

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038286.D
 Acq On : 1 Dec 2018 14:08
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 12/3/2018 5:13:17 PM

Quant Time: Dec 03 06:25:21 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	52827	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	239011	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	154192	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	360360	20.00	ng	0.00
76) Chrysene-d12	21.75	240	338948	20.00	ng	0.00
87) Perylene-d12	25.06	264	356366	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	248951	81.37	ng	0.00
7) Phenol-d6	7.23	99	360338	82.50	ng	0.00
23) Nitrobenzene-d5	9.26	82	391647	87.72	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	162679	92.51	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	848224	80.14	ng	0.00
79) Terphenyl-d14	20.06	244	1204018	83.58	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	54505	37.714	ng	96
3) Pyridine	3.91	79	158463	38.438	ng	90
4) n-Nitrosodimethylamine	3.84	42	78425	52.436	ng	# 83
6) Aniline	7.41	93	237229	42.085	ng	98
8) 2-Chlorophenol	7.64	128	148960	41.958	ng	98
9) Benzaldehyde	7.22	77	109986	34.823	ng	99
10) Phenol	7.26	94	194248	41.989	ng	92
11) bis(2-Chloroethyl)ether	7.50	93	157708	41.758	ng	99
12) 1,3-Dichlorobenzene	7.96	146	167627	40.985	ng	95
13) 1,4-Dichlorobenzene	8.11	146	170465	41.260	ng	97
14) 1,2-Dichlorobenzene	8.43	146	159484	40.432	ng	99
15) Benzyl Alcohol	8.32	79	153845	48.681	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	355569m	50.702	ng	
17) 2-Methylphenol	8.51	107	134869	43.122	ng	94
18) Hexachloroethane	9.16	117	65085	43.286	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	139817	44.243	ng	95
20) 3+4-Methylphenols	8.85	107	192928	43.514	ng	95
22) Acetophenone	8.91	105	245910	41.352	ng	# 94
24) Nitrobenzene	9.30	77	196740	43.074	ng	95
25) Isophorone	9.82	82	351438	43.730	ng	98
26) 2-Nitrophenol	10.01	139	100142	43.918	ng	# 88
27) 2,4-Dimethylphenol	10.05	122	147789	43.018	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	213901	41.624	ng	97
29) 2,4-Dichlorophenol	10.54	162	166449	43.073	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	182247	42.086	ng	97
31) Naphthalene	10.95	128	479978	40.829	ng	100
32) Benzoic acid	10.24	122	107028	48.284	ng	95
33) 4-Chloroaniline	11.06	127	227455	41.595	ng	97
34) Hexachlorobutadiene	11.21	225	115120	43.195	ng	98
35) Caprolactam	11.87	113	71557	46.262	ng	# 86
36) 4-Chloro-3-methylphenol	12.17	107	188359	44.616	ng	98
37) 2-Methylnaphthalene	12.54	142	348619	41.285	ng	97
38) 1-Methylnaphthalene	12.77	142	338144	41.602	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	215383	41.802	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	114951	41.664	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	148841	42.393	ng	100
44) 2,4,5-Trichlorophenol	13.22	196	158425	42.884	ng	97
46) 1,1'-Biphenyl	13.55	154	522180	40.311	ng	99
47) 2-Chloronaphthalene	13.60	162	396863	40.149	ng	100
48) 2-Nitroaniline	13.81	65	146308	47.028	ng	96
49) Acenaphthylene	14.44	152	601569	40.470	ng	99
50) Dimethylphthalate	14.17	163	513155	41.979	ng	99
51) 2,6-Dinitrotoluene	14.30	165	118231	42.735	ng #	92
52) Acenaphthene	14.78	154	364597	40.742	ng	98
53) 3-Nitroaniline	14.64	138	131931	43.216	ng #	98
54) 2,4-Dinitrophenol	14.84	184	106405	72.276	ng #	80
55) Dibenzofuran	15.11	168	595078	40.215	ng	95
56) 4-Nitrophenol	14.93	139	109574	46.538	ng #	79
57) 2,4-Dinitrotoluene	15.08	165	165155	43.875	ng	95
58) Fluorene	15.76	166	449615	40.724	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	135502	43.834	ng	97
60) Diethylphthalate	15.52	149	548115	42.216	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	271102	41.965	ng	97
62) 4-Nitroaniline	15.80	138	130402	42.998	ng	90
63) Azobenzene	16.04	77	494601	42.606	ng	94
65) 4,6-Dinitro-2-methylphenol	15.85	198	108959	47.804	ng	95
66) n-Nitrosodiphenylamine	15.97	169	444348	40.759	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	171517	43.364	ng	98
68) Hexachlorobenzene	16.76	284	177298	43.427	ng	98
69) Atrazine	16.91	200	167264	41.620	ng	99
70) Pentachlorophenol	17.10	266	135353	48.815	ng	97
71) Phenanthrene	17.50	178	744186	40.335	ng	100
72) Anthracene	17.60	178	748416	41.152	ng	98
73) Carbazole	17.87	167	754923	41.373	ng	99
74) Di-n-butylphthalate	18.40	149	857949	41.887	ng	99
75) Fluoranthene	19.51	202	882652	41.931	ng	99
77) Benzidine	19.69	184	483338	40.639	ng	99
78) Pyrene	19.88	202	889855	40.155	ng	99
80) Butylbenzylphthalate	20.74	149	407283	42.026	ng	97
81) Benzo(a)anthracene	21.73	228	847130	41.358	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	342748	42.957	ng	98
83) Chrysene	21.80	228	804615	41.056	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	576578	41.719	ng	98
85) Di-n-octyl phthalate	22.83	149	955115	42.717	ng	96
86) Indeno(1,2,3-cd)pyrene	28.88	276	945121	43.422	ng #	94
88) Benzo(b)fluoranthene	24.00	252	838191	42.741	ng	99
89) Benzo(k)fluoranthene	24.07	252	808661	41.789	ng	97
90) Benzo(a)pyrene	24.91	252	806779	43.047	ng	98
91) Dibenzo(a,h)anthracene	28.94	278	780207	43.266	ng	97
92) Benzo(g,h,i)perylene	30.08	276	776130	43.286	ng	97

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

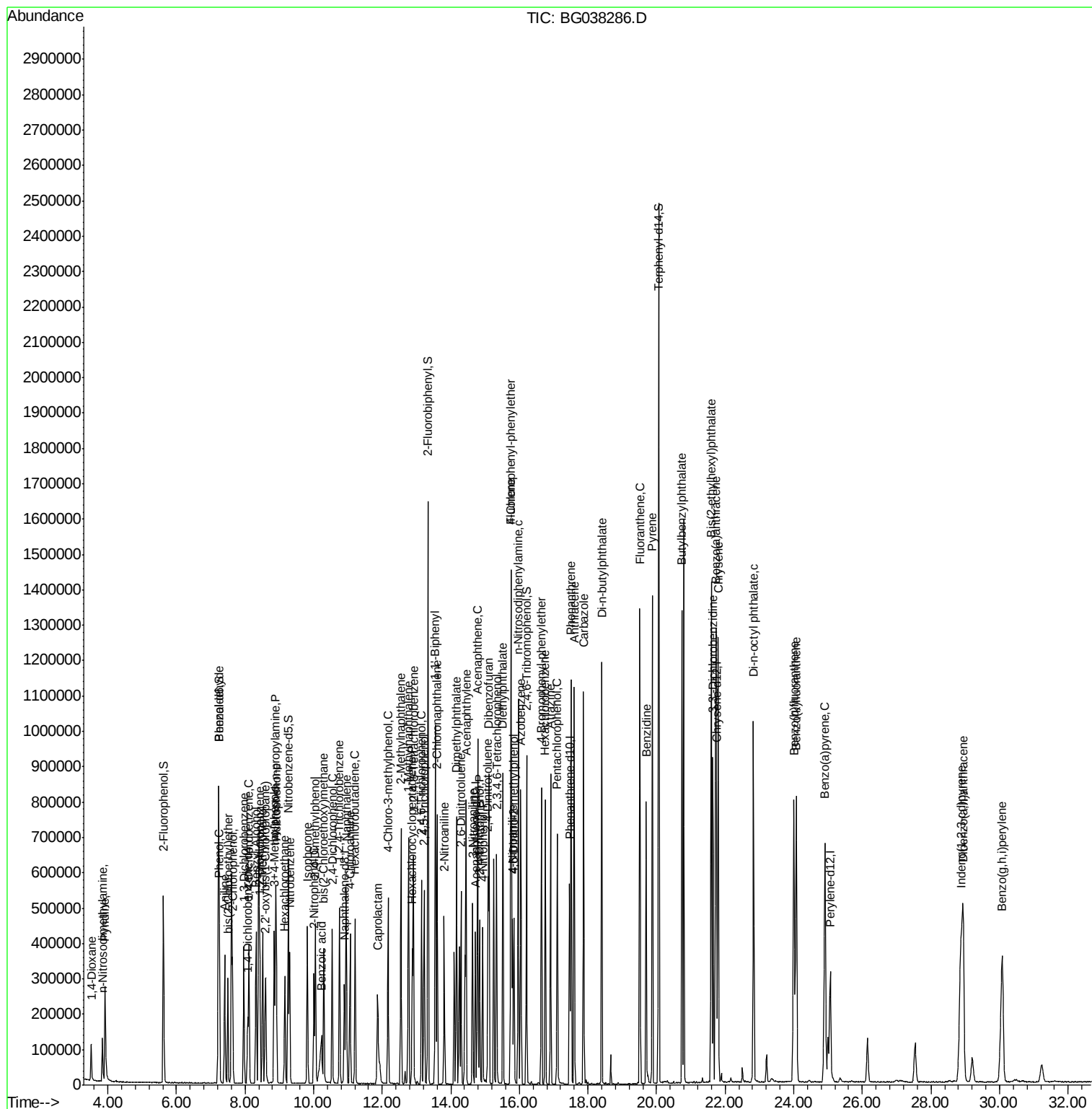
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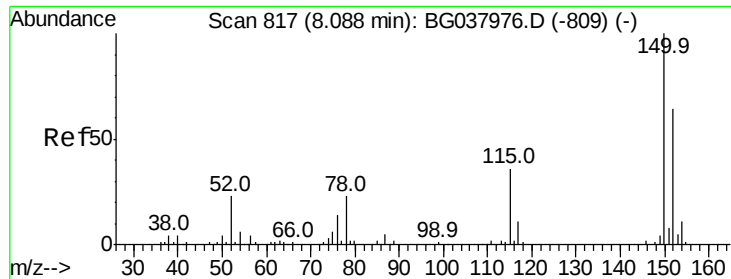
Instrument :
BNA_G
ClientSampleID :
SSTDCCC040

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#1

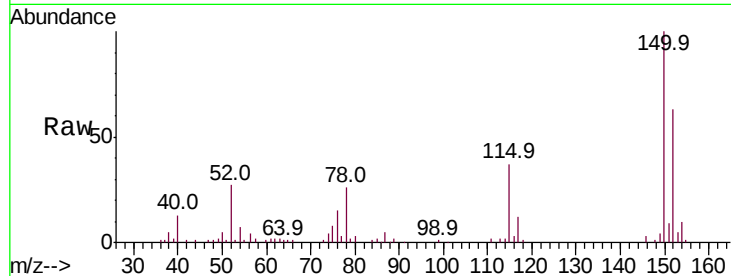
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.0	189.0
115	58.5	45.5	68.3

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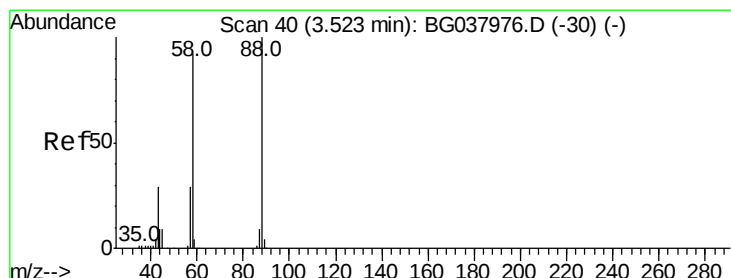
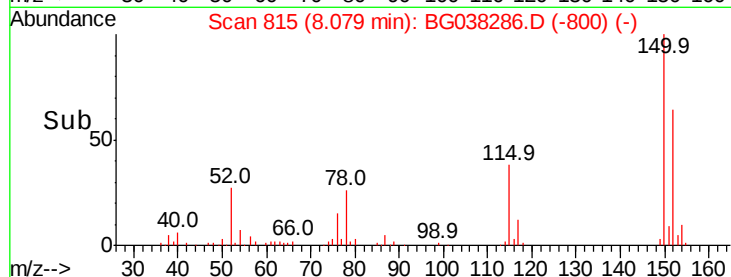
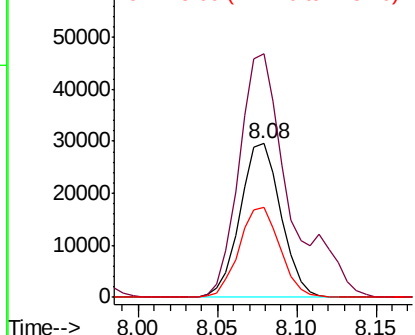


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

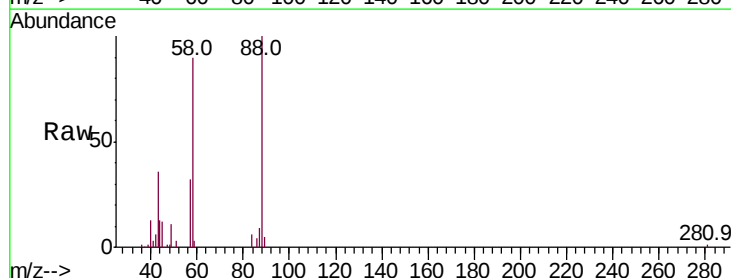
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.714 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.4	74.4	111.6
43	38.4	25.8	38.8

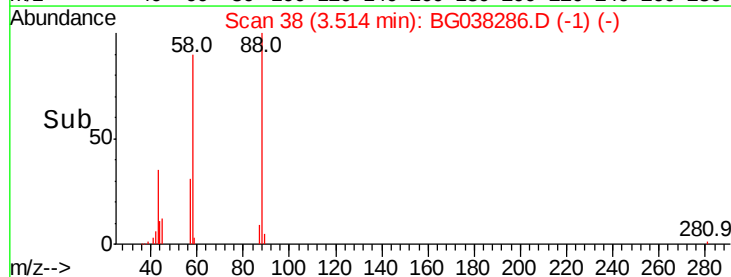
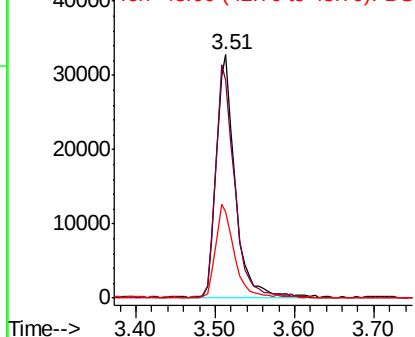


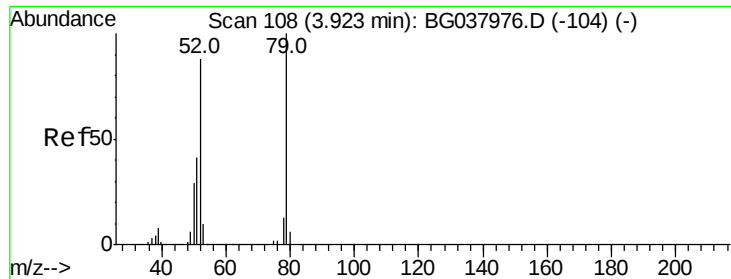
Abundance

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: 38.438 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

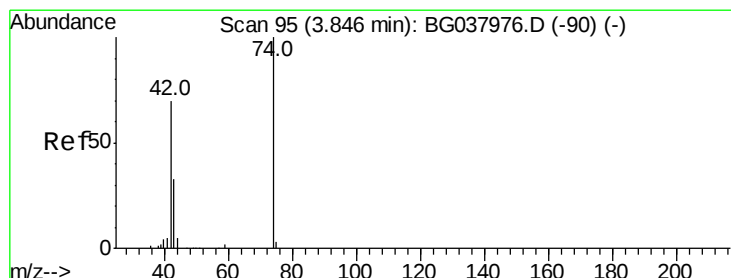
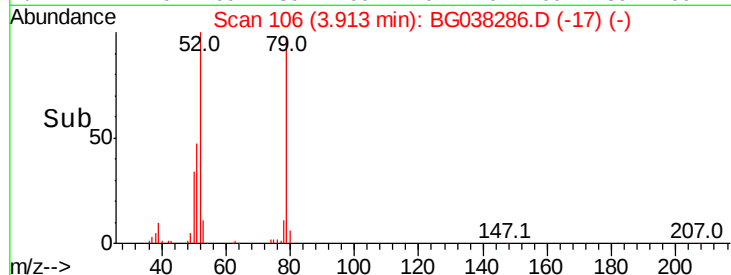
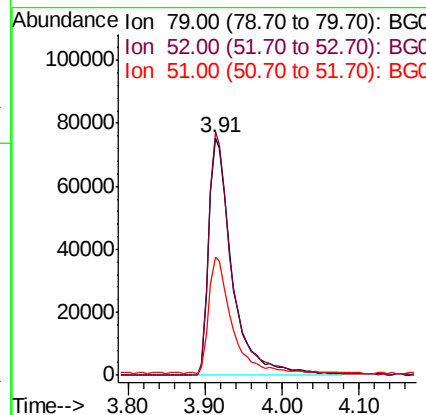
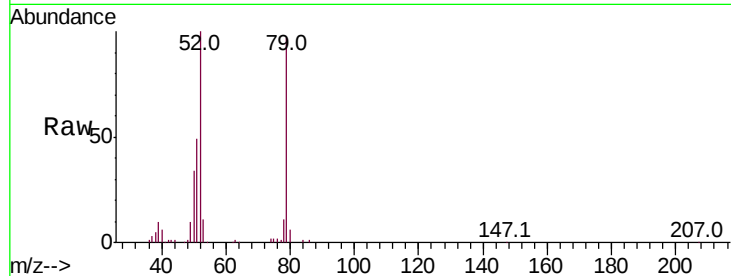
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	158463
Ion	Ratio	Lower	Upper
79	100		
52	102.6	74.2	111.2
51	49.9	34.6	51.8

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#4

n-Nitrosodimethylamine

Concen: 52.436 ng

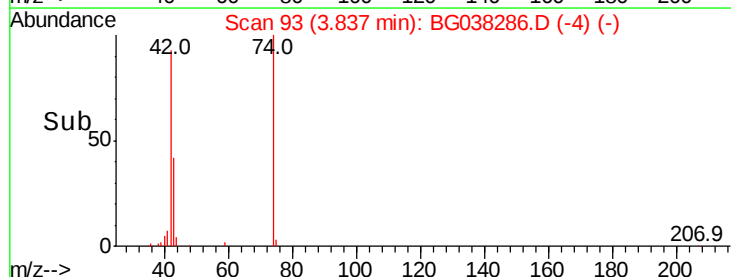
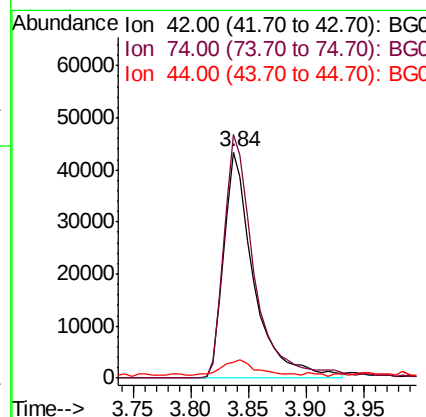
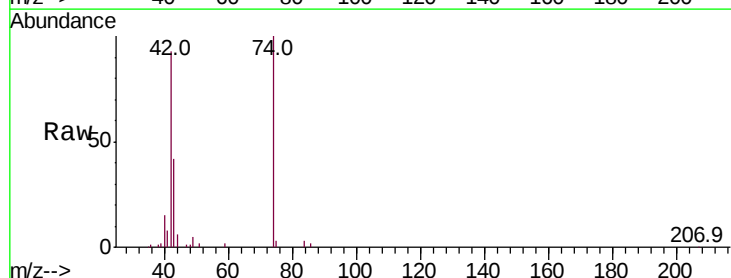
RT: 3.84 min Scan# 93

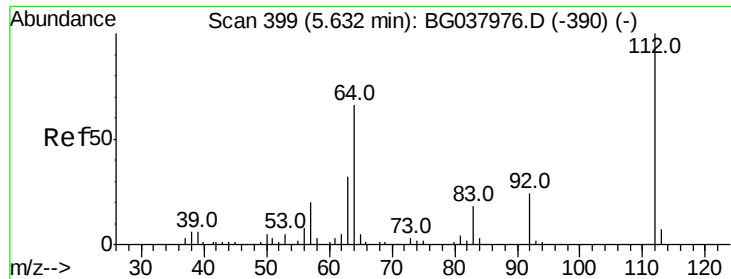
Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Tgt Ion:	42	Resp:	78425
Ion	Ratio	Lower	Upper
42	100		
74	107.8	102.0	153.0
44	7.0	9.6	14.4#





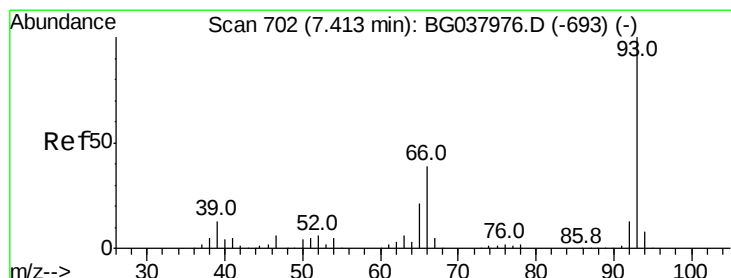
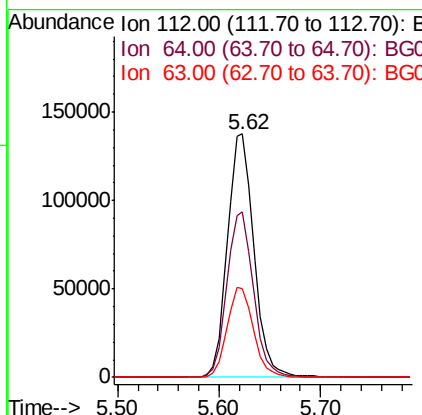
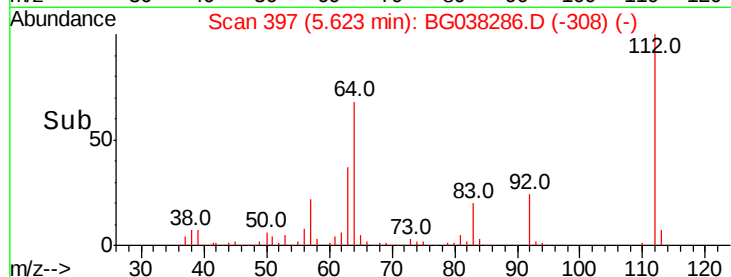
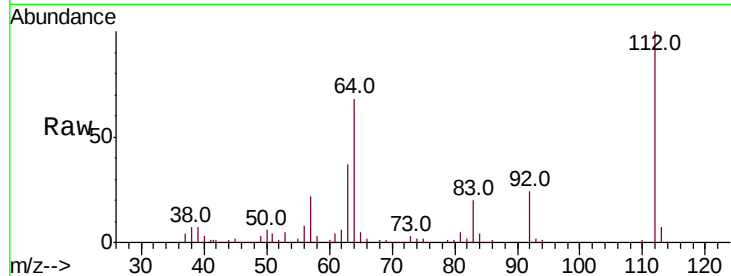
#5
 2-Fluorophenol
 Concen: 81.366 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:	112	Resp:	248951
Ion Ratio	Lower	Upper	
112	100		
64	67.9	53.1	79.7
63	36.6	27.3	40.9

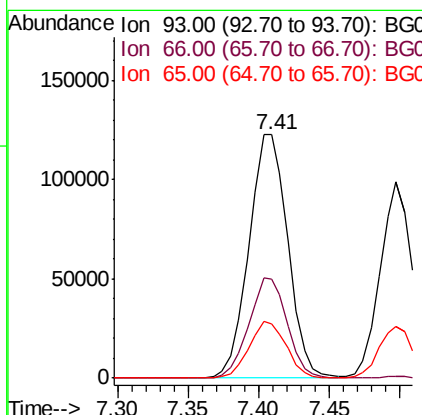
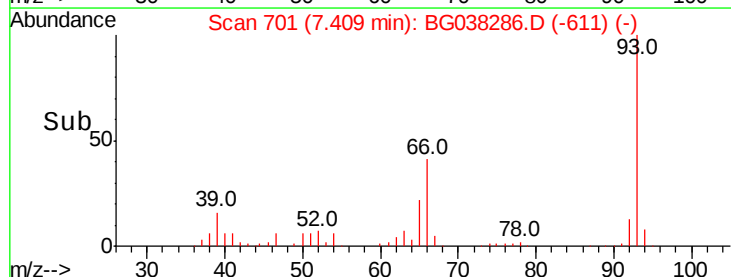
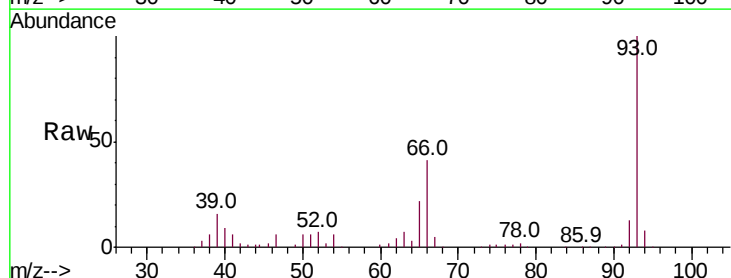
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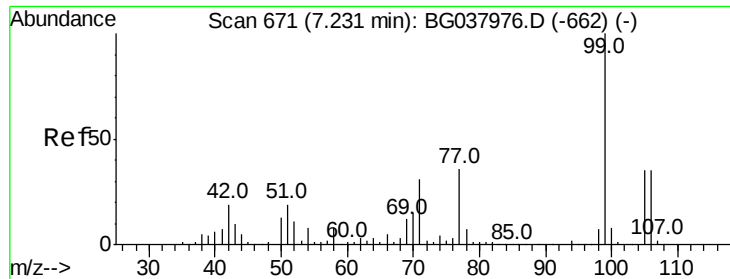
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#6
 Aniline
 Concen: 42.085 ng
 RT: 7.41 min Scan# 701
 Delta R.T. -0.00 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion:	93	Resp:	237229
Ion Ratio	Lower	Upper	
93	100		
66	40.7	32.8	49.2
65	22.4	16.4	24.6





#7

Phenol-d6

Concen: 82.505 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 360338

Ion Ratio Lower Upper

99 100

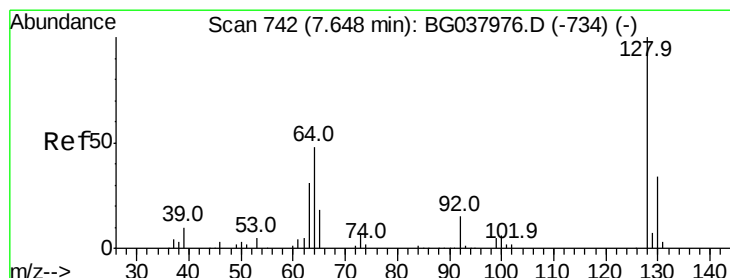
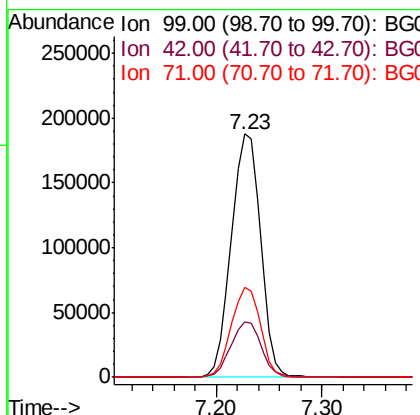
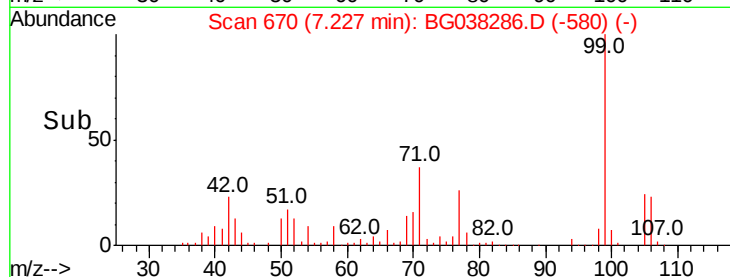
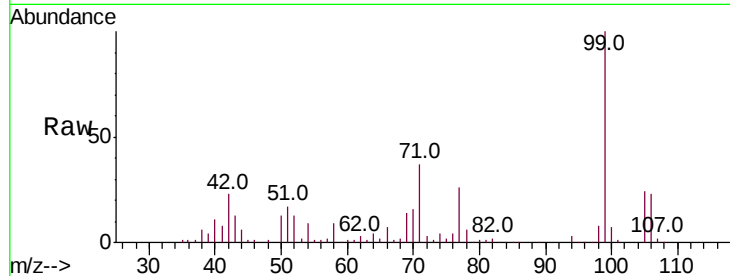
42 22.8 15.0 22.4#

71 36.9 25.5 38.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.958 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

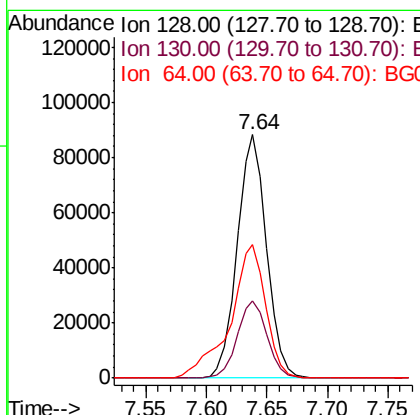
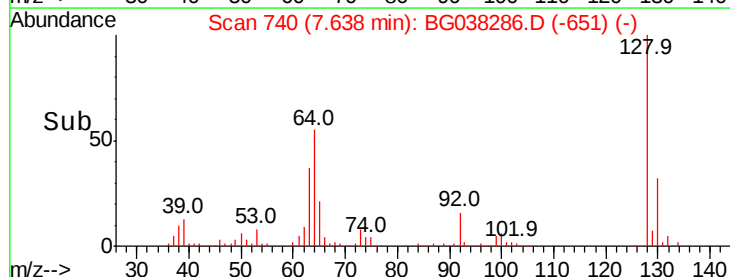
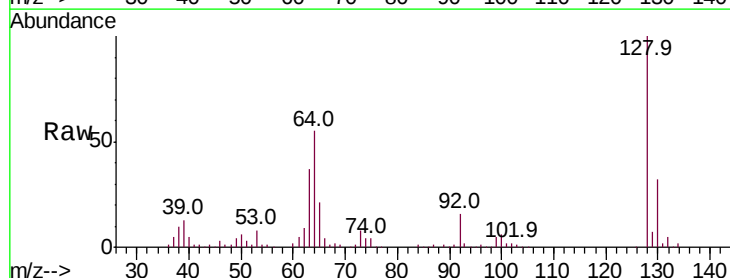
Tgt Ion: 128 Resp: 148960

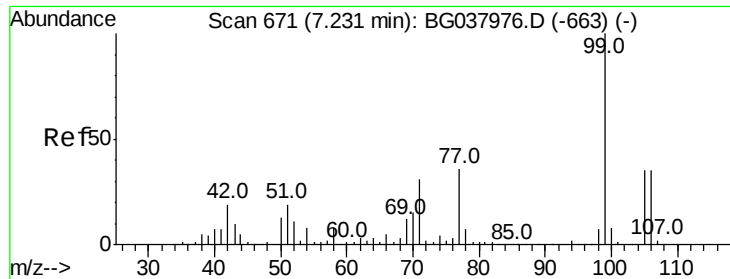
Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

64 54.8 32.9 72.9





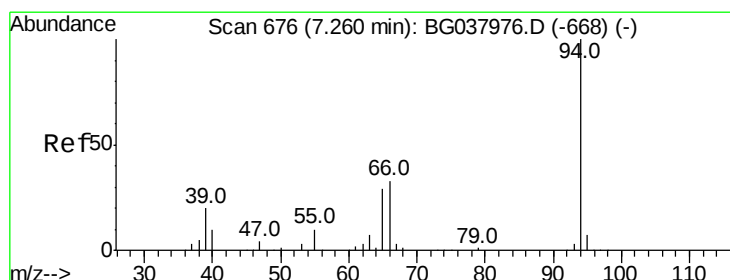
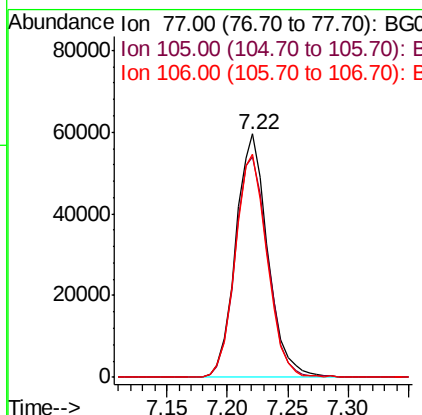
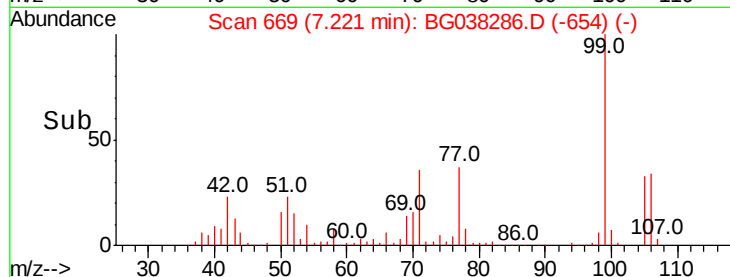
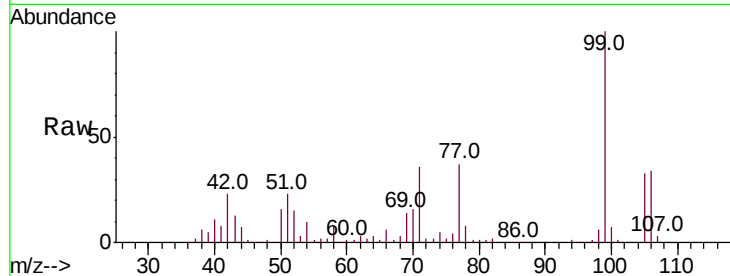
#9
Benzaldehyde
Concen: 34.823 ng
RT: 7.22 min Scan# 669
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.3	72.6	112.6
106	91.7	71.3	111.3

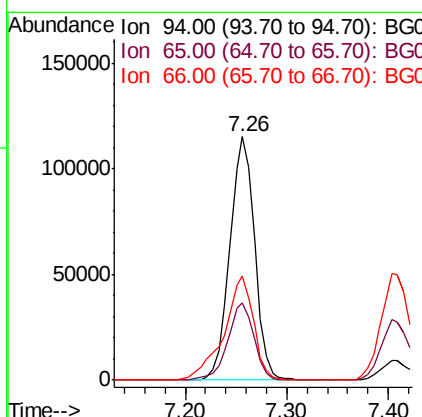
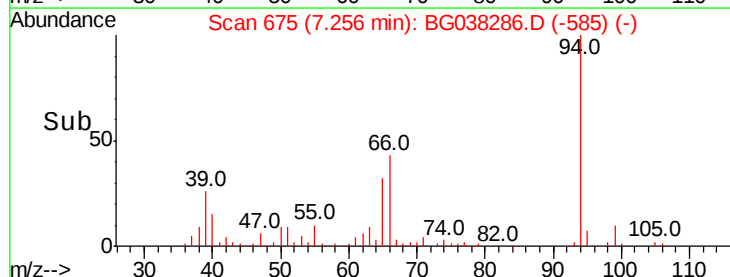
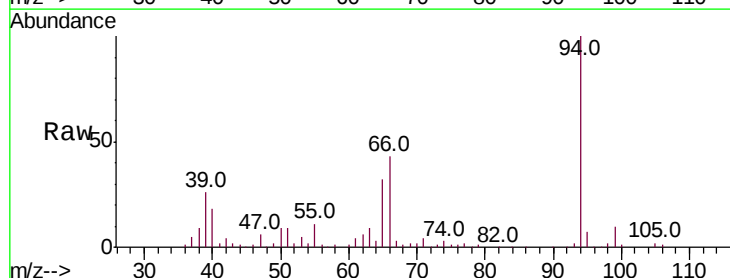
Manual Integrations
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#10
Phenol
Concen: 41.989 ng
RT: 7.26 min Scan# 675
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.8	9.7	49.7
66	42.8	15.9	55.9





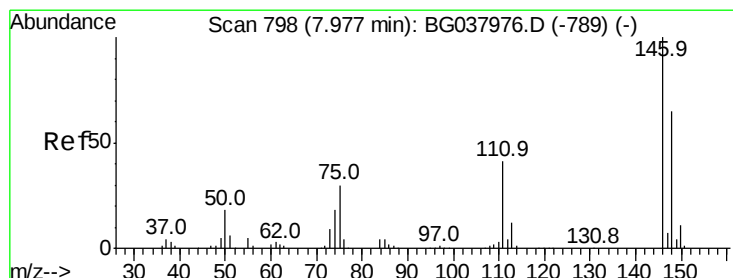
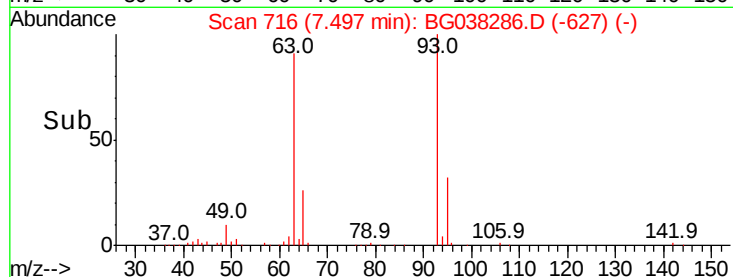
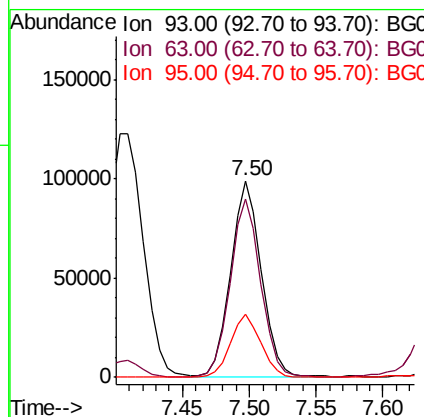
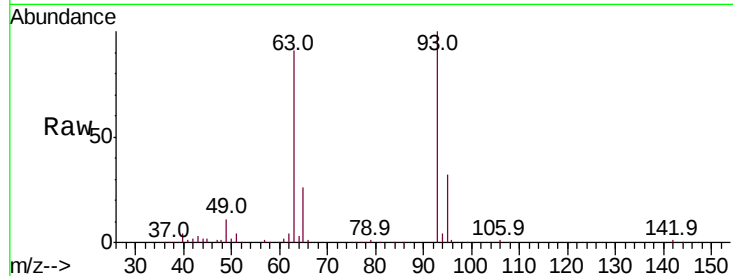
#11
bis(2-Chloroethyl)ether
Concen: 41.758 ng
RT: 7.50 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.6	69.5	109.5
95	32.2	12.6	52.6

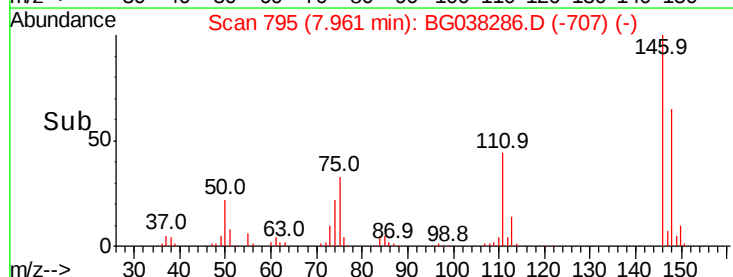
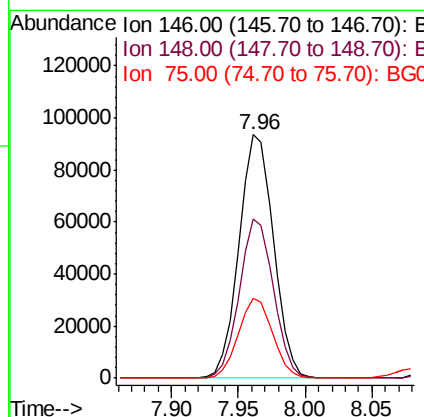
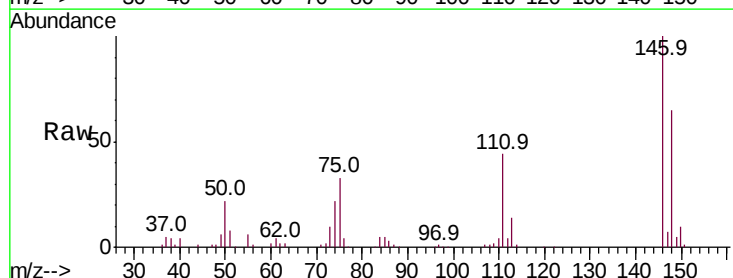
Manual Integrations
APPROVED

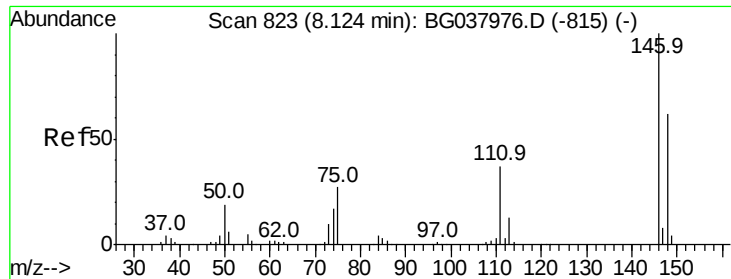
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#12
1,3-Dichlorobenzene
Concen: 40.985 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.02 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.8	74.8
75	32.6	23.2	34.8





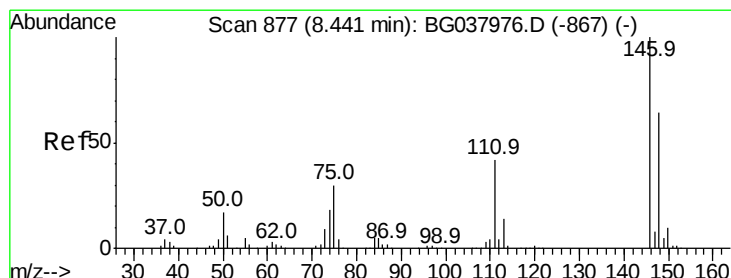
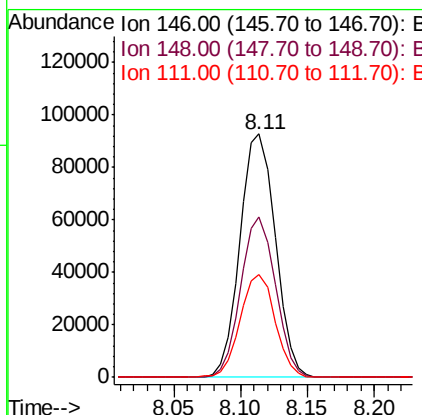
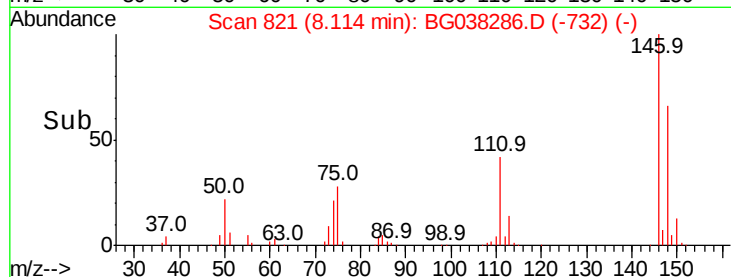
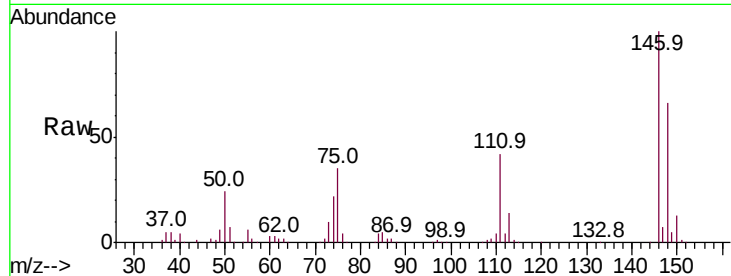
#13
 1,4-Dichlorobenzene
 Concen: 41.260 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.0	76.6
111	42.1	32.4	48.6

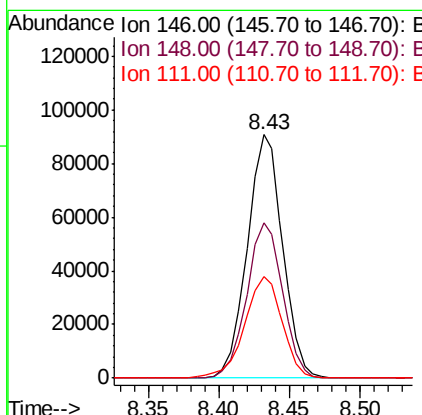
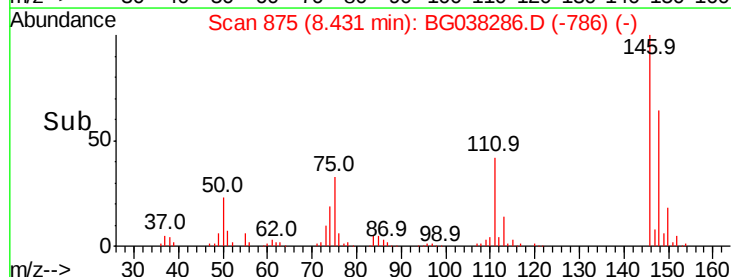
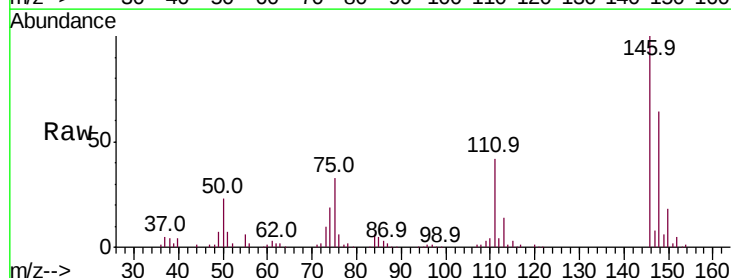
Manual Integrations
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#14
 1,2-Dichlorobenzene
 Concen: 40.432 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	41.9	34.6	51.8





#15

Benzyl Alcohol

Concen: 48.681 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

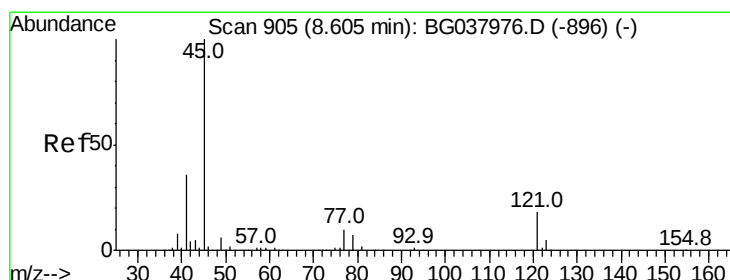
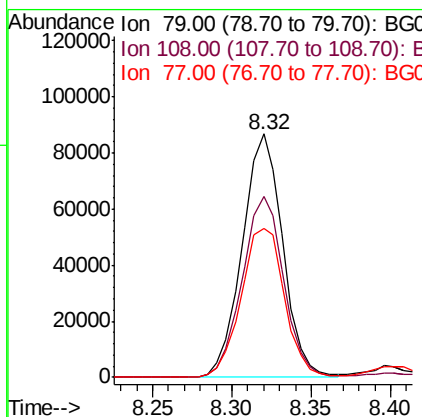
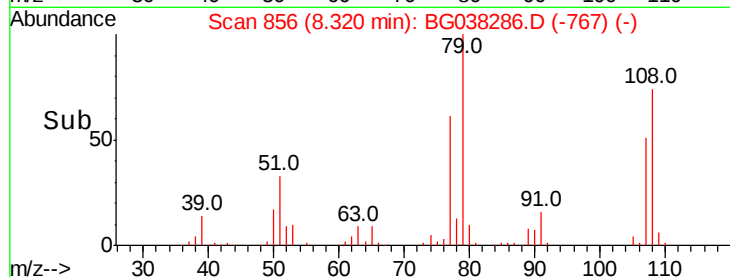
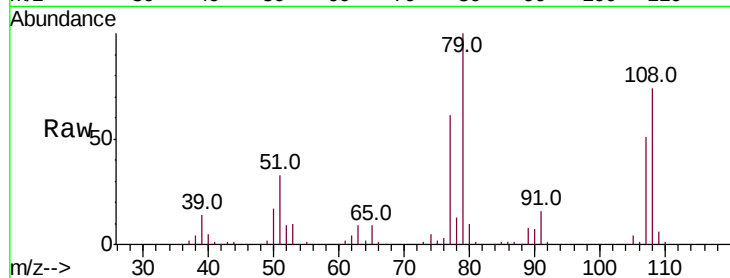
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	153845
Ion Ratio	Lower	Upper	
79	100		
108	74.5	65.8	98.8
77	61.3	52.9	79.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.702 ng m

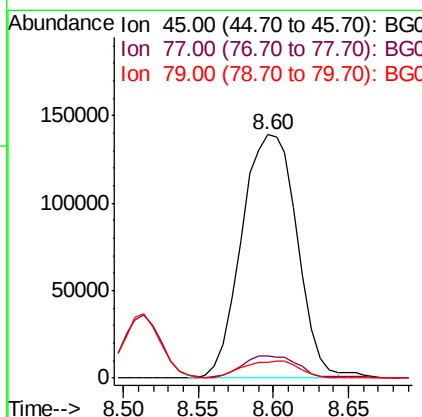
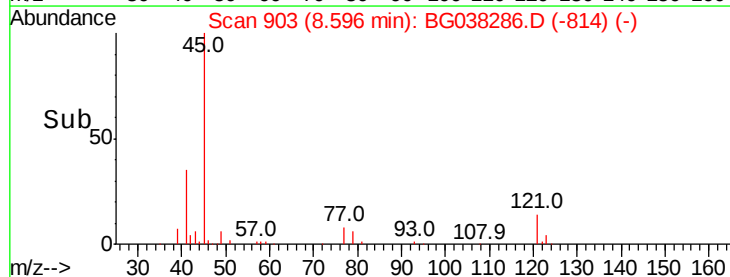
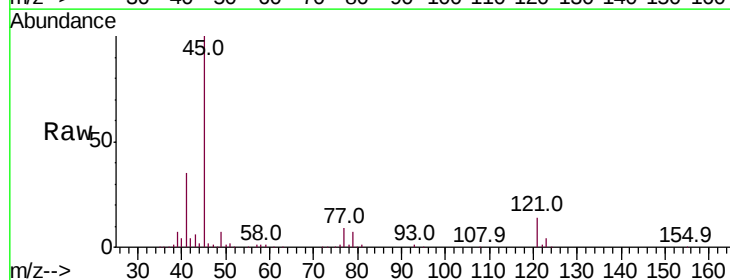
RT: 8.60 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Tgt Ion:	45	Resp:	355569
Ion Ratio	Lower	Upper	
45	100		
77	9.2	0.0	30.0
79	6.7	0.0	29.0





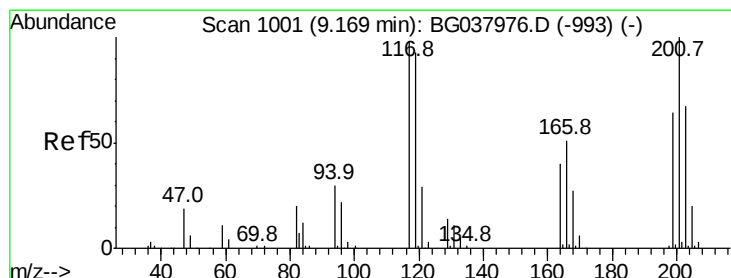
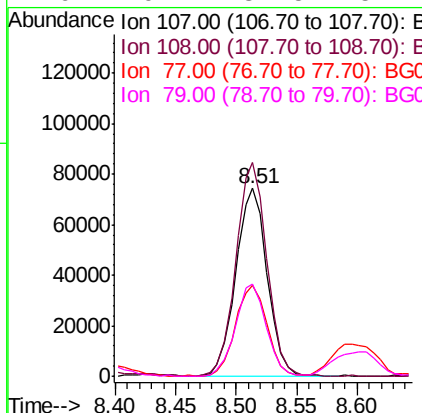
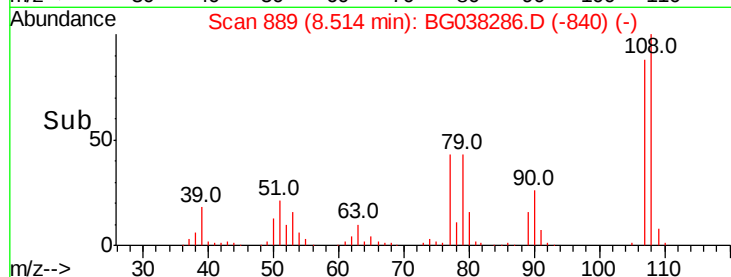
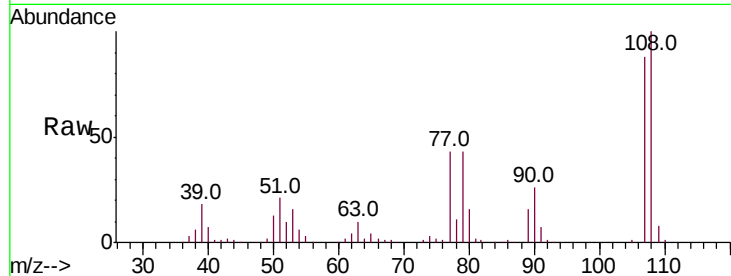
#17
2-Methylphenol
Concen: 43.122 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	87.9	131.9	
77	48.6	35.1	52.7	
79	49.1	34.5	51.7	

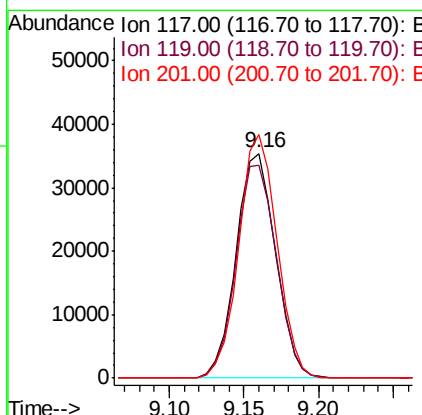
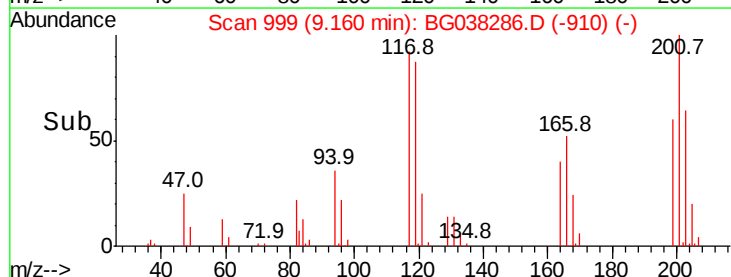
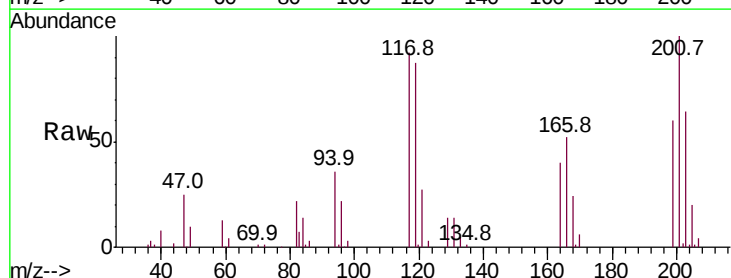
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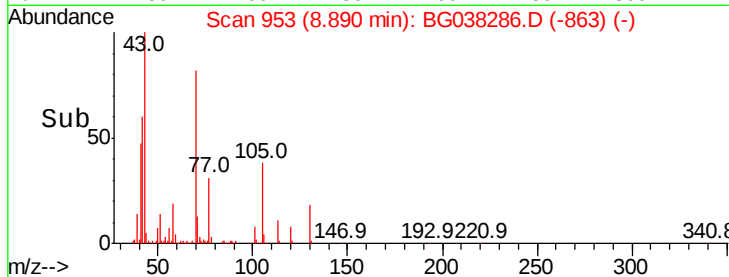
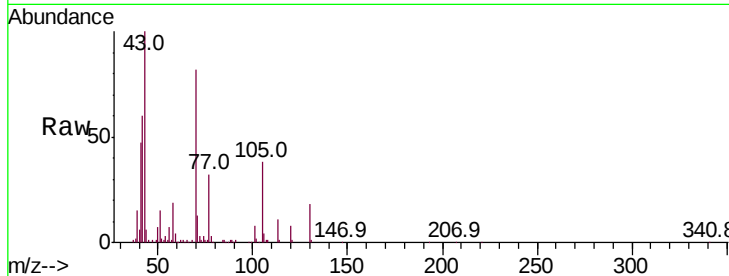
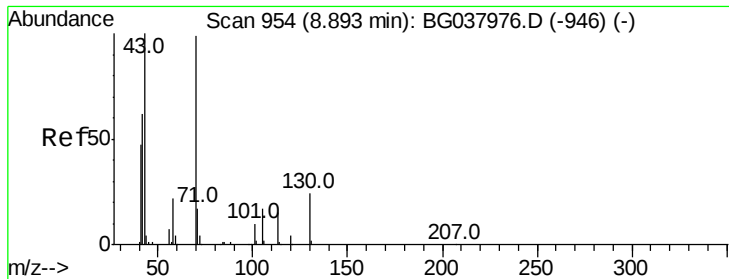
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#18
Hexachloroethane
Concen: 43.286 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.7	74.6	111.8	
201	108.3	80.8	121.2	





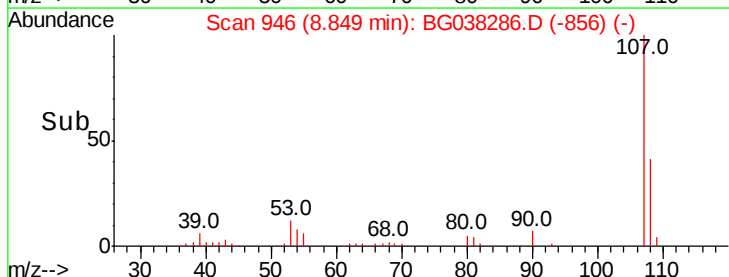
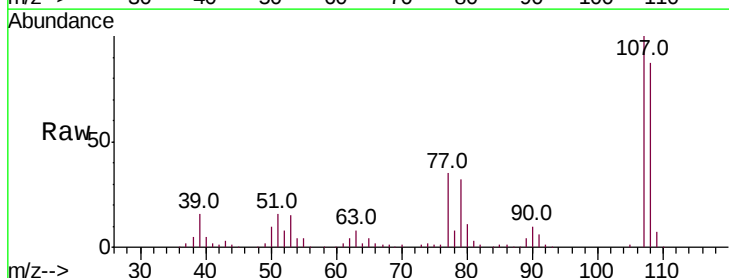
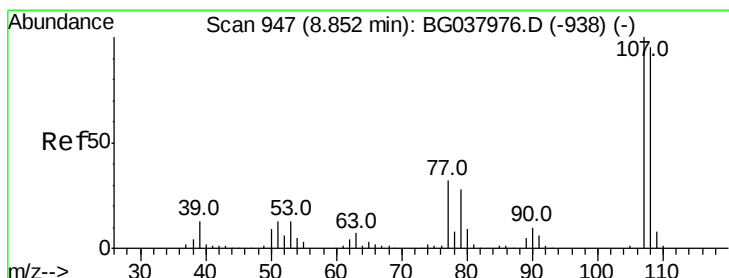
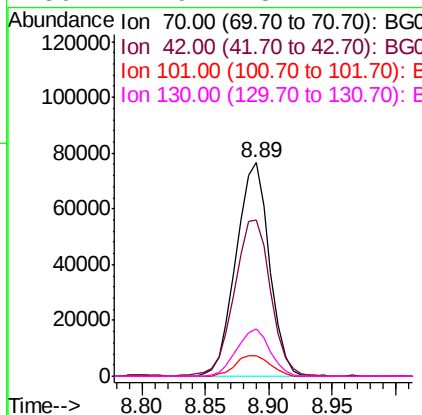
#19
n-Nitroso-di-n-propylamine
Concen: 44.243 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.3	53.9	80.9
101	9.8	8.2	12.2
130	21.9	18.2	27.4

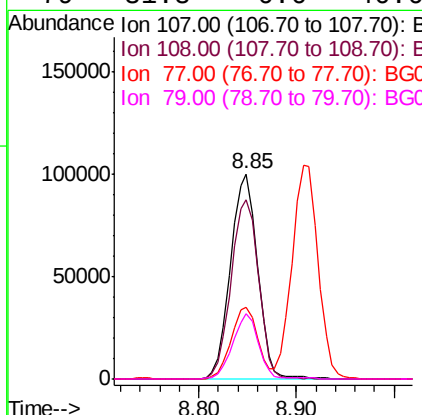
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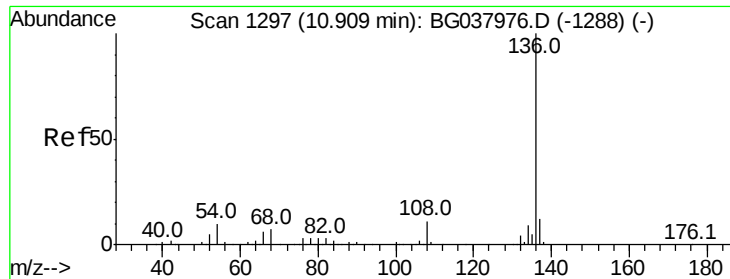
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#20
3+4-Methylphenols
Concen: 43.514 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.9	109.9
77	34.7	11.2	51.2
79	31.8	6.6	46.6





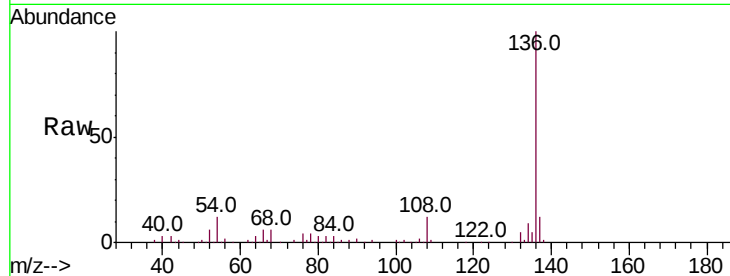
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

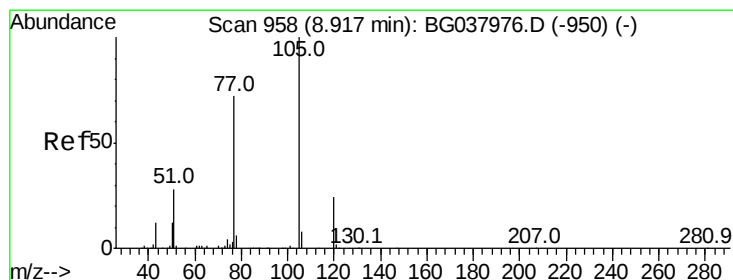
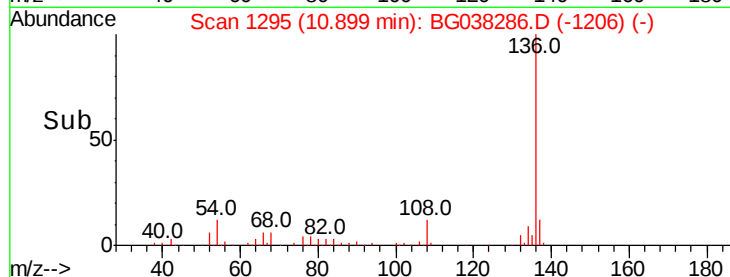
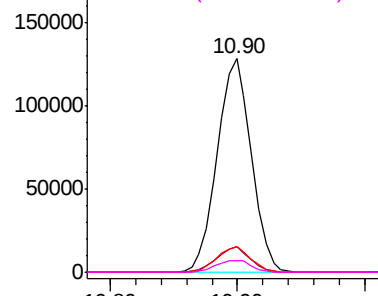
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	9.6	14.4	
54	12.1	7.9	11.9	
68	5.7	4.8	7.2	

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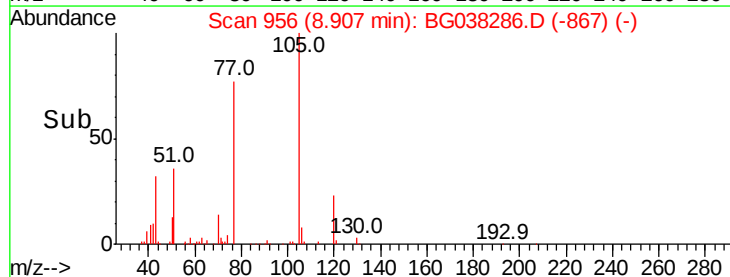
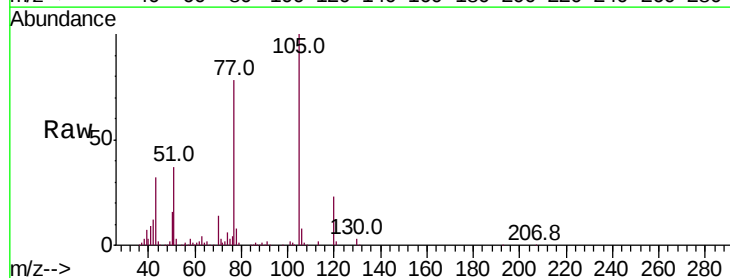
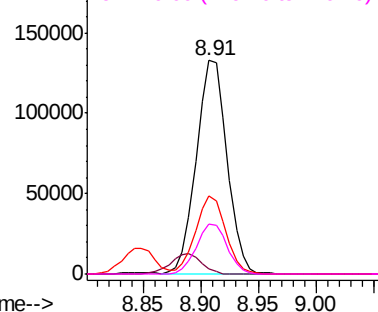
Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.352 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.6	1.2	1.8	
51	36.8	25.0	37.6	
120	23.3	18.6	28.0	

Abundance Ion 105.00 (104.70 to 105.70): E
200000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





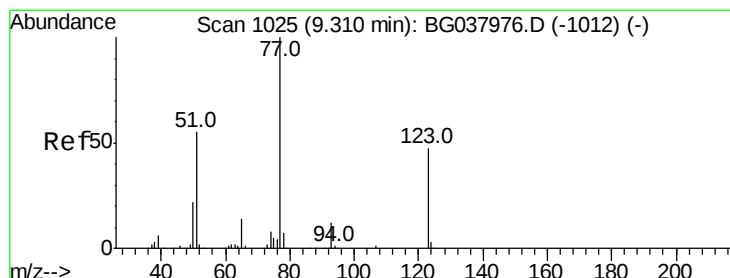
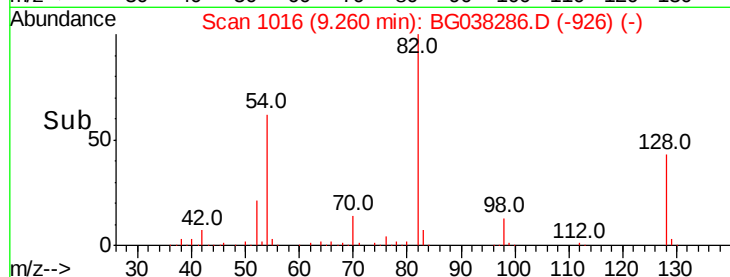
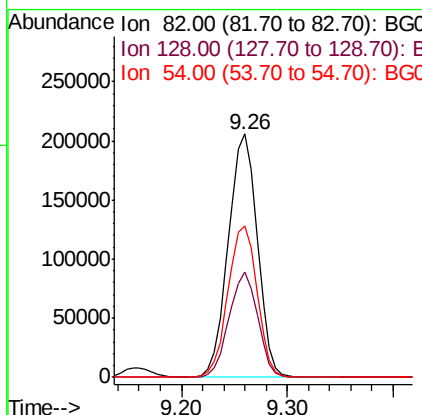
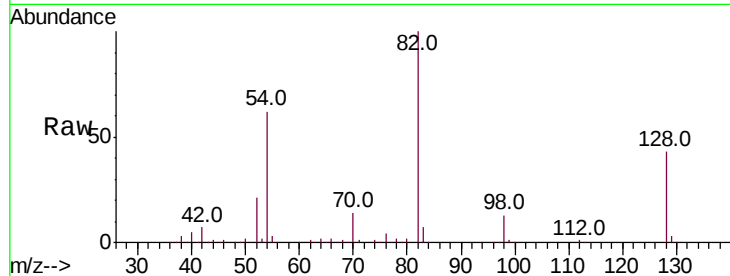
#23
Nitrobenzene-d5
Concen: 87.716 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	62.0	45.3	67.9

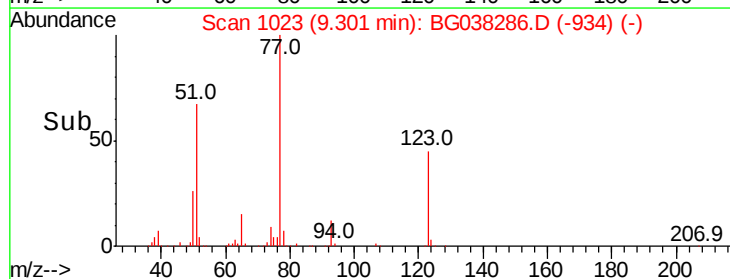
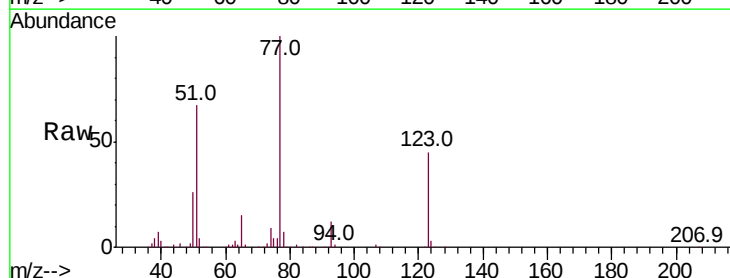
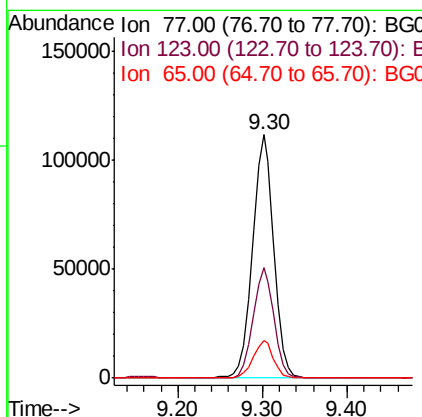
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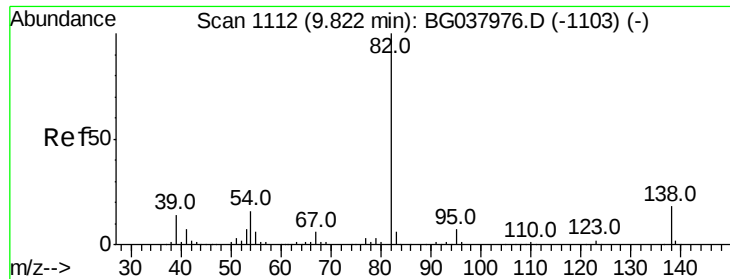
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#24
Nitrobenzene
Concen: 43.074 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	33.6	50.4
65	15.4	11.3	16.9





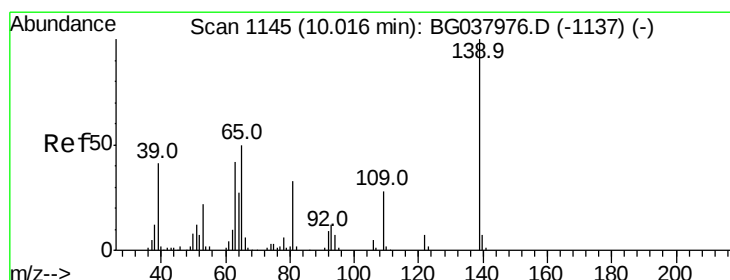
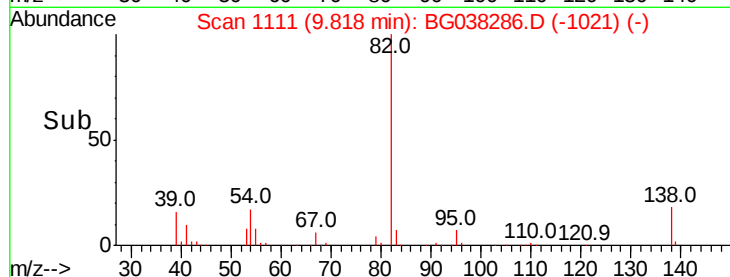
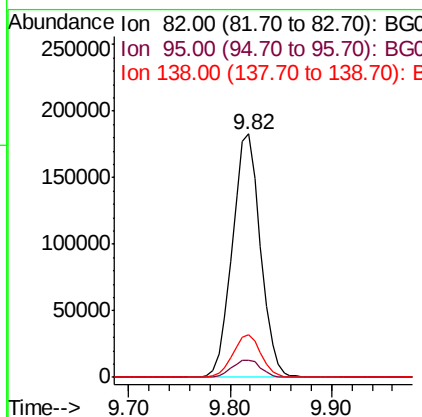
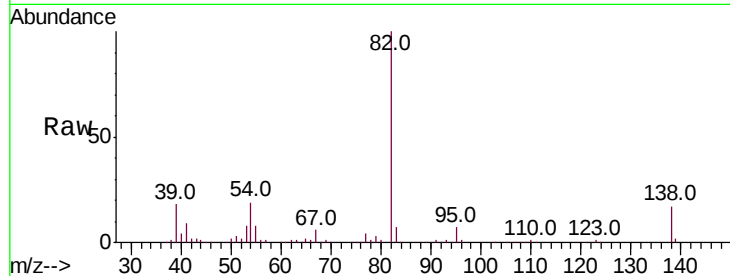
#25
Isophorone
Concen: 43.730 ng
RT: 9.82 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.3	7.9
138	17.4	13.3	19.9

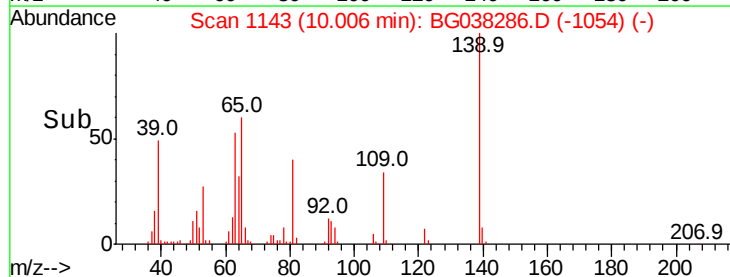
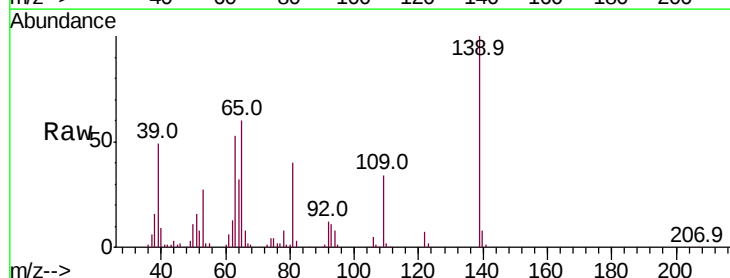
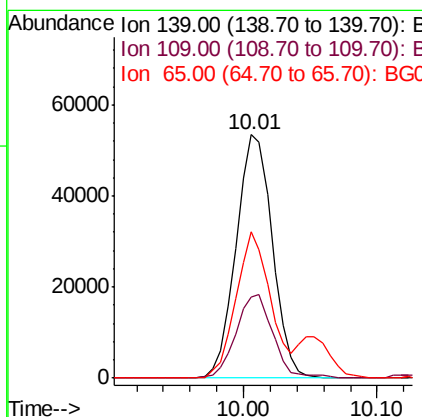
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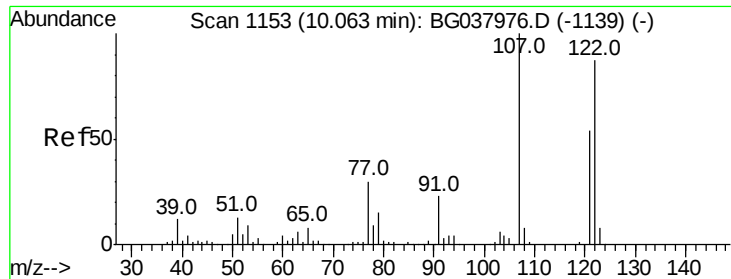
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#26
2-Nitrophenol
Concen: 43.918 ng
RT: 10.01 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	33.5	23.3	34.9
65	60.1	39.8	59.8#





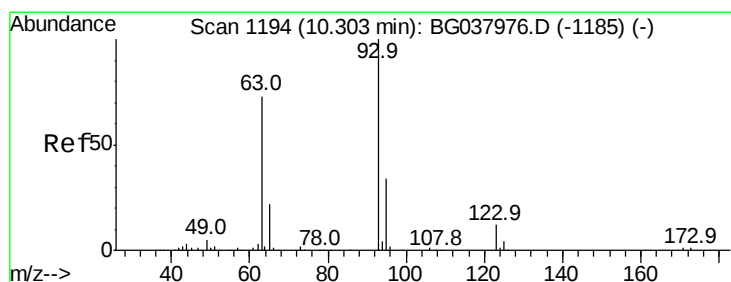
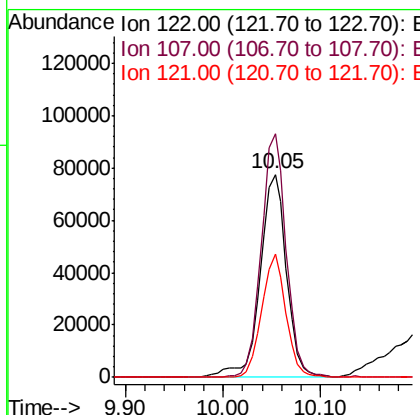
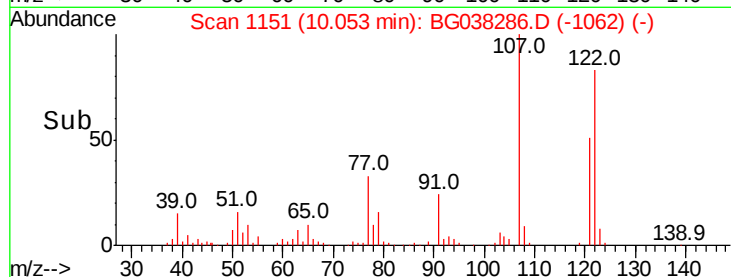
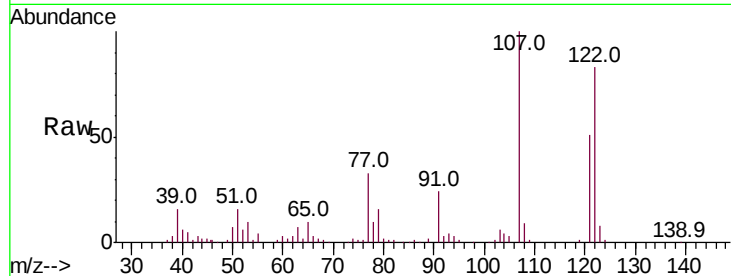
#27
2,4-Dimethylphenol
Concen: 43.018 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.8	94.2	141.2
121	60.8	47.3	70.9

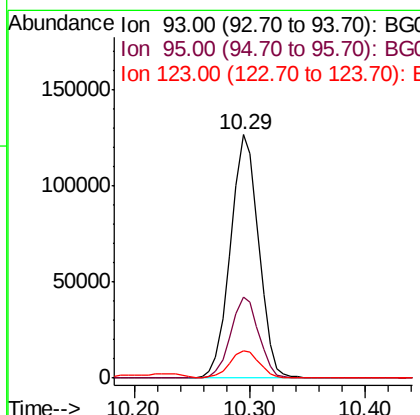
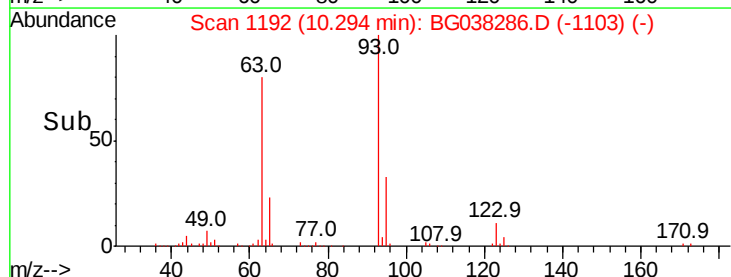
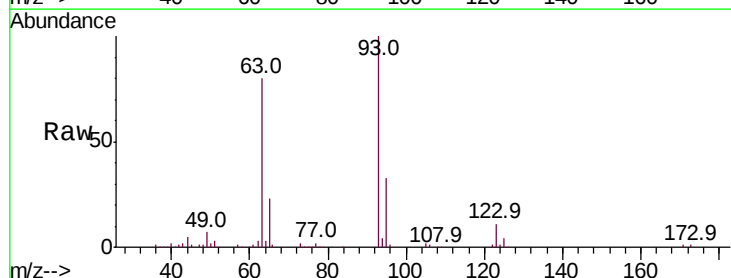
Manual Integrations
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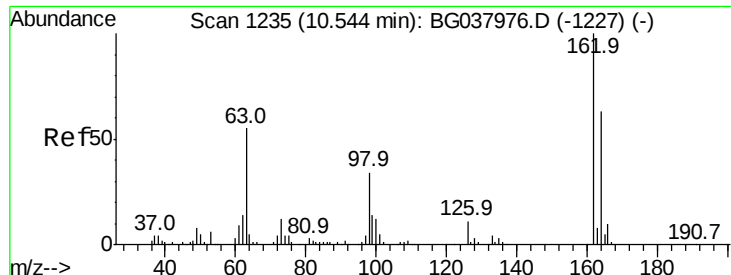
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.624 ng
RT: 10.29 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.6	37.0
123	11.4	9.1	13.7





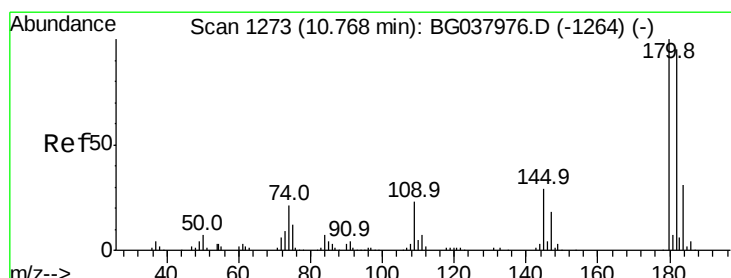
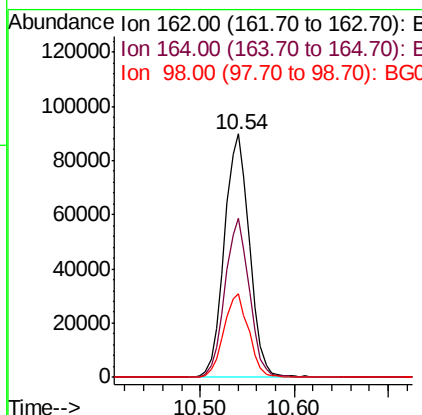
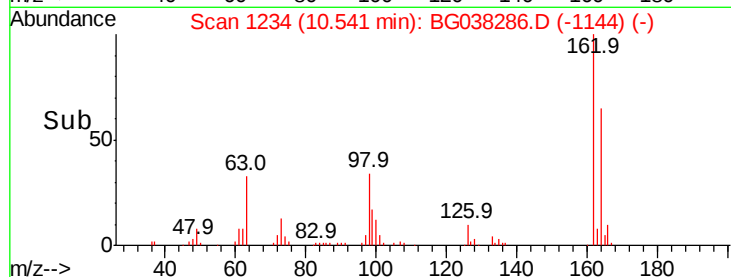
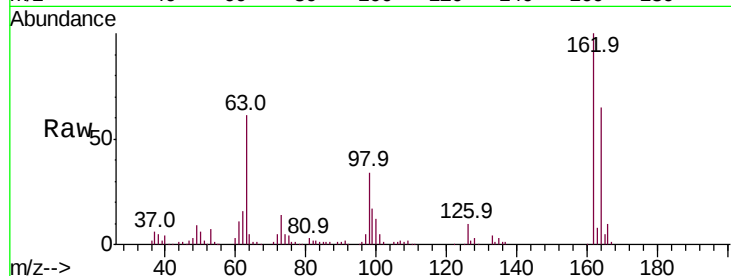
#29
2,4-Dichlorophenol
Concen: 43.073 ng
RT: 10.54 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	166449		
164	65.2	43.2	83.2	
98	34.3	16.0	56.0	

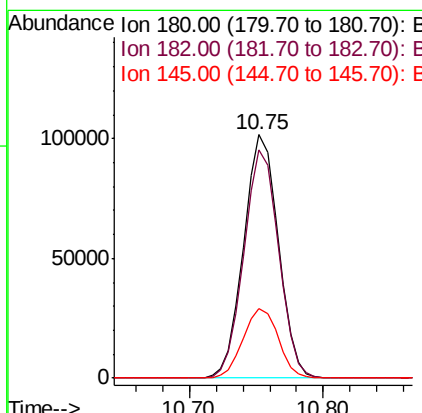
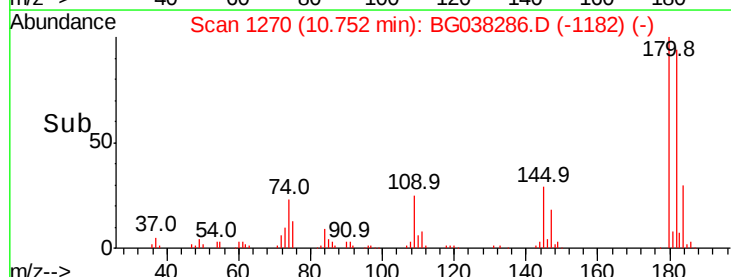
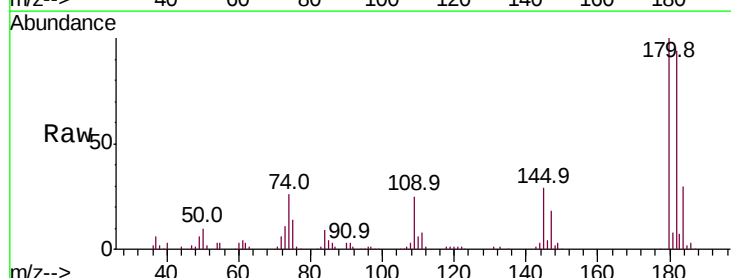
Manual Integrations
APPROVED

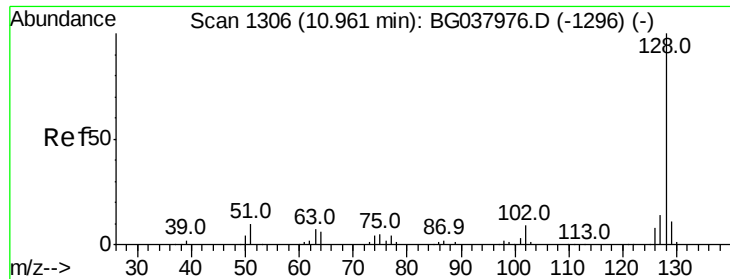
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 42.086 ng
RT: 10.75 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182247		
182	94.0	77.7	116.5	
145	28.6	23.3	34.9	





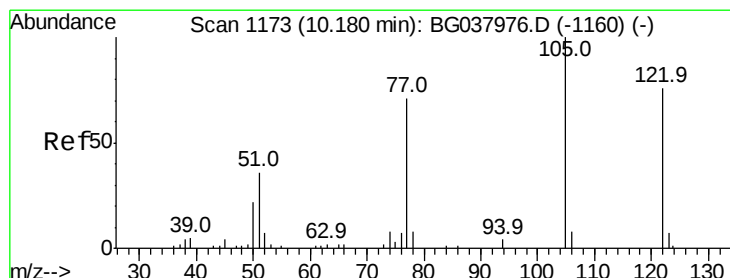
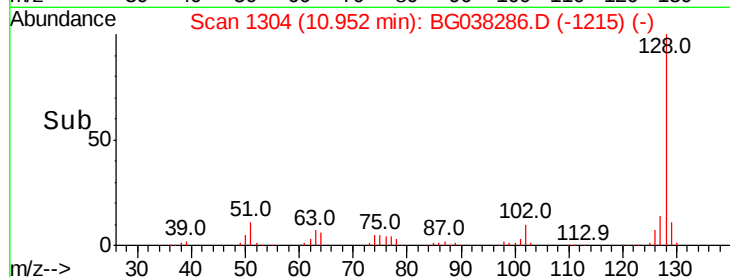
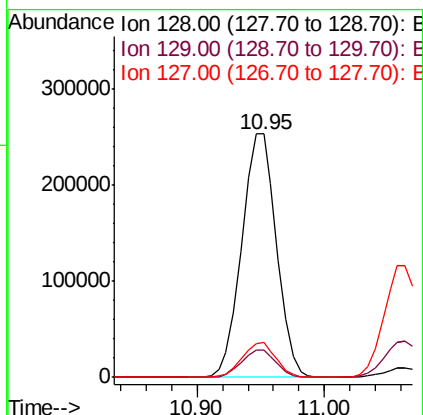
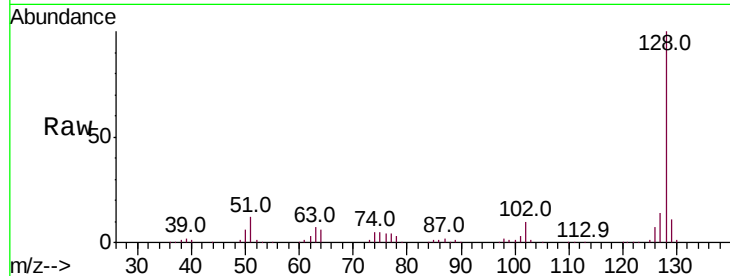
#31
Naphthalene
Concen: 40.829 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

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

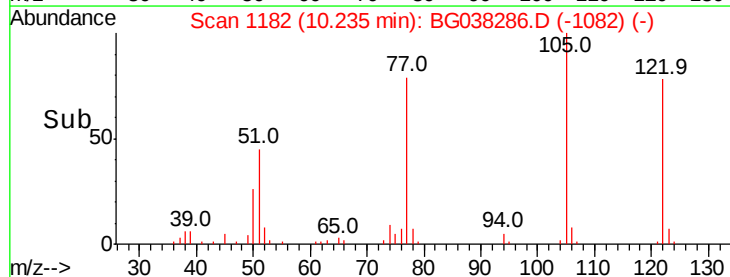
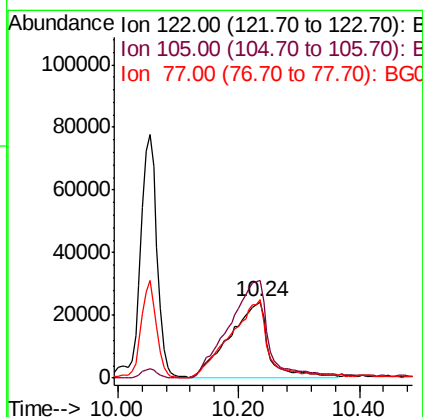
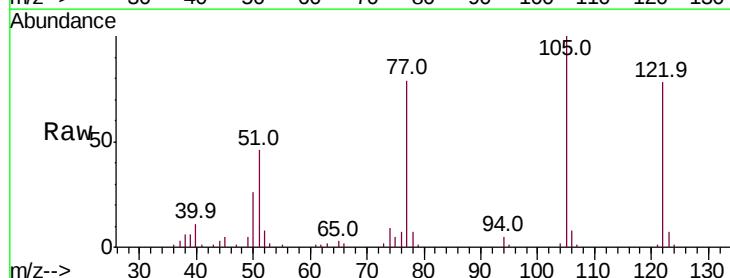
Manual Integrations
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#32
Benzoic acid
Concen: 48.284 ng
RT: 10.24 min Scan# 1182
Delta R.T. 0.06 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.3	106.7	146.7
77	101.8	72.2	112.2





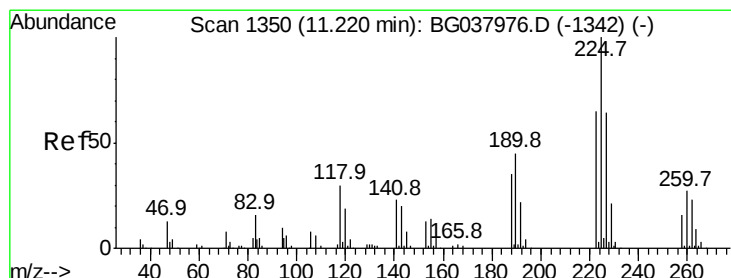
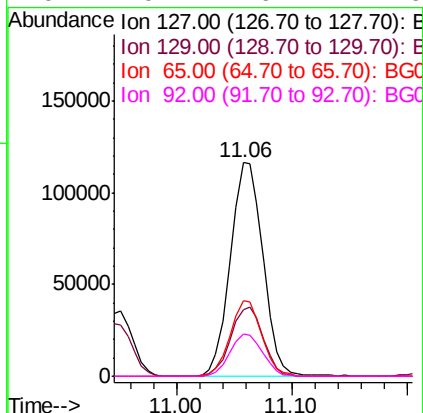
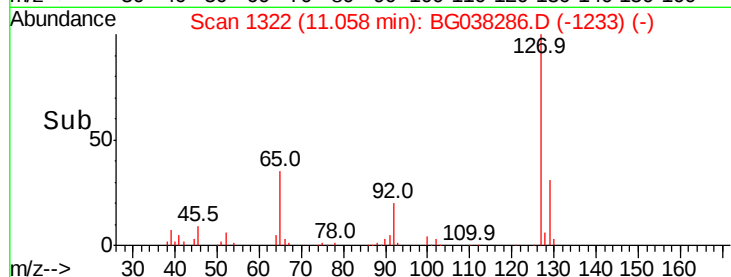
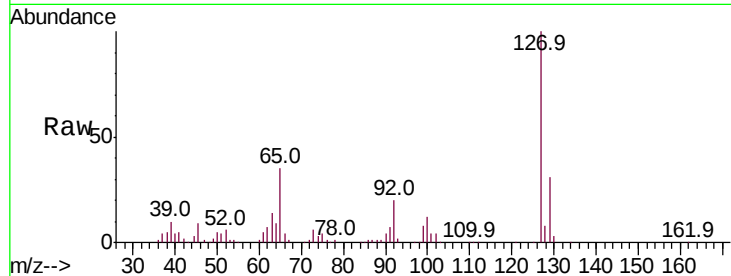
#33
4-Chloroaniline
Concen: 41.595 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	27.1	40.7	
65	35.2	26.6	39.8	
92	19.7	16.4	24.6	

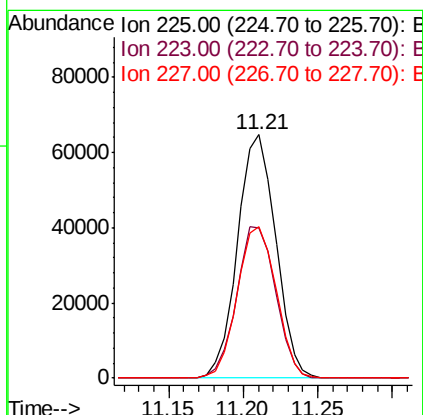
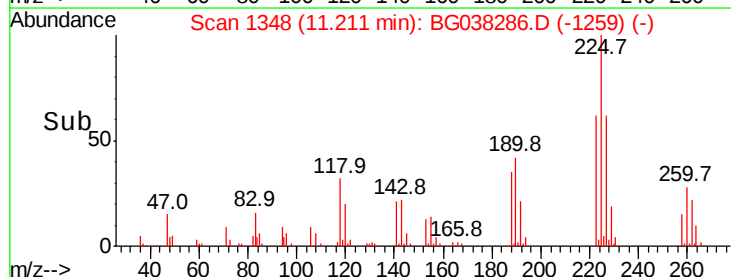
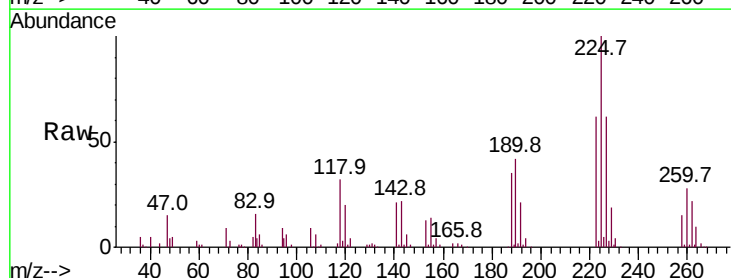
Manual Integrations
APPROVED

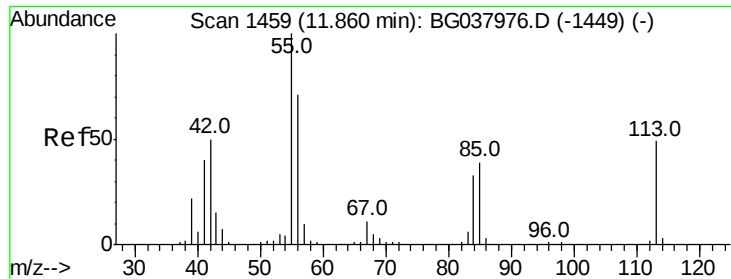
mohammad
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#34
Hexachlorobutadiene
Concen: 43.195 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.9	48.2	72.4	
227	62.5	51.6	77.4	





#35

Caprolactam

Concen: 46.262 ng

RT: 11.87 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 71557

Ion Ratio Lower Upper

113 100

55 230.0 176.6 216.6#

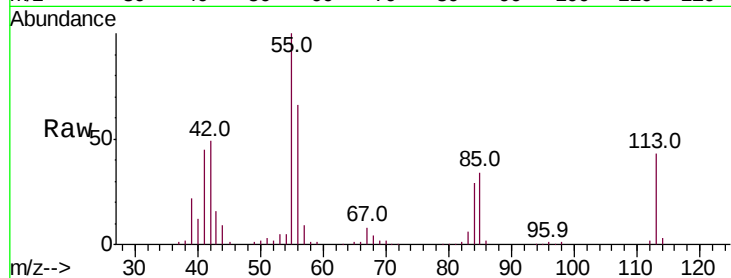
56 151.2 128.3 168.3

Manual Integrations

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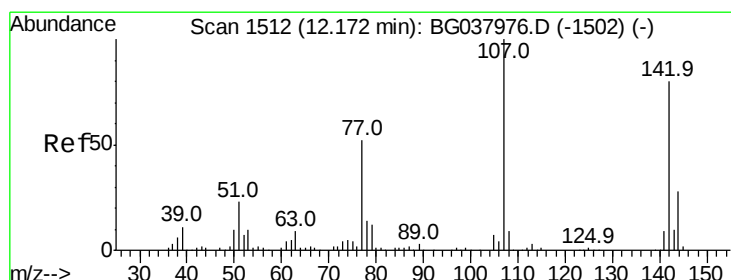
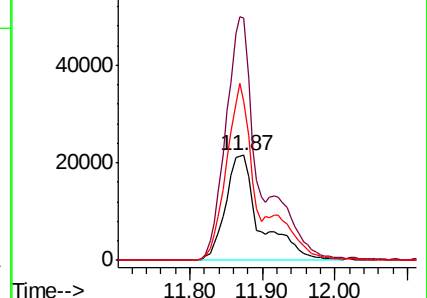
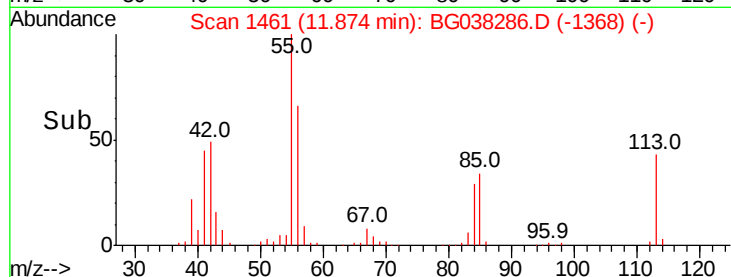
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 44.616 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

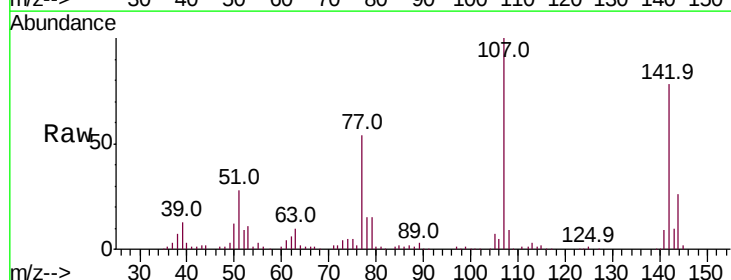
Tgt Ion:107 Resp: 188359

Ion Ratio Lower Upper

107 100

144 26.4 20.7 31.1

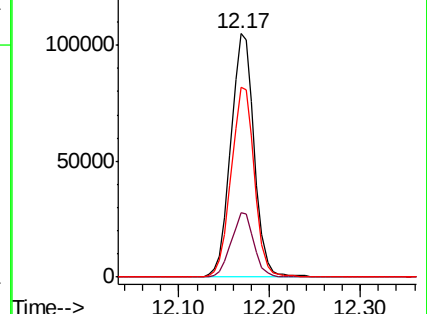
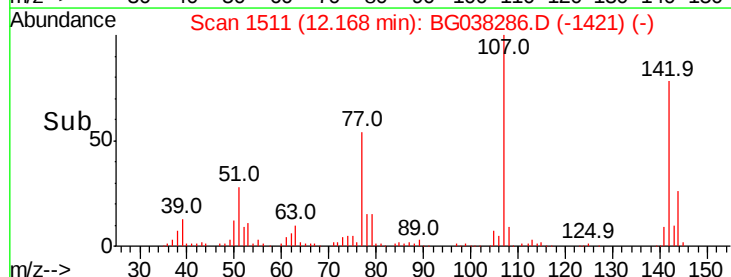
142 78.0 64.4 96.6



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





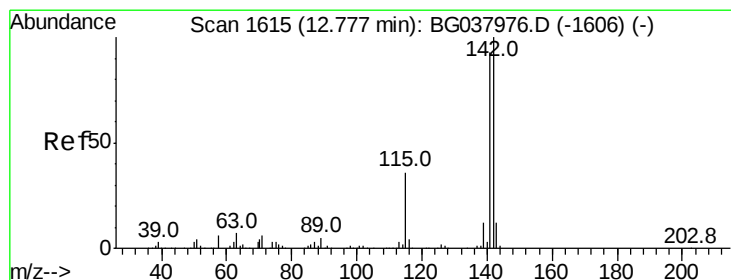
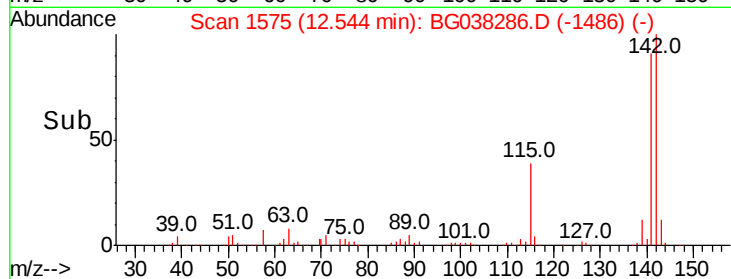
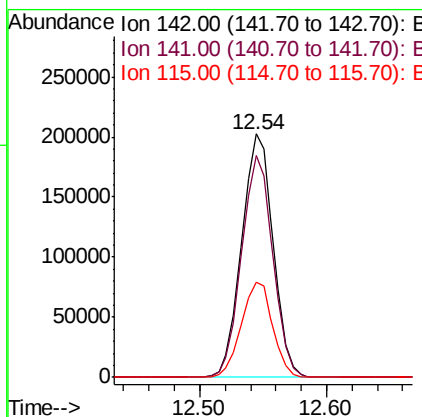
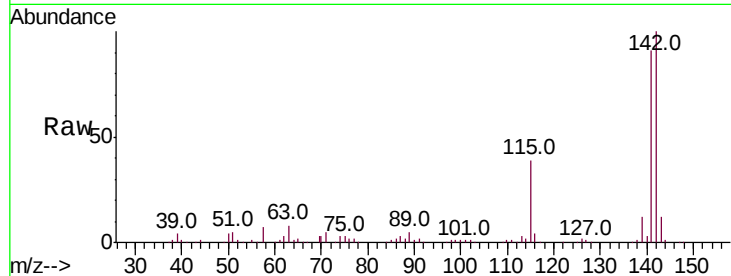
#37
2-Methylnaphthalene
Concen: 41.285 ng
RT: 12.54 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	39.2	27.8	41.8

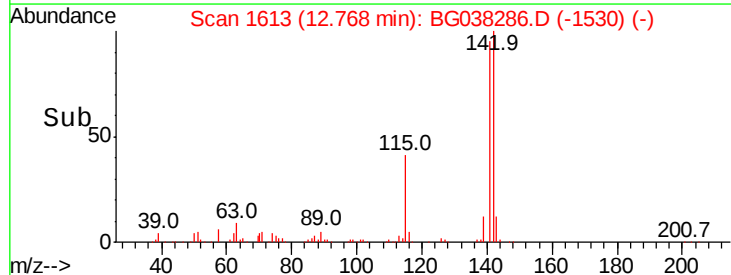
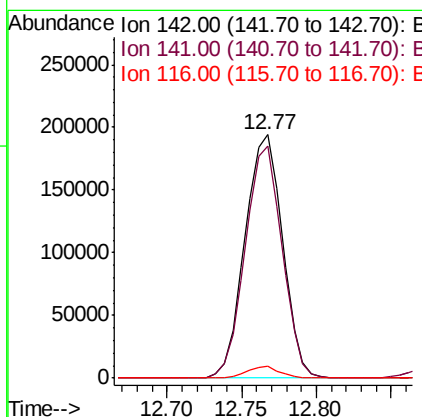
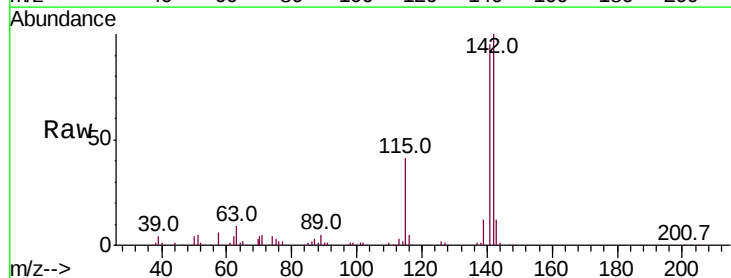
Manual Integrations
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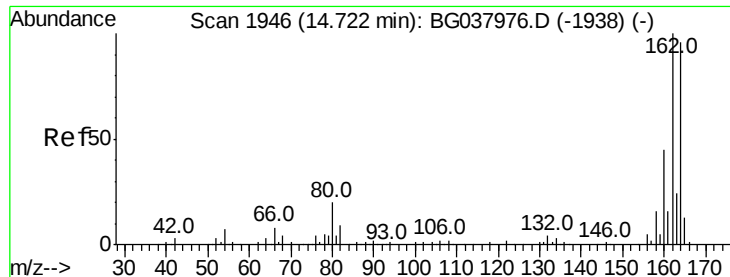
mohammad
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#38
1-Methylnaphthalene
Concen: 41.602 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	75.2	112.8
116	4.8	3.3	4.9





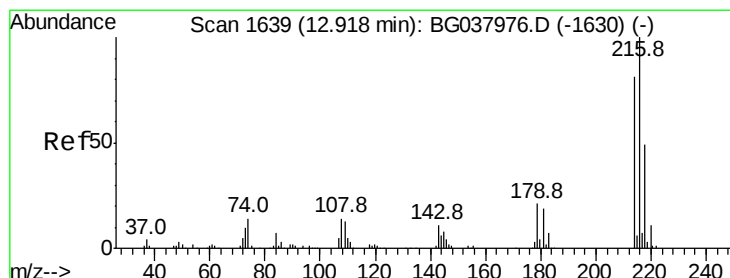
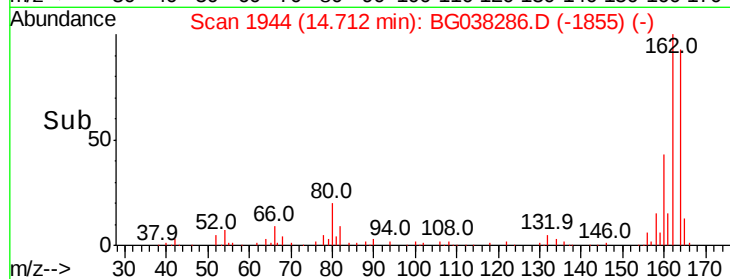
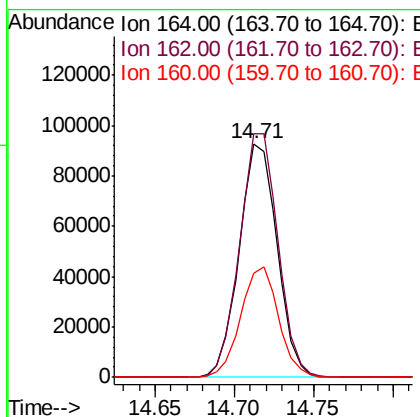
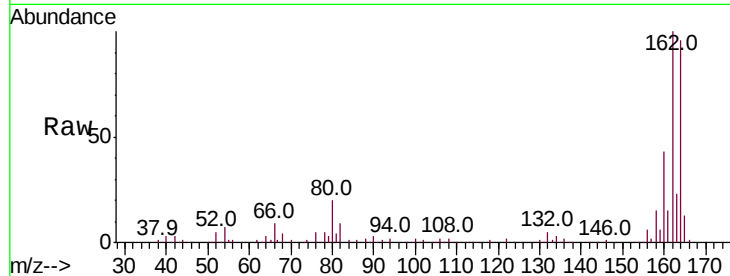
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.3	81.3	121.9	
160	44.7	36.3	54.5	

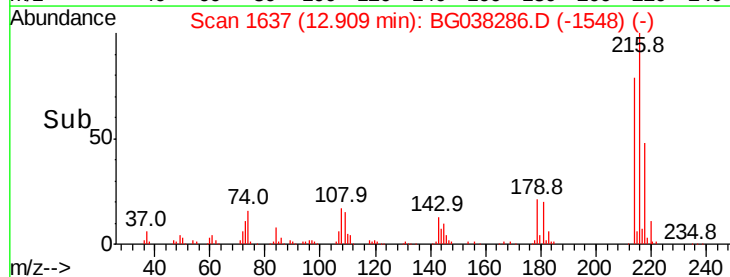
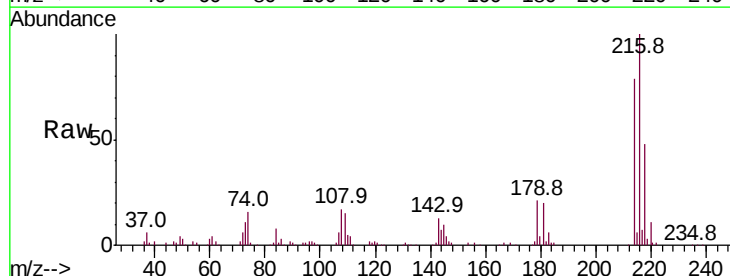
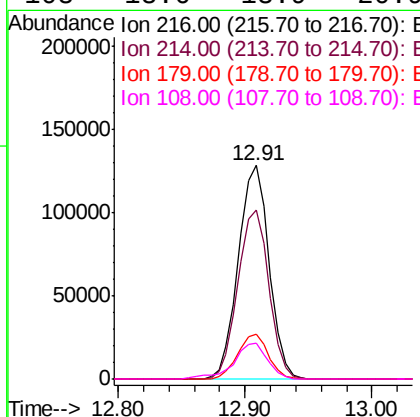
Manual Integrations
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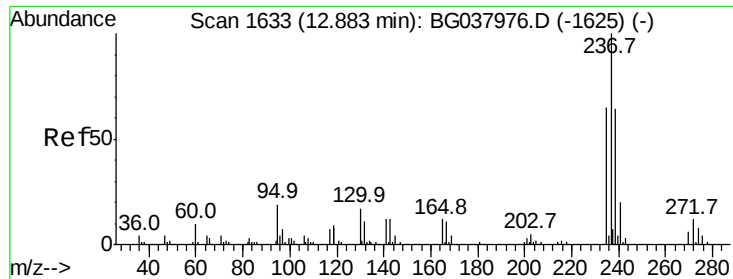
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.802 ng
RT: 12.91 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.8	95.6	
179	20.6	17.4	26.0	
108	18.6	13.9	20.9	





#41

Hexachlorocyclopentadiene

Concen: 41.664 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

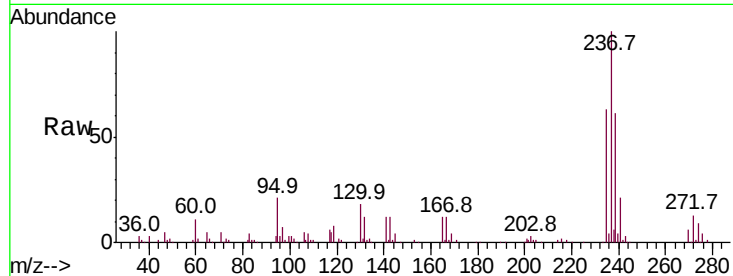
ClientSampleId :

SSTDCCC040

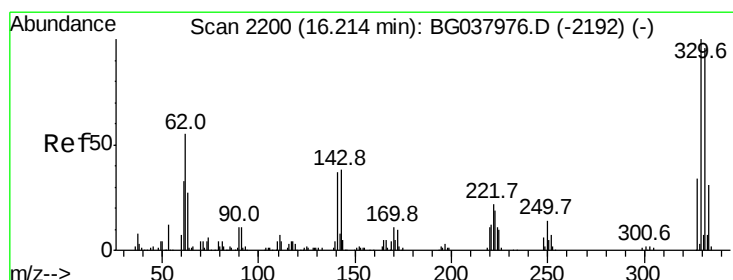
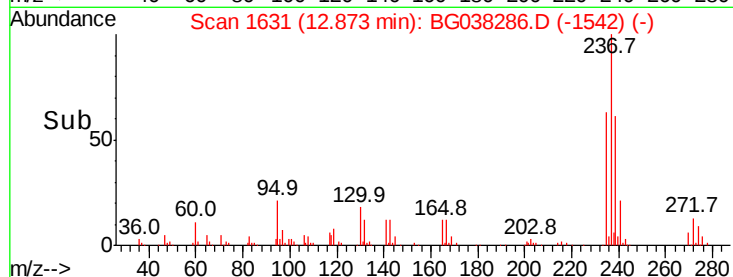
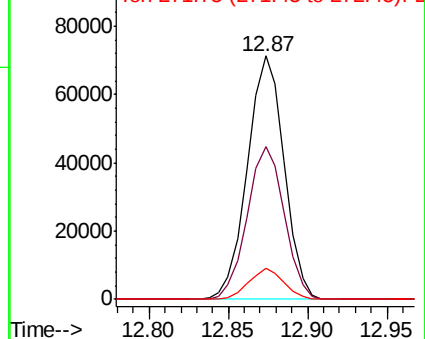
Tot Ion:	237	Resp:	114951
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.5	82.5
272	13.0	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 92.509 ng

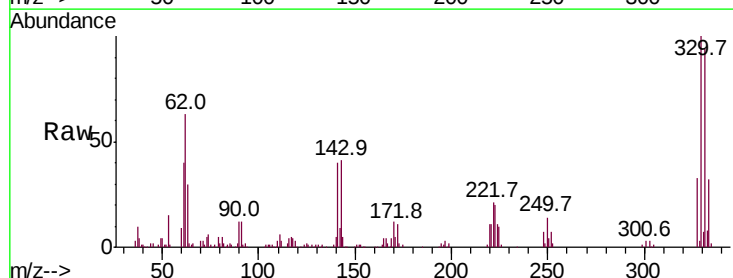
RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

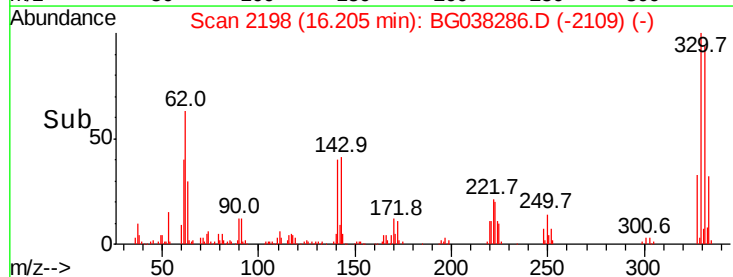
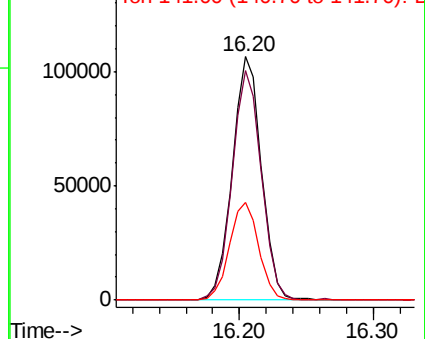
Lab File: BG038286.D

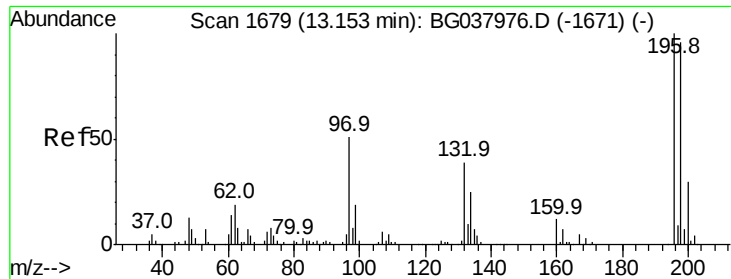
Acq: 1 Dec 2018 14:08

Tgt Ion:	330	Resp:	162679
Ion Ratio	Lower	Upper	
330	100		
332	94.0	78.4	117.6
141	40.6	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





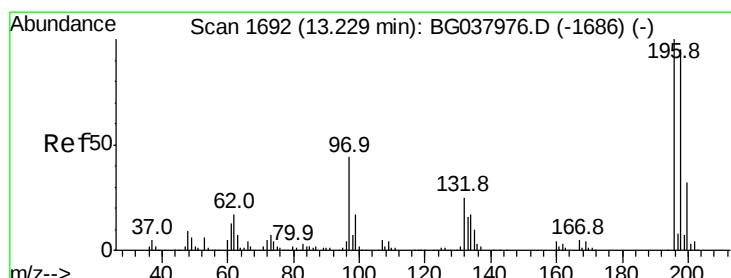
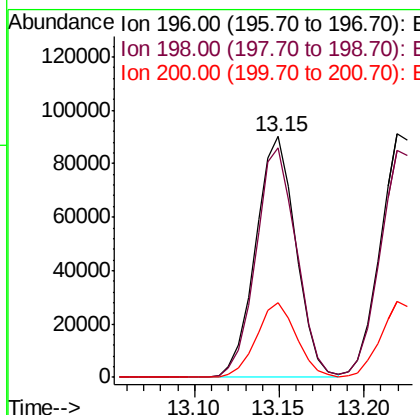
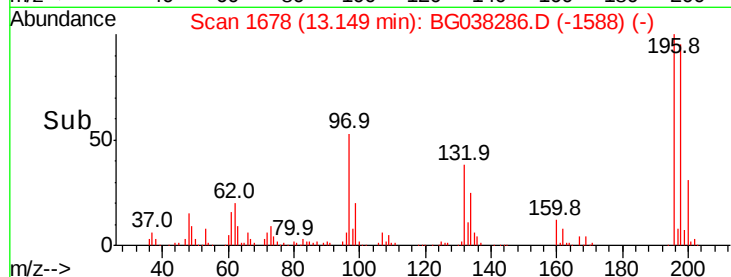
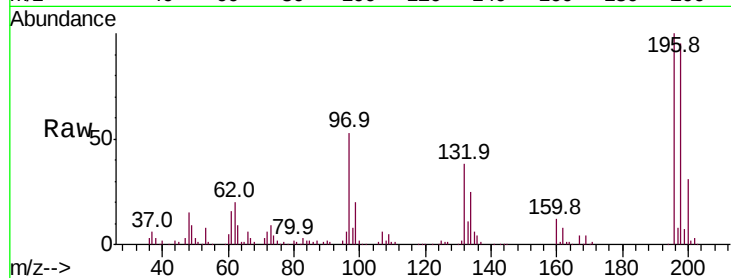
#43
 2,4,6-Trichlorophenol
 Concen: 42.393 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	148841		
198	95.4	76.4	114.6	
200	30.9	24.9	37.3	

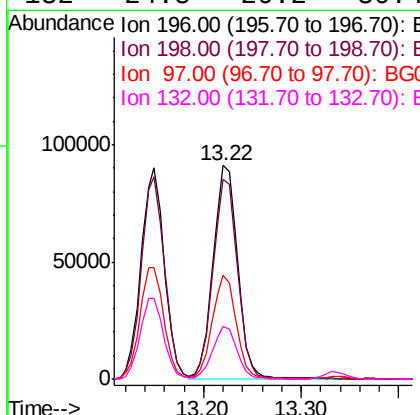
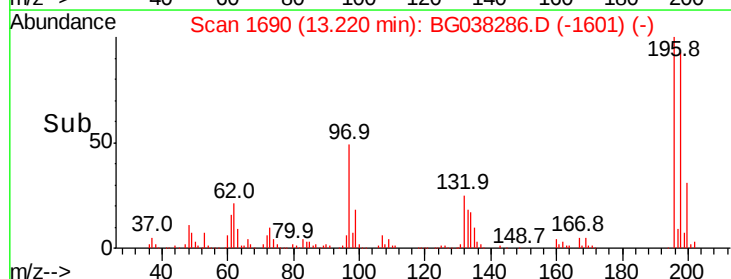
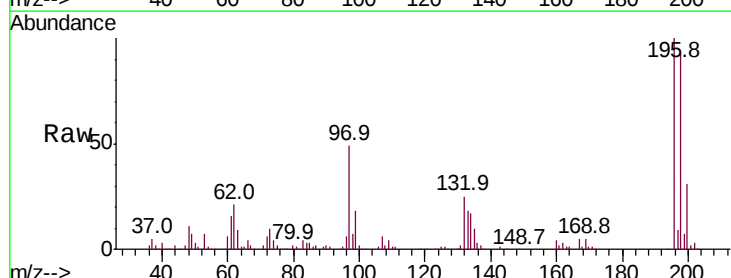
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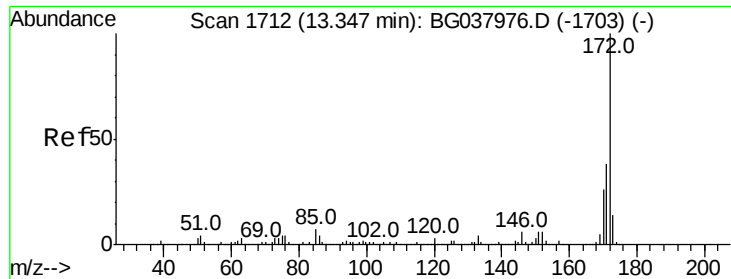
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#44
 2,4,5-Trichlorophenol
 Concen: 42.884 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	158425		
198	93.3	74.2	111.2	
97	48.5	34.1	51.1	
132	24.8	20.2	30.4	





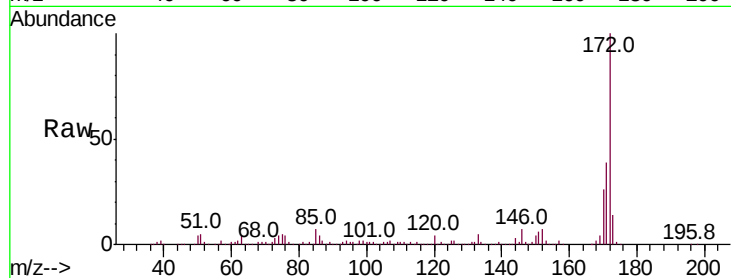
#45
2-Fluorobiphenyl
Concen: 80.143 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.0	46.4
170	26.1	20.2	30.2

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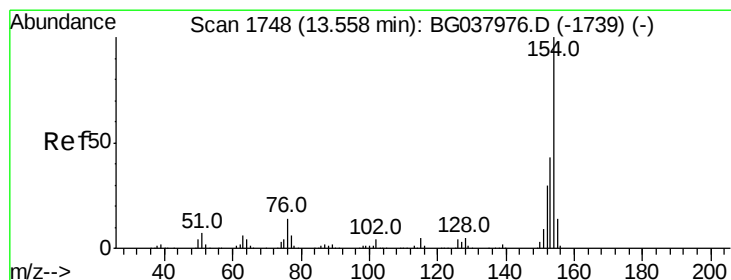
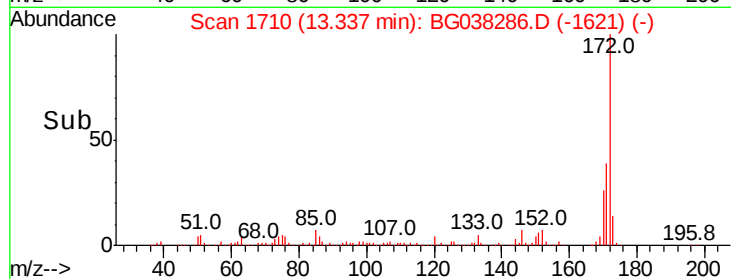
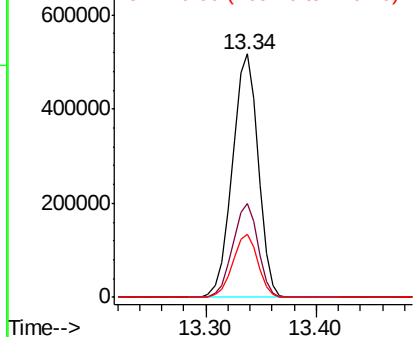


Abundance

Ion 172.00 (171.70 to 172.70): E

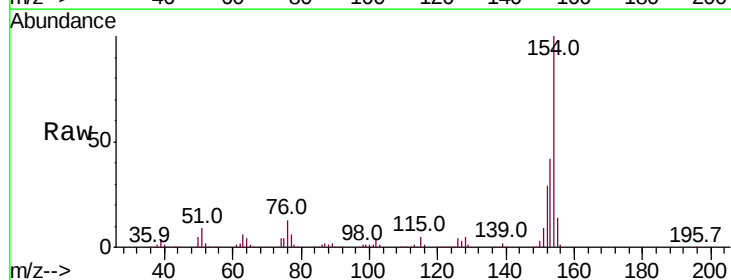
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 40.311 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.1	62.1
76	12.8	0.0	33.2

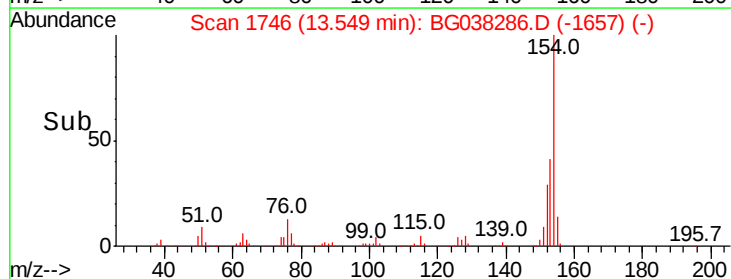
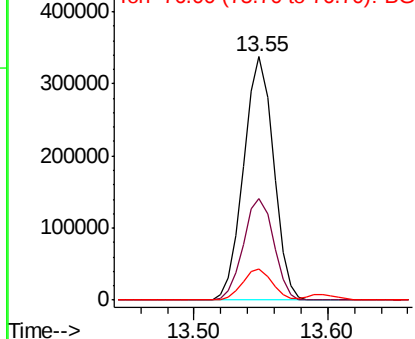


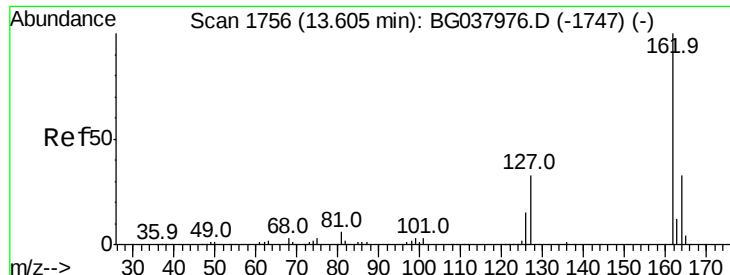
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





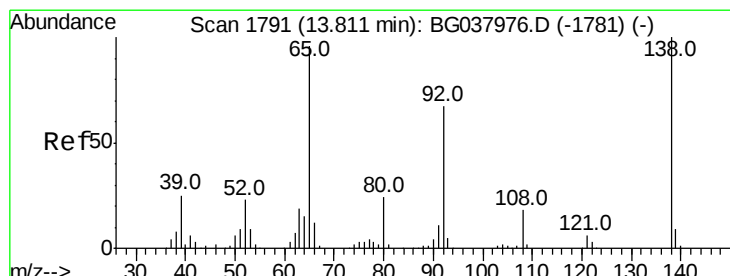
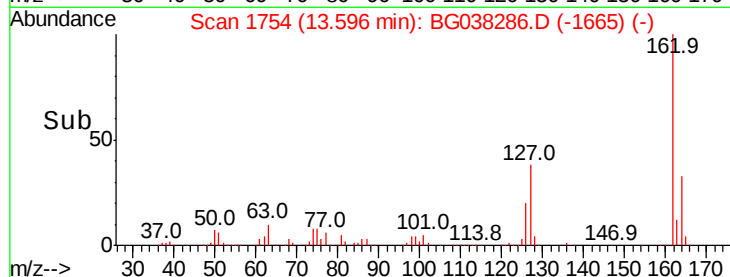
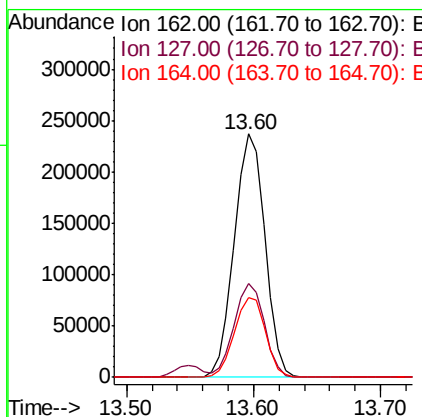
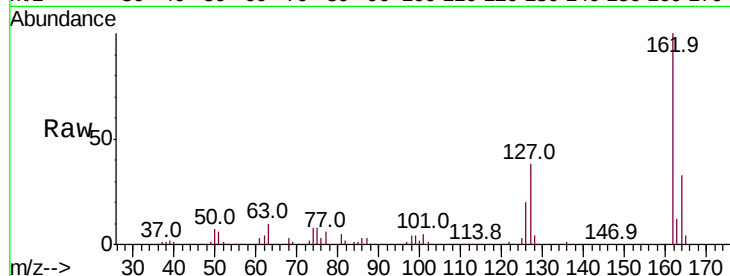
#47
 2-Chloronaphthalene
 Concen: 40.149 ng
 RT: 13.60 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.5	45.7
164	32.7	26.4	39.6

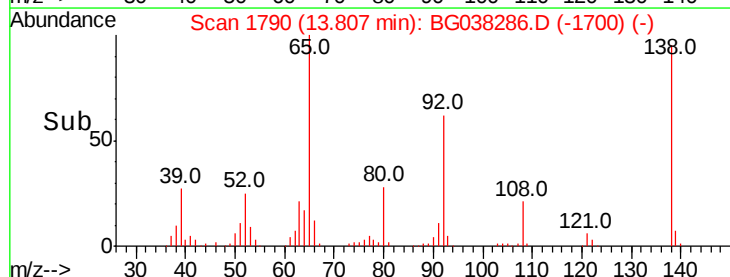
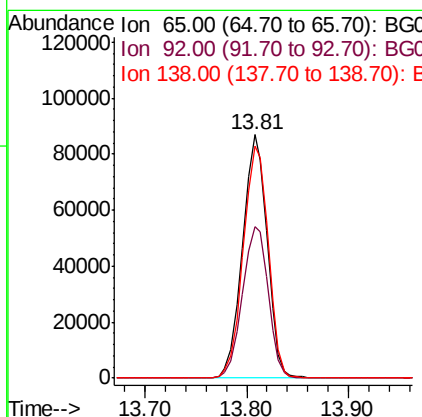
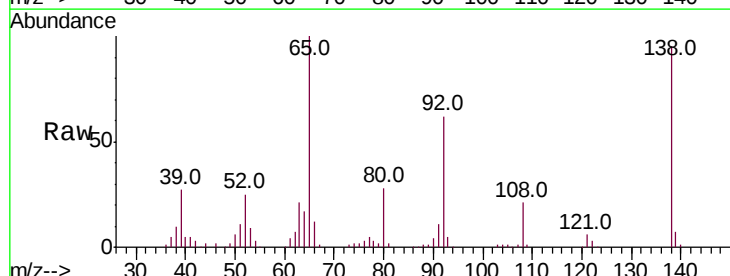
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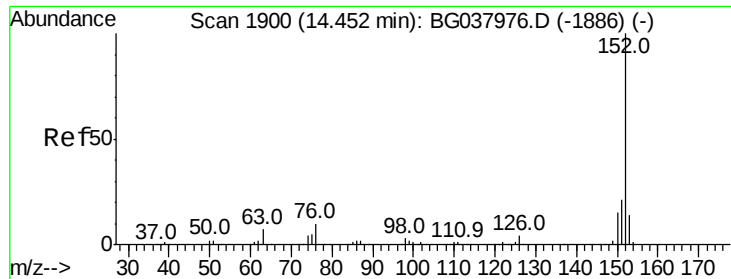
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#48
 2-Nitroaniline
 Concen: 47.028 ng
 RT: 13.81 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	53.2	79.8
138	95.1	79.3	118.9





#49

Acenaphthylene

Concen: 40.470 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

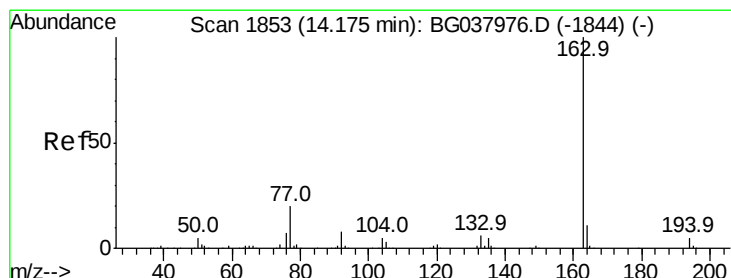
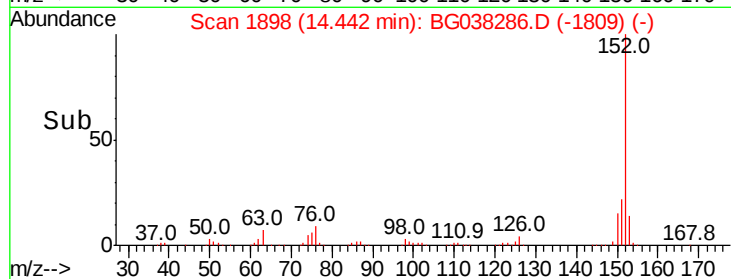
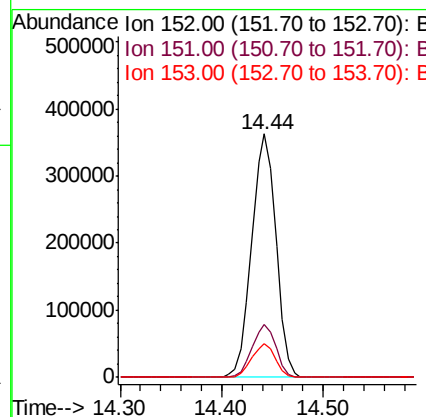
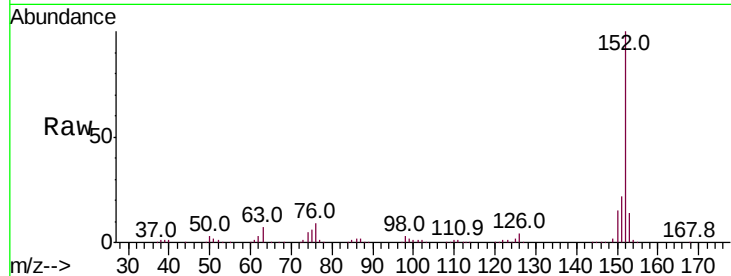
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	601569
Ion Ratio	Lower	Upper	
152	100		
151	21.9	17.1	25.7
153	13.9	11.1	16.7

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#50

Dimethylphthalate

Concen: 41.979 ng

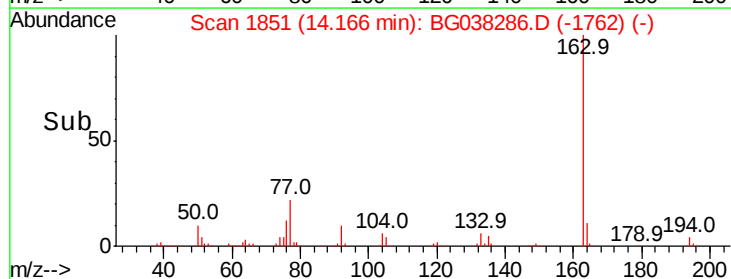
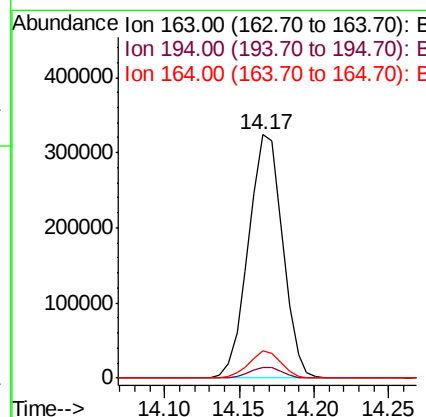
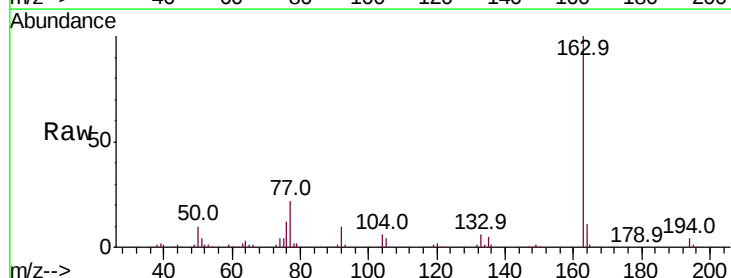
RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Tgt Ion:	163	Resp:	513155
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.5	5.3
164	11.0	8.5	12.7





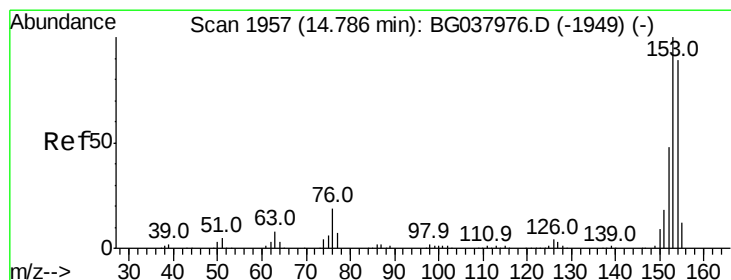
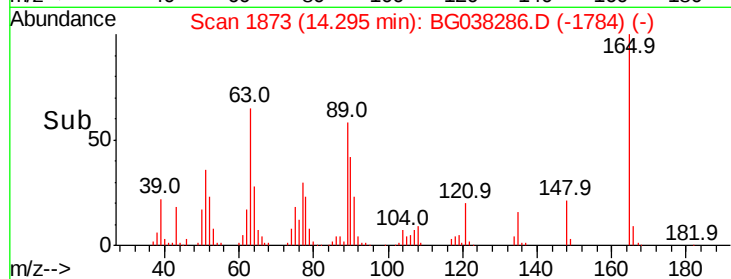
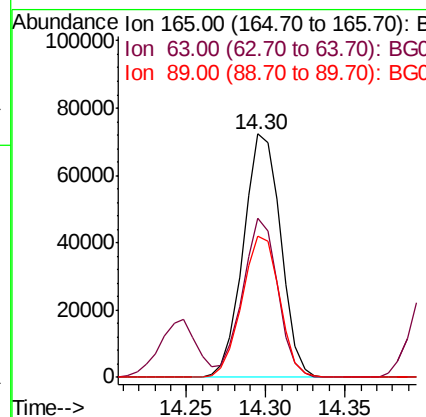
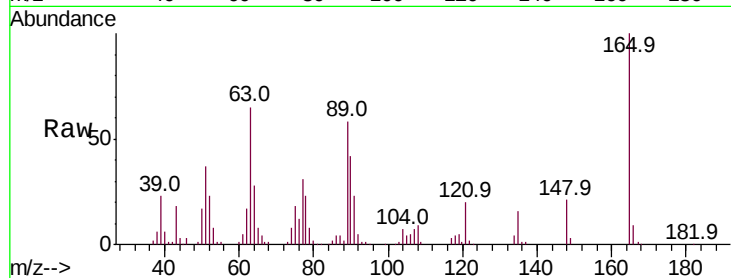
#51
2,6-Dinitrotoluene
Concen: 42.735 ng
RT: 14.30 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	118231		
63	65.3	43.4	65.2#	
89	58.1	45.8	68.6	

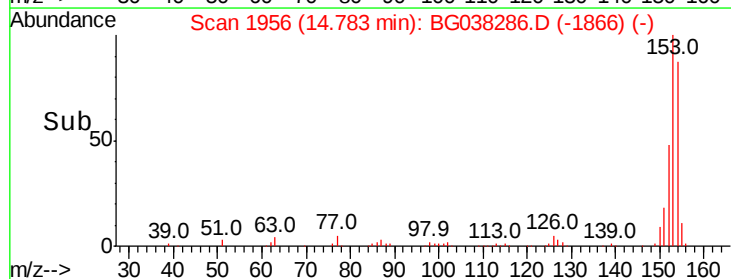
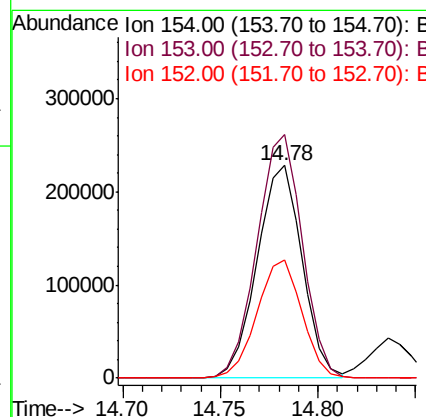
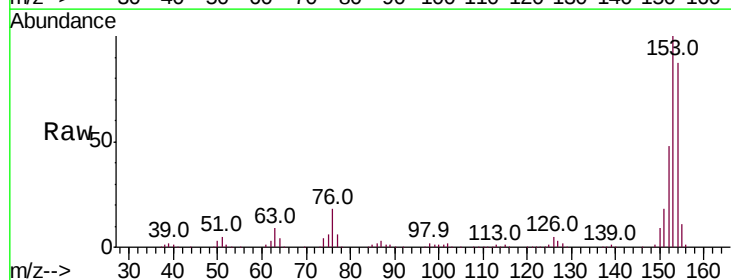
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#52
Acenaphthene
Concen: 40.742 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	364597		
153	114.6	93.4	140.0	
152	55.4	44.7	67.1	





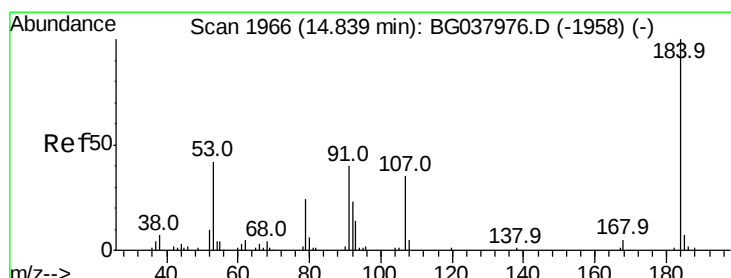
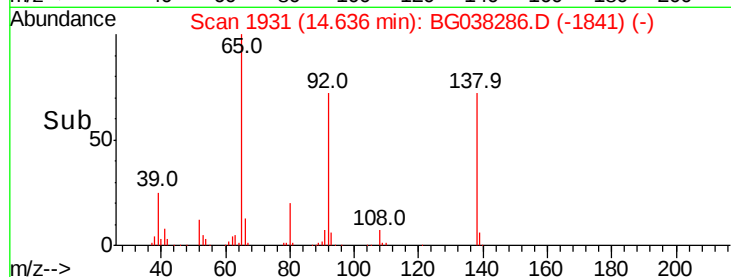
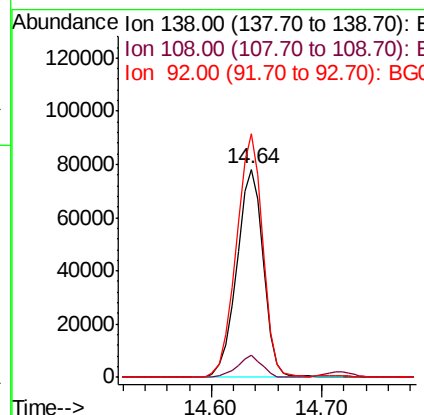
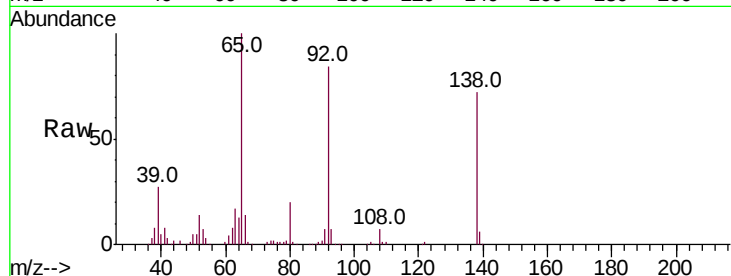
#53
3-Nitroaniline
Concen: 43.216 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	11.0	16.6#
92	117.1	95.2	142.8

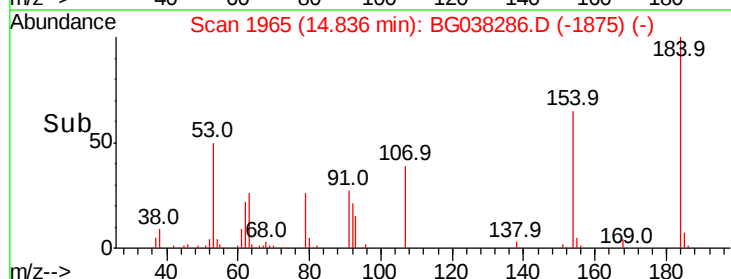
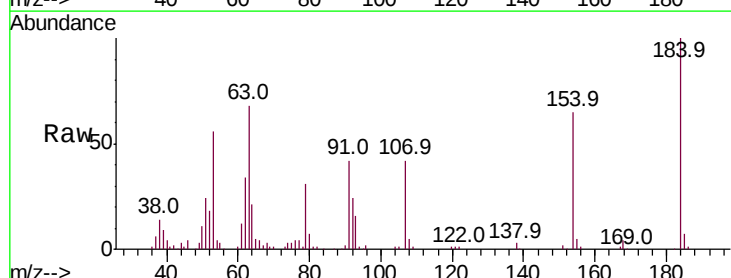
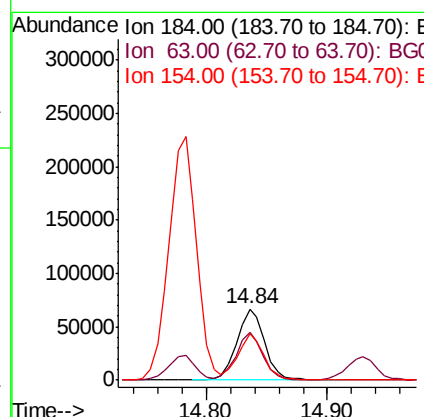
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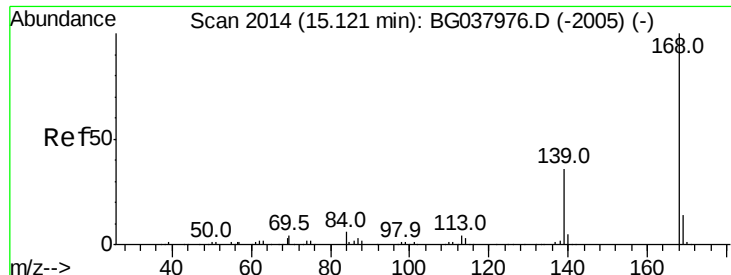
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#54
2,4-Dinitrophenol
Concen: 72.276 ng
RT: 14.84 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.1	42.6	63.8#
154	65.0	41.8	62.6#





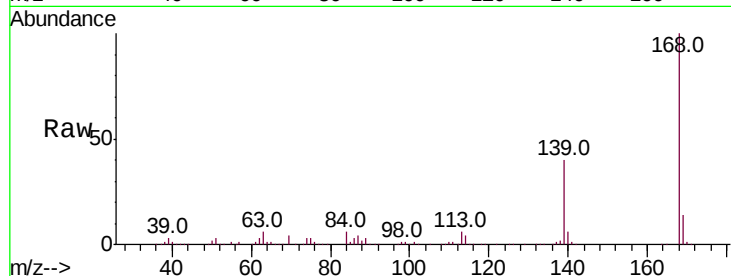
#55
Dibenzofuran
Concen: 40.215 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	29.4	44.0
169	14.0	11.0	16.6

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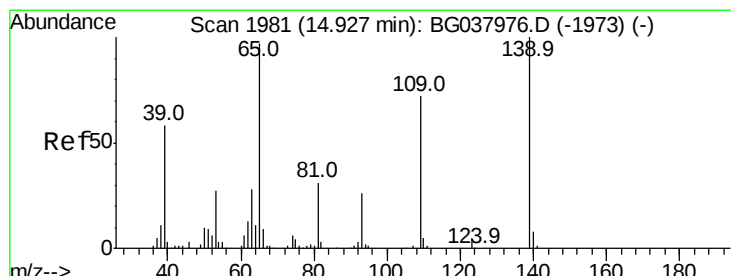
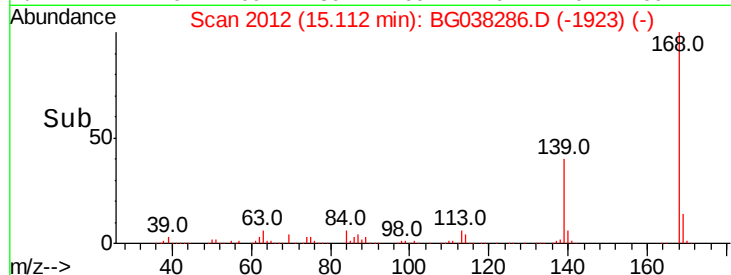
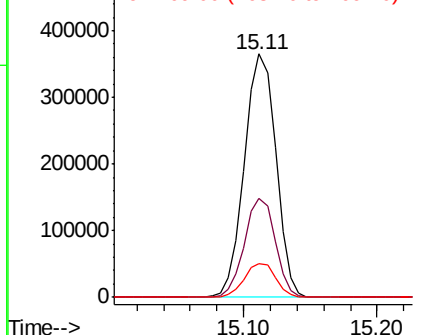


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 46.538 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

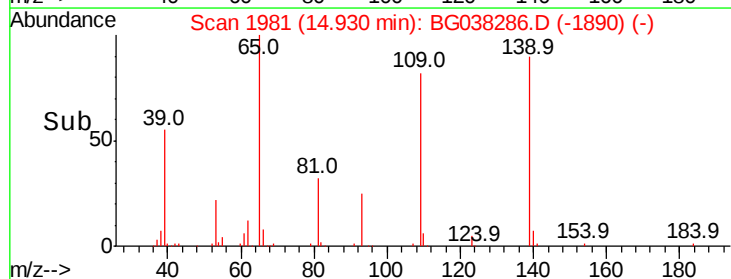
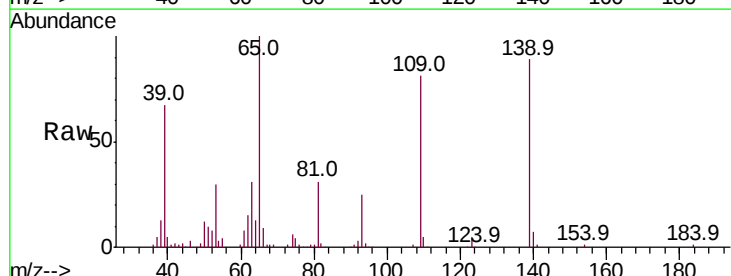
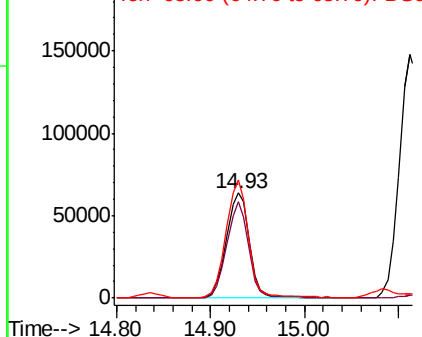
Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.7	49.5	89.5#
65	112.8	76.8	116.8

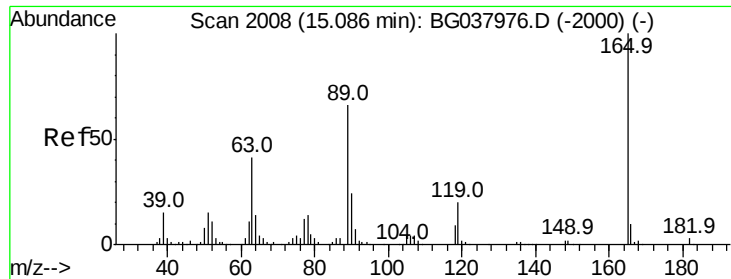
Abundance

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): BG





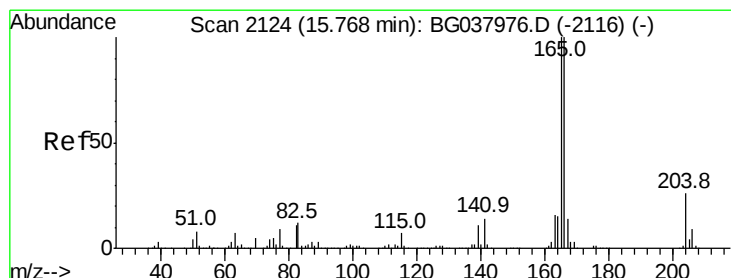
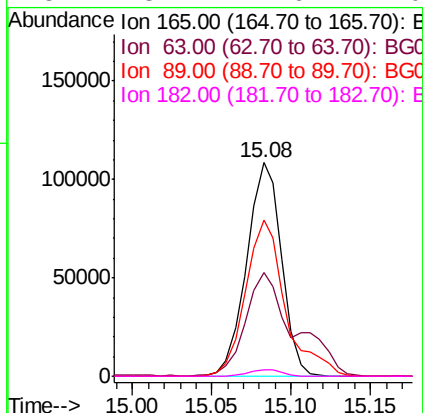
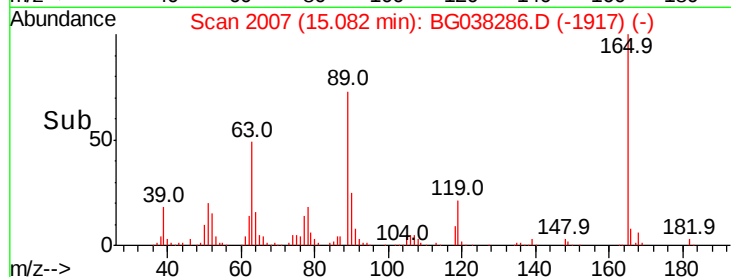
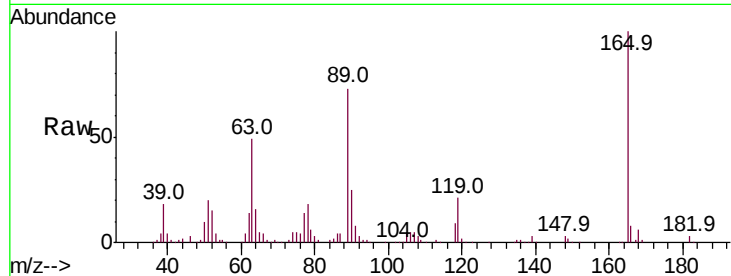
#57
2,4-Dinitrotoluene
Concen: 43.875 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	165155		
63	48.6	33.4	50.0	
89	73.0	57.2	85.8	
182	3.1	2.6	4.0	

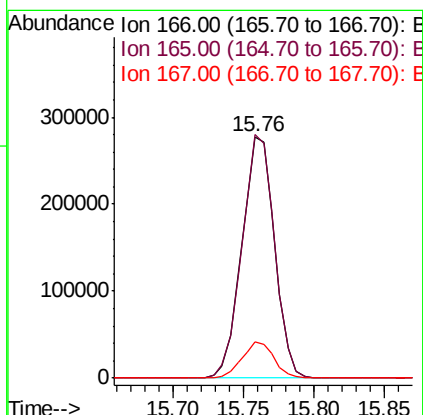
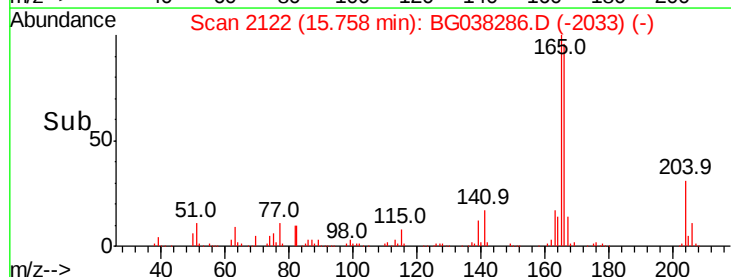
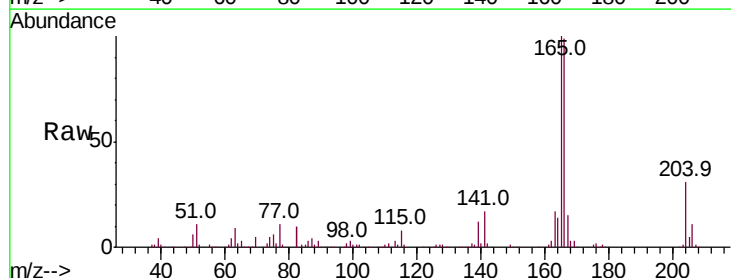
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#58
Fluorene
Concen: 40.724 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	449615		
165	100.9	79.0	118.6	
167	14.9	11.3	16.9	





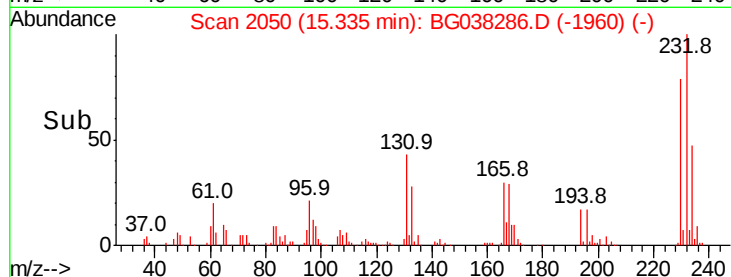
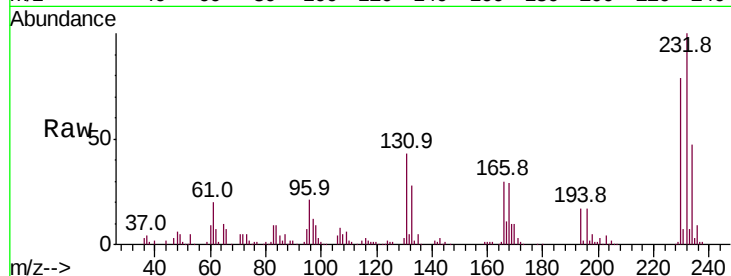
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.834 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	135502		
131	44.9		33.7	50.5
130	2.5		2.1	3.1
166	31.1		24.6	36.8

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 12/3/2018 5:13:17 PM



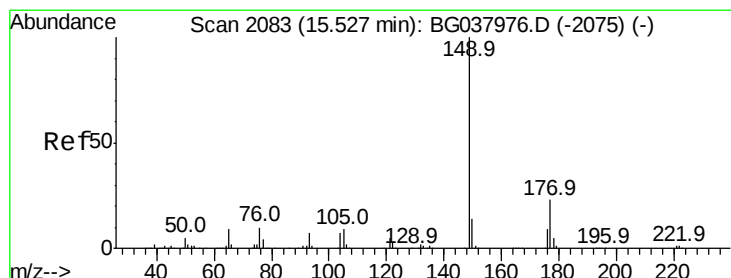
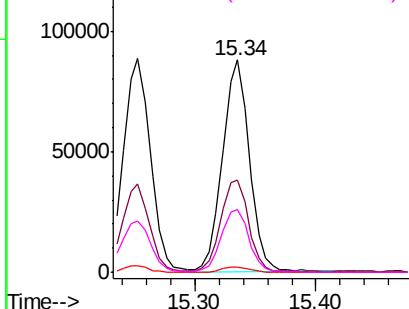
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

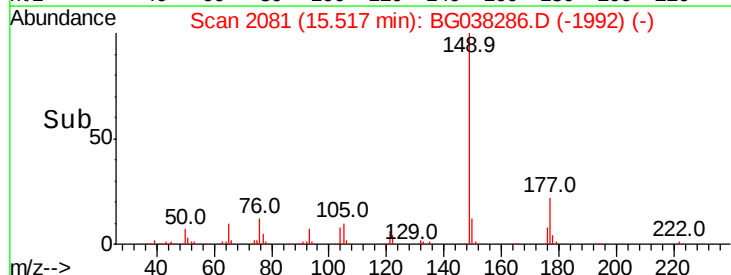
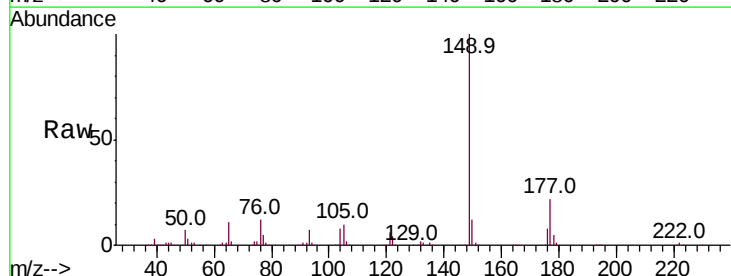
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 42.216 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	548115		
177	21.8		18.3	27.5
150	12.5		10.0	15.0

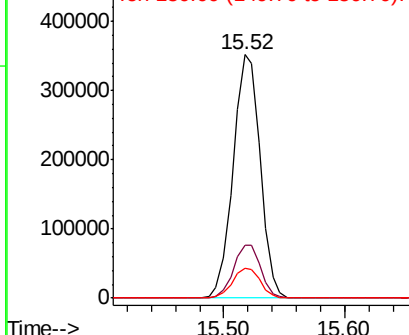


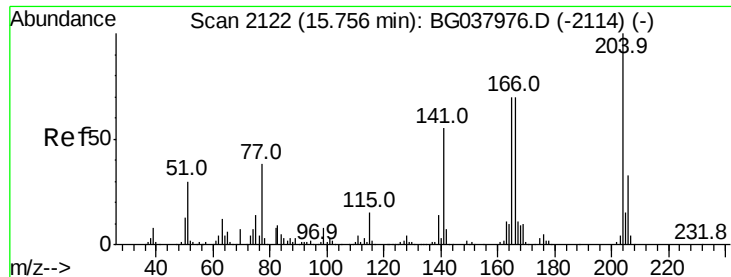
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





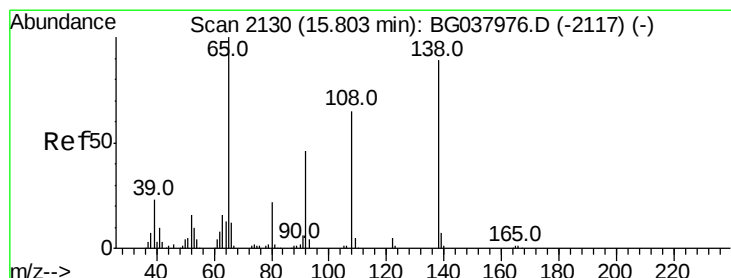
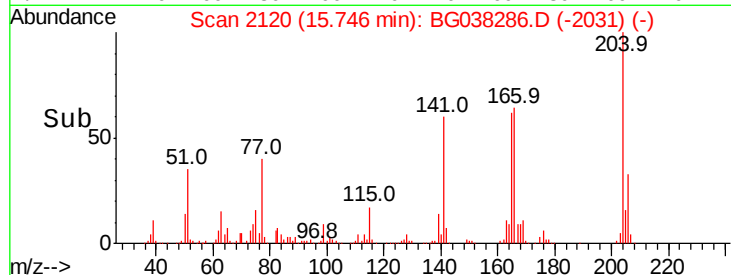
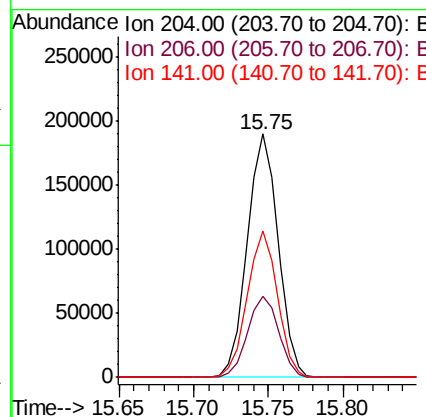
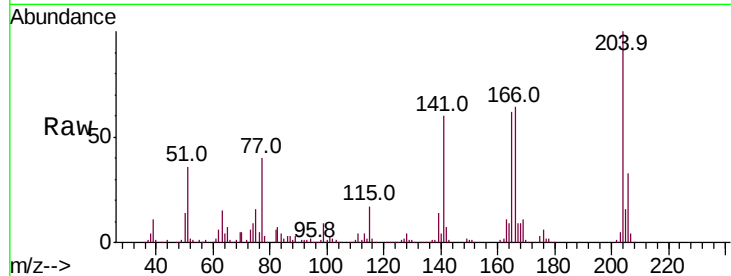
#61
4-Chlorophenyl-phenylether
Concen: 41.965 ng
RT: 15.75 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	59.9	45.4	68.2

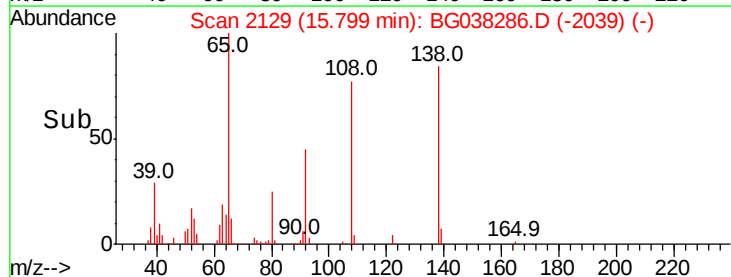
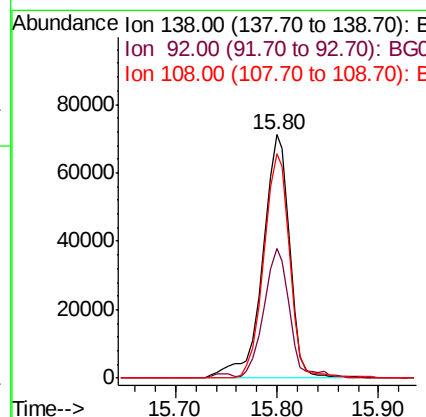
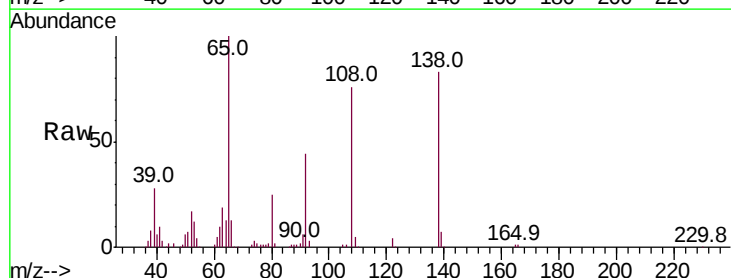
Manual Integrations
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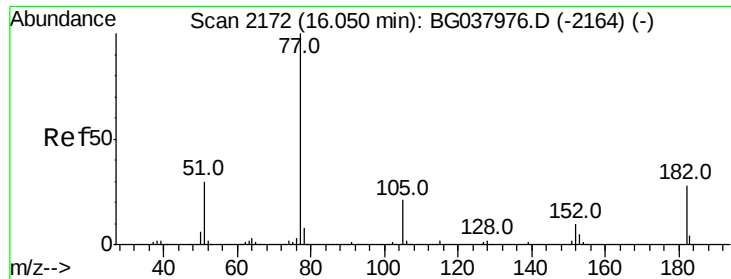
mohammad
12/3/2018 5:13:17 PM



#62
4-Nitroaniline
Concen: 42.998 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.5	36.4	76.4
108	92.0	60.1	100.1





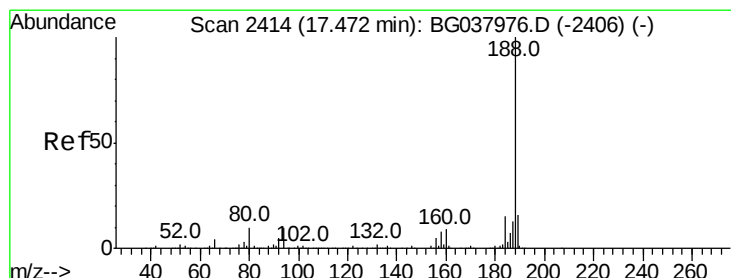
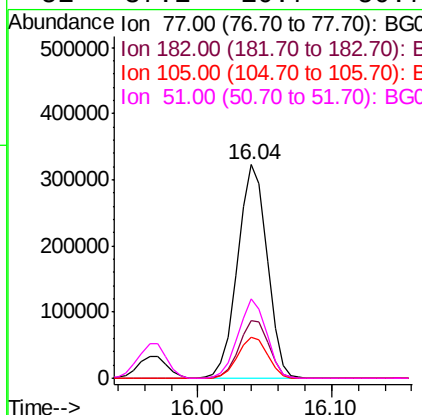
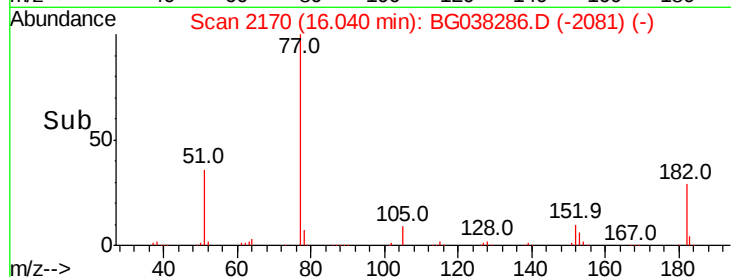
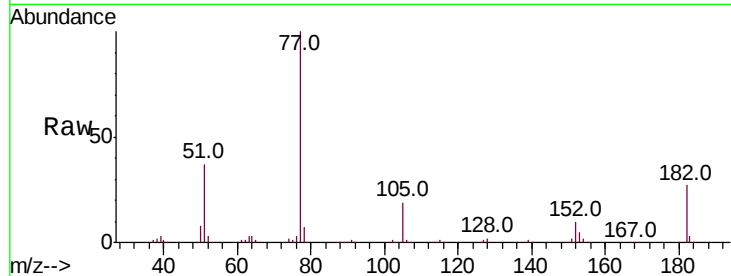
#63
Azobenzene
Concen: 42.606 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.0	8.0	48.0
105	19.5	1.3	41.3
51	37.1	10.7	50.7

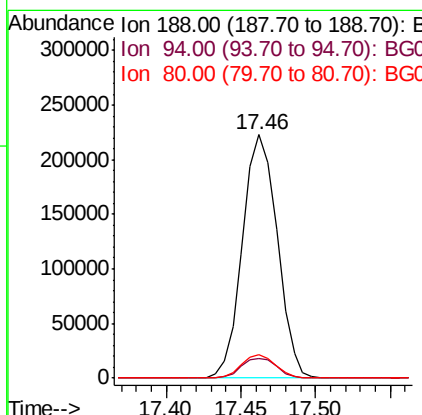
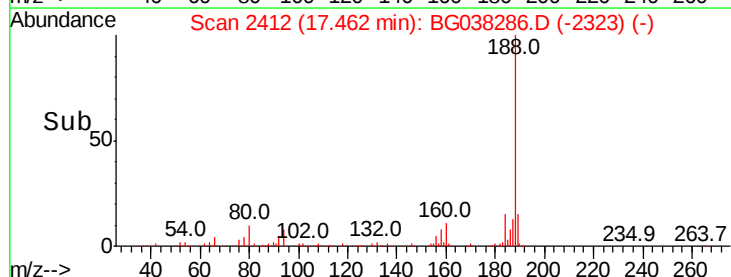
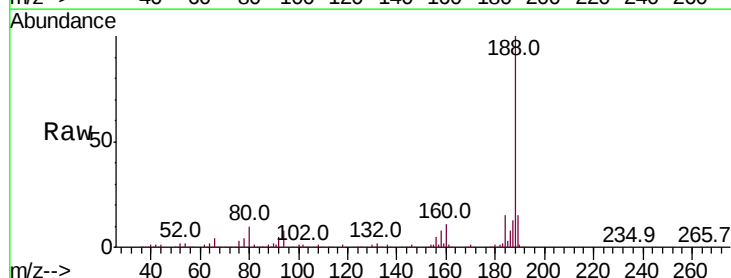
Manual Integrations
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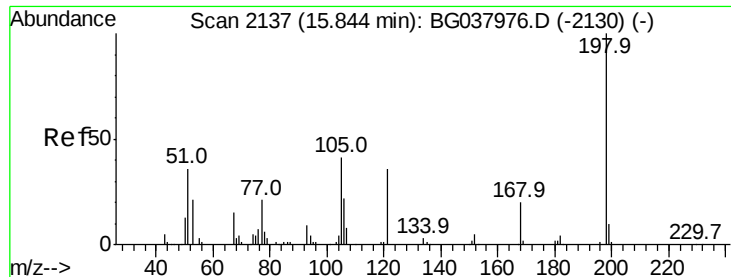
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	9.8	7.7	11.5





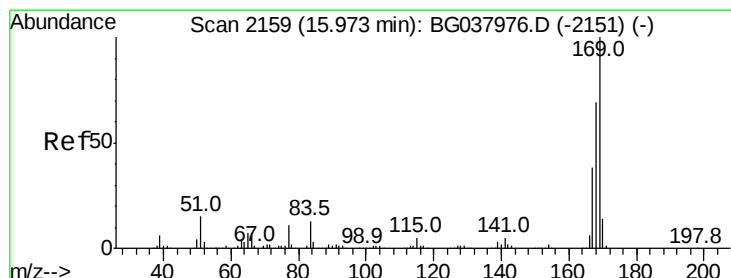
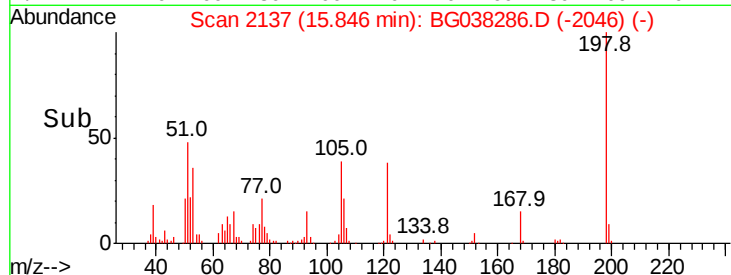
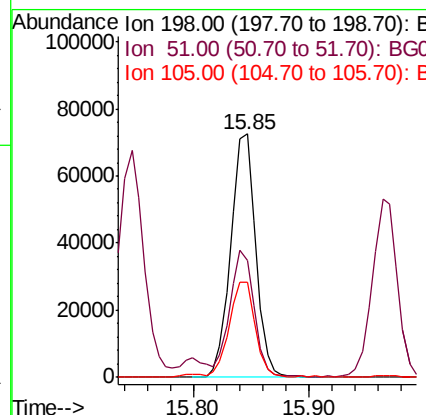
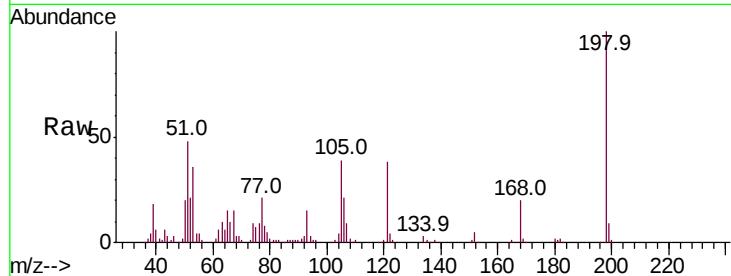
#65
4,6-Dinitro-2-methylphenol
Concen: 47.804 ng
RT: 15.85 min Scan# 2137
Delta R.T. 0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	108959		
51	47.8	22.7	62.7	
105	39.1	19.7	59.7	

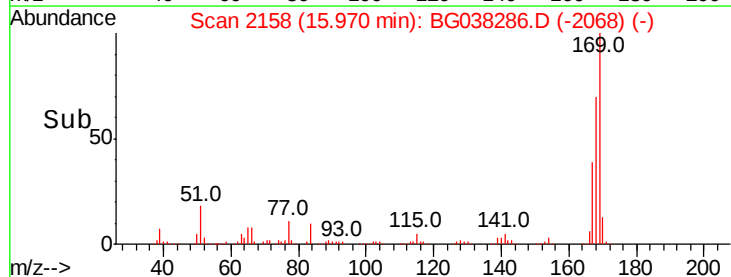
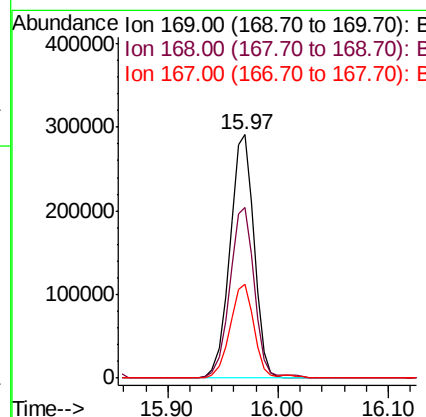
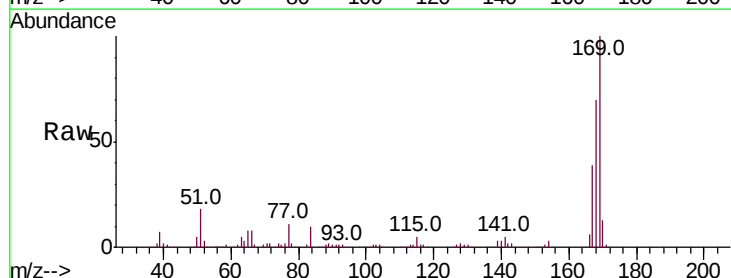
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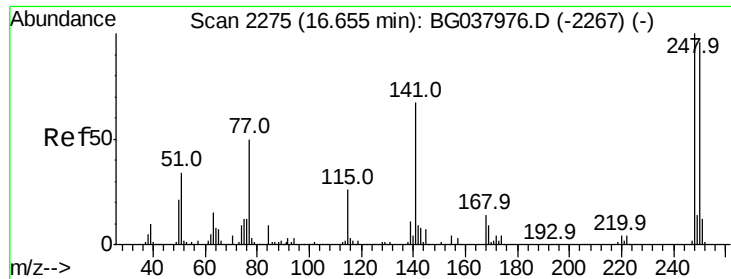
mohammad
12/3/2018 5:13:17 PM



#66
n-Nitrosodiphenylamine
Concen: 40.759 ng
RT: 15.97 min Scan# 2158
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	444348		
168	70.1	55.7	83.5	
167	38.6	31.3	46.9	





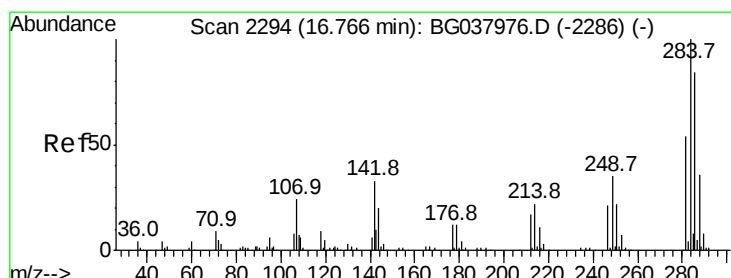
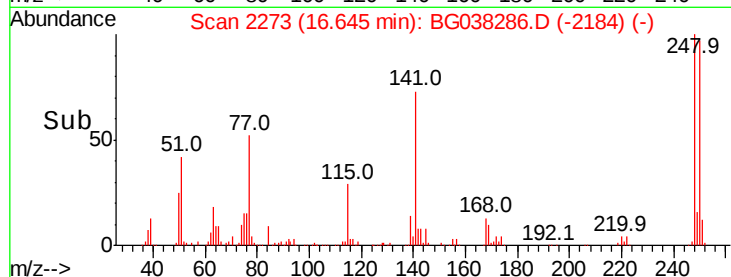
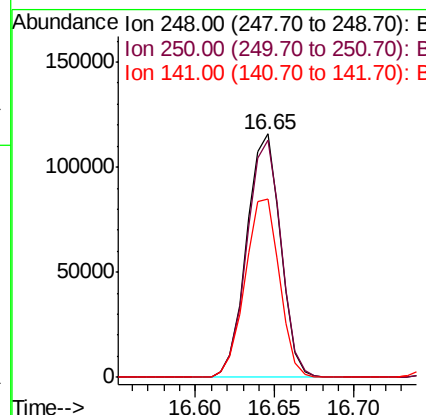
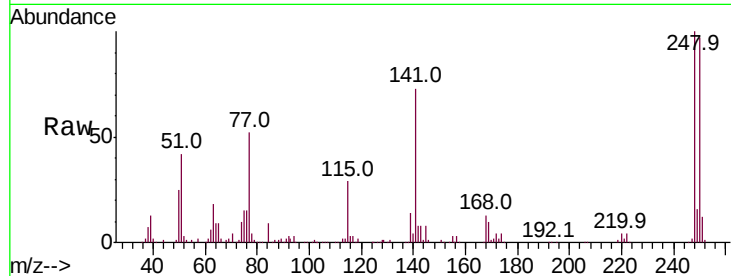
#67
 4-Bromophenyl-phenylether
 Concen: 43.364 ng
 RT: 16.65 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.0	115.6
141	73.1	55.5	83.3

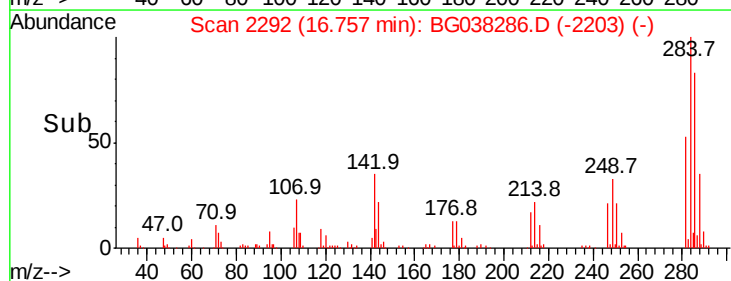
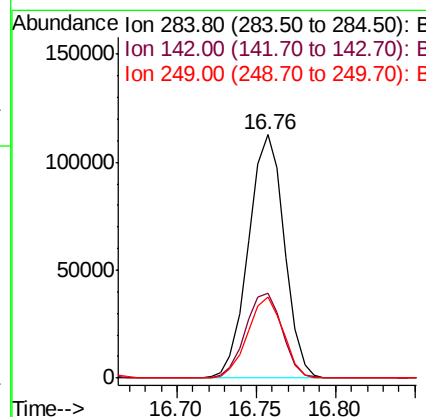
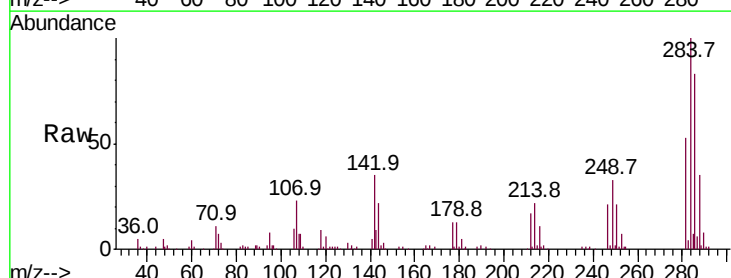
Manual Integrations
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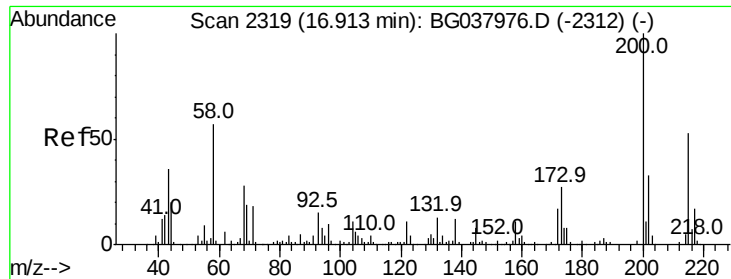
mohammad
 12/3/2018 5:13:17 PM



#68
 Hexachlorobenzene
 Concen: 43.427 ng
 RT: 16.76 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	28.1	42.1
249	35.7	29.8	44.8





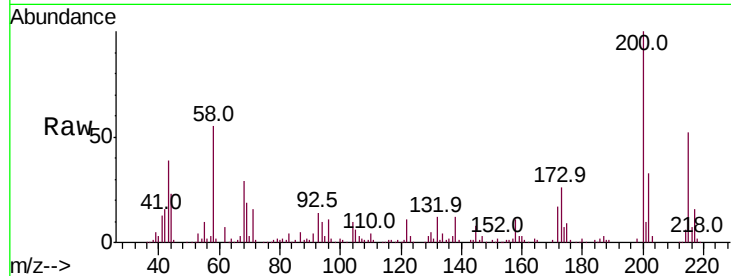
#69
Atrazine
Concen: 41.620 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	6.1	46.1
215	51.8	30.8	70.8

Manual Integrations
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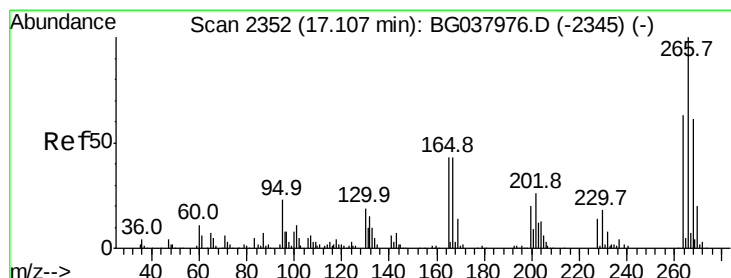
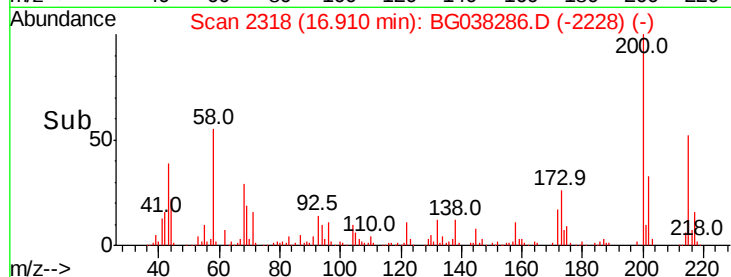
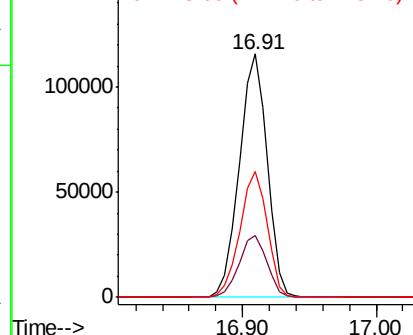


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 48.815 ng
RT: 17.10 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

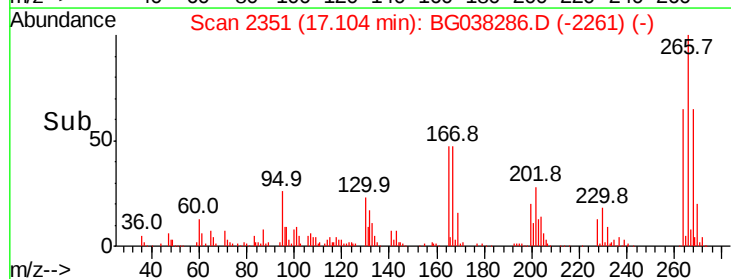
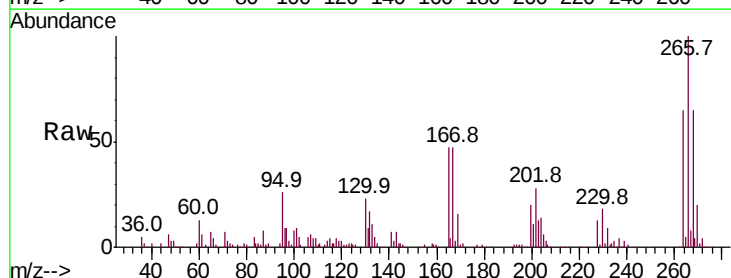
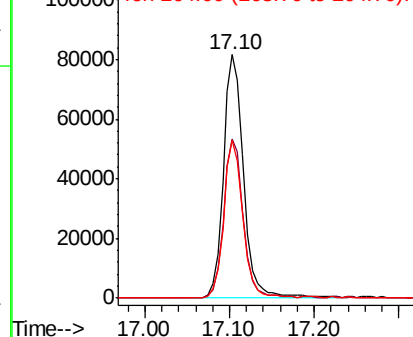
Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.5	55.0	82.6
264	69.8	58.9	88.3

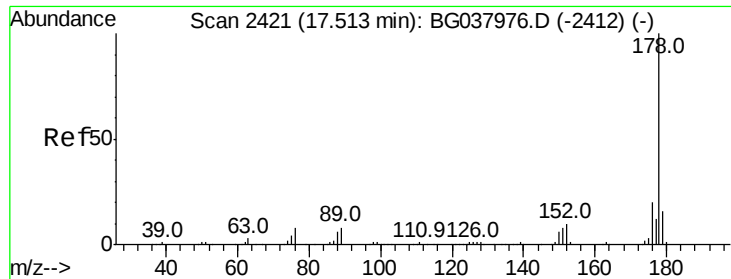
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





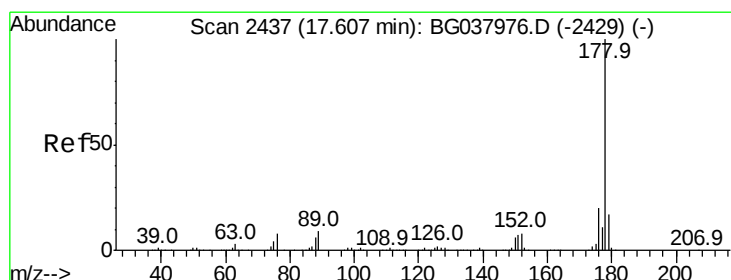
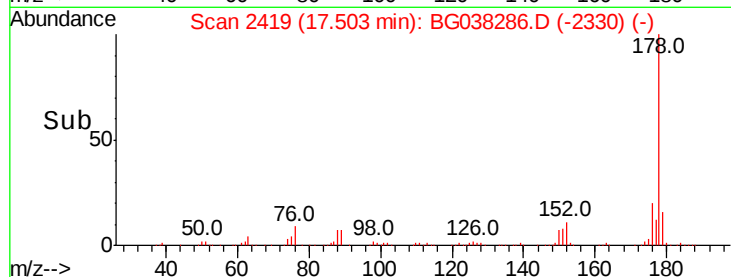
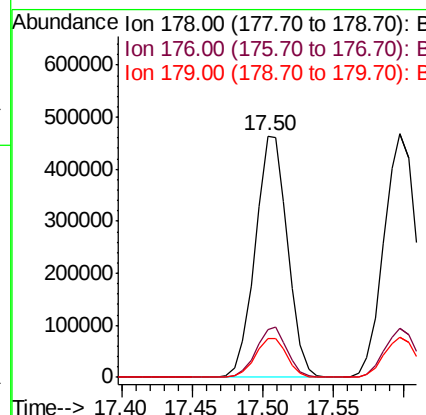
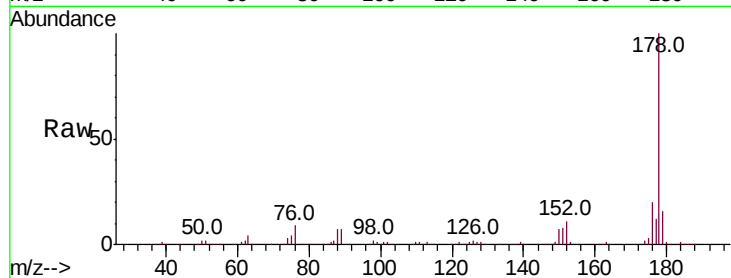
#71
 Phenanthrene
 Concen: 40.335 ng
 RT: 17.50 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	16.3	13.0	19.4

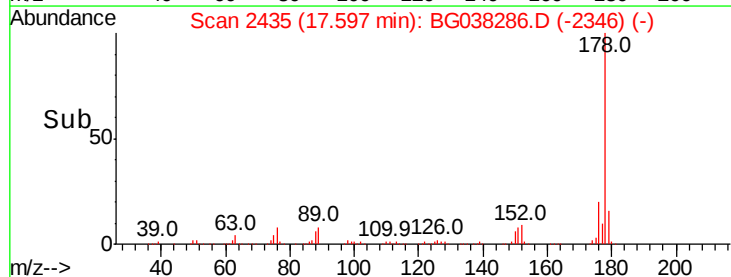
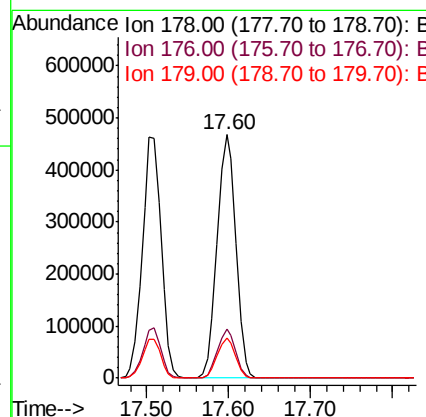
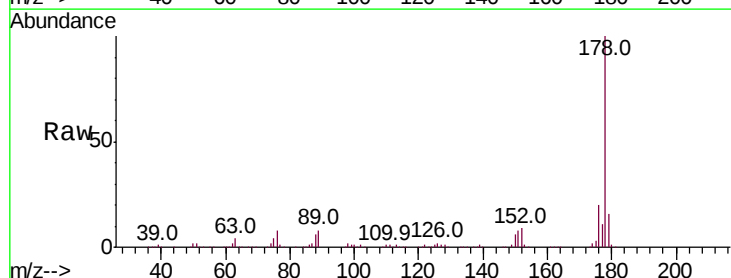
Manual Integrations
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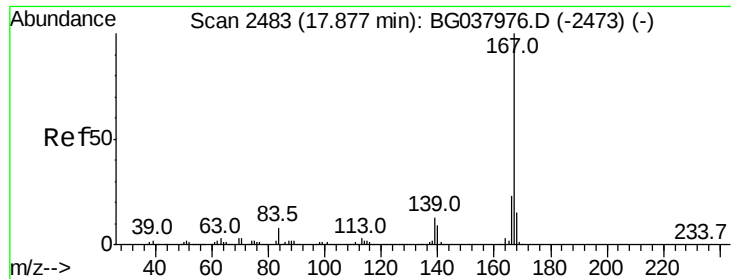
mohammad
 12/3/2018 5:13:17 PM



#72
 Anthracene
 Concen: 41.152 ng
 RT: 17.60 min Scan# 2435
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.4
179	16.3	12.8	19.2





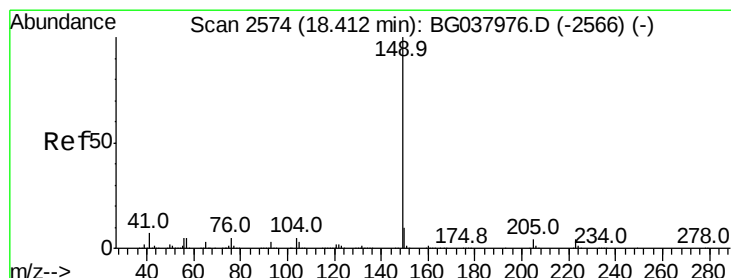
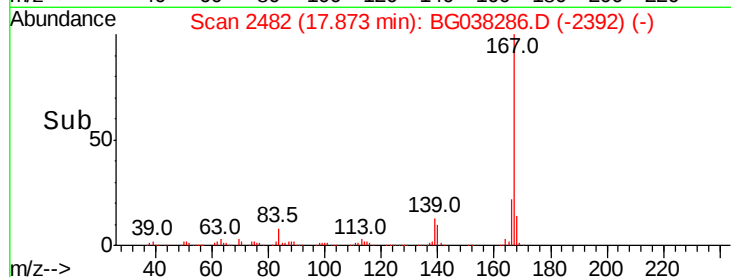
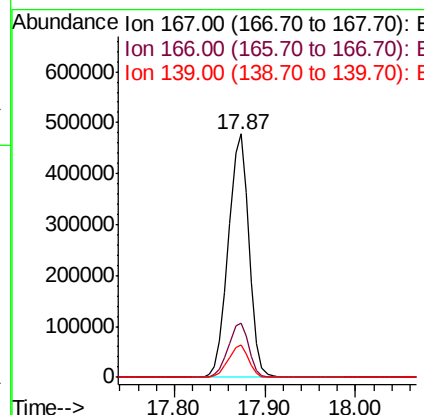
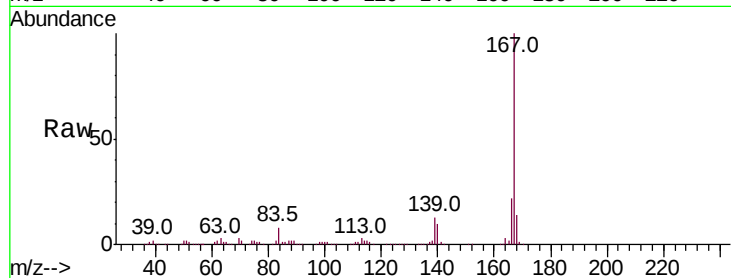
#73
 Carbazole
 Concen: 41.373 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.3	27.5
139	13.4	10.5	15.7

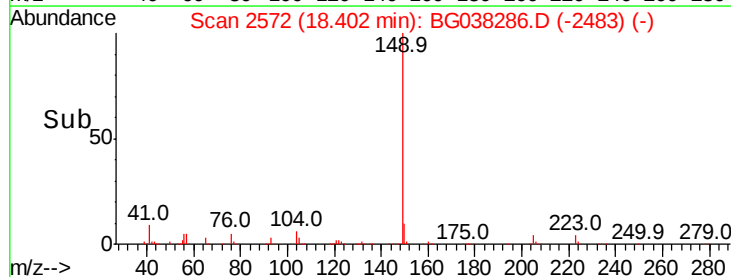
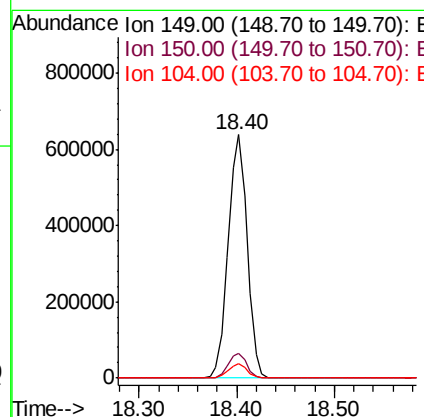
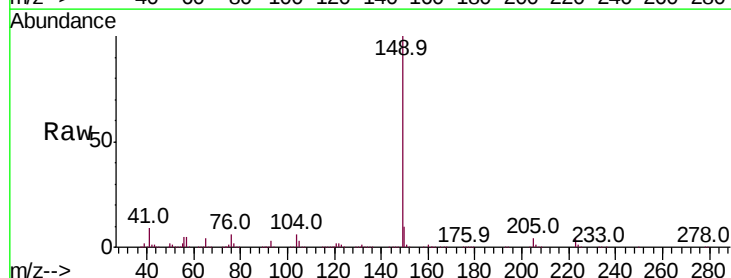
Manual Integrations
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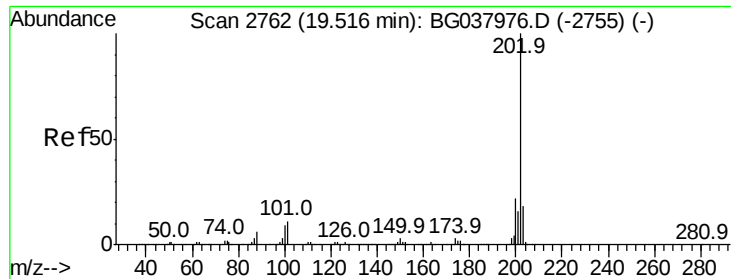
mohammad
 12/3/2018 5:13:17 PM



#74
 Di-n-butylphthalate
 Concen: 41.887 ng
 RT: 18.40 min Scan# 2572
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.9	4.0	6.0





#75

Fluoranthene

Concen: 41.931 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

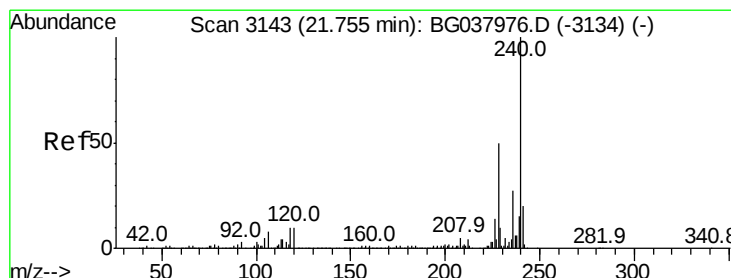
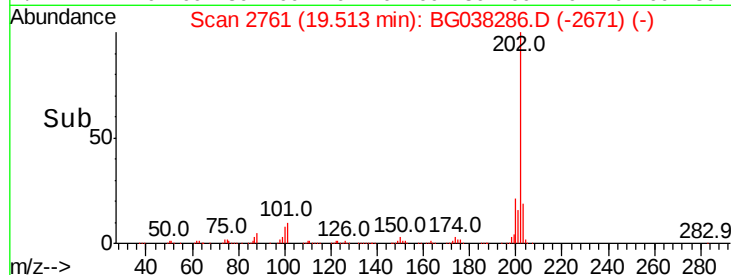
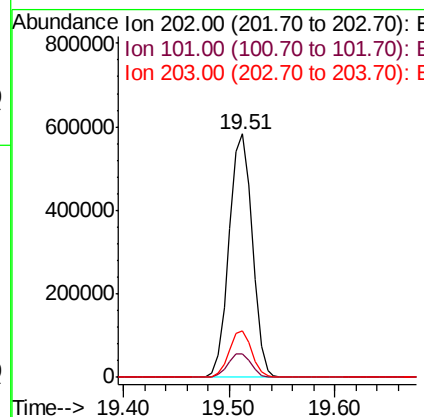
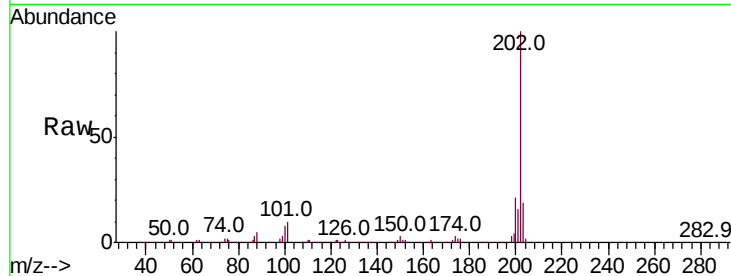
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	882652
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.7
203	18.8	0.0	38.5

Manual Integrations
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mohammad
12/3/2018 5:13:17 PM



#76

Chrysene-d12

Concen: 20.000 ng

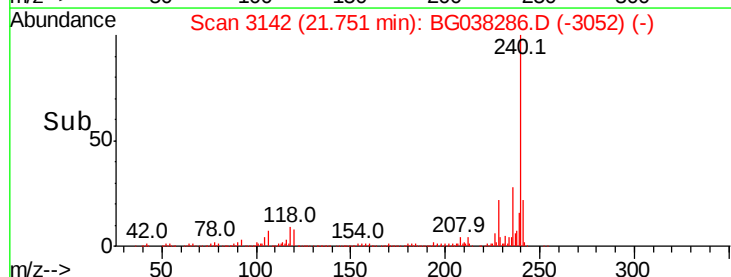
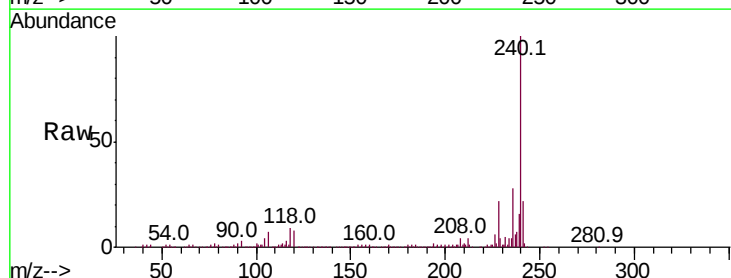
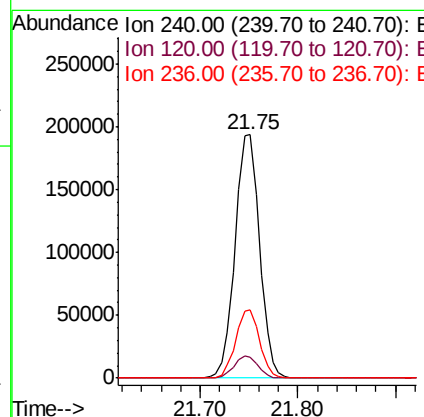
RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Tgt Ion:	240	Resp:	338948
Ion Ratio	Lower	Upper	
240	100		
120	8.5	8.1	12.1
236	27.9	21.4	32.0





#77

Benzidine

Concen: 40.639 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

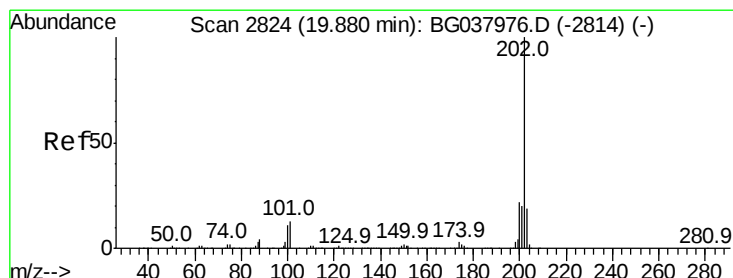
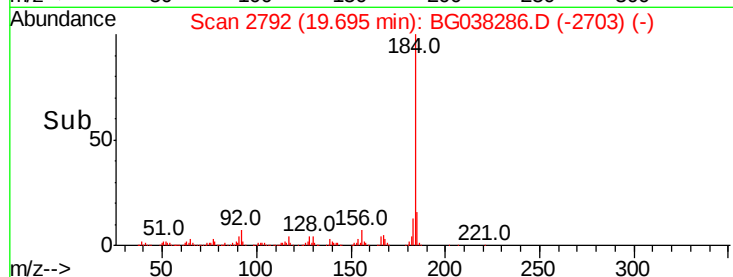
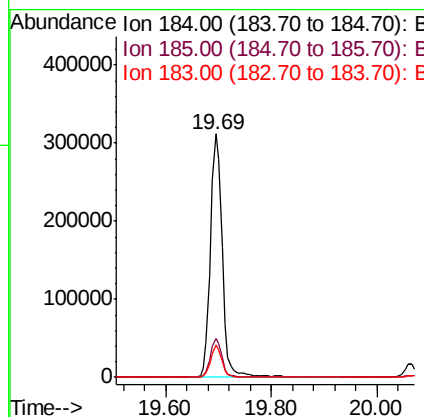
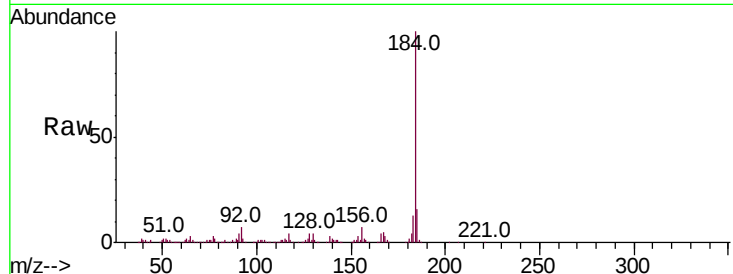
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	483338
Ion Ratio	Lower	Upper	
184	100		
185	16.1	12.6	18.8
183	13.1	10.2	15.2

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#78

Pyrene

Concen: 40.155 ng

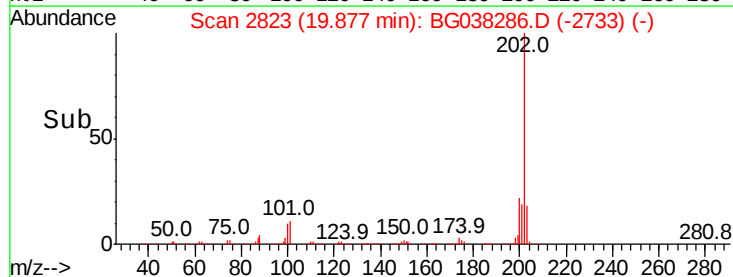
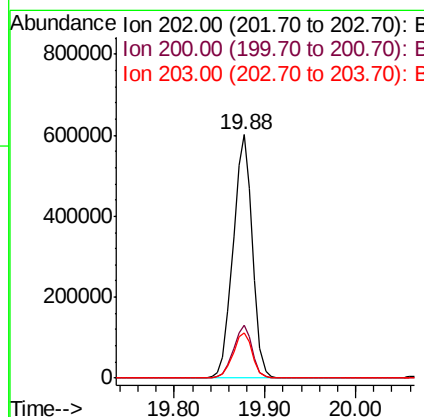
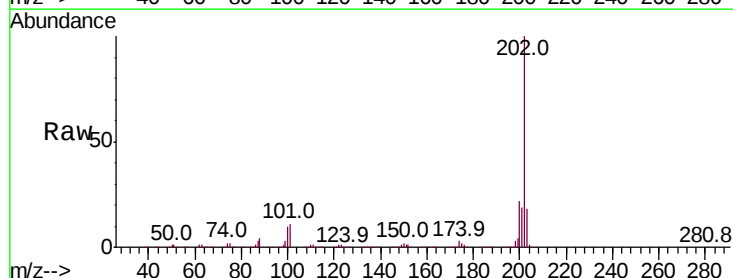
RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Tgt Ion:	202	Resp:	889855
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.6
203	18.4	15.2	22.8





#79

Terphenyl-d14

Concen: 83.584 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1204018

Ion Ratio Lower Upper

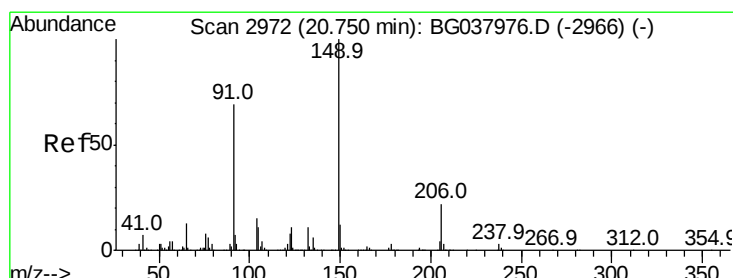
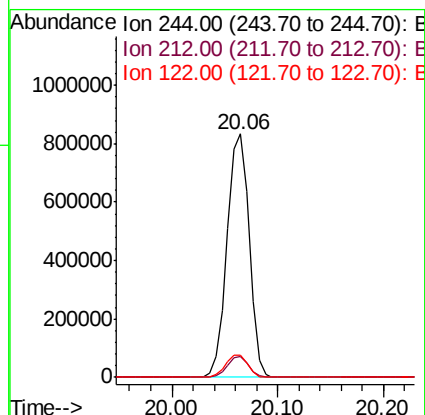
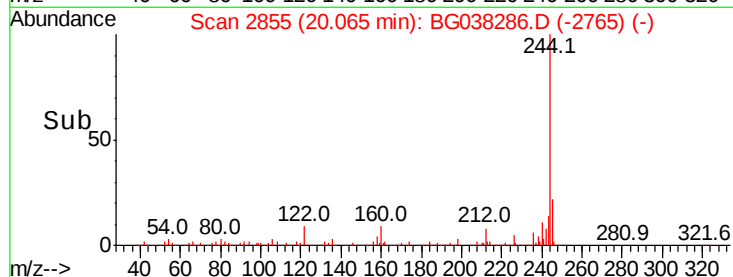
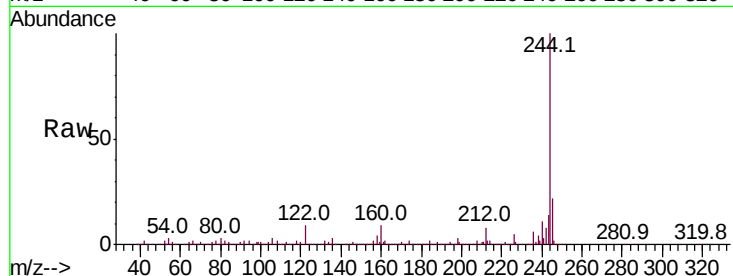
244 100

212 8.3 6.5 9.7

122 9.3 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 42.026 ng

RT: 20.74 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BG038286.D

Acq: 1 Dec 2018 14:08

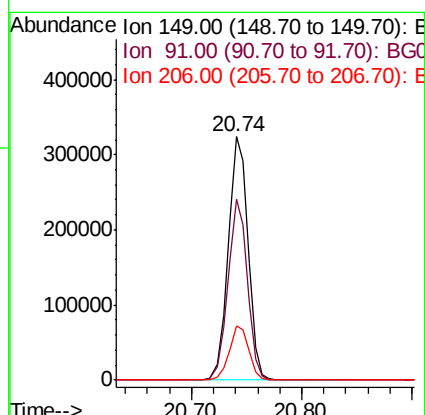
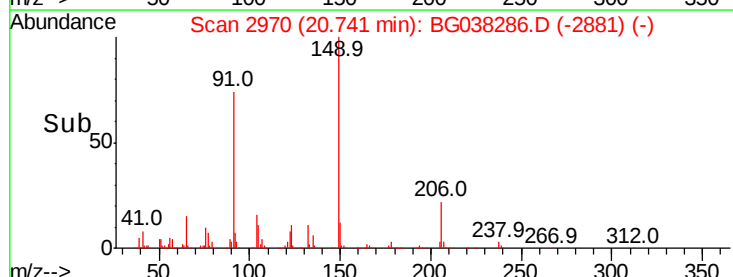
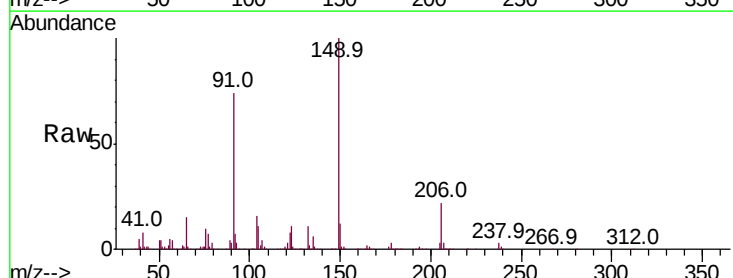
Tgt Ion:149 Resp: 407283

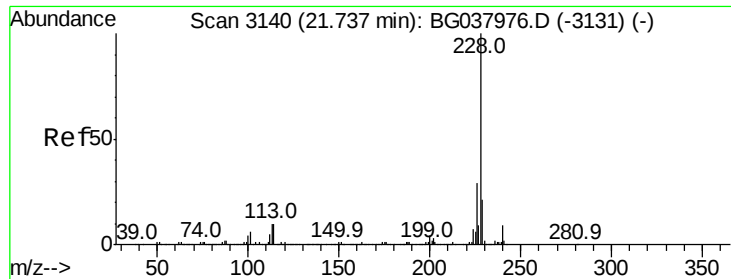
Ion Ratio Lower Upper

149 100

91 74.1 57.0 85.4

206 22.4 17.8 26.6





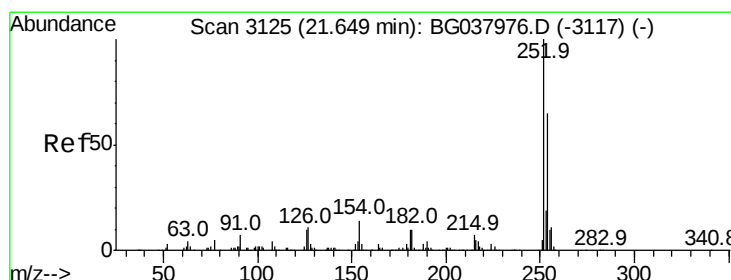
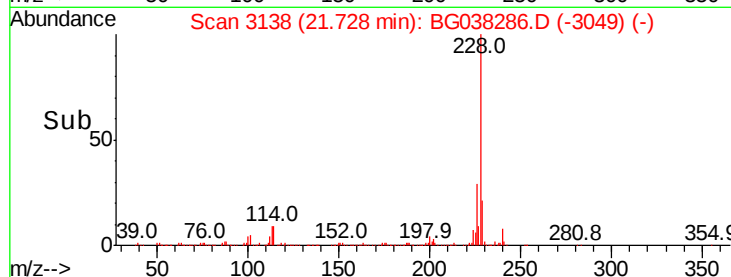
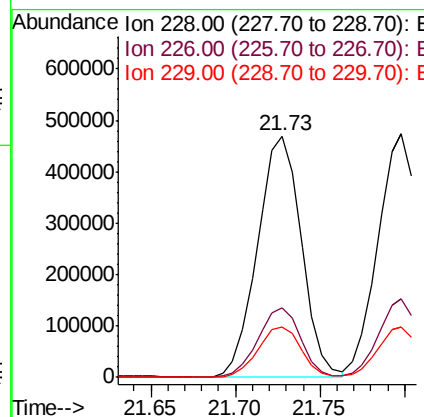
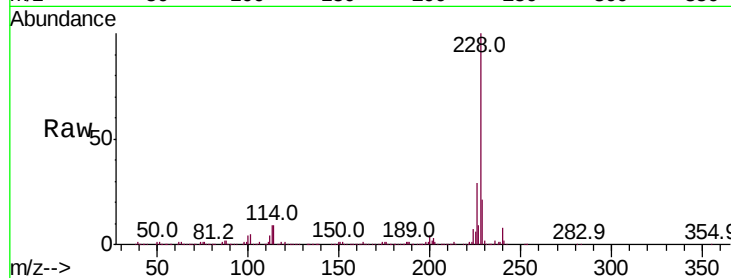
#81
Benzo(a)anthracene
Concen: 41.358 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	33.8
229	21.1	16.3	24.5

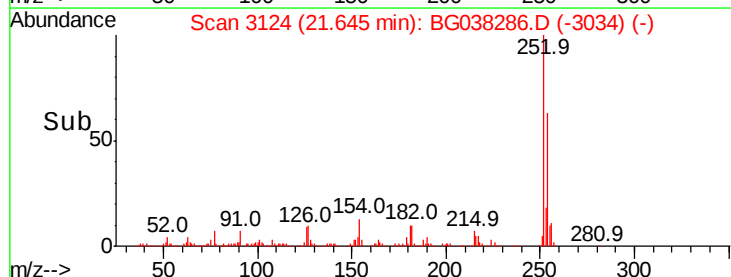
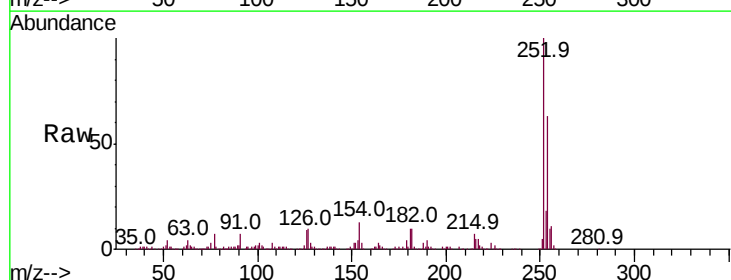
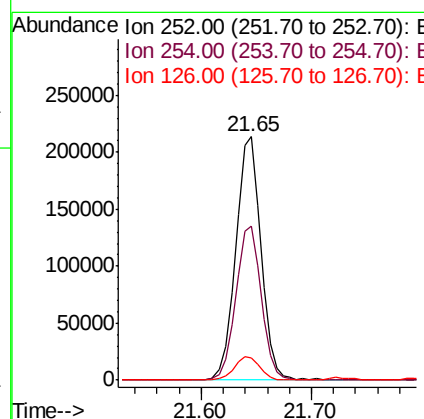
Manual Integrations
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#82
3,3'-Dichlorobenzidine
Concen: 42.957 ng
RT: 21.65 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.0	78.0
126	9.1	8.2	12.4





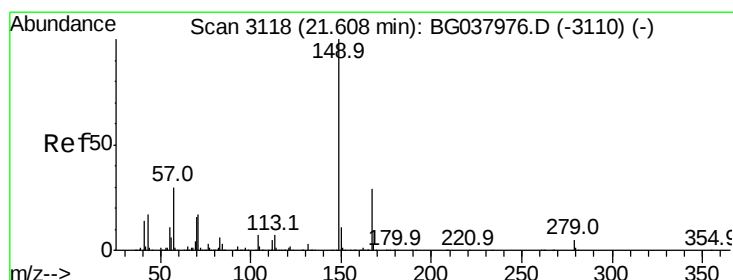
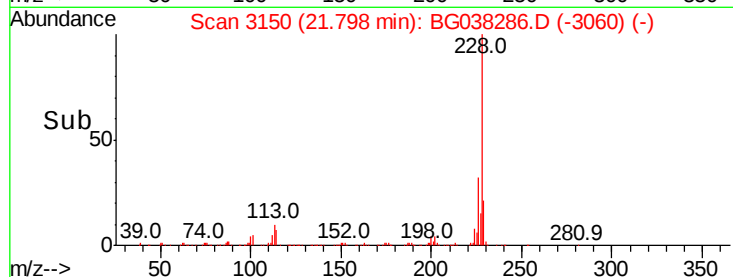
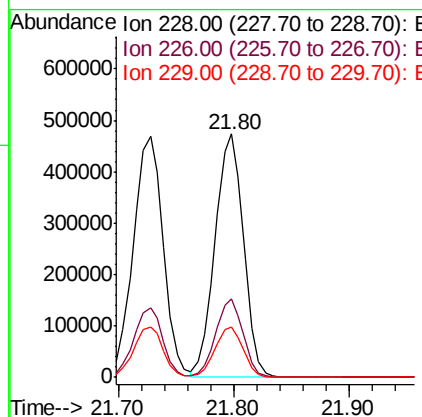
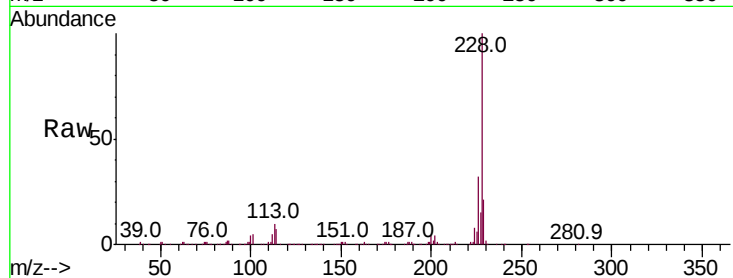
#83
Chrysene
Concen: 41.056 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.7	38.5
229	20.9	16.5	24.7

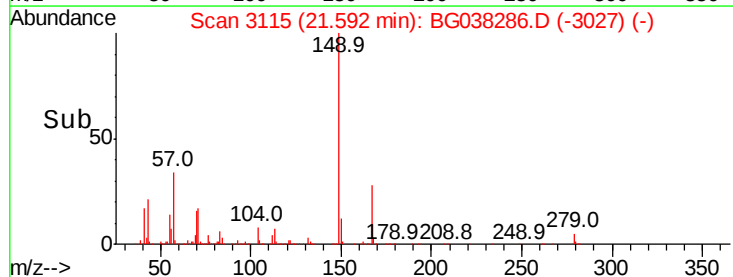
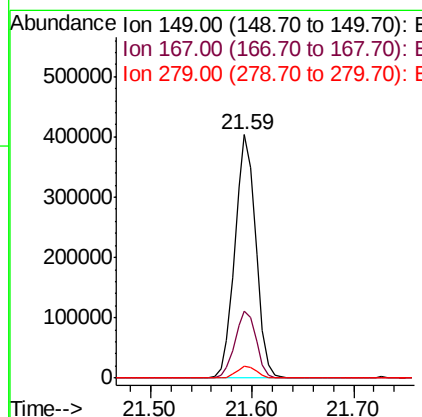
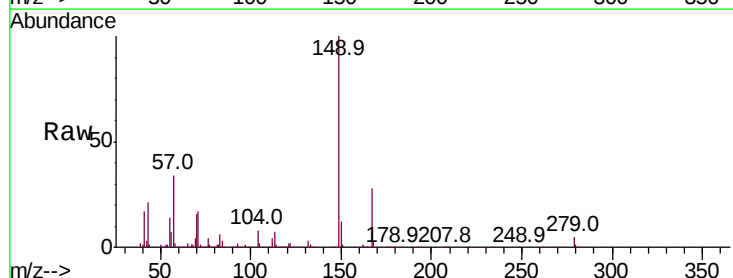
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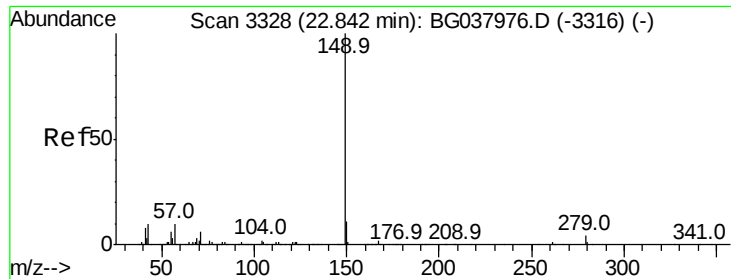
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.719 ng
RT: 21.59 min Scan# 3115
Delta R.T. -0.02 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.8	3.6	5.4





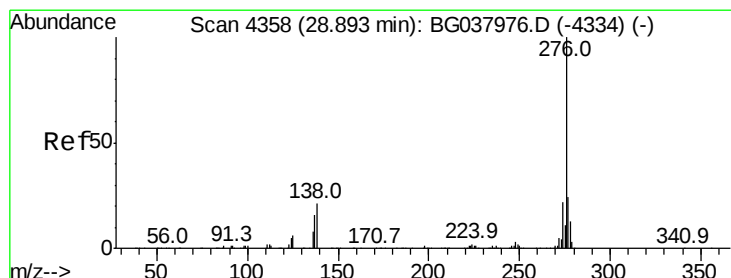
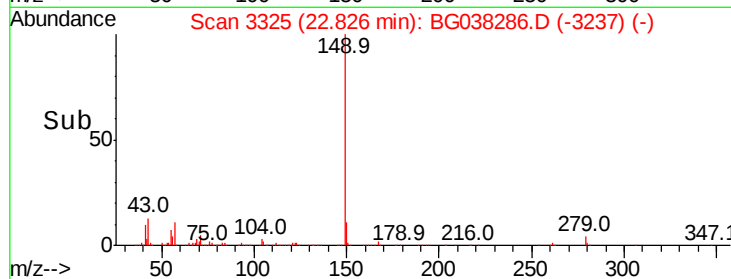
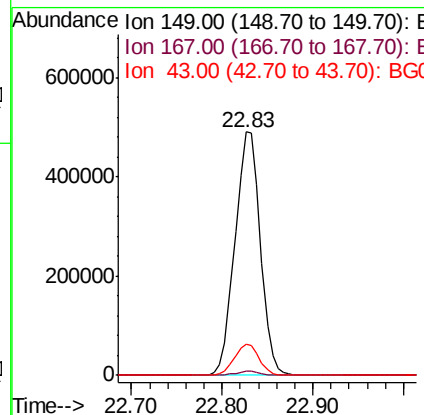
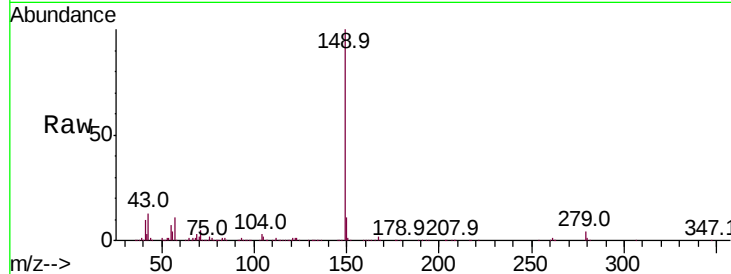
#85
Di-n-octyl phthalate
Concen: 42.717 ng
RT: 22.83 min Scan# 3325
Delta R.T. -0.02 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	955115		
167	1.6		1.3	1.9
43	12.5		8.7	13.1

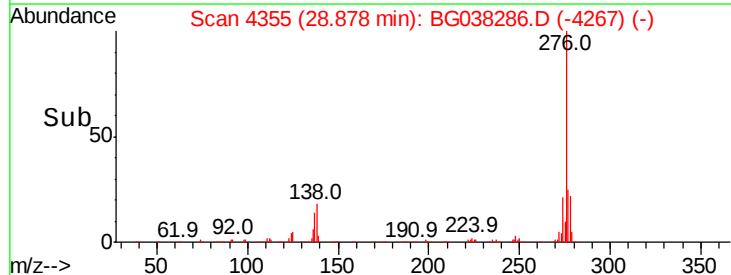
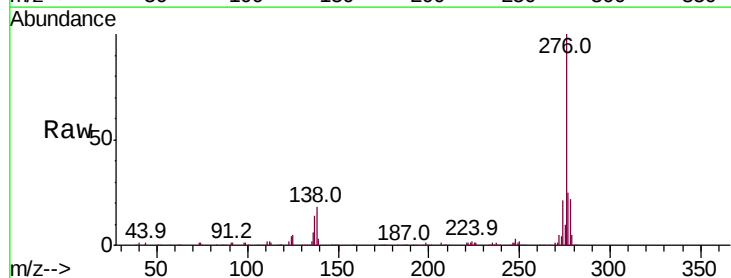
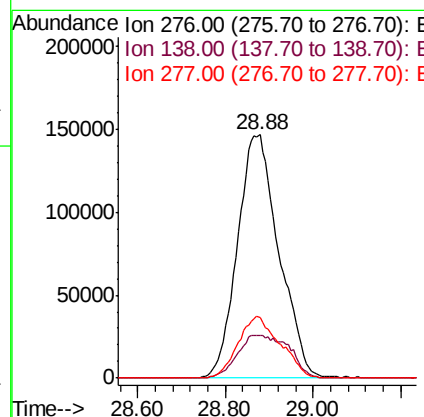
Manual Integrations
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.422 ng
RT: 28.88 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	945121		
138	22.0		12.0	18.0#
277	25.7		20.6	30.8





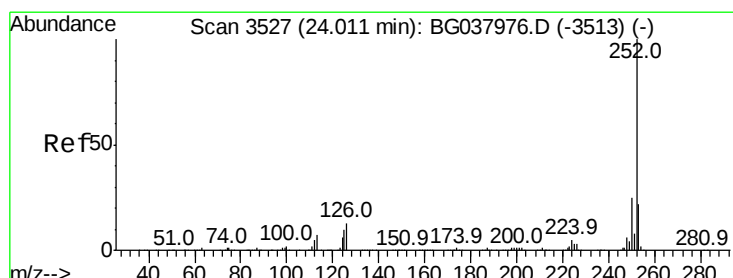
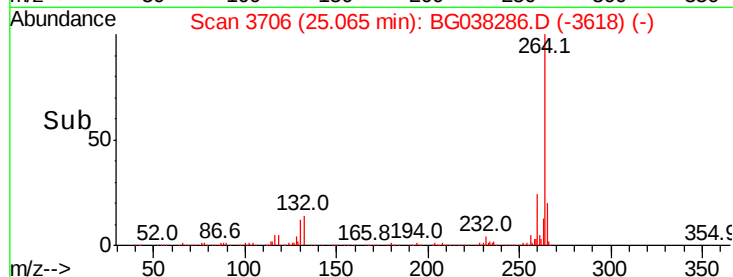
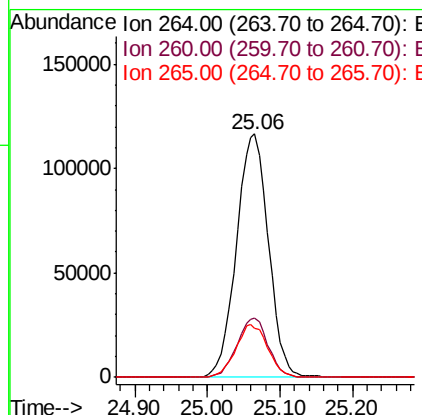
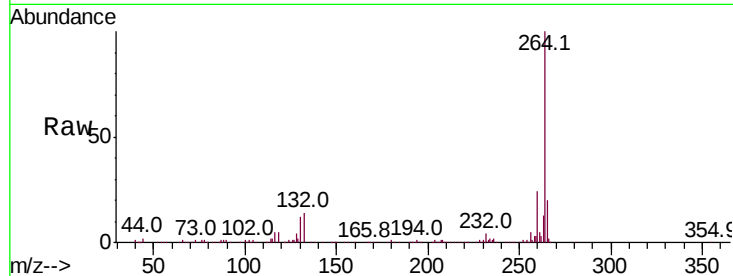
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.02 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.2	27.4
265	20.3	17.9	26.9

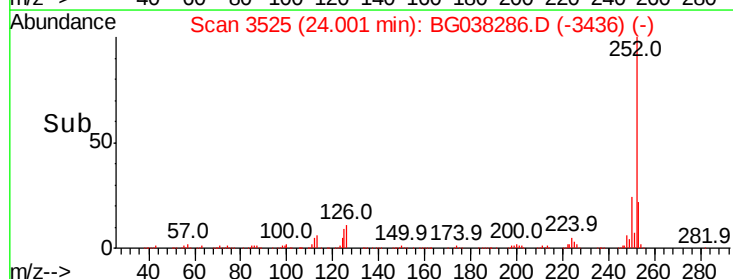
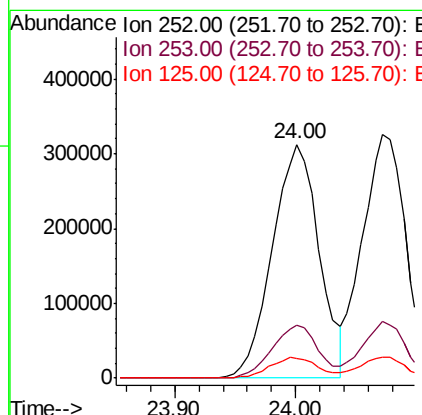
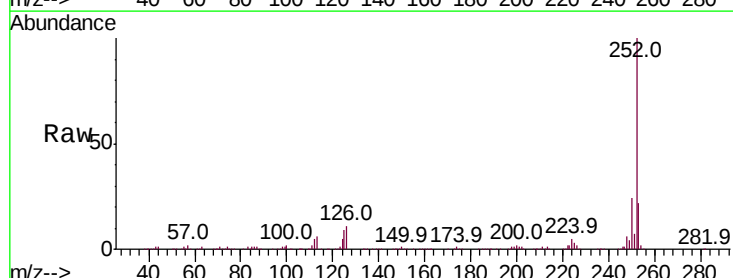
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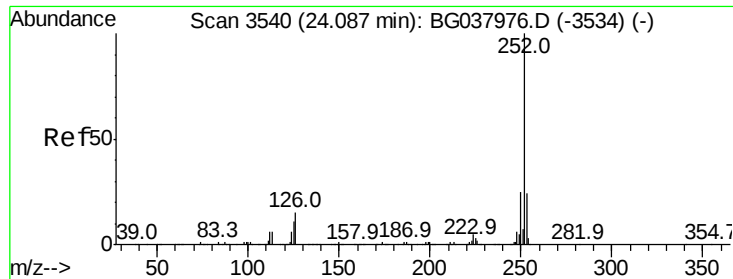
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 42.741 ng
 RT: 24.00 min Scan# 3525
 Delta R.T. -0.01 min
 Lab File: BG038286.D
 Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	8.6	7.8	11.6





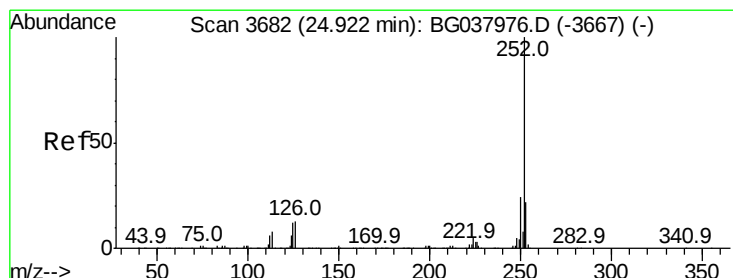
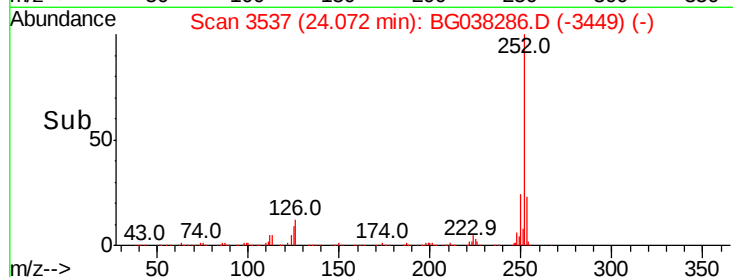
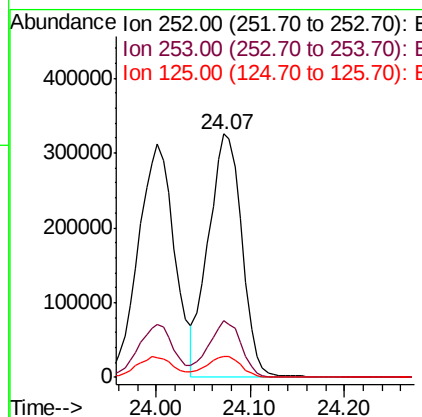
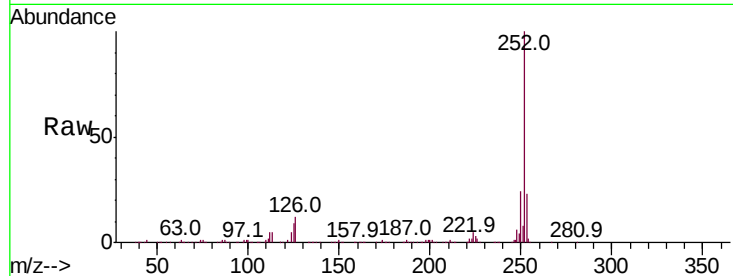
#89
Benzo(k)fluoranthene
Concen: 41.789 ng
RT: 24.07 min Scan# 3537
Delta R.T. -0.02 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	8.6	7.4	11.0

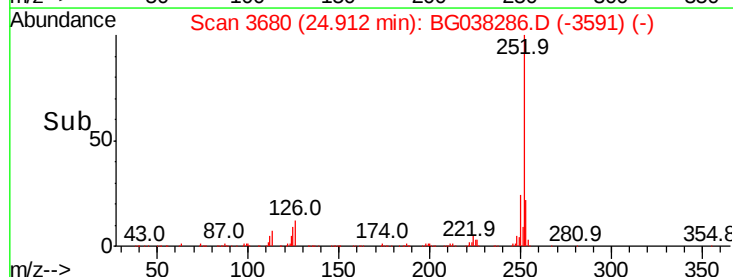
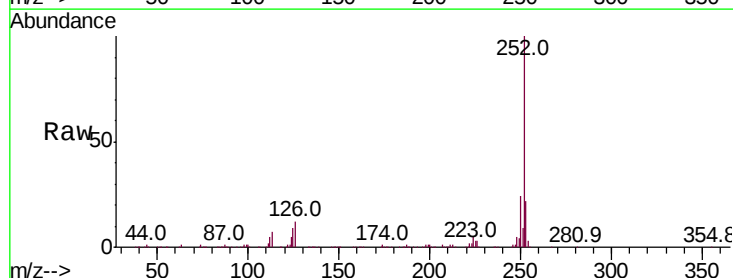
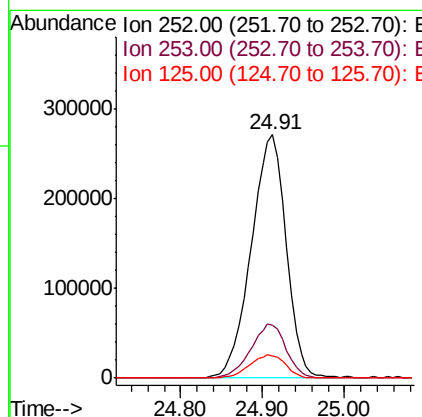
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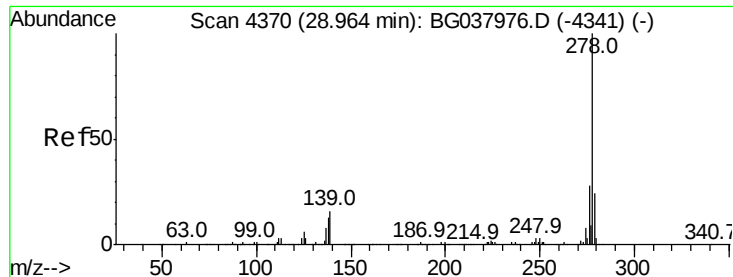
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#90
Benzo(a)pyrene
Concen: 43.047 ng
RT: 24.91 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.3	9.0	13.6





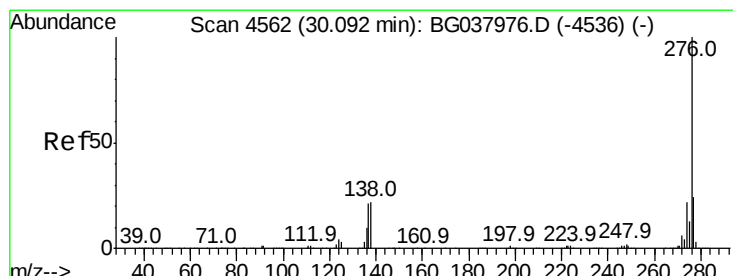
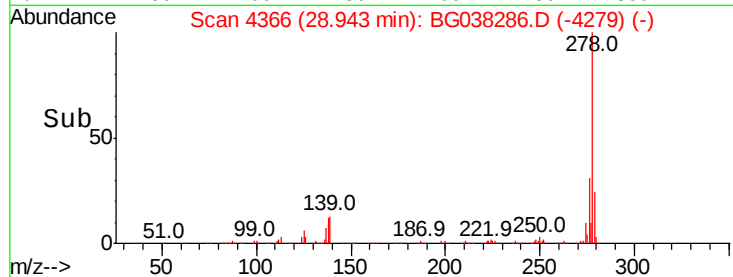
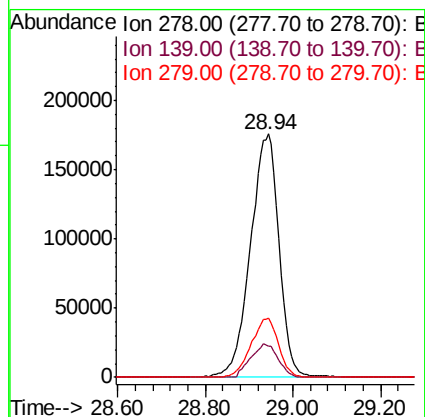
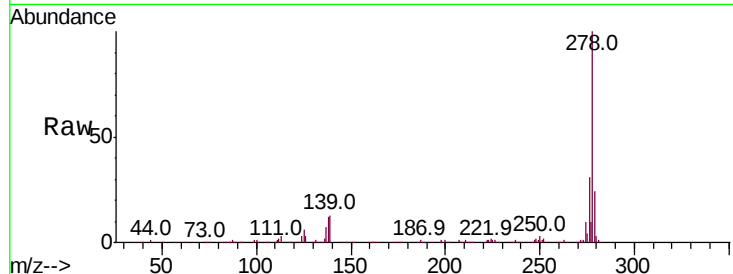
#91
Dibenzo(a,h)anthracene
Concen: 43.266 ng
RT: 28.94 min Scan# 4366
Delta R.T. -0.02 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion:	278	Resp:	780207
Ion Ratio	Lower	Upper	
278	100		
139	12.8	11.5	17.3
279	24.2	18.6	27.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 43.286 ng
RT: 30.08 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BG038286.D
Acq: 1 Dec 2018 14:08

Tgt Ion:	276	Resp:	776130
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.9	28.3
138	18.1	17.2	25.8

