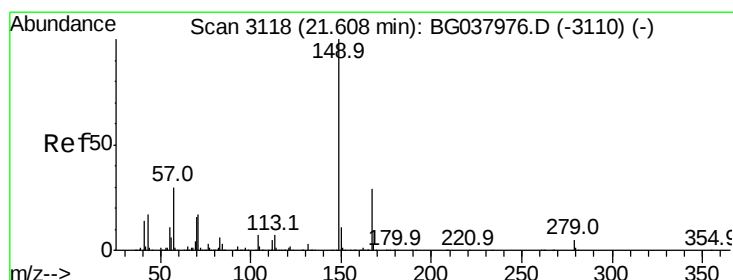
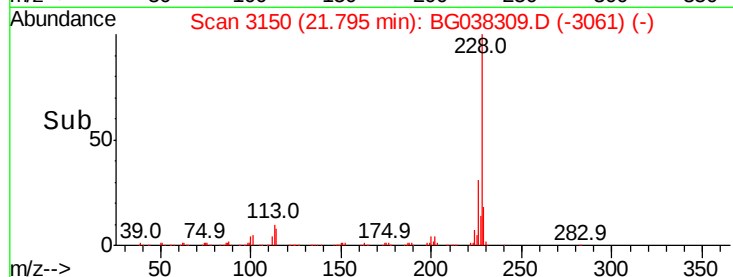
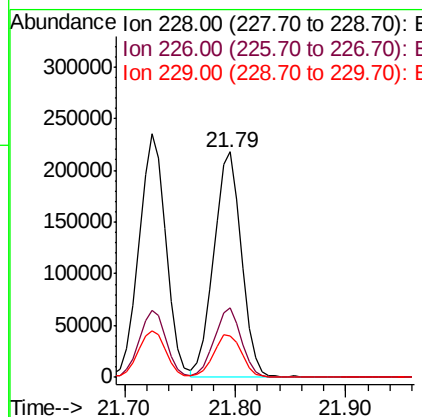
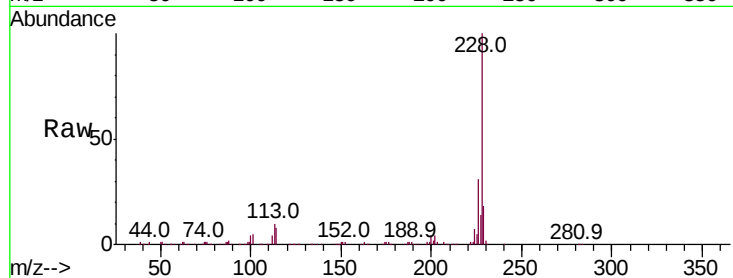
#83
 Chrysene
 Concen: 37.206 ng
 RT: 21.79 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.7	38.5
229	18.3	16.5	24.7

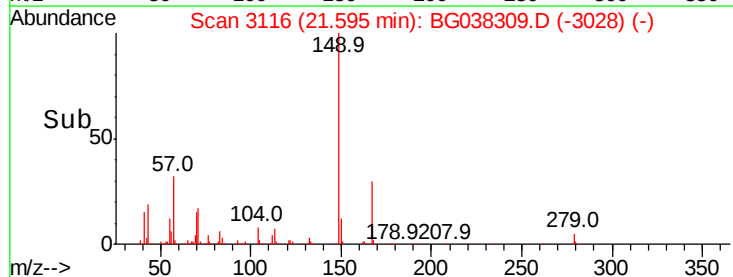
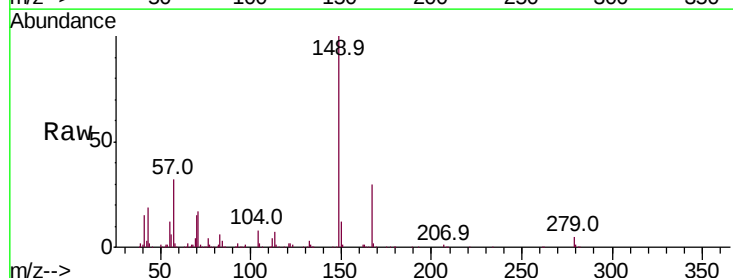
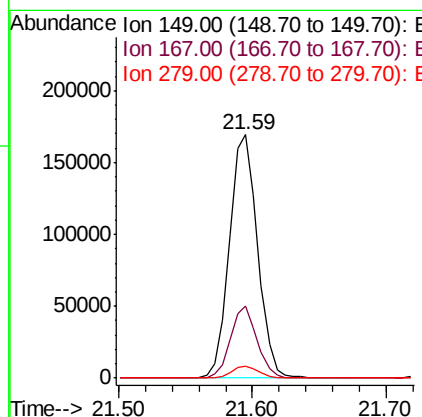
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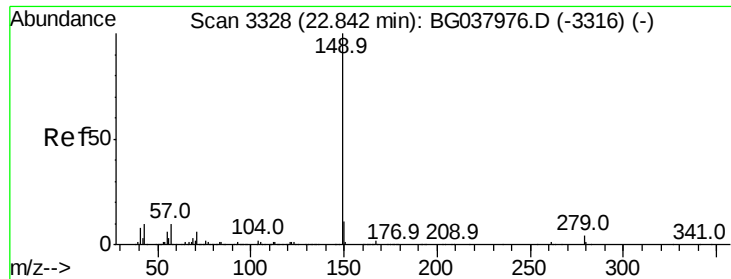
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.055 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG038309.D
 Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.7	23.0	34.4
279	4.8	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 38.705 ng

RT: 22.83 min Scan# 3326

Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

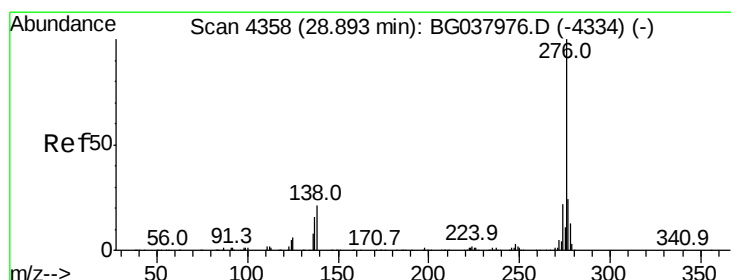
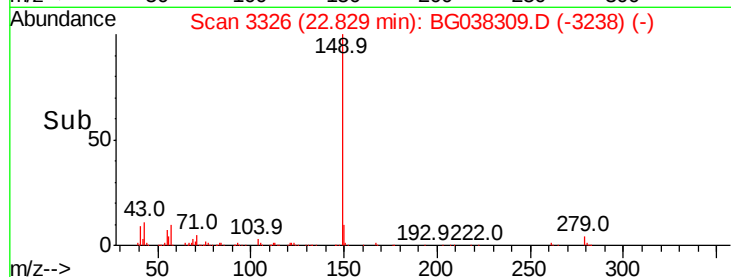
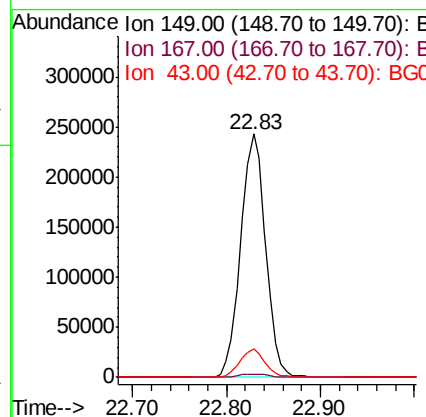
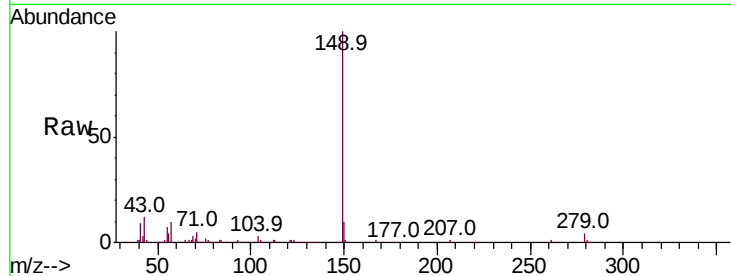
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	149	Resp:	446082
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.6	8.7	13.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.972 ng

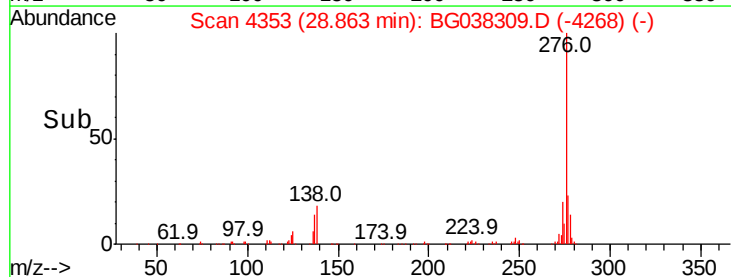
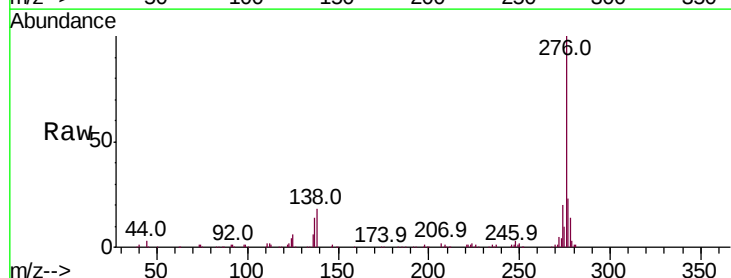
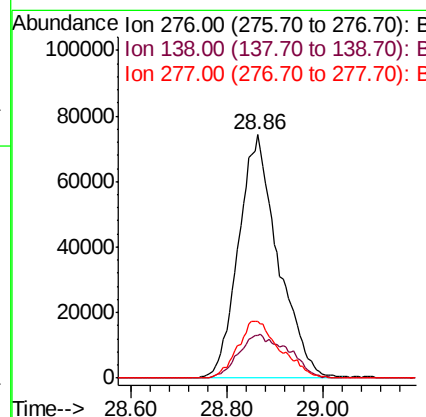
RT: 28.86 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	276	Resp:	426026
Ion Ratio	Lower	Upper	
276	100		
138	22.3	12.0	18.0#
277	25.2	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Instrument :

BNA_G

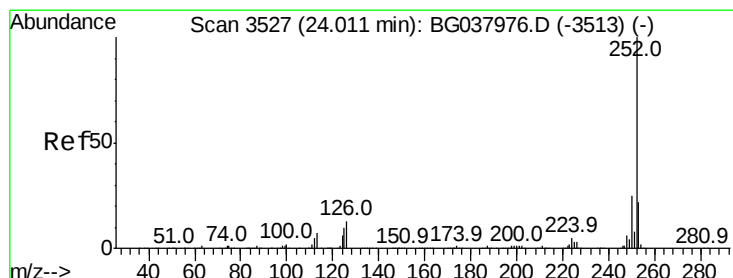
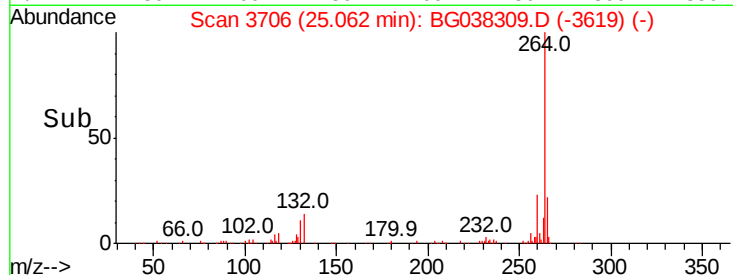
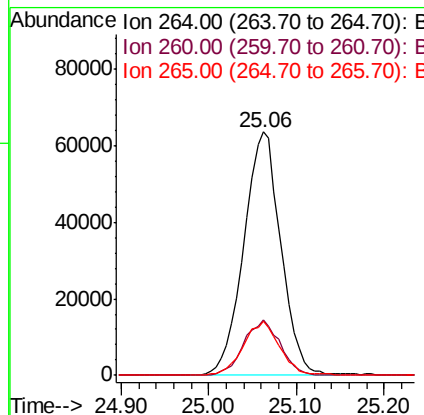
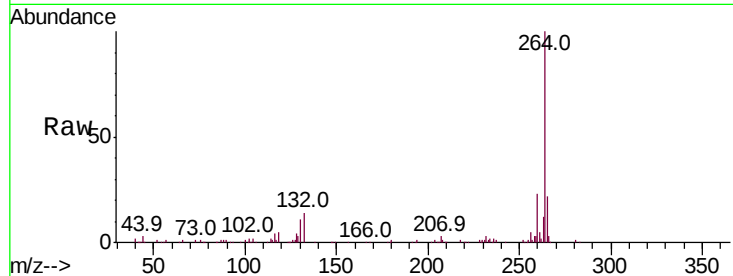
ClientSampleId :

S1-0-0.5-BGSMS

Tot Ion:	264	Resp:	183273
Ion Ratio	Lower	Upper	
264	100		
260	22.8	18.2	27.4
265	22.3	17.9	26.9

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#88

Benzo(b)fluoranthene

Concen: 41.890 ng

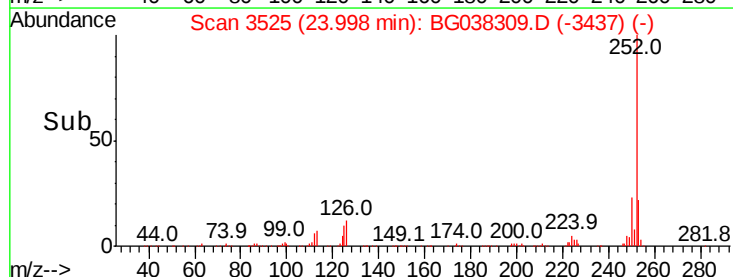
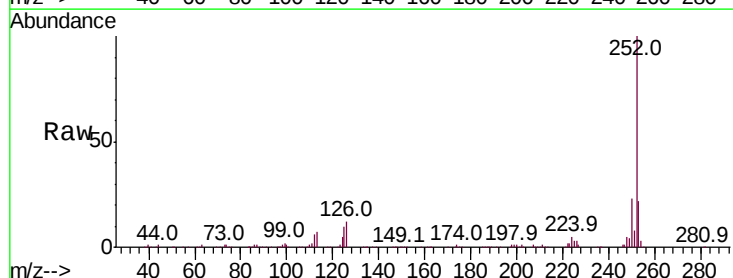
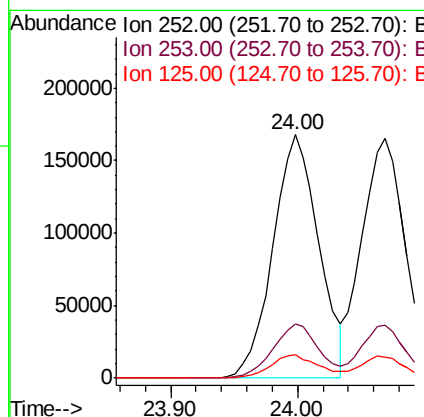
RT: 24.00 min Scan# 3525

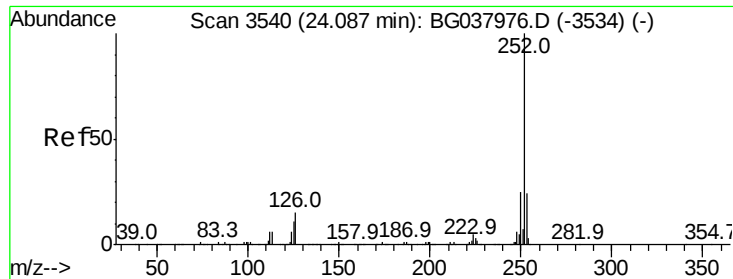
Delta R.T. -0.01 min

Lab File: BG038309.D

Acq: 3 Dec 2018 21:00

Tgt Ion:	252	Resp:	422481
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	9.8	7.8	11.6





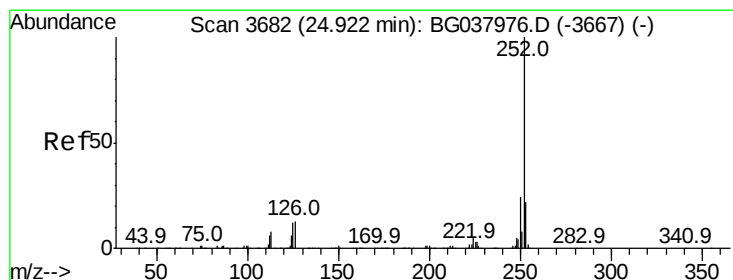
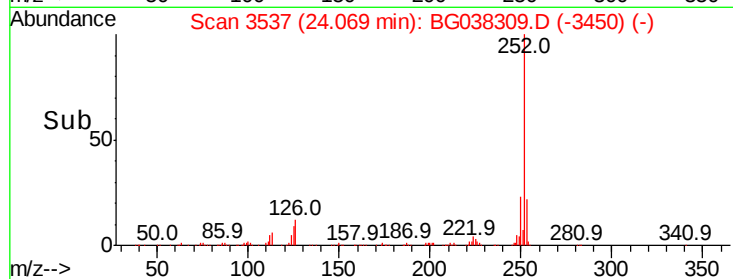
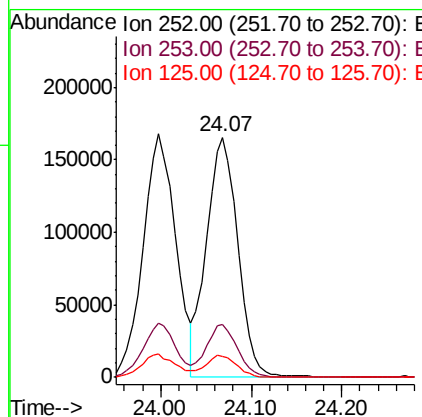
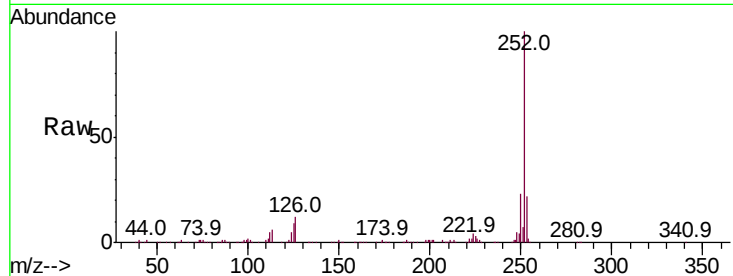
#89
Benzo(k)fluoranthene
Concen: 39.894 ng
RT: 24.07 min Scan# 3537
Delta R.T. -0.02 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	8.7	7.4	11.0

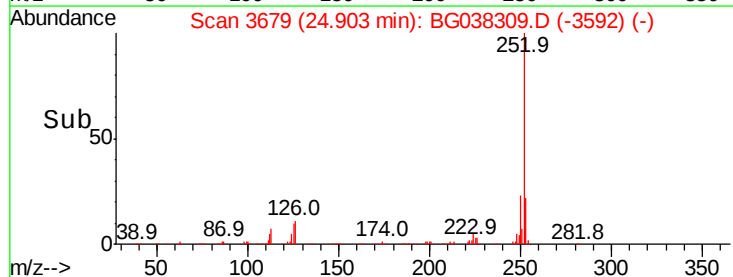
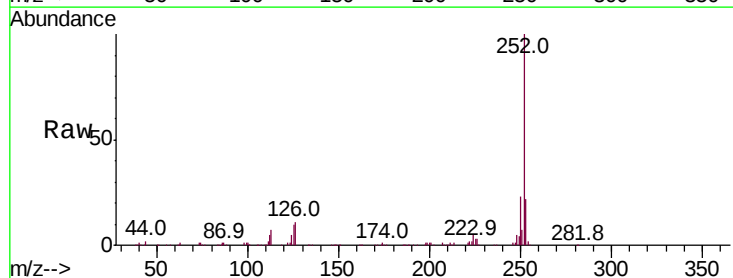
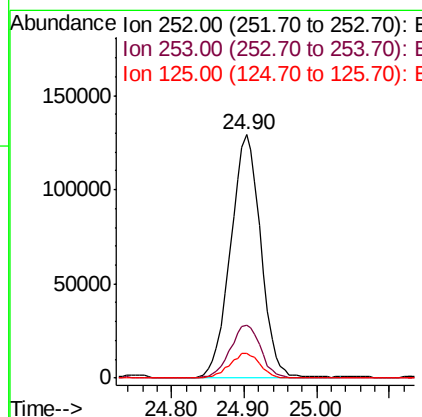
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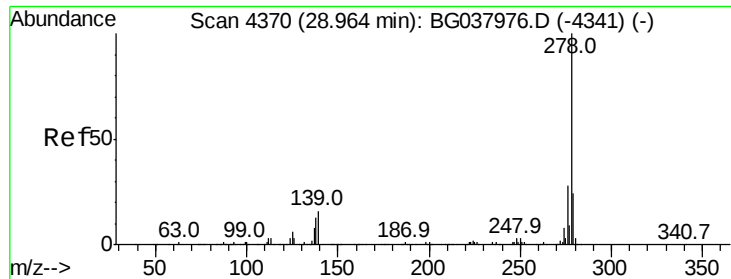
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#90
Benzo(a)pyrene
Concen: 38.905 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.4	9.0	13.6





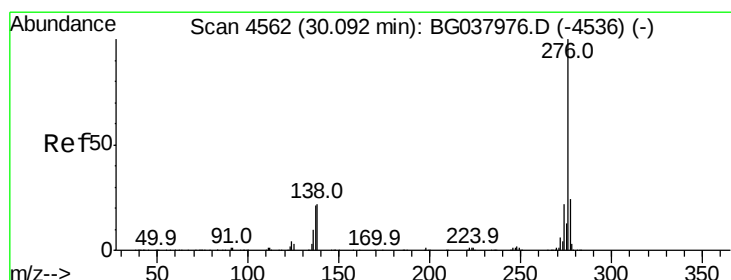
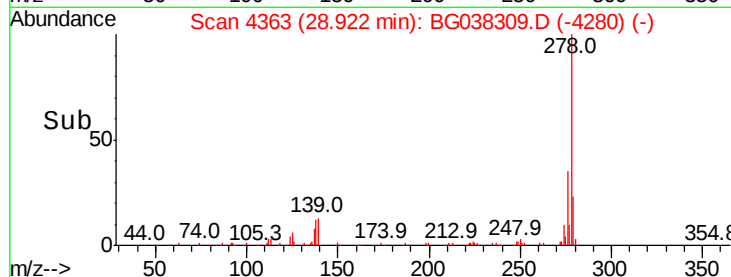
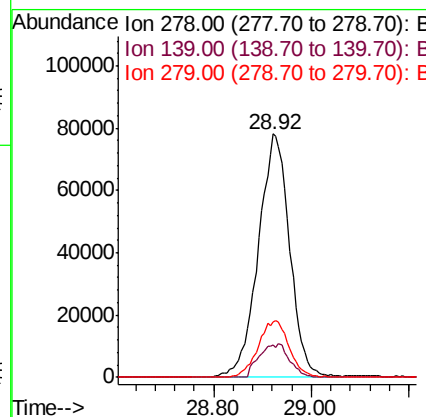
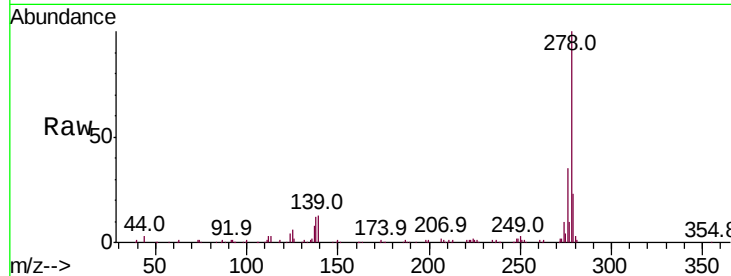
#91
Dibenzo(a,h)anthracene
Concen: 37.760 ng
RT: 28.92 min Scan# 4363
Delta R.T. -0.04 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGSMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.2	11.5	17.3
279	22.8	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 38.362 ng
RT: 30.07 min Scan# 4558
Delta R.T. -0.02 min
Lab File: BG038309.D
Acq: 3 Dec 2018 21:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	18.9	17.2	25.8

