

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
 Data File : BG041778.D
 Acq On : 27 Jul 2019 15:45
 Operator : HP/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Manual Integrations
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mohammad
 7/29/2019 5:30:16 PM

Quant Time: Jul 29 06:40:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 29 05:48:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	94406	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	408796	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	293645	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	635915	20.00	ng	0.00
76) Chrysene-d12	21.74	240	624277	20.00	ng	0.00
87) Perylene-d12	25.02	264	738737	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	483036	83.64	ng	0.00
7) Phenol-d6	7.19	99	657963	84.71	ng	0.00
23) Nitrobenzene-d5	9.22	82	597777	88.93	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	328979	99.41	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	1597963	84.27	ng	0.00
79) Terphenyl-d14	20.07	244	2392831	89.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.48	88	112857	41.147	ng	93
3) Pyridine	3.88	79	309874	42.324	ng	92
4) n-Nitrosodimethylamine	3.79	42	123381	36.492	ng	89
6) Aniline	7.37	93	458160	43.887	ng	95
8) 2-Chlorophenol	7.61	128	278787	42.642	ng	94
9) Benzaldehyde	7.17	77	229689	51.147	ng	94
10) Phenol	7.22	94	341835	41.770	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	275307	41.654	ng	94
12) 1,3-Dichlorobenzene	7.94	146	352829	45.229	ng	97
13) 1,4-Dichlorobenzene	8.08	146	358711	45.916	ng	96
14) 1,2-Dichlorobenzene	8.41	146	339290	46.064	ng	96
15) Benzyl Alcohol	8.28	79	257964	41.715	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	488599	35.676	ng	94
17) 2-Methylphenol	8.49	107	247036	43.649	ng	99
18) Hexachloroethane	9.15	117	122116	42.677	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	234901	41.375	ng	93
20) 3+4-Methylphenols	8.82	107	339993	43.838	ng	98
22) Acetophenone	8.87	105	442818	44.475	ng	# 93
24) Nitrobenzene	9.26	77	309999	42.276	ng	99
25) Isophorone	9.79	82	627855	42.655	ng	98
26) 2-Nitrophenol	9.97	139	147315	46.440	ng	96
27) 2,4-Dimethylphenol	10.03	122	256099	43.974	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	393922	43.422	ng	98
29) 2,4-Dichlorophenol	10.51	162	313537	47.220	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	385427	49.437	ng	98
31) Naphthalene	10.92	128	909062	45.169	ng	98
32) Benzoic acid	10.18	122	172890m	42.269	ng	
33) 4-Chloroaniline	11.02	127	434756	46.832	ng	98
34) Hexachlorobutadiene	11.21	225	261056	52.097	ng	98
35) Caprolactam	11.80	113	108092	44.289	ng	# 85
36) 4-Chloro-3-methylphenol	12.15	107	304430	43.765	ng	96
37) 2-Methylnaphthalene	12.53	142	721193	46.903	ng	100
38) 1-Methylnaphthalene	12.75	142	676102	46.122	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	452285	44.966	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	260701	45.819	nq	99
43) 2,4,6-Trichlorophenol	13.13	196	296226	45.325	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	301051	43.720	nq	95
46) 1,1'-Biphenyl	13.53	154	908311	41.288	nq	98
47) 2-Chloronaphthalene	13.58	162	775516	42.298	nq	98
48) 2-Nitroaniline	13.77	65	205751	38.543	nq	93
49) Acenaphthylene	14.43	152	1153414	40.298	nq	98
50) Dimethylphthalate	14.16	163	971564	42.127	nq	99
51) 2,6-Dinitrotoluene	14.27	165	210304	42.991	nq	91
52) Acenaphthene	14.77	154	755066	41.861	nq	99
53) 3-Nitroaniline	14.60	138	225073	42.148	nq	91
54) 2,4-Dinitrophenol	14.80	184	105251	49.780	nq	96
55) Dibenzofuran	15.10	168	1143782	42.258	nq	97
56) 4-Nitrophenol	14.90	139	170594	39.458	nq	97
57) 2,4-Dinitrotoluene	15.06	165	291249	45.040	nq	94
58) Fluorene	15.76	166	917564	41.663	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	298038	46.883	nq	# 93
60) Diethylphthalate	15.52	149	952149	40.981	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	561905	45.135	nq	97
62) 4-Nitroaniline	15.76	138	238149	42.050	nq	97
63) Azobenzene	16.04	77	767463	36.537	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	148963	53.183	nq	88
66) n-Nitrosodiphenylamine	15.96	169	840124	44.988	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	383237	50.649	nq	96
68) Hexachlorobenzene	16.77	284	402562	52.834	nq	93
69) Atrazine	16.91	200	339387	50.080	nq	99
70) Pentachlorophenol	17.10	266	241687	50.730	nq	99
71) Phenanthrene	17.49	178	1476746	46.113	nq	97
72) Anthracene	17.59	178	1481926	46.423	nq	97
73) Carbazole	17.85	167	1330554	44.943	nq	97
74) Di-n-butylphthalate	18.42	149	1551082	42.956	nq	98
75) Fluoranthene	19.50	202	1794221	45.627	nq	95
77) Benzidine	19.68	184	1008139	47.942	nq	99
78) Pyrene	19.87	202	1802743	42.697	nq	96
80) Butylbenzylphthalate	20.76	149	727467	41.463	nq	92
81) Benzo(a)anthracene	21.72	228	1796201	44.532	nq	98
82) 3,3'-Dichlorobenzidine	21.63	252	735728	46.353	nq	98
83) Chrysene	21.79	228	1717782	44.570	nq	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	985107	39.767	nq	99
85) Di-n-octyl phthalate	22.88	149	1666072	39.493	nq	# 92
86) Indeno(1,2,3-cd)pyrene	28.77	276	2298167	45.191	nq	# 89
88) Benzo(b)fluoranthene	23.98	252	1969454	43.951	nq	# 96
89) Benzo(k)fluoranthene	24.05	252	1920505	46.253	nq	# 97
90) Benzo(a)pyrene	24.86	252	1888226	44.538	nq	# 96
91) Dibenzo(a,h)anthracene	28.84	278	1859870	45.245	nq	96
92) Benzo(g,h,i)perylene	29.93	276	1853102	44.984	nq	96

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

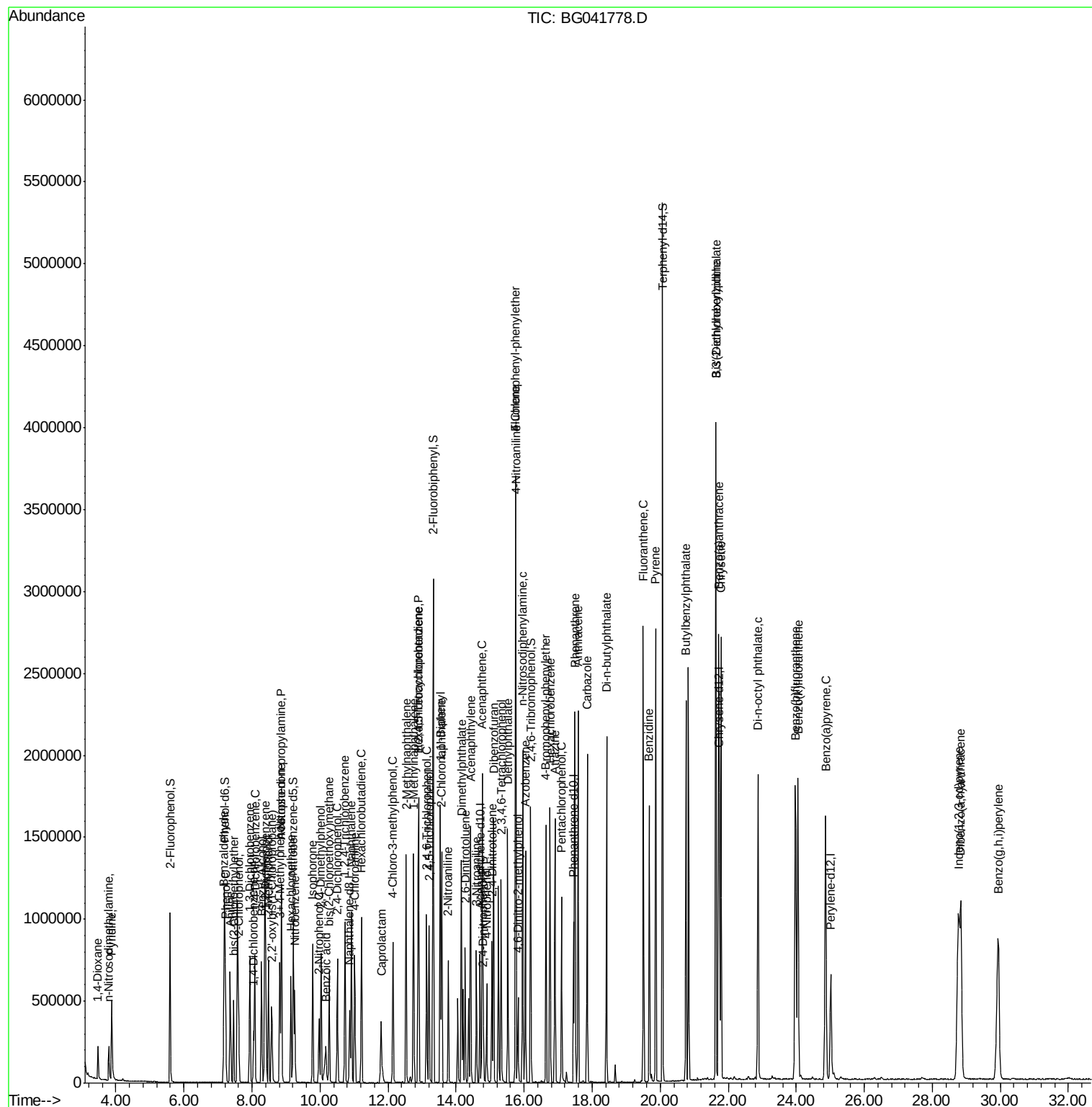
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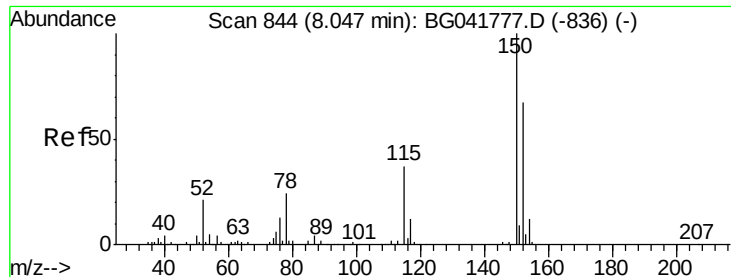
Instrument :
BNA_G
ClientSampleId :
SSTDICC050

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#1

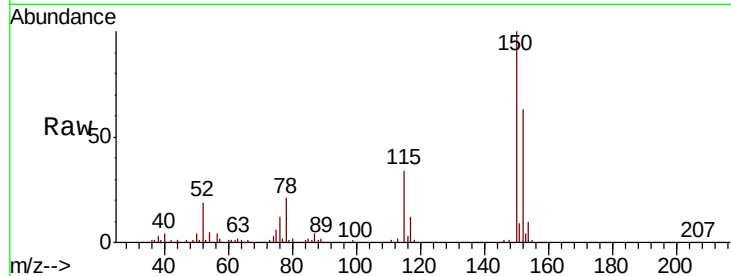
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.9	190.3
115	53.2	45.0	67.6

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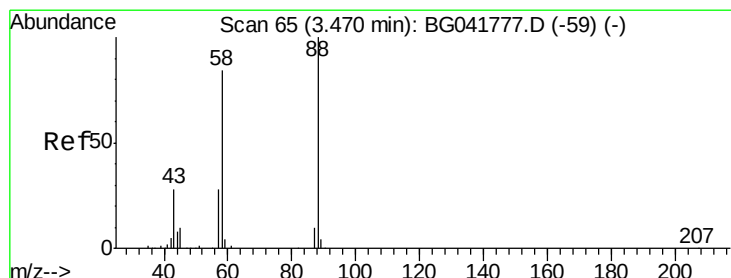
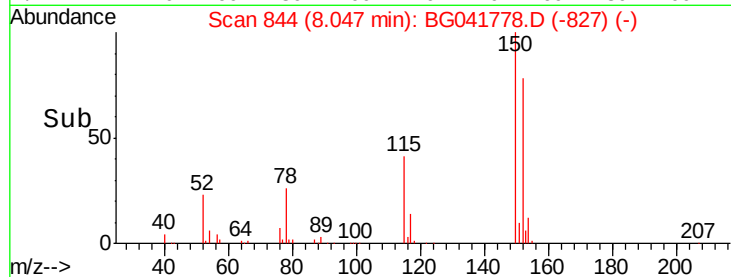
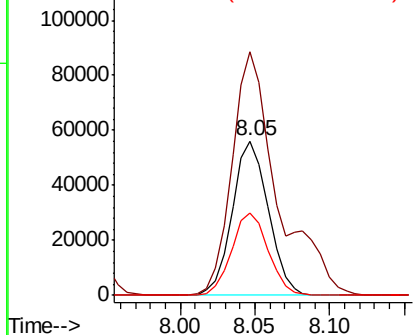


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

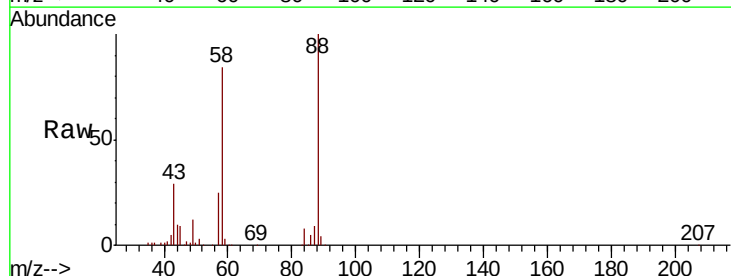
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.147 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.01 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	76.2	114.2
43	31.4	27.2	40.8

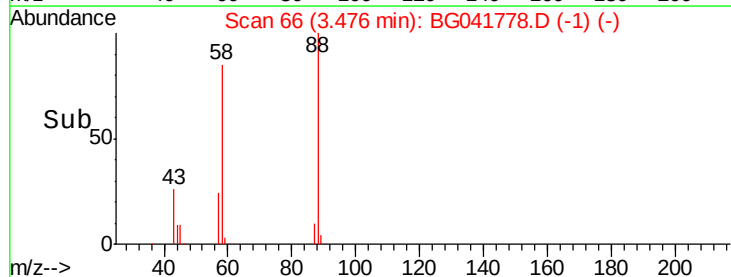
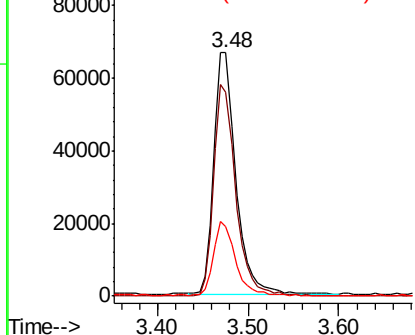


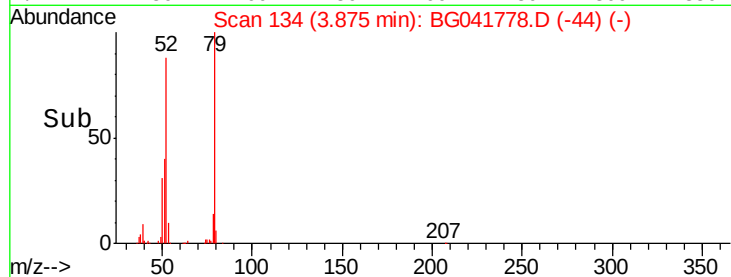
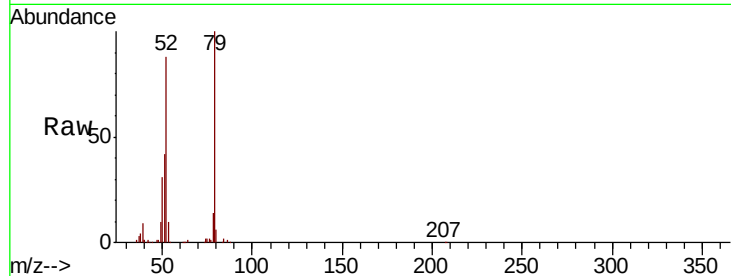
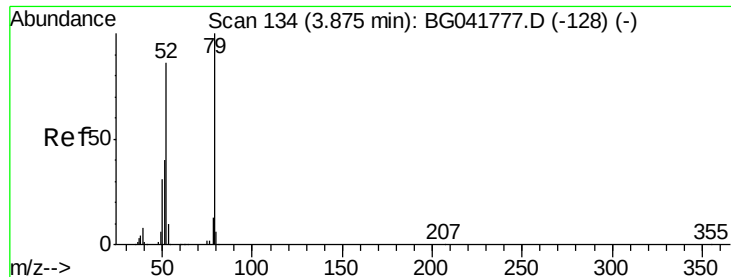
Abundance

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





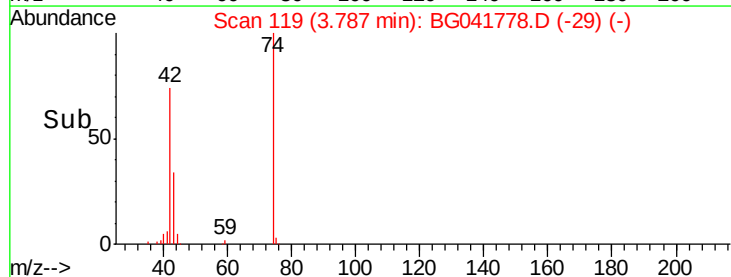
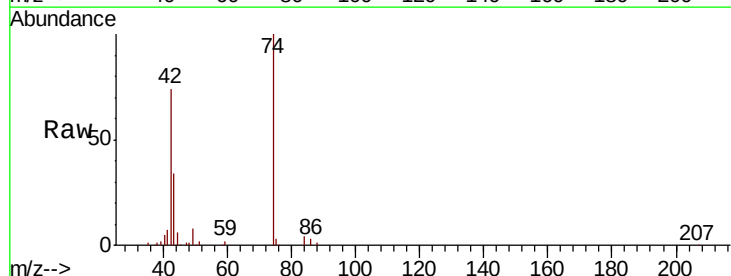
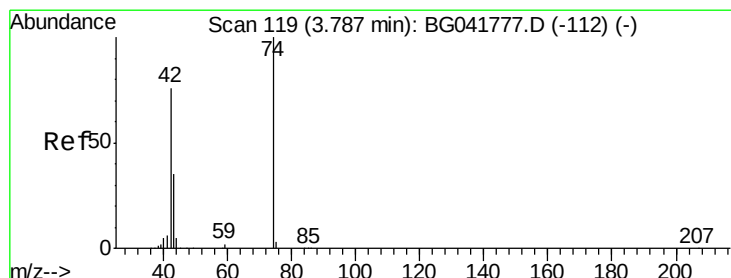
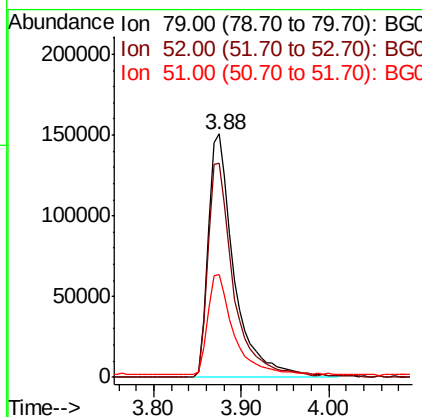
#3
 Pvridine
 Concen: 42.324 ng
 RT: 3.88 min Scan# 134
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tot Ion:	79	Resp:	309874
Ion Ratio	Lower	Upper	
79	100		
52	88.1	77.1	115.7
51	42.2	37.8	56.8

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

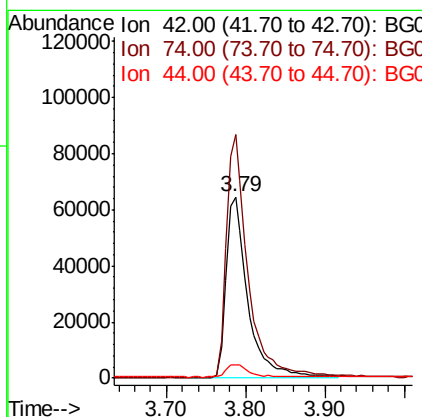
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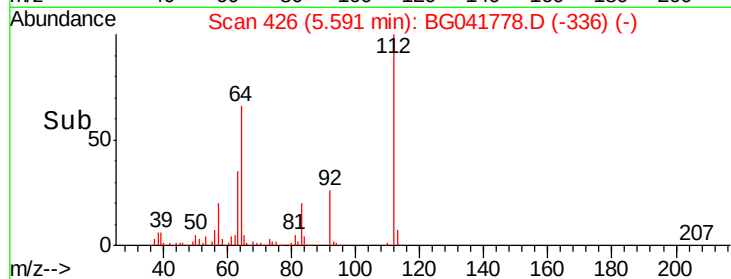
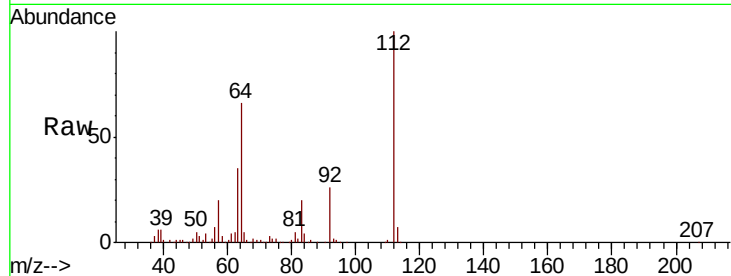
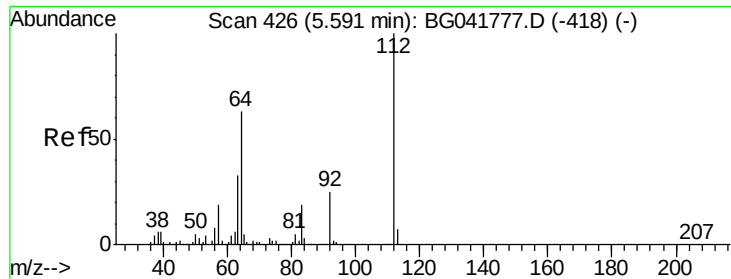
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#4
 n-Nitrosodimethylamine
 Concen: 36.492 ng
 RT: 3.79 min Scan# 119
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion:	42	Resp:	123381
Ion Ratio	Lower	Upper	
42	100		
74	134.3	97.4	146.2
44	7.6	6.6	9.8





#5

2-Fluorophenol

Concen: 83.643 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

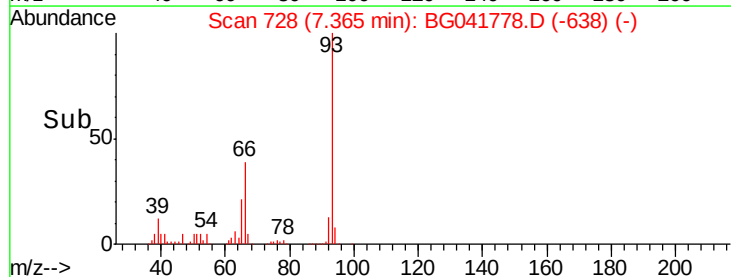
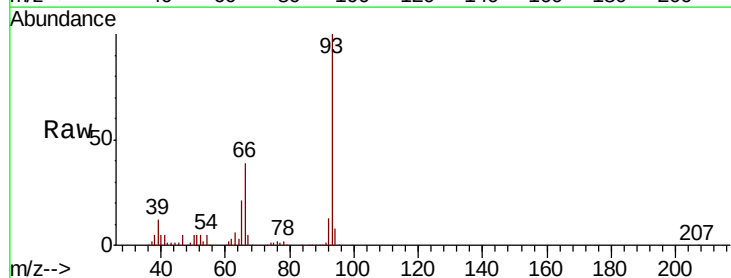
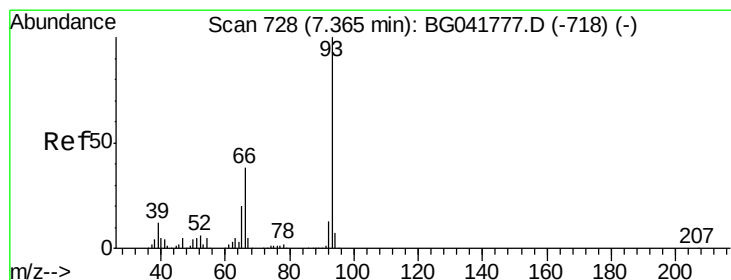
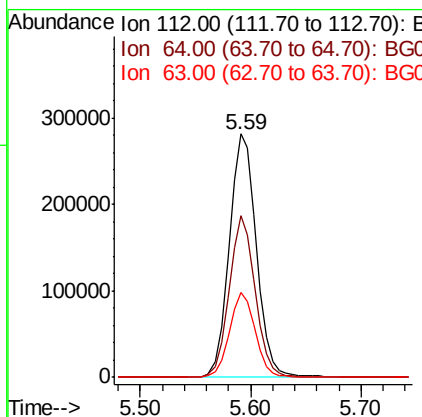
ClientSampleId :

SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		483036		
64	66.4	55.4	83.2		
63	34.6	29.1	43.7		

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#6

Aniline

Concen: 43.887 ng

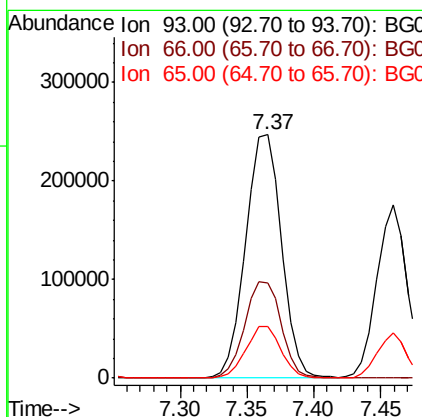
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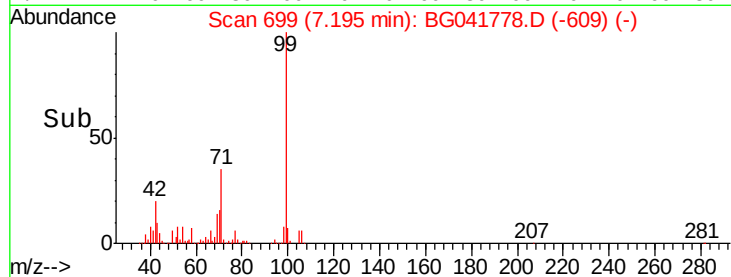
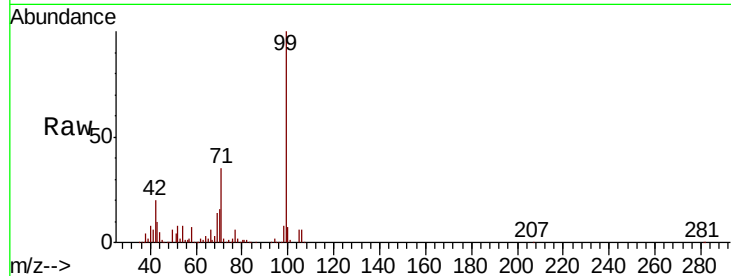
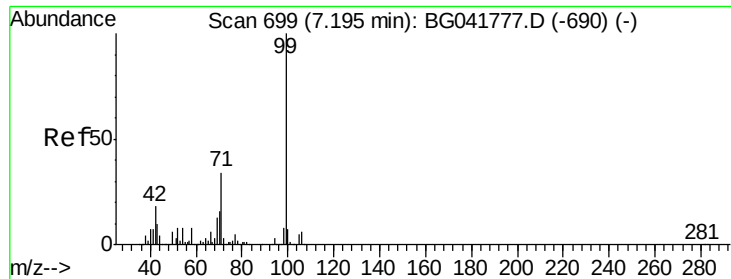
Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		458160		
66	38.8	34.2	51.2		
65	21.0	18.2	27.2		





#7

Phenol-d6

Concen: 84.706 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Tot Ion:	99	Resp:	657963
Ion Ratio	Lower	Upper	
99	100		
42	19.7	17.6	26.4
71	35.0	27.8	41.6

Instrument :

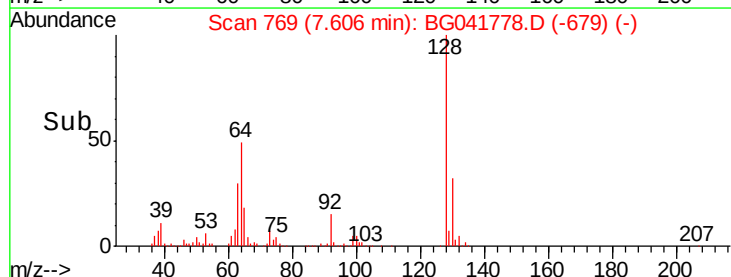
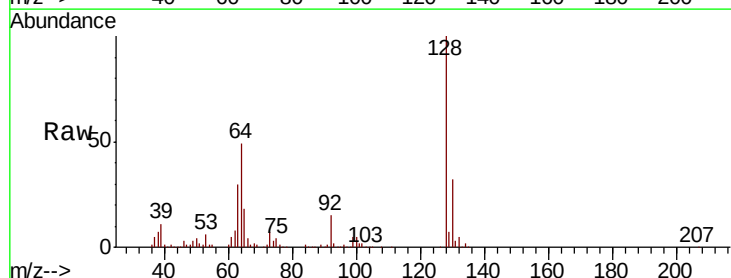
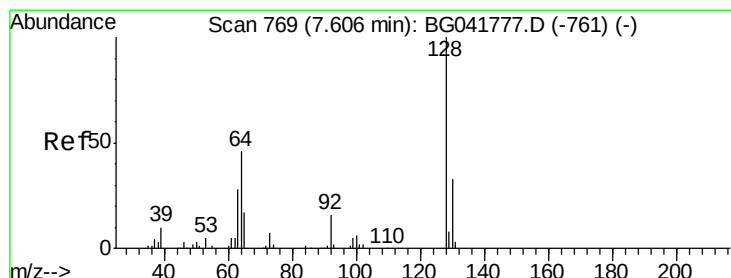
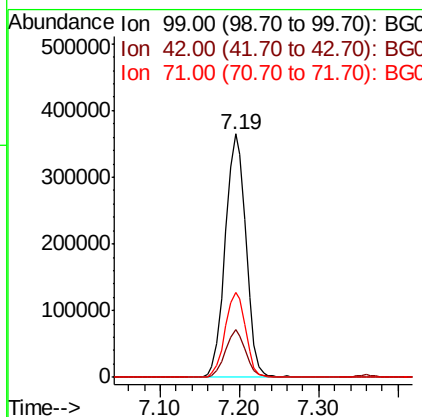
BNA_G

ClientSampleId :

SSTDIC050

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#8

2-Chlorophenol

Concen: 42.642 ng

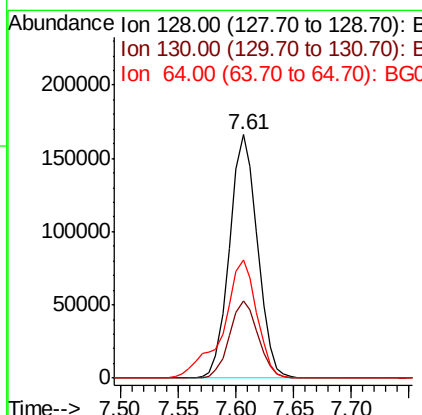
RT: 7.61 min Scan# 769

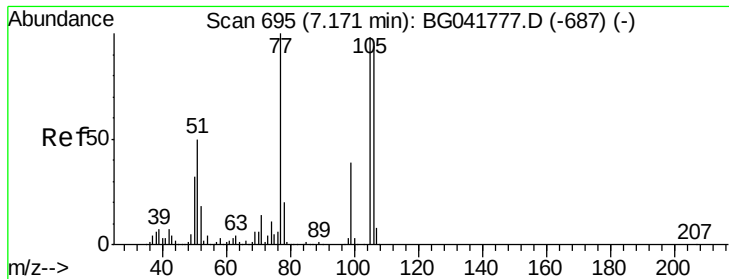
Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Tgt Ion:	128	Resp:	278787
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.4	52.4
64	48.7	34.9	74.9





#9

Benzaldehyde

Concen: 51.147 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

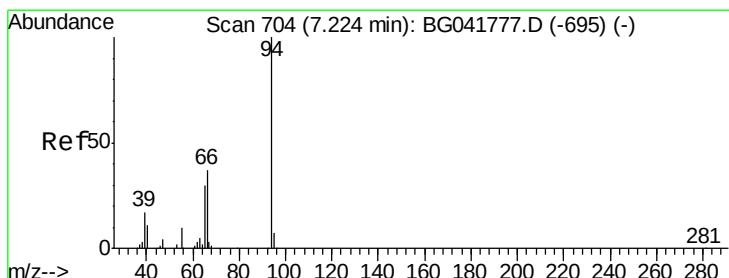
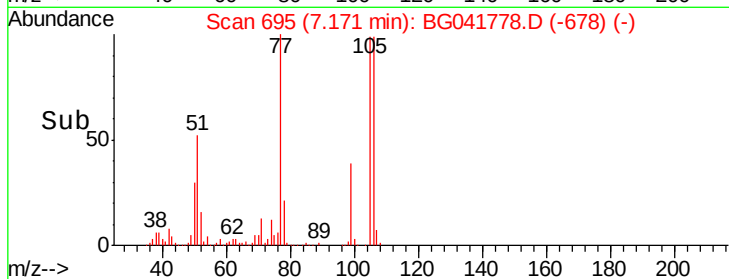
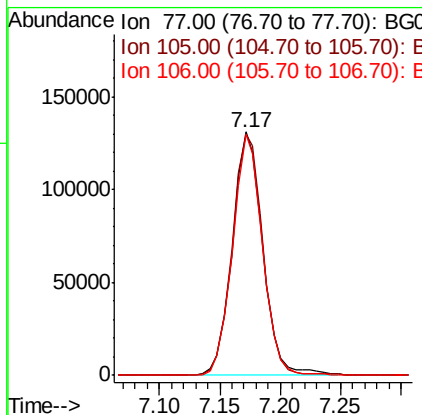
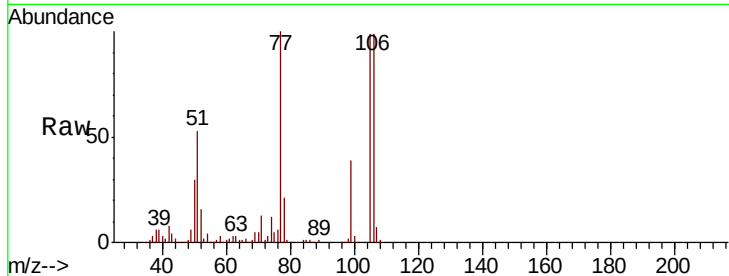
ClientSampleId :

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Tot Ion:	77	Resp:	229689
Ion	Ratio	Lower	Upper
77	100		
105	98.9	74.6	114.6
106	98.8	71.1	111.1

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#10

Phenol

Concen: 41.770 ng

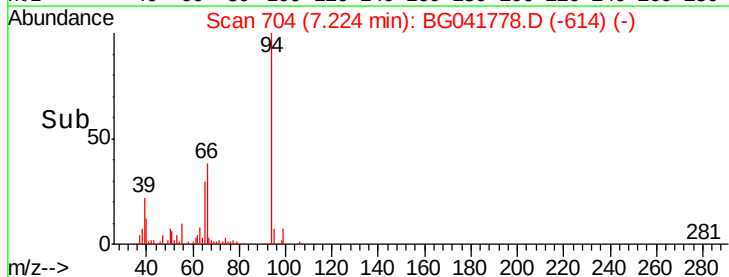
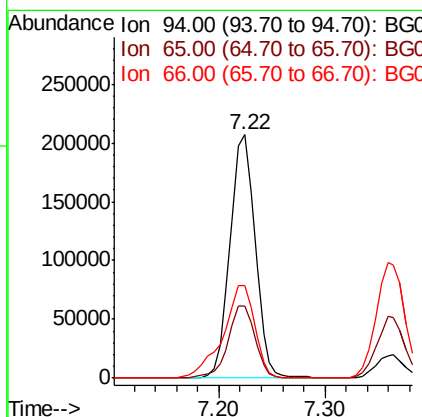
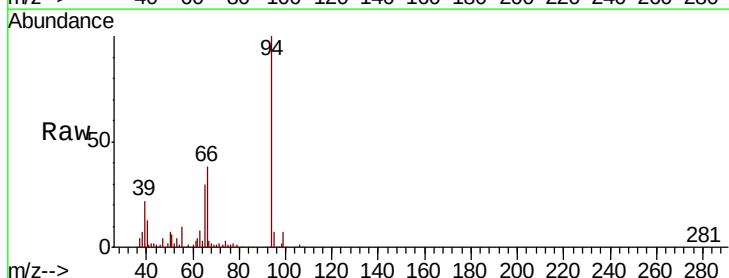
RT: 7.22 min Scan# 704

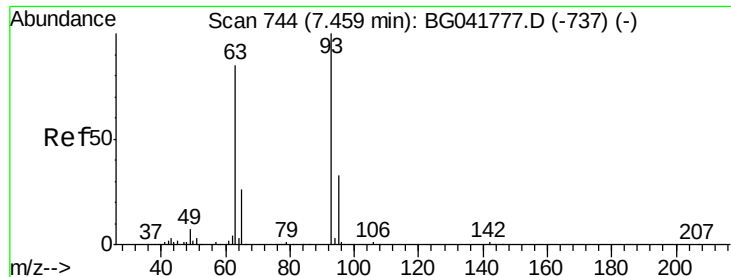
Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Tgt Ion:	94	Resp:	341835
Ion	Ratio	Lower	Upper
94	100		
65	29.8	10.6	50.6
66	38.2	18.2	58.2





#11

bis(2-Chloroethyl)ether

Concen: 41.654 ng

RT: 7.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

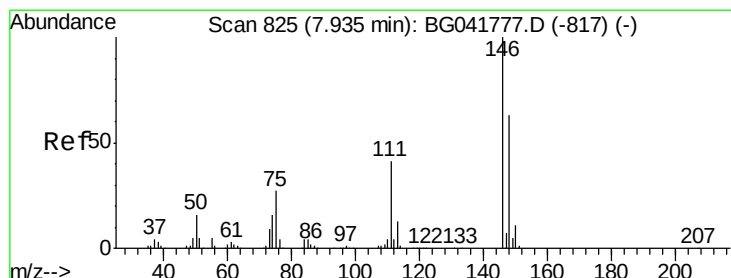
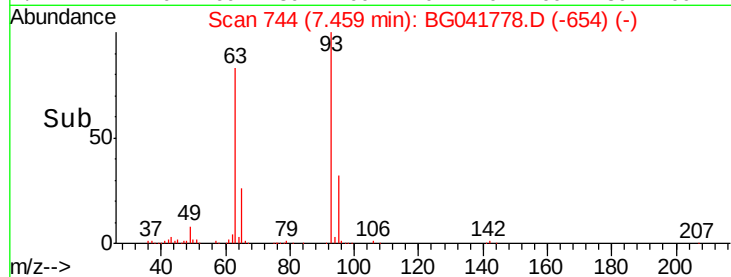
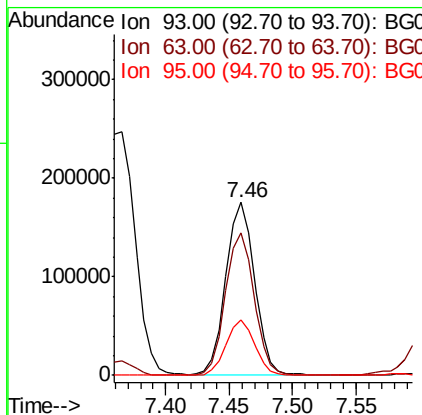
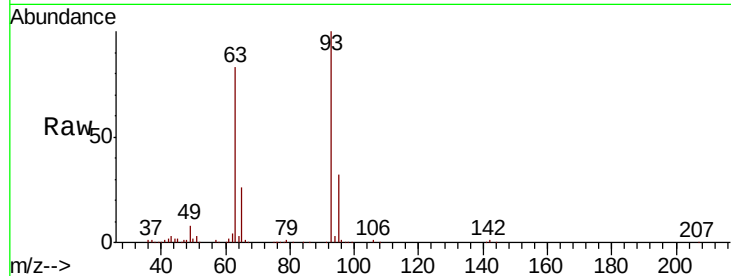
ClientSampleId :

SSTDIC050

Tot Ion:	93	Resp:	275307
Ion	Ratio	Lower	Upper
93	100		
63	82.7	70.4	110.4
95	32.3	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 45.229 ng

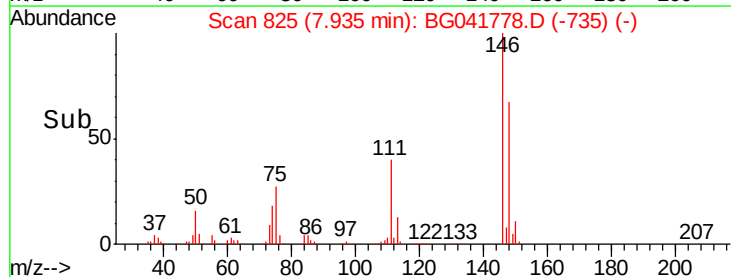
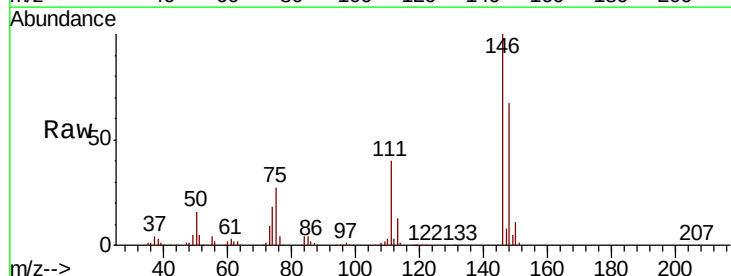
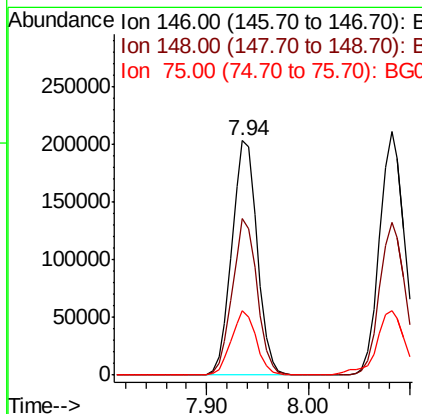
RT: 7.94 min Scan# 825

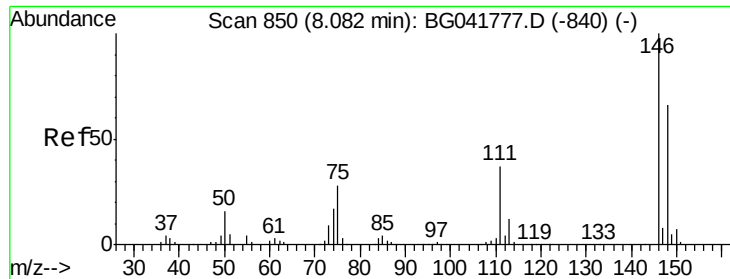
Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Tgt Ion:	146	Resp:	352829
Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.5	77.3
75	27.4	23.2	34.8





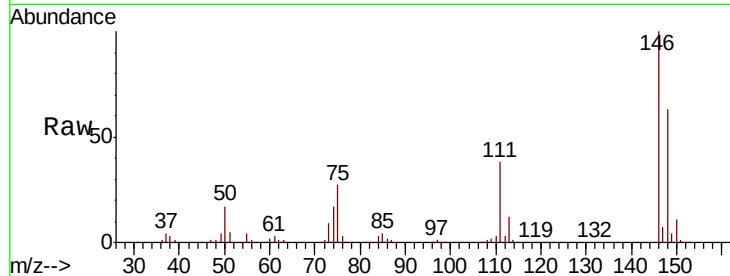
#13
1,4-Dichlorobenzene
Concen: 45.916 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	79.0
111	37.8	32.5	48.7

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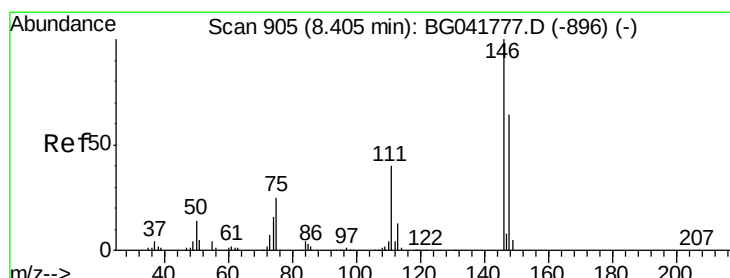
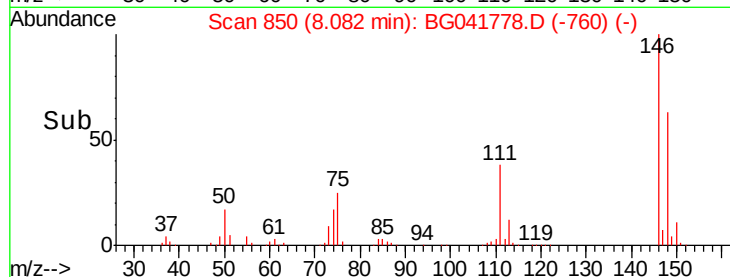
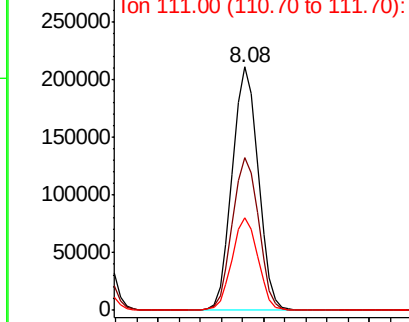


Abundance

Ion 146.00 (145.70 to 146.70): E

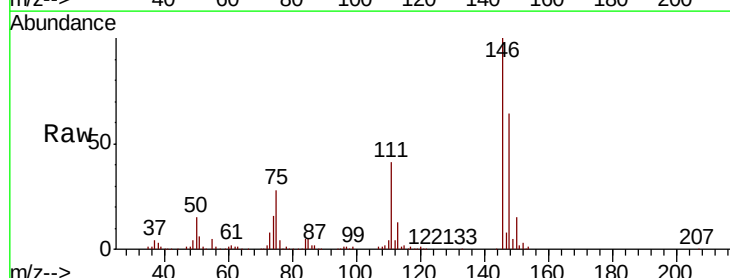
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 46.064 ng
RT: 8.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.5	80.3
111	40.6	35.4	53.0

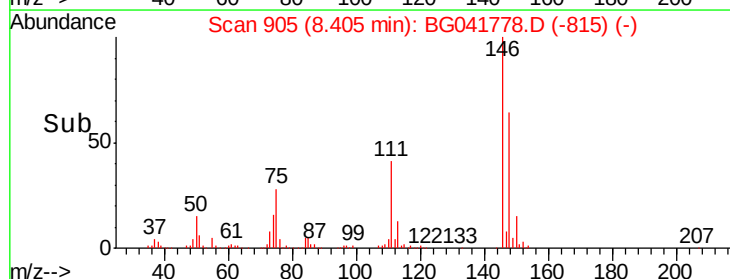
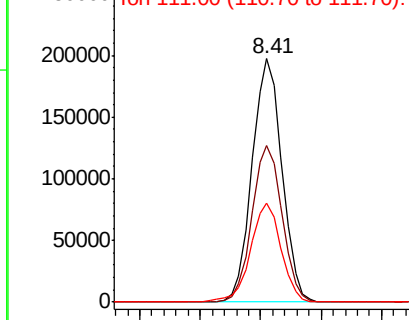


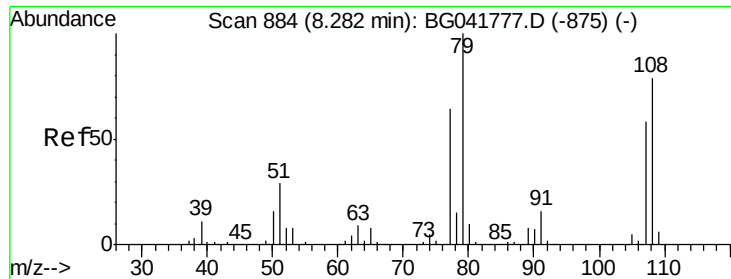
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





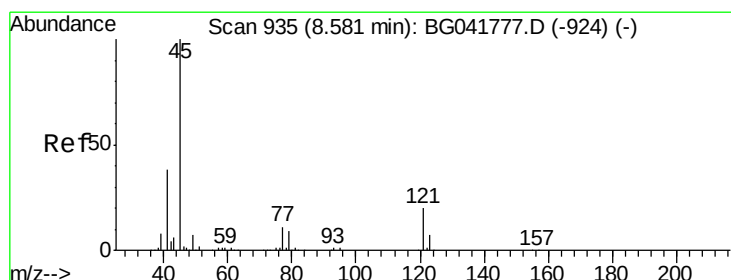
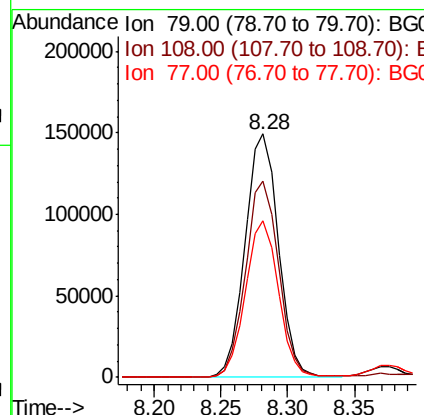
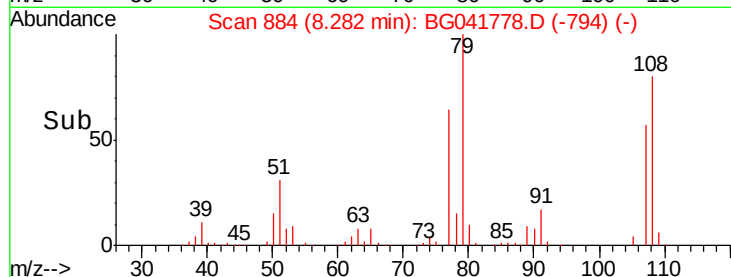
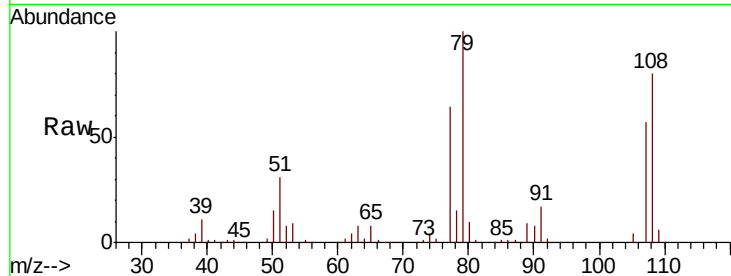
#15
Benzyl Alcohol
Concen: 41.715 ng
RT: 8.28 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.4	60.5	90.7
77	64.4	50.6	75.8

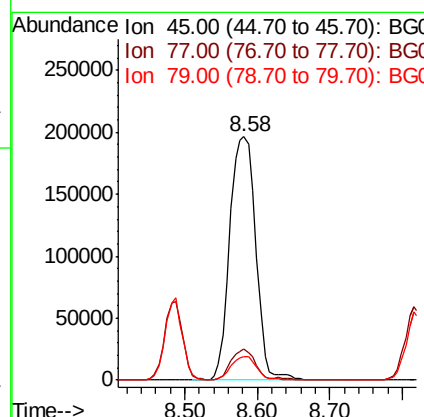
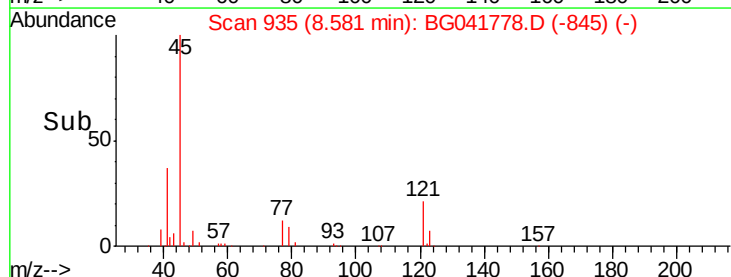
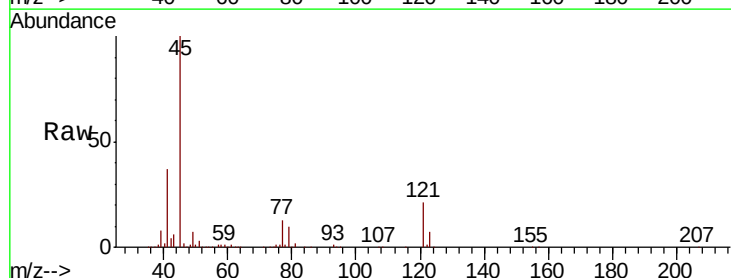
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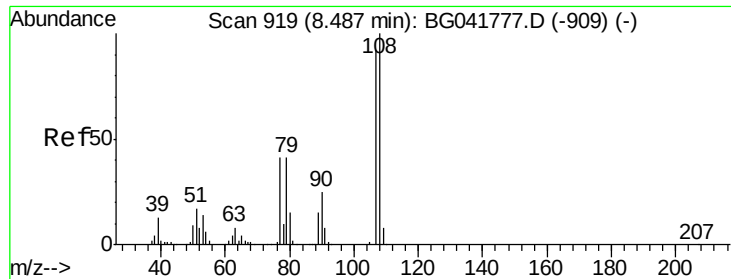
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.676 ng
RT: 8.58 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	30.4
79	9.9	0.0	27.9





#17

2-Methylphenol

Concen: 43.649 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

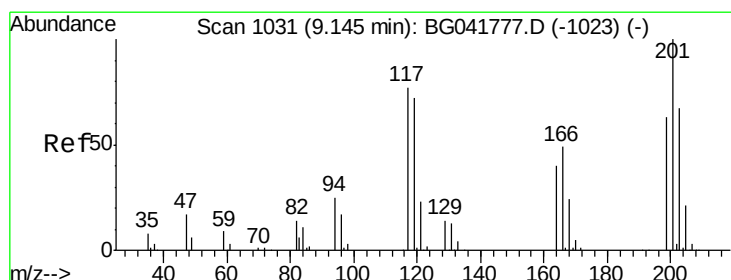
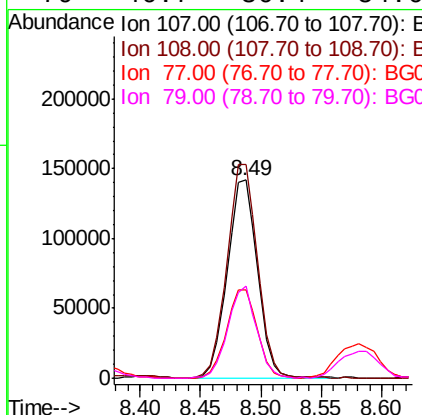
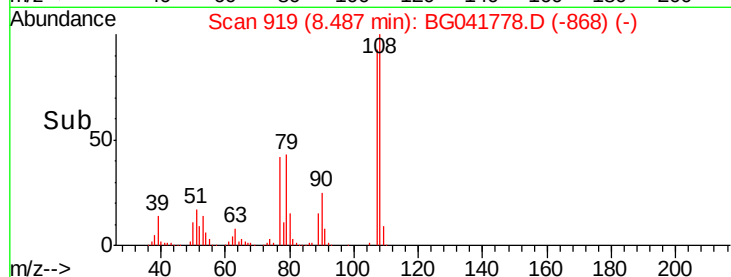
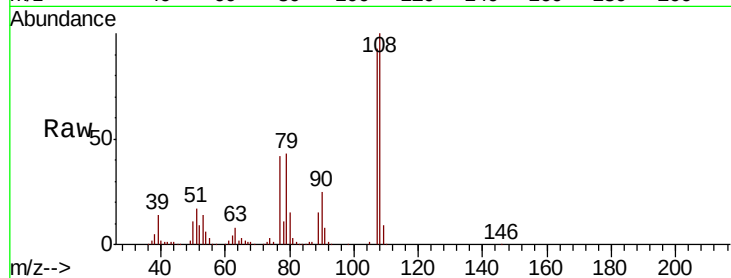
ClientSampleId :

SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	87.6	131.4	
77	44.9	36.1	54.1	
79	46.7	36.4	54.6	

Manual Integrations
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#18

Hexachloroethane

Concen: 42.677 ng

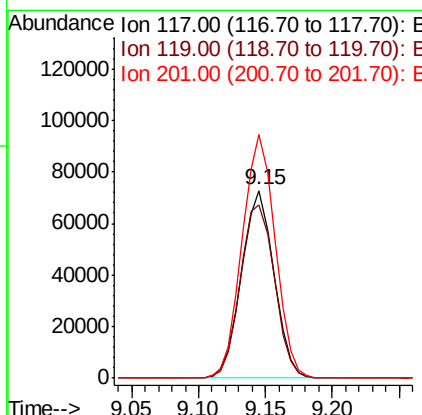
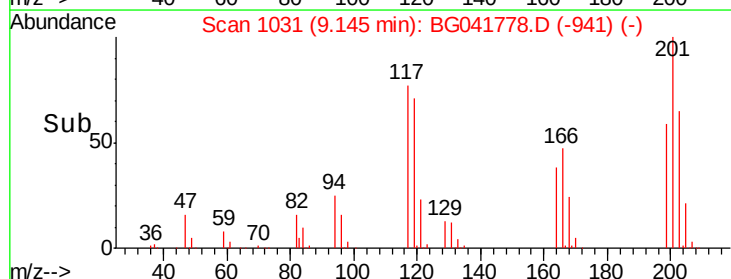
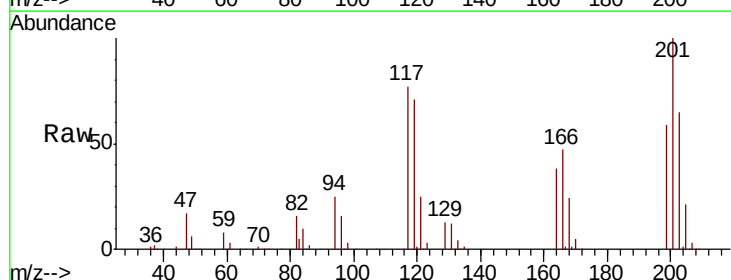
RT: 9.15 min Scan# 1031

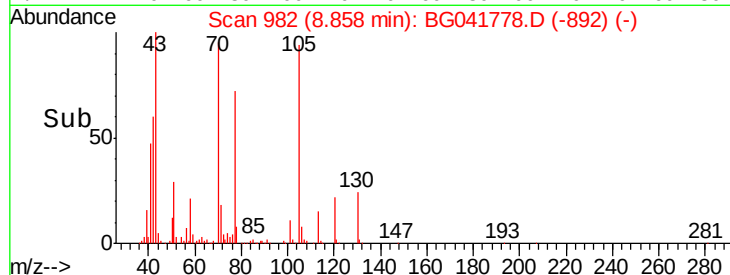
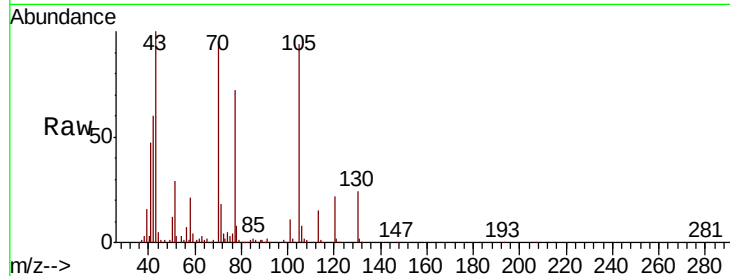
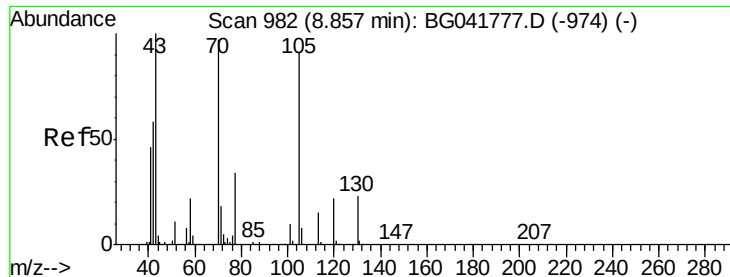
Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.4	76.2	114.2	
201	129.9	94.1	141.1	





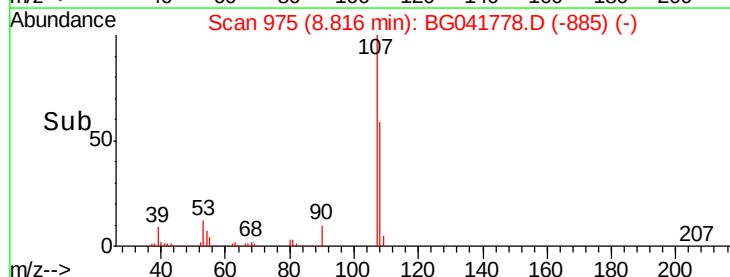
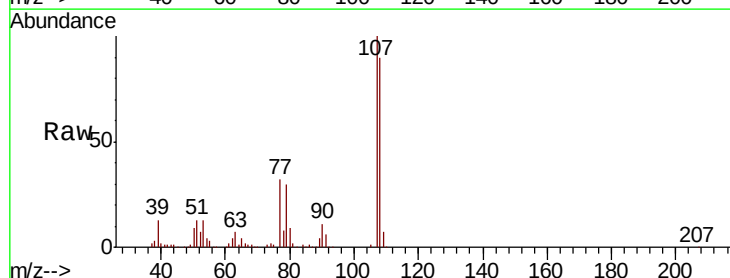
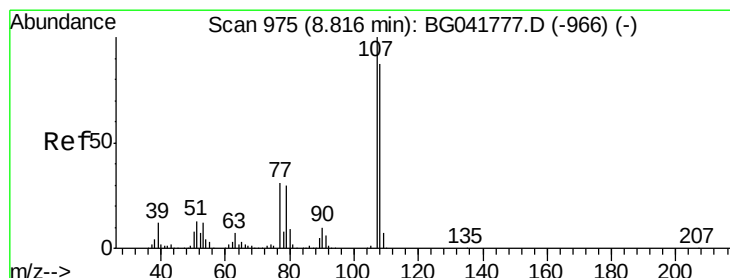
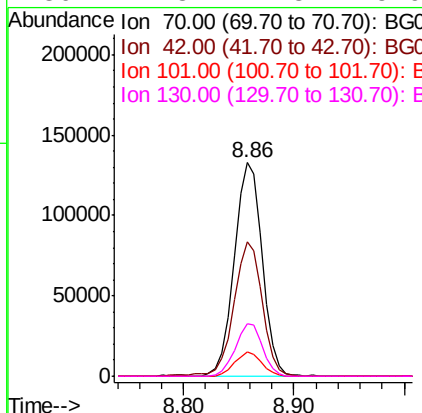
#19
n-Nitroso-di-n-propylamine
Concen: 41.375 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.1	55.8	83.6	
101	11.3	8.1	12.1	
130	24.8	17.3	25.9	

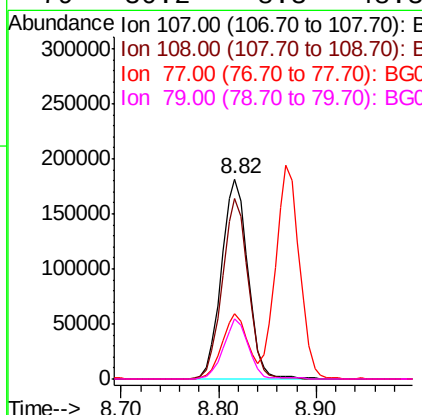
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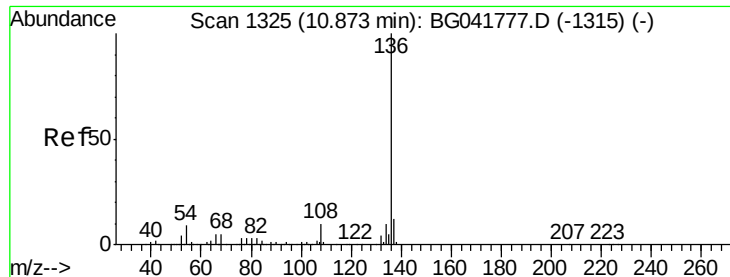
mohammad
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#20
3+4-Methylphenols
Concen: 43.838 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.3	67.5	107.5	
77	32.4	12.3	52.3	
79	30.2	8.3	48.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:136 Resp: 408796
Ion Ratio Lower Upper

136 100

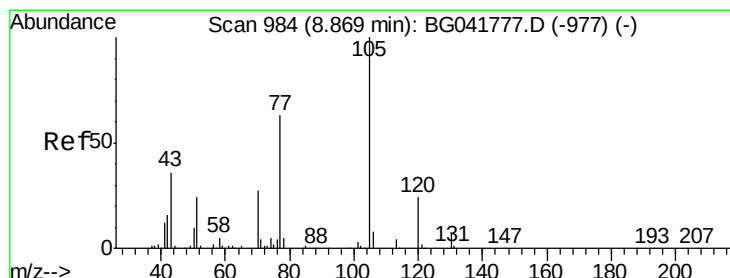
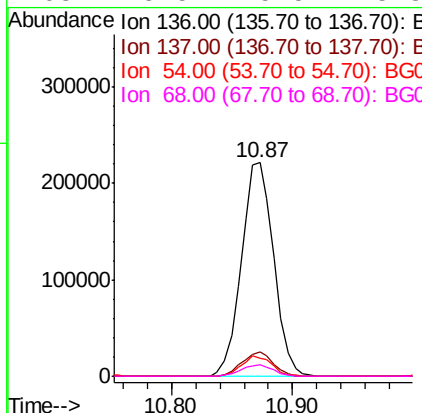
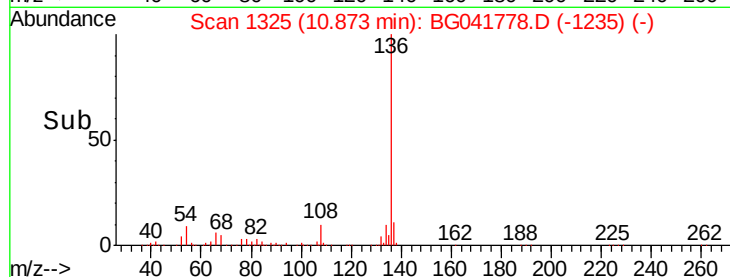
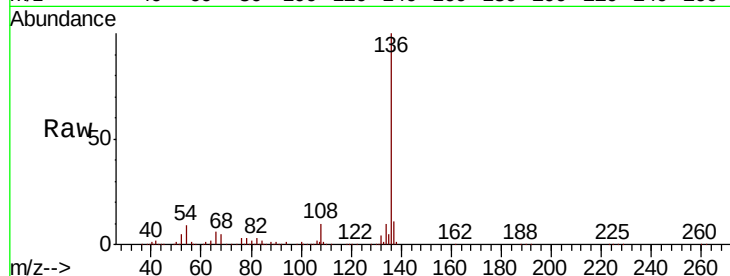
137 11.3 9.2 13.8

54 8.6 8.7 13.1#

68 5.5 5.5 8.3#

Manual Integrations
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#22

Acetophenone

Concen: 44.475 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

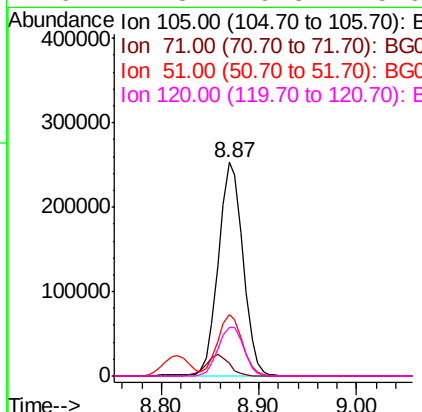
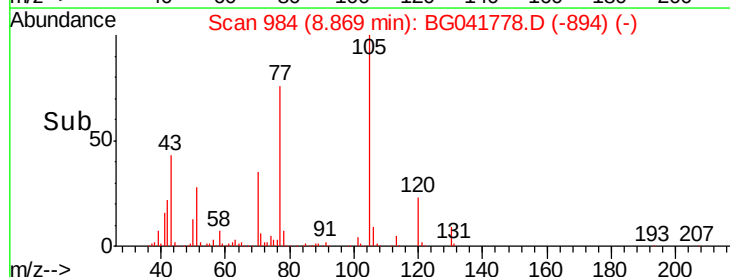
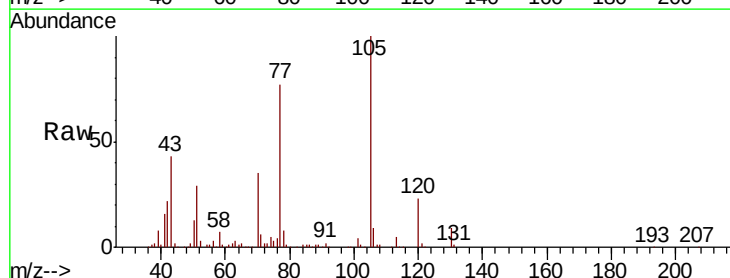
Tgt Ion:105 Resp: 442818
Ion Ratio Lower Upper

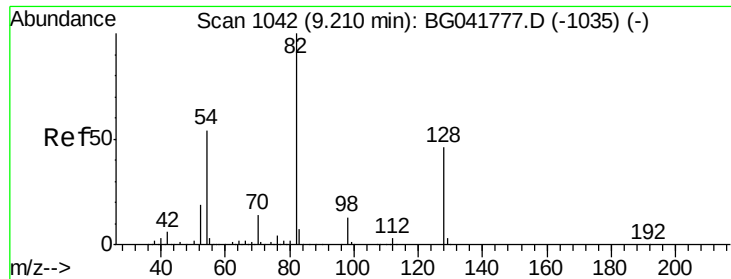
105 100

71 5.9 5.9 8.9#

51 28.5 27.7 41.5

120 22.8 19.3 28.9





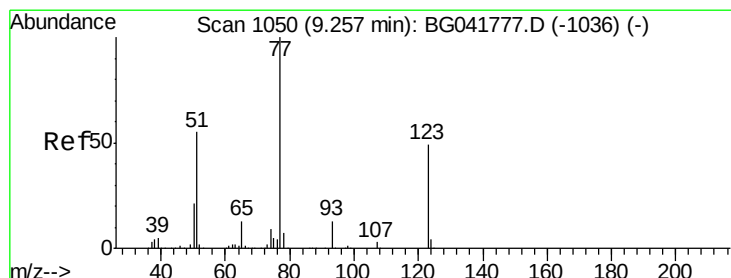
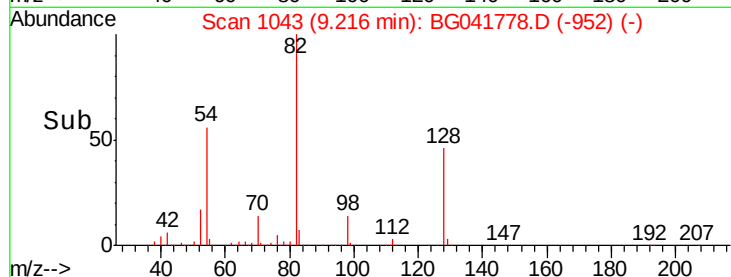
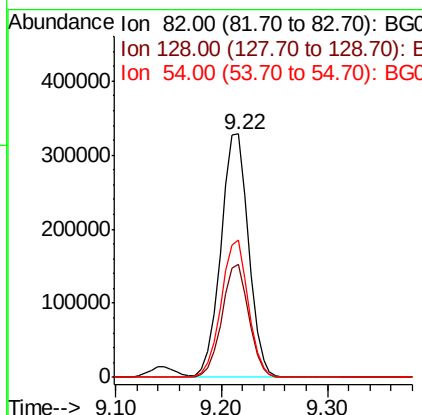
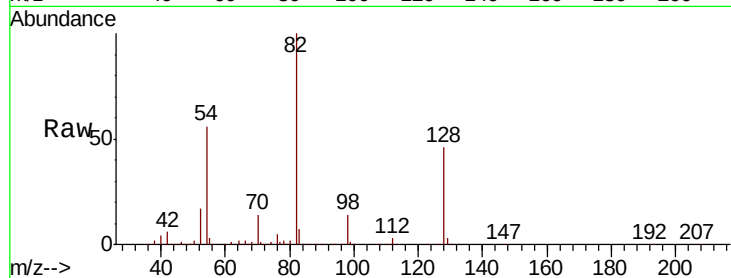
#23
 Nitrobenzene-d5
 Concen: 88.929 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. 0.01 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.1	52.7
54	56.3	48.7	73.1

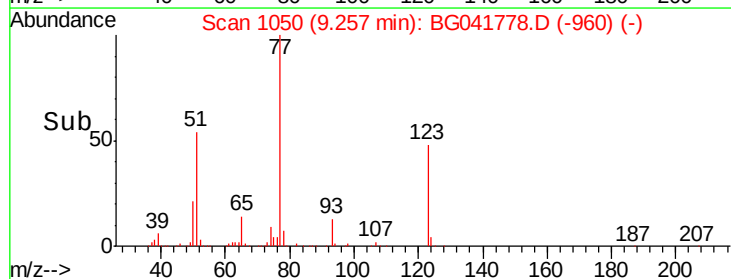
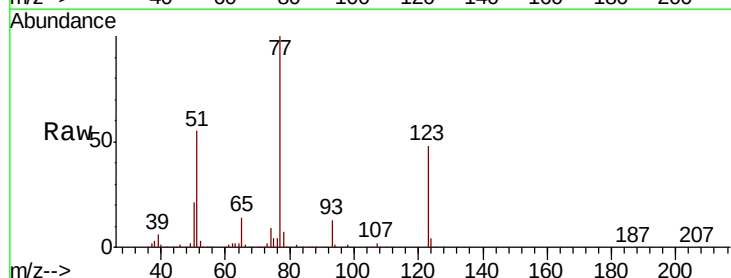
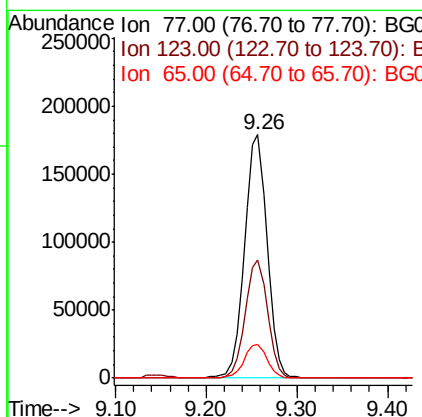
Manual Integrations
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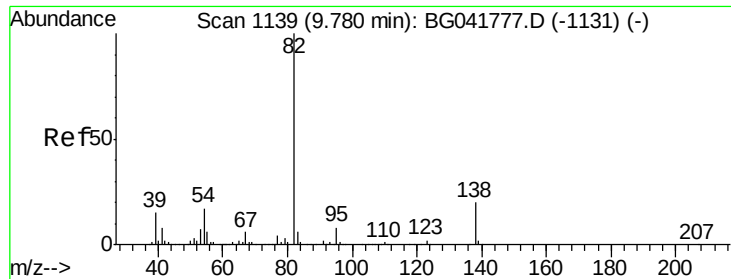
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#24
 Nitrobenzene
 Concen: 42.276 ng
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	38.1	57.1
65	13.6	11.0	16.6





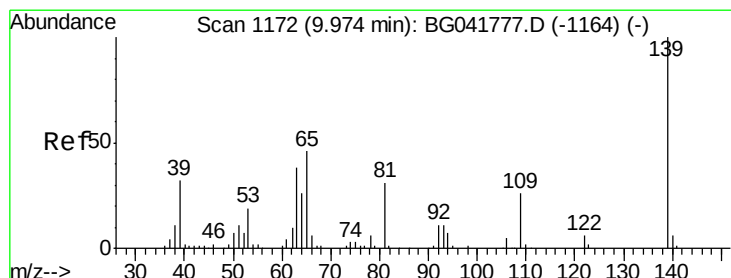
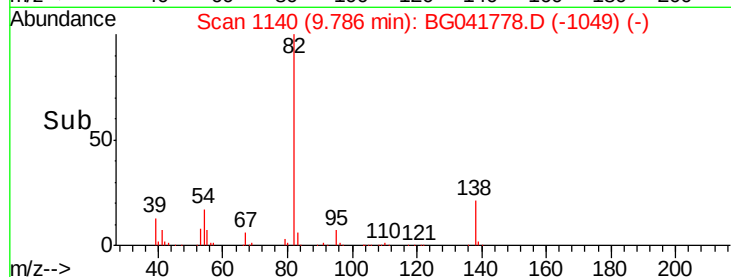
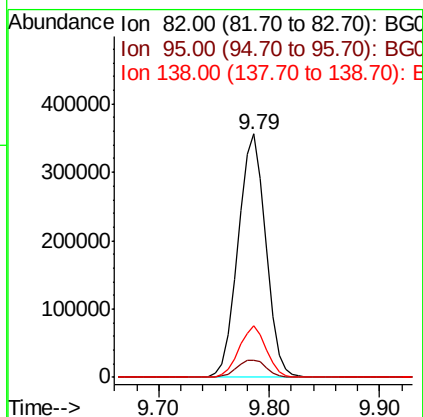
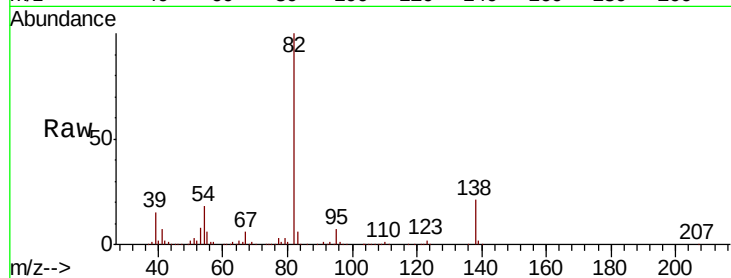
#25
Isophorone
Concen: 42.655 ng
RT: 9.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
82	100	627855		
95	7.2		5.9	8.9
138	21.3		16.3	24.5

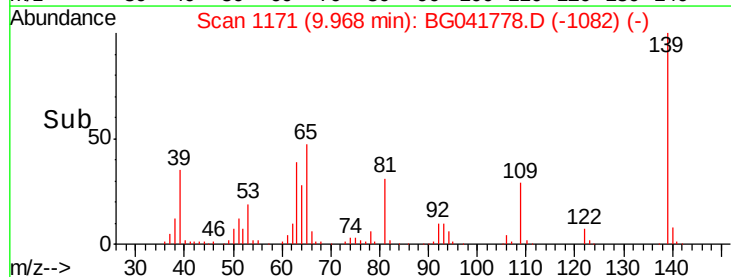
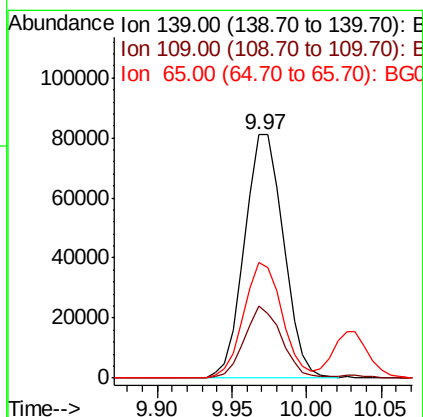
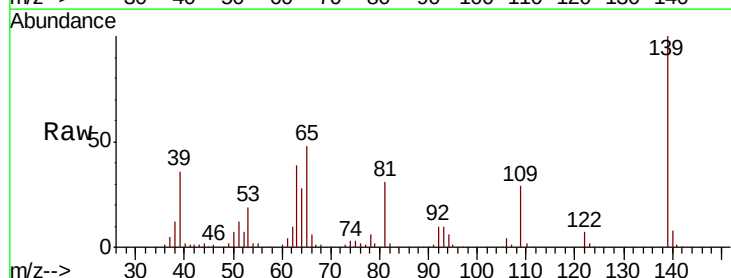
Manual Integrations
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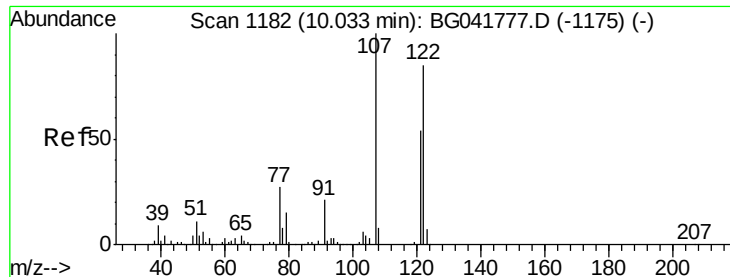
mohammad
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#26
2-Nitrophenol
Concen: 46.440 ng
RT: 9.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	147315		
109	29.5		22.7	34.1
65	47.7		41.1	61.7





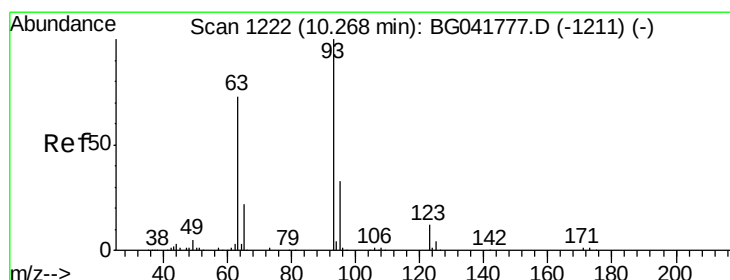
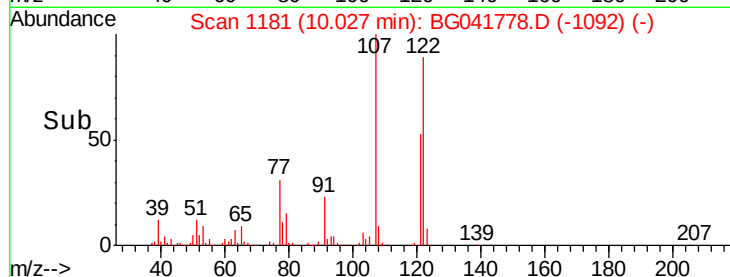
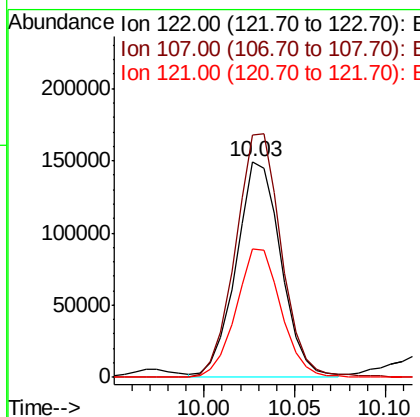
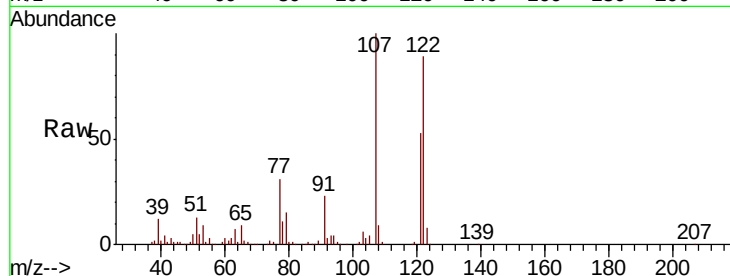
#27
2,4-Dimethylphenol
Concen: 43.974 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
122	100	256099		
107	112.2	91.3	136.9	
121	59.5	49.2	73.8	

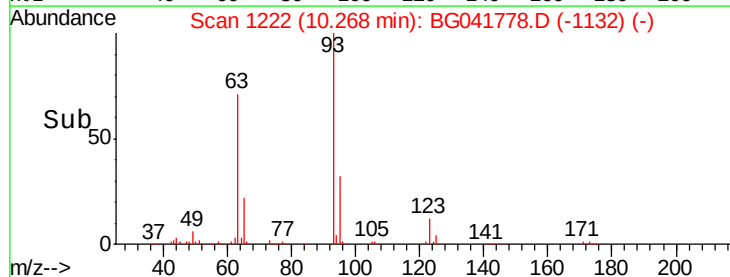
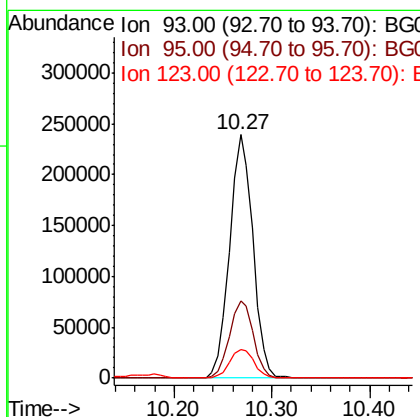
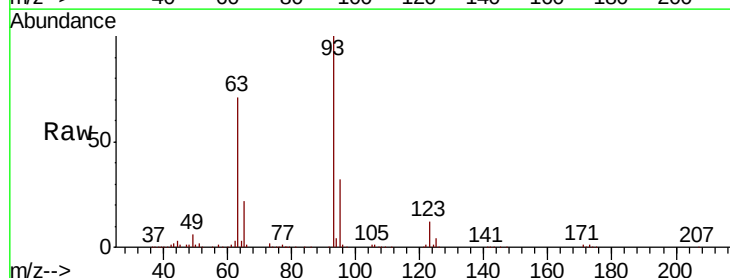
Manual Integrations
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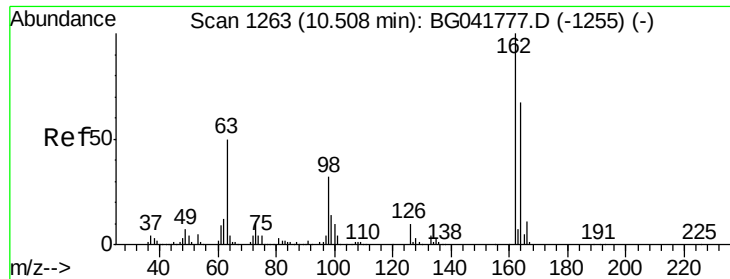
mohammad
7/29/2019 5:30:16 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.422 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	393922		
95	31.6	26.2	39.4	
123	11.9	9.9	14.9	





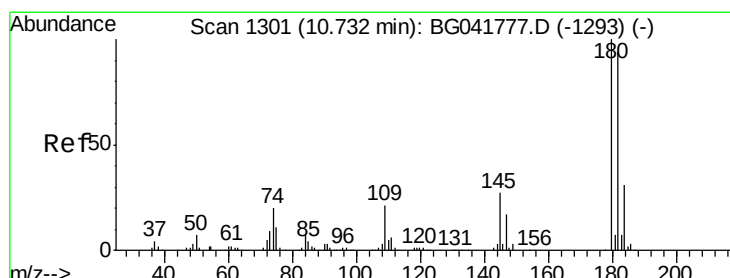
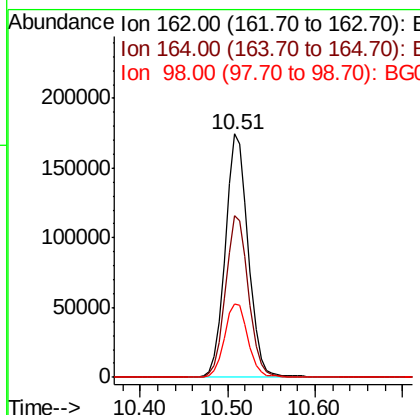
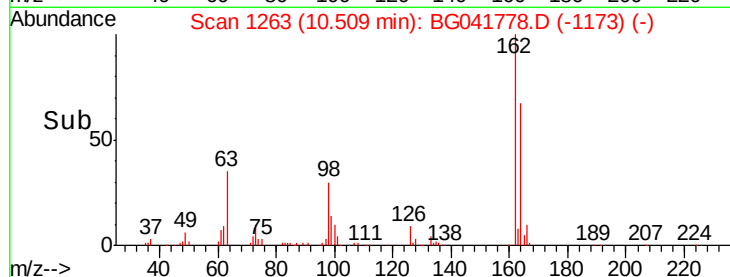
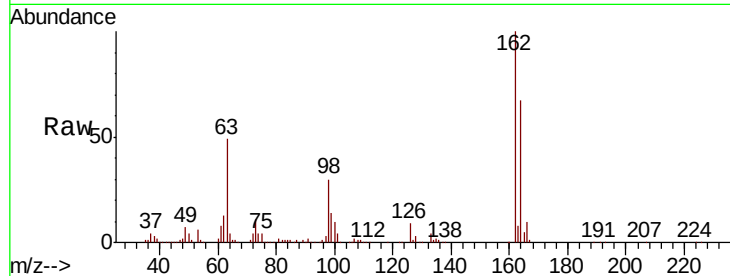
#29
2,4-Dichlorophenol
Concen: 47.220 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	46.1	86.1
98	30.3	14.7	54.7

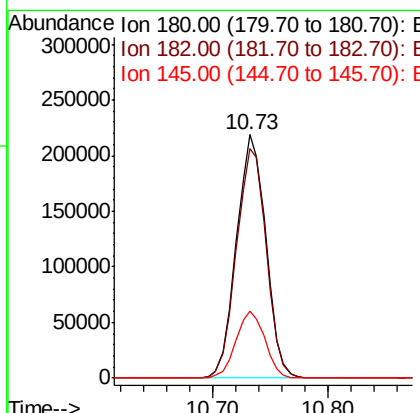
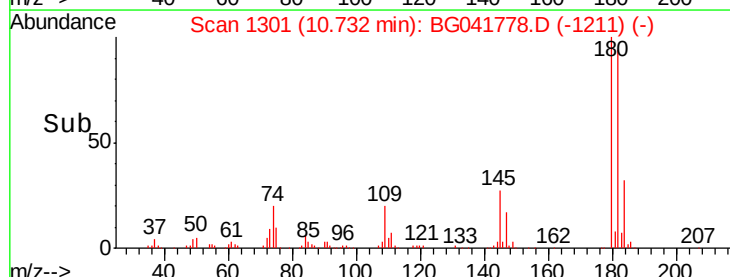
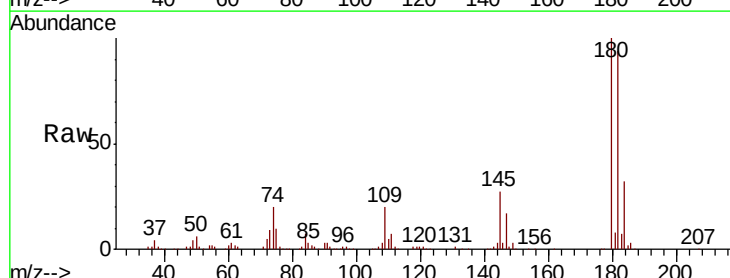
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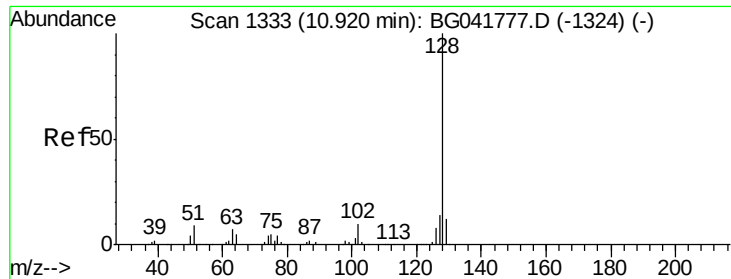
mohammad
7/29/2019 5:30:16 PM



#30
1,2,4-Trichlorobenzene
Concen: 49.437 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.2	114.2
145	27.5	23.8	35.8





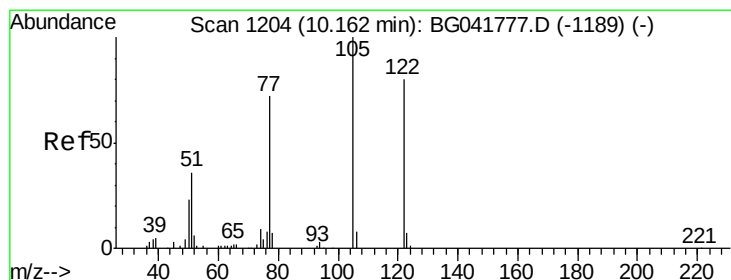
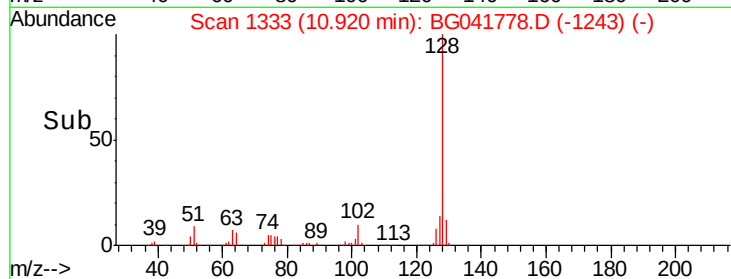
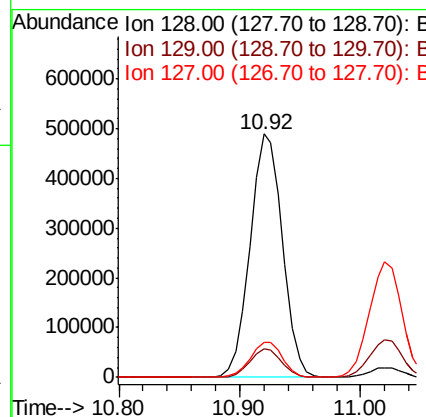
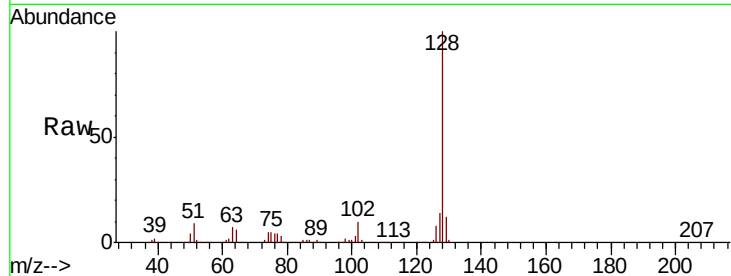
#31
Naphthalene
Concen: 45.169 ng
RT: 10.92 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	14.3	12.3	18.5

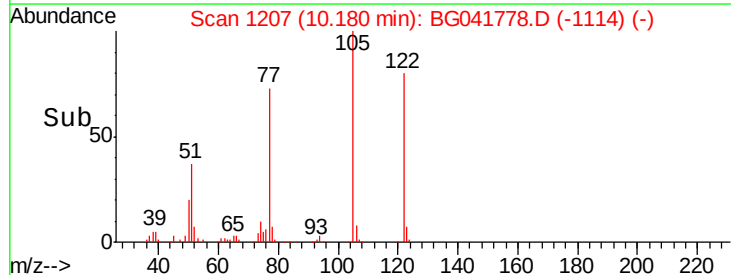
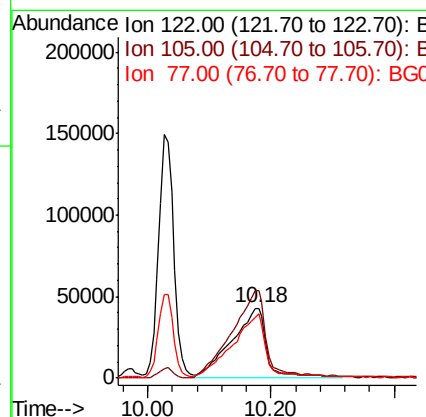
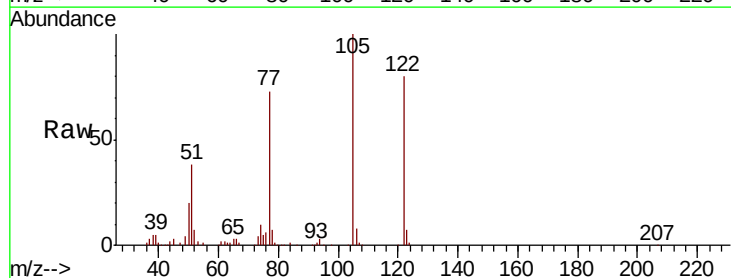
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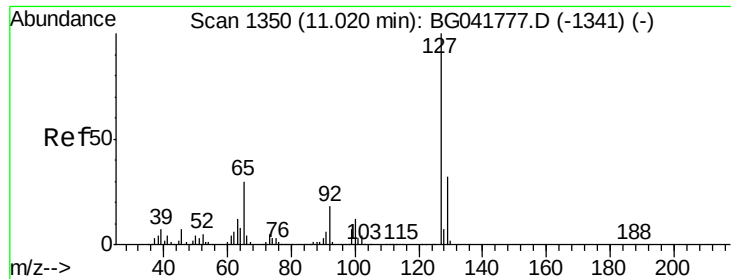
mohammad
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#32
Benzoic acid
Concen: 42.269 ng m
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.8	101.5	141.5
77	91.2	73.0	113.0





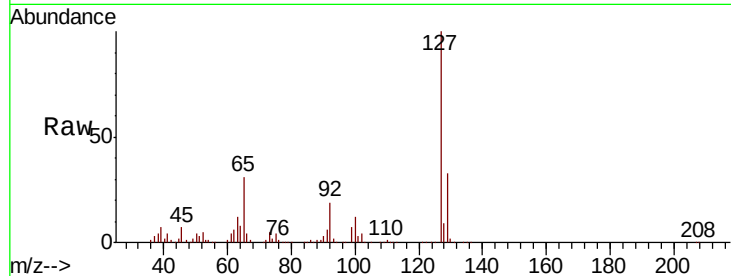
#33
4-Chloroaniline
Concen: 46.832 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	31.3	26.7	40.1
92	18.9	15.4	23.0

Manual Integrations
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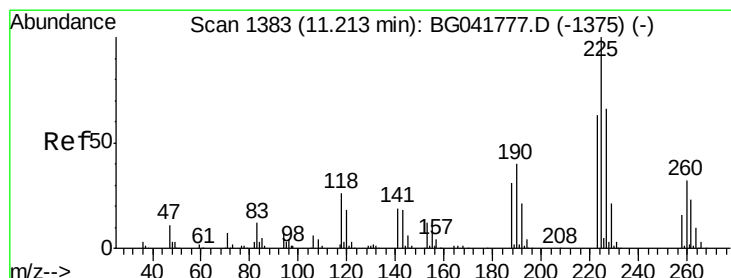
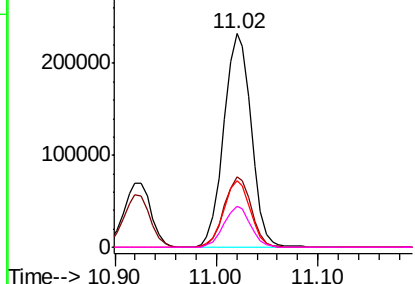
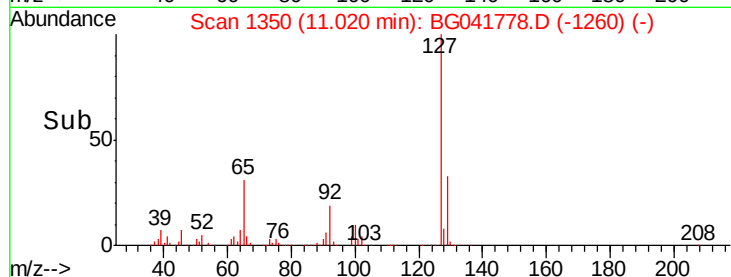
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

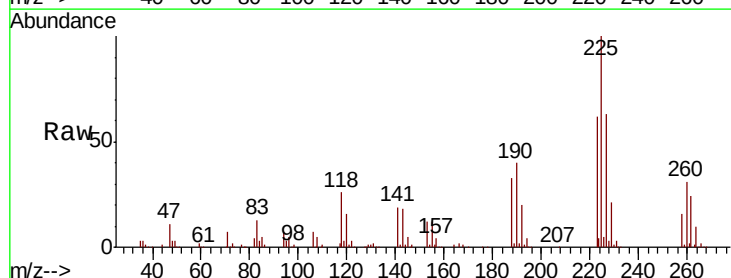
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 52.097 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.1	76.7
227	63.1	50.9	76.3

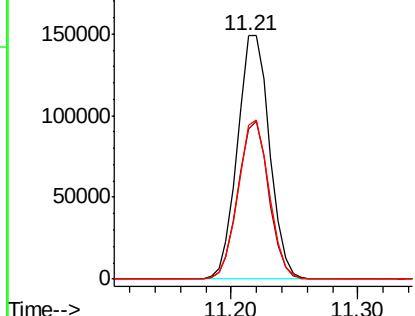
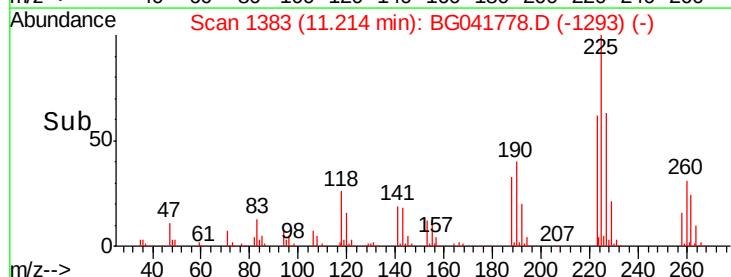


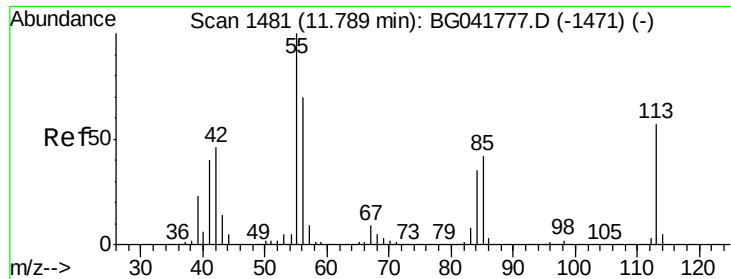
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





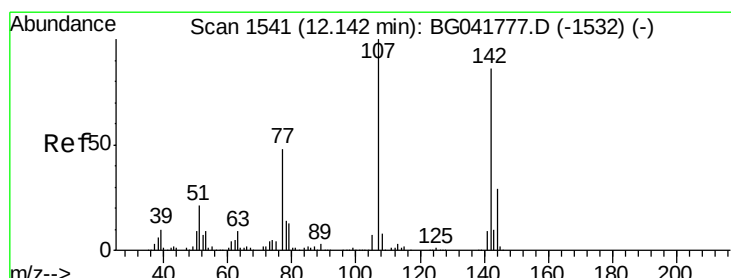
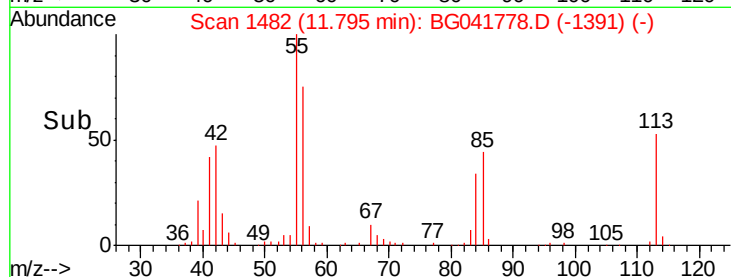
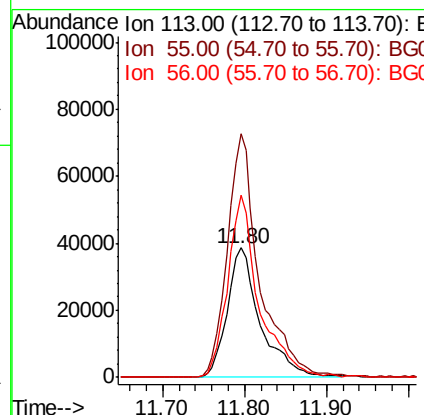
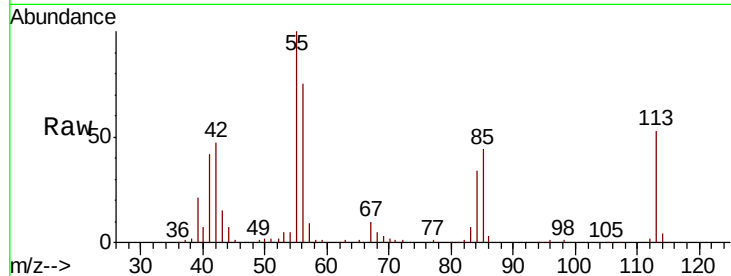
#35
 Caprolactam
 Concen: 44.289 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampled :
 SSTDICC050

Tot Ion:113 Resp: 108092
 Ion Ratio Lower Upper
 113 100
 55 188.6 199.4 239.4#
 56 141.3 133.6 173.6

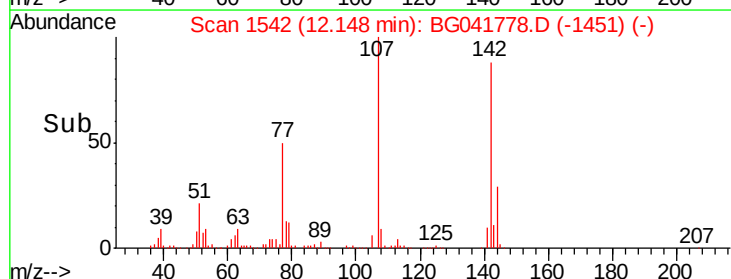
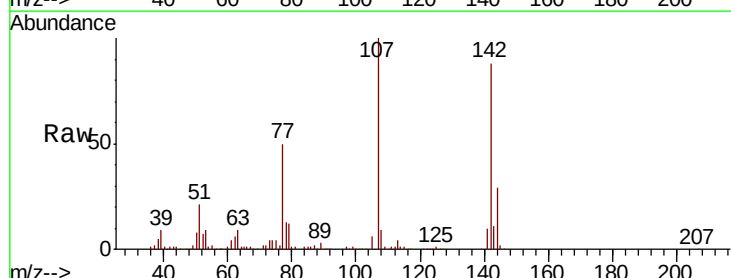
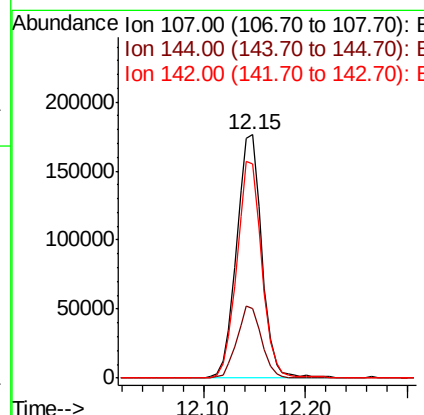
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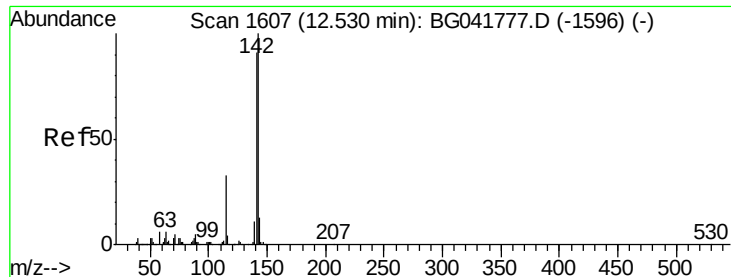
mohammad
 7/29/2019 5:30:16 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.765 ng
 RT: 12.15 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion:107 Resp: 304430
 Ion Ratio Lower Upper
 107 100
 144 28.8 22.2 33.2
 142 87.7 67.3 100.9





#37

2-Methylnaphthalene

Concen: 46.903 ng

RT: 12.53 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tot Ion:142 Resp: 721193

Ion Ratio Lower Upper

142 100

141 91.2 72.7 109.1

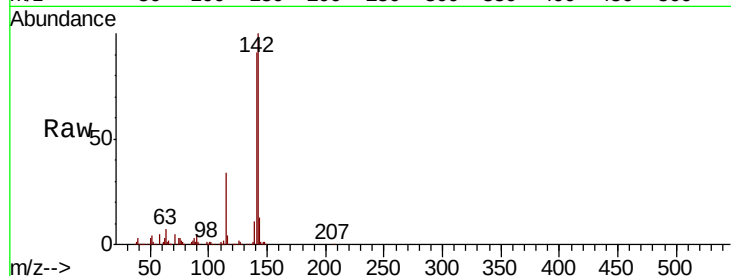
115 33.6 27.0 40.4

Manual Integrations

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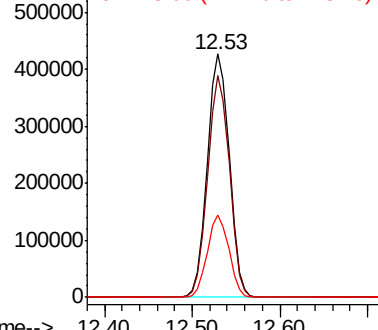
7/29/2019 5:30:16 PM



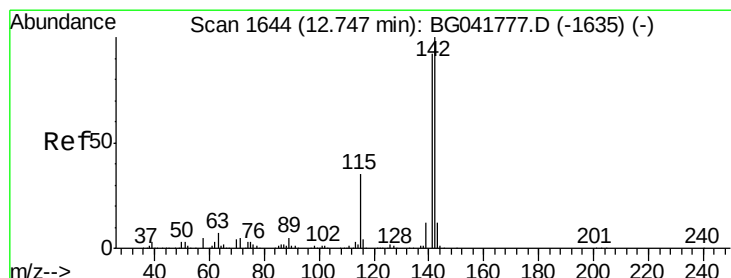
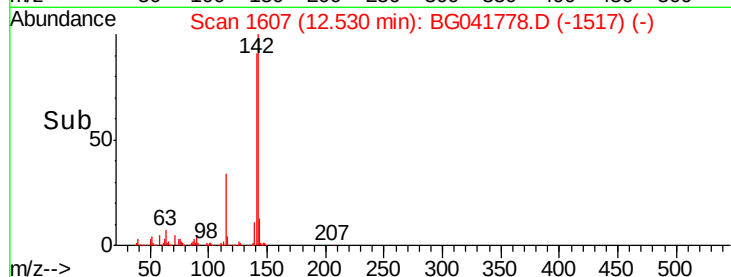
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 46.122 ng

RT: 12.75 min Scan# 1644

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

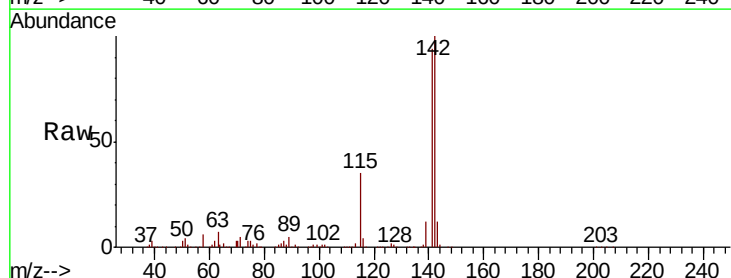
Tgt Ion:142 Resp: 676102

Ion Ratio Lower Upper

142 100

141 93.6 75.4 113.2

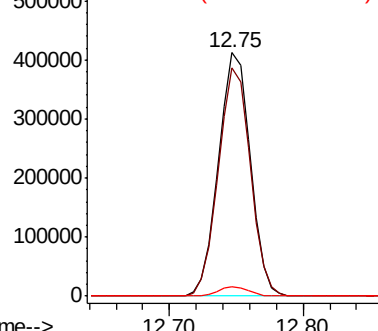
116 3.9 3.2 4.8



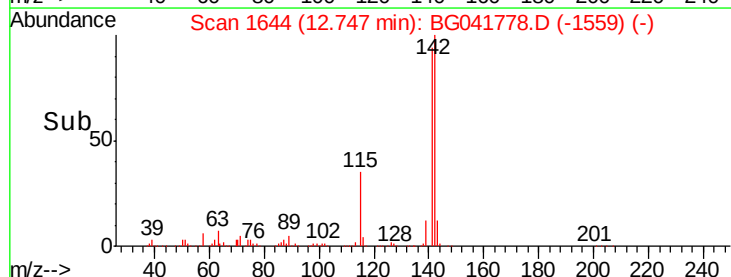
Abundance Ion 142.00 (141.70 to 142.70): E

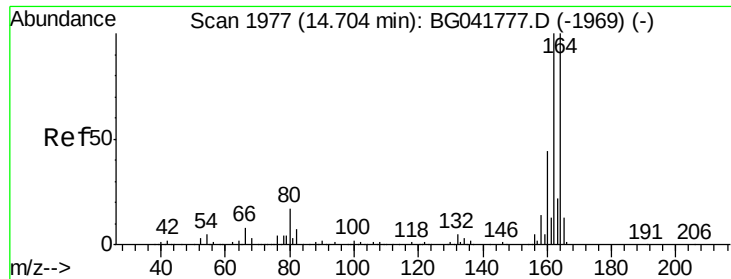
Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->





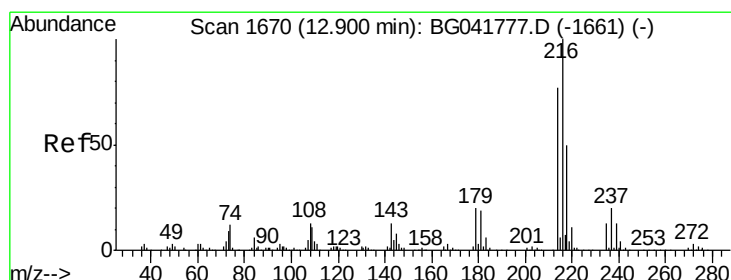
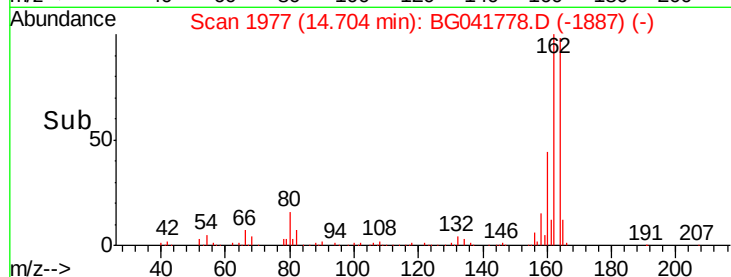
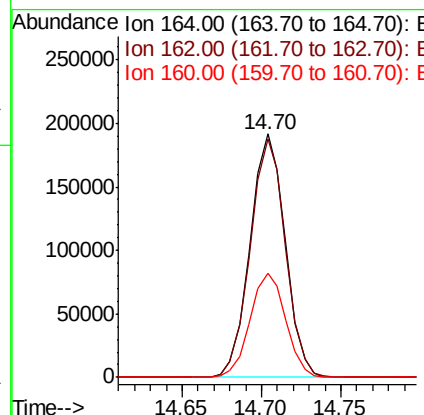
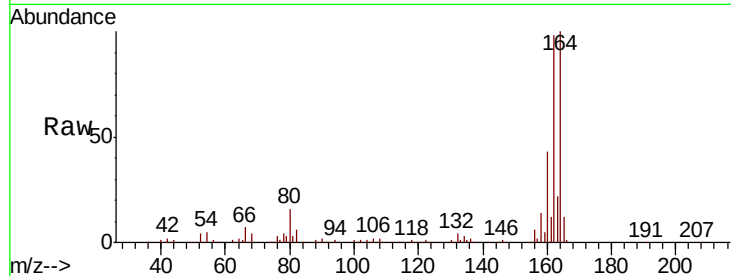
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.0	79.6	119.4
160	42.7	35.4	53.0

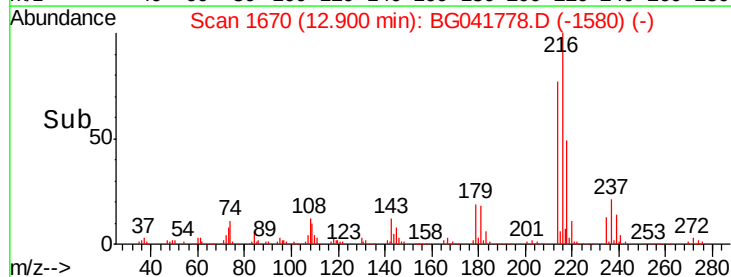
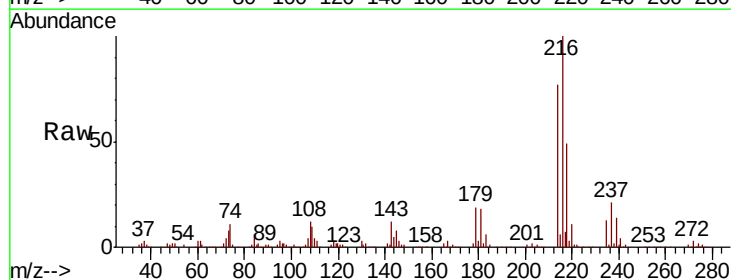
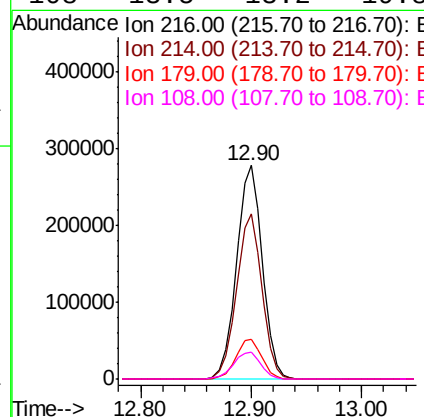
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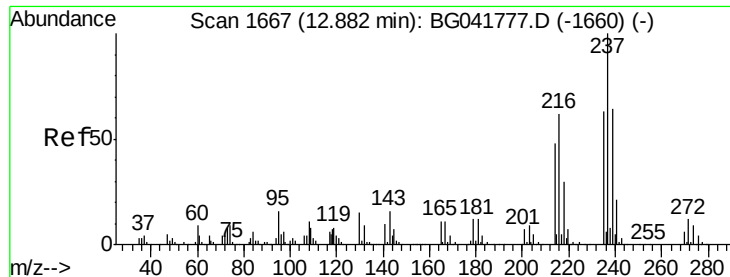
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.966 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.3	61.5	92.3
179	18.7	16.2	24.2
108	13.5	13.2	19.8





#41

Hexachlorocyclopentadiene

Concen: 45.819 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

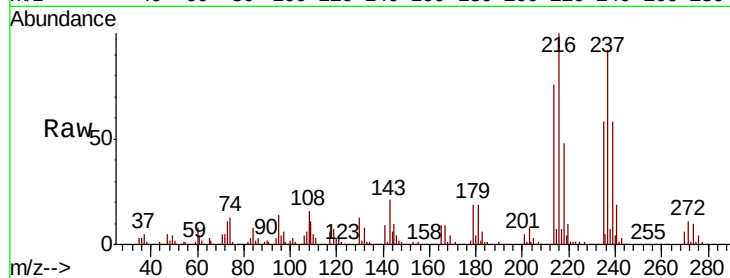
ClientSampleId :

SSTDIC050

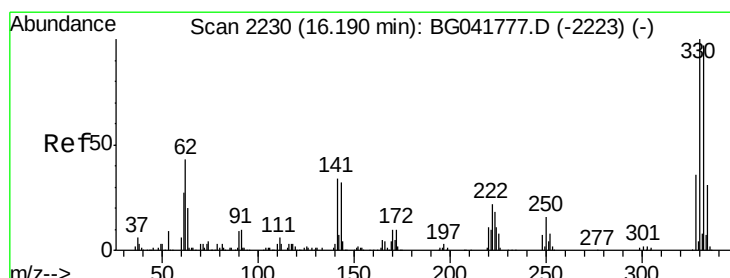
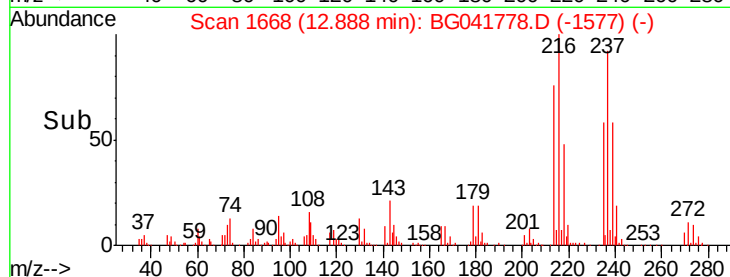
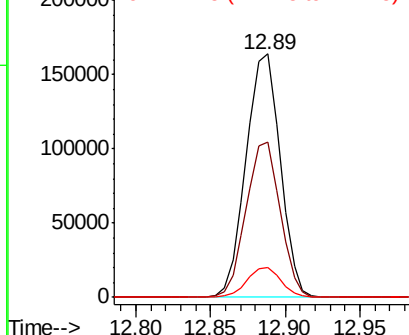
Tot Ion:	237	Resp:	260701
Ion Ratio	Lower	Upper	
237	100		
235	63.6	43.5	83.5
272	12.4	0.0	31.2

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



#42

2,4,6-Tribromophenol

Concen: 99.409 ng

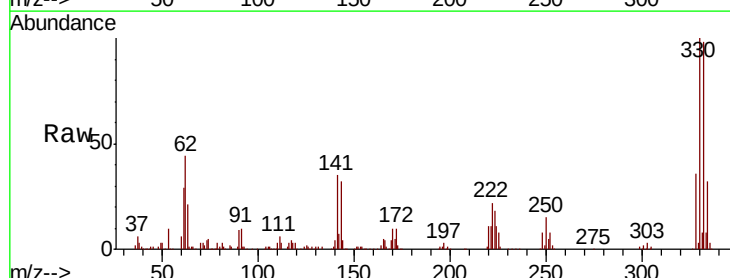
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

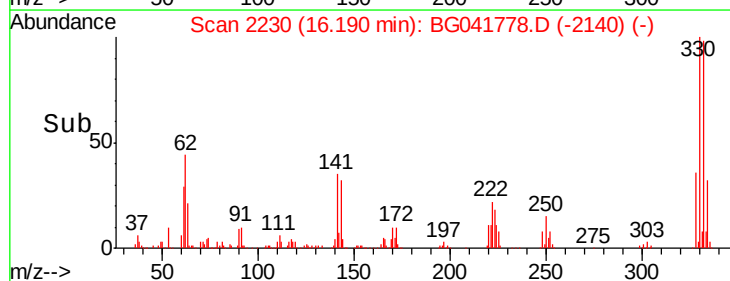
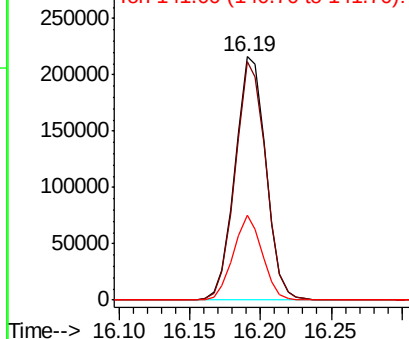
Lab File: BG041778.D

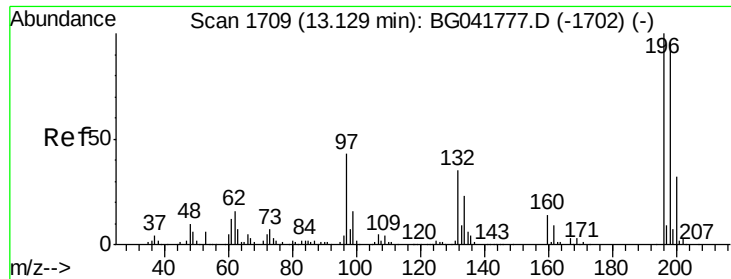
Acq: 27 Jul 2019 15:45

Tgt Ion:	330	Resp:	328979
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.4	116.0
141	32.9	31.9	47.9



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





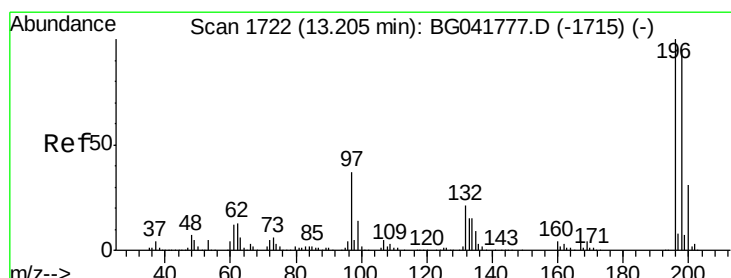
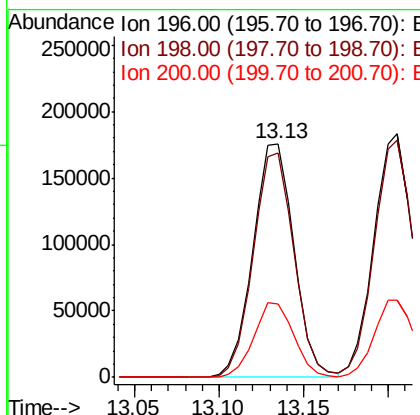
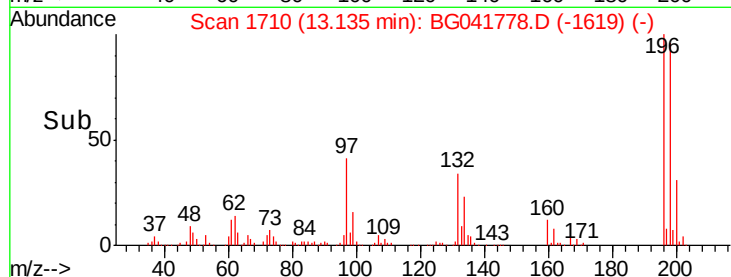
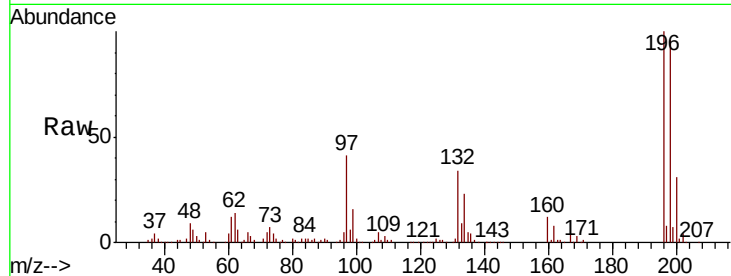
#43
 2,4,6-Trichlorophenol
 Concen: 45.325 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
196	100	296226		
198	96.0	79.6	119.4	
200	31.4	25.2	37.8	

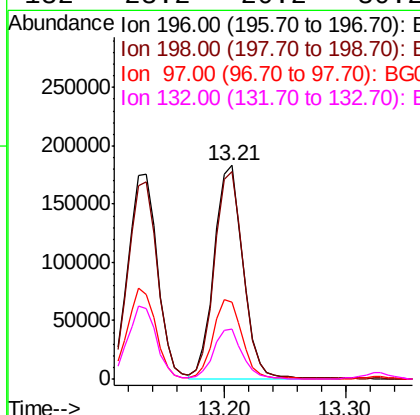
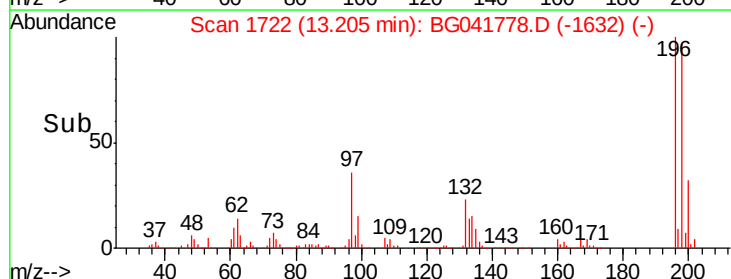
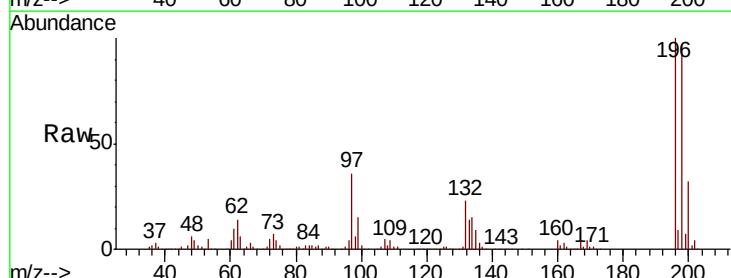
Manual Integrations
 APPROVED

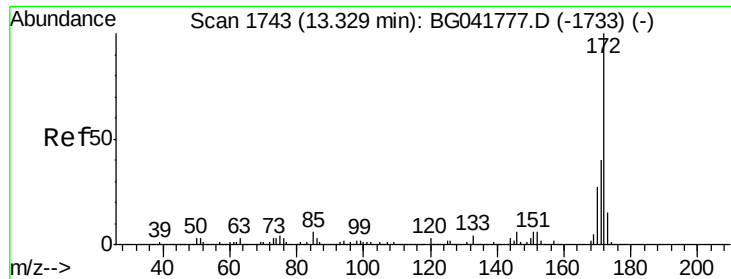
mohammad
 7/29/2019 5:30:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.720 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301051		
198	97.3	80.6	121.0	
97	36.3	33.9	50.9	
132	23.2	20.2	30.2	





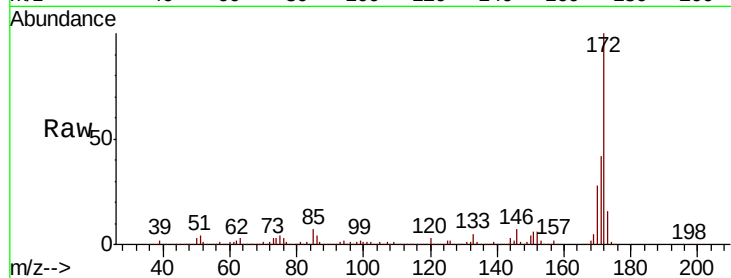
#45
2-Fluorobiphenyl
Concen: 84.266 ng
RT: 13.33 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
172	100		
171	41.9	35.0	52.4
170	28.1	23.5	35.3

Manual Integrations
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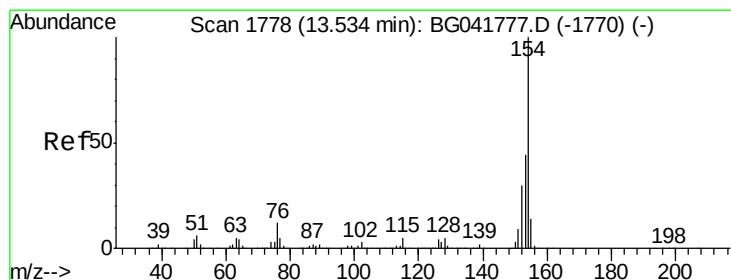
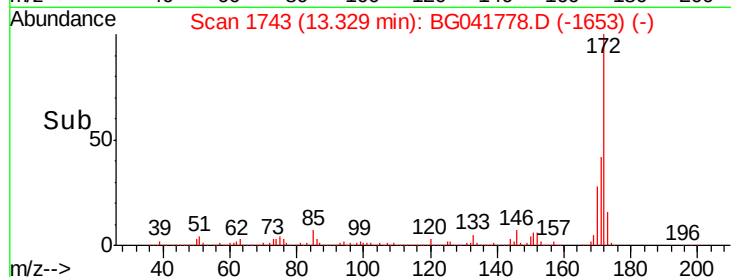
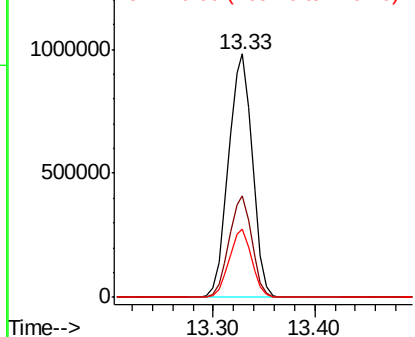


Abundance

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: 41.288 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

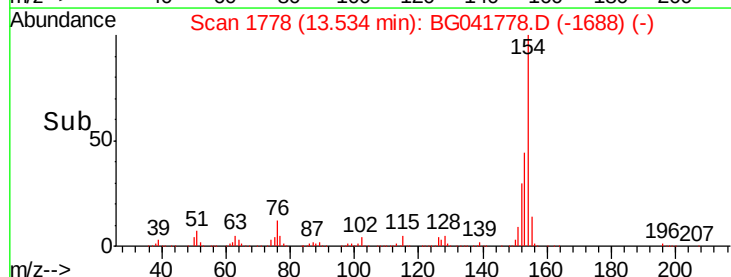
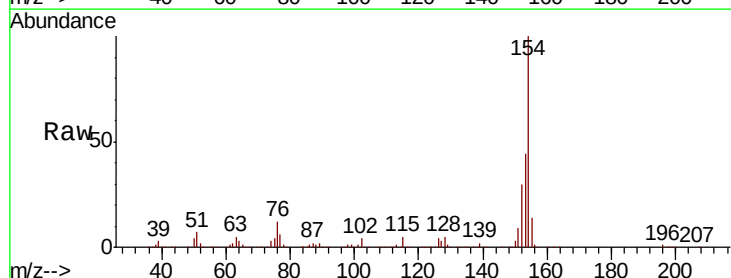
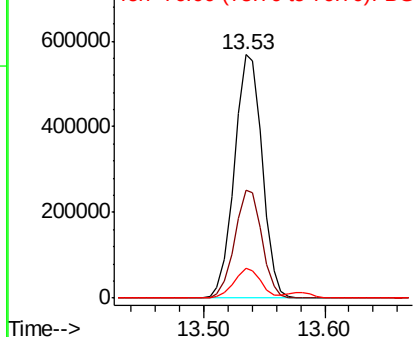
Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	25.0	65.0
76	12.5	0.0	34.5

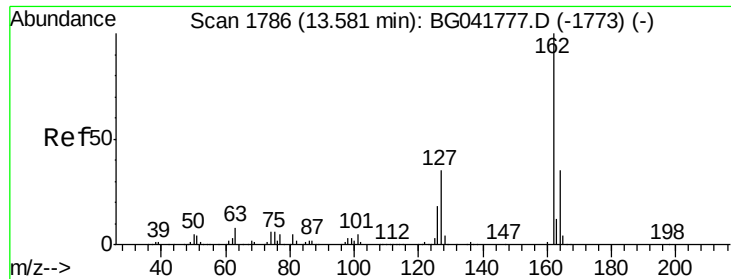
Abundance

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





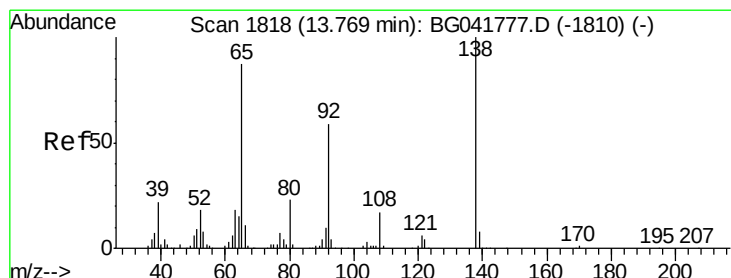
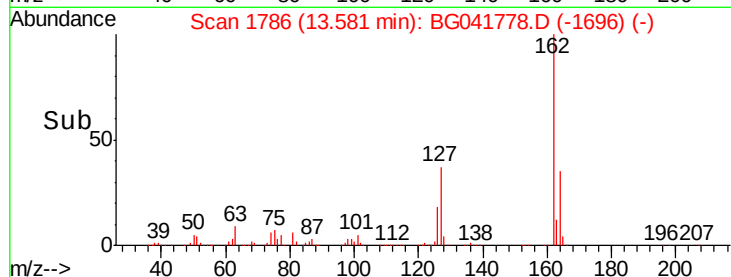
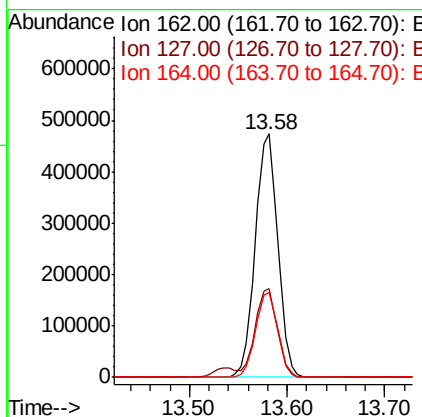
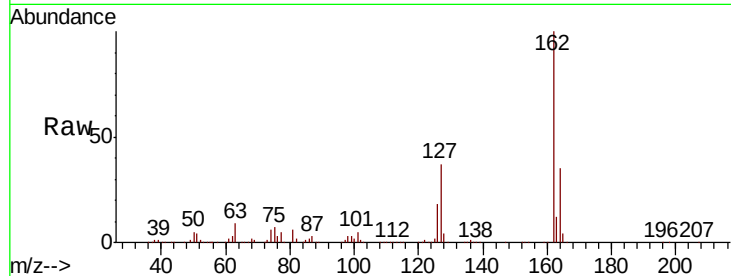
#47
 2-Chloronaphthalene
 Concen: 42.298 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	30.4	45.6
164	34.8	28.6	42.8

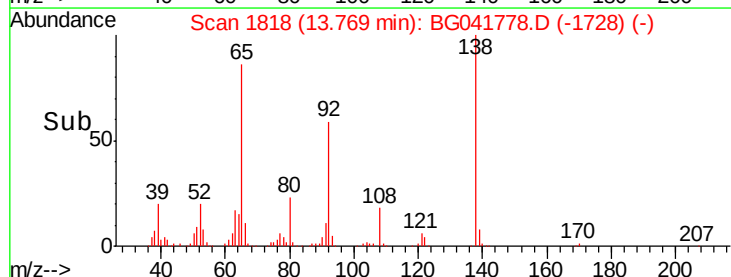
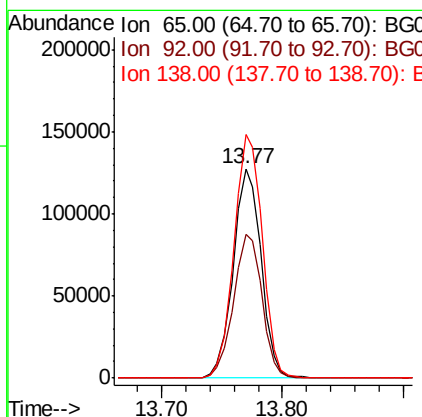
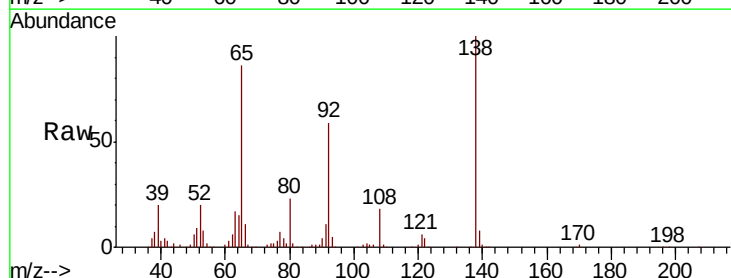
Manual Integrations
 APPROVED

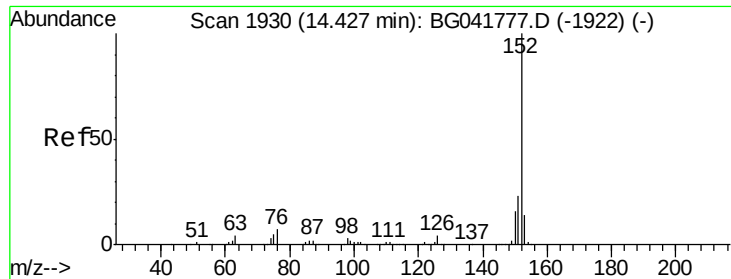
mohammad
 7/29/2019 5:30:16 PM



#48
 2-Nitroaniline
 Concen: 38.543 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.9	80.9
138	116.2	83.5	125.3





#49

Acenaphthylene

Concen: 40.298 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Tot Ion:152 Resp: 1153414

Ion Ratio Lower Upper

152 100

151 23.1 18.7 28.1

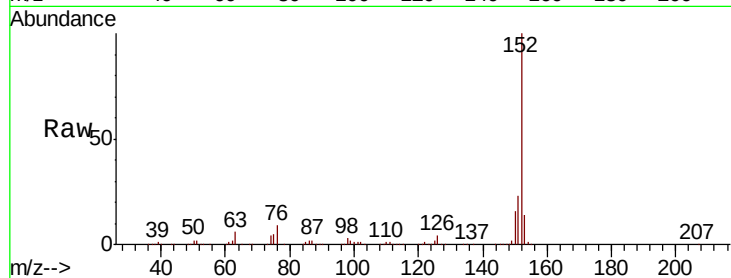
153 14.2 12.4 18.6

Manual Integrations

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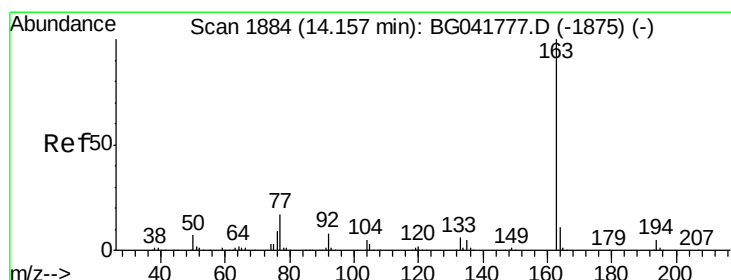
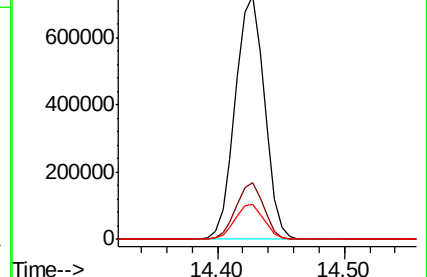
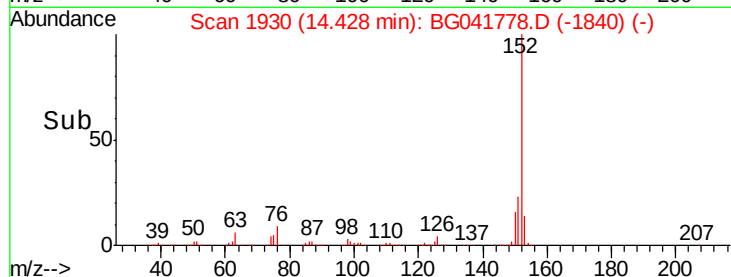
7/29/2019 5:30:16 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.127 ng

RT: 14.16 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

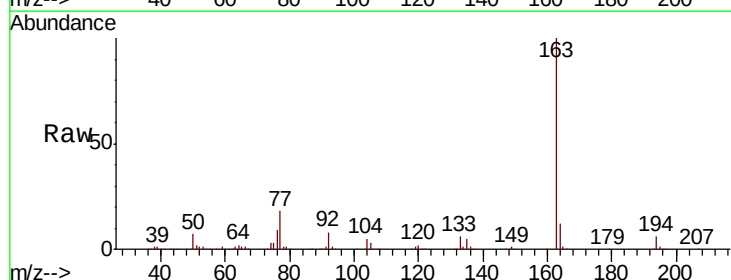
Tgt Ion:163 Resp: 971564

Ion Ratio Lower Upper

163 100

194 5.6 4.2 6.2

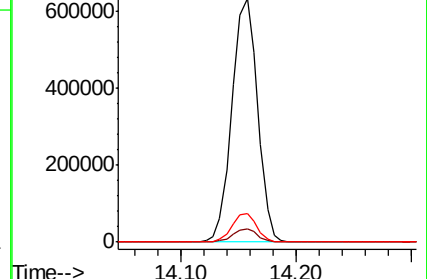
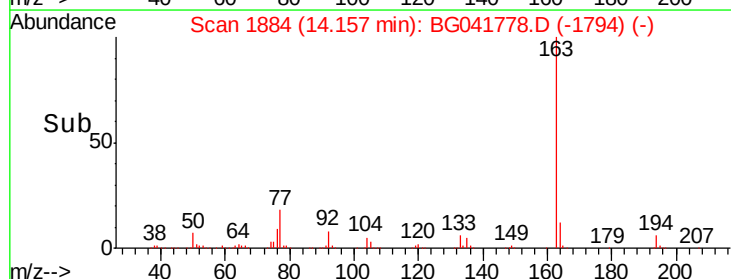
164 11.6 9.4 14.2

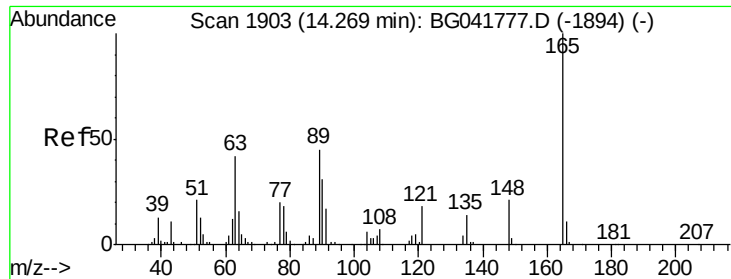


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





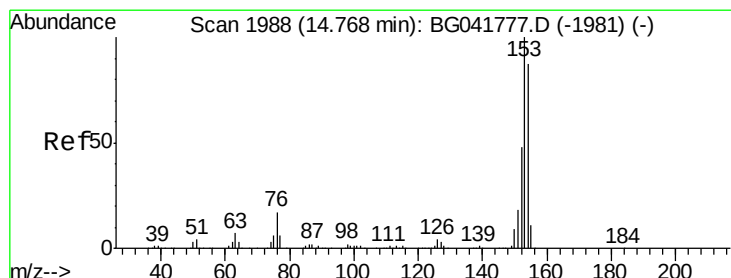
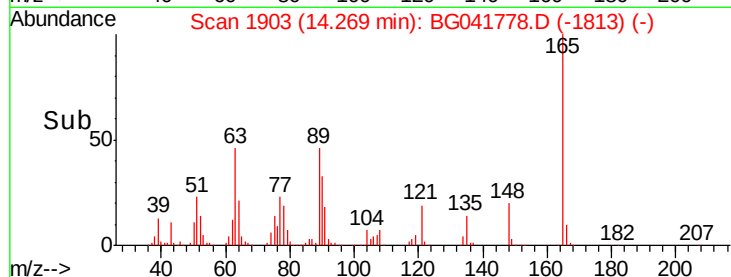
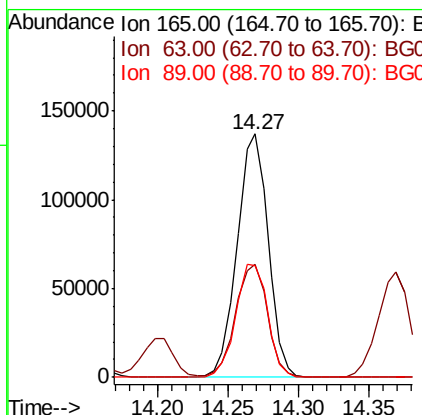
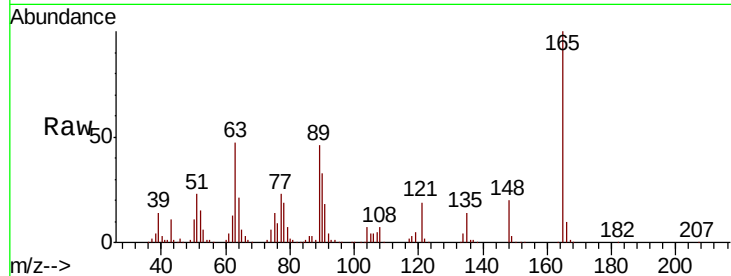
#51
2,6-Dinitrotoluene
Concen: 42.991 ng
RT: 14.27 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	210304		
63	46.6		42.4	63.6
89	45.9		42.1	63.1

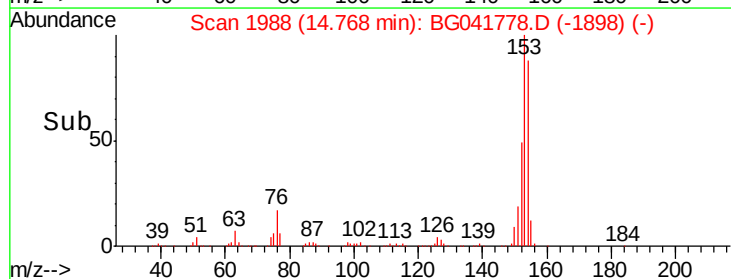
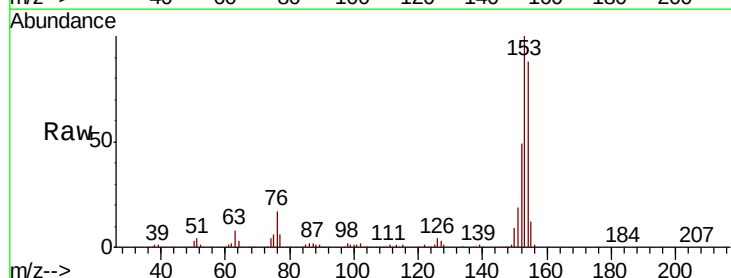
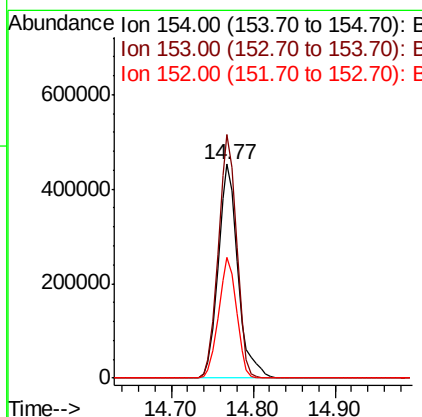
Manual Integrations
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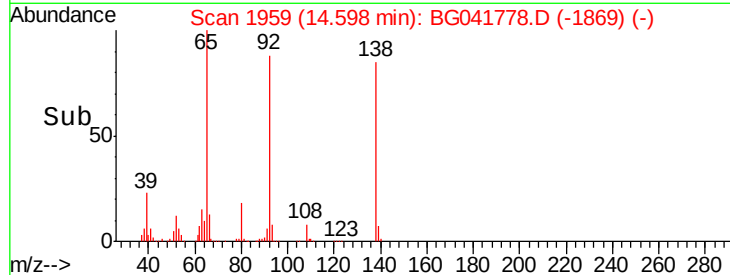
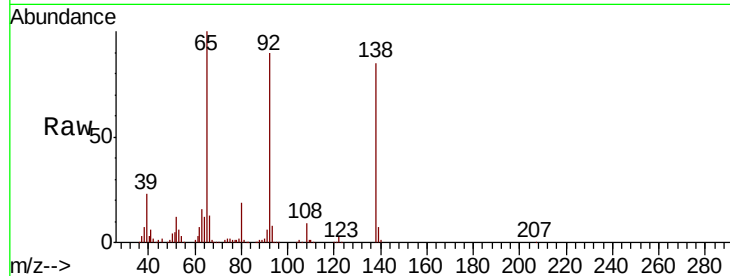
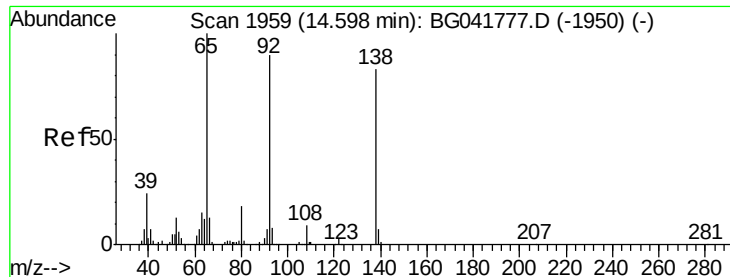
mohammad
7/29/2019 5:30:16 PM



#52
Acenaphthene
Concen: 41.861 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	755066		
153	113.7		89.8	134.6
152	56.2		44.9	67.3





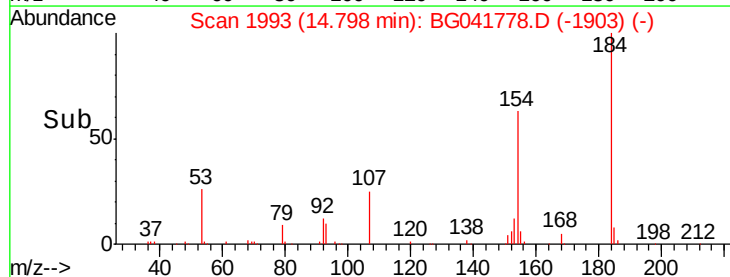
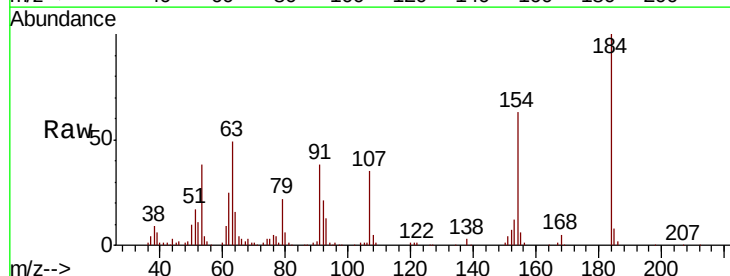
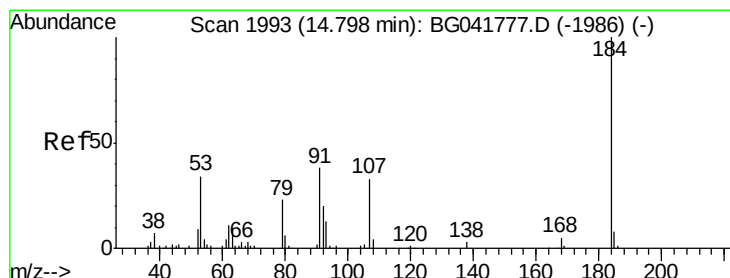
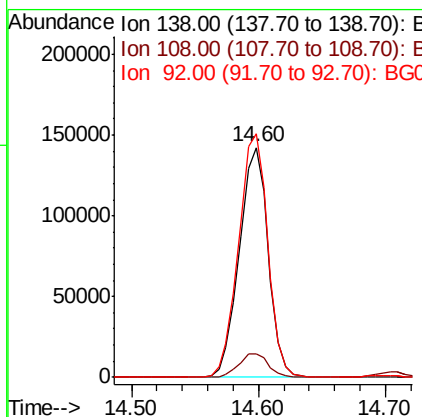
#53
3-Nitroaniline
Concen: 42.148 ng
RT: 14.60 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.3	15.5
92	106.0	93.0	139.4

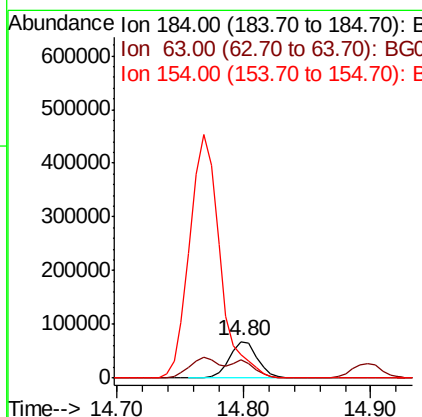
Manual Integrations
APPROVED

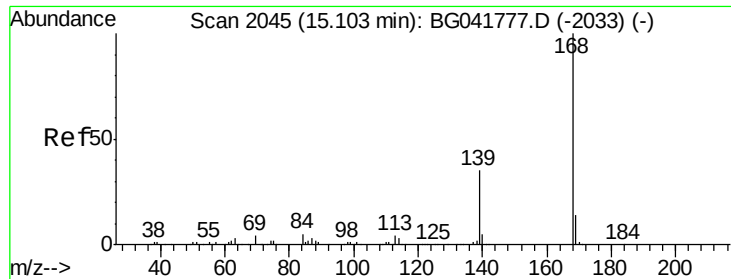
mohammad
7/29/2019 5:30:16 PM



#54
2,4-Dinitrophenol
Concen: 49.780 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.8	43.2	64.8
154	63.3	51.4	77.2





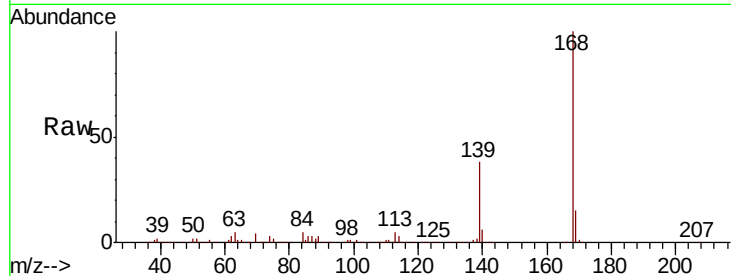
#55
Dibenzenofuran
Concen: 42.258 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.9	47.9
169	15.3	12.5	18.7

Manual Integrations
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7/29/2019 5:30:16 PM

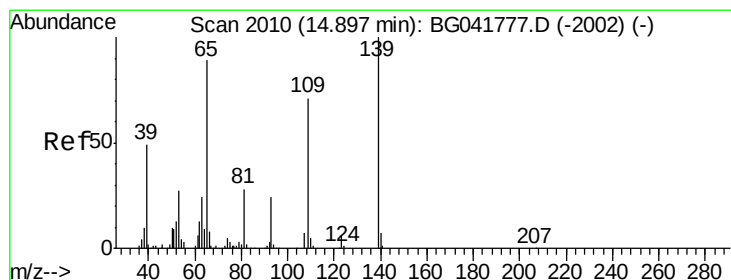
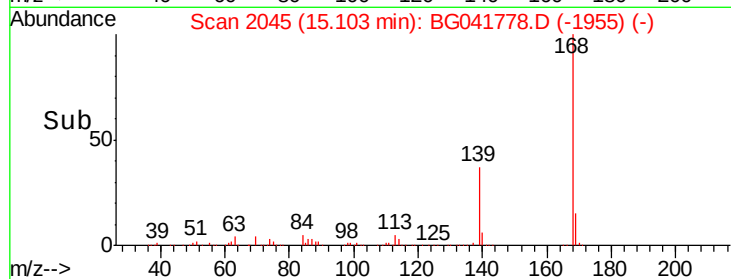
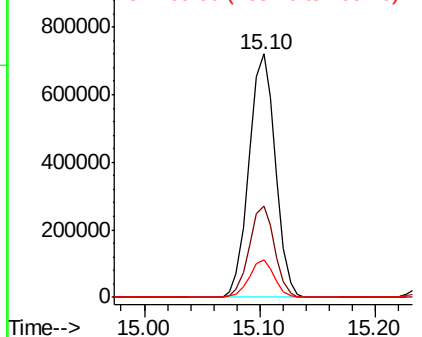


Abundance

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: 39.458 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

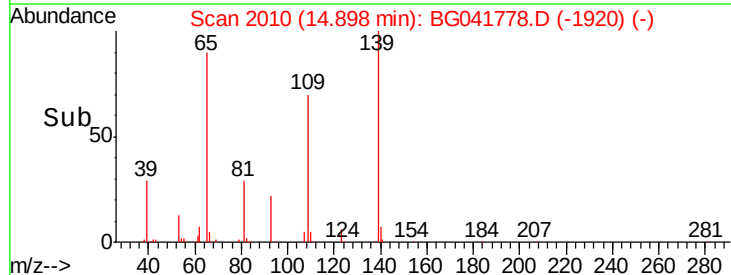
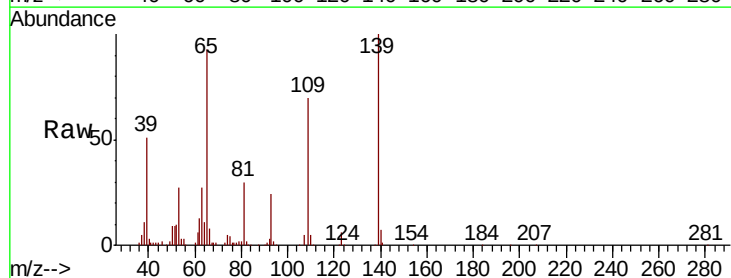
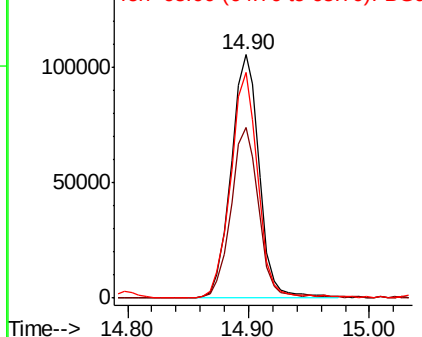
Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.2	51.3	91.3
65	92.9	77.6	117.6

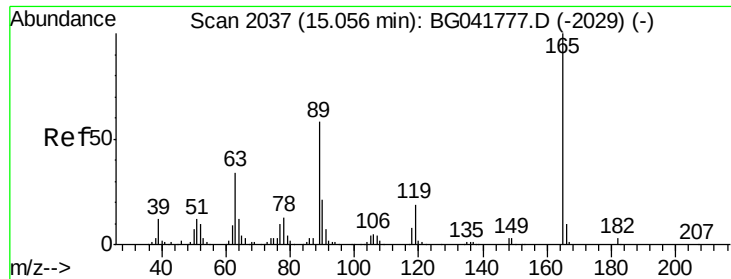
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





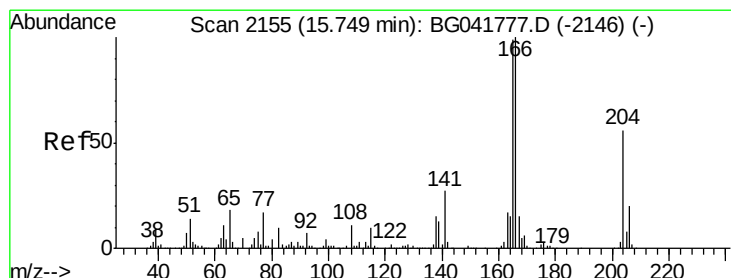
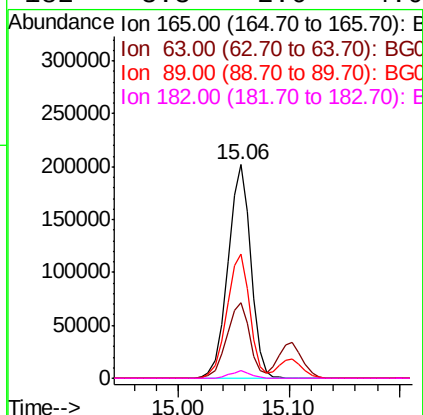
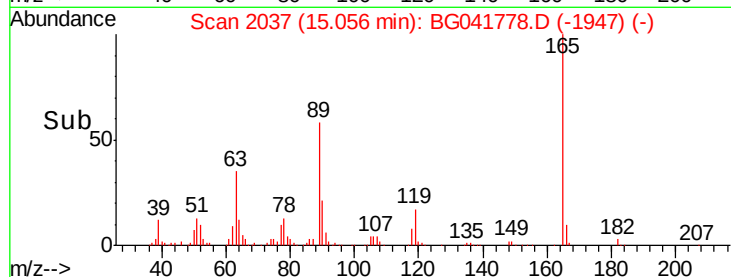
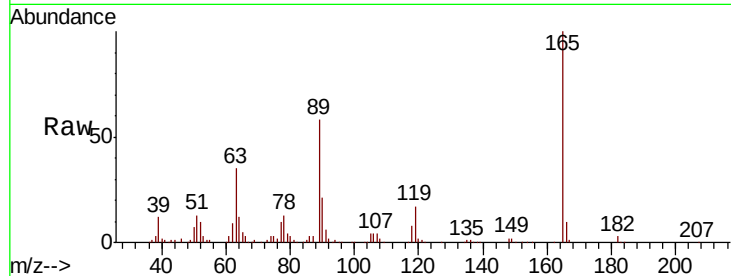
#57
2,4-Dinitrotoluene
Concen: 45.040 ng
RT: 15.06 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
165	100	291249		
63	35.2		31.7	47.5
89	57.9		50.2	75.4
182	3.3		2.6	4.0

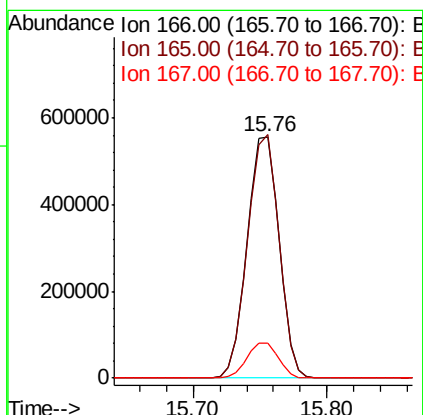
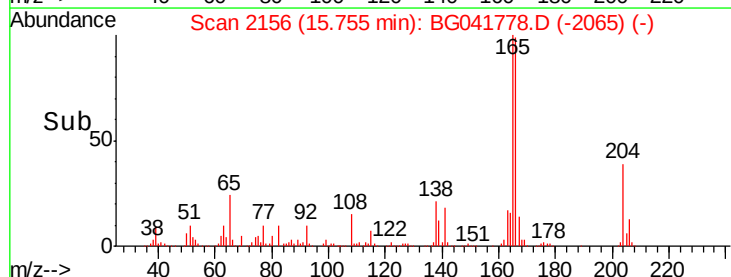
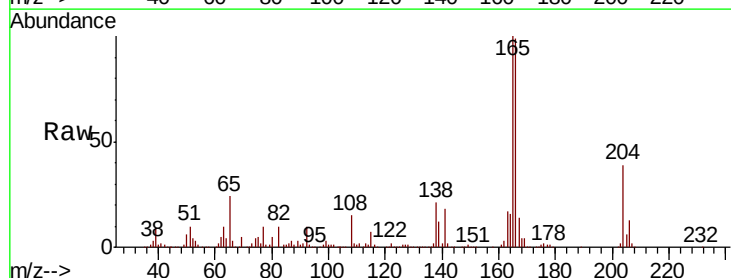
Manual Integrations
APPROVED

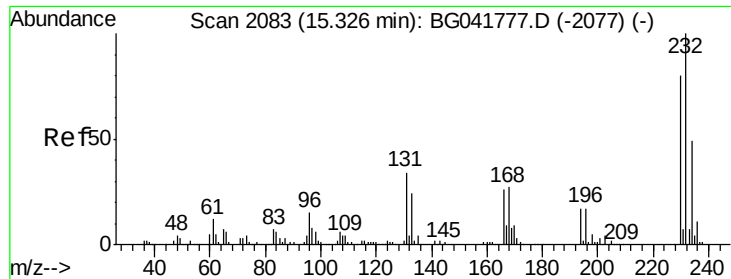
mohammad
7/29/2019 5:30:16 PM



#58
Fluorene
Concen: 41.663 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	917564		
165	100.9		80.5	120.7
167	14.4		12.4	18.6





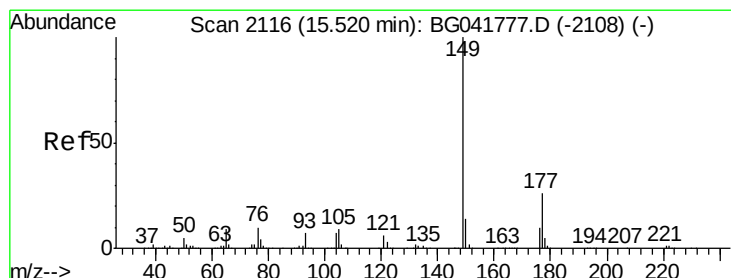
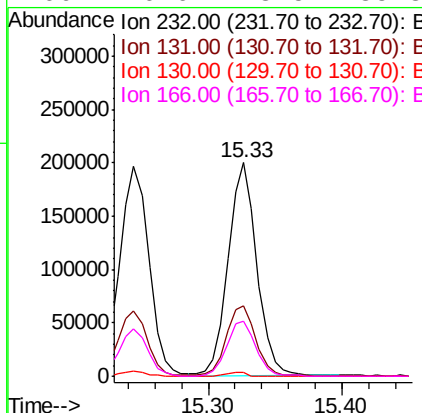
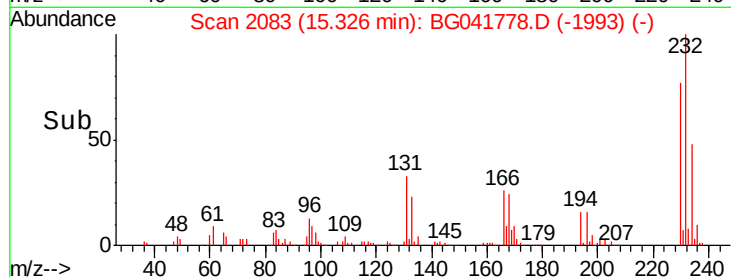
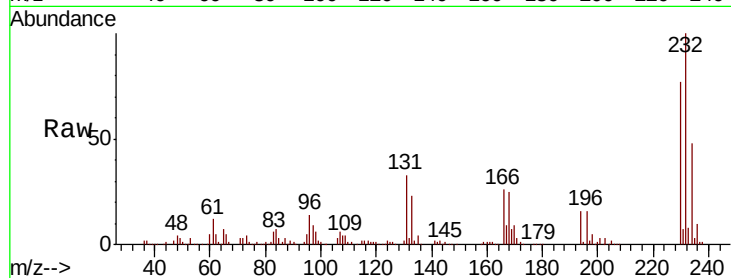
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.883 ng
 RT: 15.33 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		298038		
131	33.9	31.8	47.6		
130	1.4	1.8	2.8		
166	26.6	23.5	35.3		

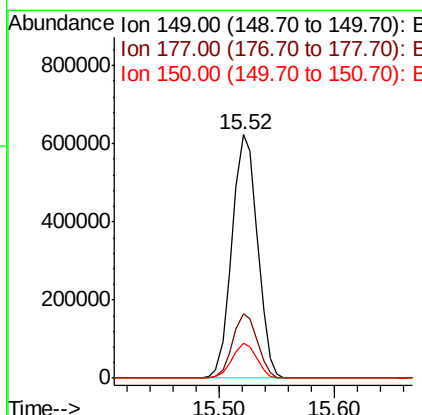
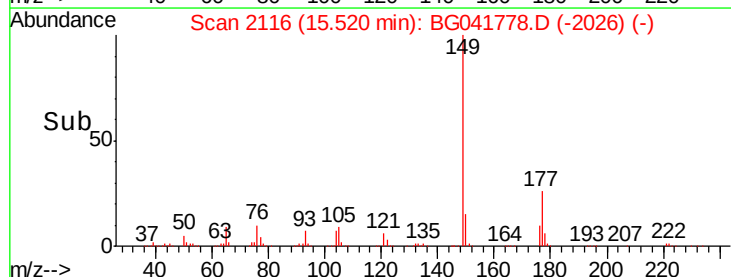
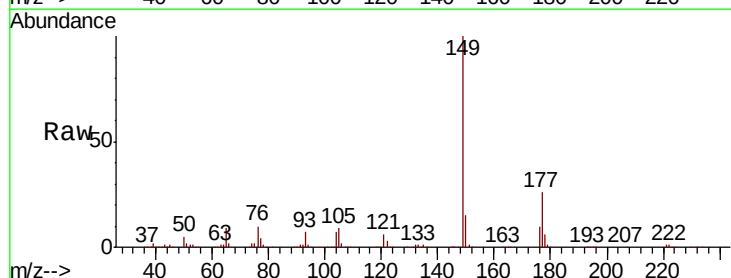
Manual Integrations
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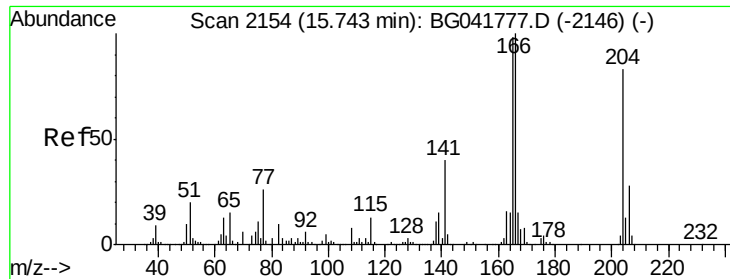
mohammad
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#60
 Diethylphthalate
 Concen: 40.981 ng
 RT: 15.52 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		952149		
177	26.4	20.7	31.1		
150	14.5	11.5	17.3		





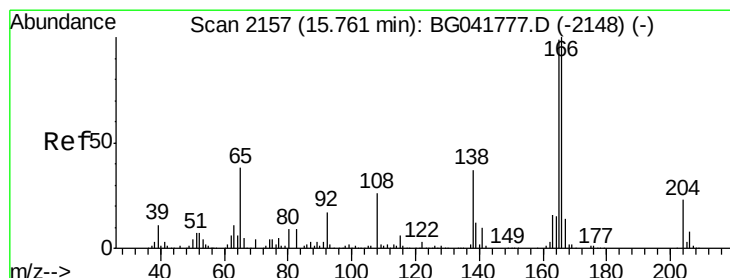
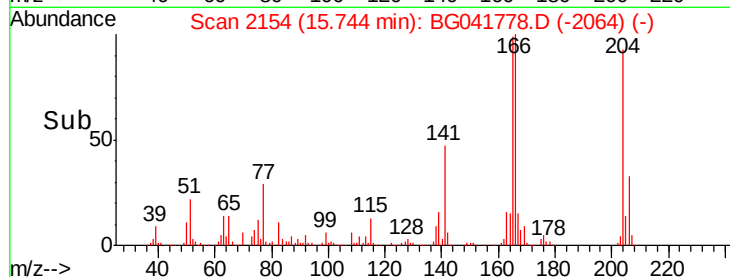
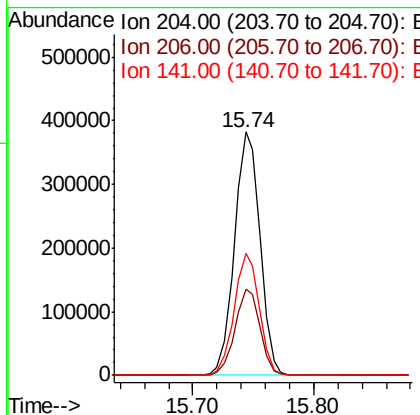
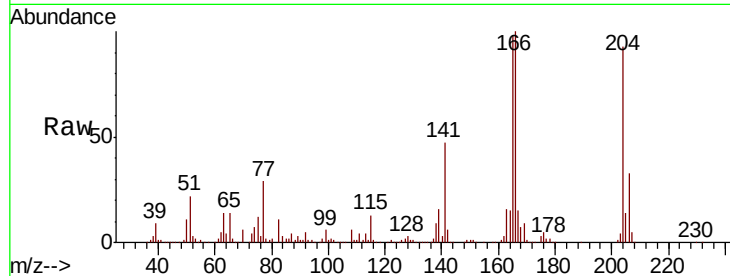
#61
 4-Chlorophenyl-phenylether
 Concen: 45.135 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	28.6	42.8
141	50.3	42.9	64.3

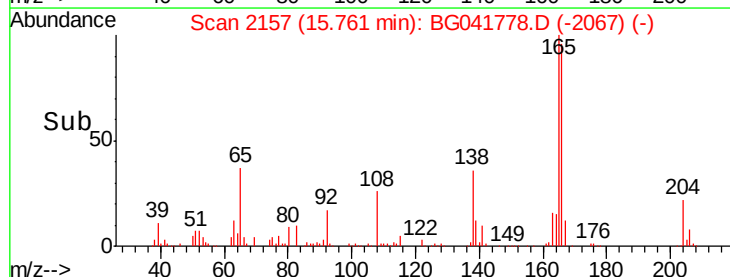
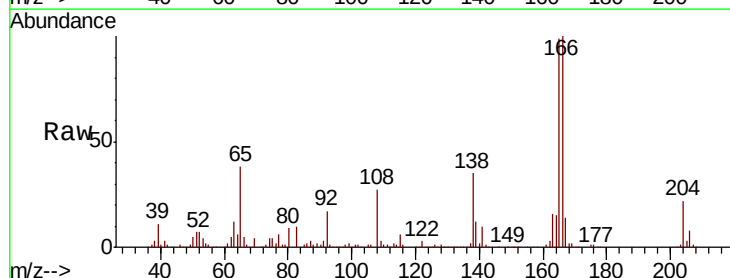
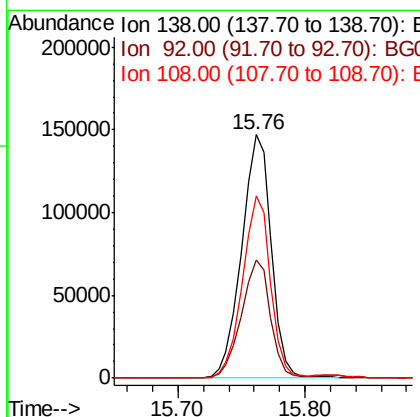
Manual Integrations
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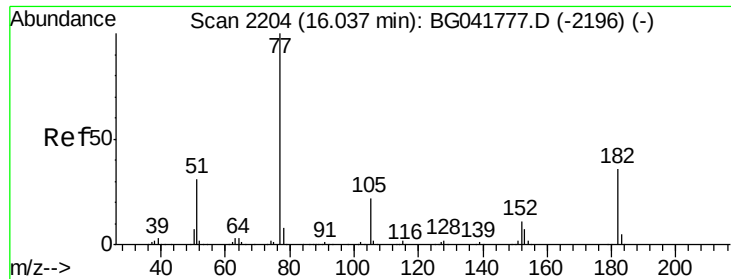
mohammad
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#62
 4-Nitroaniline
 Concen: 42.050 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.6	29.8	69.8
108	74.9	52.2	92.2





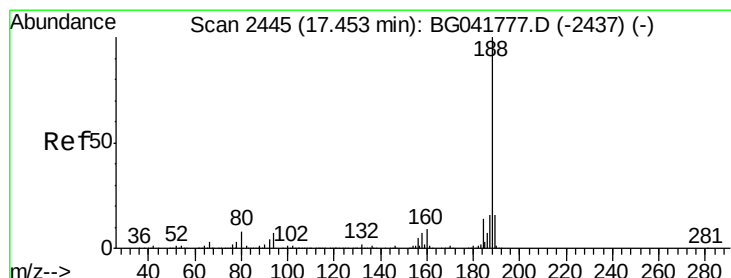
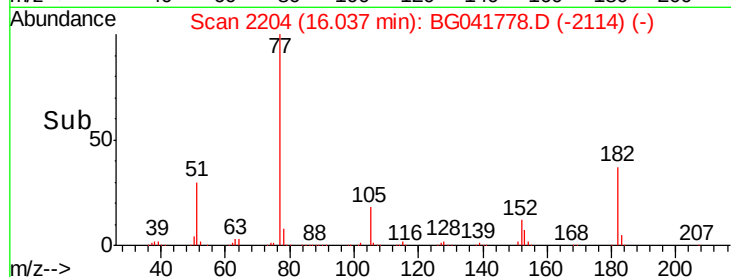
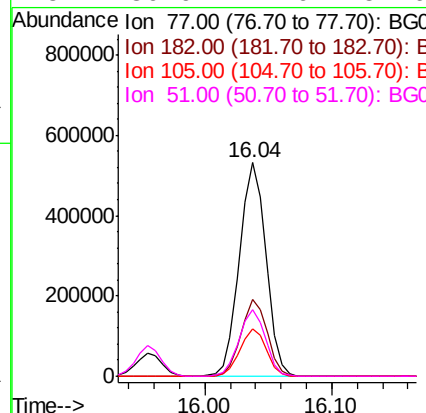
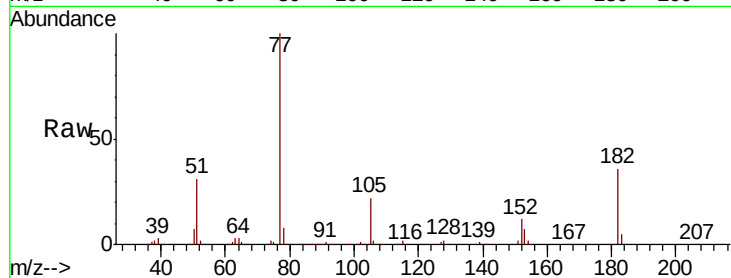
#63
Azobenzene
Concen: 36.537 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	36.2	13.2	53.2
105	105	21.9	2.2	42.2
51	51	30.9	14.6	54.6

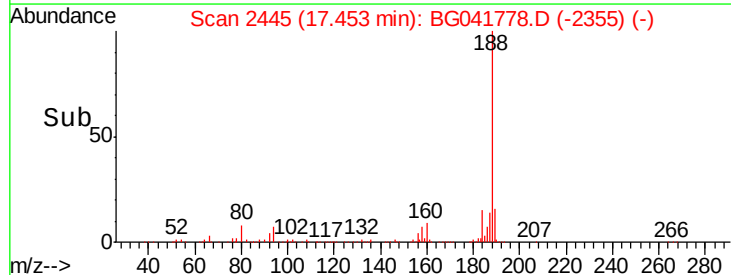
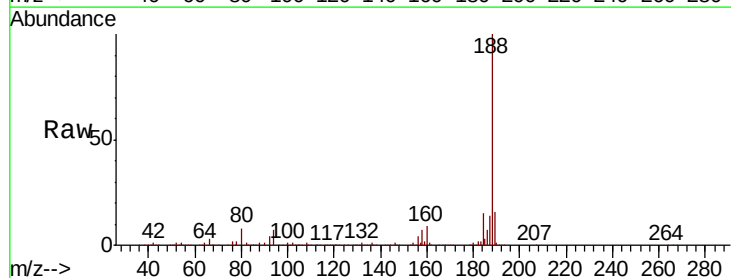
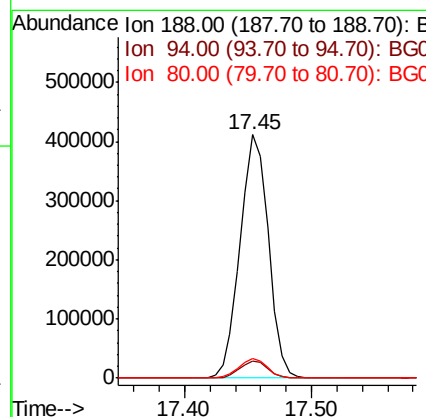
Manual Integrations
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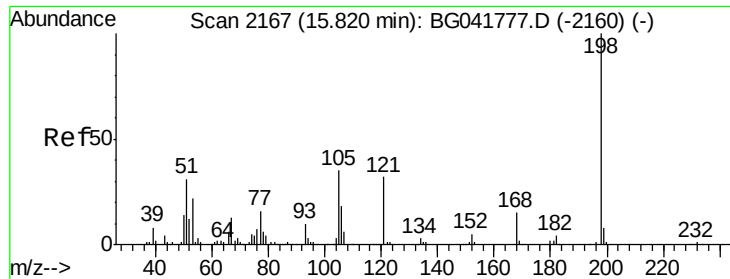
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	7.1	6.9	10.3
80	80	8.0	8.0	12.0





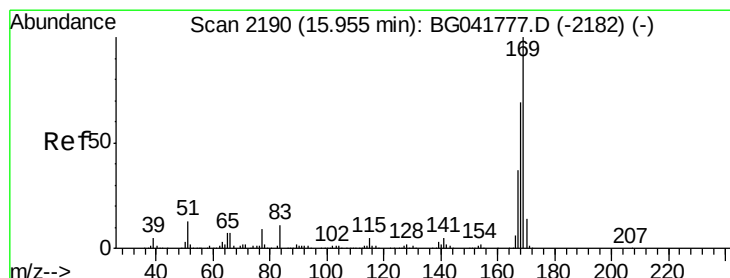
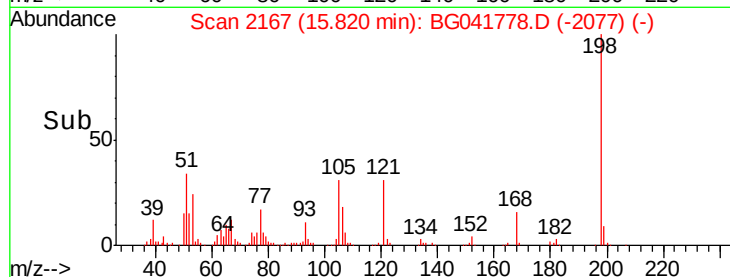
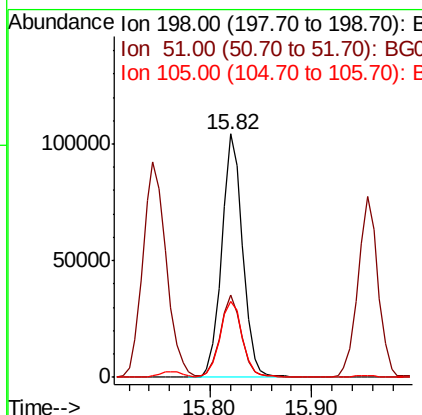
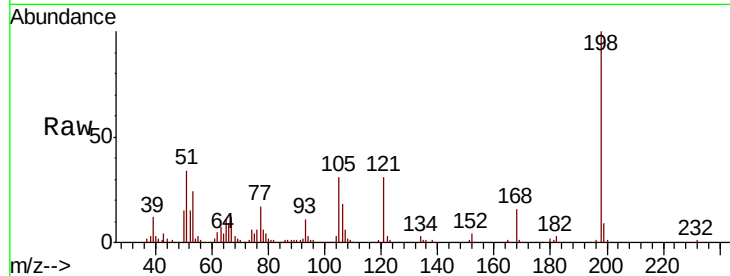
#65
4,6-Dinitro-2-methylphenol
Concen: 53.183 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampled :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
198	100	148963		
51	33.6	22.3	62.3	
105	31.4	18.0	58.0	

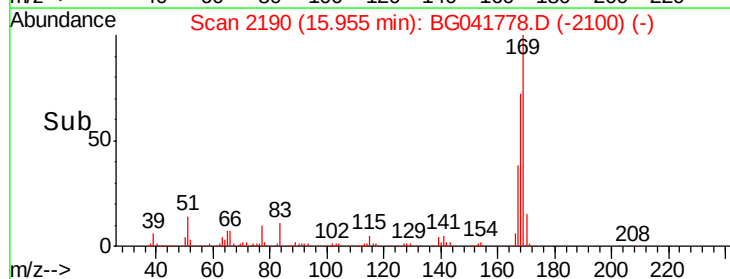
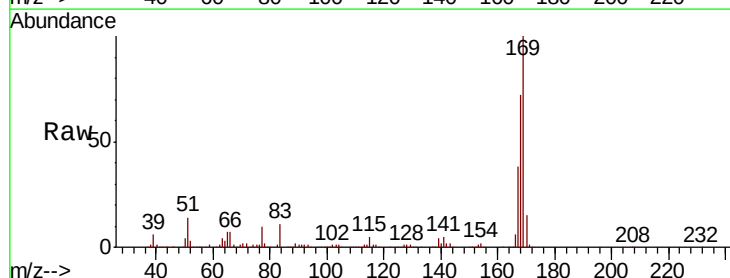
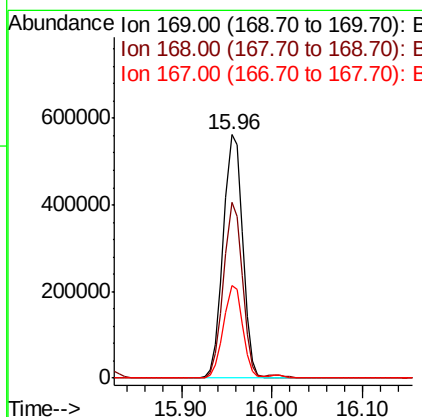
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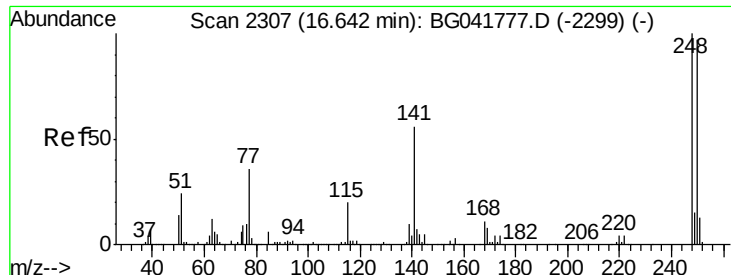
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#66
n-Nitrosodiphenylamine
Concen: 44.988 ng
RT: 15.96 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	840124		
168	72.0	56.9	85.3	
167	38.1	31.5	47.3	





#67

4-Bromophenyl-phenylether

Concen: 50.649 ng

RT: 16.64 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

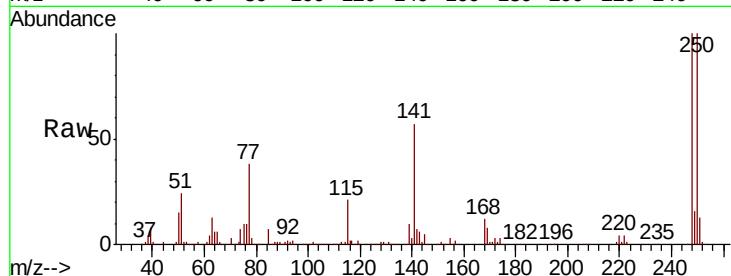
ClientSampleId :

SSTDIC050

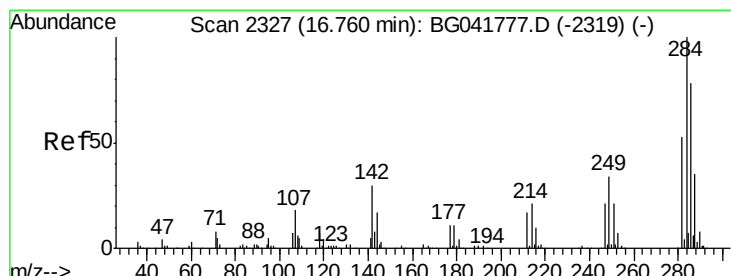
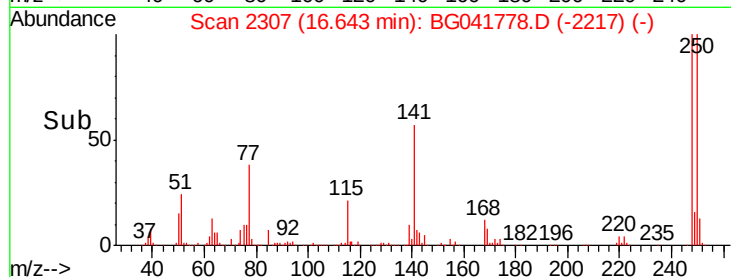
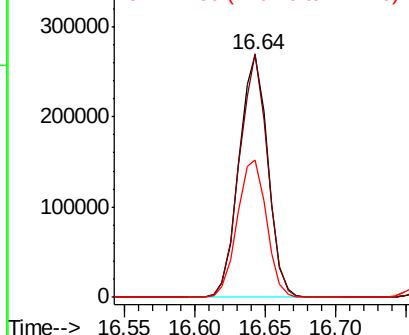
Tot Ion:	248	Resp:	383237
Ion Ratio	Lower	Upper	
248	100		
250	100.4	78.1	117.1
141	56.8	49.6	74.4

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 52.834 ng

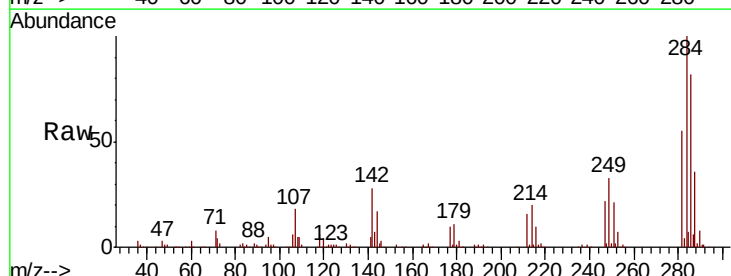
RT: 16.77 min Scan# 2328

Delta R.T. 0.01 min

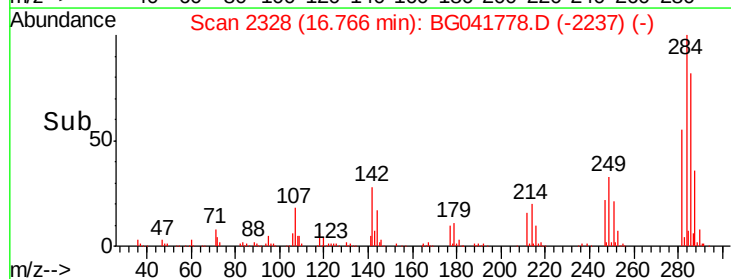
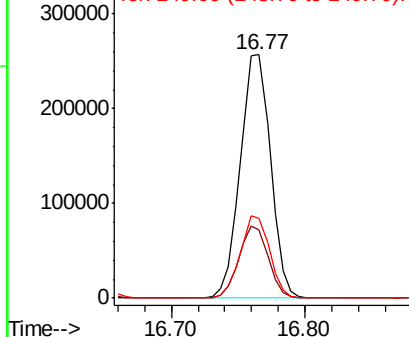
Lab File: BG041778.D

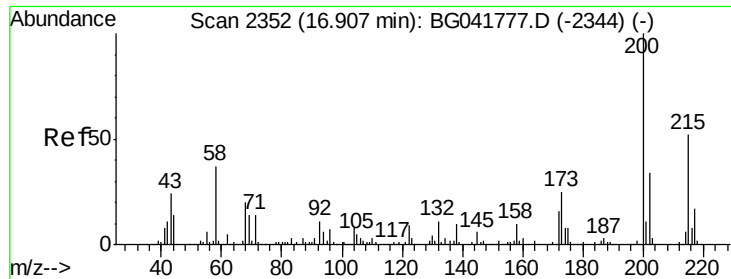
Acq: 27 Jul 2019 15:45

Tgt Ion:	284	Resp:	402562
Ion Ratio	Lower	Upper	
284	100		
142	28.0	27.0	40.6
249	32.6	28.4	42.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





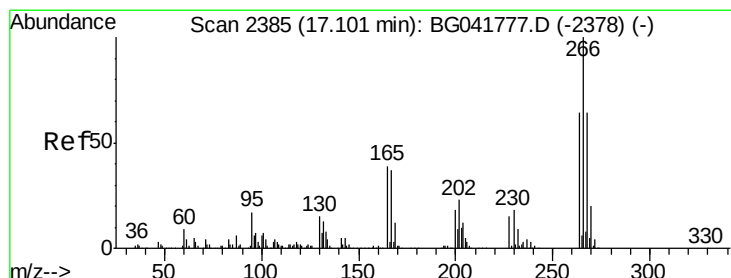
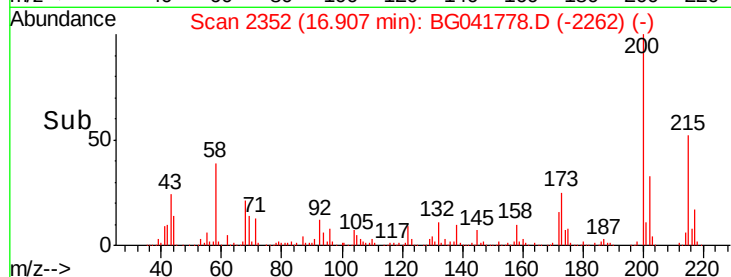
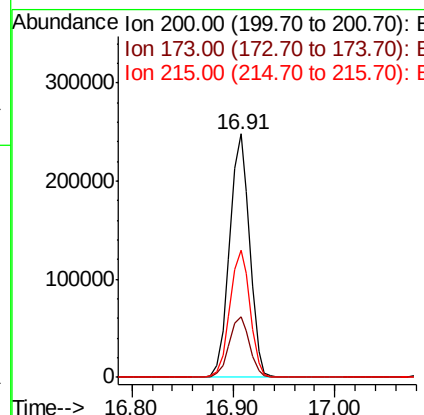
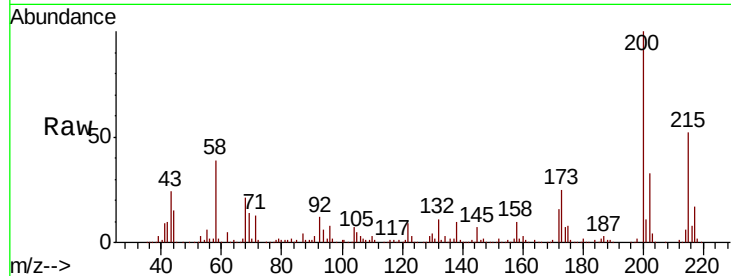
#69
Atrazine
Concen: 50.080 ng
RT: 16.91 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
200	100	339387		
173	24.9	5.3	45.3	
215	52.4	31.8	71.8	

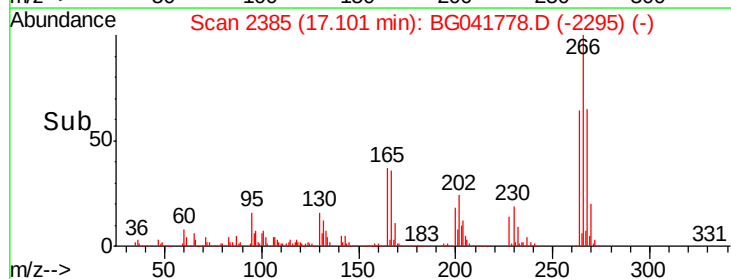
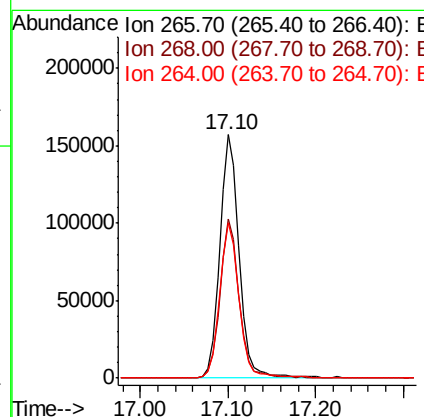
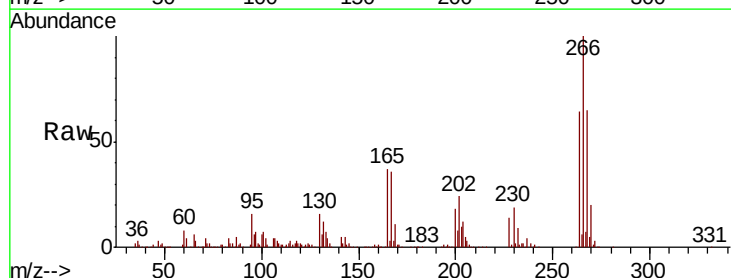
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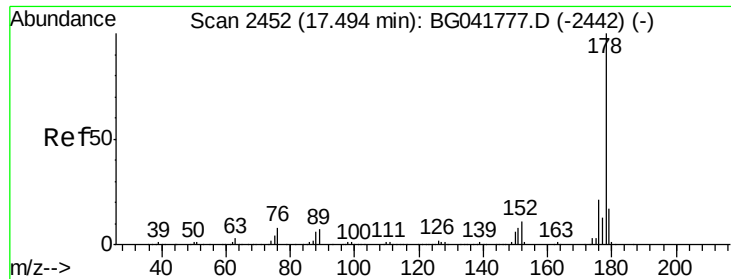
mohammad
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#70
Pentachlorophenol
Concen: 50.730 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	241687		
268	65.2	52.9	79.3	
264	63.5	51.4	77.2	





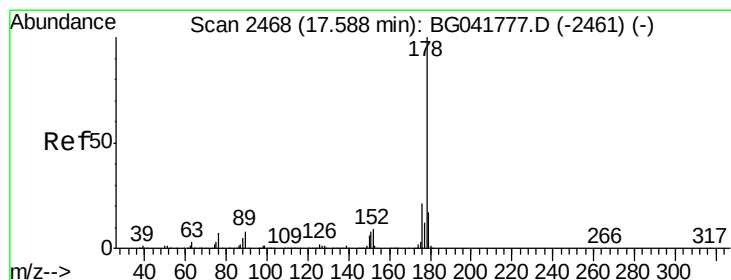
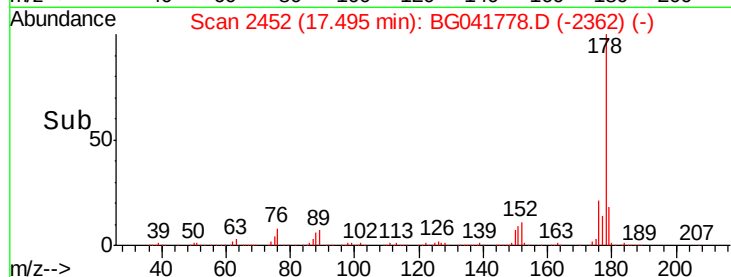
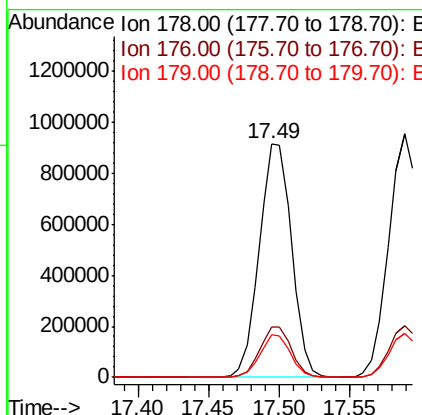
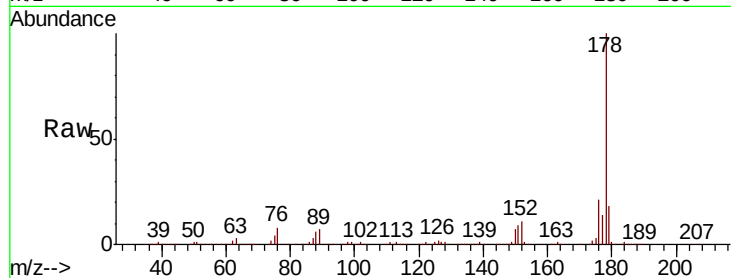
#71
Phenanthrene
Concen: 46.113 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion:178 Resp: 1476746
Ion Ratio Lower Upper
178 100
176 21.5 18.6 28.0
179 18.0 15.4 23.0

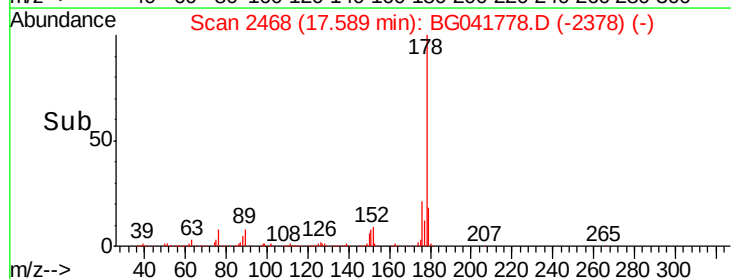
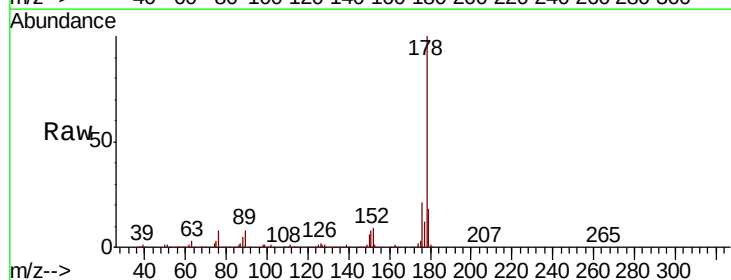
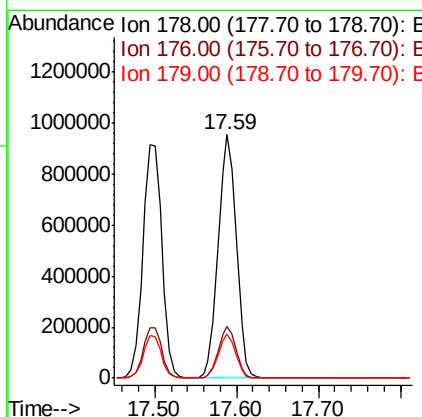
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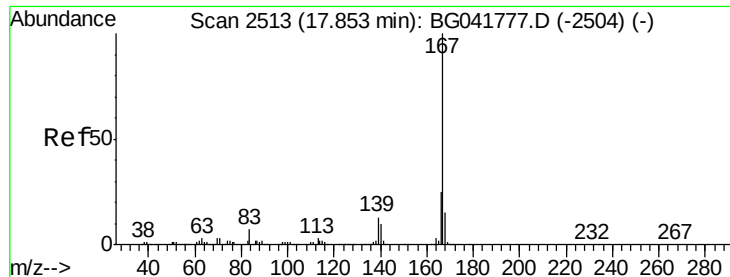
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#72
Anthracene
Concen: 46.423 ng
RT: 17.59 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion:178 Resp: 1481926
Ion Ratio Lower Upper
178 100
176 21.4 18.6 28.0
179 18.2 15.1 22.7





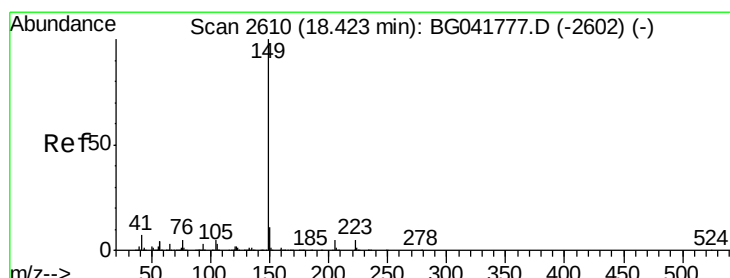
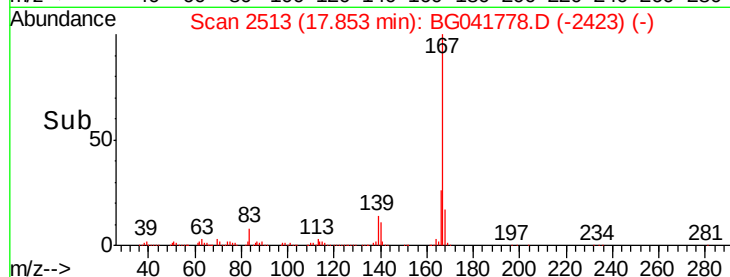
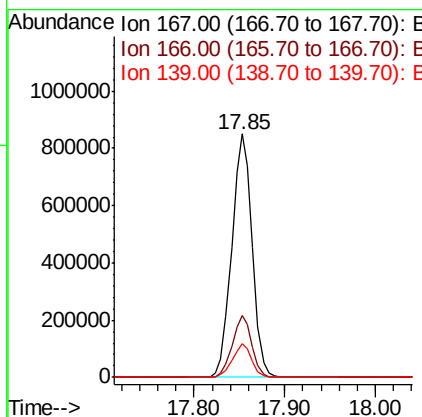
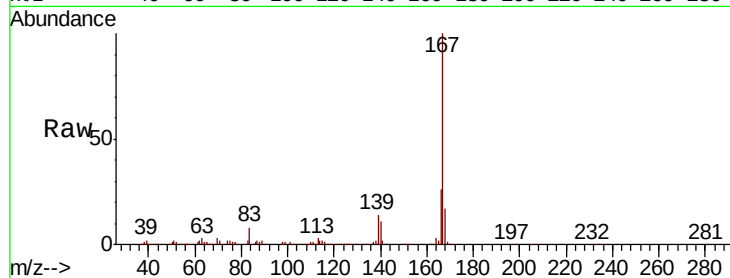
#73
 Carbazole
 Concen: 44.943 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.6	21.4	32.2
139	13.8	12.1	18.1

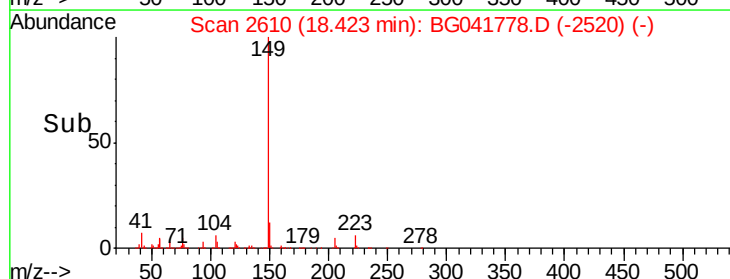
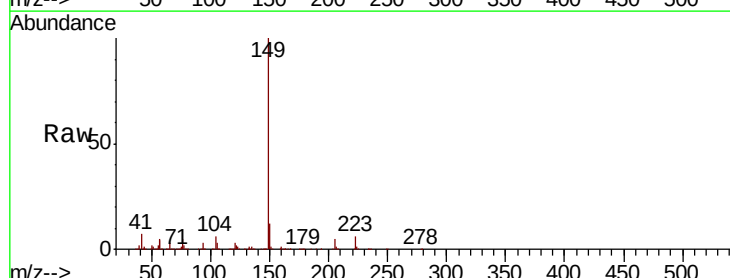
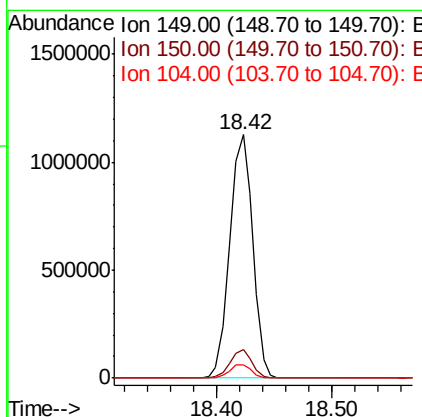
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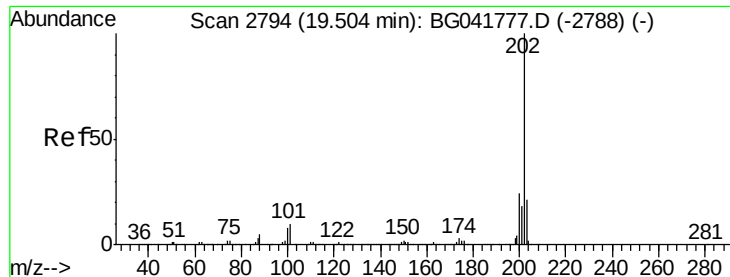
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.956 ng
 RT: 18.42 min Scan# 2610
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.9	10.2	15.2
104	5.6	5.3	7.9





#75

Fluoranthene

Concen: 45.627 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

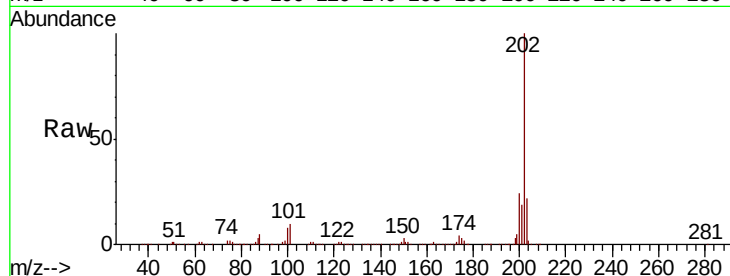
ClientSampleId :

SSTDICC050

Tot Ion:	202	Resp:	1794221
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	32.8
203	21.6	3.7	43.7

Manual Integrations
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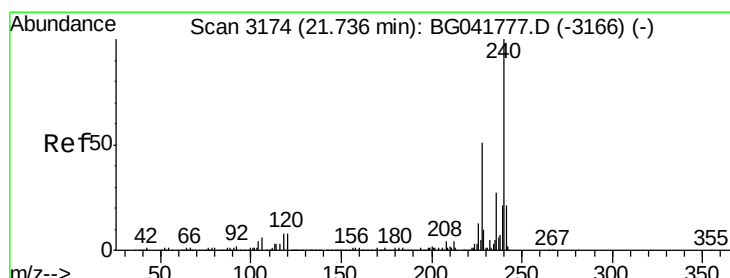
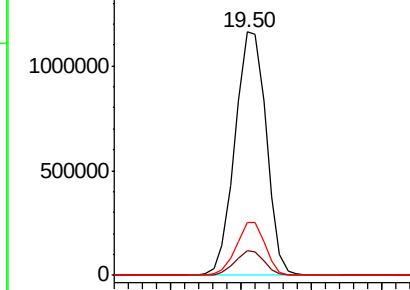
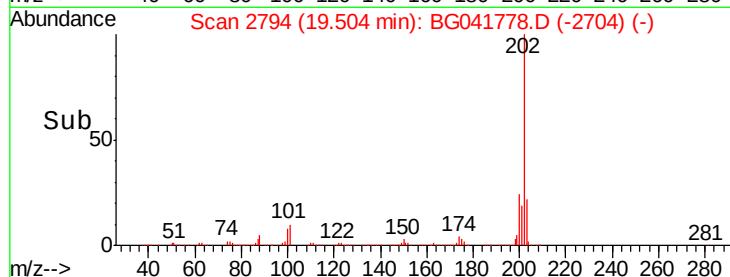


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

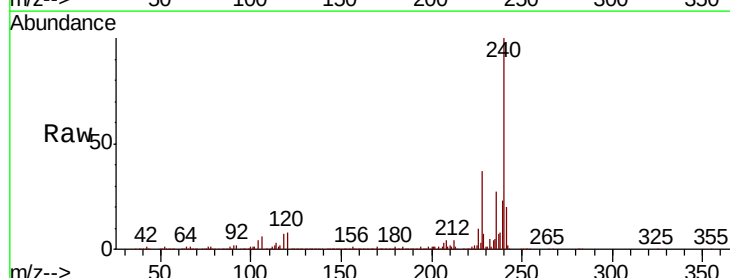
RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Tgt Ion:	240	Resp:	624277
Ion Ratio	Lower	Upper	
240	100		
120	7.6	8.0	12.0#
236	27.1	22.6	33.8

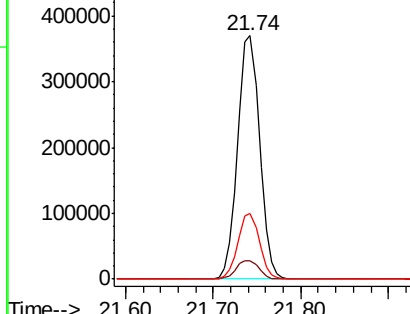
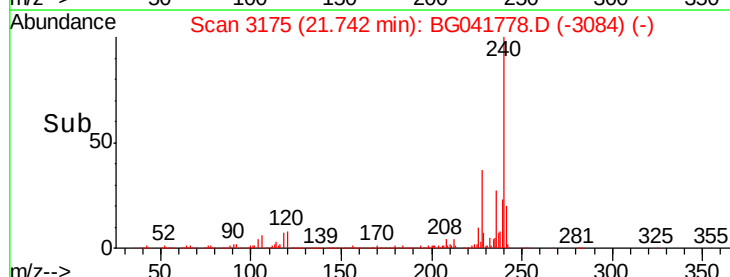


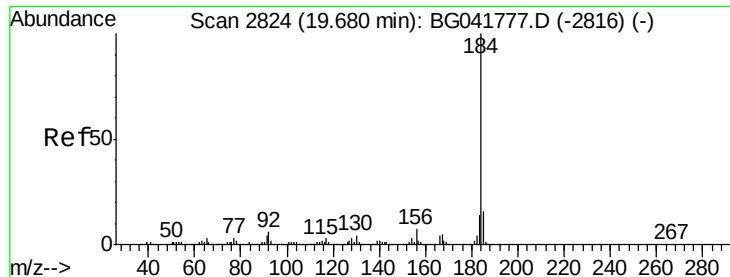
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.942 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:184 Resp: 1008139

Ion Ratio Lower Upper

184 100

185 16.8 13.0 19.4

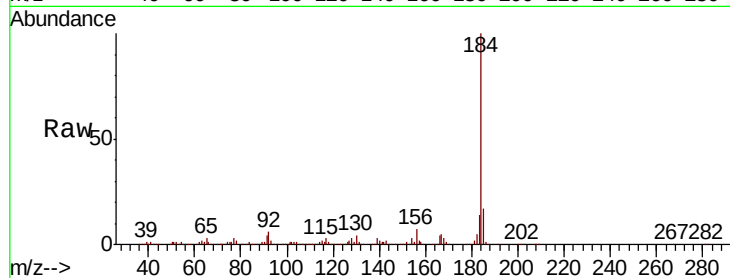
183 14.5 11.8 17.6

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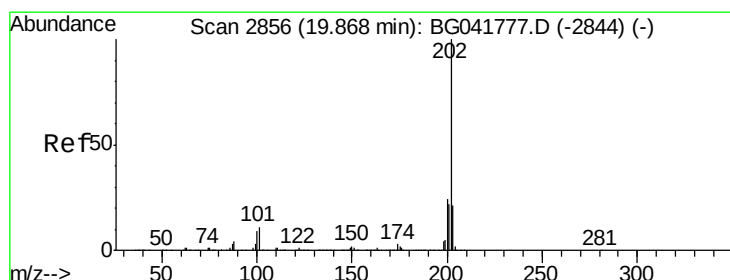
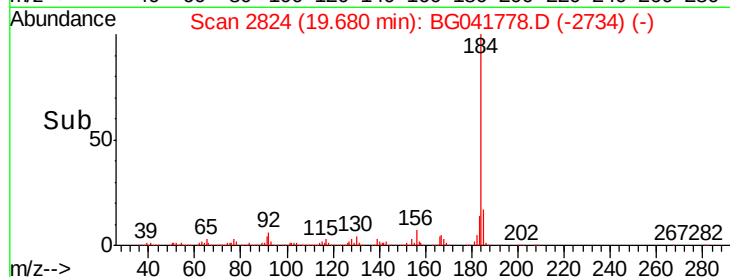
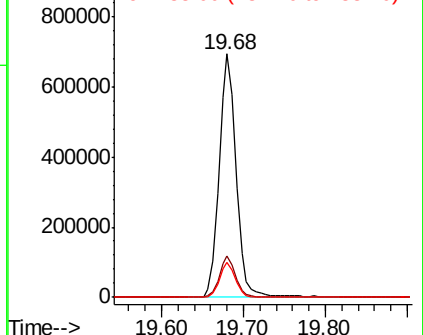
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.697 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

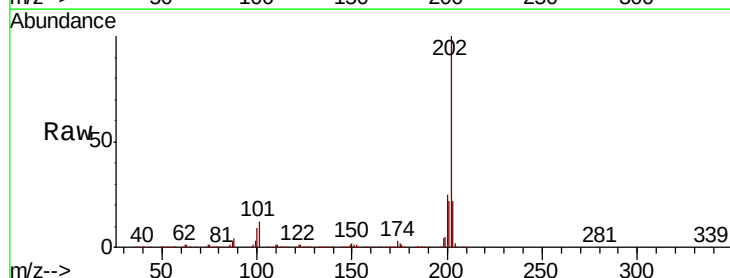
Tgt Ion:202 Resp: 1802743

Ion Ratio Lower Upper

202 100

200 25.3 22.2 33.2

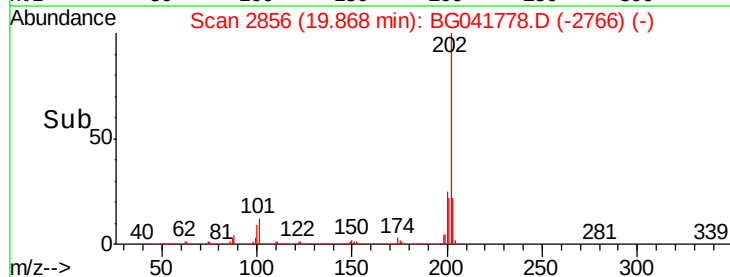
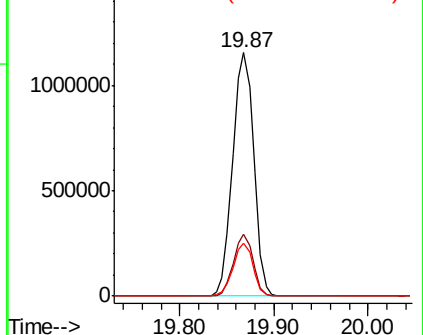
203 21.9 18.9 28.3

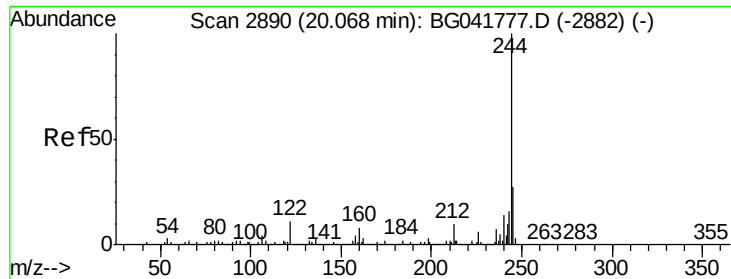


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





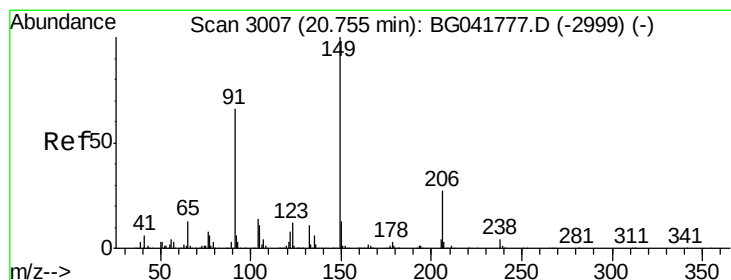
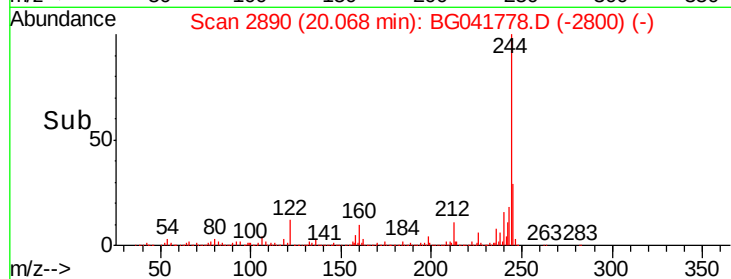
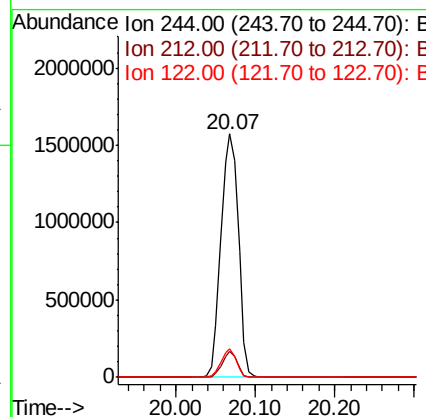
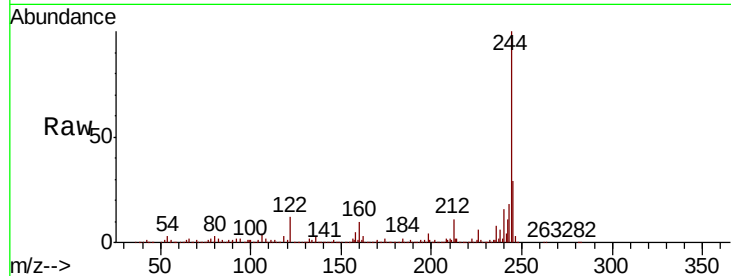
#79
 Terphenyl-d14
 Concen: 89.572 ng
 RT: 20.07 min Scan# 2890
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
244	100		
212	10.8	9.7	14.5
122	11.8	12.5	18.7

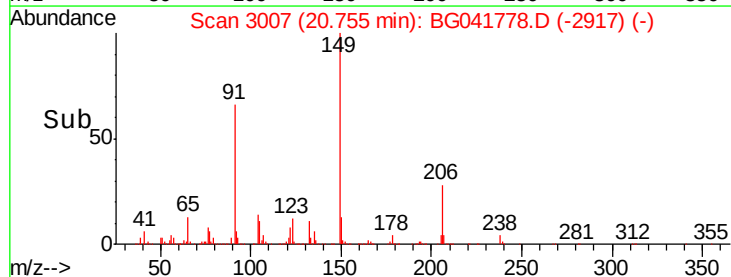
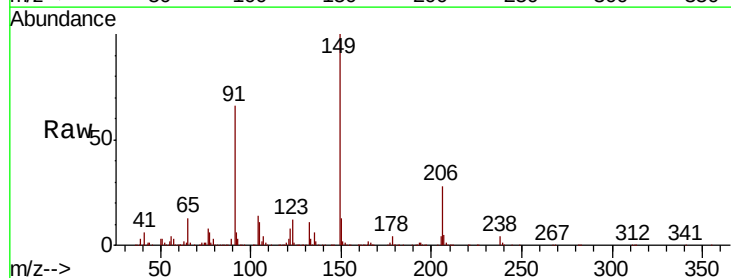
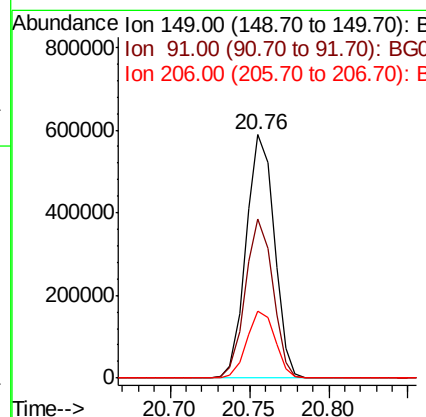
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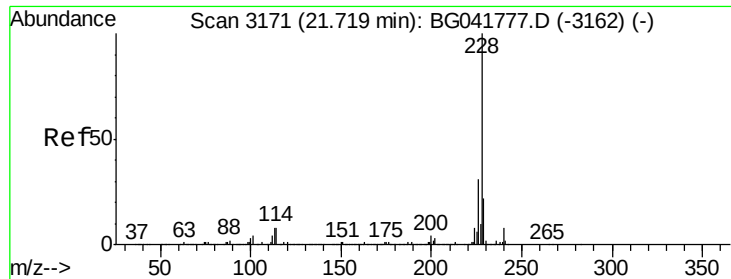
mohammad
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#80
 Butylbenzylphthalate
 Concen: 41.463 ng
 RT: 20.76 min Scan# 3007
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.5	58.9	88.3
206	27.6	20.8	31.2





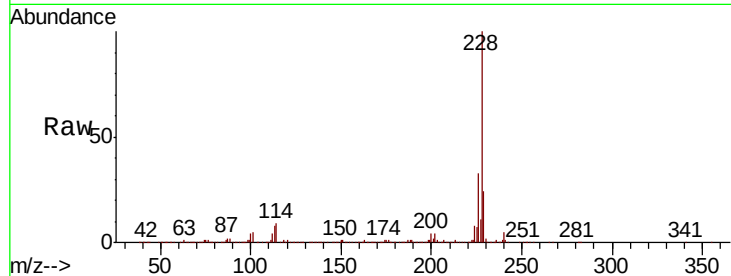
#81
Benzo(a)anthracene
Concen: 44.532 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	27.3	40.9
229	24.0	19.7	29.5

Manual Integrations
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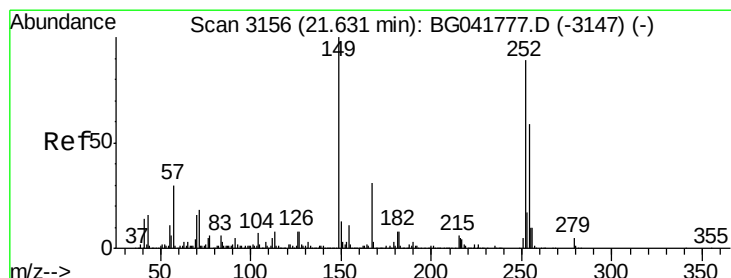
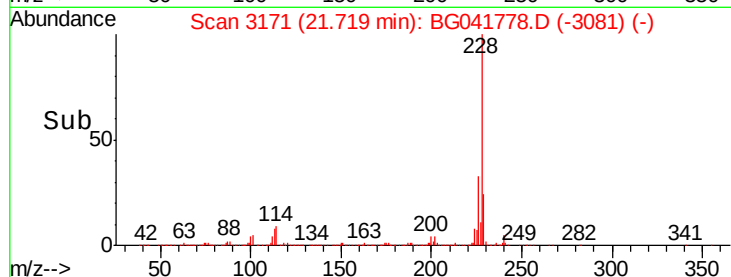
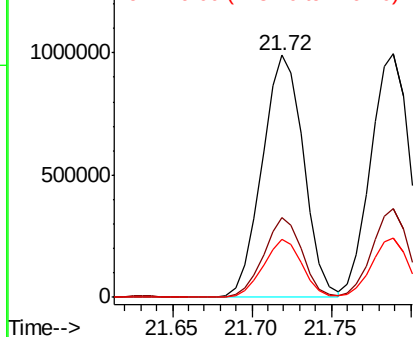


Abundance

Ion 228.00 (227.70 to 228.70): E

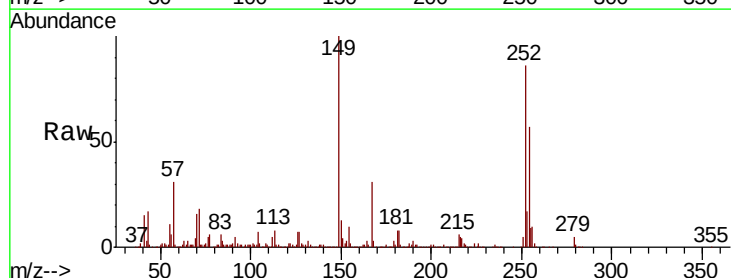
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 46.353 ng
RT: 21.63 min Scan# 3156
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	53.8	80.6
126	8.4	7.8	11.8

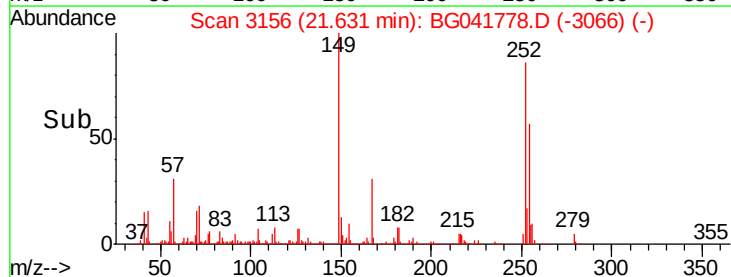
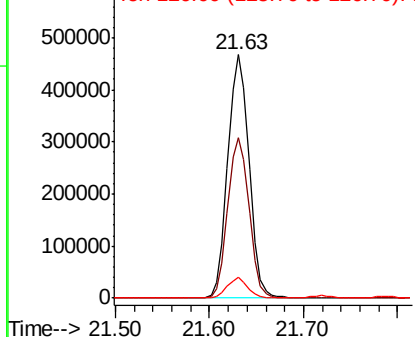


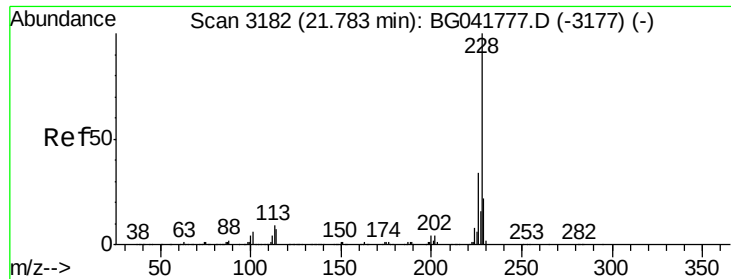
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





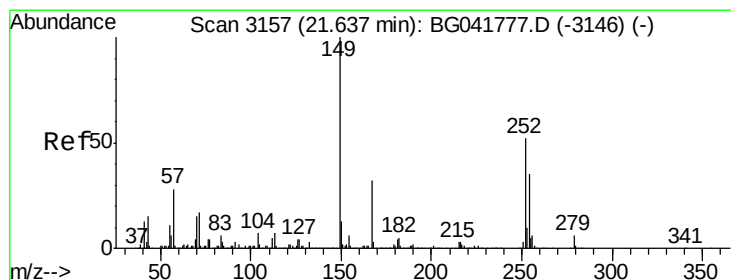
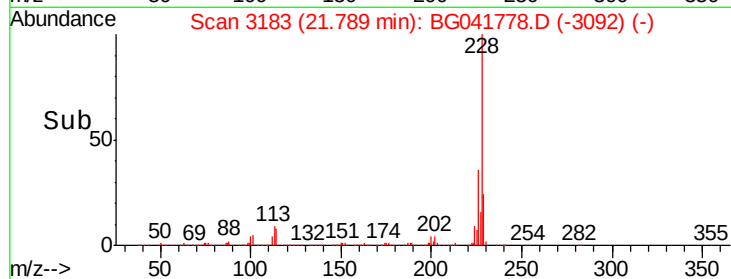
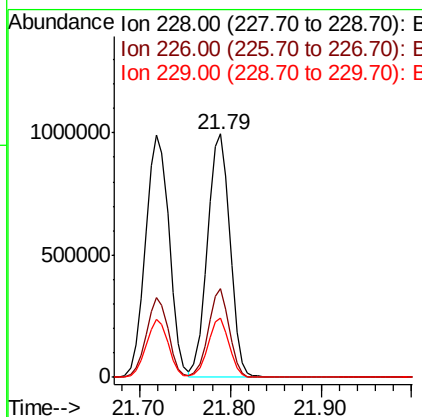
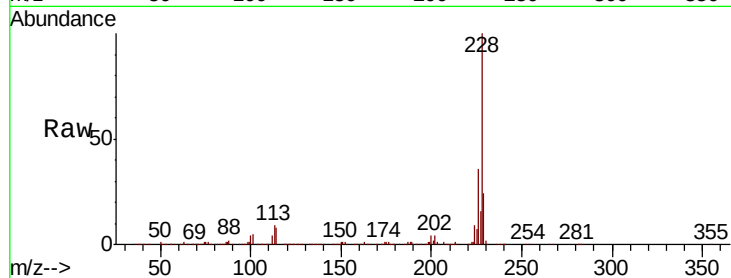
#83
 Chrysene
 Concen: 44.570 ng
 RT: 21.79 min Scan# 3183
 Delta R.T. 0.01 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC050

Tot Ion: 228 Resp: 1717782
 Ion Ratio Lower Upper
 228 100
 226 36.2 30.1 45.1
 229 24.1 19.8 29.6

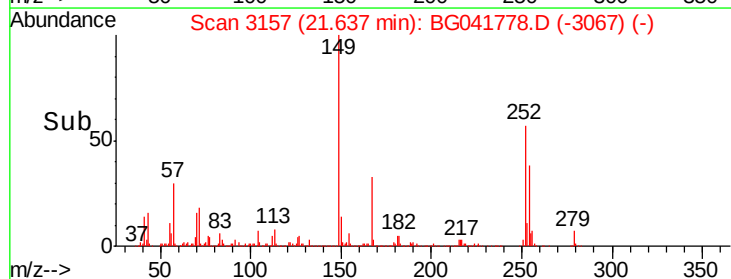
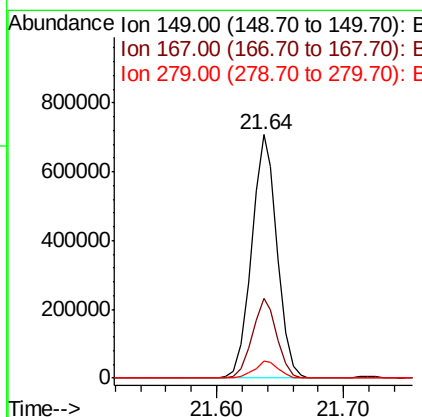
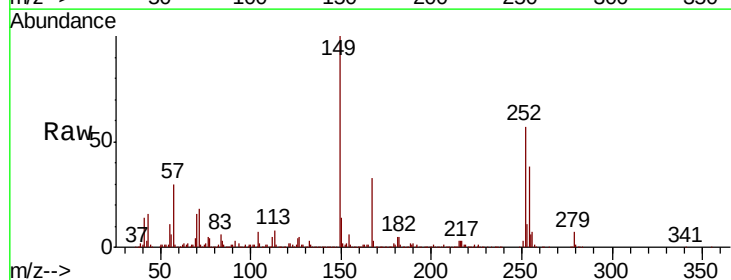
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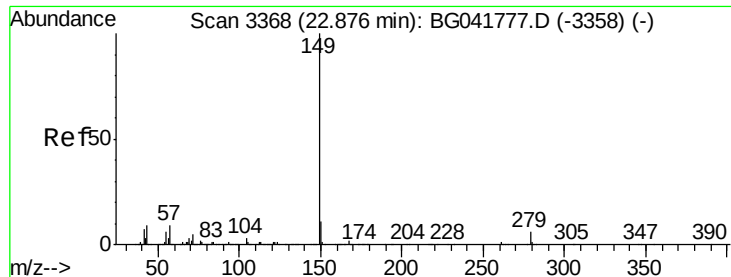
mohammad
 7/29/2019 5:30:16 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.767 ng
 RT: 21.64 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: BG041778.D
 Acq: 27 Jul 2019 15:45

Tgt Ion: 149 Resp: 985107
 Ion Ratio Lower Upper
 149 100
 167 32.9 27.0 40.4
 279 6.8 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 39.493 ng

RT: 22.88 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 1666072

Ion Ratio Lower Upper

149 100

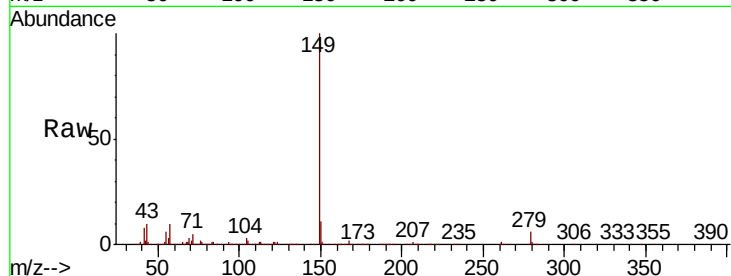
167 1.9 1.6 2.4

43 9.5 10.6 16.0#

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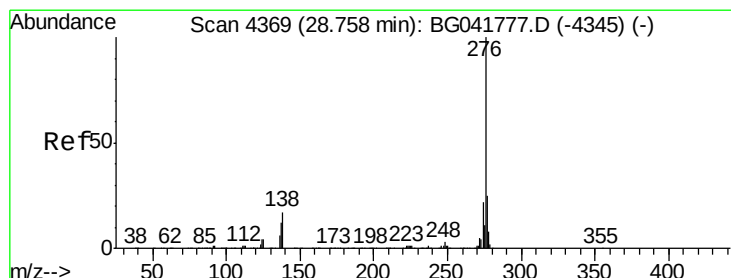
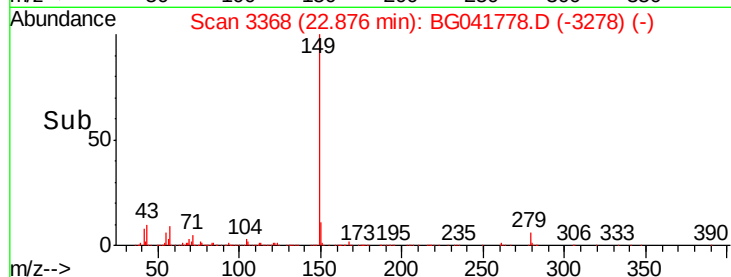
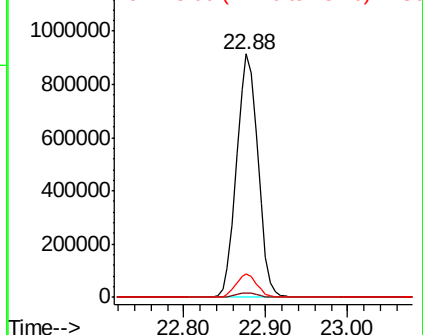
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.191 ng

RT: 28.77 min Scan# 4371

Delta R.T. 0.01 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

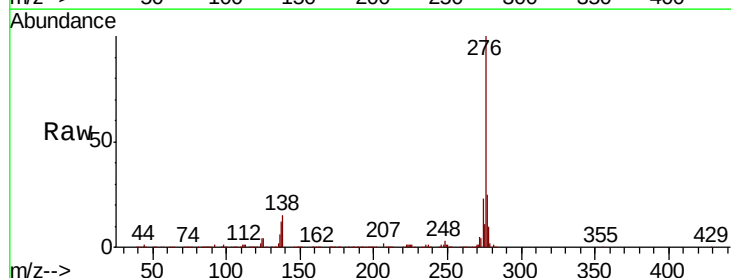
Tgt Ion:276 Resp: 2298167

Ion Ratio Lower Upper

276 100

138 13.3 19.4 29.0#

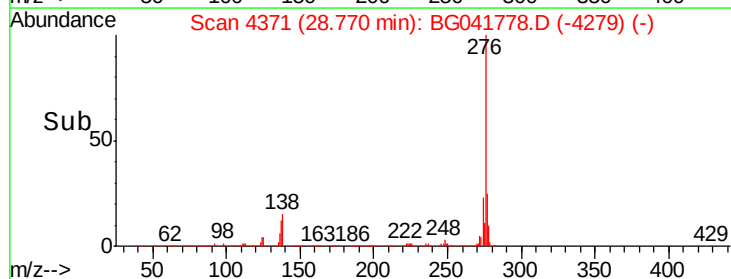
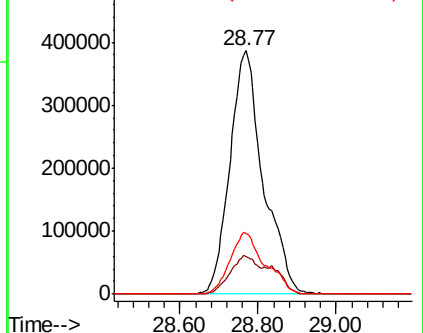
277 26.5 21.2 31.8

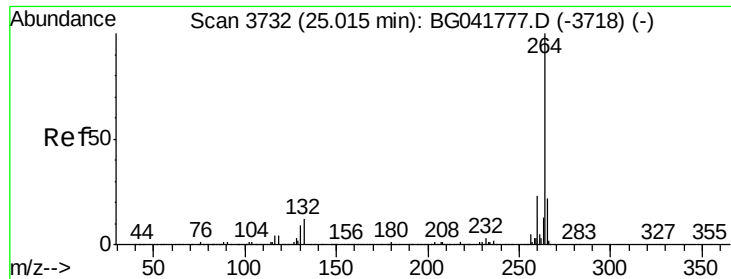


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Instrument :

BNA_G

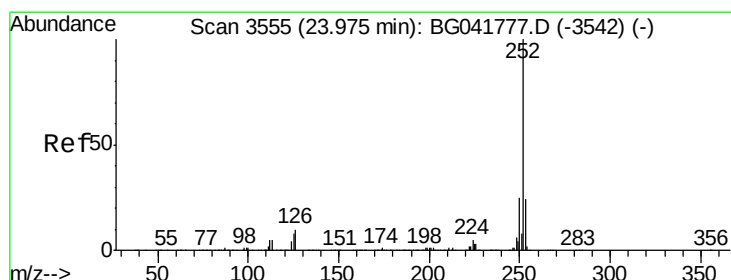
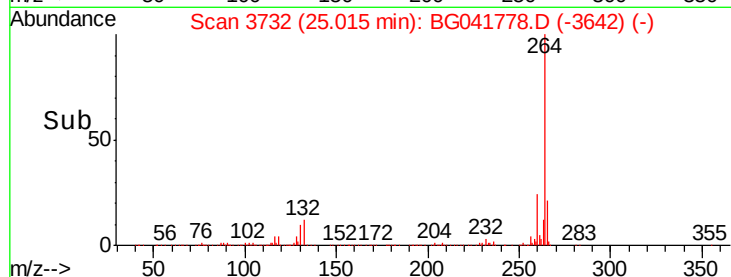
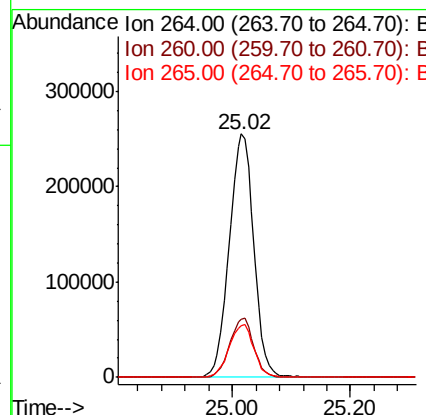
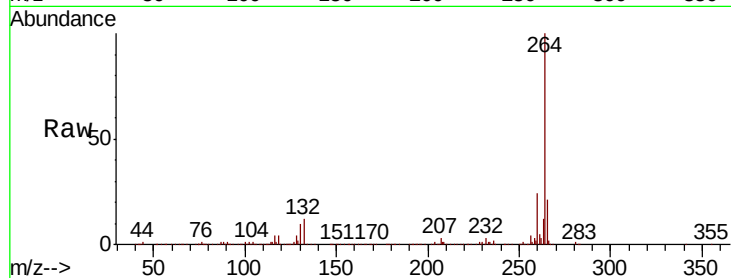
ClientSampleId :

SSTDIC050

Tot Ion:	264	Resp:	738737
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.2	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 43.951 ng

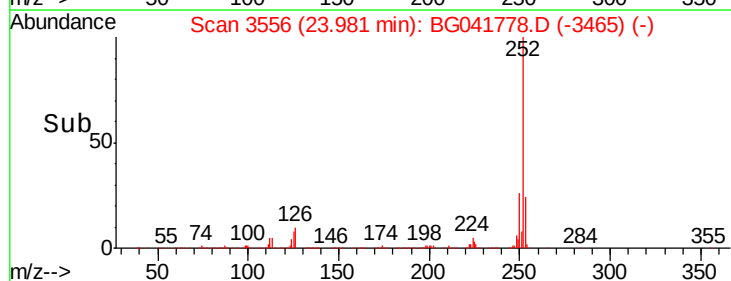
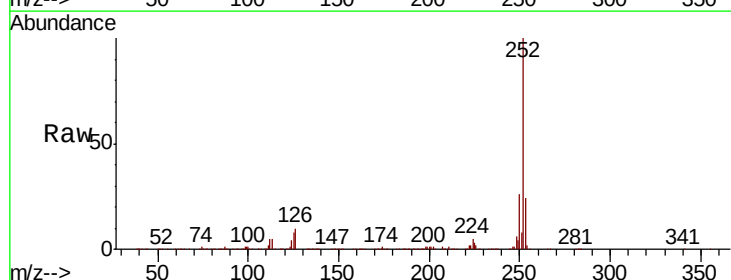
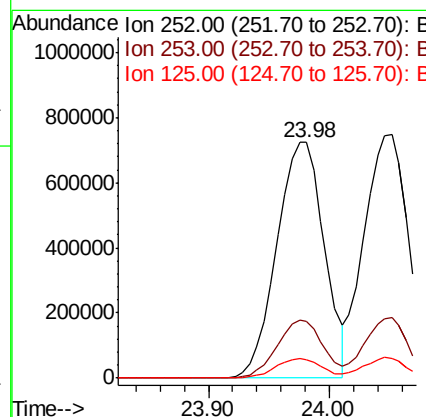
RT: 23.98 min Scan# 3556

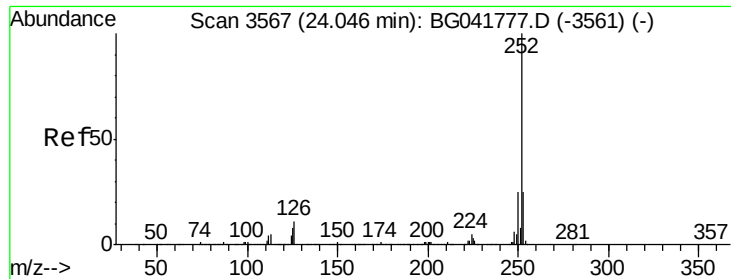
Delta R.T. 0.01 min

Lab File: BG041778.D

Acq: 27 Jul 2019 15:45

Tgt Ion:	252	Resp:	1969454
Ion Ratio		Lower	Upper
252	100		
253	24.3	20.6	30.8
125	7.7	8.0	12.0#





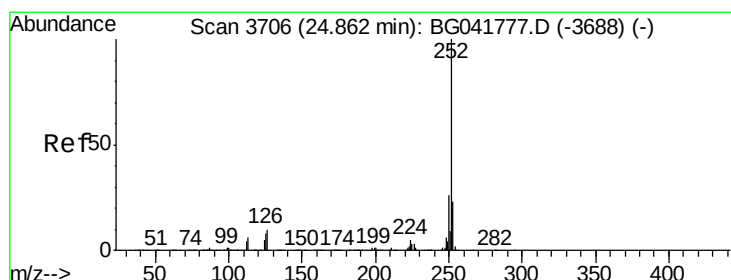
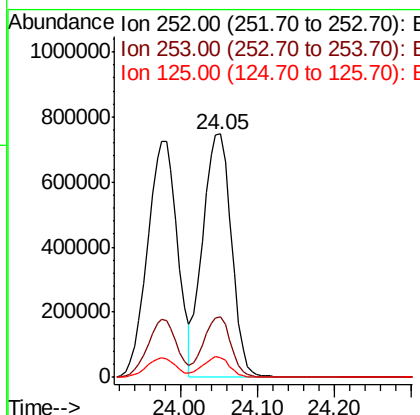
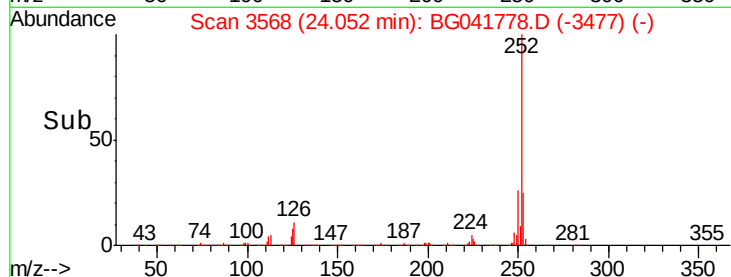
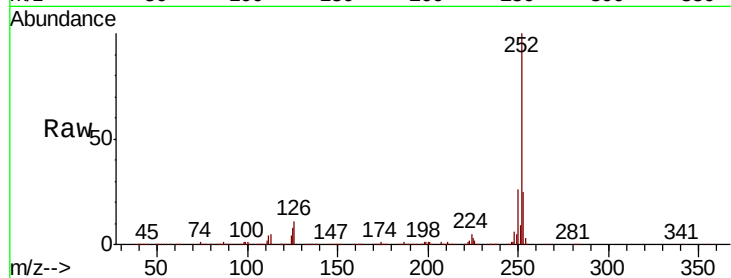
#89
Benzo(k)fluoranthene
Concen: 46.253 ng
RT: 24.05 min Scan# 3568
Delta R.T. 0.01 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.5	30.7
125	8.0	8.4	12.6

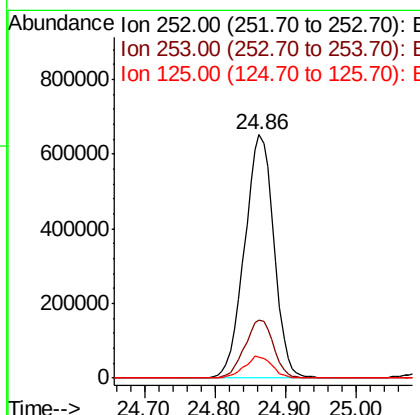
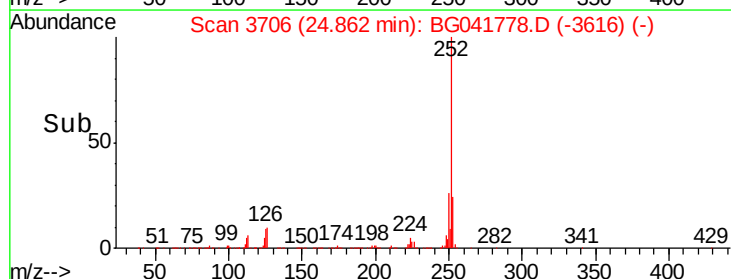
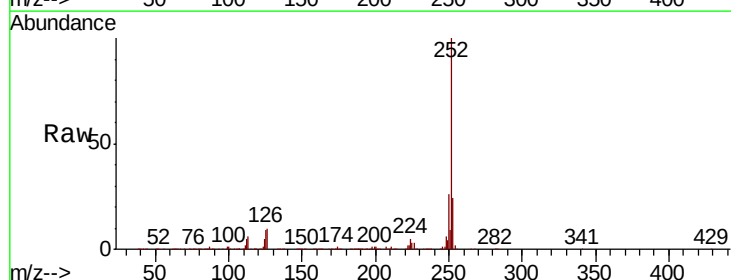
Manual Integrations
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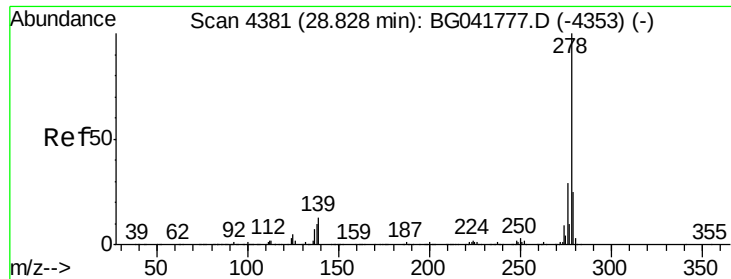
mohammad
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#90
Benzo(a)pyrene
Concen: 44.538 ng
RT: 24.86 min Scan# 3706
Delta R.T. 0.00 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.8	29.8
125	8.5	8.8	13.2





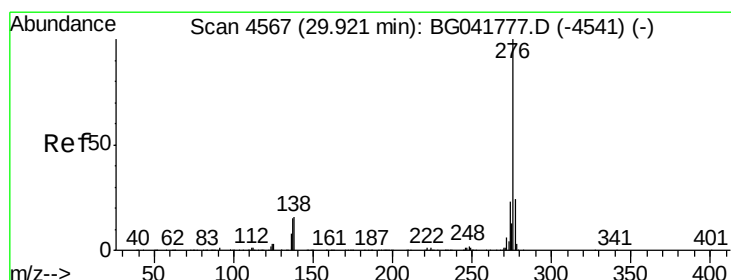
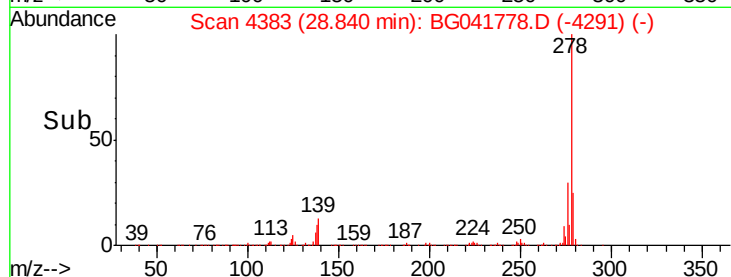
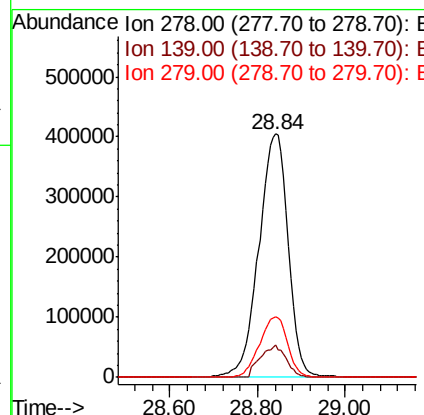
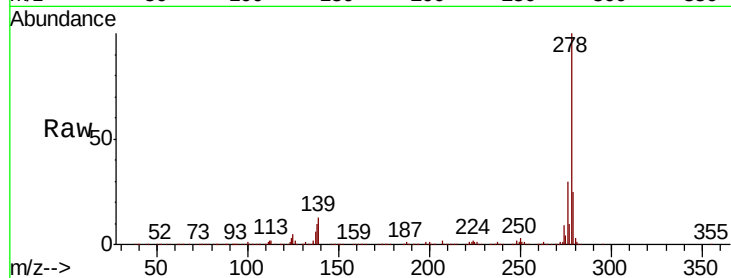
#91
Dibenzo(a,h)anthracene
Concen: 45.245 ng
RT: 28.84 min Scan# 4383
Delta R.T. 0.01 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Instrument :
BNA_G
ClientSampled :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	12.6	19.0
279	24.7	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/29/2019 5:30:16 PM



#92
Benzo(g,h,i)perylene
Concen: 44.984 ng
RT: 29.93 min Scan# 4569
Delta R.T. 0.01 min
Lab File: BG041778.D
Acq: 27 Jul 2019 15:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.8	29.8
138	17.3	16.6	25.0

