

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120318\
 Data File : BG038310.D
 Acq On : 3 Dec 2018 21:39
 Operator : JU/SJ
 Sample : J6179-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 12/4/2018 5:37:33 PM

Quant Time: Dec 04 06:02:27 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	18259	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	74600	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	60698	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	188054	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	178632	20.00	ng	0.00
87) Perylene-d12	25.06	264	220881	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	112887	106.75	ng	-0.01
7) Phenol-d6	7.22	99	196177	129.96	ng	0.00
23) Nitrobenzene-d5	9.25	82	120593	86.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	126099	182.16	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	327894	78.70	ng	-0.01
79) Terphenyl-d14	20.06	244	736075	96.96	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.50	88	11000	22.021	ng	# 79
3) Pyridine	3.91	79	34116	23.943	ng	97
4) n-Nitrosodimethylamine	3.83	42	20748	40.135	ng	89
6) Aniline	7.40	93	58076	29.808	ng	98
8) 2-Chlorophenol	7.63	128	53979	43.989	ng	97
9) Benzaldehyde	7.21	77	27275	24.984	ng	99
10) Phenol	7.25	94	75379	47.142	ng	98
11) bis(2-Chloroethyl)ether	7.49	93	50042	38.335	ng	98
12) 1,3-Dichlorobenzene	7.96	146	50810	35.943	ng	95
13) 1,4-Dichlorobenzene	8.11	146	66522	46.584	ng	97
14) 1,2-Dichlorobenzene	8.43	146	47678	34.971	ng	98
15) Benzyl Alcohol	8.32	79	52015	47.619	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	106707	44.022	ng	97
17) 2-Methylphenol	8.51	107	46670	43.172	ng	98
18) Hexachloroethane	9.16	117	16266	31.299	ng	# 83
19) n-Nitroso-di-n-propylamine	8.87	70	44207	40.472	ng	94
20) 3+4-Methylphenols	8.84	107	64446	42.054	ng	97
22) Acetophenone	8.90	105	78399	42.239	ng	# 98
24) Nitrobenzene	9.30	77	60570	42.487	ng	99
25) Isophorone	9.81	82	132188	52.699	ng	96
26) 2-Nitrophenol	10.00	139	29923	42.045	ng	98
27) 2,4-Dimethylphenol	10.05	122	55994	52.219	ng	92
28) bis(2-Chloroethoxy)methane	10.29	93	71421	44.528	ng	99
29) 2,4-Dichlorophenol	10.54	162	58946	48.872	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	53237	39.389	ng	97
31) Naphthalene	10.95	128	164514	44.836	ng	100
32) Benzoic acid	10.17	122	24048	38.213	ng	90
33) 4-Chloroaniline	11.06	127	52154	30.557	ng	99
34) Hexachlorobutadiene	11.21	225	31268	37.589	ng	95
35) Caprolactam	11.84	113	36785m	76.195	ng	
36) 4-Chloro-3-methylphenol	12.16	107	78768	59.777	ng	99
37) 2-Methylnaphthalene	12.55	142	138232	52.448	ng	98
38) 1-Methylnaphthalene	12.76	142	133547	52.641	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	76115	37.527	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	87609	80.665	nq	96
43) 2,4,6-Trichlorophenol	13.15	196	60746	43.951	nq	99
44) 2,4,5-Trichlorophenol	13.22	196	69817	48.009	nq	97
46) 1,1'-Biphenyl	13.55	154	192375	37.726	nq	99
47) 2-Chloronaphthalene	13.59	162	155003	39.834	nq	99
48) 2-Nitroaniline	13.80	65	62961	51.411	nq	98
49) Acenaphthylene	14.44	152	278169	47.538	nq	99
50) Dimethylphthalate	14.16	163	268934	55.888	nq	99
51) 2,6-Dinitrotoluene	14.29	165	55928	51.353	nq	91
52) Acenaphthene	14.78	154	159547	45.290	nq	97
53) 3-Nitroaniline	14.63	138	46400	38.610	nq	# 92
54) 2,4-Dinitrophenol	14.83	184	74058	120.658	nq	# 83
55) Dibenzofuran	15.11	168	272522	46.785	nq	96
56) 4-Nitrophenol	14.93	139	108321	116.869	nq	87
57) 2,4-Dinitrotoluene	15.08	165	86714	58.520	nq	96
58) Fluorene	15.76	166	232837	53.573	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	72143	59.286	nq	99
60) Diethylphthalate	15.51	149	274304	53.669	nq	98
61) 4-Chlorophenyl-phenylether	15.75	204	118794	46.712	nq	99
62) 4-Nitroaniline	15.80	138	70076	58.698	nq	94
63) Azobenzene	16.04	77	242986	53.172	nq	94
65) 4,6-Dinitro-2-methylphenol	15.84	198	56588	47.575	nq	95
66) n-Nitrosodiphenylamine	15.97	169	224531	39.467	nq	98
67) 4-Bromophenyl-phenylether	16.64	248	83413	40.412	nq	96
68) Hexachlorobenzene	16.75	284	88457	41.519	nq	98
69) Atrazine	16.91	200	95933	45.743	nq	98
70) Pentachlorophenol	17.11	266	114287	78.984	nq	91
71) Phenanthrene	17.51	178	447631	46.492	nq	99
72) Anthracene	17.60	178	455332	47.976	nq	100
73) Carbazole	17.87	167	421977	44.316	nq	99
74) Di-n-butylphthalate	18.40	149	512766	47.972	nq	97
75) Fluoranthene	19.51	202	566005	51.525	nq	99
77) Benzidine	19.70	184	127089	20.276	nq	99
78) Pyrene	19.87	202	542628	46.462	nq	98
80) Butylbenzylphthalate	20.74	149	229133	44.862	nq	100
81) Benzo(a)anthracene	21.72	228	503084	46.604	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	125901	29.941	nq	98
83) Chrysene	21.79	228	467937	45.306	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	323364	44.395	nq	99
85) Di-n-octyl phthalate	22.83	149	539620	45.794	nq	98
86) Indeno(1,2,3-cd)pyrene	28.87	276	580450	50.601	nq	# 92
88) Benzo(b)fluoranthene	24.00	252	569859	46.882	nq	99
89) Benzo(k)fluoranthene	24.07	252	534760	44.585	nq	99
90) Benzo(a)pyrene	24.91	252	567749	48.875	nq	100
91) Dibenzo(a,h)anthracene	28.93	278	466907	41.774	nq	98
92) Benzo(g,h,i)perylene	30.07	276	464500	41.796	nq	97

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

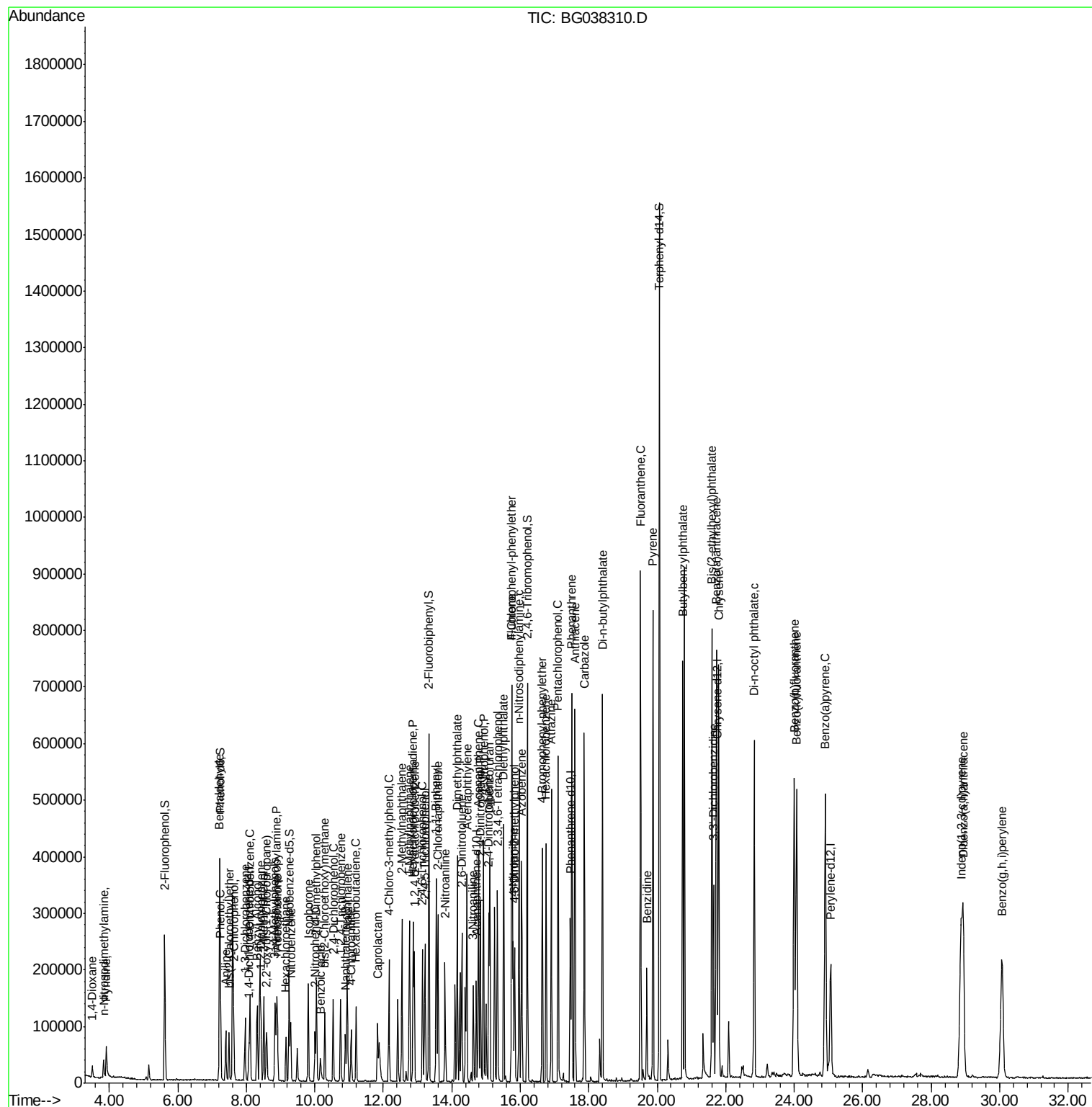
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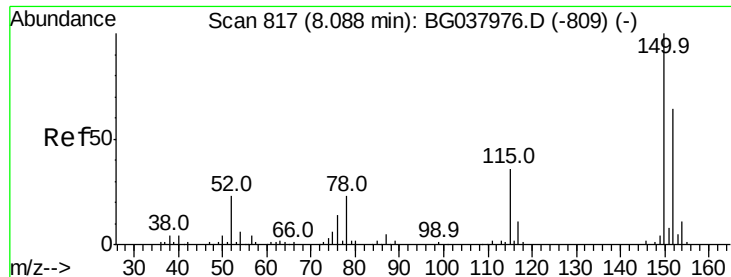
Instrument :
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#1

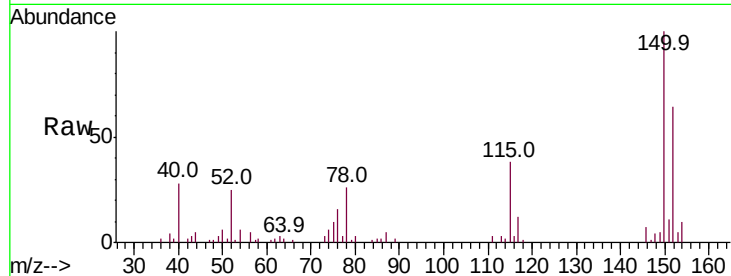
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.0	189.0
115	58.9	45.5	68.3

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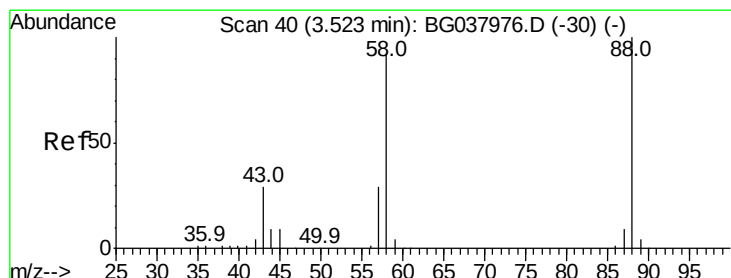
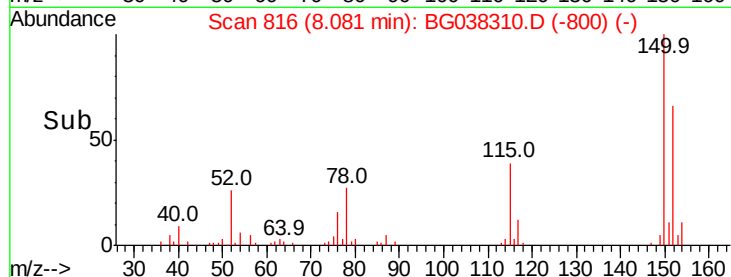
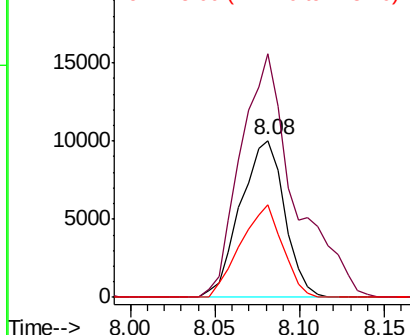


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

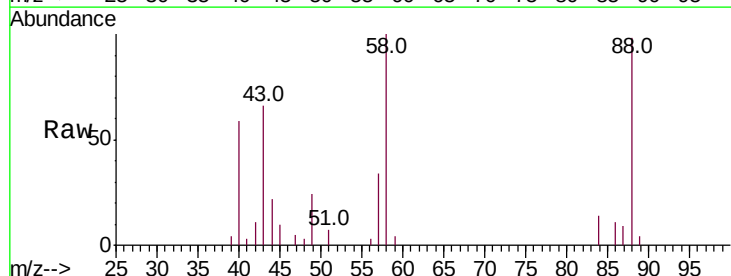
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.021 ng
RT: 3.50 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	109.0	74.4	111.6
43	51.4	25.8	38.8

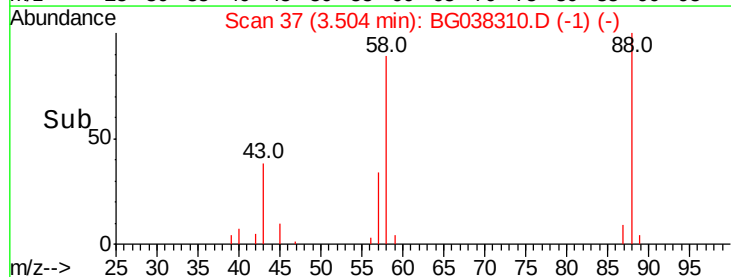
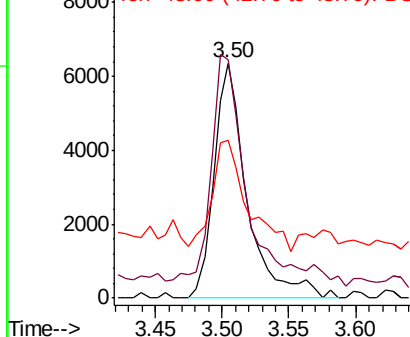


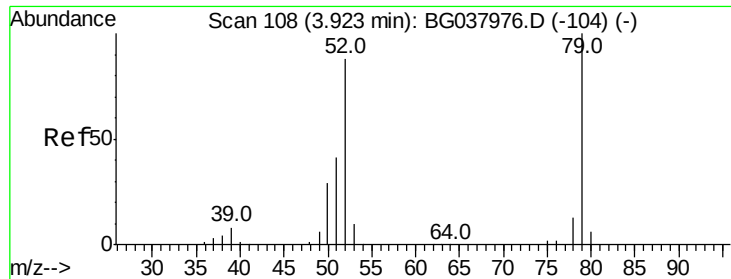
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.943 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

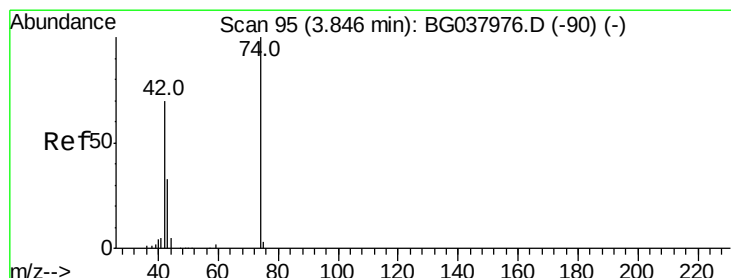
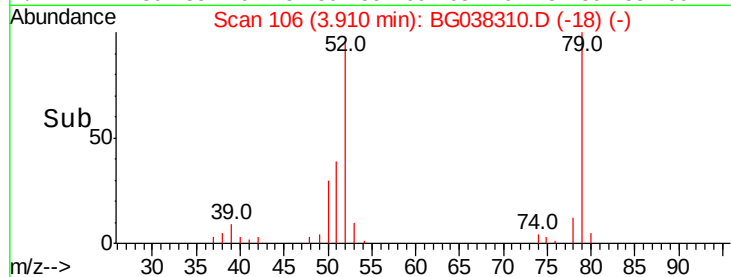
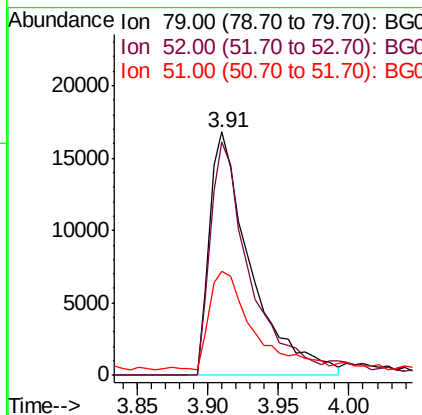
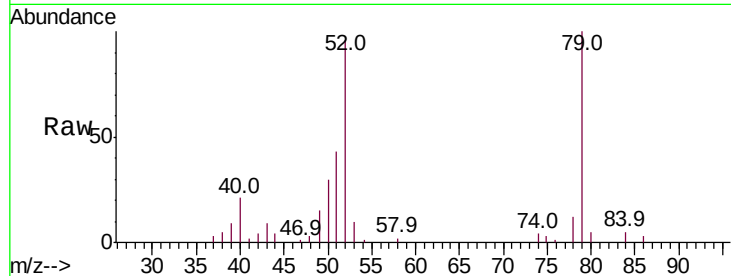
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	79	Resp:	34116
Ion	Ratio	Lower	Upper
79	100		
52	96.0	74.2	111.2
51	42.6	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 40.135 ng

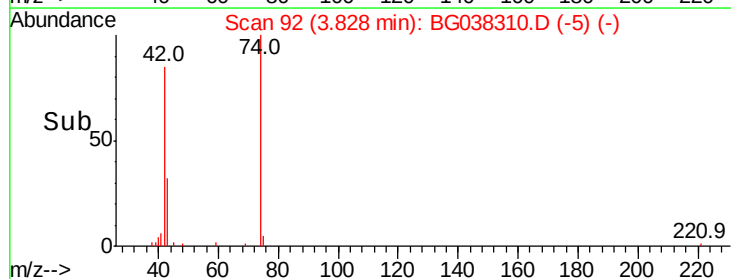
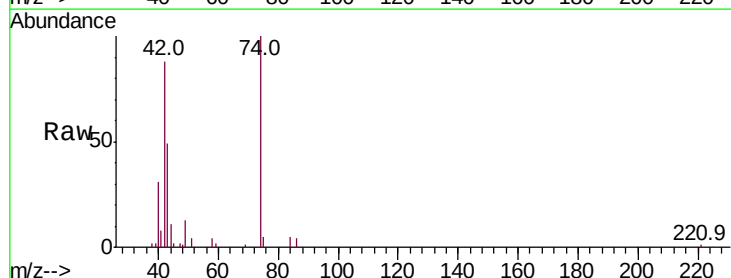
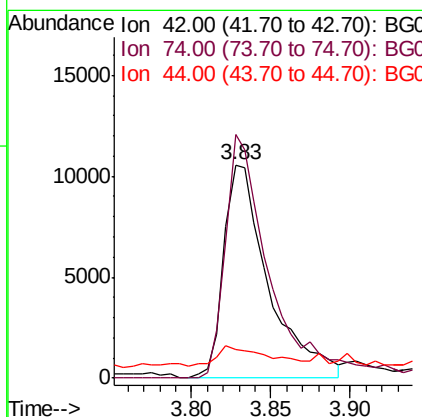
RT: 3.83 min Scan# 92

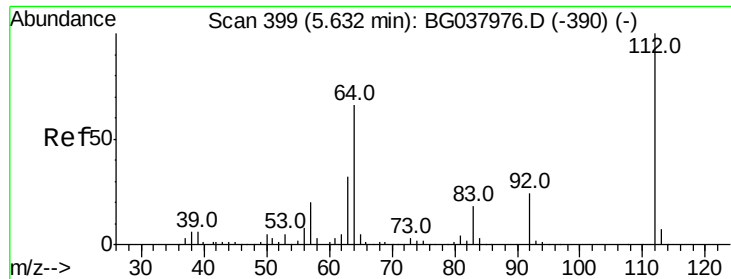
Delta R.T. -0.02 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	42	Resp:	20748
Ion	Ratio	Lower	Upper
42	100		
74	114.2	102.0	153.0
44	13.1	9.6	14.4





#5

2-Fluorophenol

Concen: 106.746 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

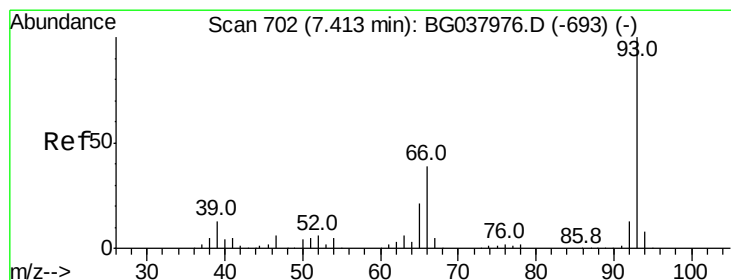
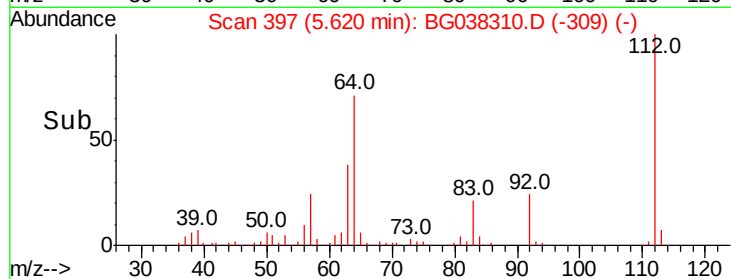
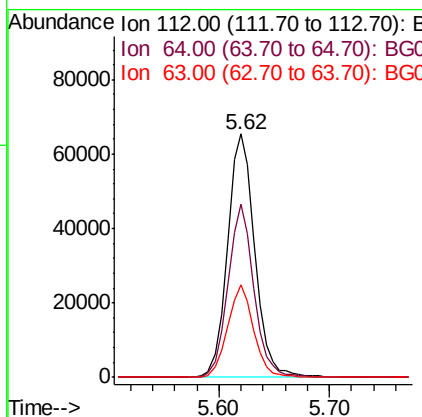
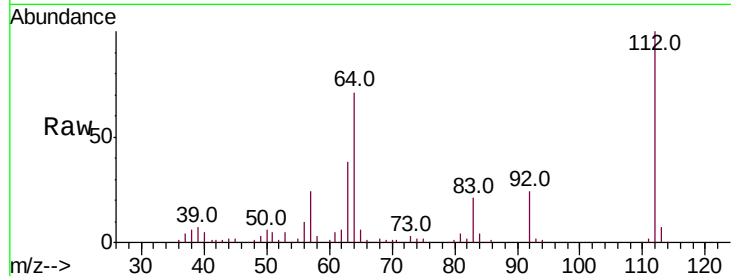
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	112	Resp:	112887
Ion Ratio	Lower	Upper	
112	100		
64	71.1	53.1	79.7
63	38.2	27.3	40.9

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#6

Aniline

Concen: 29.808 ng

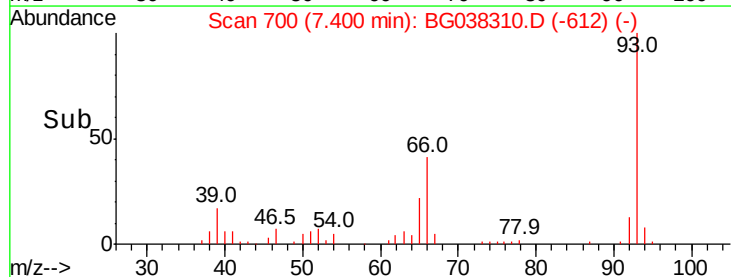
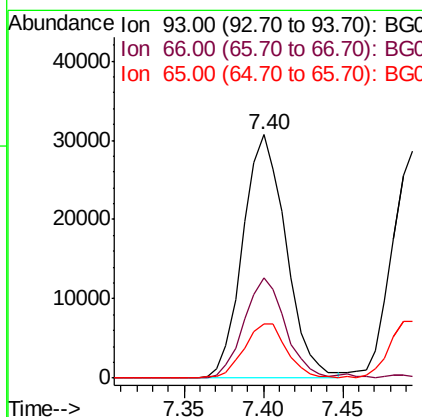
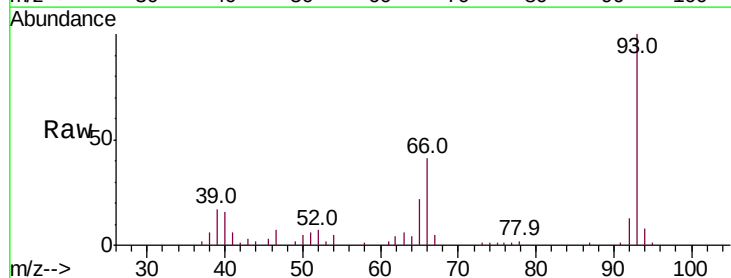
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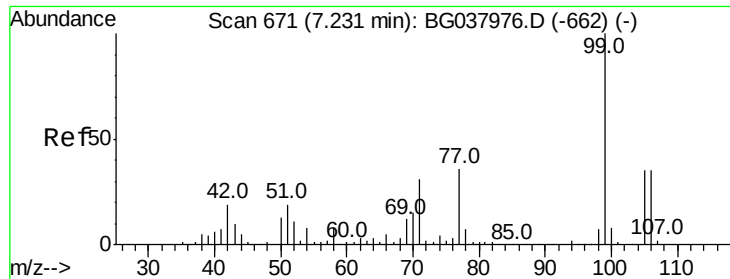
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	93	Resp:	58076
Ion Ratio	Lower	Upper	
93	100		
66	41.3	32.8	49.2
65	22.3	16.4	24.6





#7

Phenol-d6

Concen: 129.956 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

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Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

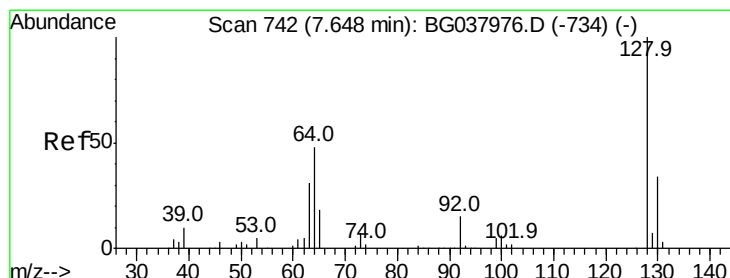
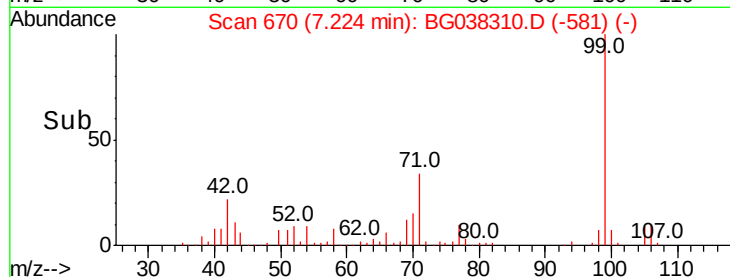
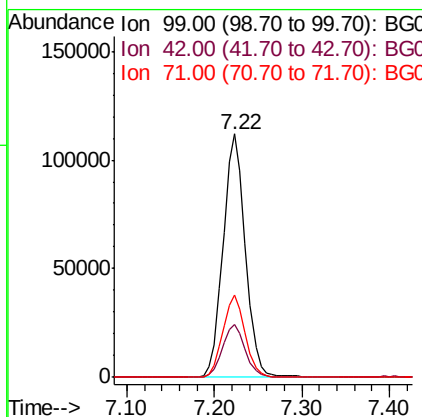
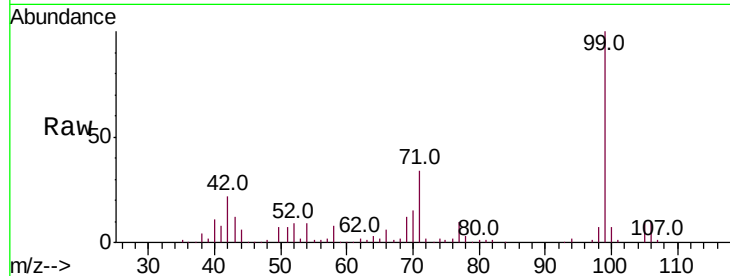
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	99	Resp:	196177
Ion Ratio	Lower	Upper	
99	100		
42	21.8	15.0	22.4
71	33.9	25.5	38.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 43.989 ng

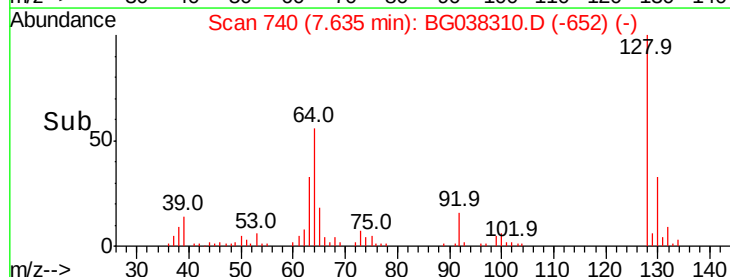
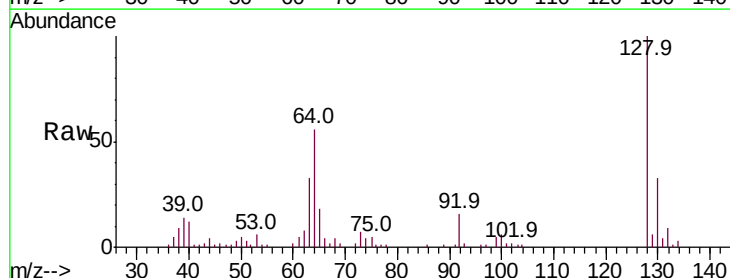
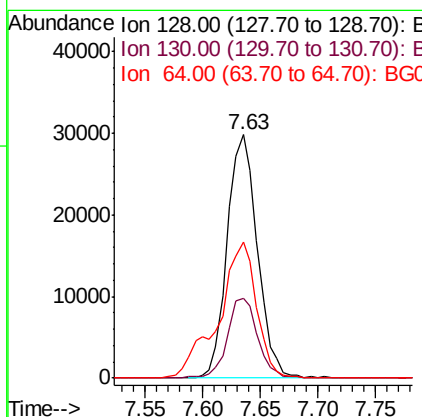
RT: 7.63 min Scan# 740

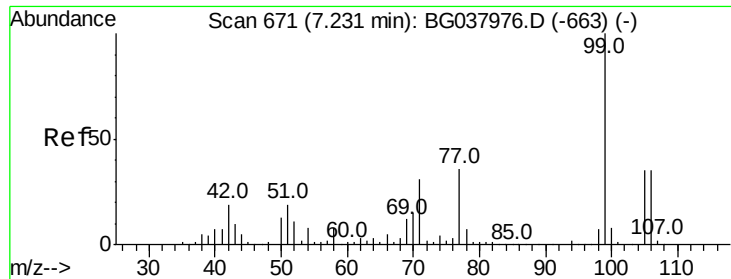
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	128	Resp:	53979
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.0	52.0
64	55.7	32.9	72.9





#9

Benzaldehyde

Concen: 24.984 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.02 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGSMDS

Tot Ion: 77 Resp: 27275

Ion Ratio Lower Upper

77 100

105 92.9 72.6 112.6

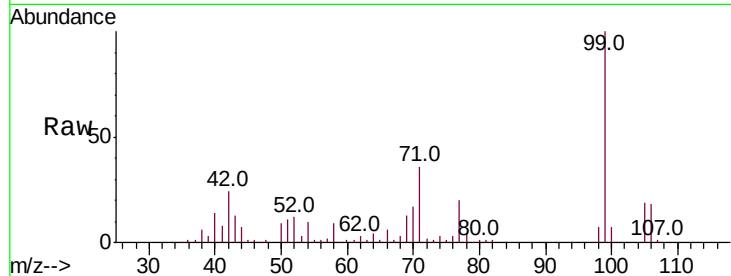
106 90.3 71.3 111.3

Manual Integrations

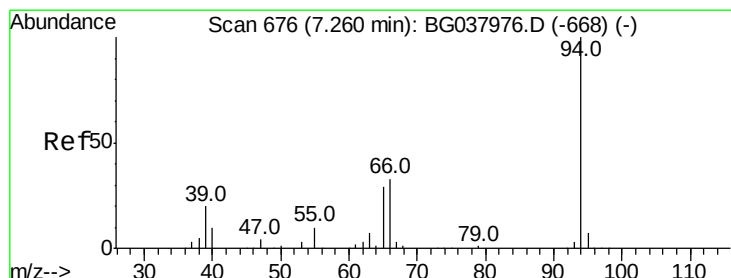
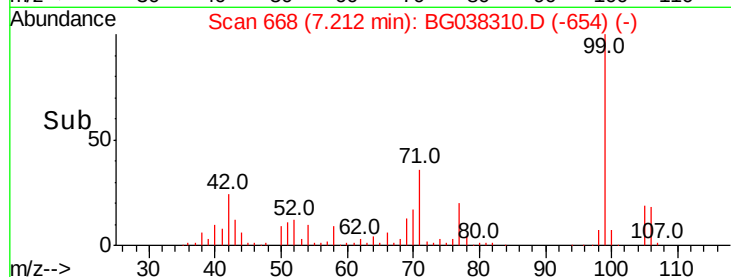
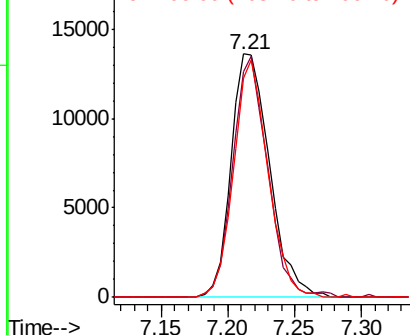
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 47.142 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

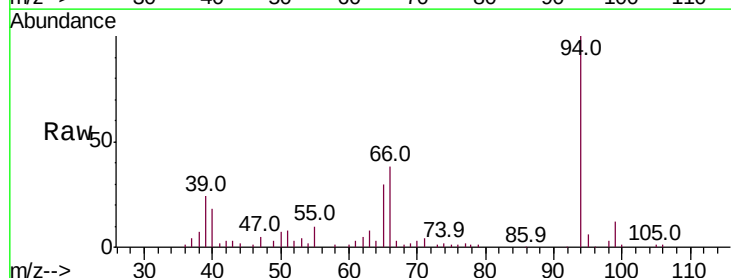
Tgt Ion: 94 Resp: 75379

Ion Ratio Lower Upper

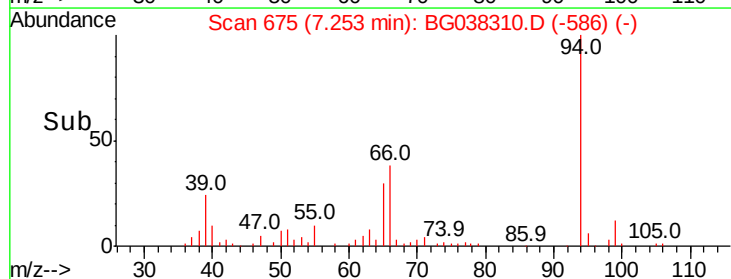
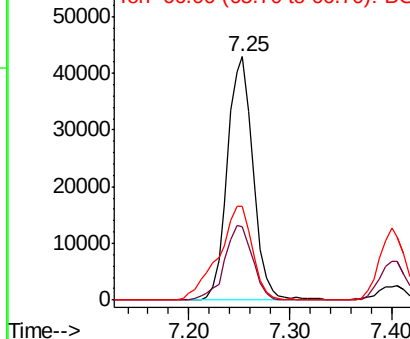
94 100

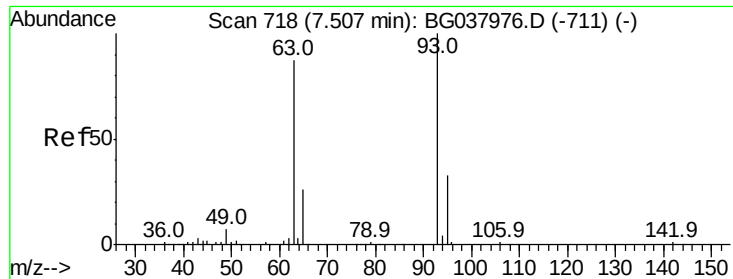
65 29.9 9.7 49.7

66 38.4 15.9 55.9



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





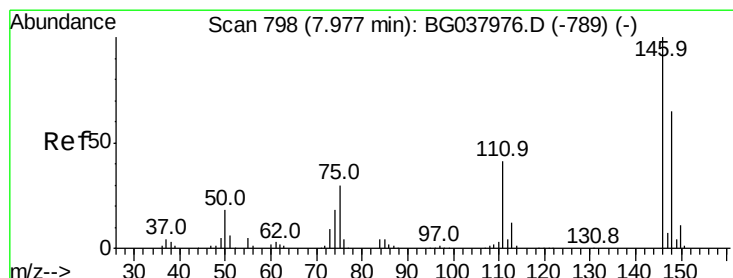
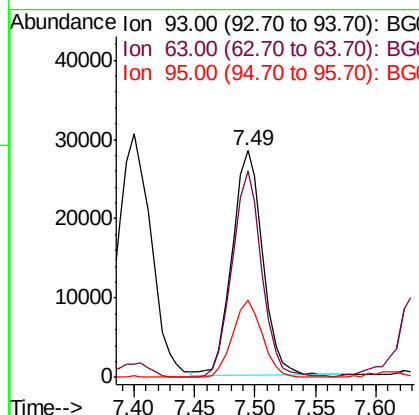
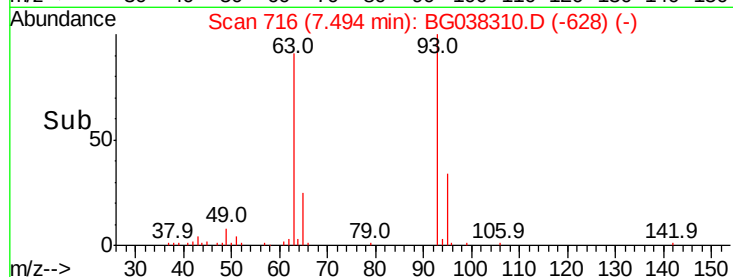
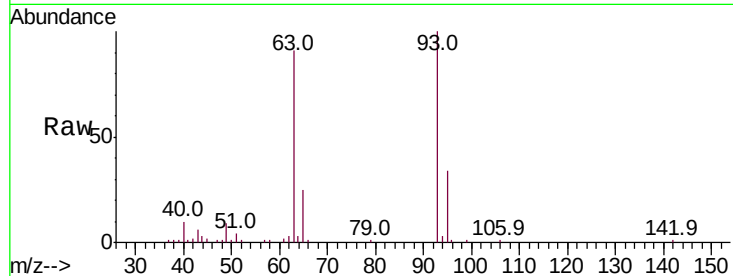
#11
bis(2-Chloroethyl)ether
Concen: 38.335 ng
RT: 7.49 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion:	93	Resp:	50042
Ion Ratio	Lower	Upper	
93	100		
63	91.4	69.5	109.5
95	33.8	12.6	52.6

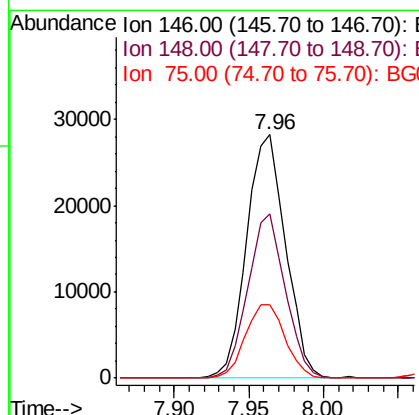
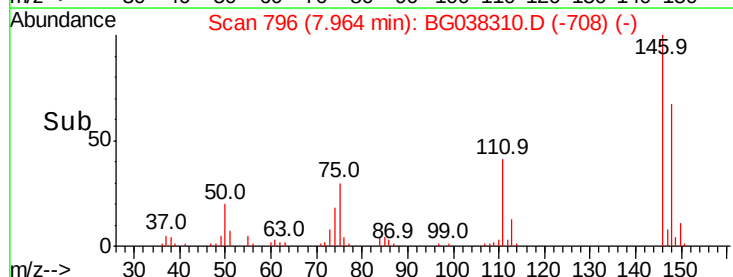
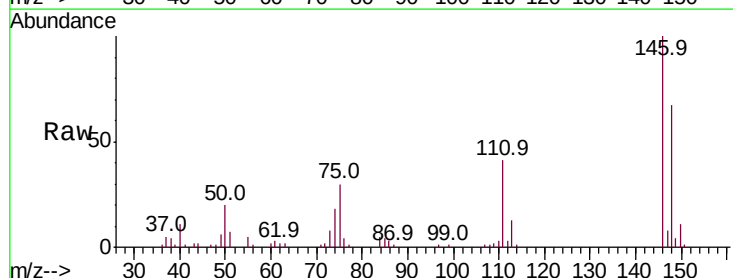
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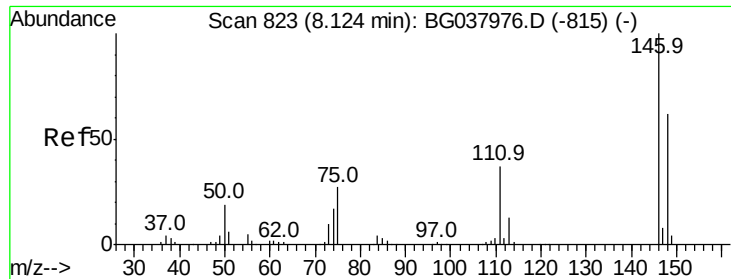
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.943 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion:	146	Resp:	50810
Ion Ratio	Lower	Upper	
146	100		
148	67.3	49.8	74.8
75	30.0	23.2	34.8





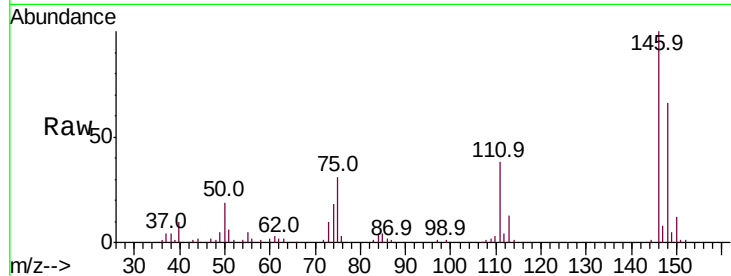
#13
 1,4-Dichlorobenzene
 Concen: 46.584 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.0	76.6
111	37.9	32.4	48.6

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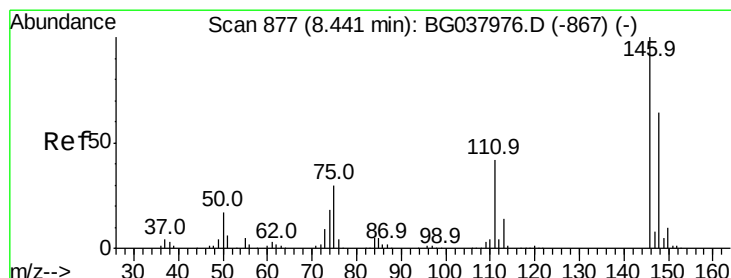
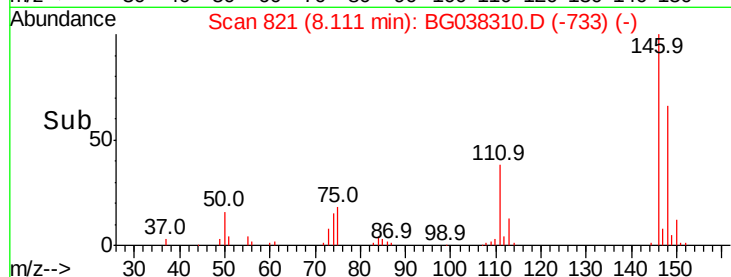
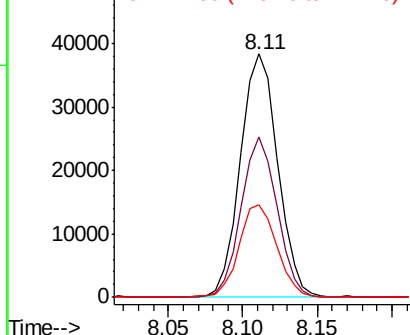


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 34.971 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

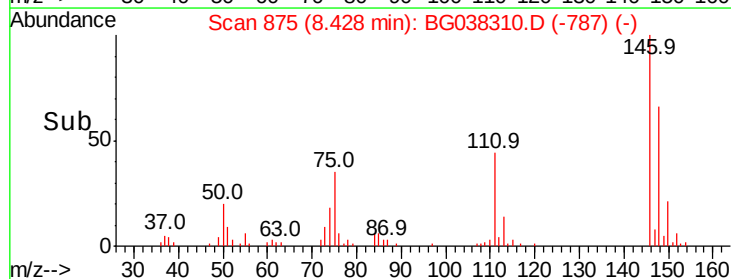
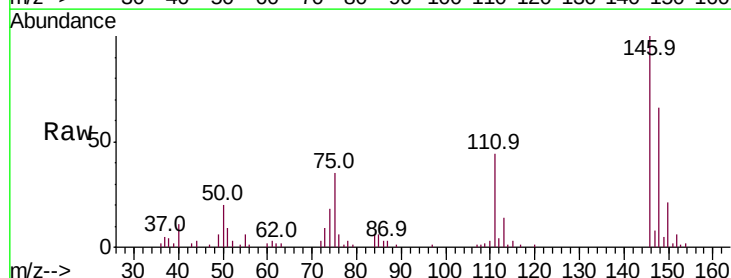
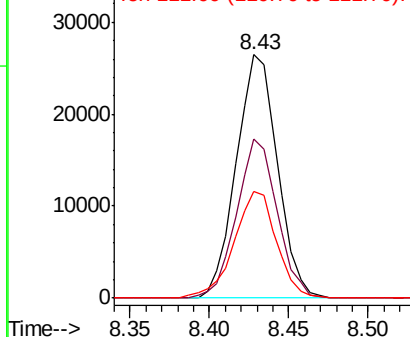
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.4	75.6
111	43.7	34.6	51.8

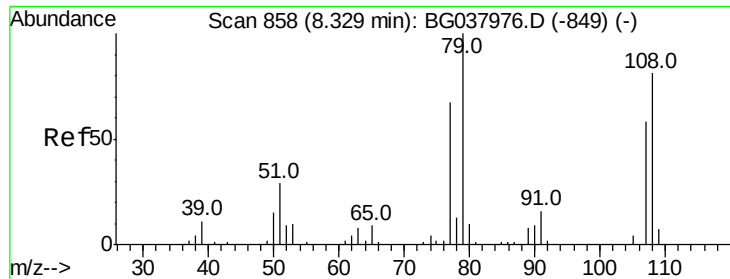
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





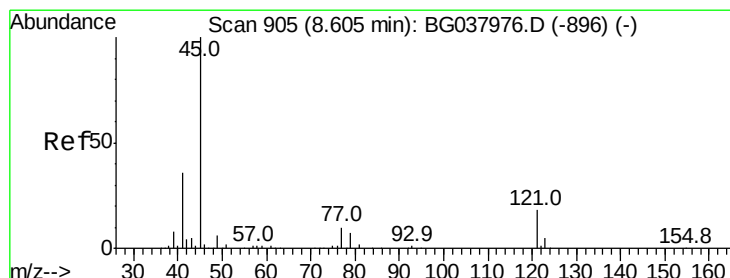
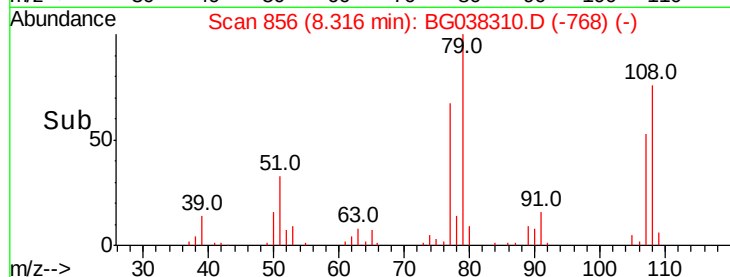
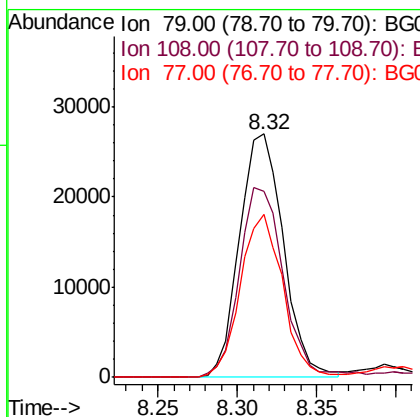
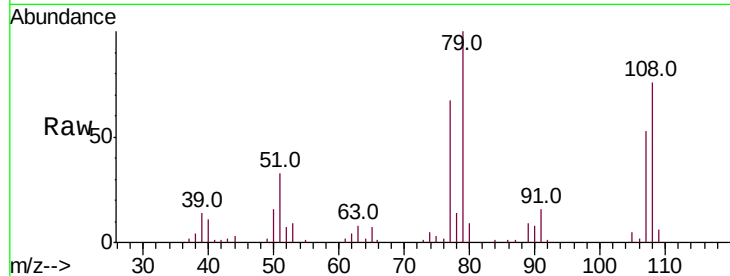
#15
Benzyl Alcohol
Concen: 47.619 ng
RT: 8.32 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.3	65.8	98.8
77	66.7	52.9	79.3

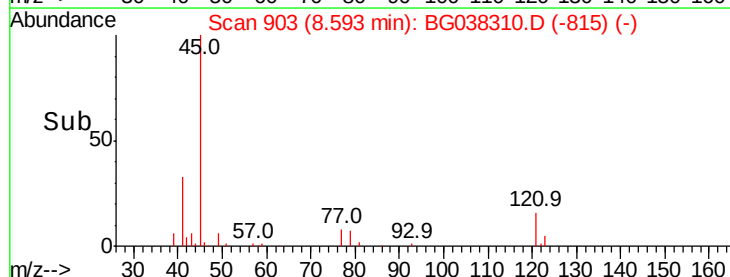
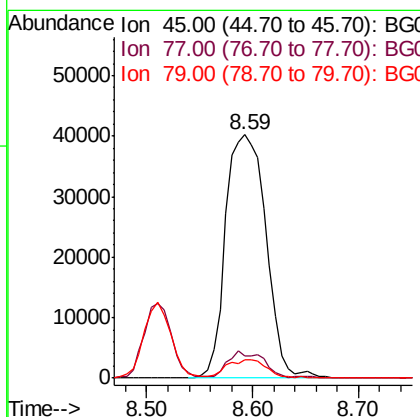
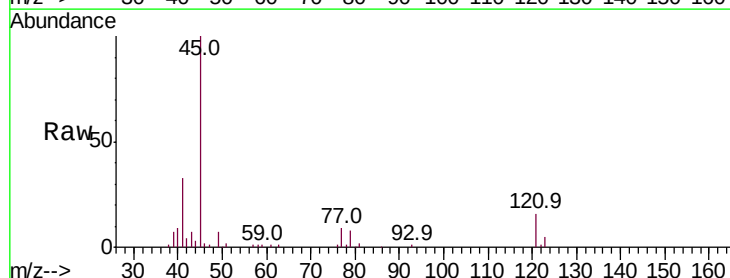
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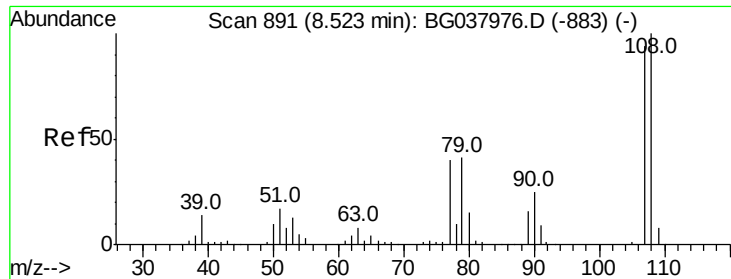
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#16
2,2'-oxybis(1-chloropropane)
Concen: 44.022 ng
RT: 8.59 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	8.9	0.0	30.0
79	7.6	0.0	29.0





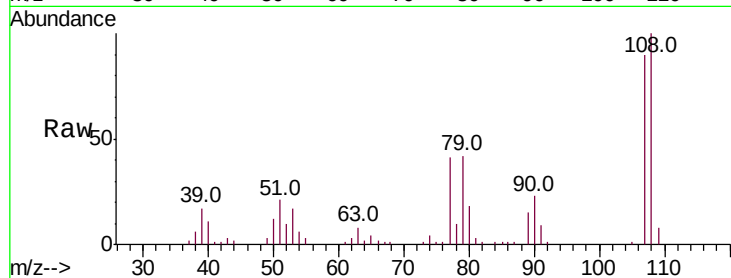
#17
2-Methylphenol
Concen: 43.172 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	87.9	131.9
77	45.9	35.1	52.7
79	46.4	34.5	51.7

Manual Integrations
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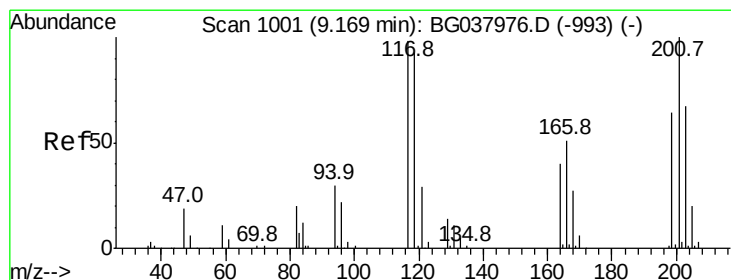
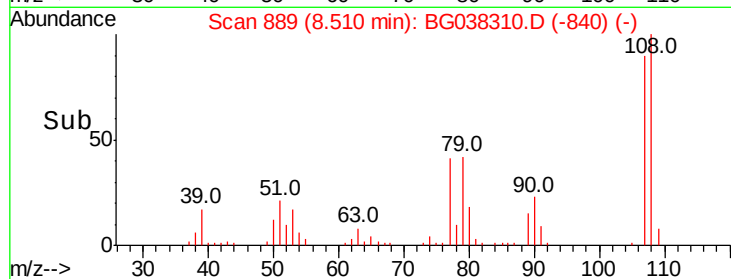
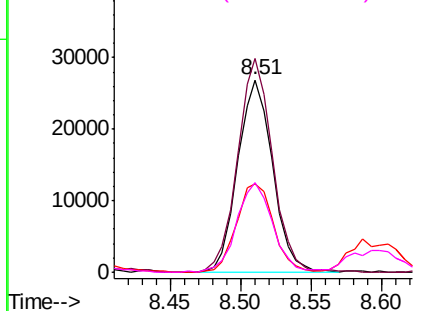
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 31.299 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

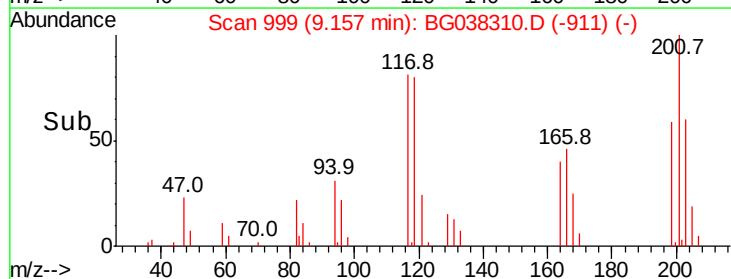
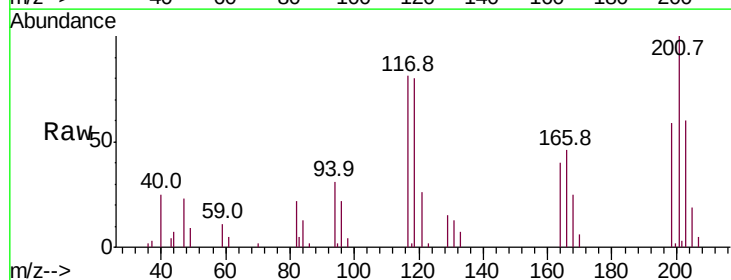
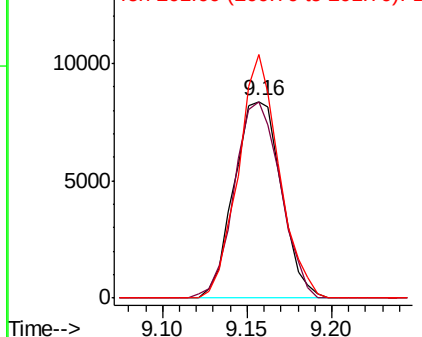
Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.8	74.6	111.8
201	127.4	80.8	121.2#

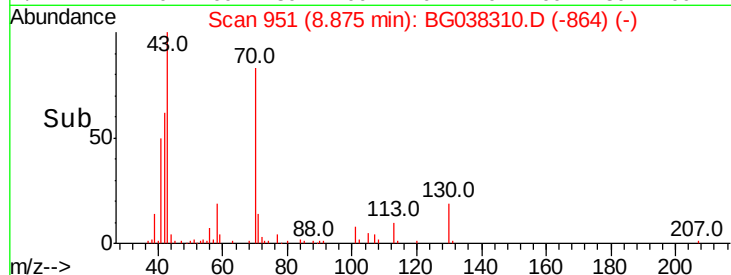
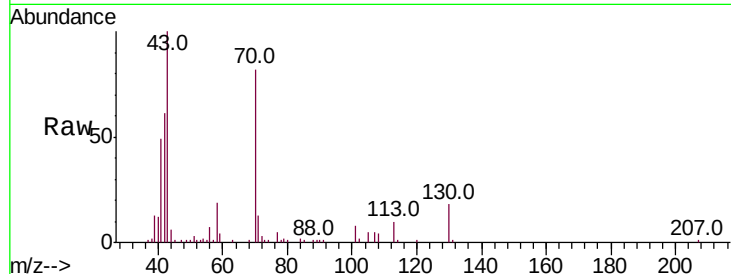
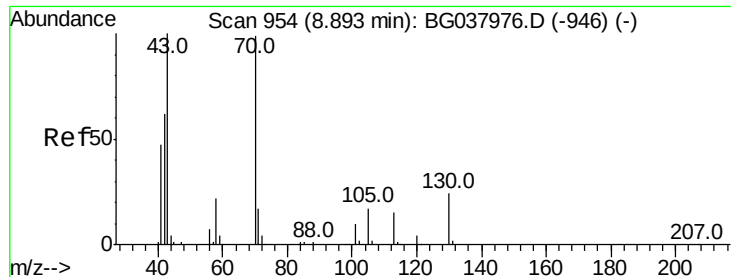
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





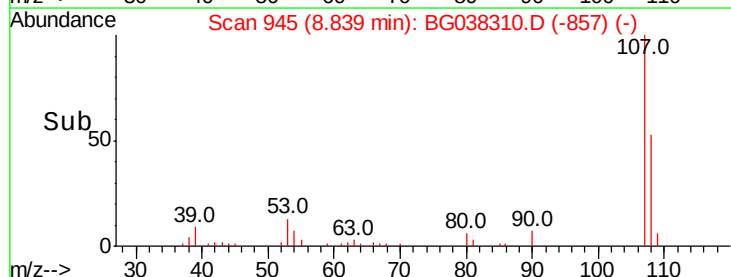
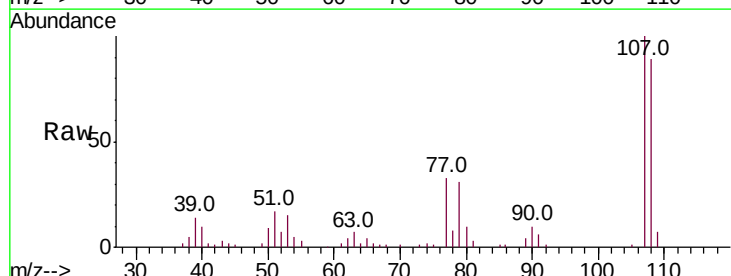
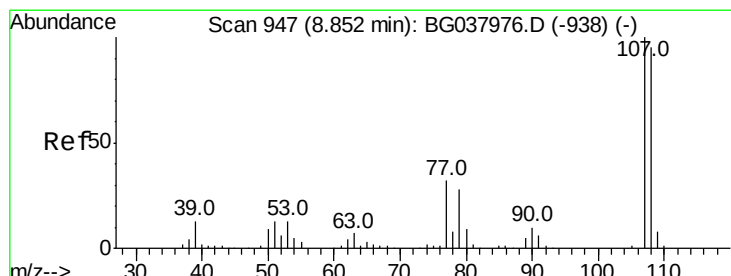
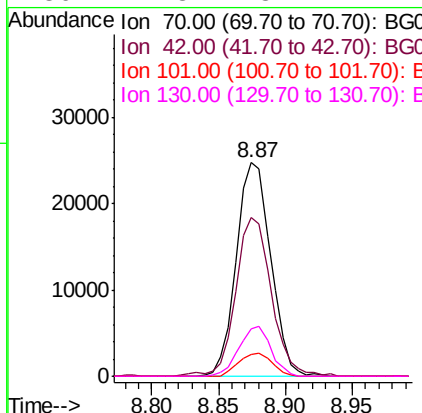
#19
n-Nitroso-di-n-propylamine
Concen: 40.472 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.2	53.9	80.9	
101	10.1	8.2	12.2	
130	22.3	18.2	27.4	

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

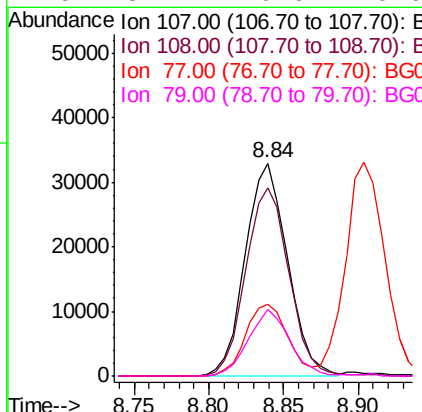
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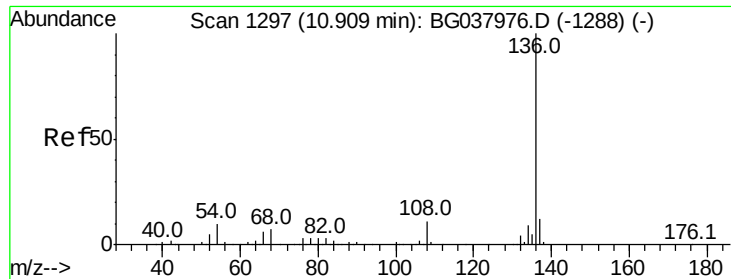
mohammad
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#20
3+4-Methylphenols
Concen: 42.054 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.7	69.9	109.9	
77	33.4	11.2	51.2	
79	31.1	6.6	46.6	





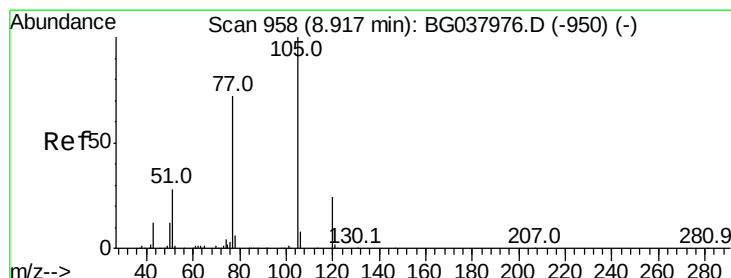
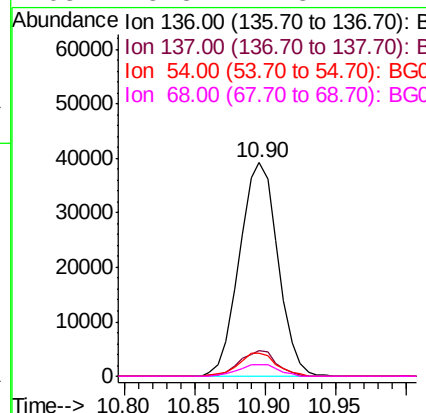
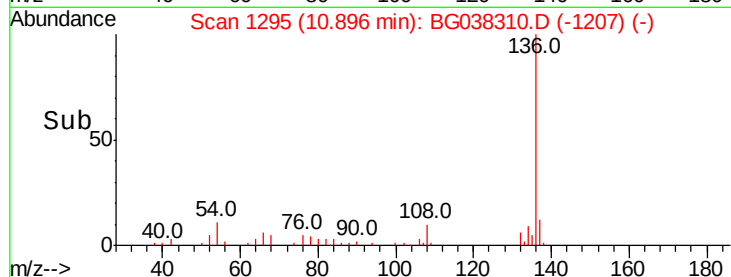
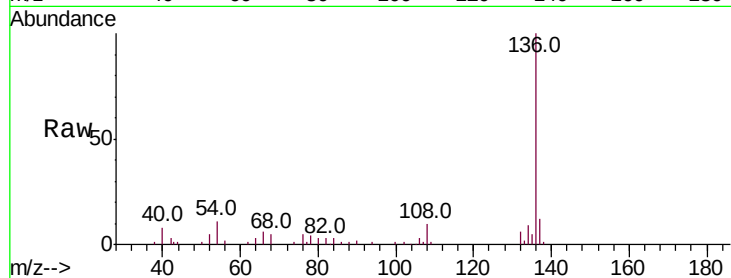
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	10.6	7.9	11.9
68	5.3	4.8	7.2

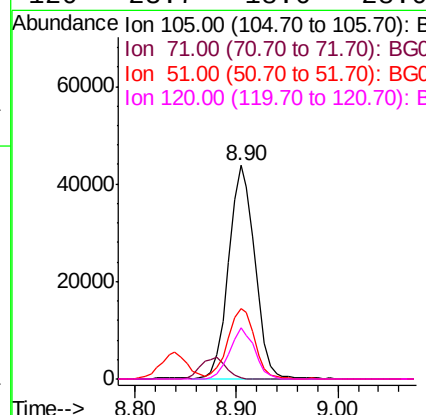
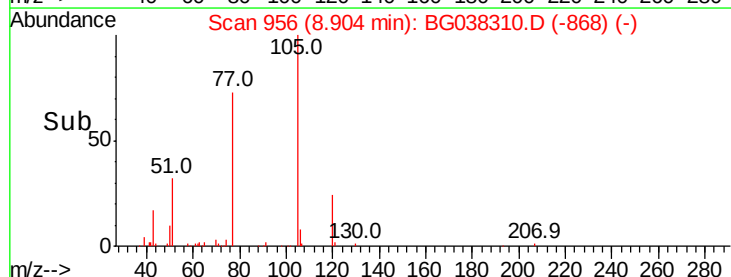
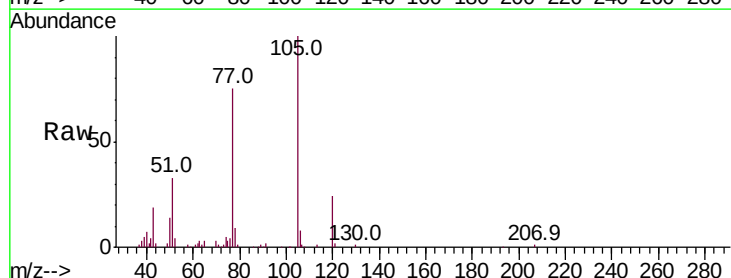
Manual Integrations
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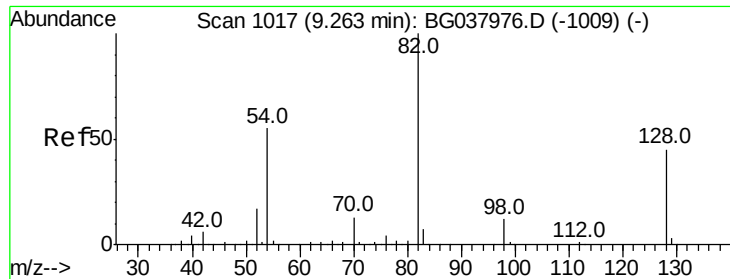
mohammad
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#22
Acetophenone
Concen: 42.239 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.6	1.2	1.8#
51	32.9	25.0	37.6
120	23.7	18.6	28.0





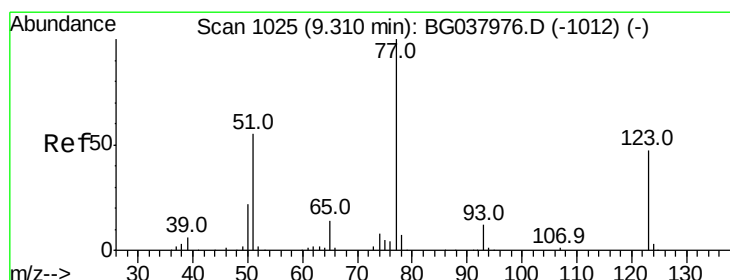
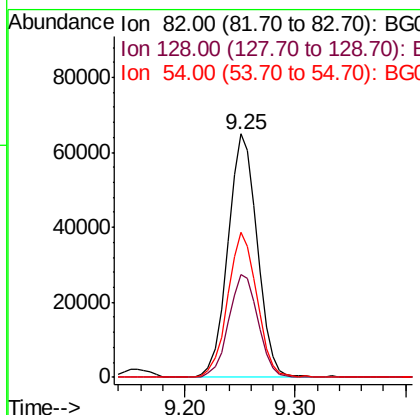
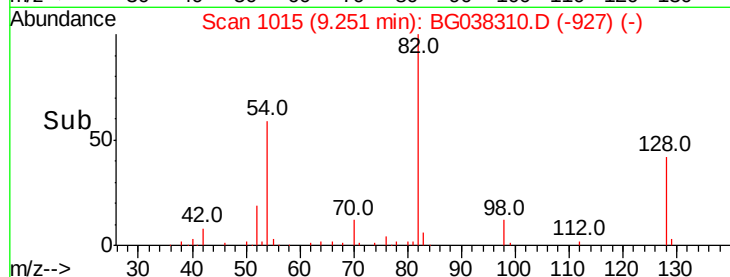
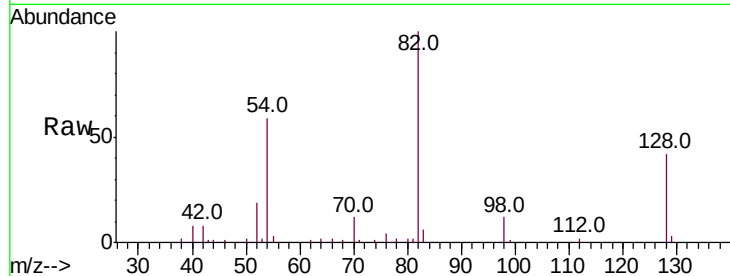
#23
 Nitrobenzene-d5
 Concen: 86.533 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	34.6	51.8
54	59.5	45.3	67.9

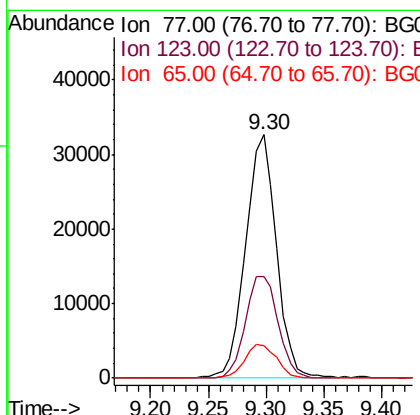
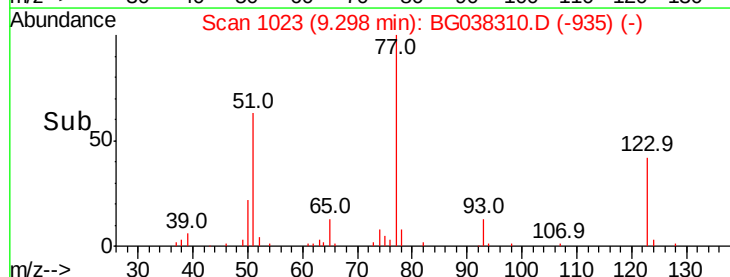
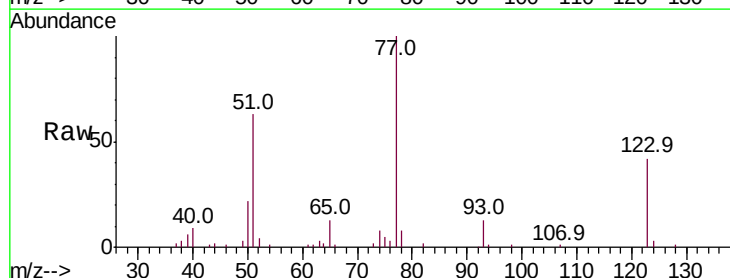
Manual Integrations
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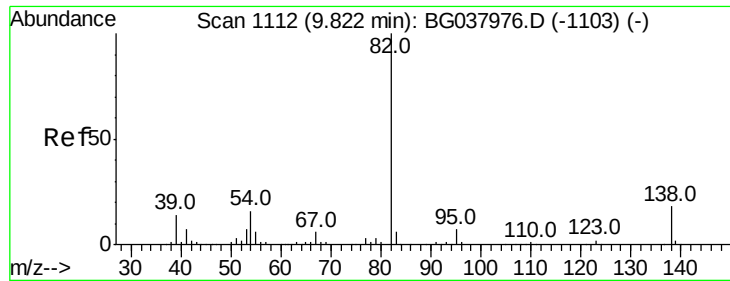
mohammad
 12/4/2018 5:37:33 PM



#24
 Nitrobenzene
 Concen: 42.487 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	33.6	50.4
65	13.1	11.3	16.9





#25

Isophorone

Concen: 52.699 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

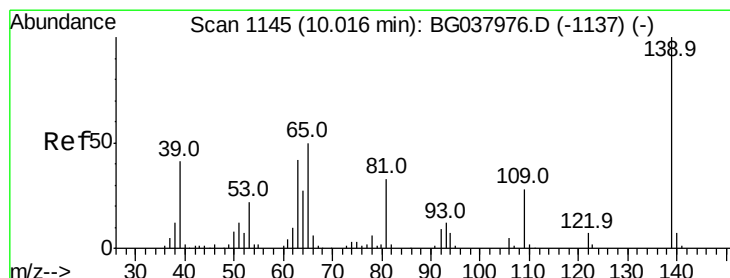
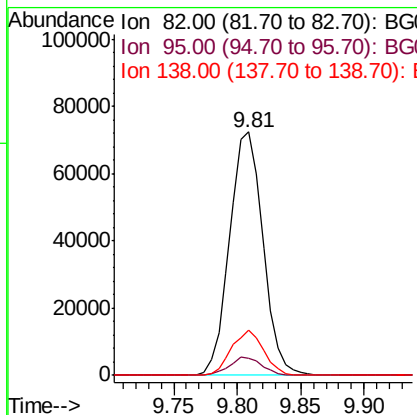
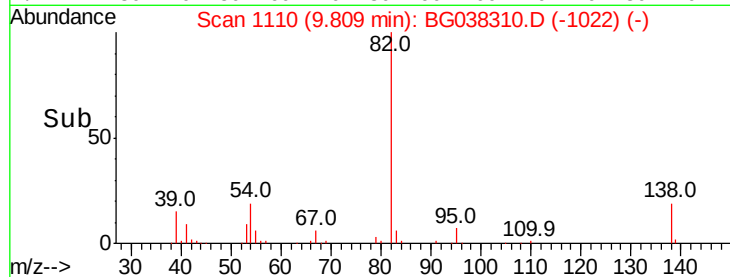
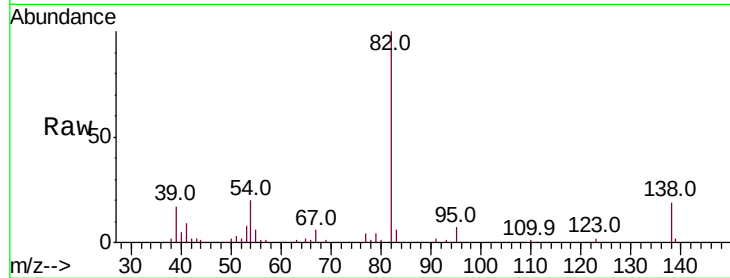
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	82	Resp:	132188
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.3	7.9
138	18.7	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.045 ng

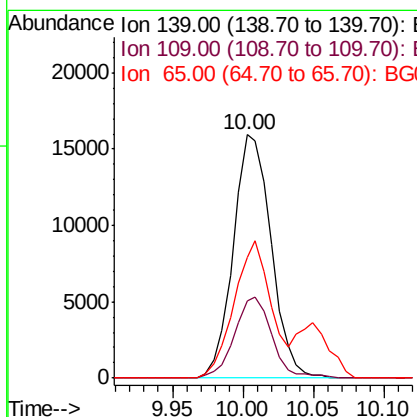
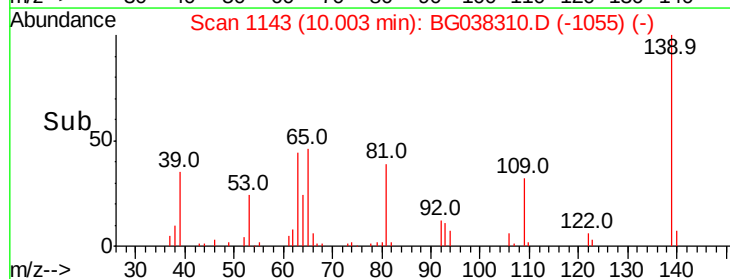
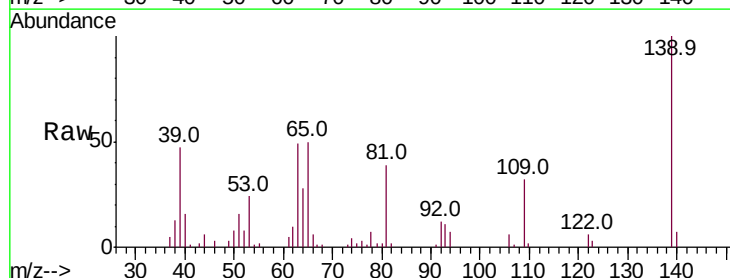
RT: 10.00 min Scan# 1143

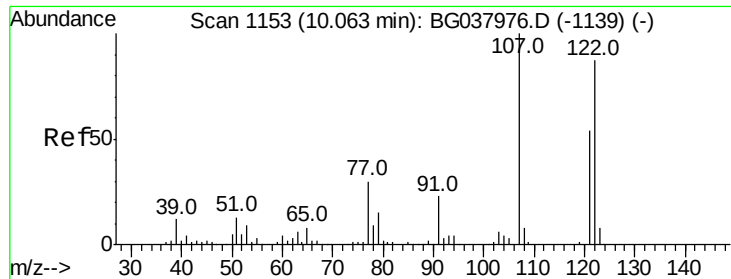
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	139	Resp:	29923
Ion Ratio	Lower	Upper	
139	100		
109	31.7	23.3	34.9
65	49.6	39.8	59.8





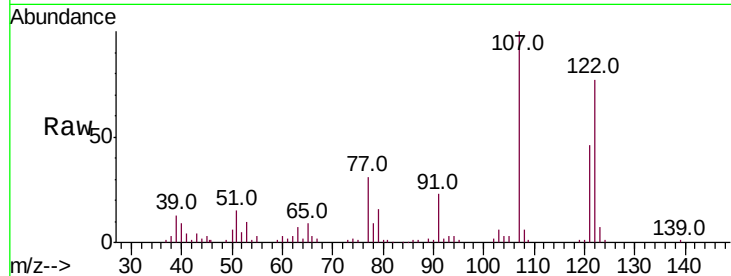
#27
2,4-Dimethylphenol
Concen: 52.219 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.9	94.2	141.2
121	60.2	47.3	70.9

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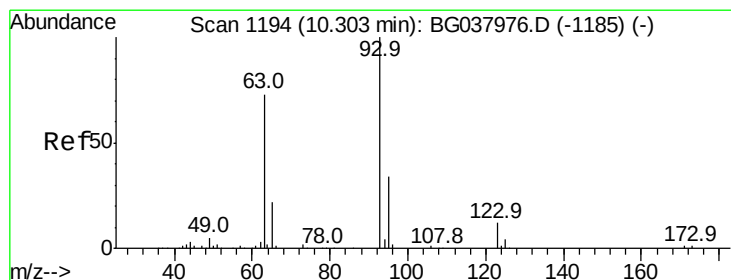
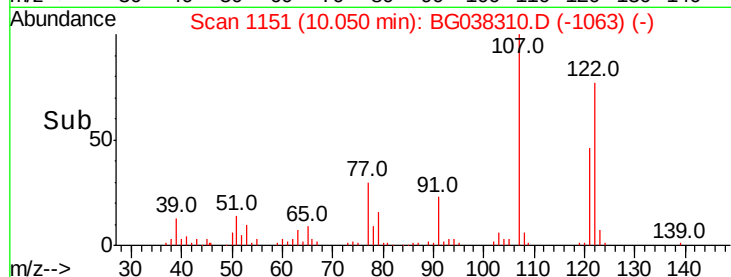
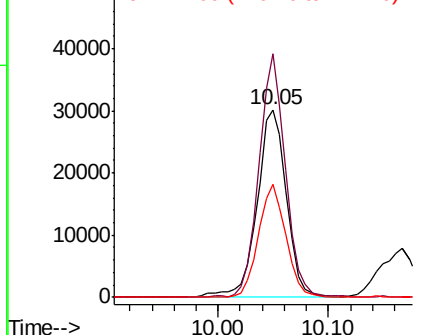


Abundance

Ion 122.00 (121.70 to 122.70): E

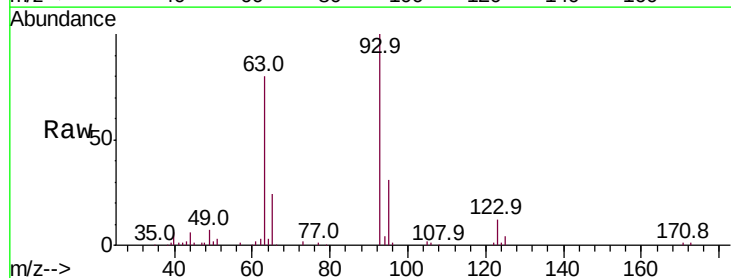
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 44.528 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.1	24.6	37.0
123	11.5	9.1	13.7

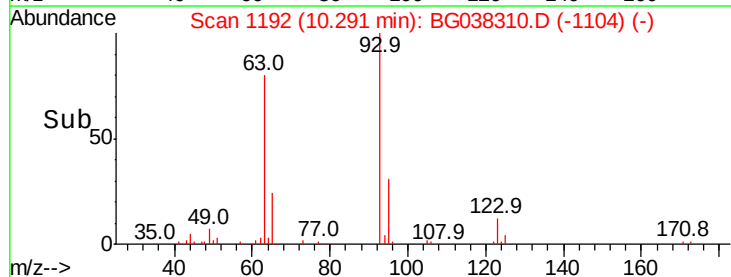
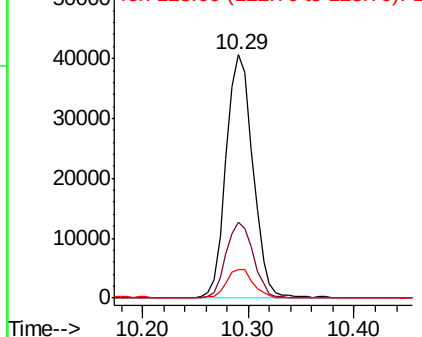


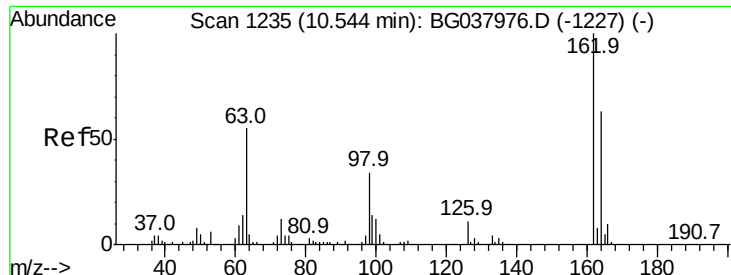
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





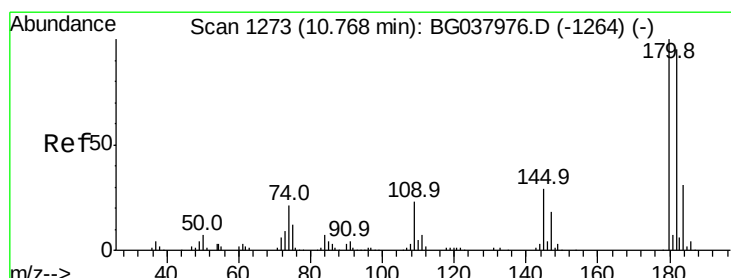
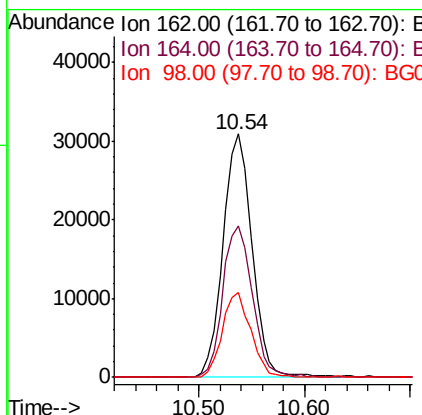
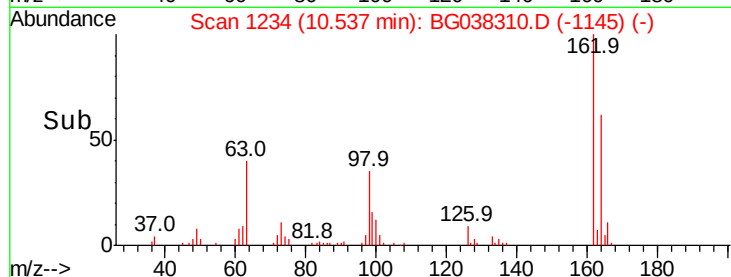
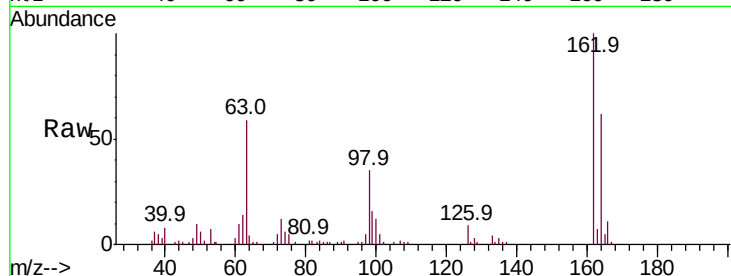
#29
 2,4-Dichlorophenol
 Concen: 48.872 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	43.2	83.2
98	34.7	16.0	56.0

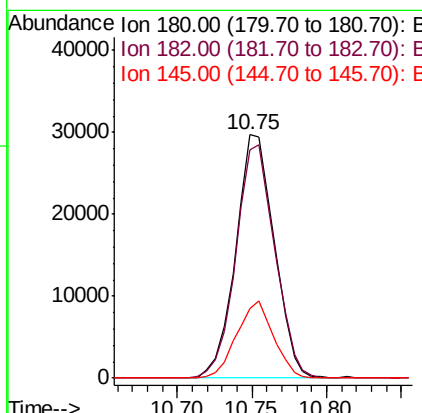
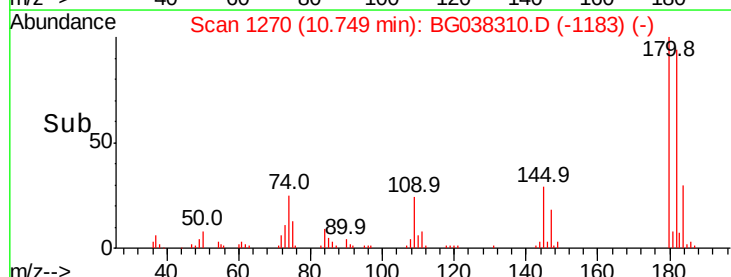
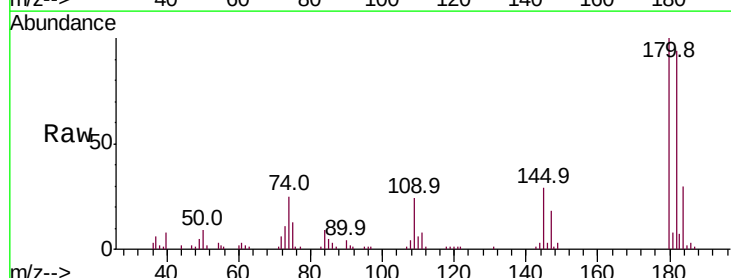
Manual Integrations
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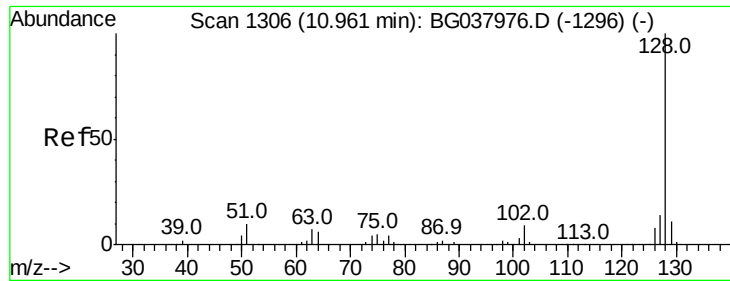
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.389 ng
 RT: 10.75 min Scan# 1270
 Delta R.T. -0.02 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.7	116.5
145	28.8	23.3	34.9





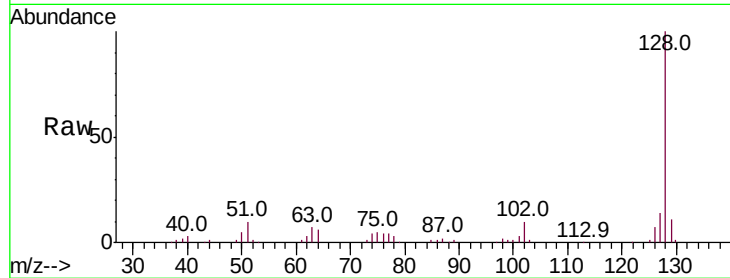
#31
Naphthalene
Concen: 44.836 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.1	11.1	16.7

Manual Integrations
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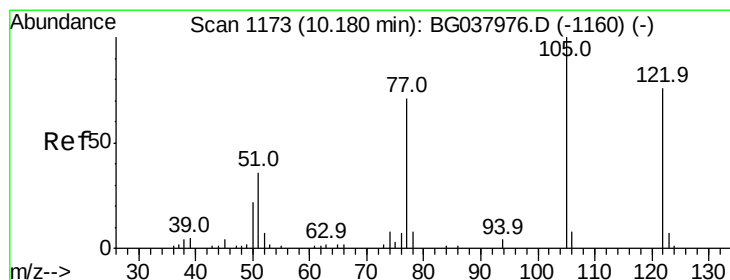
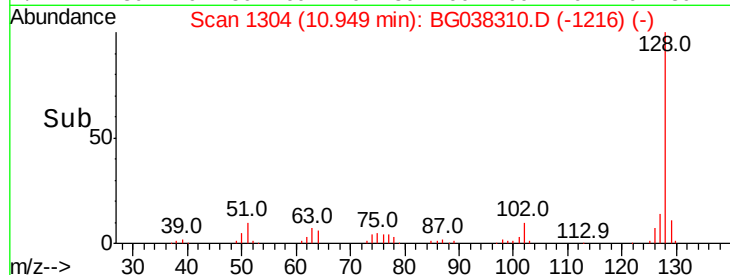
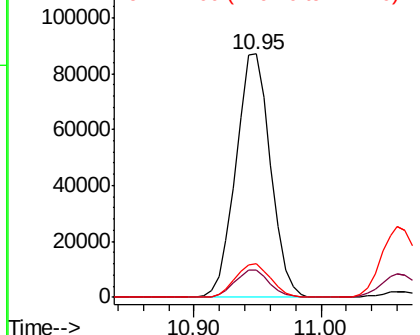


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.213 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

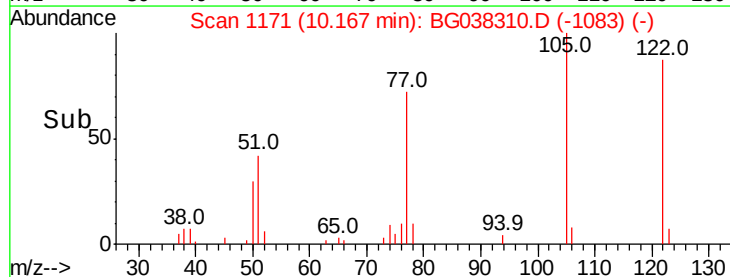
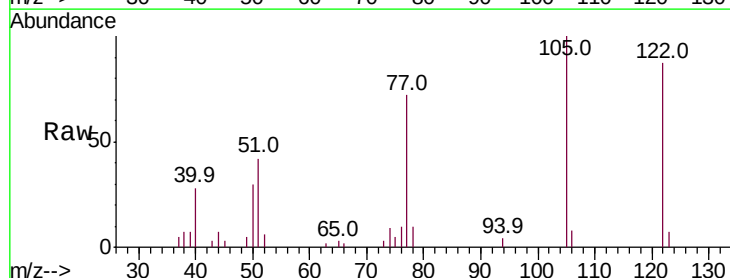
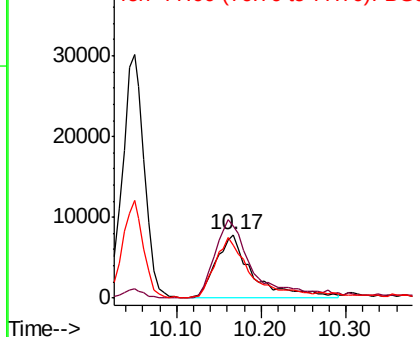
Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.6	106.7	146.7
77	82.7	72.2	112.2

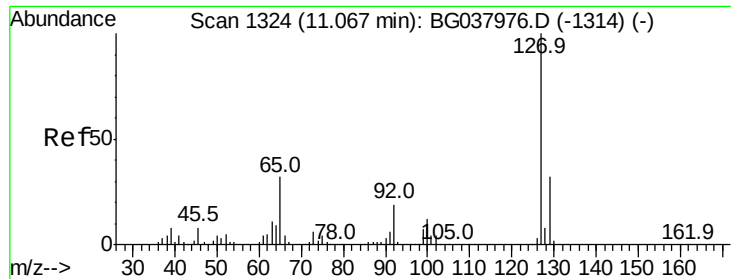
Abundance

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





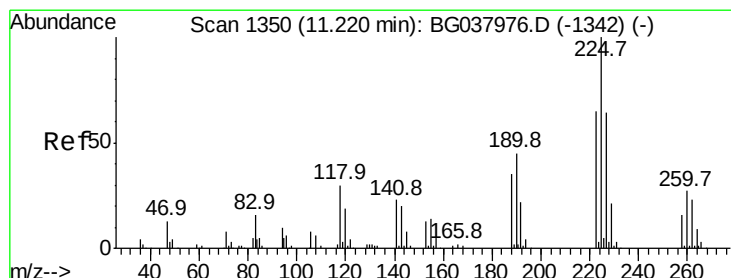
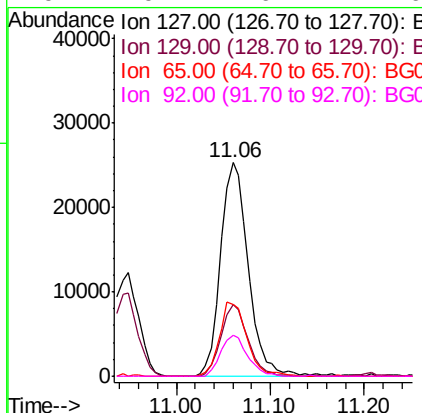
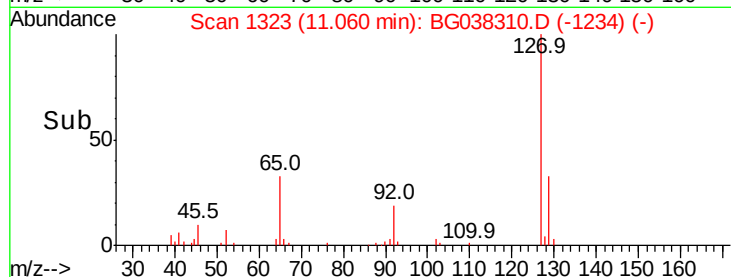
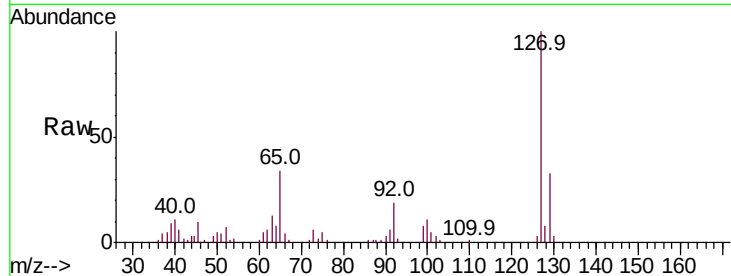
#33
4-Chloroaniline
Concen: 30.557 ng
RT: 11.06 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.5	27.1	40.7	
65	33.8	26.6	39.8	
92	19.1	16.4	24.6	

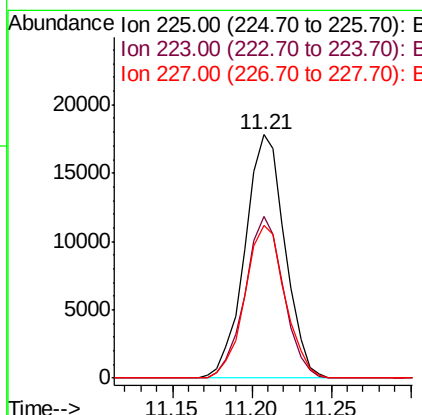
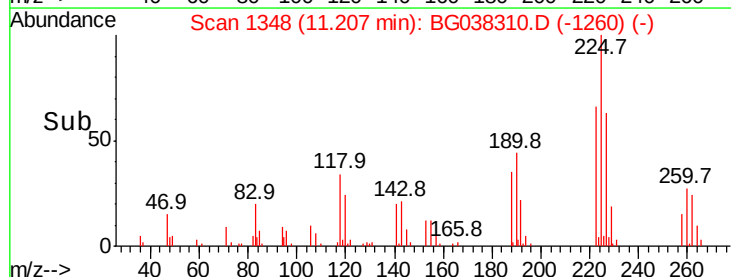
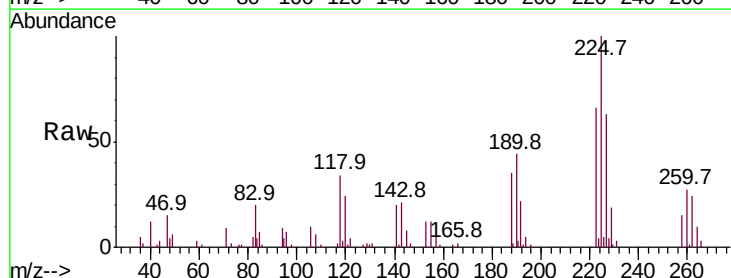
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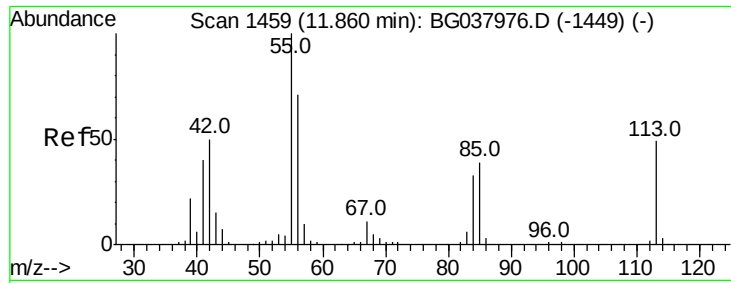
mohammad
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#34
Hexachlorobutadiene
Concen: 37.589 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.9	48.2	72.4	
227	62.8	51.6	77.4	





#35

Caprolactam

Concen: 76.195 ng/mL

RT: 11.84 min Scan# 1455

Delta R.T. -0.02 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

ClientSampleID :

S1-0-0.5-BGSMSD

Tot Ion:113 Resp: 36785

Ion Ratio Lower Upper

113 100

55 241.0 176.6 216.6#

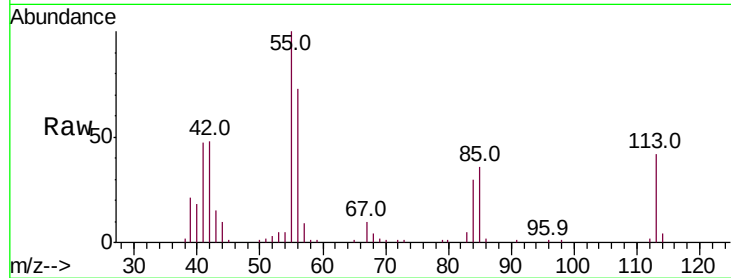
56 176.8 128.3 168.3#

Manual Integrations

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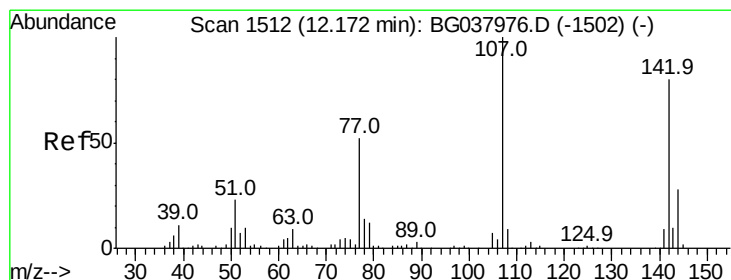
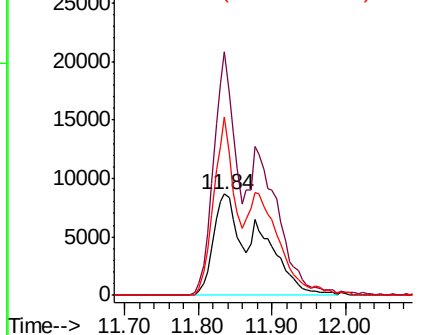
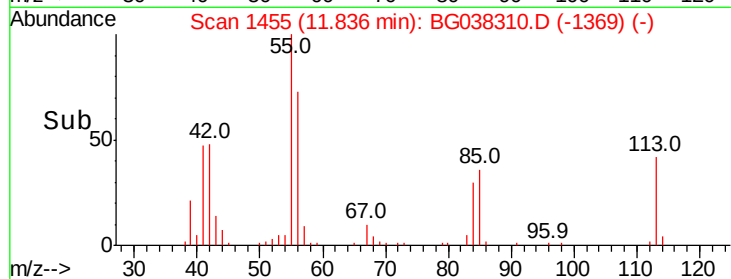
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 59.777 ng/mL

RT: 12.16 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

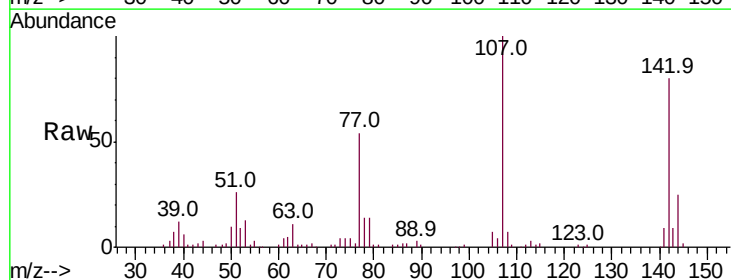
Tgt Ion:107 Resp: 78768

Ion Ratio Lower Upper

107 100

144 25.0 20.7 31.1

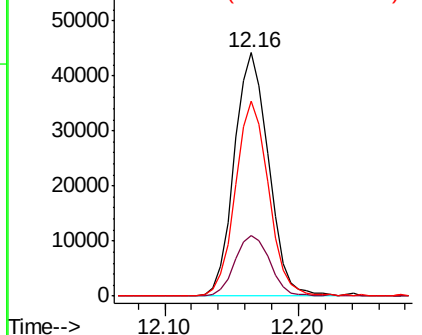
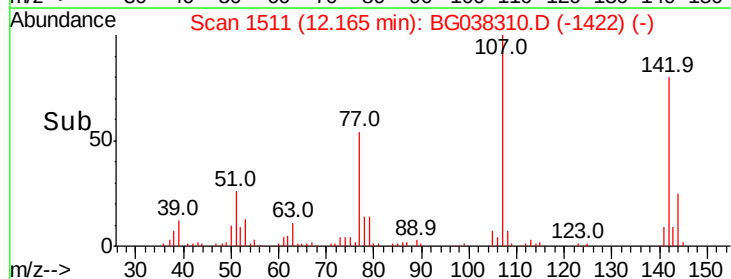
142 80.2 64.4 96.6

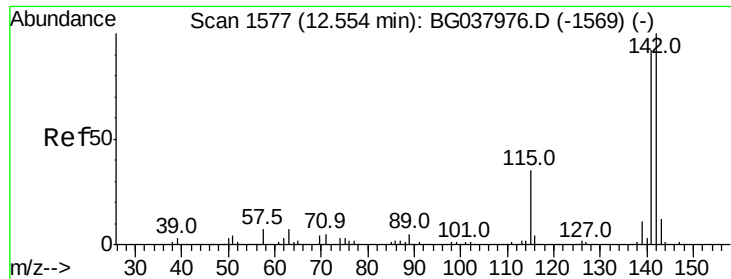


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





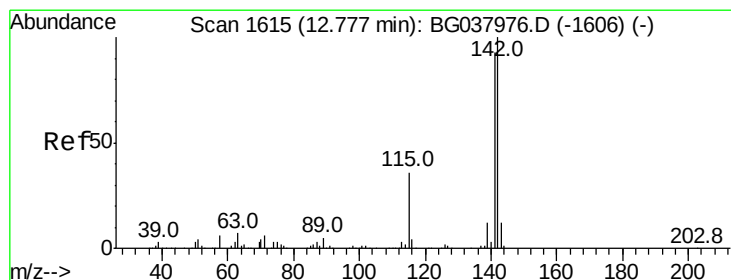
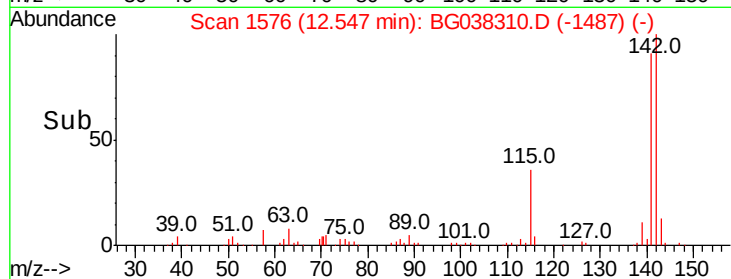
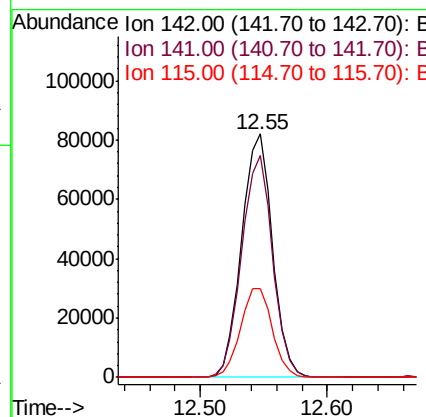
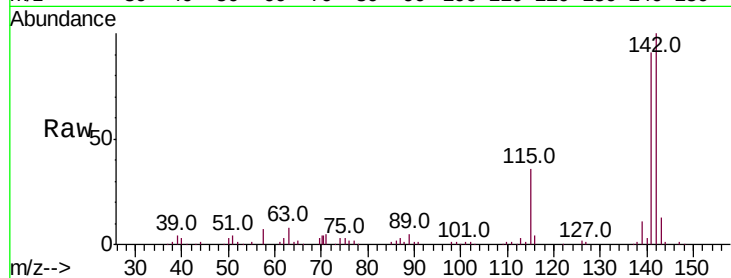
#37
2-Methylnaphthalene
Concen: 52.448 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9
115	36.4	27.8	41.8

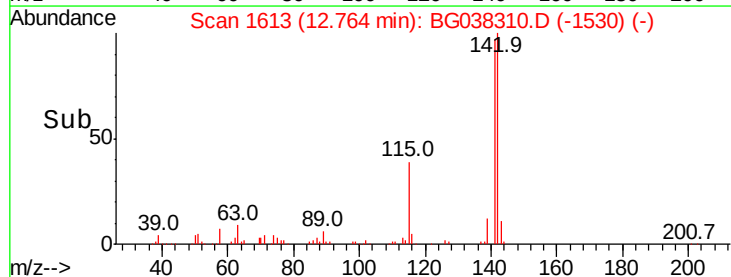
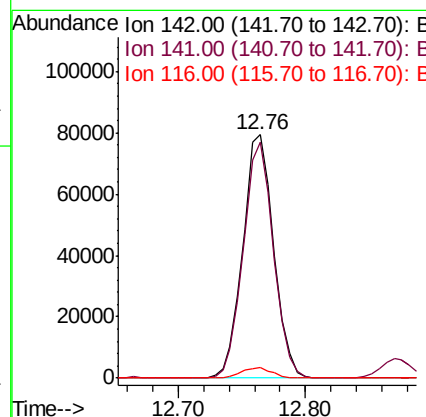
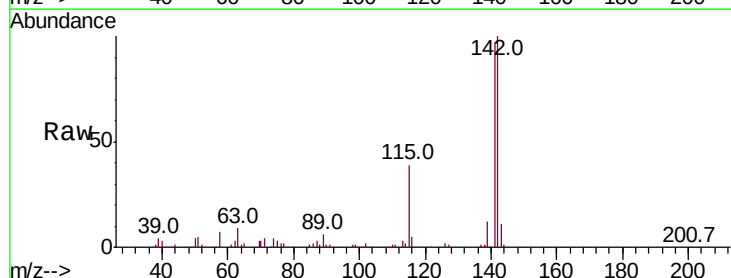
Manual Integrations
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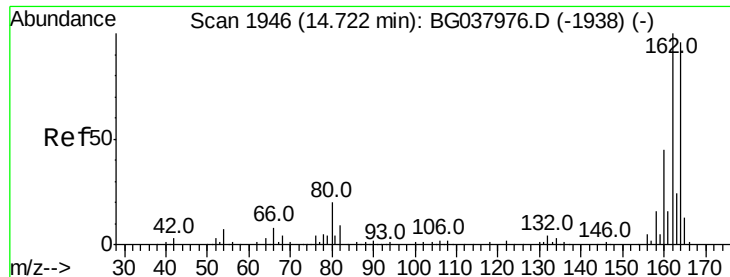
mohammad
12/4/2018 5:37:33 PM



#38
1-Methylnaphthalene
Concen: 52.641 ng
RT: 12.76 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.8	75.2	112.8
116	4.6	3.3	4.9





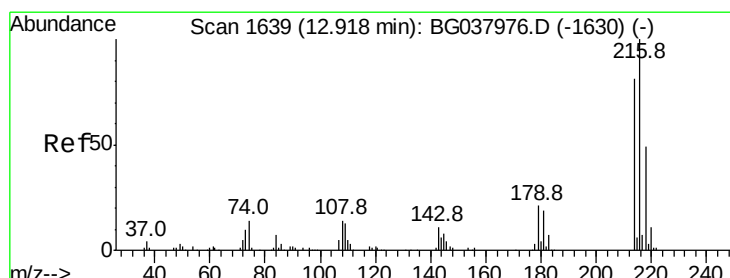
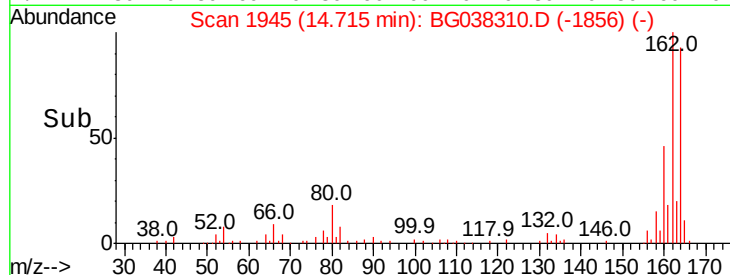
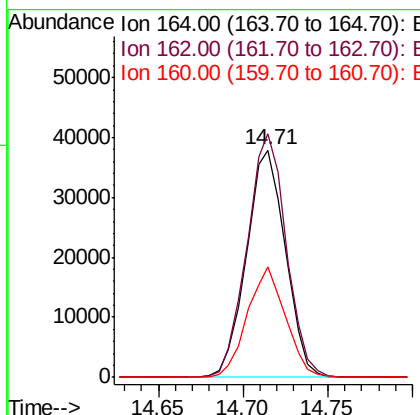
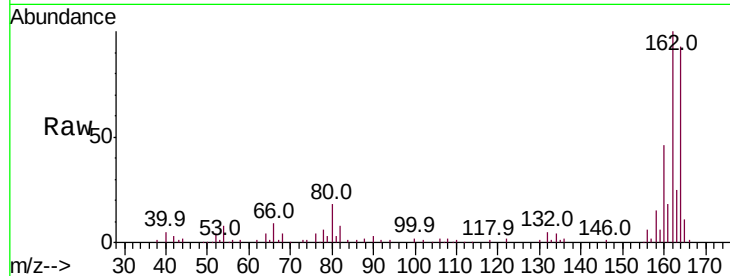
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.2	81.3	121.9
160	48.8	36.3	54.5

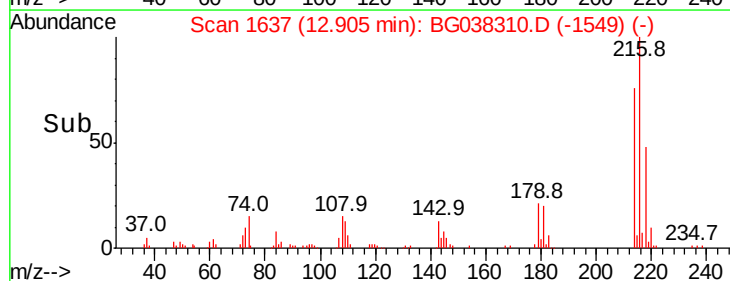
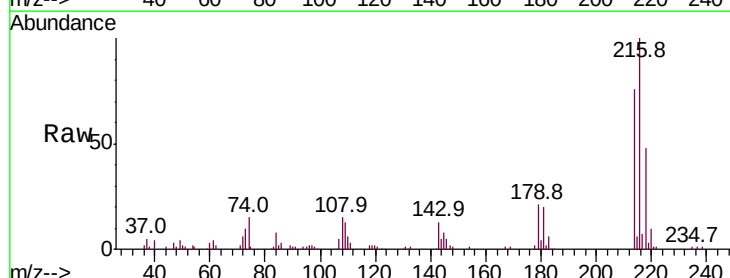
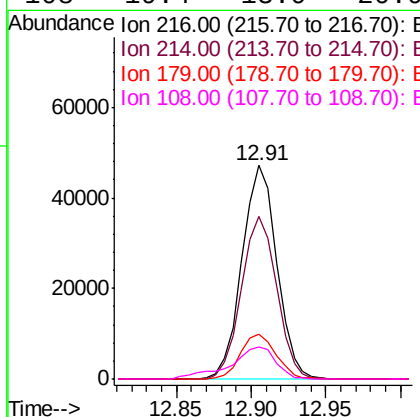
Manual Integrations
APPROVED

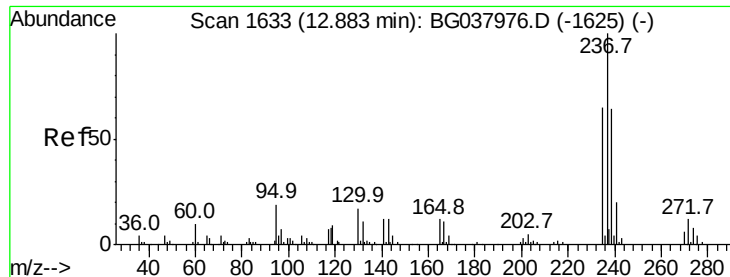
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.527 ng
RT: 12.91 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.8	95.6
179	21.3	17.4	26.0
108	19.4	13.9	20.9





#41

Hexachlorocyclopentadiene

Concen: 80.665 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

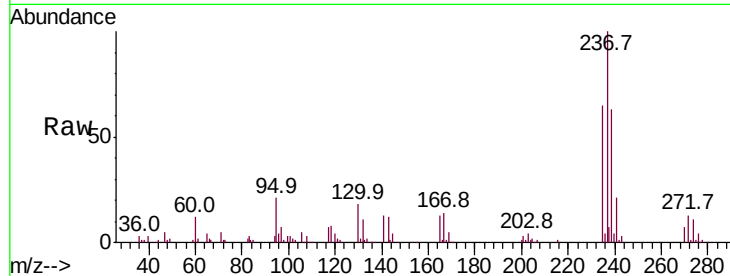
ClientSampleId :

S1-0-0.5-BGSMDS

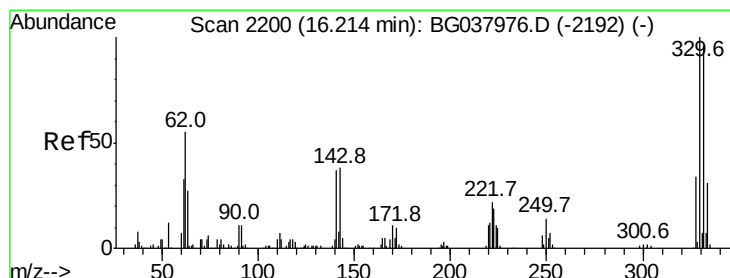
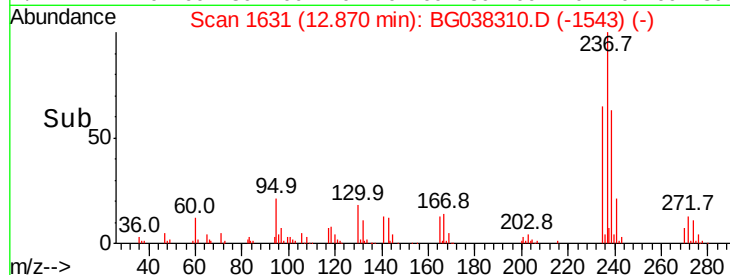
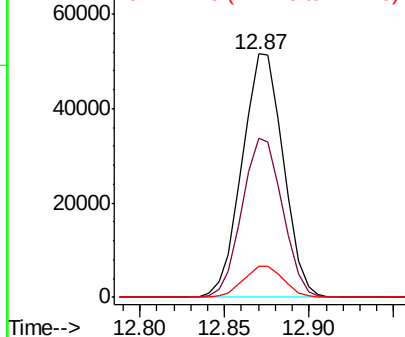
Tot Ion:	237	Resp:	87609
Ion Ratio	Lower	Upper	
237	100		
235	65.5	42.5	82.5
272	12.6	0.0	31.6

Manual Integrations
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12/4/2018 5:37:33 PM



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: 182.159 ng

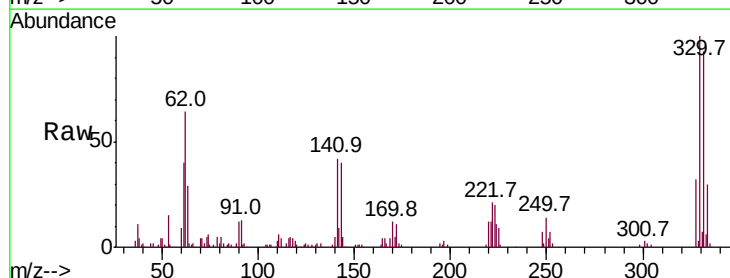
RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

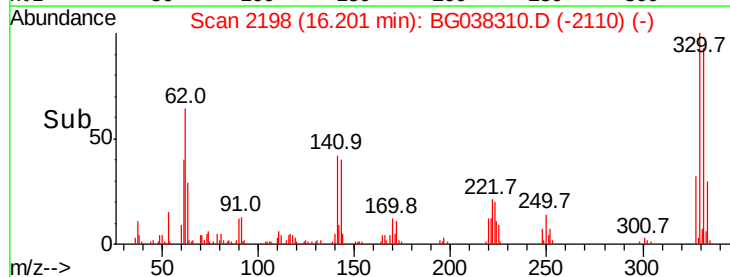
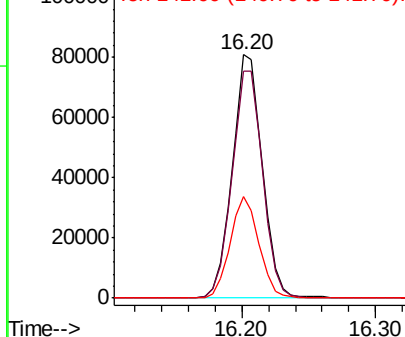
Lab File: BG038310.D

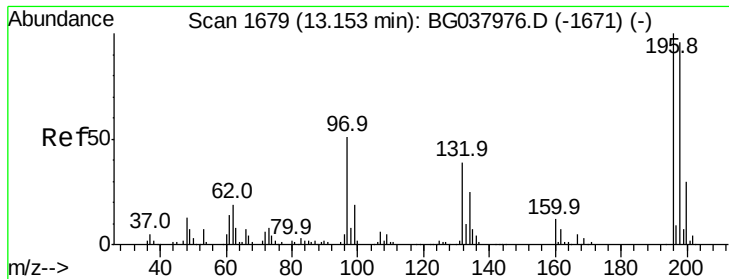
Acq: 3 Dec 2018 21:39

Tgt Ion:	330	Resp:	126099
Ion Ratio	Lower	Upper	
330	100		
332	95.2	78.4	117.6
141	40.1	32.2	48.2



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





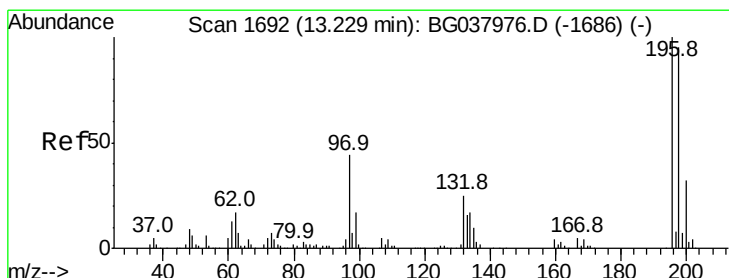
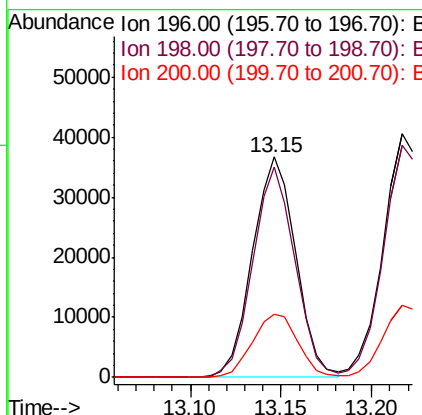
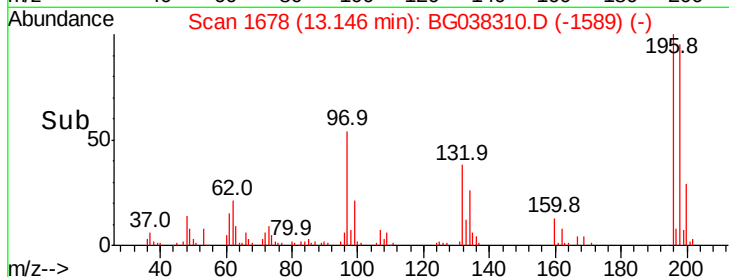
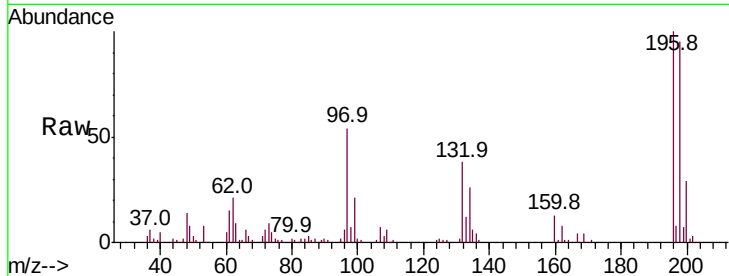
#43
 2,4,6-Trichlorophenol
 Concen: 43.951 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	60746		
198	95.2	76.4	114.6	
200	28.6	24.9	37.3	

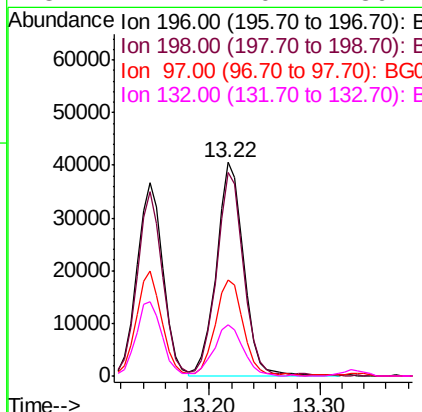
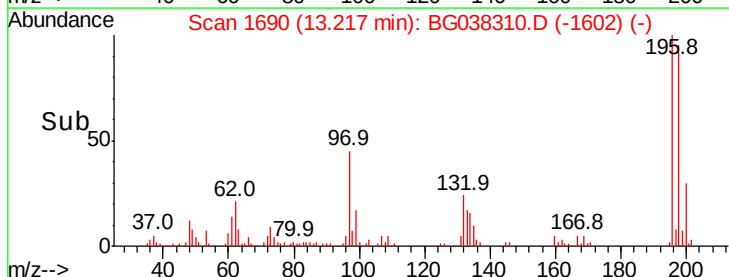
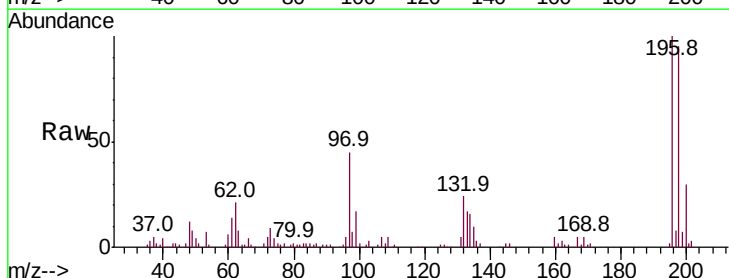
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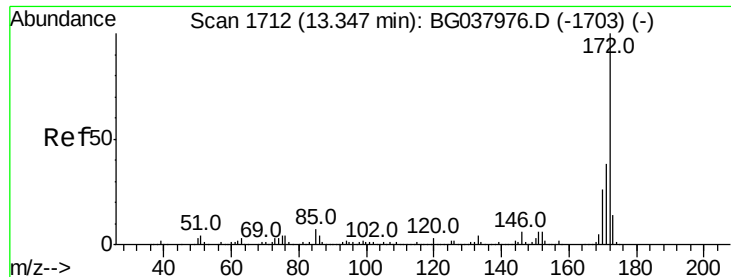
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.009 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	69817		
198	95.2	74.2	111.2	
97	45.1	34.1	51.1	
132	24.1	20.2	30.4	





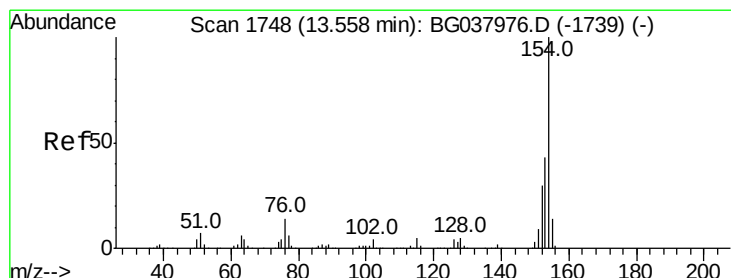
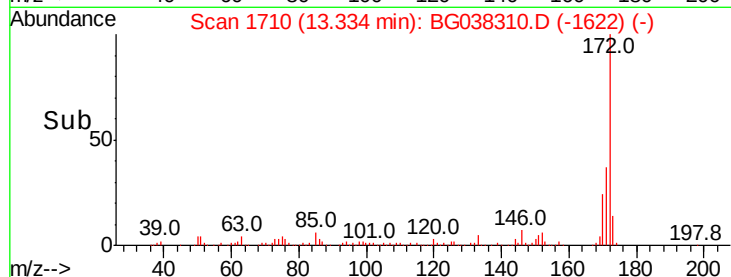
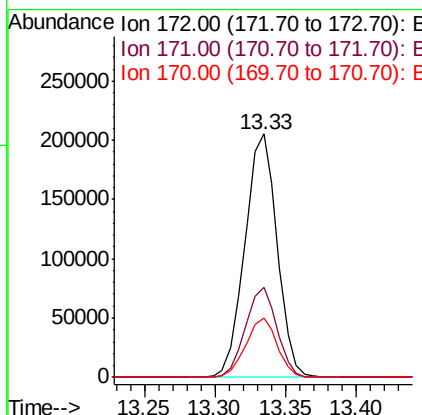
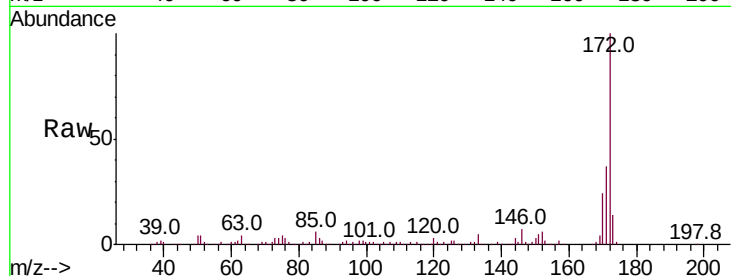
#45
2-Fluorobiphenyl
Concen: 78.700 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.3	20.2	30.2

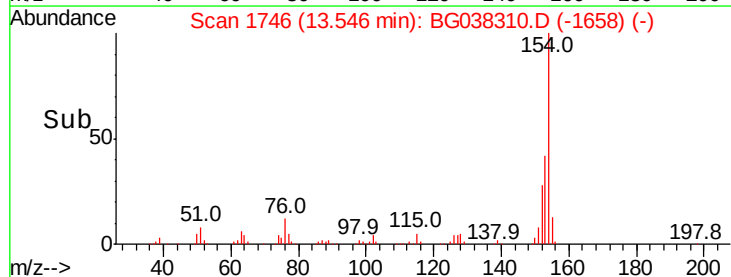
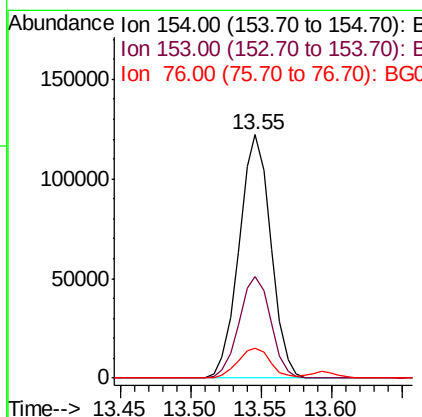
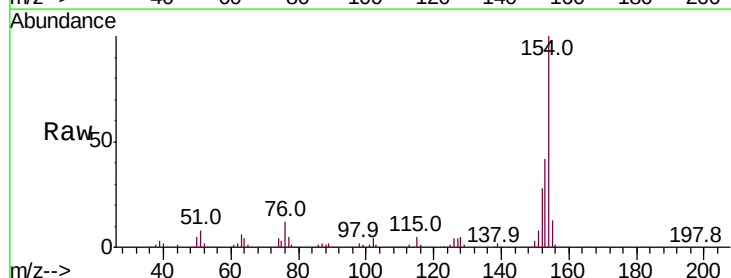
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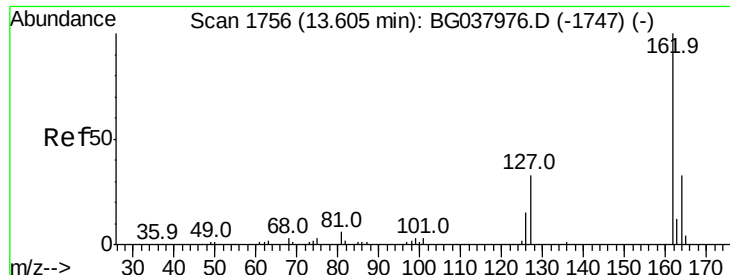
mohammad
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#46
1,1'-Biphenyl
Concen: 37.726 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	12.3	0.0	33.2





#47

2-Chloronaphthalene

Concen: 39.834 ng

RT: 13.59 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

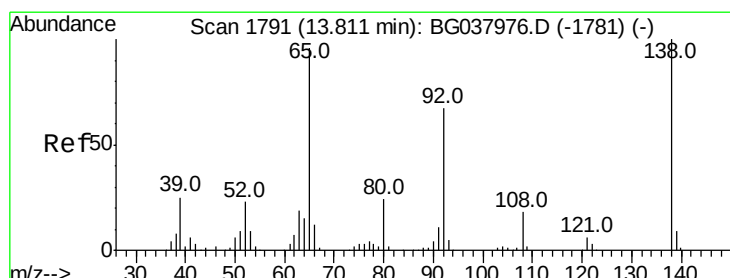
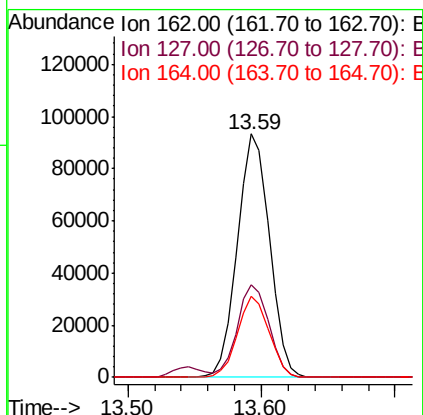
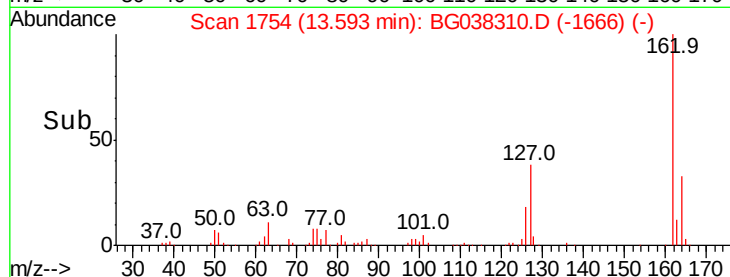
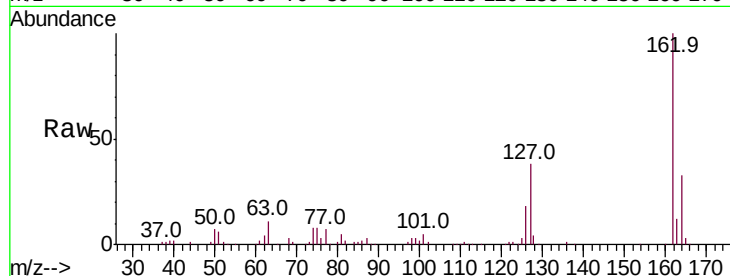
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	162	Resp:	155003
Ion Ratio	Lower	Upper	
162	100		
127	37.8	30.5	45.7
164	33.3	26.4	39.6

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#48

2-Nitroaniline

Concen: 51.411 ng

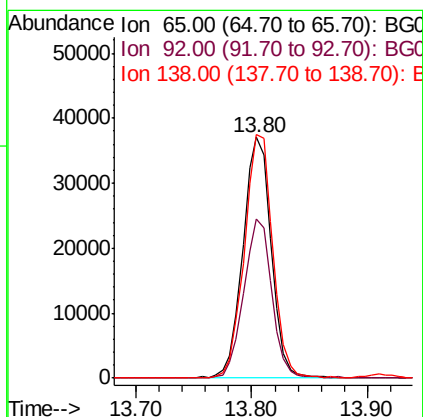
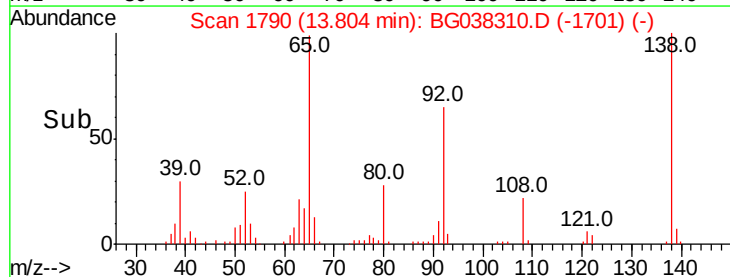
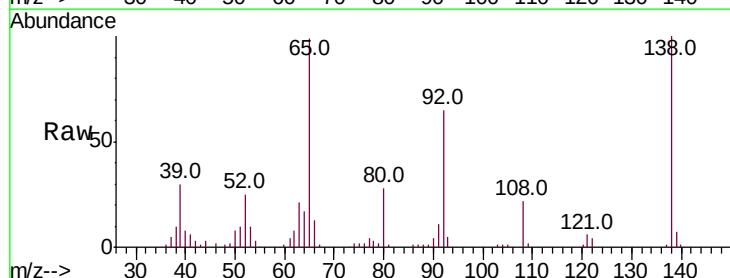
RT: 13.80 min Scan# 1790

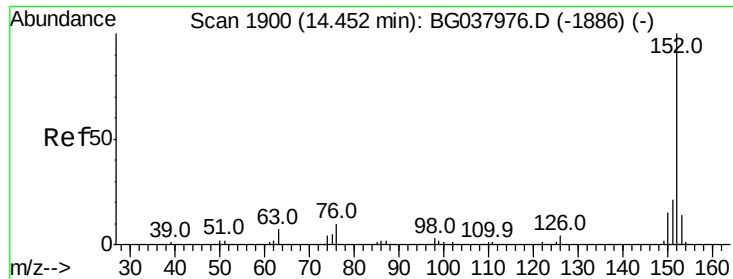
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	65	Resp:	62961
Ion Ratio	Lower	Upper	
65	100		
92	65.8	53.2	79.8
138	101.1	79.3	118.9





#49

Acenaphthylene

Concen: 47.538 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

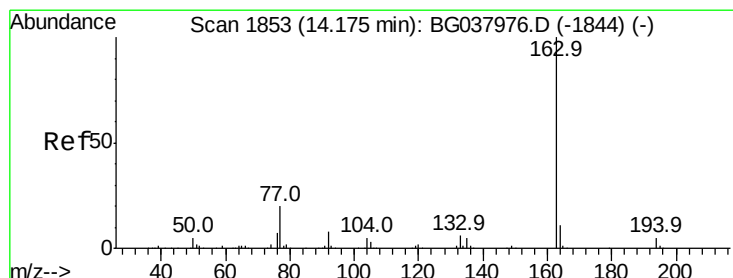
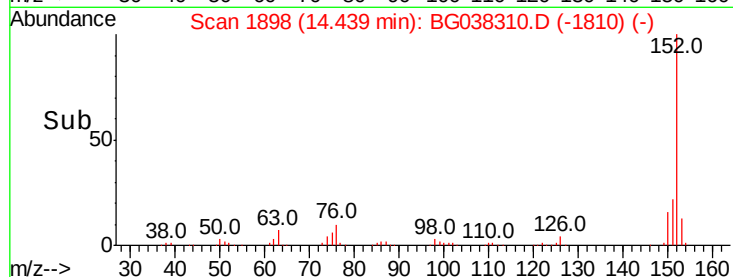
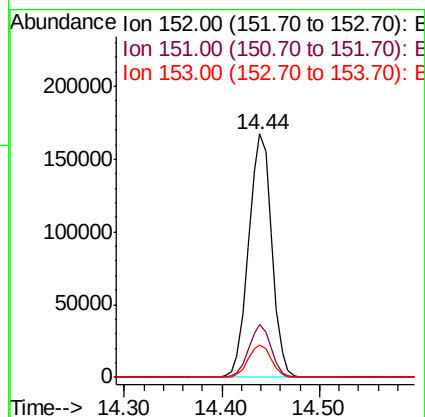
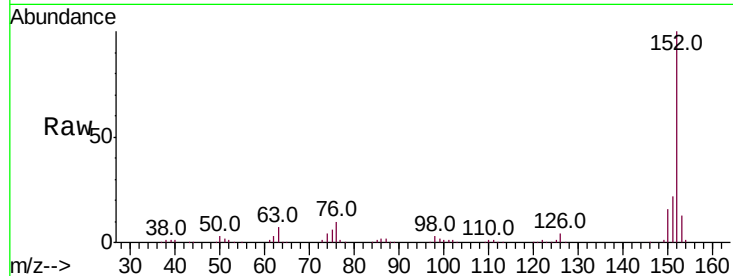
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	152	Resp:	278169
Ion Ratio	Lower	Upper	
152	100		
151	21.7	17.1	25.7
153	13.5	11.1	16.7

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#50

Dimethylphthalate

Concen: 55.888 ng

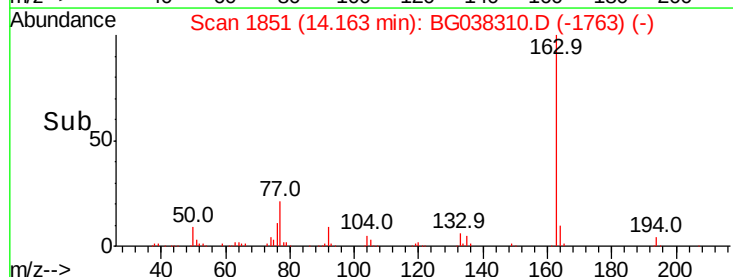
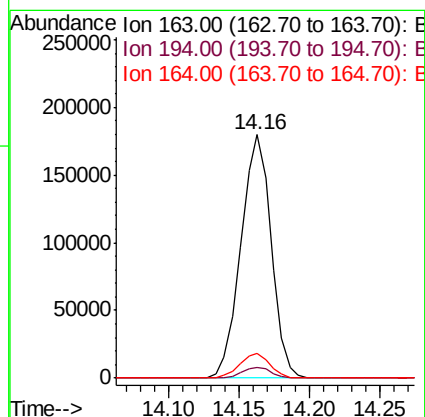
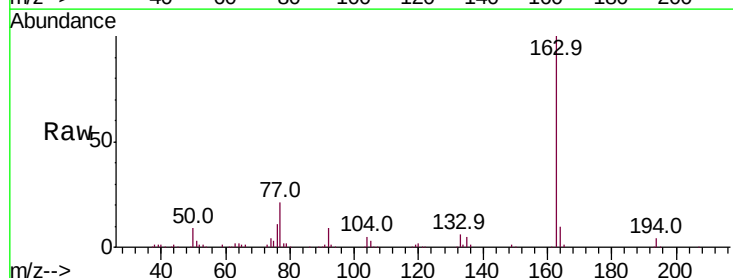
RT: 14.16 min Scan# 1851

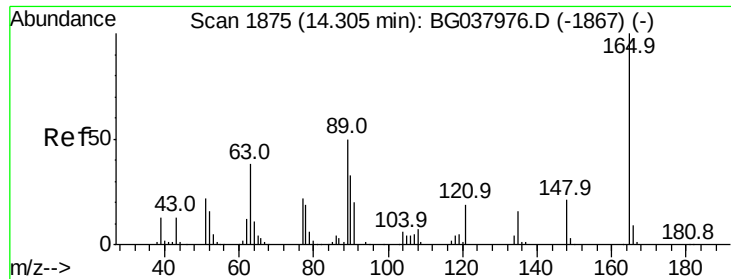
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	163	Resp:	268934
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.5	5.3
164	10.2	8.5	12.7





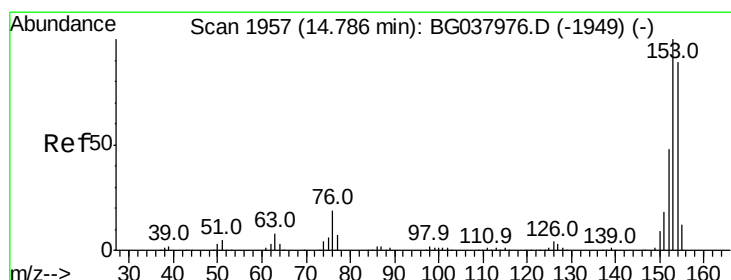
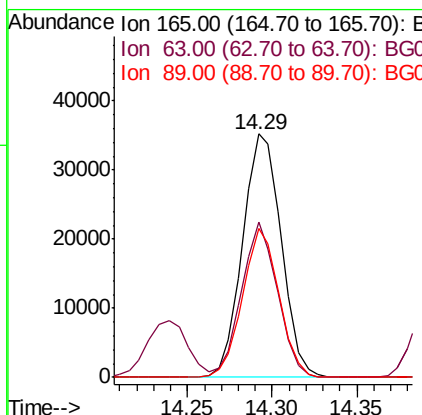
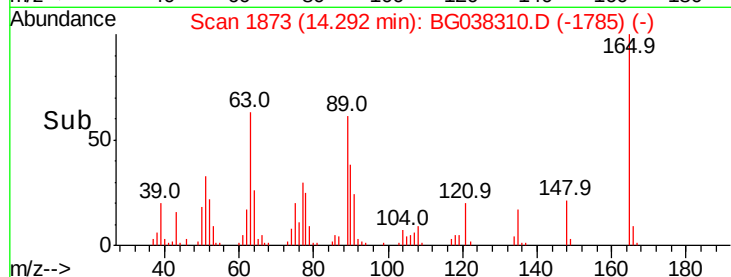
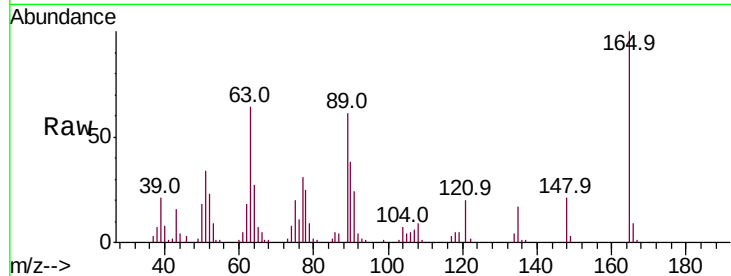
#51
 2,6-Dinitrotoluene
 Concen: 51.353 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	55928		
63	64.0		43.4	65.2
89	61.1		45.8	68.6

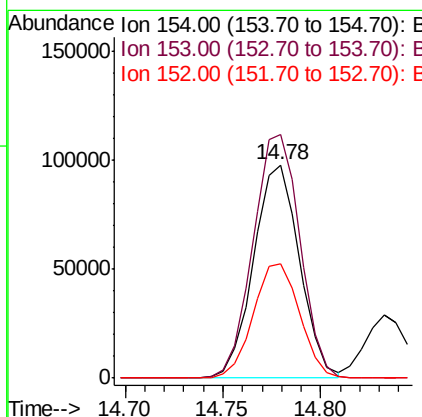
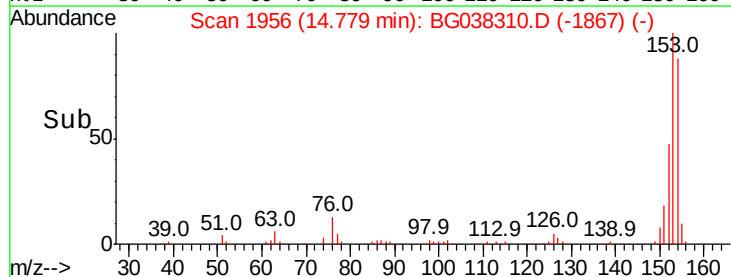
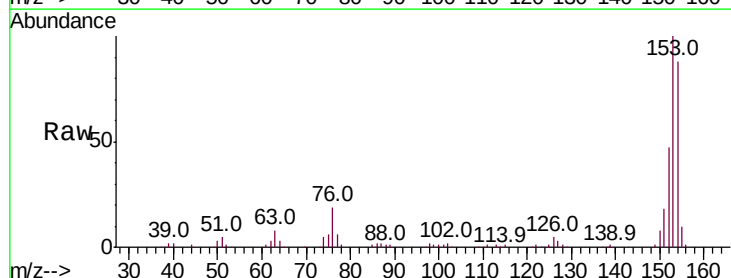
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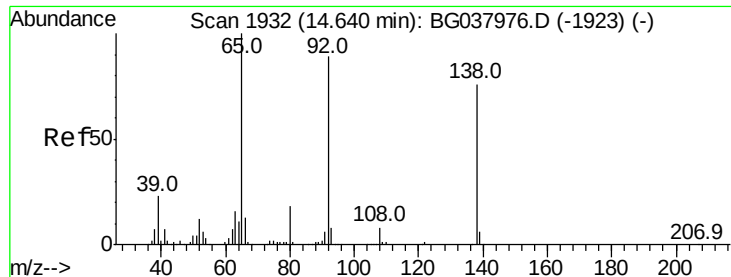
mohammad
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#52
 Acenaphthene
 Concen: 45.290 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	159547		
153	114.0		93.4	140.0
152	53.4		44.7	67.1





#53

3-Nitroaniline

Concen: 38.610 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

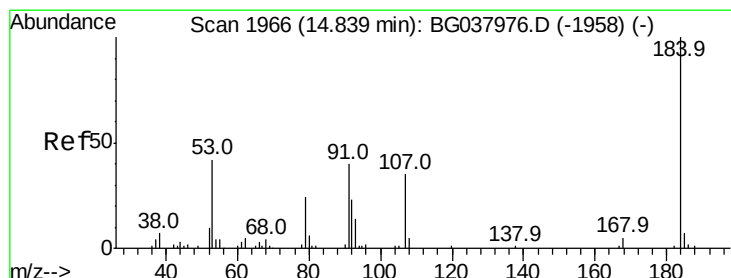
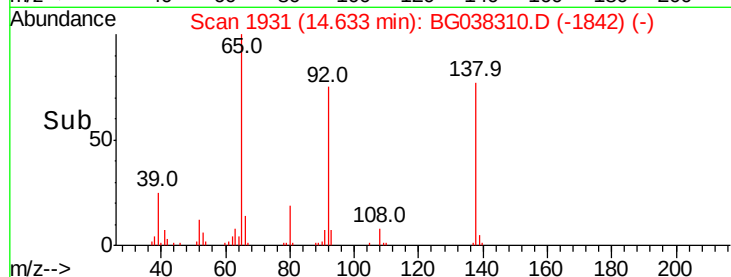
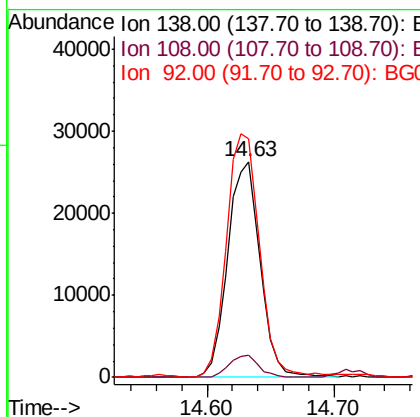
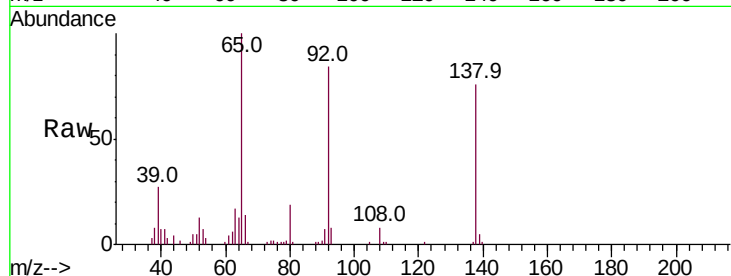
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion	Ion	Ratio	Lower	Upper
138	100			
108	10.4	11.0	16.6#	
92	110.6	95.2	142.8	

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#54

2,4-Dinitrophenol

Concen: 120.658 ng

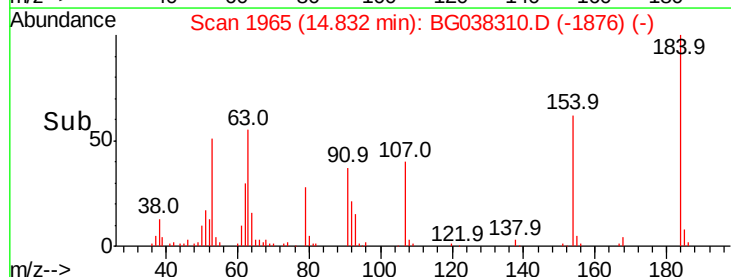
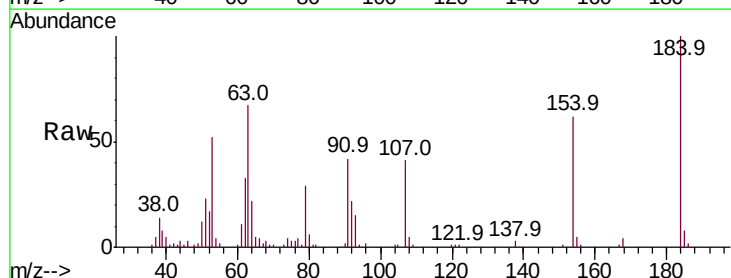
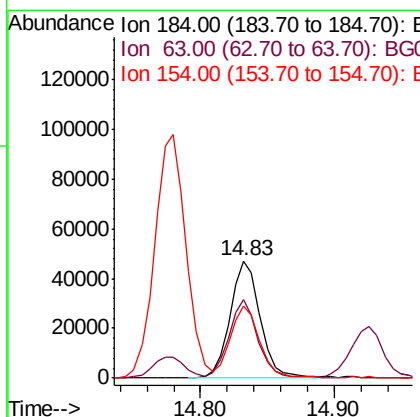
RT: 14.83 min Scan# 1965

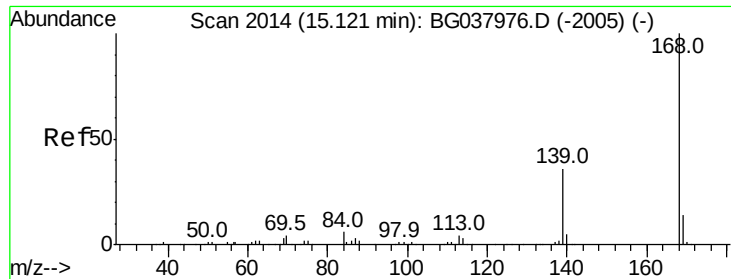
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion	Ion	Ratio	Lower	Upper
184	100			
63	67.1	42.6	63.8#	
154	61.7	41.8	62.6	





#55

Dibenzenofuran

Concen: 46.785 ng

RT: 15.11 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:168 Resp: 272522

Ion Ratio Lower Upper

168 100

139 39.5 29.4 44.0

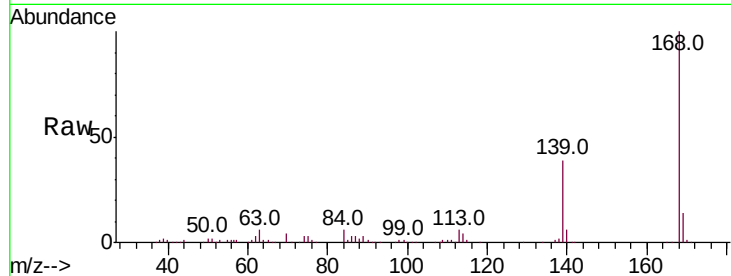
169 14.0 11.0 16.6

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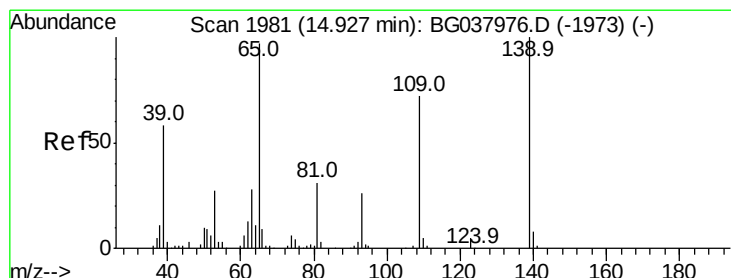
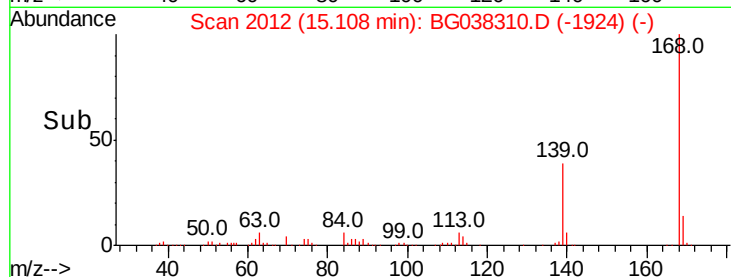
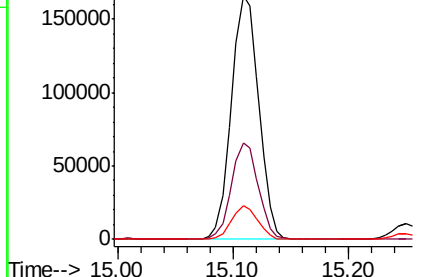
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 116.869 ng

RT: 14.93 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

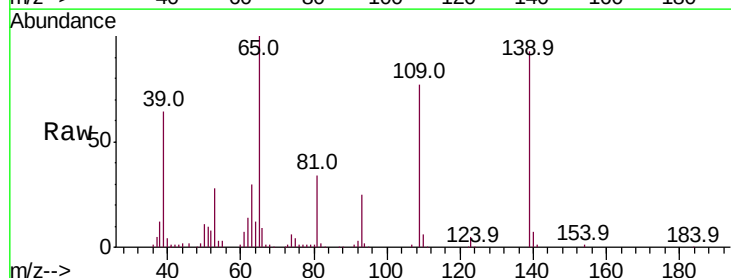
Tgt Ion:139 Resp: 108321

Ion Ratio Lower Upper

139 100

109 83.1 49.5 89.5

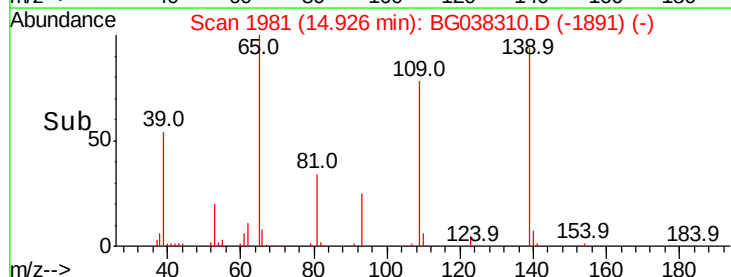
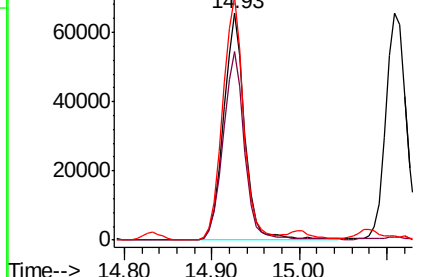
65 107.3 76.8 116.8

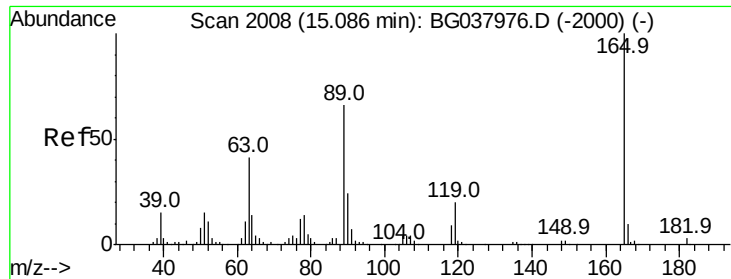


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





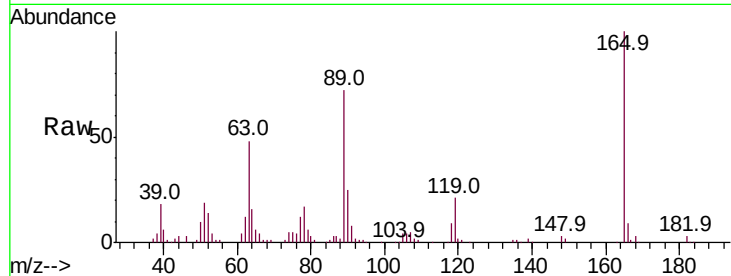
#57
 2,4-Dinitrotoluene
 Concen: 58.520 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

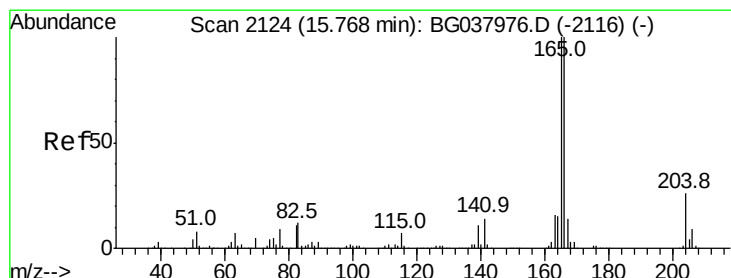
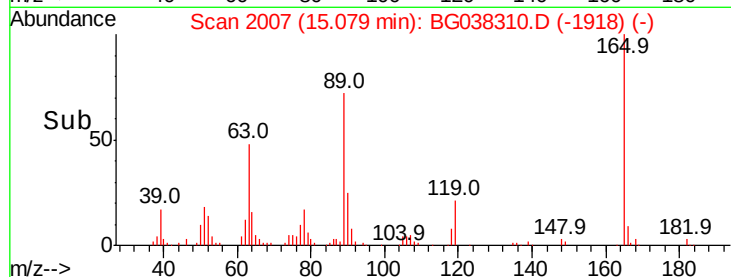
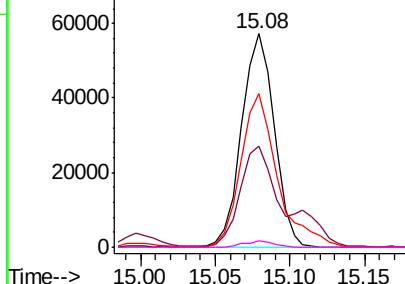
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	33.4	50.0
89	72.0	57.2	85.8
182	2.8	2.6	4.0

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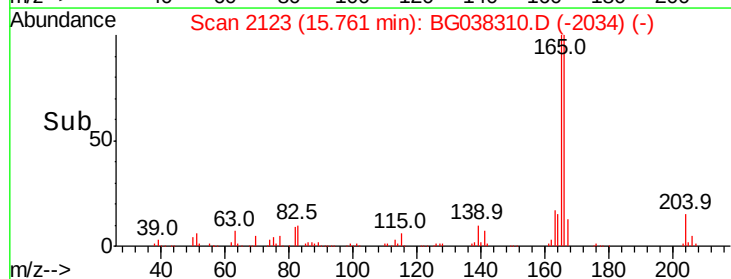
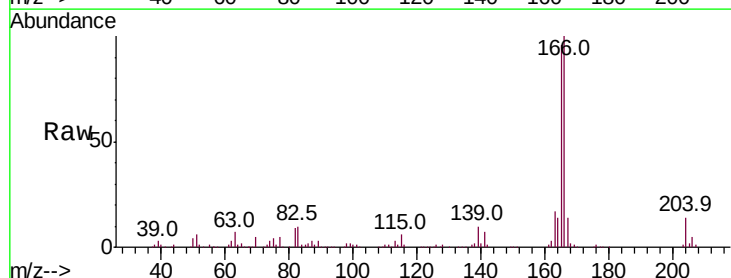
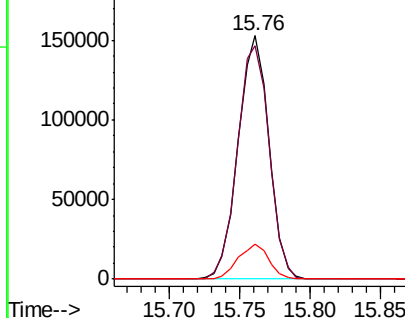
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

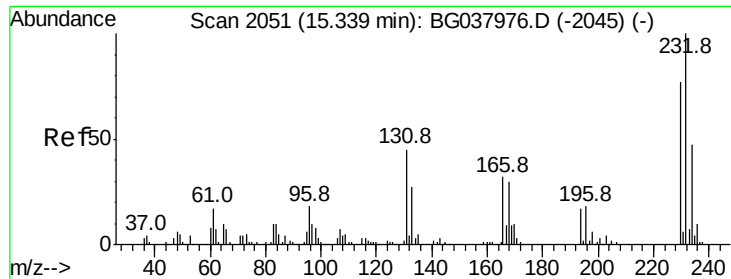


#58
 Fluorene
 Concen: 53.573 ng
 RT: 15.76 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.0	118.6
167	14.2	11.3	16.9

Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





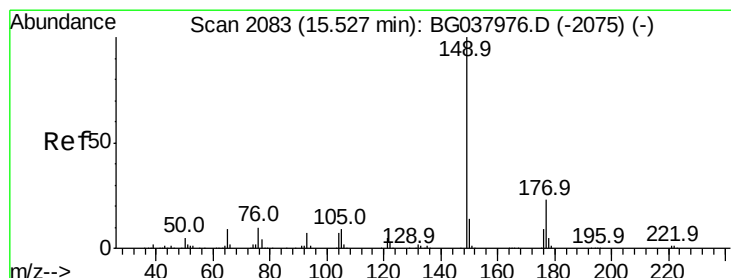
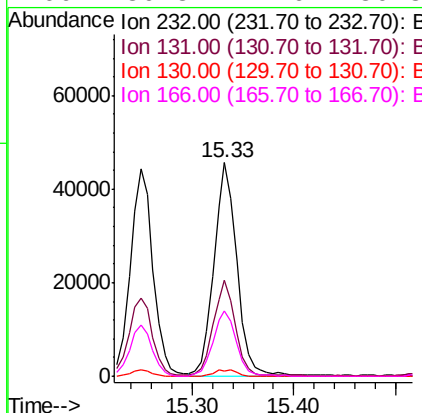
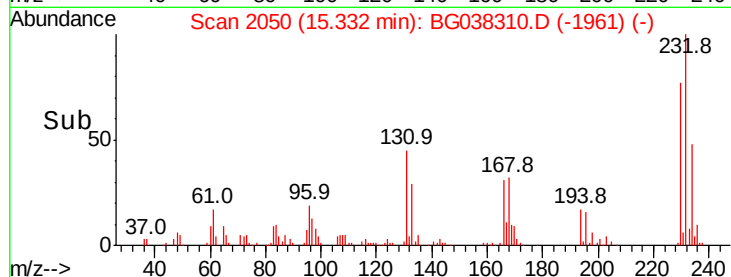
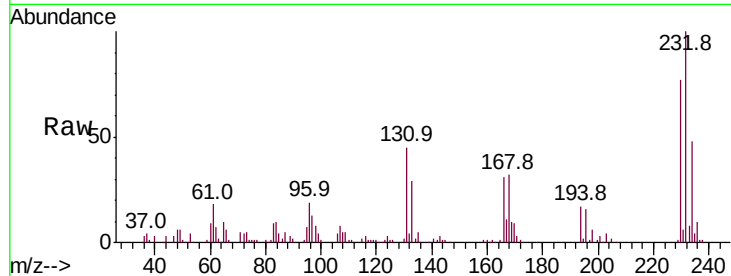
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 59.286 ng
 RT: 15.33 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.1	33.7	50.5
130	2.8	2.1	3.1
166	30.3	24.6	36.8

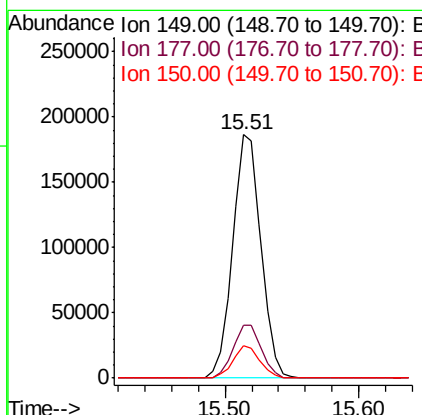
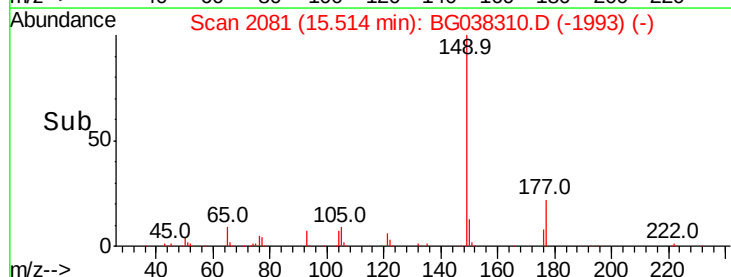
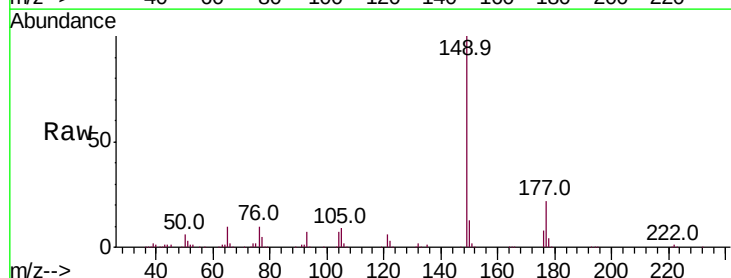
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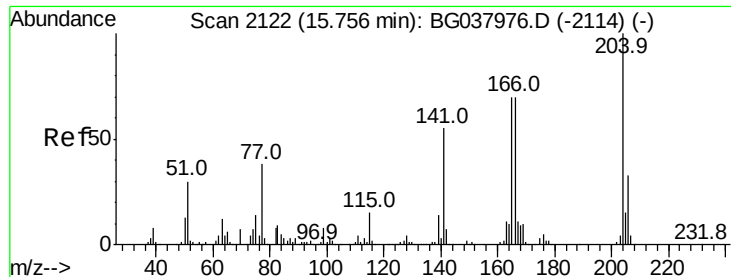
mohammad
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#60
 Diethylphthalate
 Concen: 53.669 ng
 RT: 15.51 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.3	27.5
150	13.1	10.0	15.0





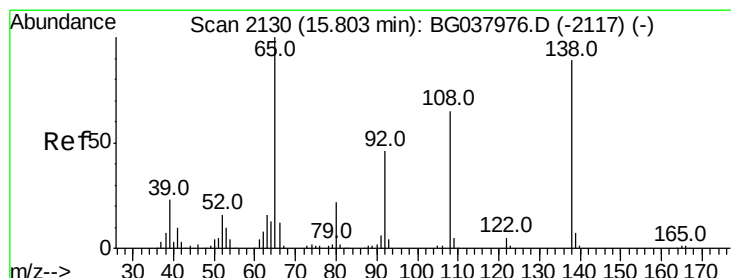
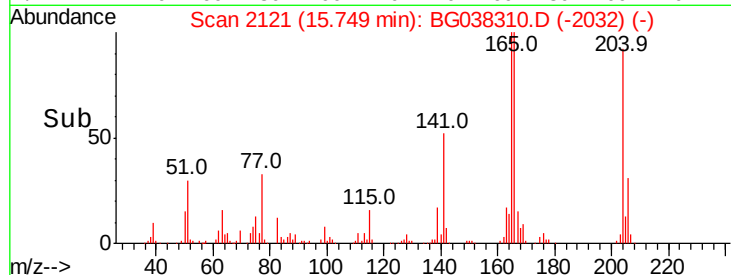
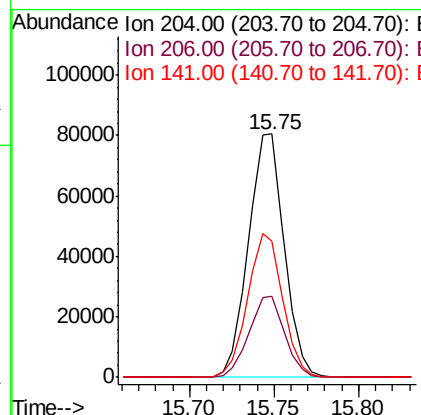
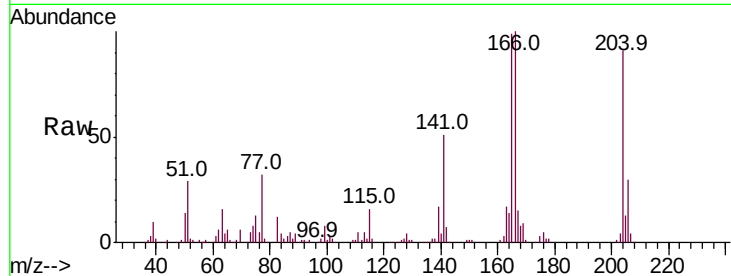
#61
4-Chlorophenyl-phenylether
Concen: 46.712 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	56.2	45.4	68.2

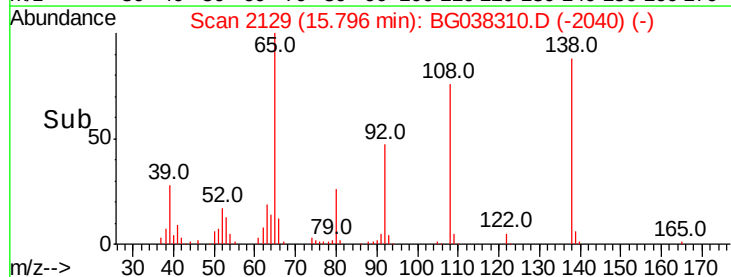
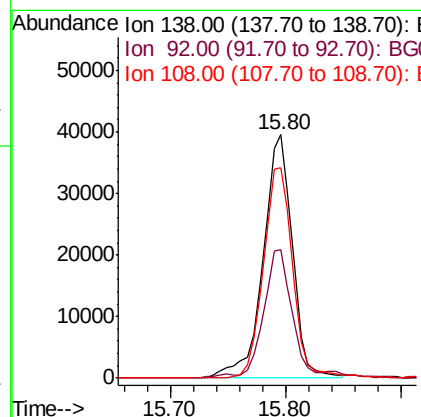
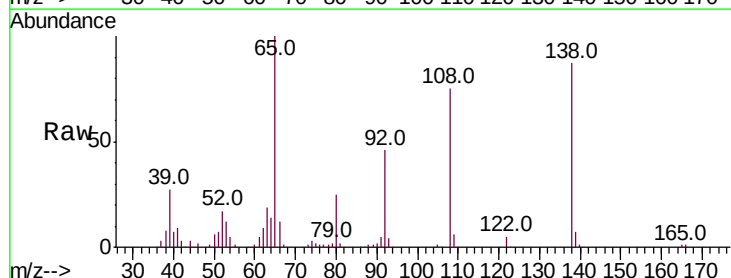
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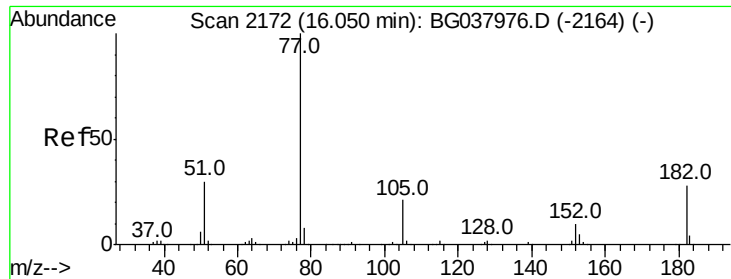
mohammad
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#62
4-Nitroaniline
Concen: 58.698 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.9	36.4	76.4
108	86.3	60.1	100.1





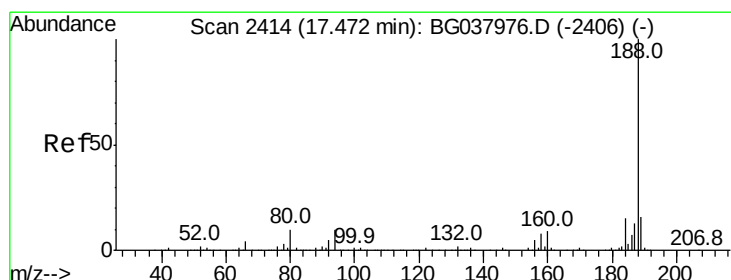
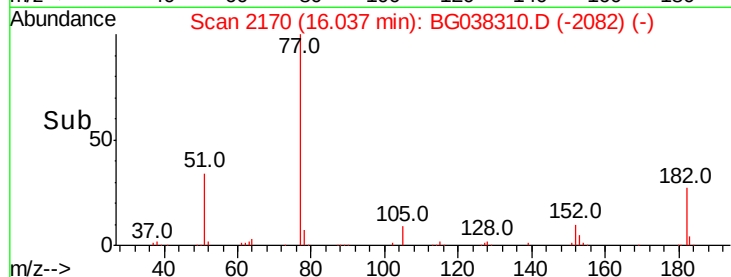
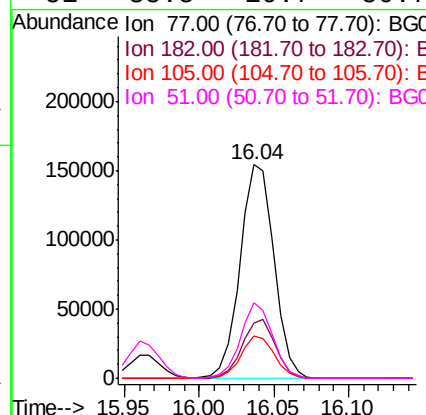
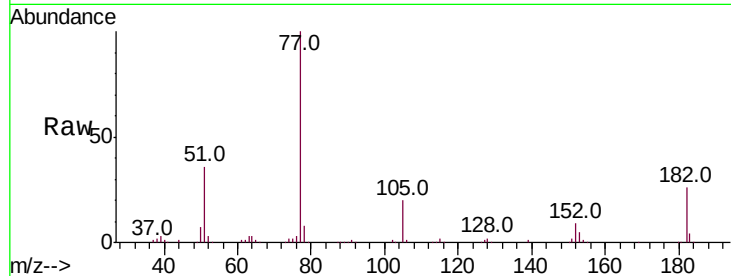
#63
Azobenzene
Concen: 53.172 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	8.0	48.0
105	19.9	1.3	41.3
51	35.5	10.7	50.7

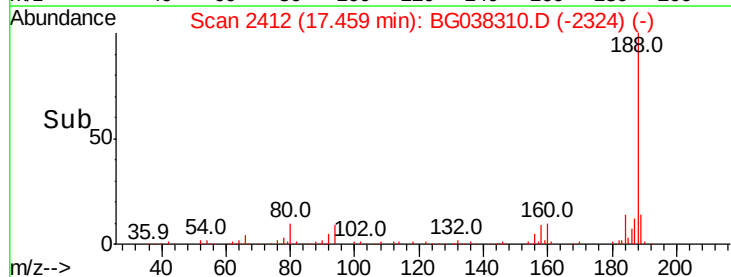
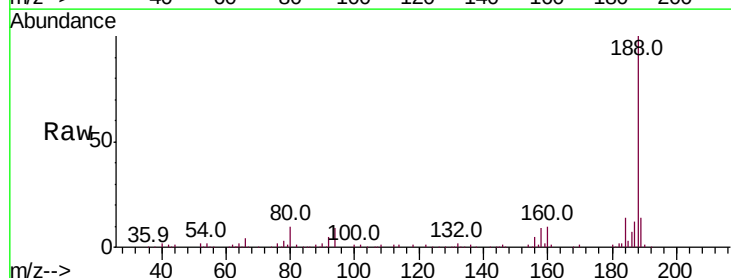
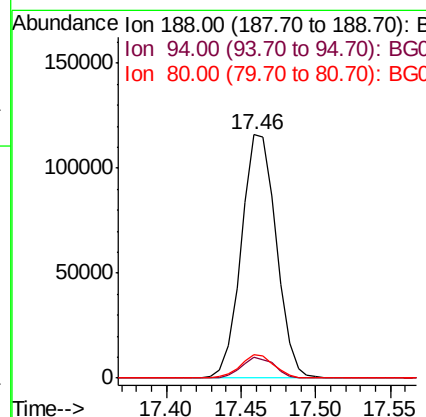
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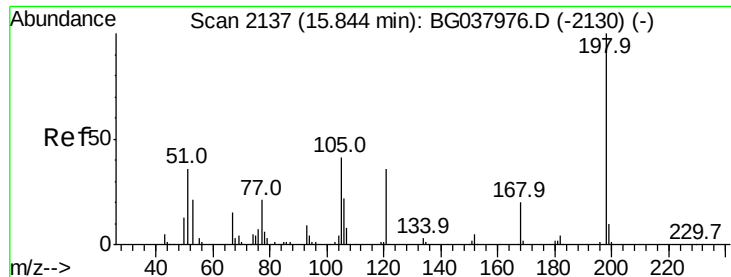
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.5	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 47.575 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGSMDS

Tot Ion:198 Resp: 56588

Ion Ratio Lower Upper

198 100

51 47.2 22.7 62.7

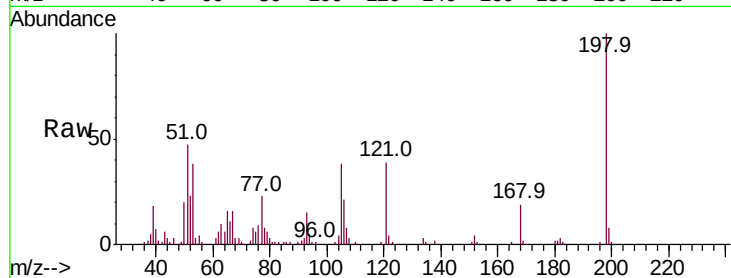
105 37.9 19.7 59.7

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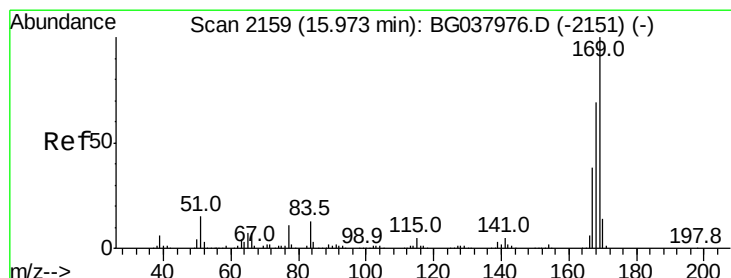
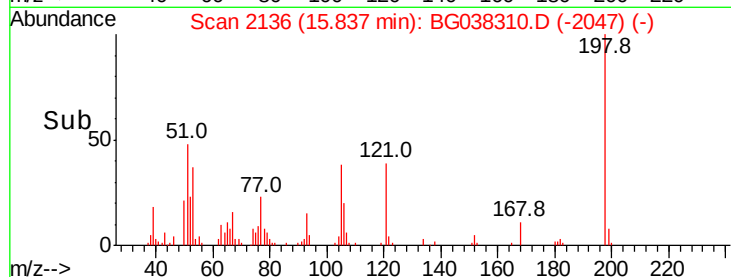
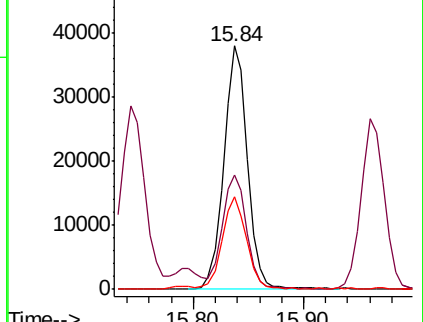
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.467 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

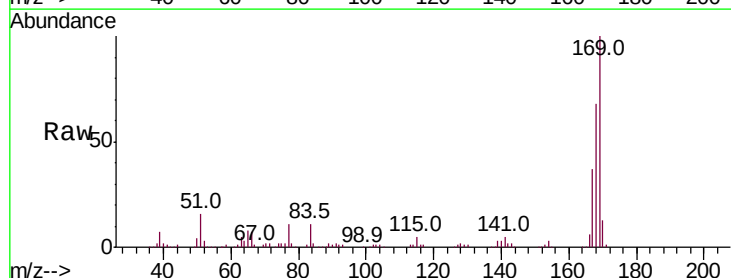
Tgt Ion:169 Resp: 224531

Ion Ratio Lower Upper

169 100

168 68.1 55.7 83.5

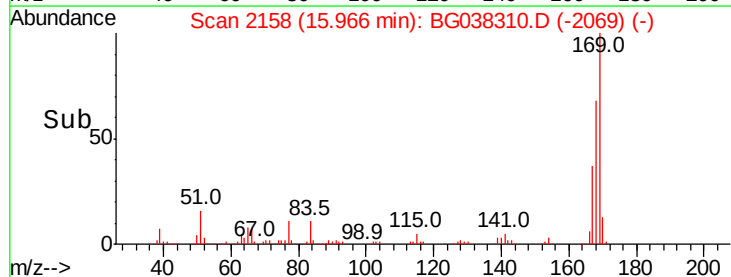
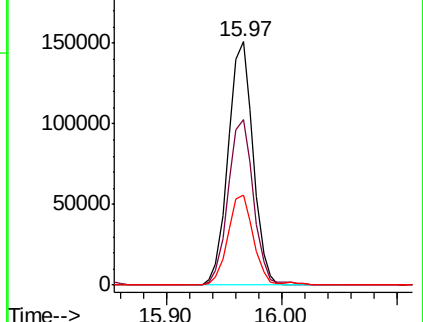
167 37.0 31.3 46.9

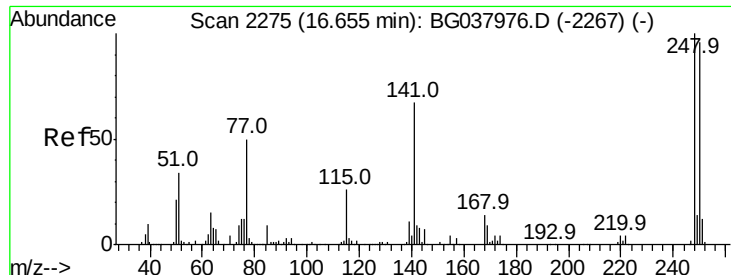


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





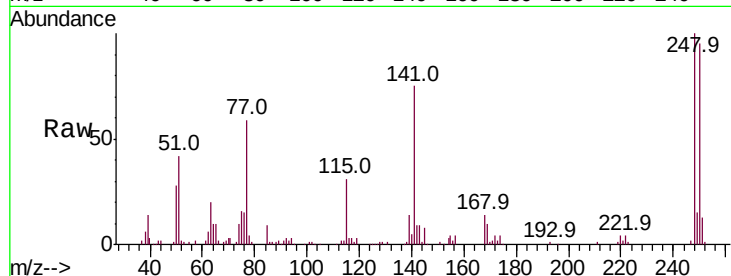
#67
4-Bromophenyl-phenylether
Concen: 40.412 ng
RT: 16.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.0	115.6
141	75.2	55.5	83.3

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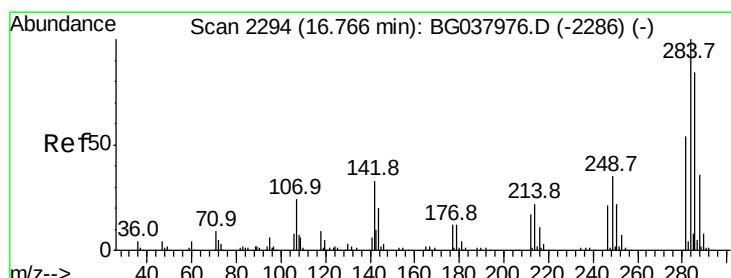
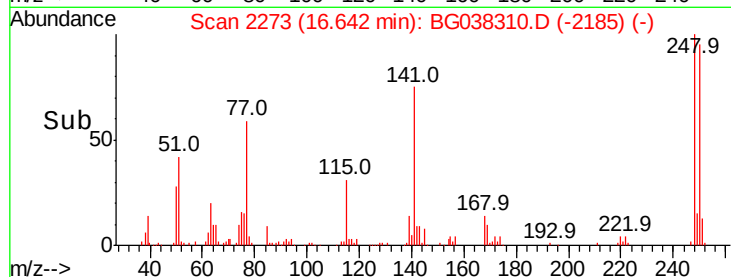
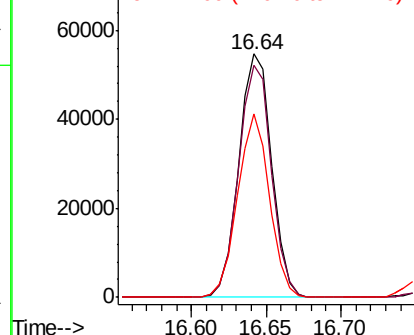


Abundance

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: 41.519 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

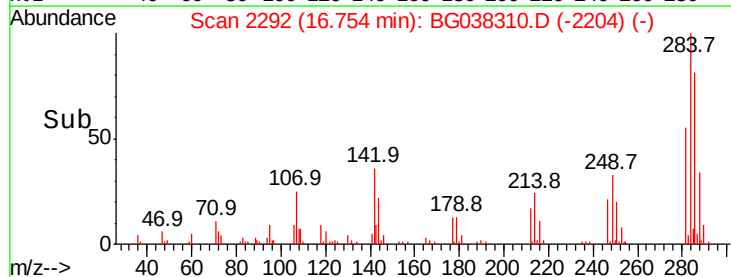
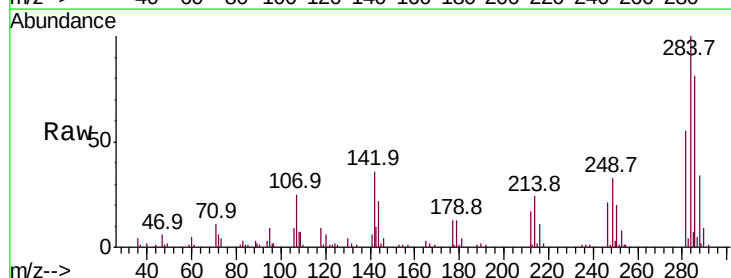
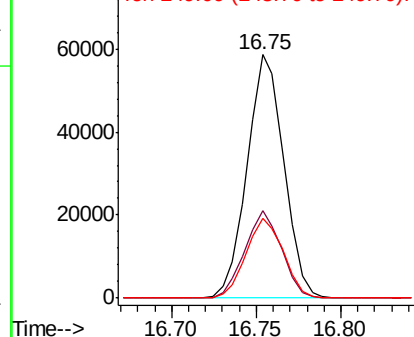
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.1	42.1
249	35.8	29.8	44.8

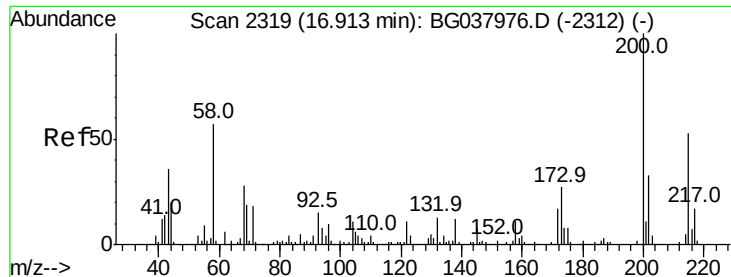
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





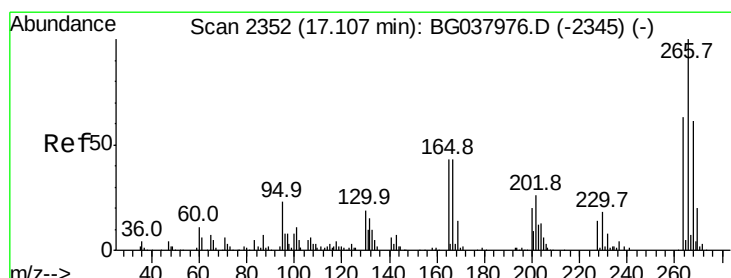
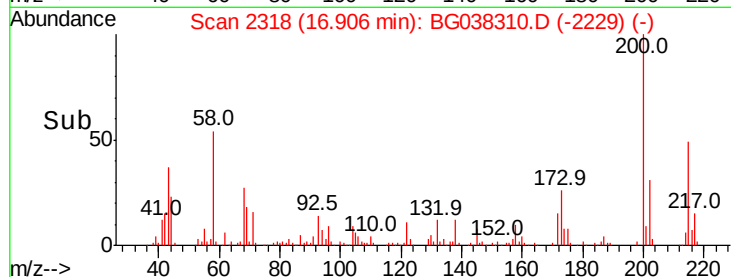
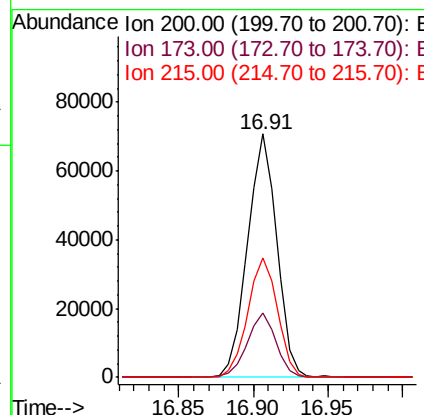
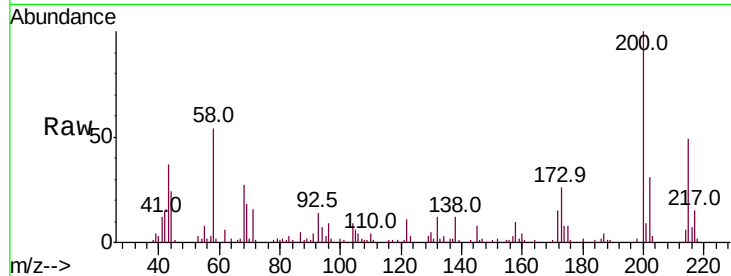
#69
 Atrazine
 Concen: 45.743 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	6.1	46.1
215	48.9	30.8	70.8

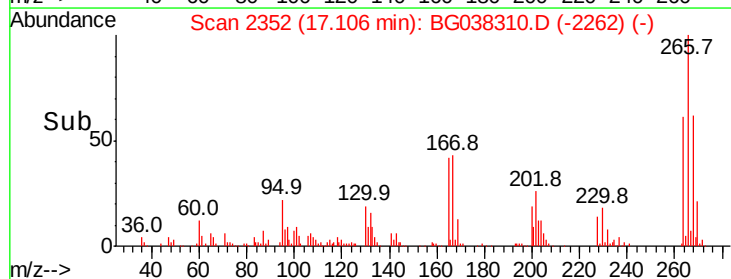
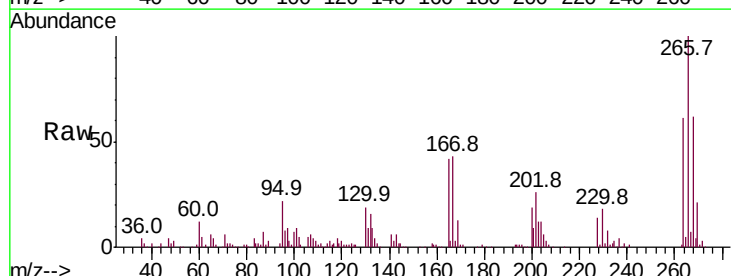
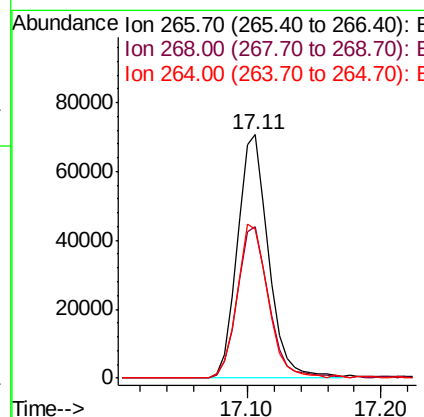
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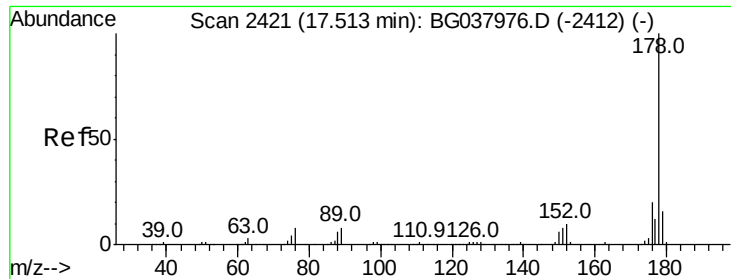
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#70
 Pentachlorophenol
 Concen: 78.984 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. -0.00 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.5	55.0	82.6
264	60.9	58.9	88.3





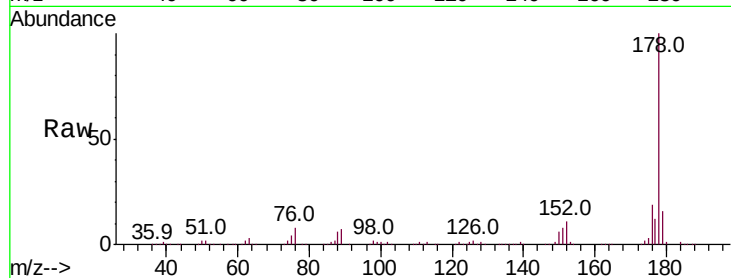
#71
Phenanthrene
Concen: 46.492 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

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

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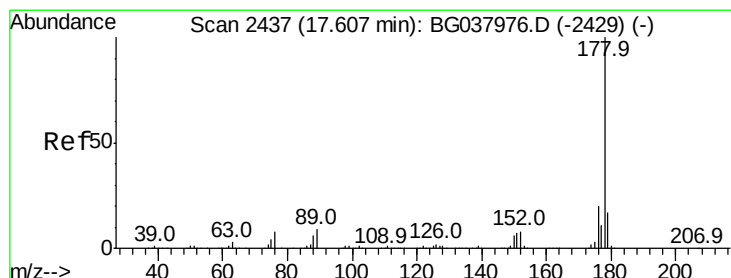
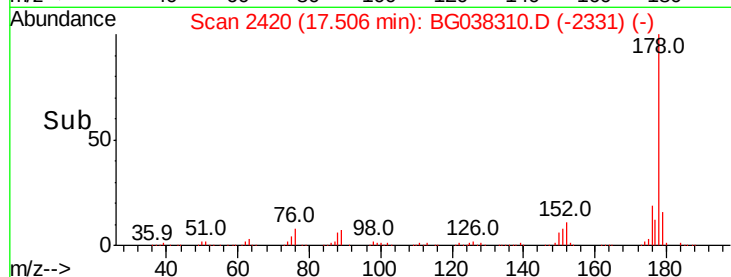
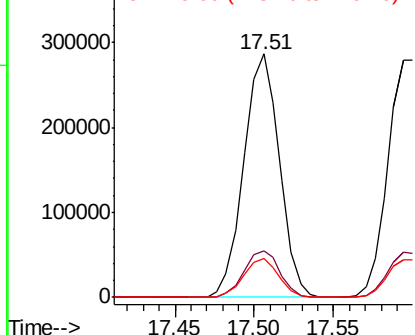


Abundance

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: 47.976 ng
RT: 17.60 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

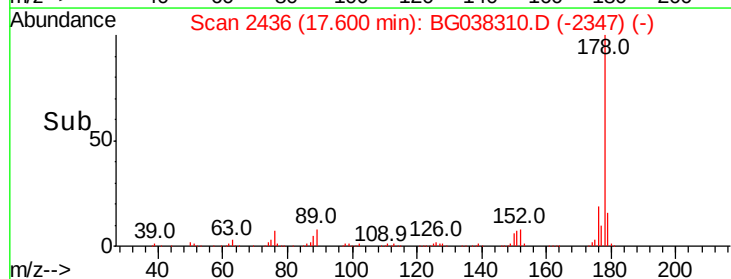
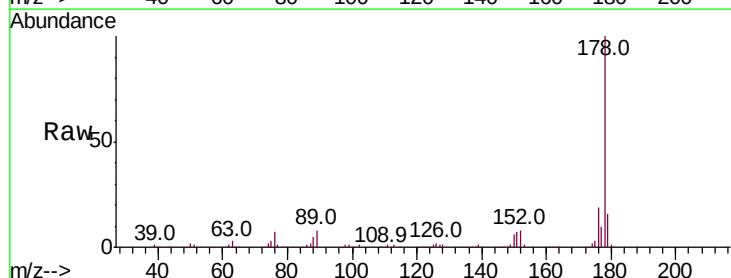
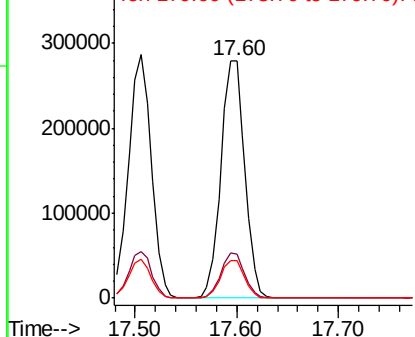
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.8	12.8	19.2

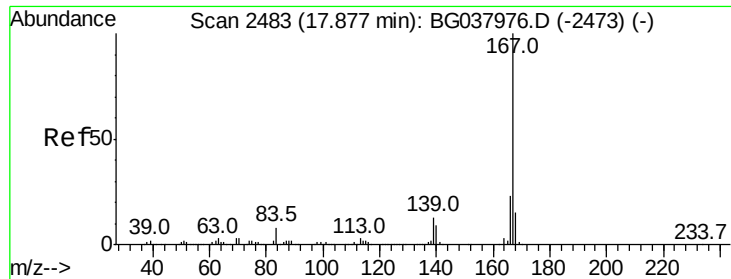
Abundance

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





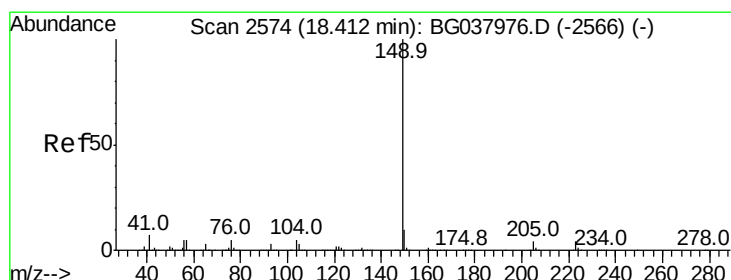
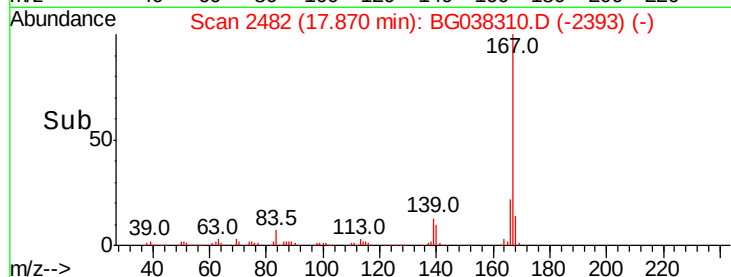
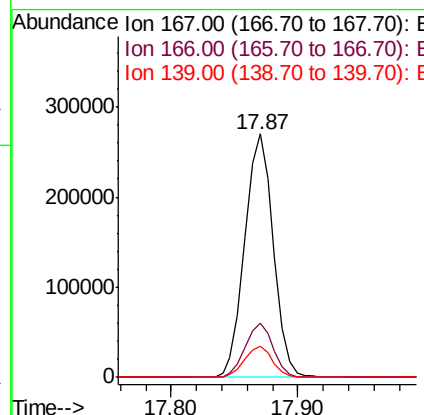
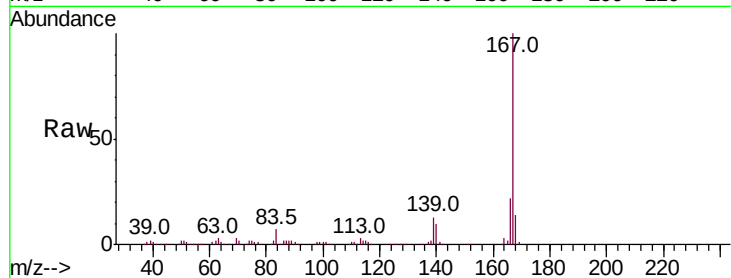
#73
 Carbazole
 Concen: 44.316 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.3	27.5
139	12.9	10.5	15.7

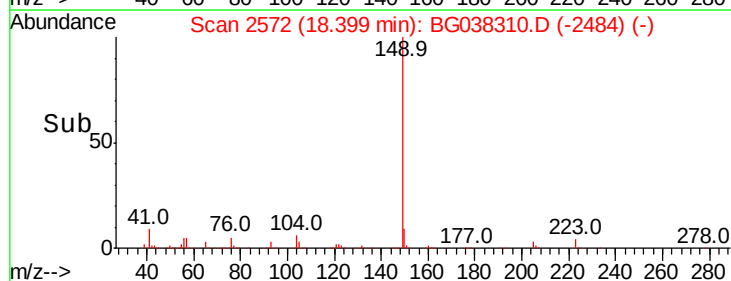
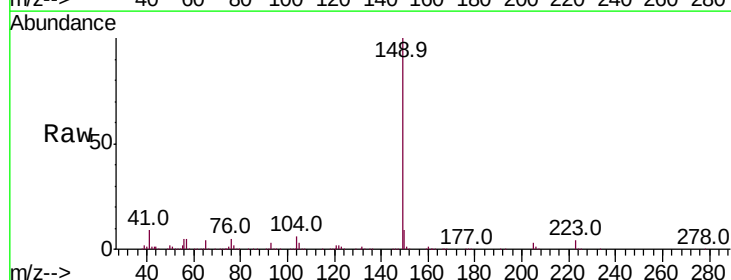
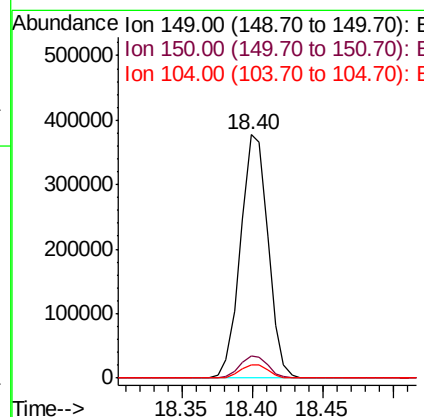
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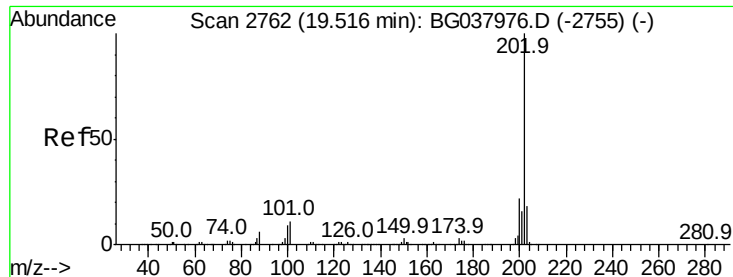
mohammad
 12/4/2018 5:37:33 PM



#74
 Di-n-butylphthalate
 Concen: 47.972 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.2	12.2
104	5.6	4.0	6.0





#75

Fluoranthene

Concen: 51.525 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

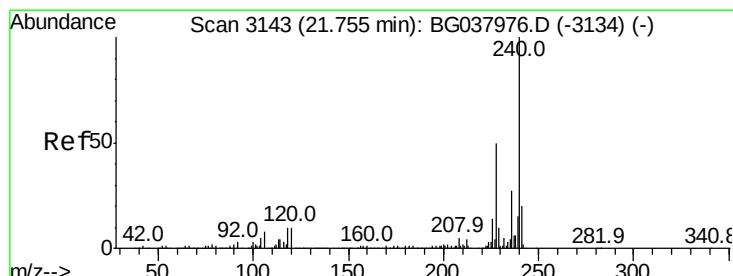
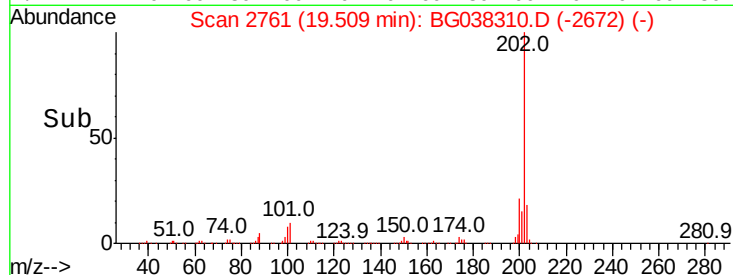
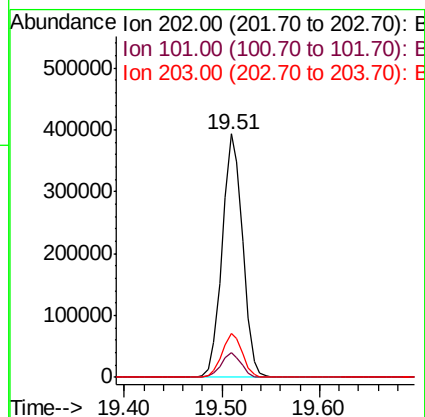
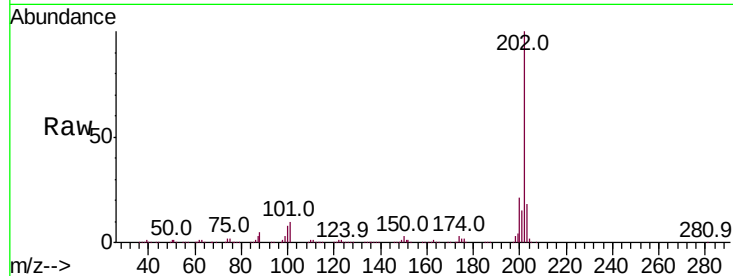
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	566005		
101	10.1	0.0	30.7	
203	18.1	0.0	38.5	

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#76

Chrysene-d12

Concen: 20.000 ng

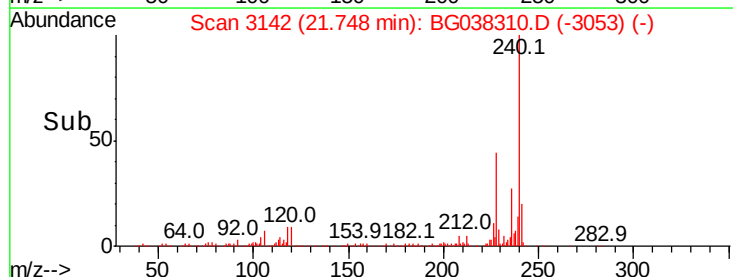
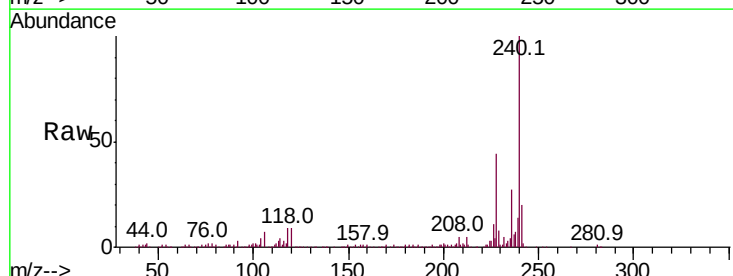
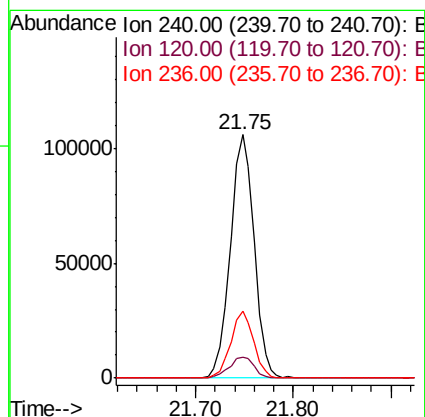
RT: 21.75 min Scan# 3142

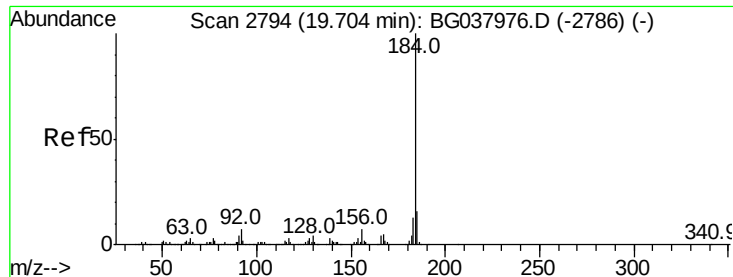
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	178632		
120	8.6	8.1	12.1	
236	27.4	21.4	32.0	





#77

Benzidine

Concen: 20.276 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

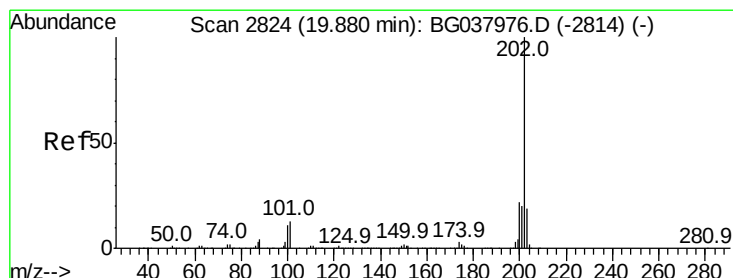
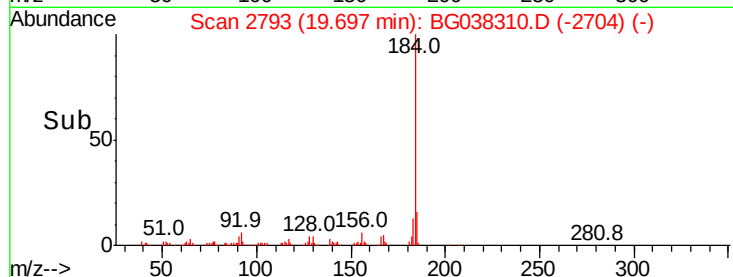
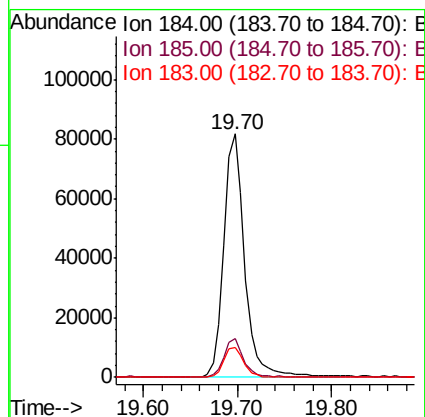
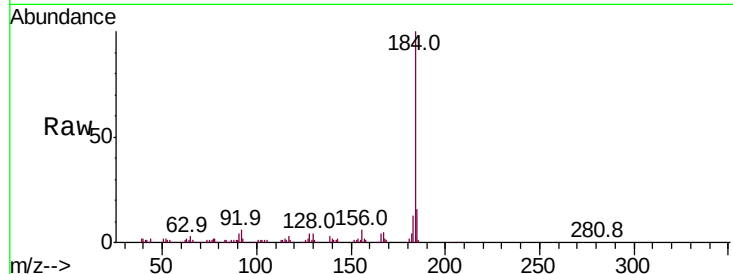
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	184	Resp:	127089
Ion Ratio	Lower	Upper	
184	100		
185	16.0	12.6	18.8
183	12.5	10.2	15.2

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#78

Pyrene

Concen: 46.462 ng

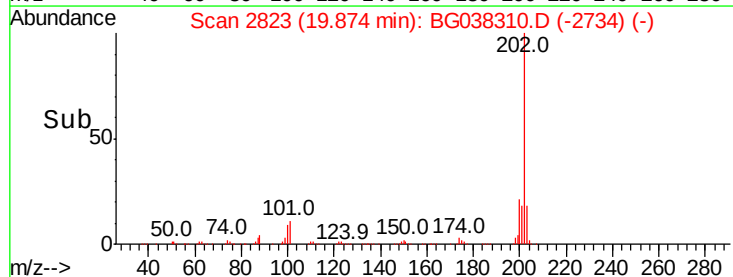
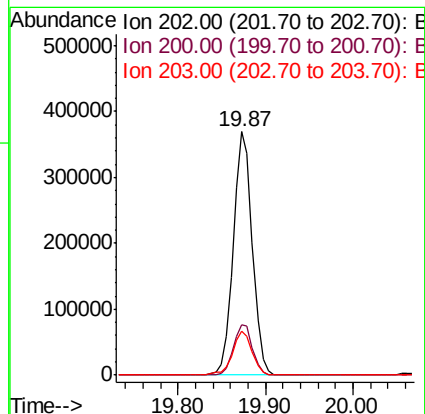
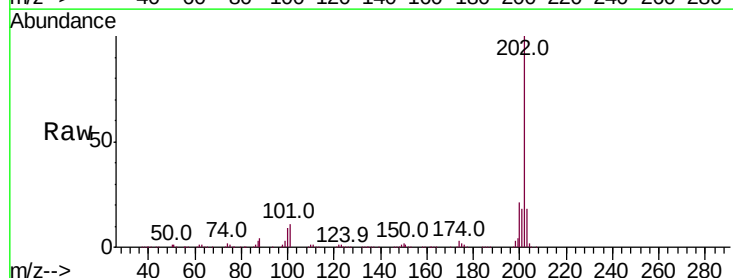
RT: 19.87 min Scan# 2823

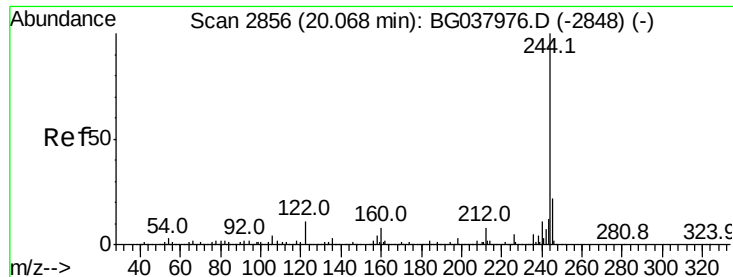
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	202	Resp:	542628
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.8	26.6
203	18.1	15.2	22.8





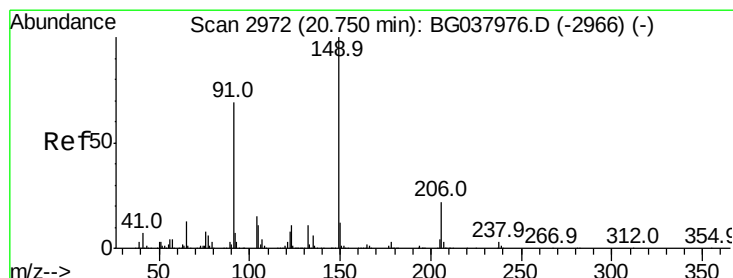
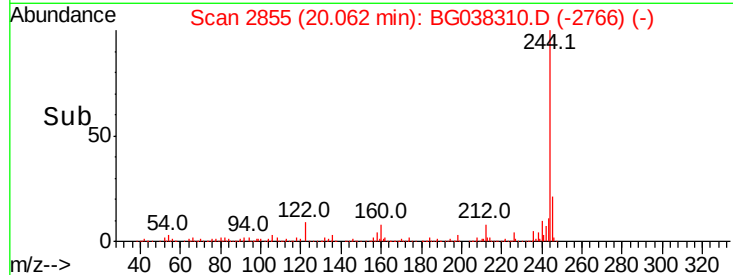
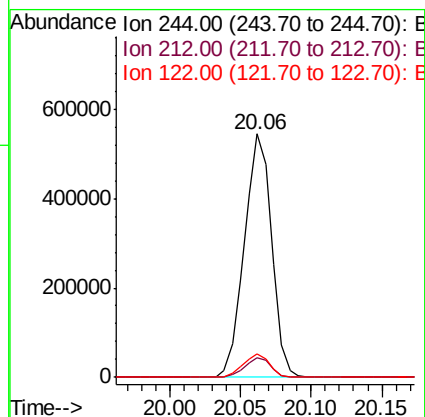
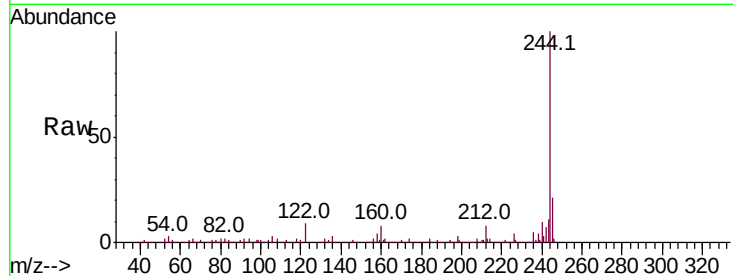
#79
 Terphenyl-d14
 Concen: 96.959 ng
 RT: 20.06 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion:	244	Resp:	736075
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.5	9.7
122	9.4	9.0	13.4

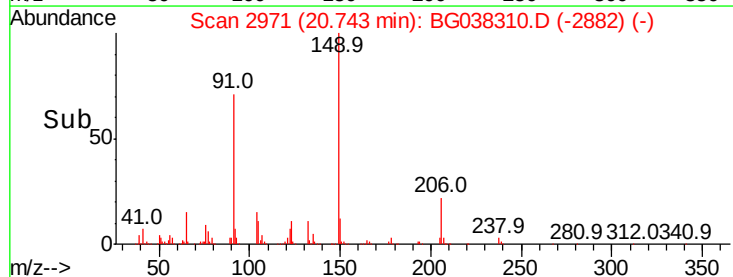
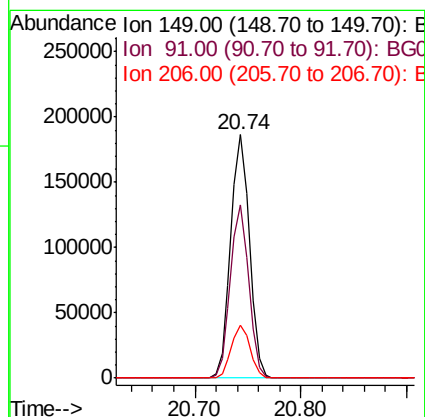
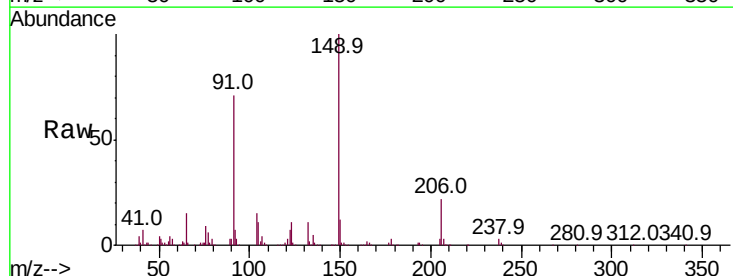
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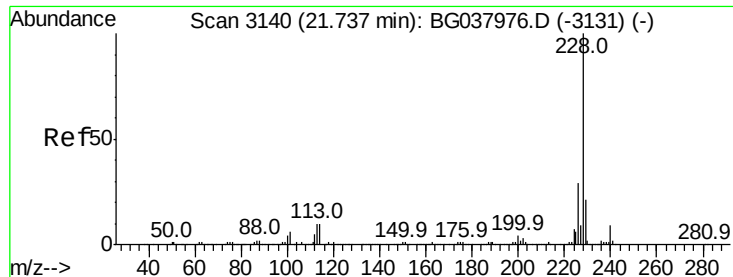
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#80
 Butylbenzylphthalate
 Concen: 44.862 ng
 RT: 20.74 min Scan# 2971
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion:	149	Resp:	229133
Ion Ratio	Lower	Upper	
149	100		
91	71.0	57.0	85.4
206	21.7	17.8	26.6





#81

Benzo(a)anthracene

Concen: 46.604 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

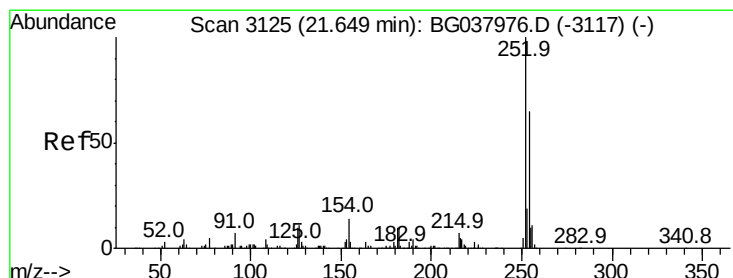
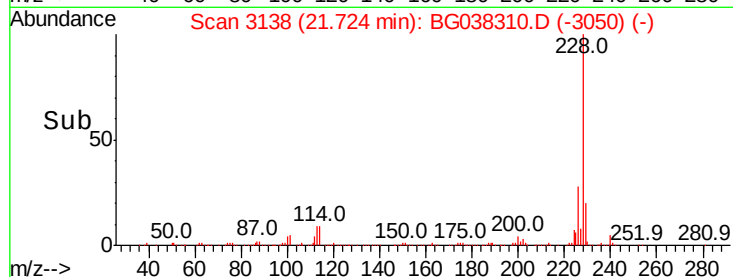
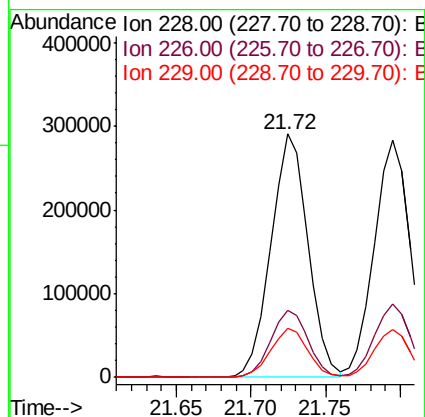
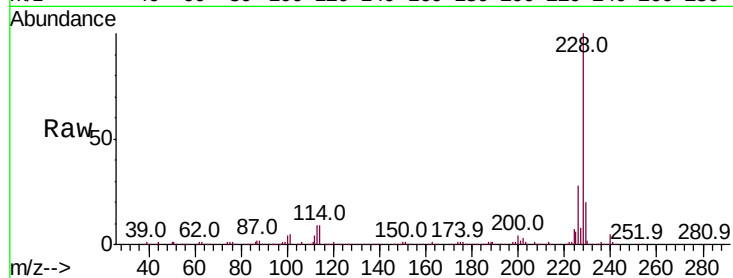
ClientSampleId :

S1-0-0.5-BGSMDS

Tot Ion:	228	Resp:	503084
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	20.0	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 29.941 ng

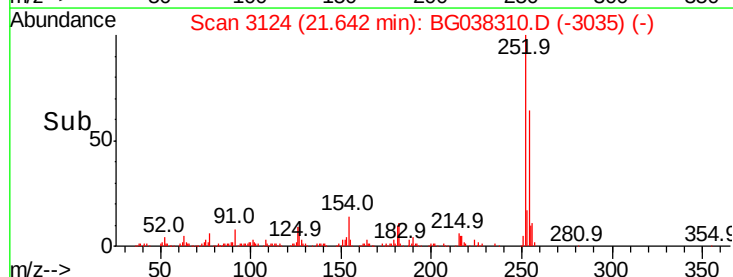
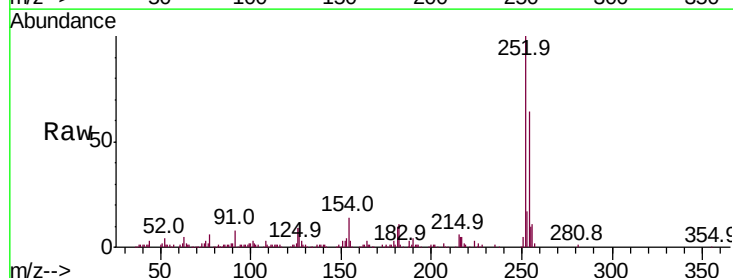
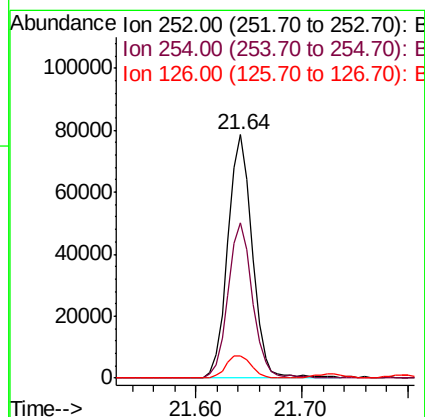
RT: 21.64 min Scan# 3124

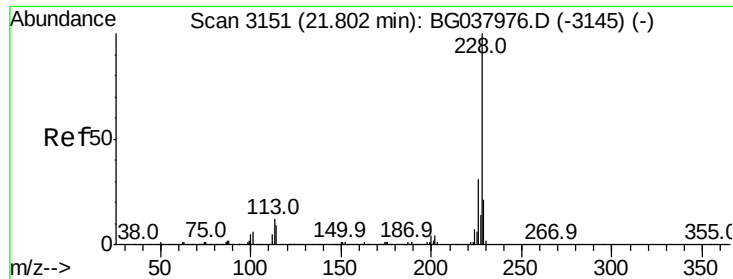
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	252	Resp:	125901
Ion Ratio	Lower	Upper	
252	100		
254	63.9	52.0	78.0
126	9.3	8.2	12.4





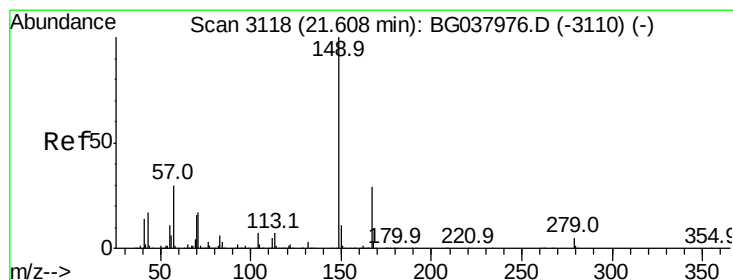
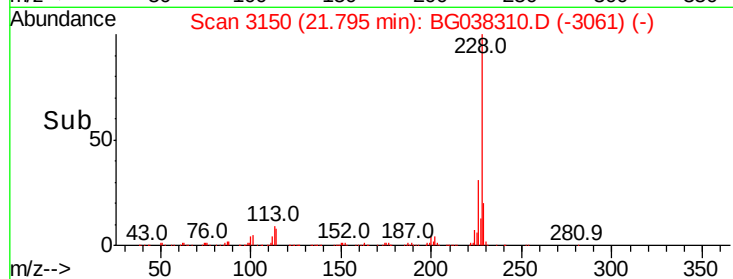
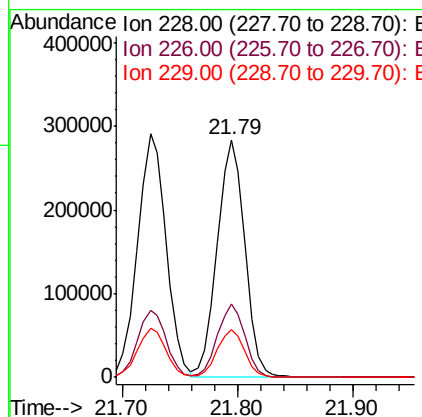
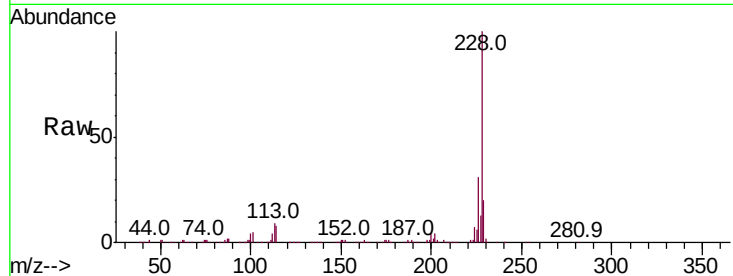
#83
 Chrysene
 Concen: 45.306 ng
 RT: 21.79 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	20.4	16.5	24.7

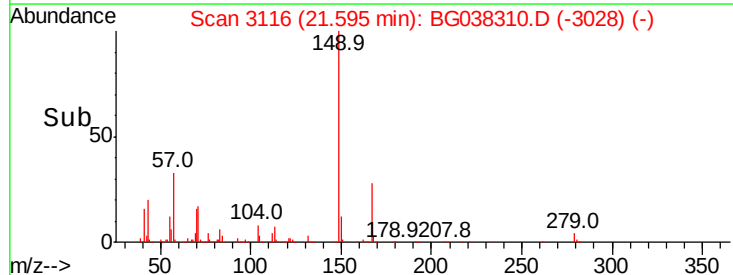
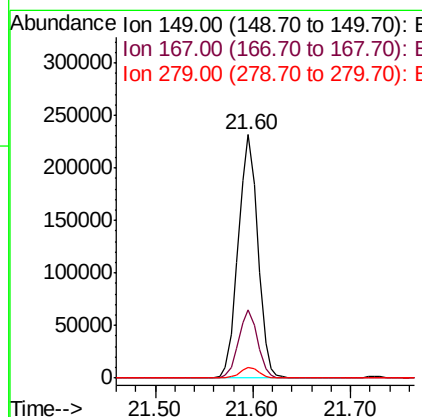
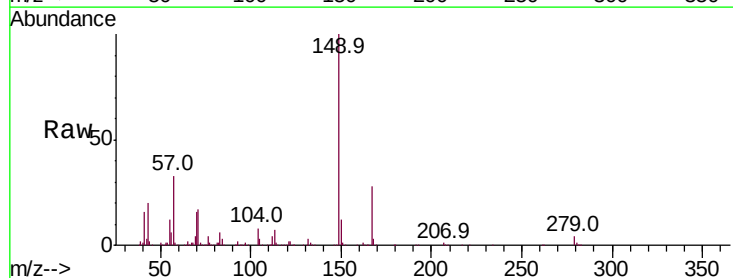
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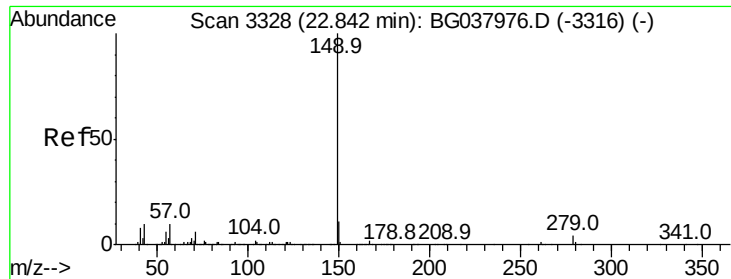
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.395 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG038310.D
 Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	4.3	3.6	5.4





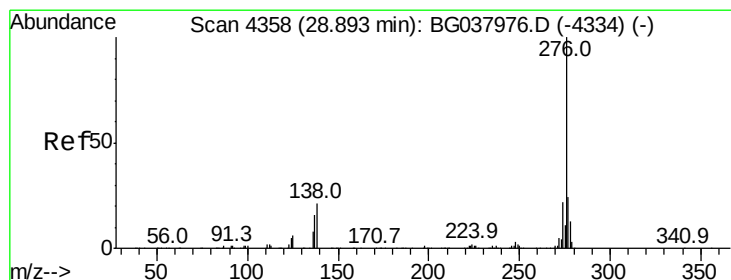
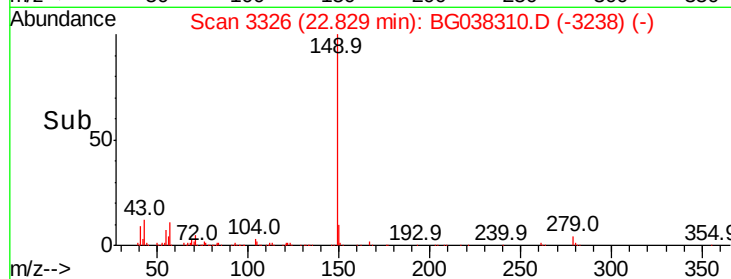
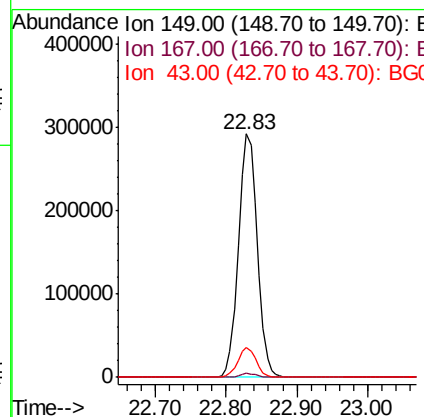
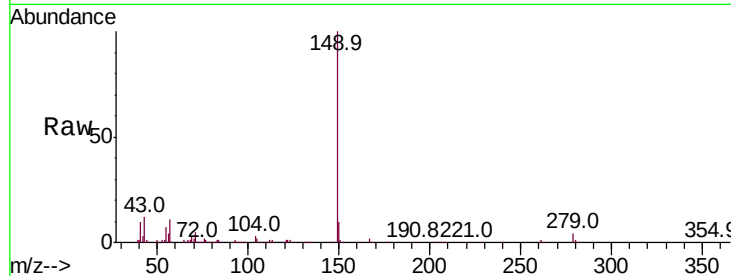
#85
Di-n-octyl phthalate
Concen: 45.794 ng
RT: 22.83 min Scan# 3326
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	539620		
167	1.5		1.3	1.9
43	11.7		8.7	13.1

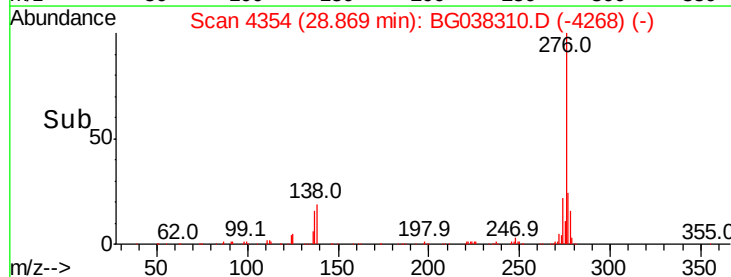
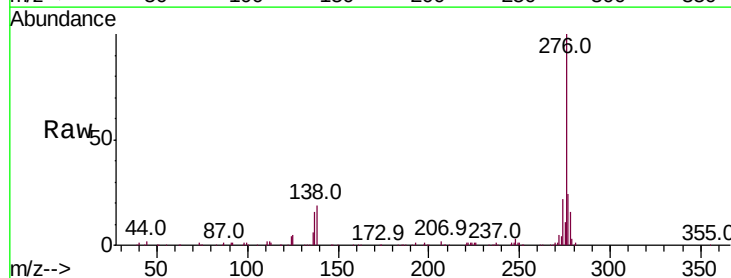
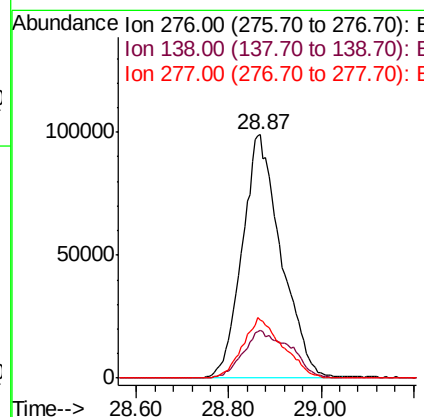
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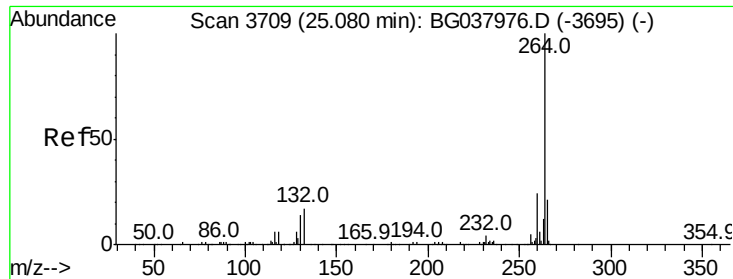
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.601 ng
RT: 28.87 min Scan# 4354
Delta R.T. -0.02 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	580450		
138	23.4		12.0	18.0#
277	25.3		20.6	30.8





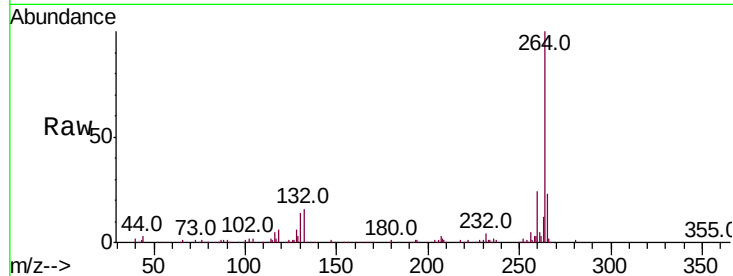
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.02 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

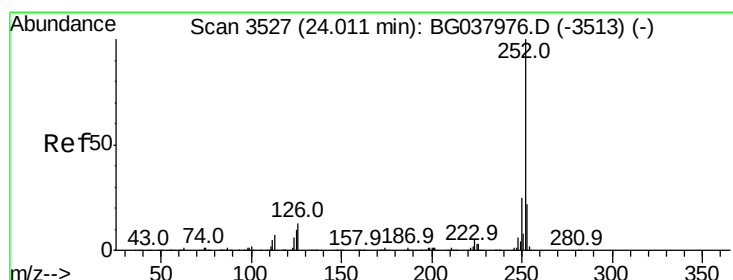
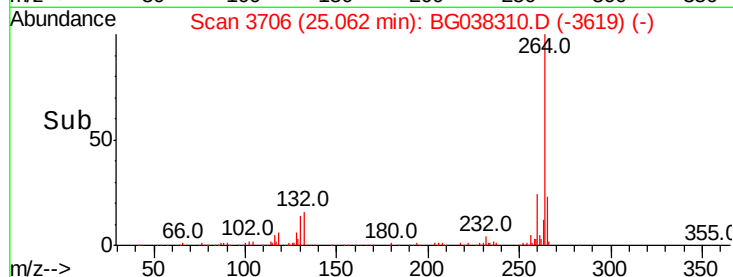
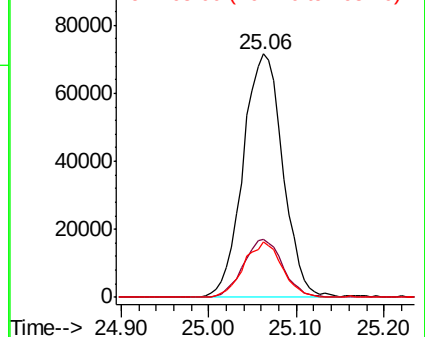
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.4
265	22.5	17.9	26.9

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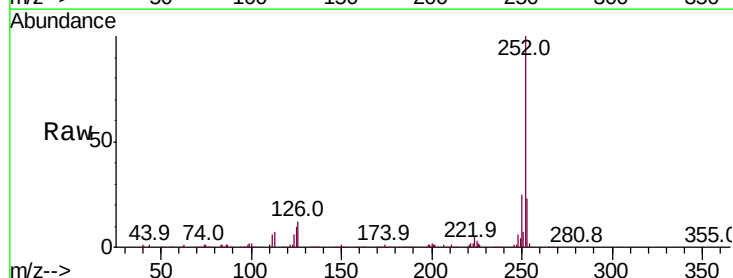


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

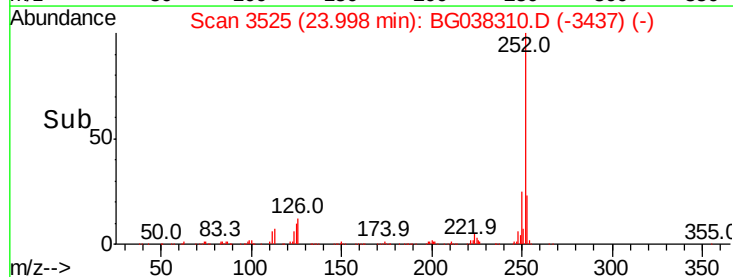
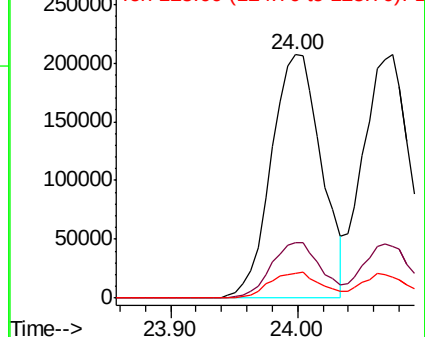


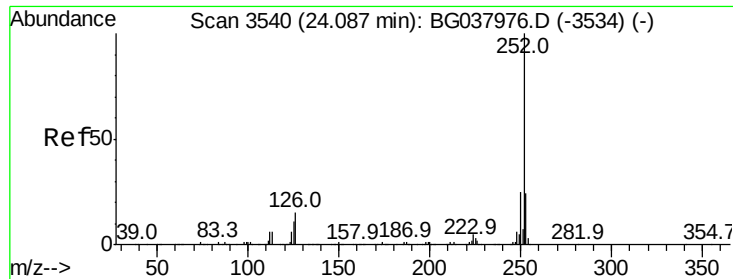
#88
Benzo(b)fluoranthene
Concen: 46.882 ng
RT: 24.00 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	10.1	7.8	11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.585 ng

RT: 24.07 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Instrument :

BNA_G

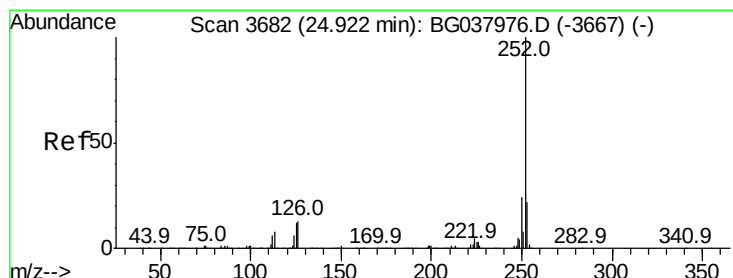
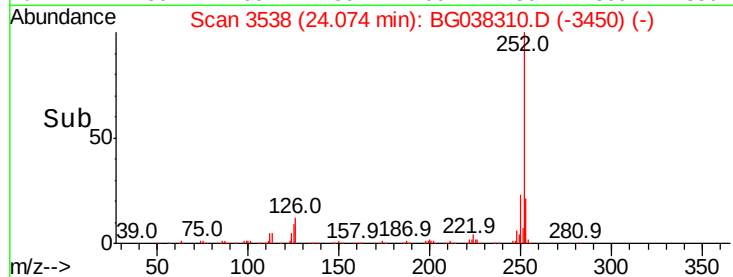
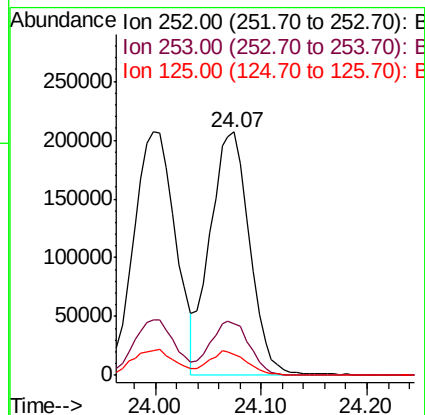
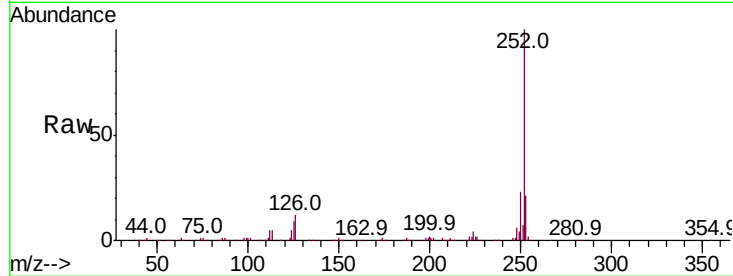
ClientSampleId :

S1-0-0.5-BGSMSD

Tot Ion:	252	Resp:	534760
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.4	26.2
125	8.8	7.4	11.0

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#90

Benzo(a)pyrene

Concen: 48.875 ng

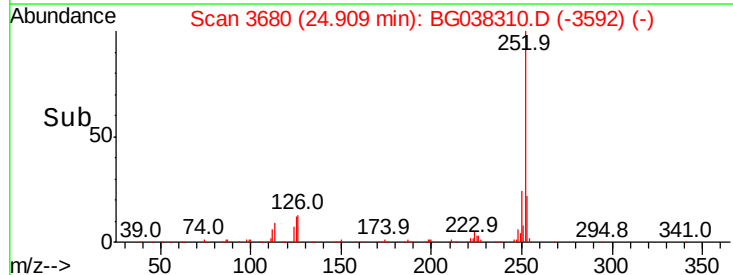
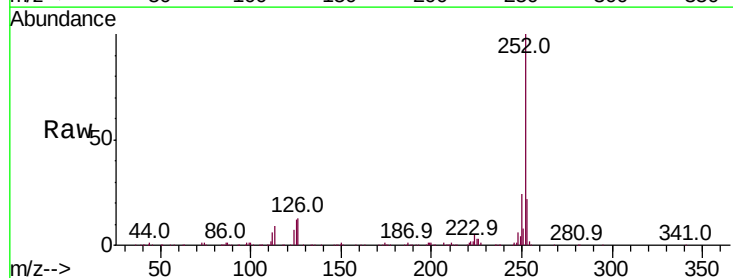
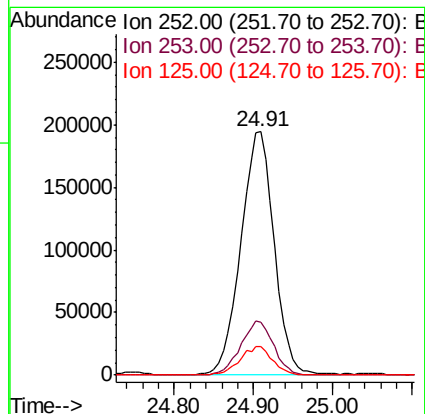
RT: 24.91 min Scan# 3680

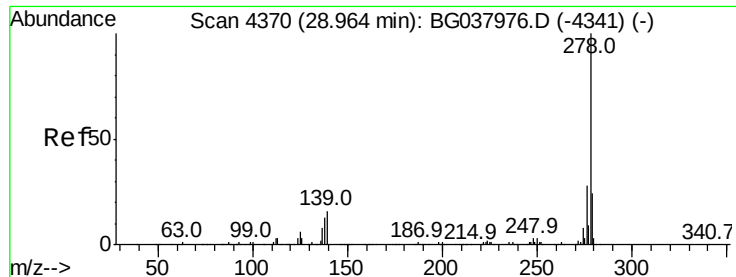
Delta R.T. -0.01 min

Lab File: BG038310.D

Acq: 3 Dec 2018 21:39

Tgt Ion:	252	Resp:	567749
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.4	26.2
125	11.5	9.0	13.6





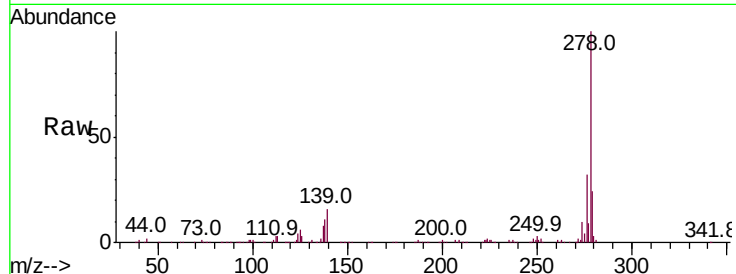
#91
Dibenzo(a,h)anthracene
Concen: 41.774 ng
RT: 28.93 min Scan# 4365
Delta R.T. -0.03 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

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

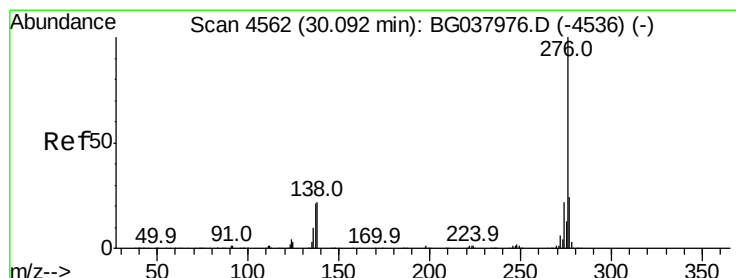
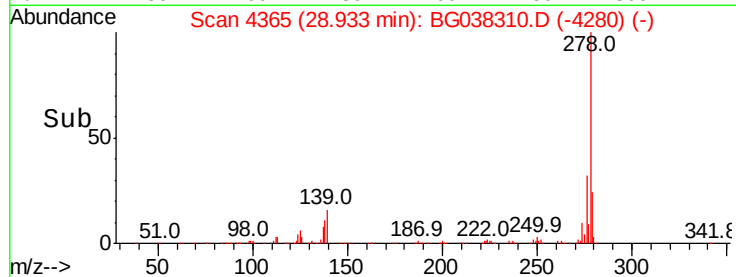
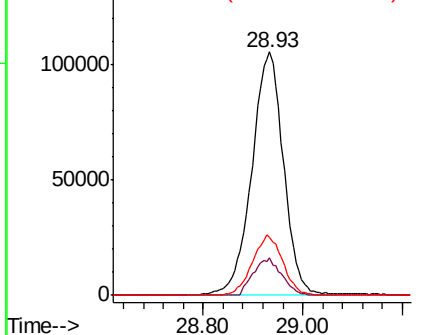
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.5	17.3
279	23.6	18.6	27.8

Manual Integrations
APPROVED

mohammad
12/4/2018 5:37:33 PM



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



#92
Benzo(g,h,i)perylene
Concen: 41.796 ng
RT: 30.07 min Scan# 4559
Delta R.T. -0.02 min
Lab File: BG038310.D
Acq: 3 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	18.6	17.2	25.8

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

