

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041735.D
 Acq On : 19 Jul 2019 15:03
 Operator : HP/JU
 Sample : K3897-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Manual Integrations
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mohammad
 7/22/2019 10:00:54 AM

Quant Time: Jul 22 08:35:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	105270	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	419741	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	268750	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	659134	20.00	ng	0.00
76) Chrysene-d12	21.65	240	678377	20.00	ng	-0.01
87) Perylene-d12	24.84	264	810448	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	614512	95.43	ng	0.00
7) Phenol-d6	7.20	99	836827	96.62	ng	0.00
23) Nitrobenzene-d5	9.20	82	495288	71.76	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	346849	114.52	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1119541	64.51	ng	0.00
79) Terphenyl-d14	20.00	244	1830435	63.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	75947	24.832	ng	92
3) Pyridine	3.89	79	152023	18.621	ng	96
4) n-Nitrosodimethylamine	3.80	42	102348	27.147	ng	88
6) Aniline	7.36	93	279067	23.973	ng	96
8) 2-Chlorophenol	7.61	128	226249	31.035	ng	100
9) Benzaldehyde	7.18	77	114856	18.694	ng	95
10) Phenol	7.22	94	289242	31.696	ng	99
11) bis(2-Chloroethyl)ether	7.46	93	212634	28.851	ng	96
12) 1,3-Dichlorobenzene	7.93	146	249690	28.705	ng	99
13) 1,4-Dichlorobenzene	8.08	146	255142	29.289	ng	95
14) 1,2-Dichlorobenzene	8.40	146	243540	29.652	ng	95
15) Benzyl Alcohol	8.28	79	200818	29.123	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	398812	26.115	ng	100
17) 2-Methylphenol	8.48	107	196814	31.187	ng	96
18) Hexachloroethane	9.13	117	90773	28.449	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	175186	27.672	ng	96
20) 3+4-Methylphenols	8.80	107	270856	31.320	ng	99
22) Acetophenone	8.86	105	329158	32.198	ng	# 94
24) Nitrobenzene	9.24	77	247429	32.863	ng	99
25) Isophorone	9.77	82	467449	30.930	ng	100
26) 2-Nitrophenol	9.96	139	129673	38.557	ng	97
27) 2,4-Dimethylphenol	10.01	122	233672	39.077	ng	97
28) bis(2-Chloroethoxy)methane	10.25	93	289454	31.075	ng	99
29) 2,4-Dichlorophenol	10.49	162	244973	35.932	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	258158	32.249	ng	97
31) Naphthalene	10.90	128	676678	32.746	ng	98
32) Benzoic acid	10.12	122	3948m	6.773	ng	
33) 4-Chloroaniline	11.00	127	246496	25.860	ng	97
34) Hexachlorobutadiene	11.20	225	161194	31.330	ng	99
35) Caprolactam	11.76	113	87653	34.978	ng	# 87
36) 4-Chloro-3-methylphenol	12.11	107	250289	35.043	ng	99
37) 2-Methylnaphthalene	12.50	142	520914	32.995	ng	99
38) 1-Methylnaphthalene	12.72	142	491027	32.623	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	300155	32.605	ng	99

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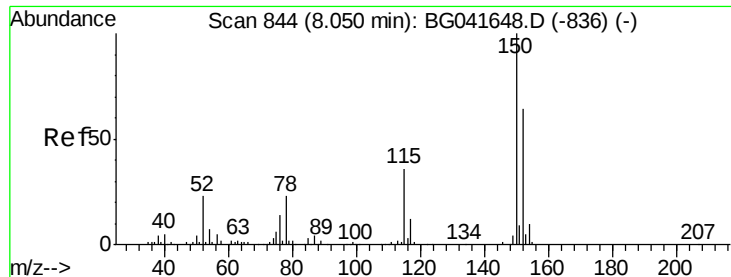
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	380719	73.110	ng	99
43) 2,4,6-Trichlorophenol	13.10	196	214183	35.808	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	230651	36.599	ng	99
46) 1,1'-Biphenyl	13.50	154	649769	32.272	ng	97
47) 2-Chloronaphthalene	13.55	162	527609	31.442	ng	97
48) 2-Nitroaniline	13.73	65	163014	33.366	ng	95
49) Acenaphthylene	14.39	152	850856	32.481	ng	97
50) Dimethylphthalate	14.12	163	903118	42.787	ng	99
51) 2,6-Dinitrotoluene	14.23	165	159966	35.730	ng	94
52) Acenaphthene	14.73	154	514809	31.185	ng	99
53) 3-Nitroaniline	14.55	138	143693	29.401	ng	94
54) 2,4-Dinitrophenol	14.76	184	46891	26.450	ng	95
55) Dibenzofuran	15.06	168	827699	33.413	ng	95
56) 4-Nitrophenol	14.86	139	292352	73.885	ng	96
57) 2,4-Dinitrotoluene	15.01	165	224090	37.865	ng	97
58) Fluorene	15.71	166	668086	33.145	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	220812	37.953	ng	98
60) Diethylphthalate	15.47	149	682919	32.116	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	369027	32.388	ng	98
62) 4-Nitroaniline	15.71	138	182436	35.197	ng	96
63) Azobenzene	15.99	77	600324	31.227	ng	97
65) 4,6-Dinitro-2-methylphenol	15.77	198	92670	32.172	ng	93
66) n-Nitrosodiphenylamine	15.91	169	625956	32.338	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	252085	32.142	ng	99
68) Hexachlorobenzene	16.71	284	253729	32.127	ng	96
69) Atrazine	16.85	200	247604	35.249	ng	99
70) Pentachlorophenol	17.05	266	316081	64.009	ng	100
71) Phenanthrene	17.44	178	1103042	33.230	ng	96
72) Anthracene	17.53	178	1127454	34.075	ng	95
73) Carbazole	17.79	167	1049730	34.208	ng	97
74) Di-n-butylphthalate	18.36	149	1198601	32.025	ng	96
75) Fluoranthene	19.44	202	1371930	33.659	ng	93
77) Benzidine	19.62	184	522633	18.850	ng	97
78) Pyrene	19.80	202	1377037	30.013	ng	94
80) Butylbenzylphthalate	20.69	149	591681	31.034	ng	93
81) Benzo(a)anthracene	21.63	228	1386895	31.642	ng	95
82) 3,3'-Dichlorobenzidine	21.54	252	486445	28.204	ng	97
83) Chrysene	21.69	228	1343512	32.079	ng	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	841835	31.273	ng	97
85) Di-n-octyl phthalate	22.76	149	1477661	32.234	ng	95
86) Indeno(1,2,3-cd)pyrene	28.48	276	1796036	32.501	ng	# 91
88) Benzo(b)fluoranthene	23.83	252	1544808	31.424	ng	96
89) Benzo(k)fluoranthene	23.90	252	1504098	33.019	ng	97
90) Benzo(a)pyrene	24.69	252	1533295	32.966	ng	97
91) Dibenzo(a,h)anthracene	28.55	278	1474980	32.707	ng	99
92) Benzo(g,h,i)perylene	29.63	276	1487645	32.917	ng	98

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



#1

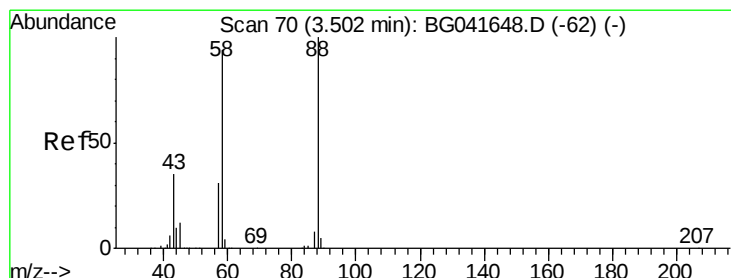
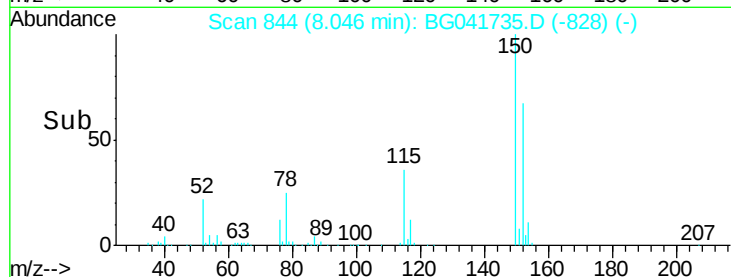
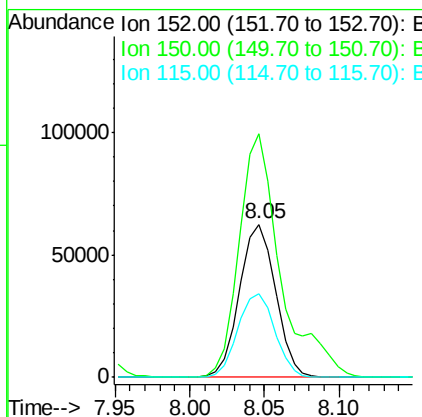
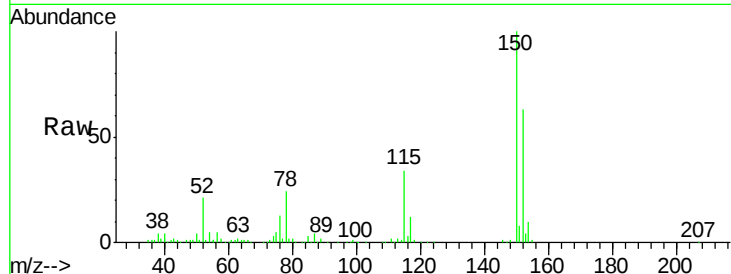
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.9	190.3
115	54.2	45.0	67.6

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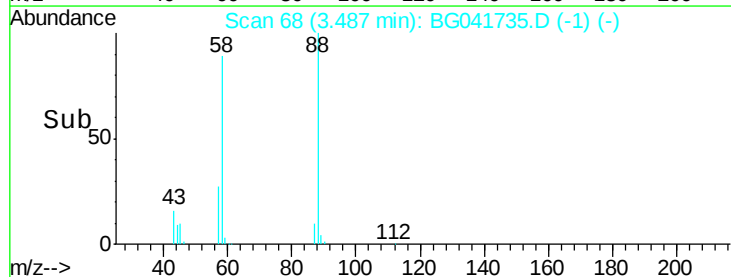
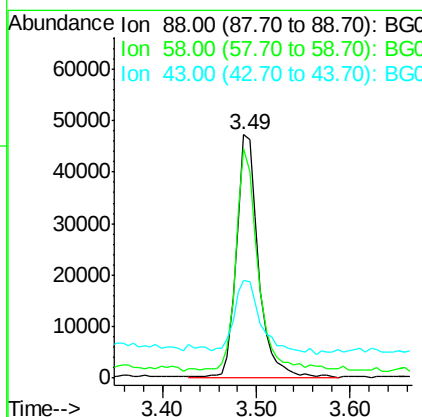
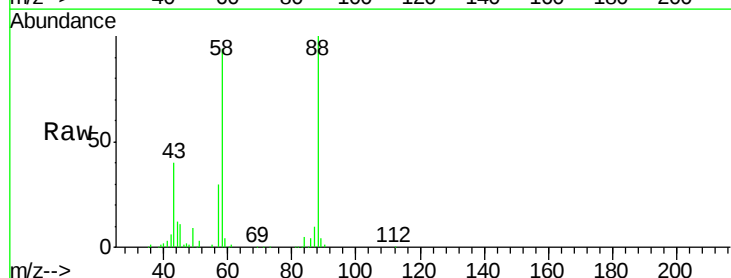
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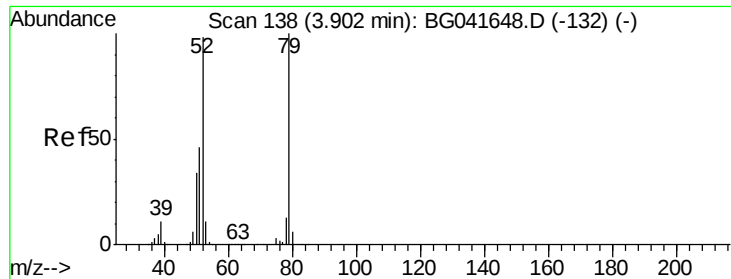


#2

1,4-Dioxane
Concen: 24.832 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	76.2	114.2
43	39.6	27.2	40.8





#3

Pvridine

Concen: 18.621 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

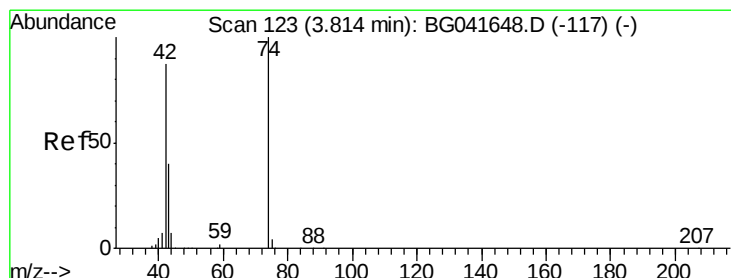
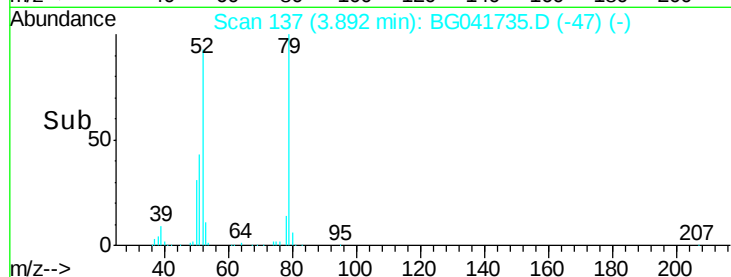
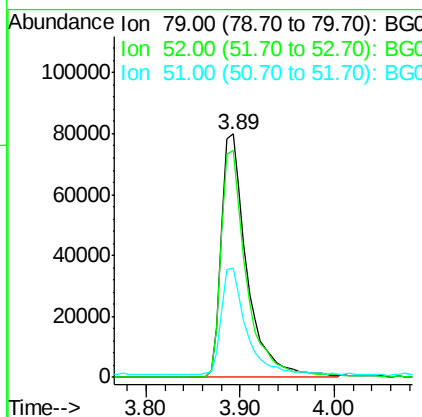
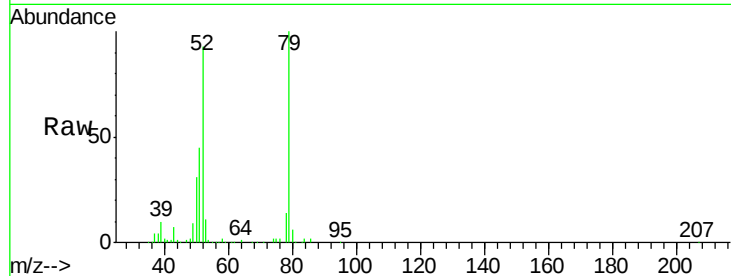
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	79	Resp:	152023
Ion	Ratio	Lower	Upper
79	100		
52	93.0	77.1	115.7
51	44.8	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 27.147 ng

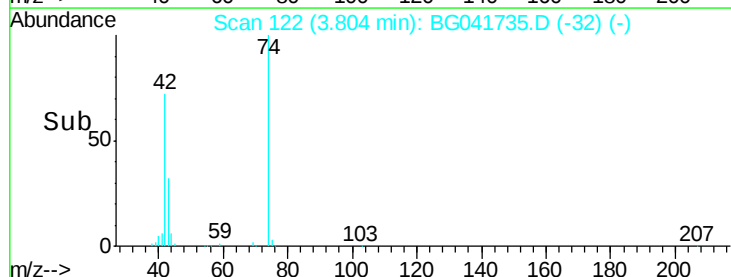
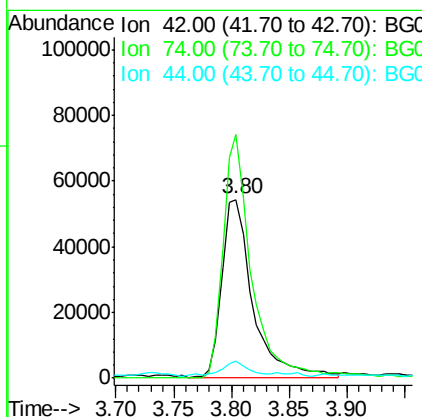
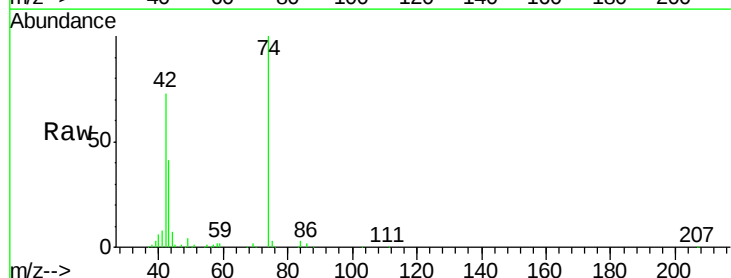
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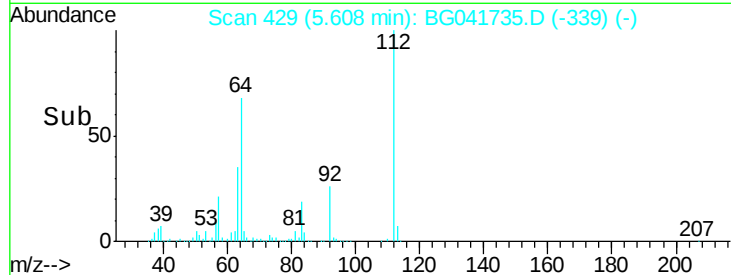
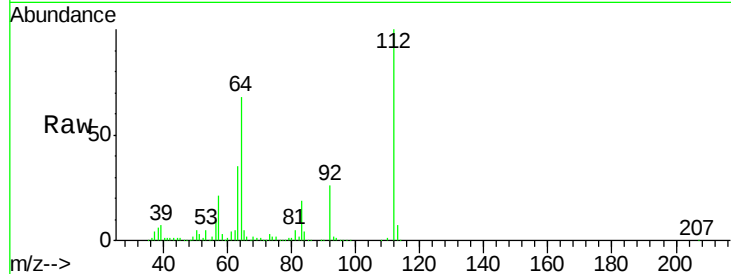
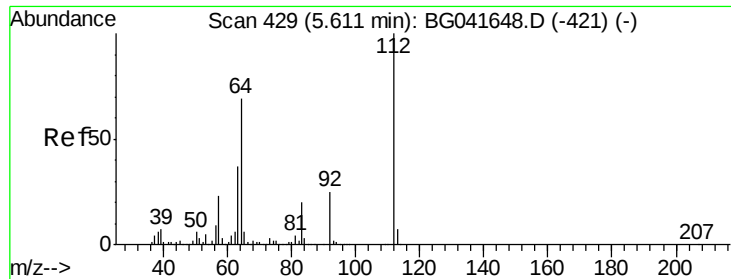
Delta R.T. -0.00 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion:	42	Resp:	102348
Ion	Ratio	Lower	Upper
42	100		
74	136.1	97.4	146.2
44	9.6	6.6	9.8





#5

2-Fluorophenol

Concen: 95.428 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		614512		
64	67.6	55.4	83.2		
63	35.4	29.1	43.7		

Instrument :

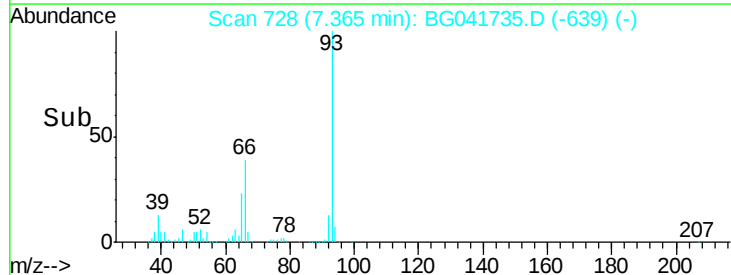
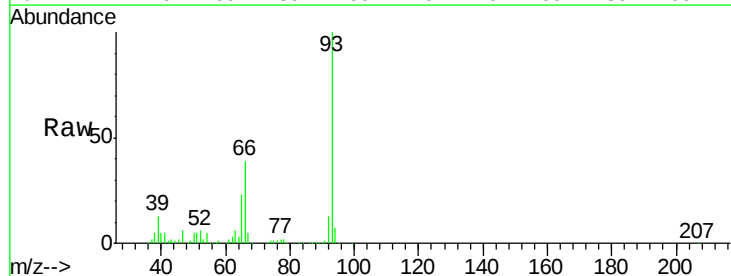
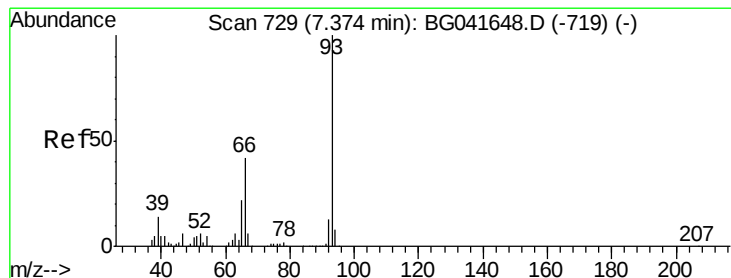
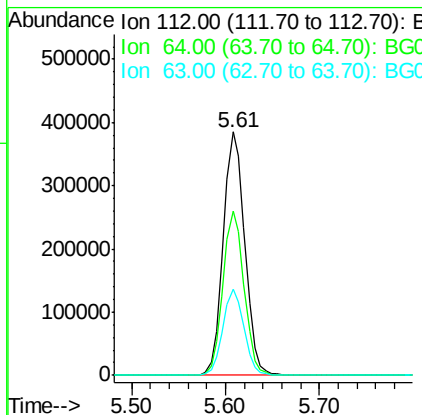
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FK-BPM-01-F03-G03-F03A-G03AMS

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#6

Aniline

Concen: 23.973 ng

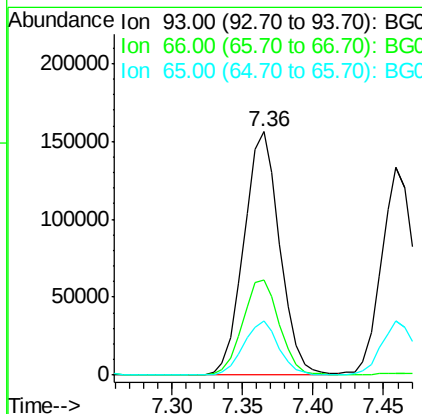
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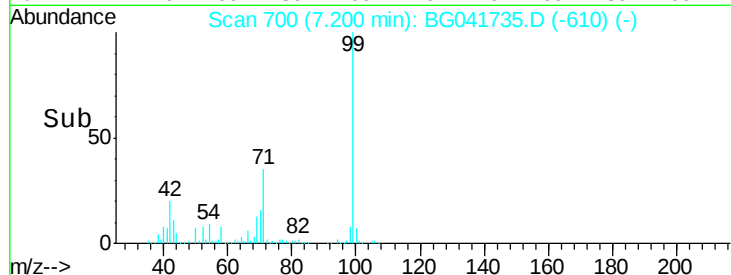
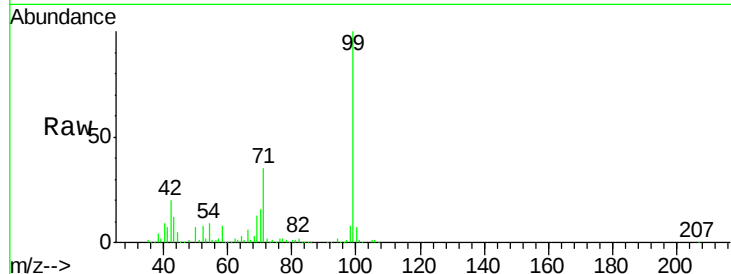
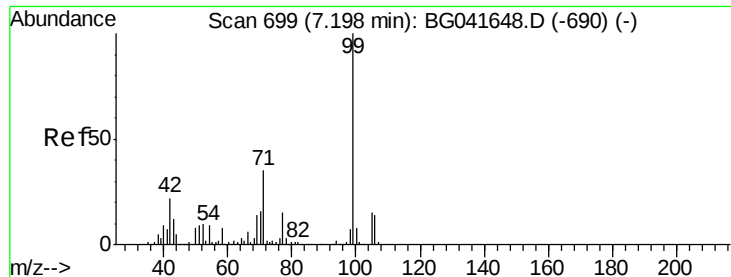
Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		279067		
66	39.3	34.2	51.2		
65	22.5	18.2	27.2		





#7

Phenol-d6

Concen: 96.615 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tot Ion:	99	Resp:	836827
Ion Ratio	Lower	Upper	
99	100		
42	20.1	17.6	26.4
71	35.2	27.8	41.6

Instrument :

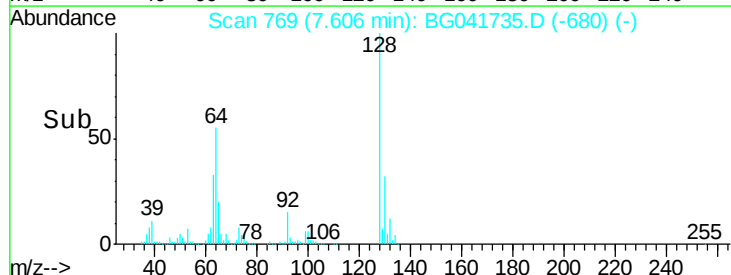
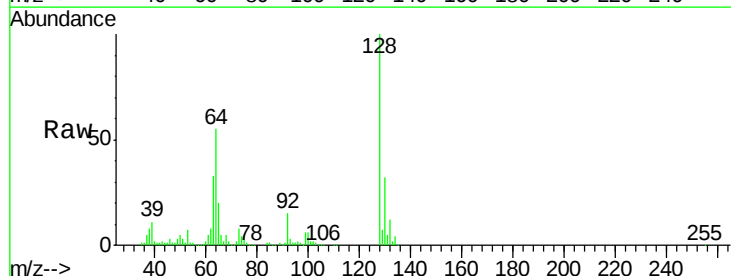
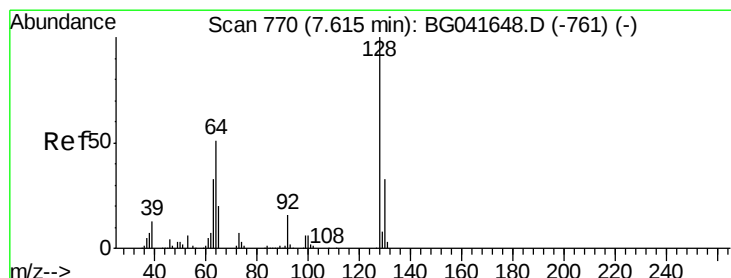
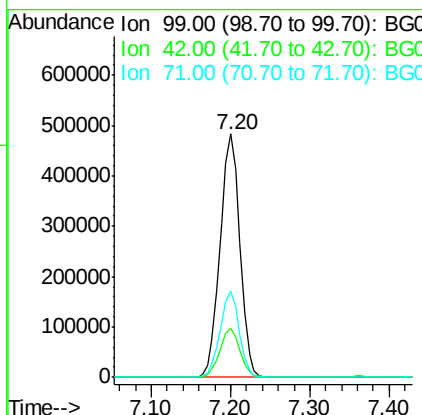
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#8

2-Chlorophenol

Concen: 31.035 ng

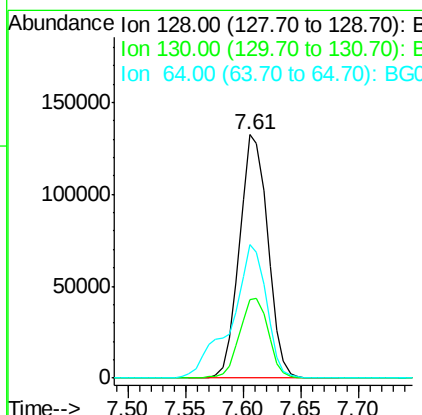
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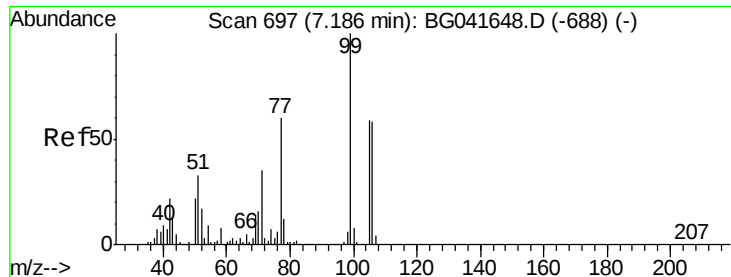
Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion:	128	Resp:	226249
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.4	52.4
64	54.6	34.9	74.9





#9

Benzaldehyde

Concen: 18.694 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

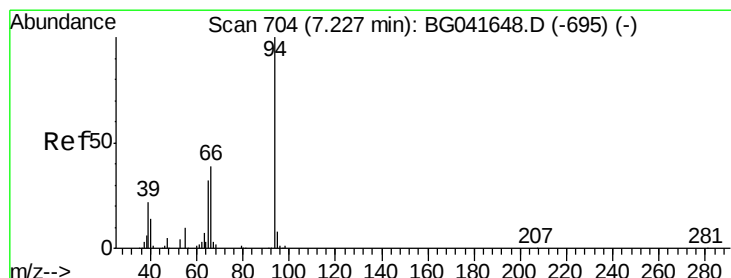
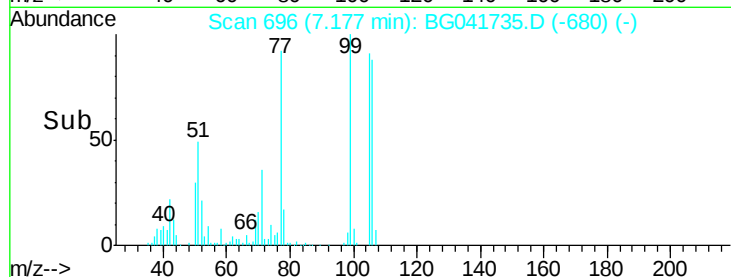
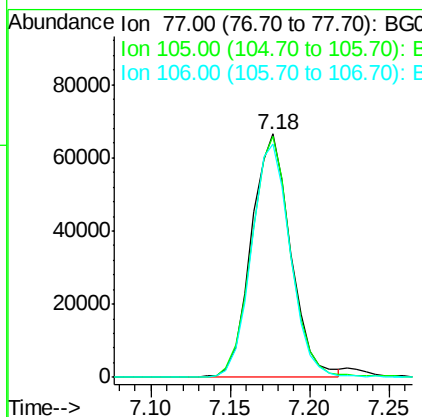
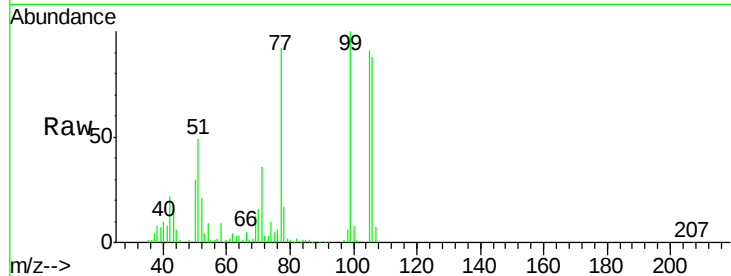
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	77	Resp:	114856
Ion	Ratio	Lower	Upper
77	100		
105	99.2	74.6	114.6
106	96.0	71.1	111.1

Manual Integrations
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#10

Phenol

Concen: 31.696 ng

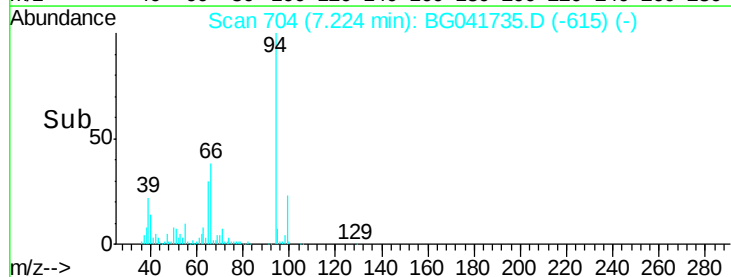
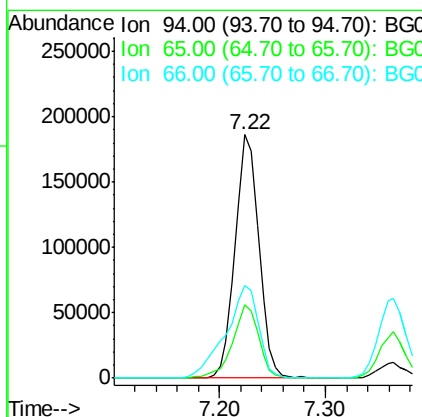
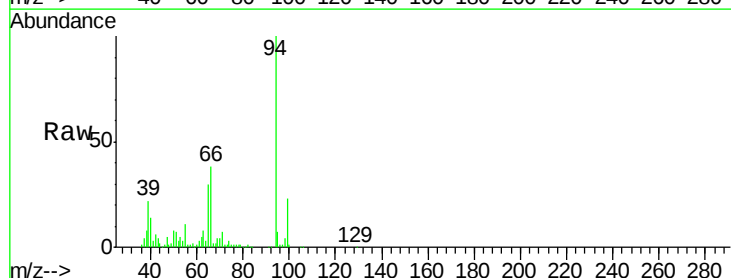
RT: 7.22 min Scan# 704

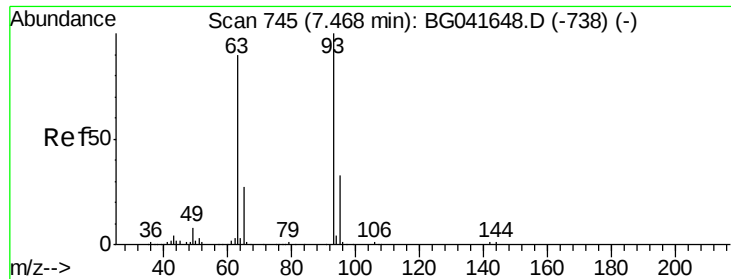
Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion:	94	Resp:	289242
Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.6	50.6
66	38.2	18.2	58.2





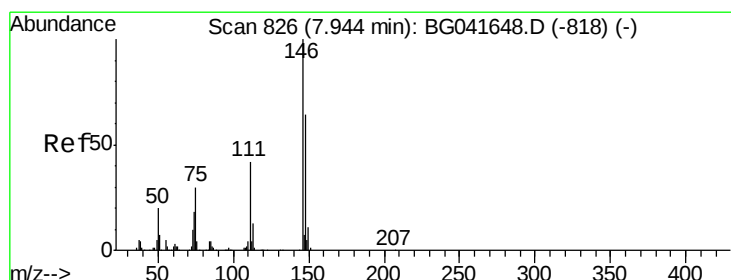
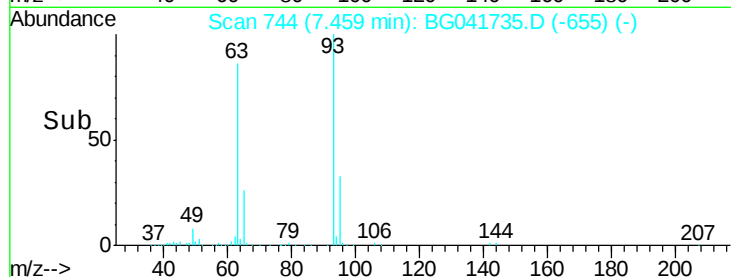
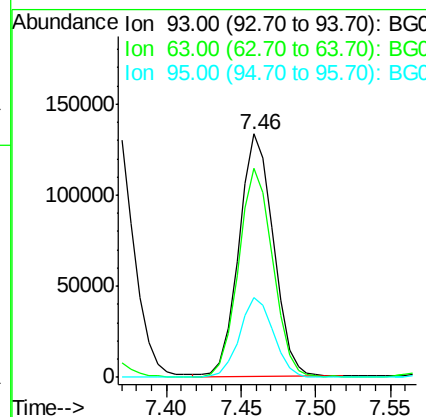
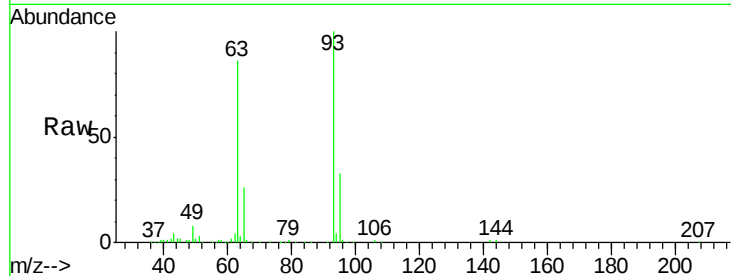
#11
bis(2-Chloroethyl)ether
Concen: 28.851 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.7	70.4	110.4
95	32.6	12.8	52.8

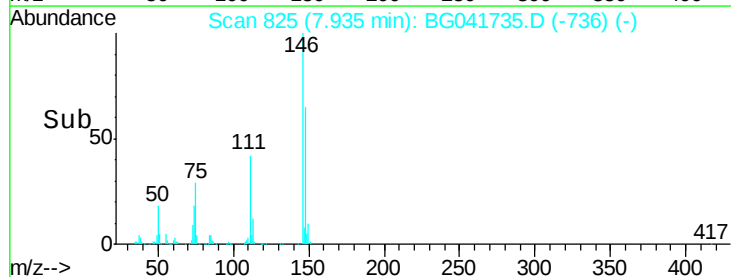
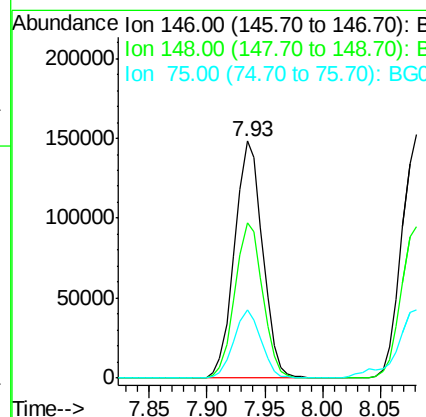
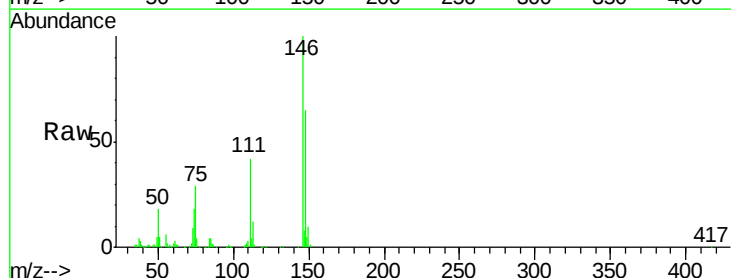
Manual Integrations
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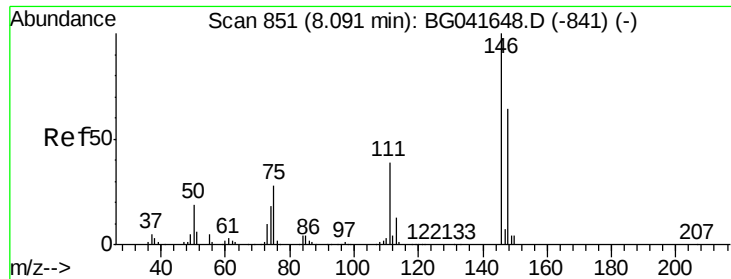
mohammad
7/22/2019 10:00:54 AM



#12
1,3-Dichlorobenzene
Concen: 28.705 ng
RT: 7.93 min Scan# 825
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.5	77.3
75	28.8	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 29.289 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

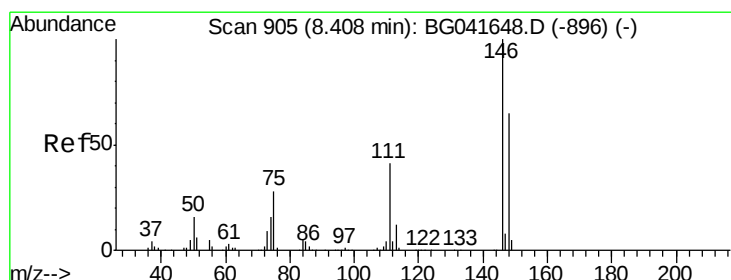
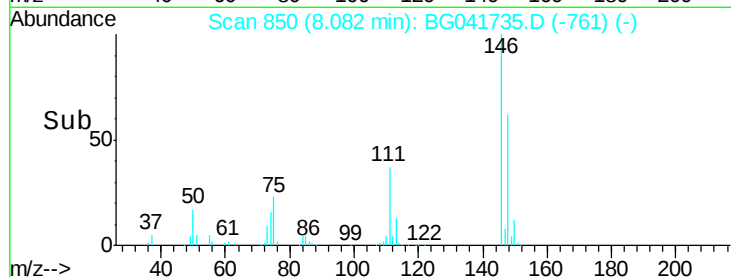
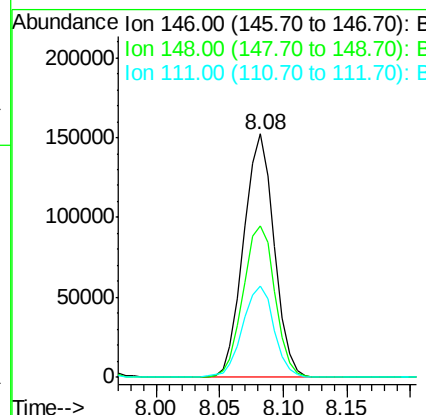
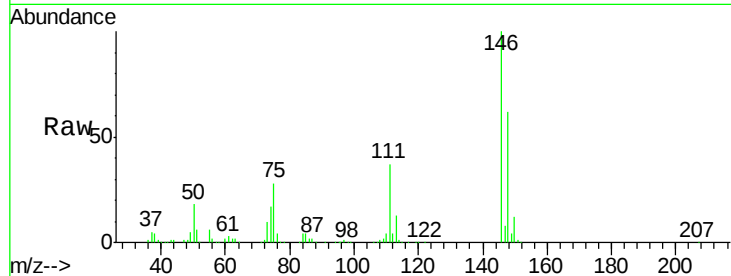
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	146	Resp:	255142
Ion Ratio	Lower	Upper	
146	100		
148	62.2	52.6	79.0
111	37.4	32.5	48.7

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#14

1,2-Dichlorobenzene

Concen: 29.652 ng

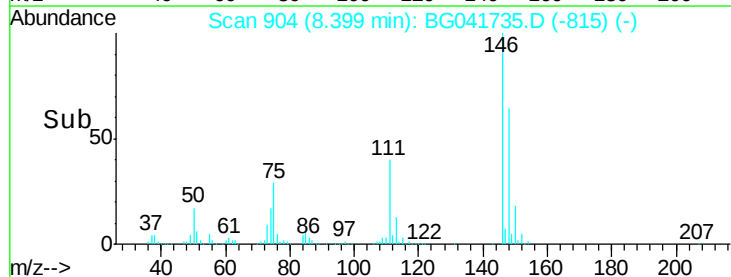
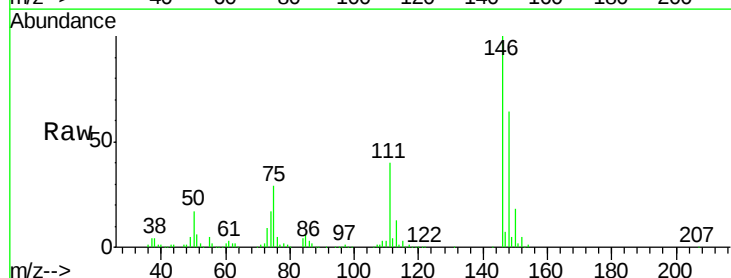
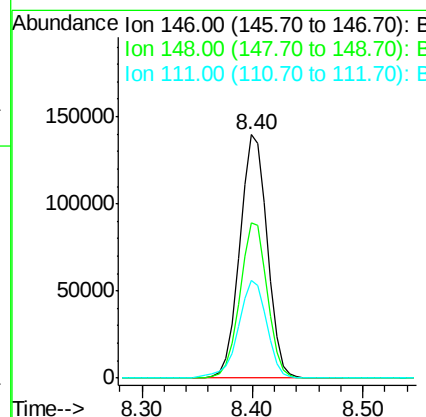
RT: 8.40 min Scan# 904

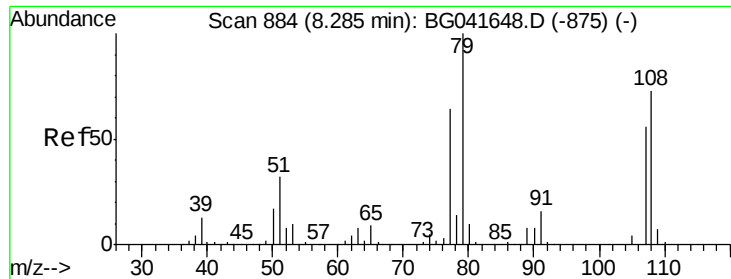
Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion:	146	Resp:	243540
Ion Ratio	Lower	Upper	
146	100		
148	64.0	53.5	80.3
111	40.1	35.4	53.0





#15

Benzyl Alcohol

Concen: 29.123 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

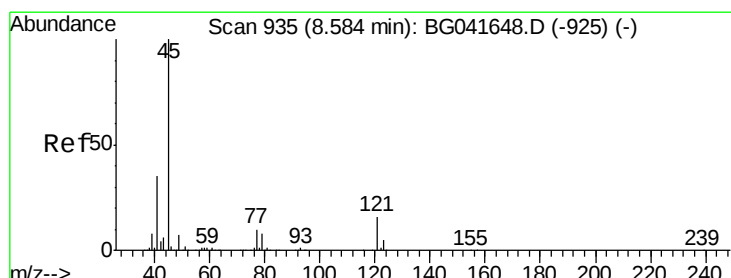
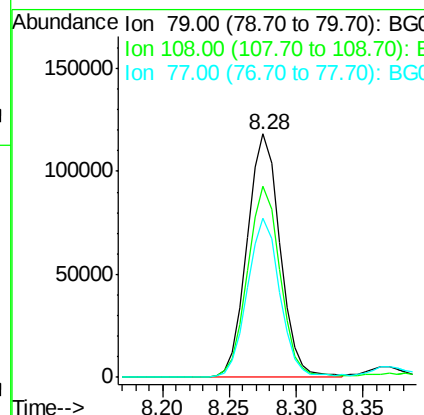
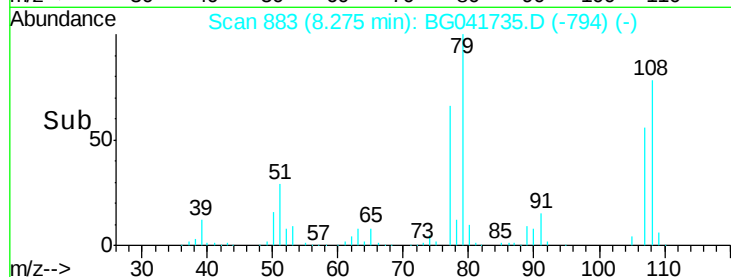
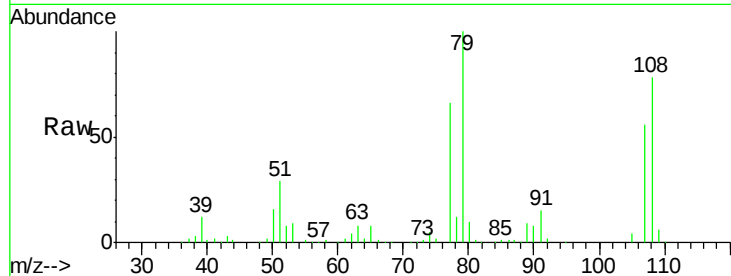
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	79	Resp:	200818
Ion Ratio	Lower	Upper	
79	100		
108	78.5	60.5	90.7
77	65.6	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 26.115 ng

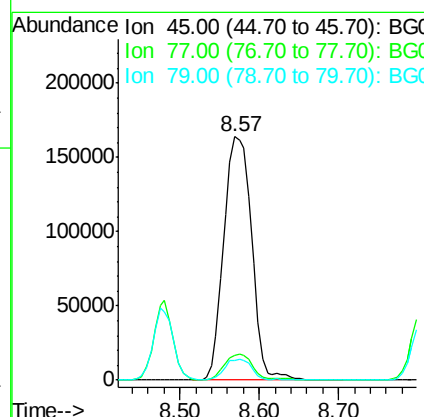
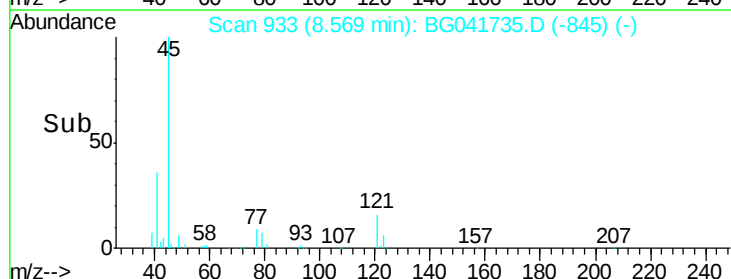
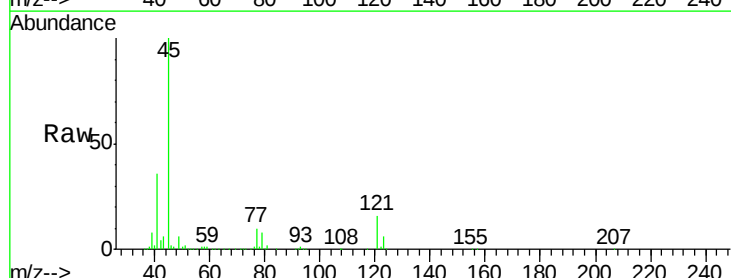
RT: 8.57 min Scan# 933

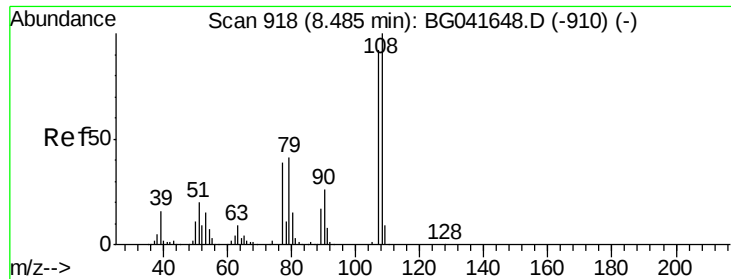
Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion:	45	Resp:	398812
Ion Ratio	Lower	Upper	
45	100		
77	10.1	0.0	30.4
79	8.0	0.0	27.9





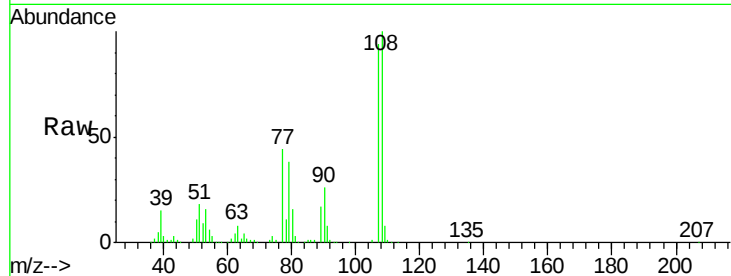
#17
2-Methylphenol
Concen: 31.187 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

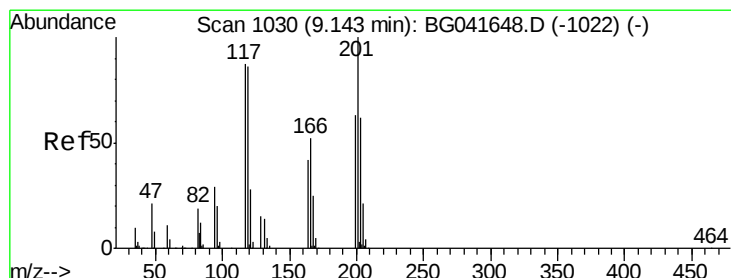
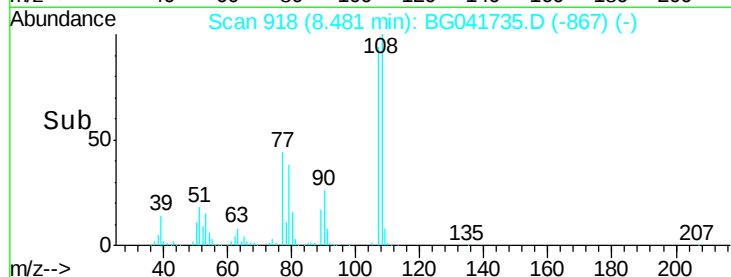
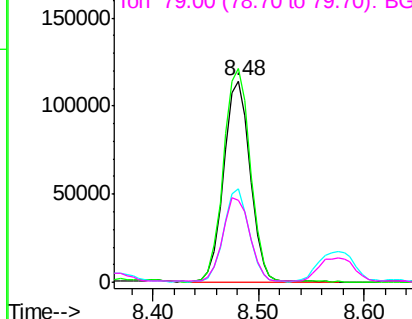
Tot Ion	107	Resp	196814
Ion Ratio	Lower	Upper	
107	100		
108	106.3	87.6	131.4
77	46.7	36.1	54.1
79	40.6	36.4	54.6

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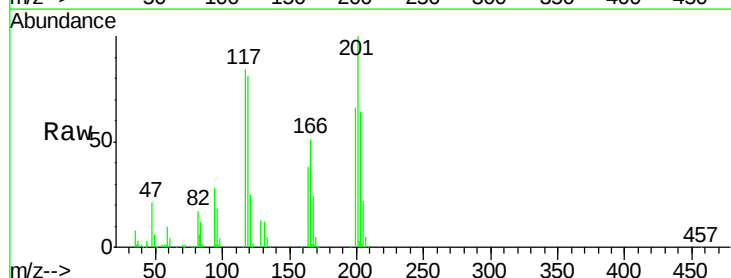


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

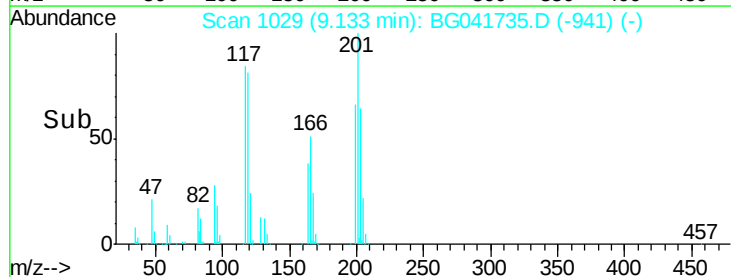
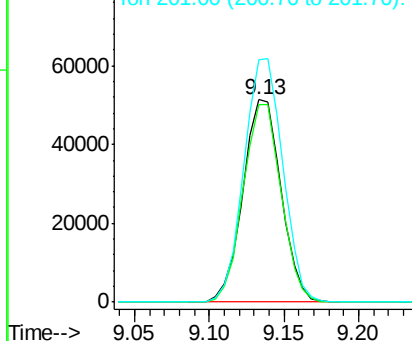


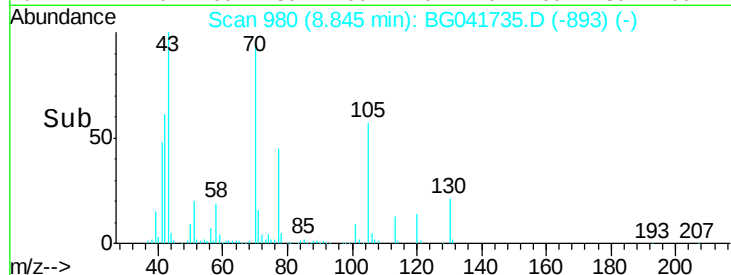
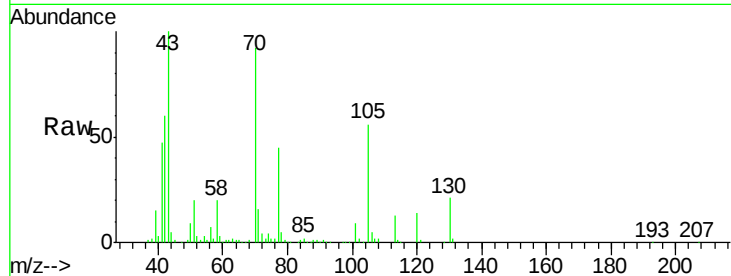
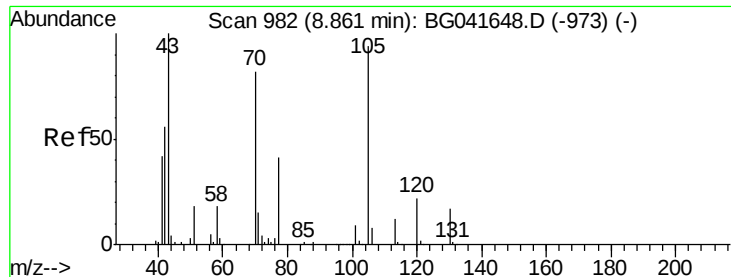
#18
Hexachloroethane
Concen: 28.449 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	117	Resp	90773
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.2	114.2
201	119.8	94.1	141.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





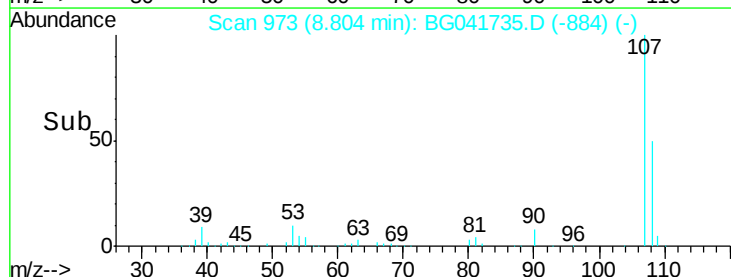
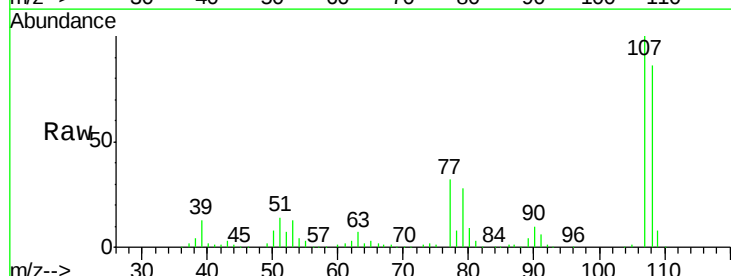
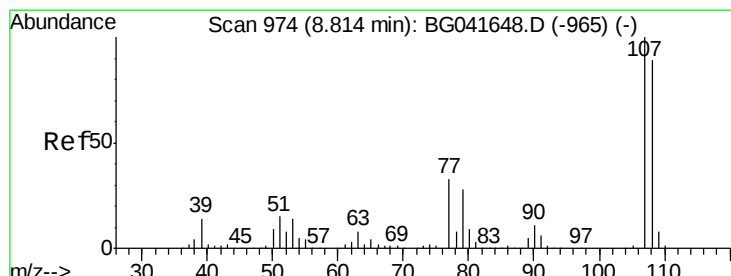
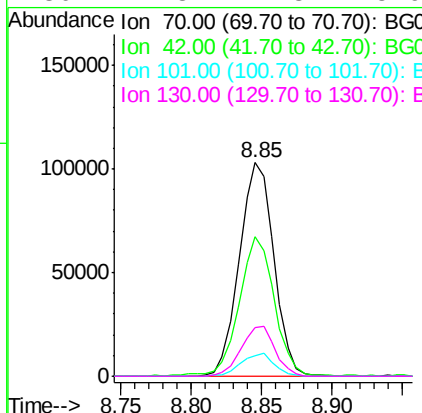
#19
n-Nitroso-di-n-propylamine
Concen: 27.672 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		175186		
42	65.1	55.8	83.6		
101	9.9	8.1	12.1		
130	22.8	17.3	25.9		

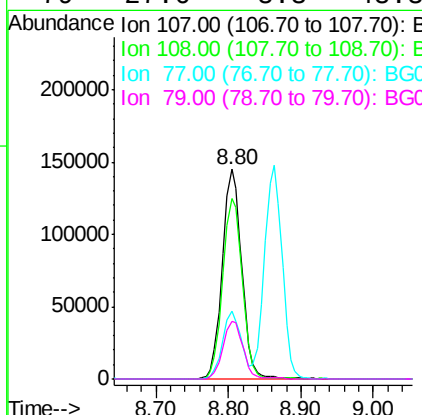
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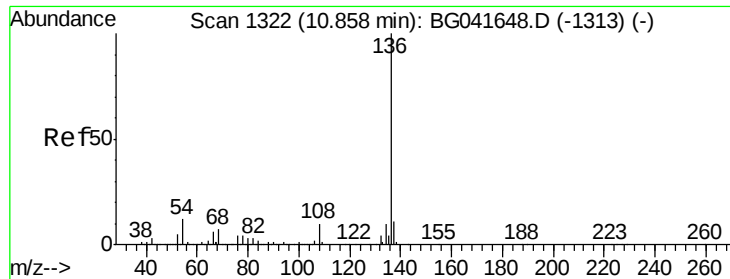
mohammad
7/22/2019 10:00:54 AM



#20
3+4-Methylphenols
Concen: 31.320 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		270856		
108	86.2	67.5	107.5		
77	32.3	12.3	52.3		
79	27.6	8.3	48.3		





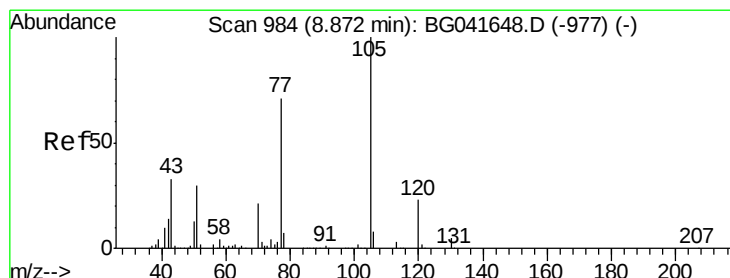
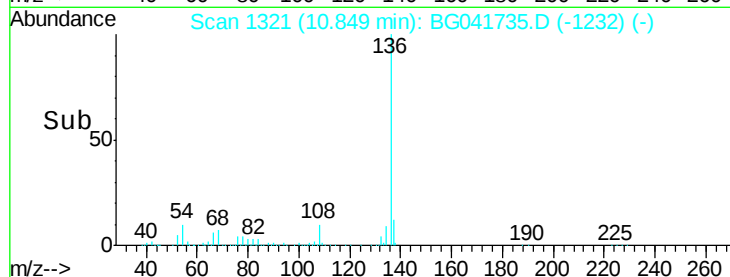
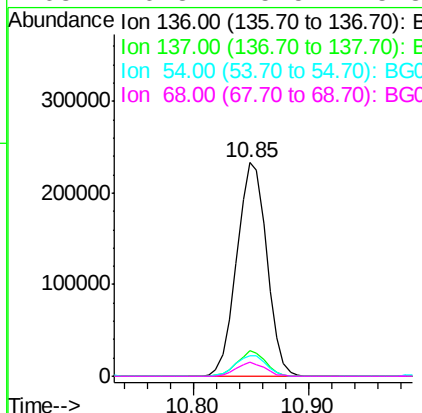
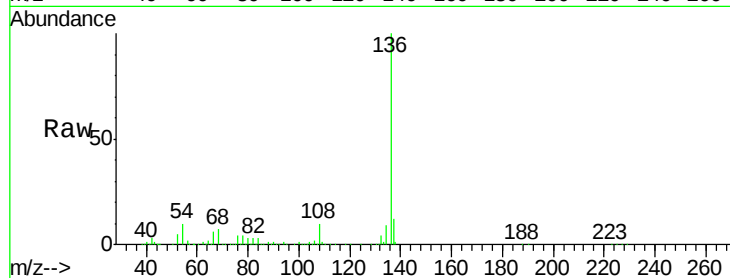
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		419741		
137	11.8		9.2	13.8	
54	9.8		8.7	13.1	
68	6.8		5.5	8.3	

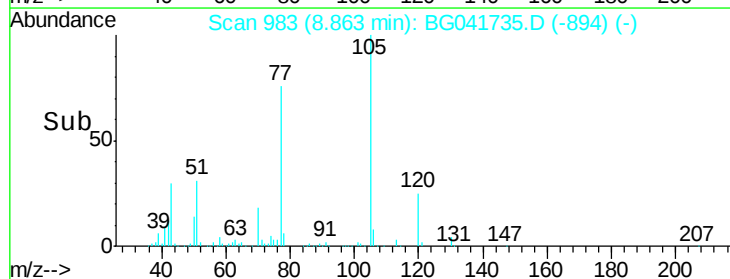
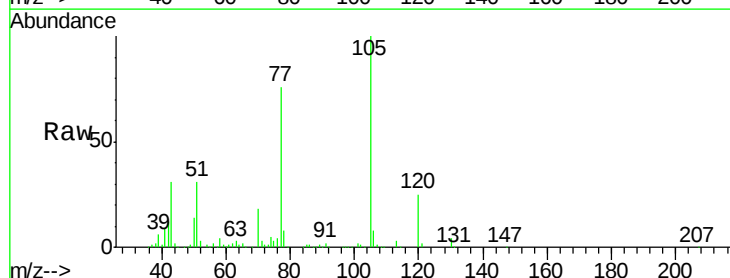
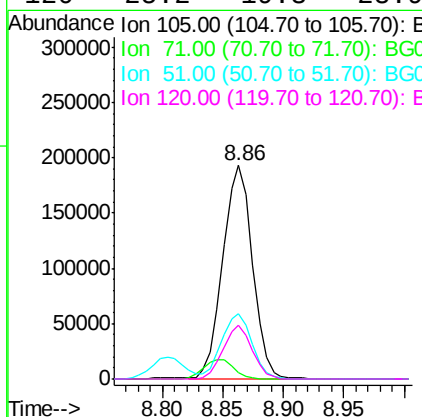
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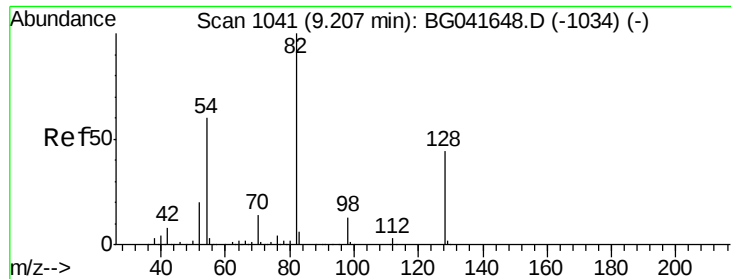
mohammad
7/22/2019 10:00:54 AM



#22
Acetophenone
Concen: 32.198 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		329158		
71	3.2		5.9	8.9#	
51	30.8		27.7	41.5	
120	25.2		19.3	28.9	





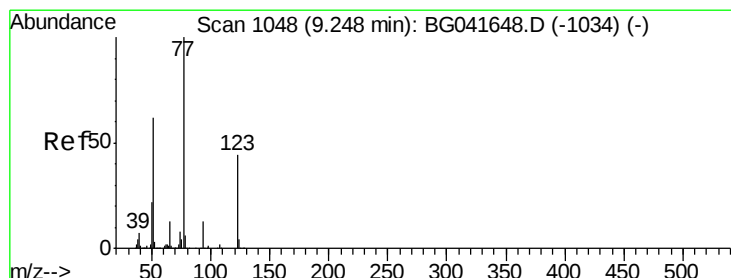
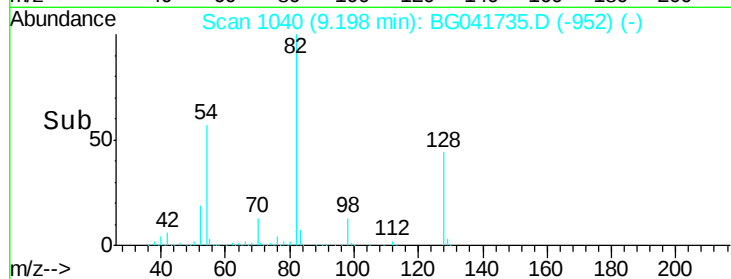
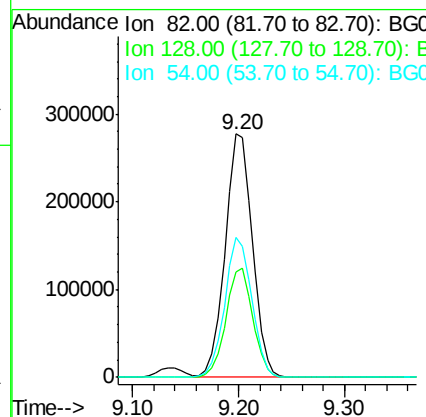
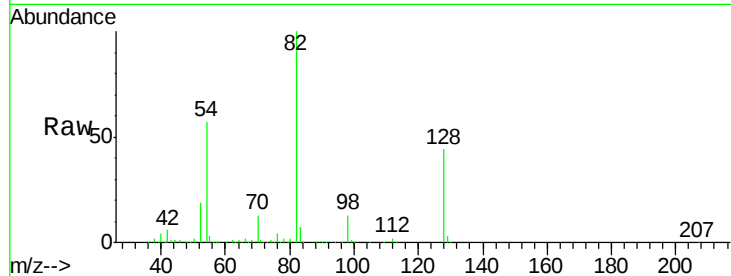
#23
 Nitrobenzene-d5
 Concen: 71.761 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	495288		
128	43.5	35.1	52.7	
54	57.3	48.7	73.1	

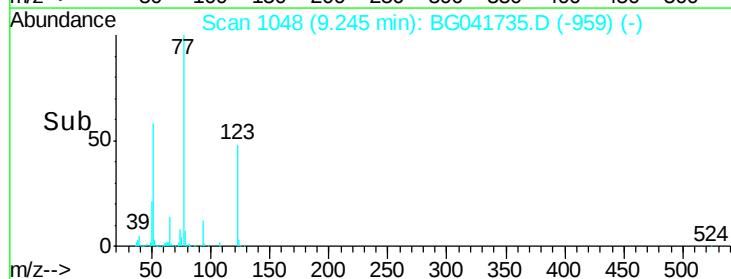
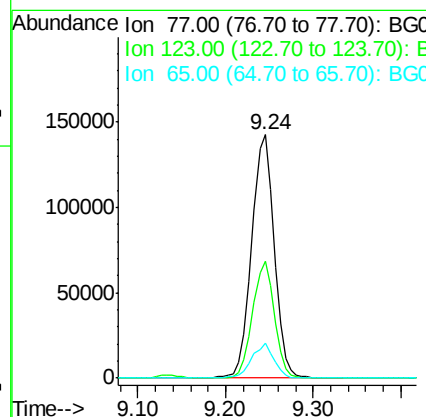
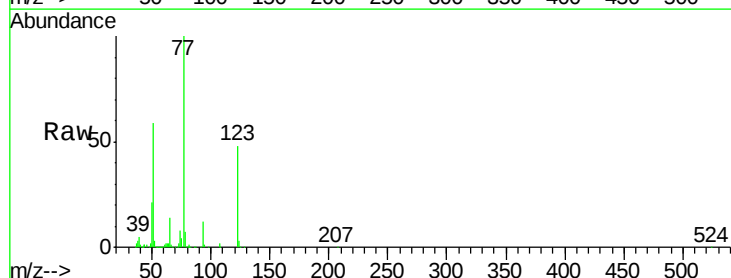
Manual Integrations
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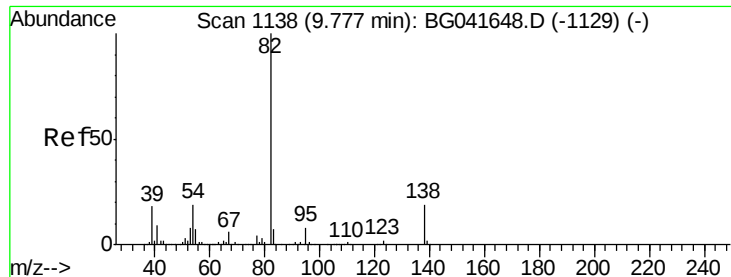
mohammad
 7/22/2019 10:00:54 AM



#24
 Nitrobenzene
 Concen: 32.863 ng
 RT: 9.24 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	247429		
123	48.3	38.1	57.1	
65	14.2	11.0	16.6	





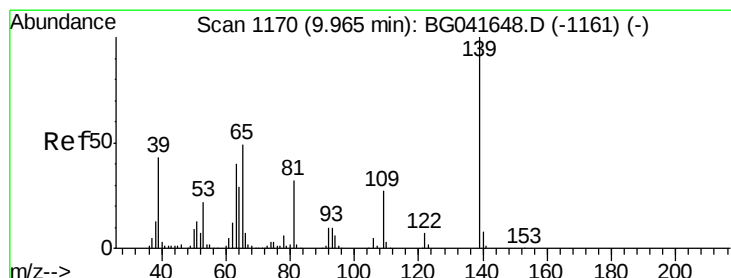
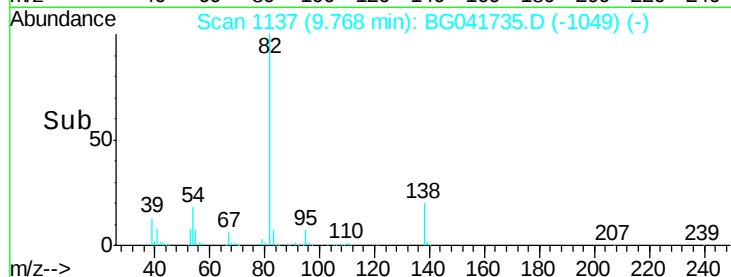
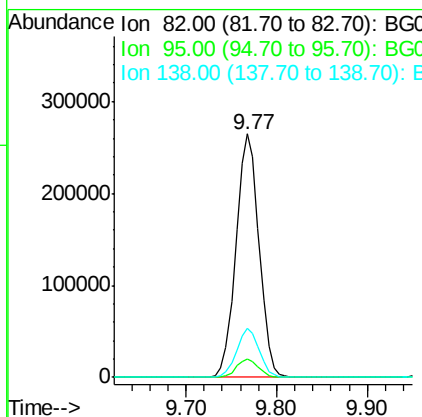
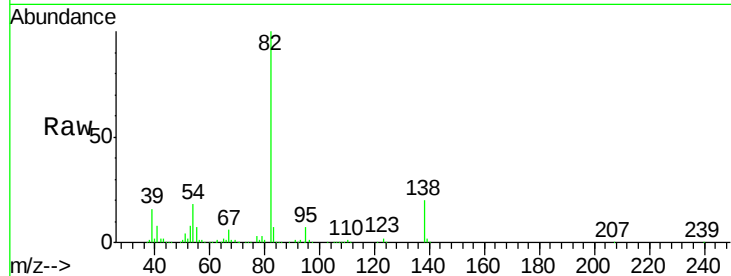
#25
Isophorone
Concen: 30.930 ng
RT: 9.77 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	467449		
95	7.3		5.9	8.9
138	20.1		16.3	24.5

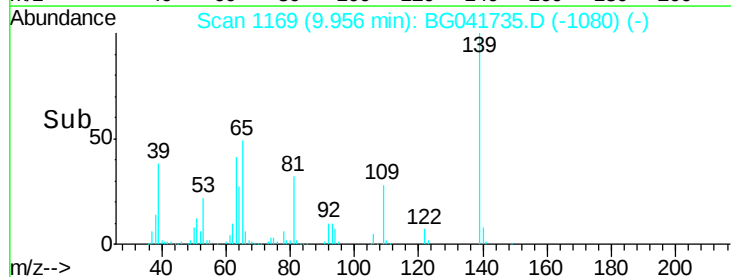
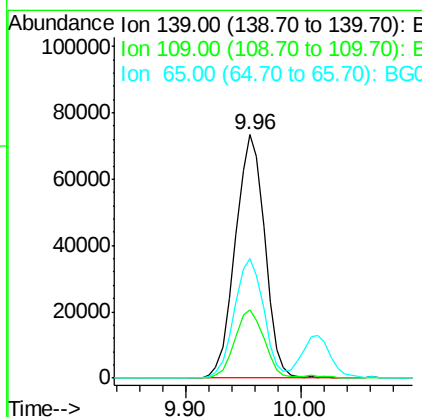
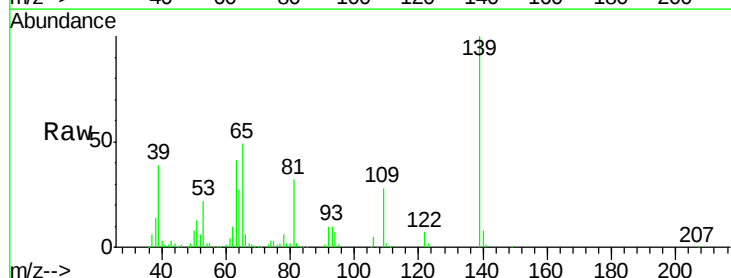
Manual Integrations
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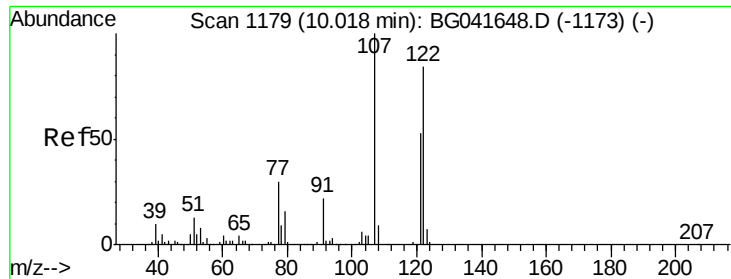
mohammad
7/22/2019 10:00:54 AM



#26
2-Nitrophenol
Concen: 38.557 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	129673		
109	27.9		22.7	34.1
65	48.9		41.1	61.7





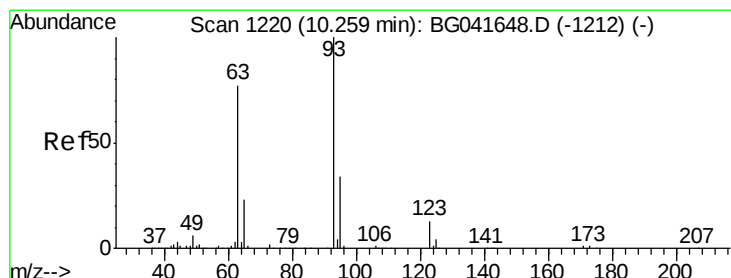
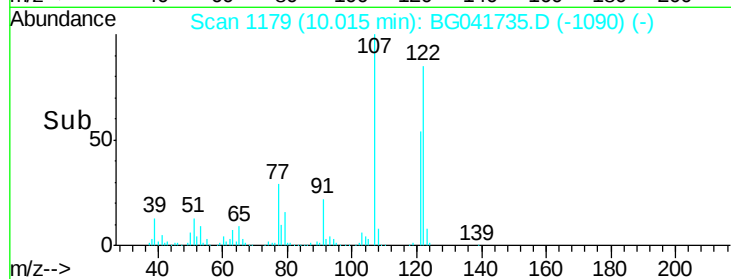
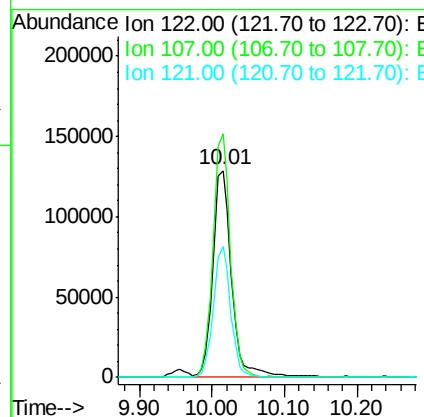
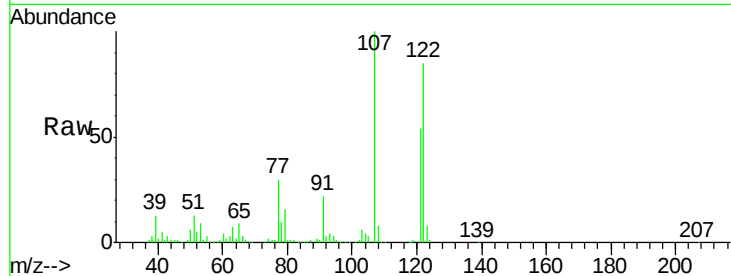
#27
2,4-Dimethylphenol
Concen: 39.077 ng
RT: 10.01 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	233672		
107	117.7	91.3	136.9	
121	63.3	49.2	73.8	

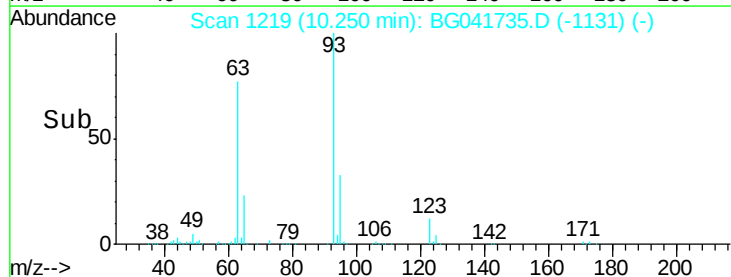
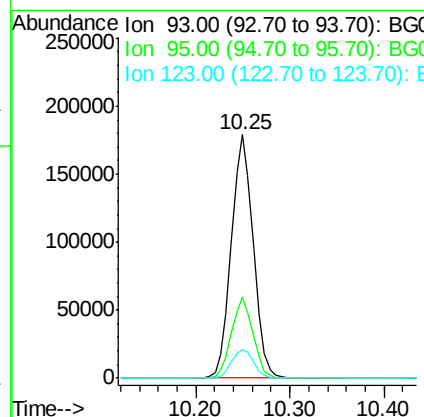
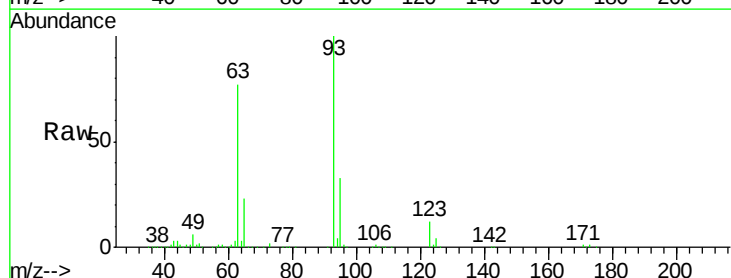
Manual Integrations
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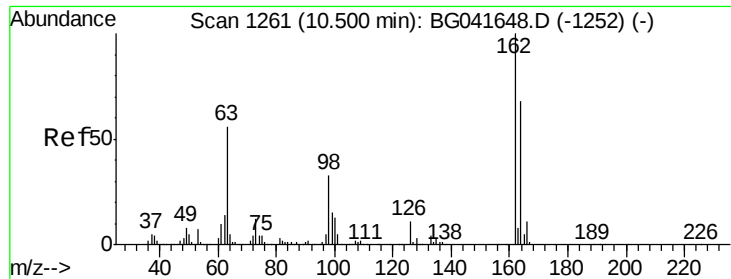
mohammad
7/22/2019 10:00:54 AM



#28
bis(2-Chloroethoxy)methane
Concen: 31.075 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	289454		
95	33.5	26.2	39.4	
123	11.9	9.9	14.9	





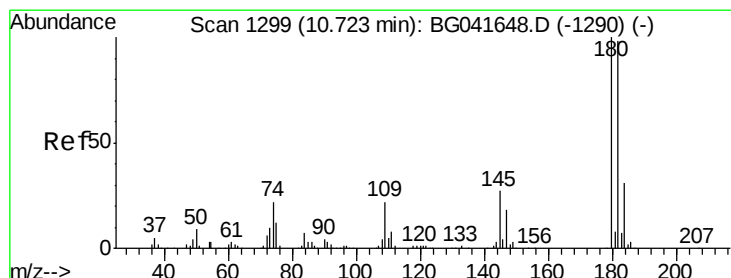
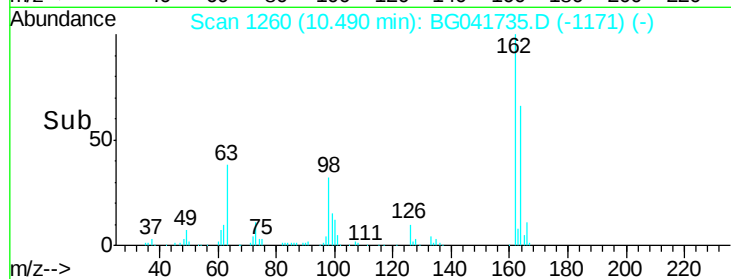
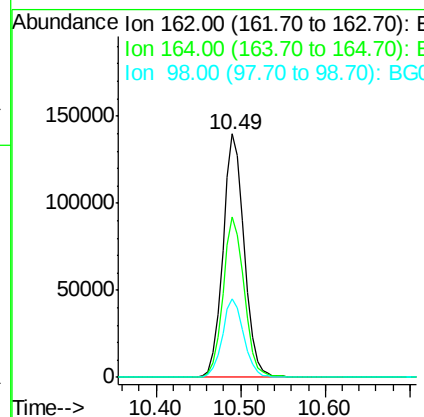
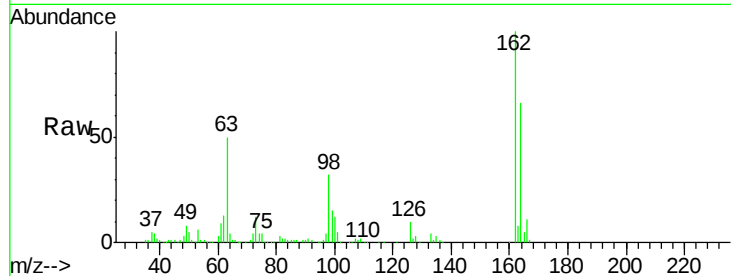
#29
 2,4-Dichlorophenol
 Concen: 35.932 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	244973		
164	66.0	46.1	86.1	
98	32.2	14.7	54.7	

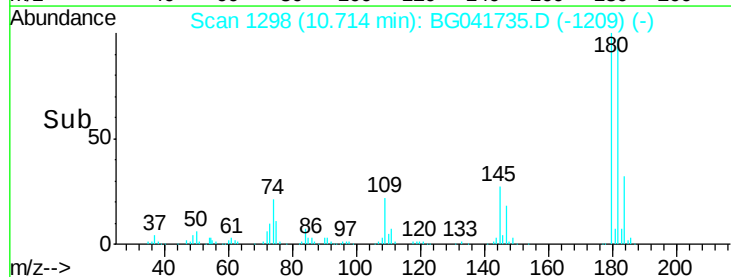
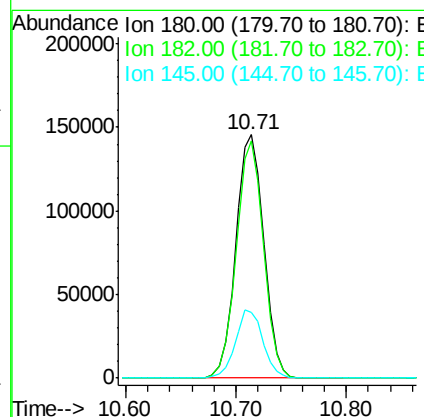
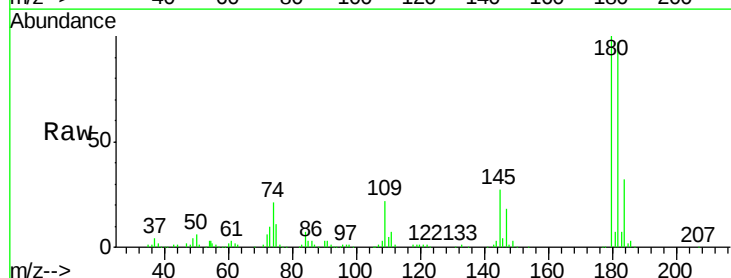
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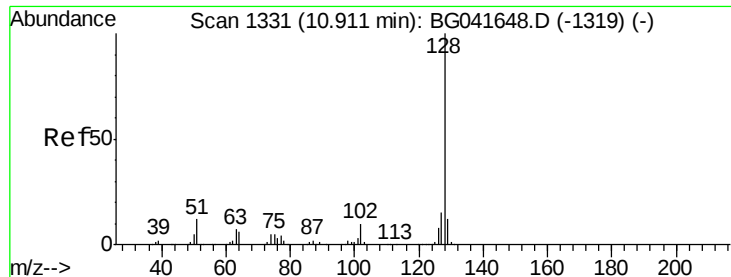
mohammad
 7/22/2019 10:00:54 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 32.249 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	258158		
182	97.3	76.2	114.2	
145	26.9	23.8	35.8	





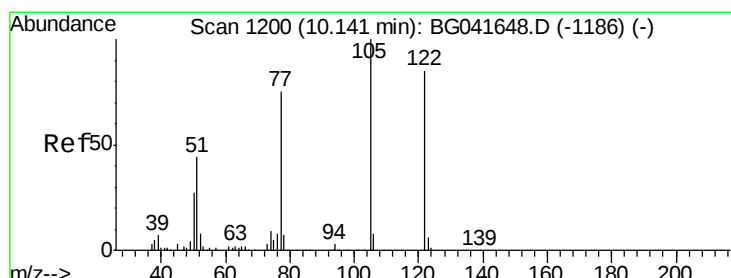
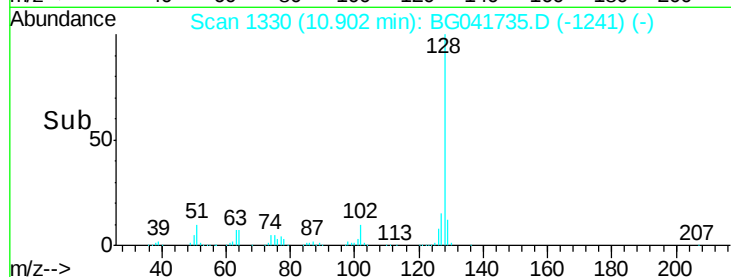
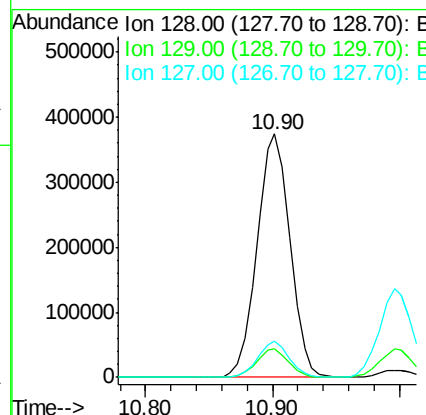
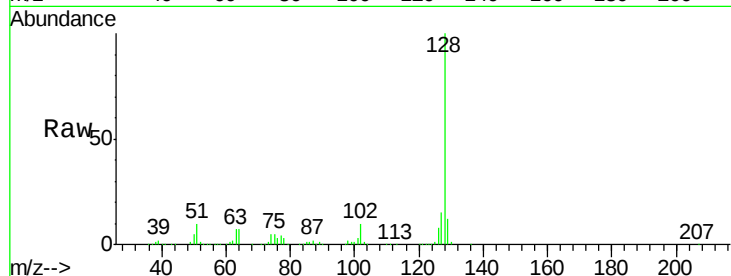
#31
Naphthalene
Concen: 32.746 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.0	15.0
127	14.8	12.3	18.5

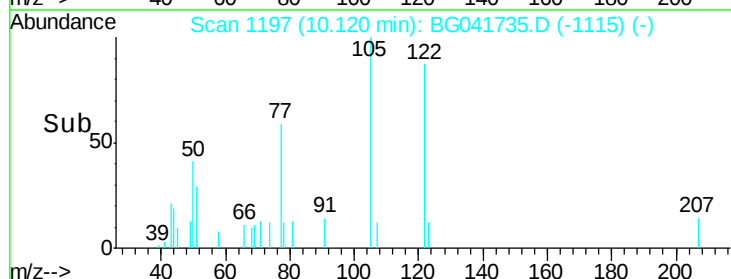
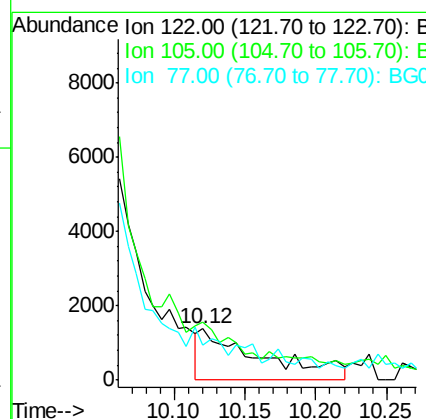
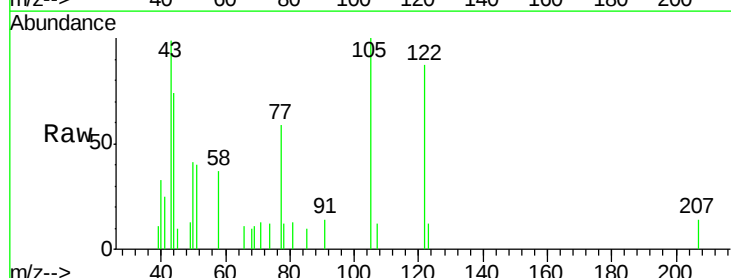
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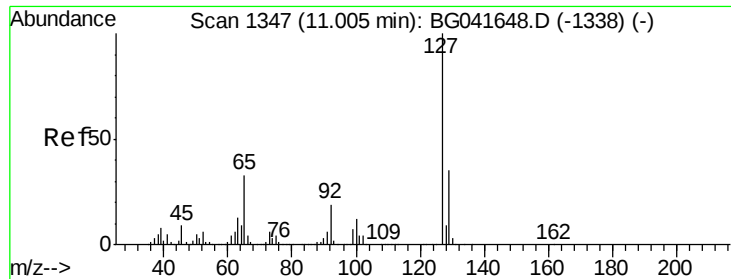
mohammad
7/22/2019 10:00:54 AM



#32
Benzoic acid
Concen: 6.773 ng m
RT: 10.12 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.4	101.5	141.5
77	67.8	73.0	113.0#





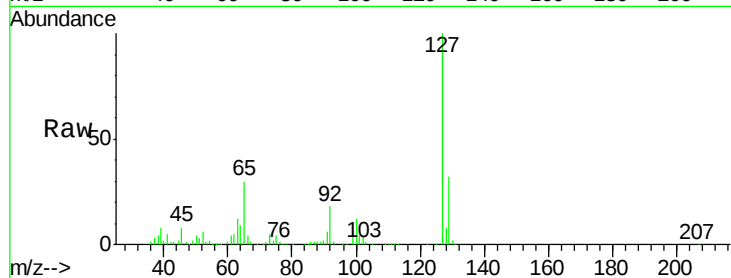
#33
4-Chloroaniline
Concen: 25.860 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

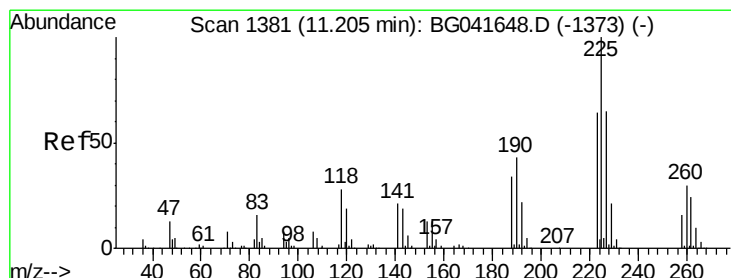
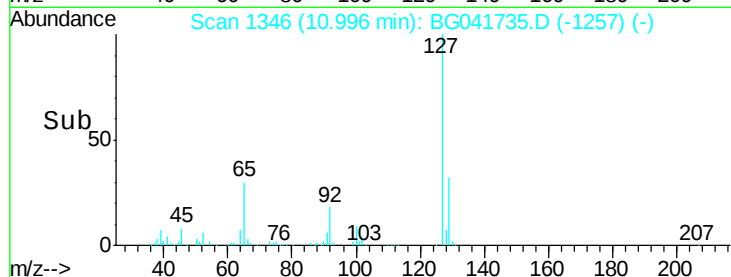
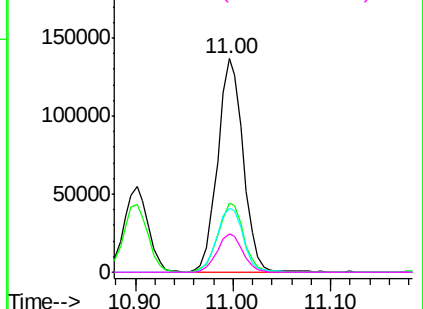
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.8	38.8		
65	30.2	26.7	40.1		
92	18.1	15.4	23.0		

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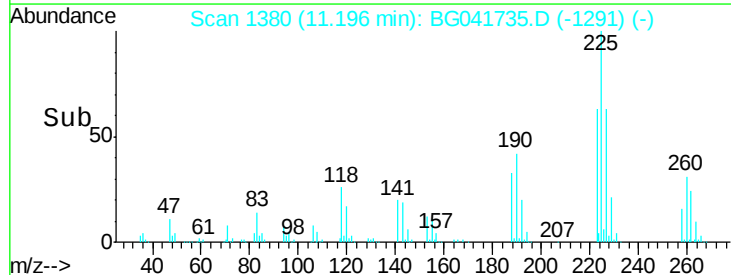
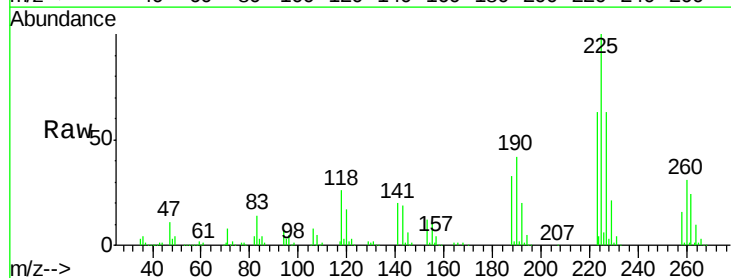
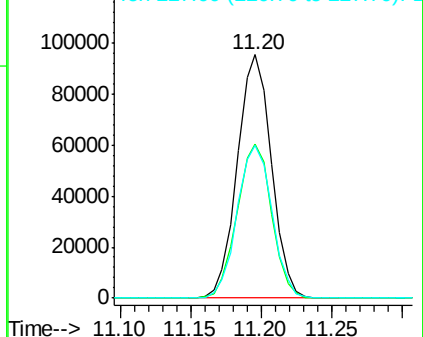
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

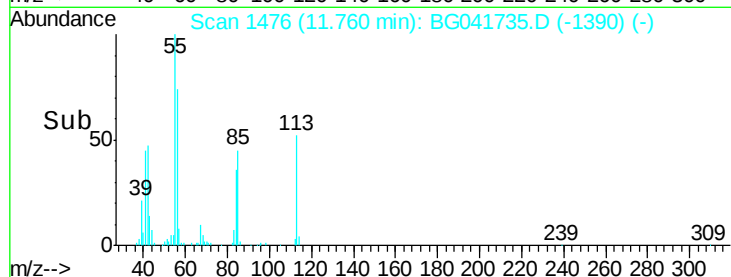
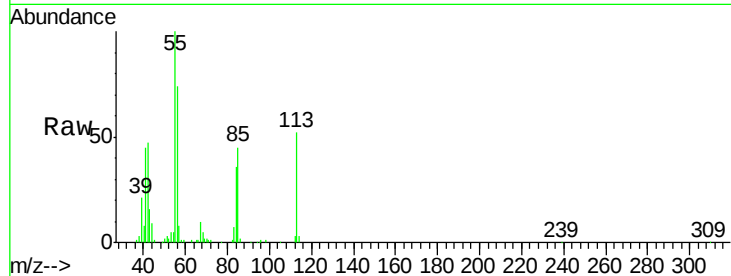
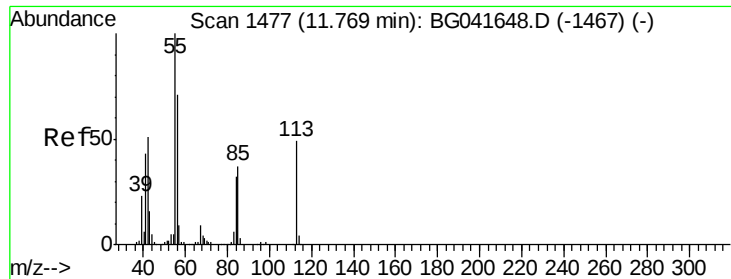


#34
Hexachlorobutadiene
Concen: 31.330 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.1	76.7		
227	62.8	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: 34.978 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:113 Resp: 87653

Ion Ratio Lower Upper

113 100

55 194.0 199.4 239.4#

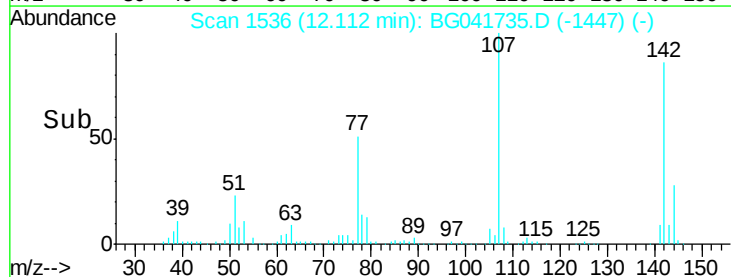
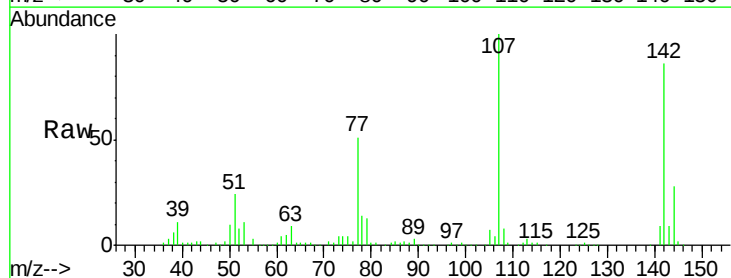
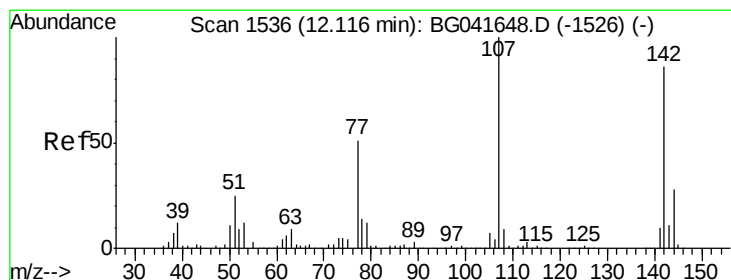
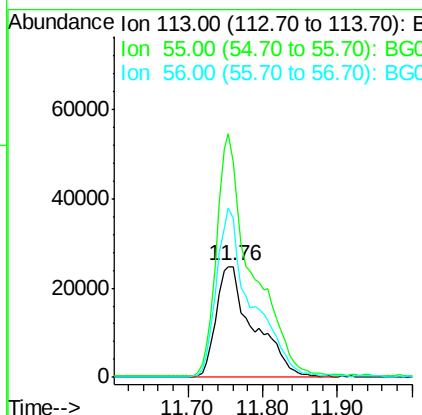
56 143.2 133.6 173.6

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#36

4-Chloro-3-methylphenol

Concen: 35.043 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

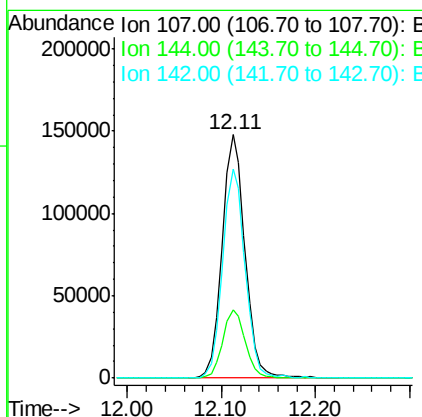
Tgt Ion:107 Resp: 250289

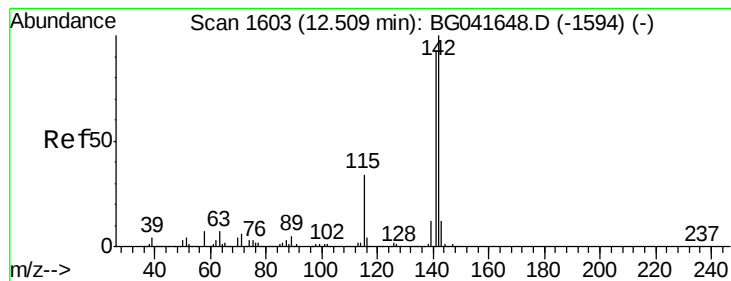
Ion Ratio Lower Upper

107 100

144 28.0 22.2 33.2

142 85.6 67.3 100.9





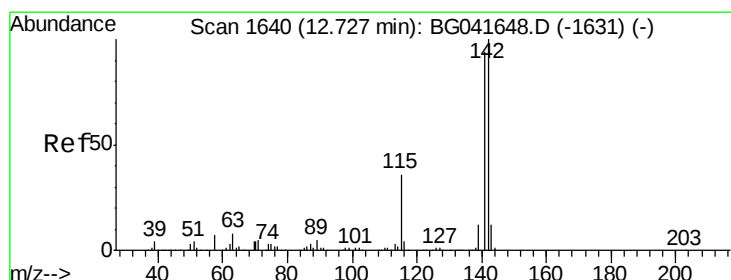
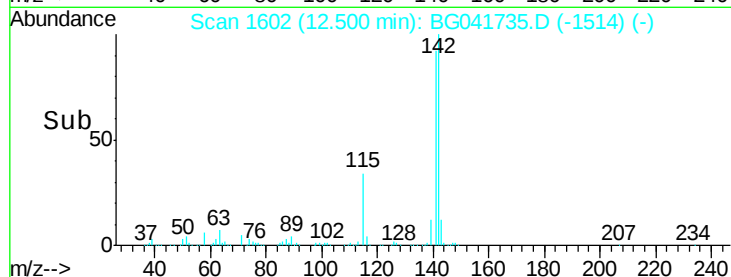
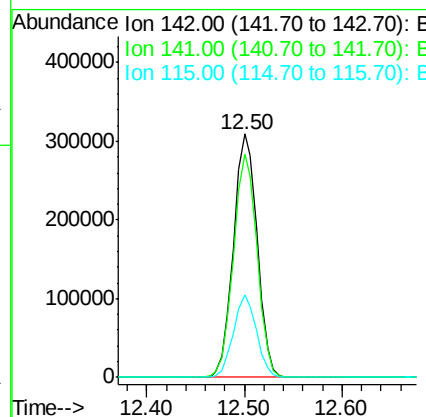
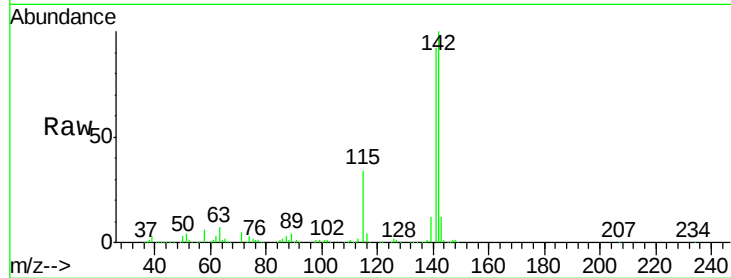
#37
2-Methylnaphthalene
Concen: 32.995 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
115	33.8	27.0	40.4

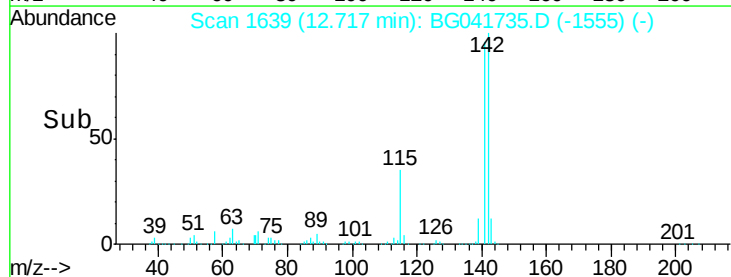
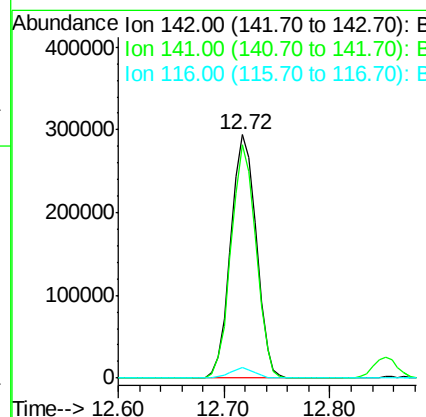
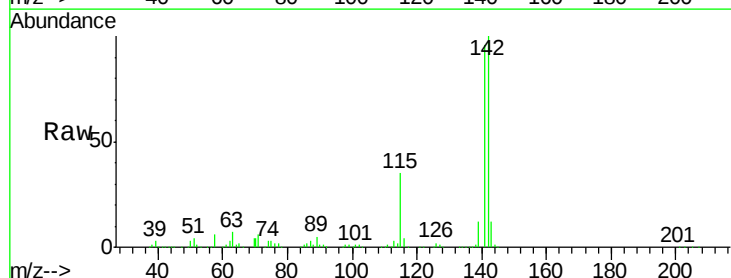
Manual Integrations
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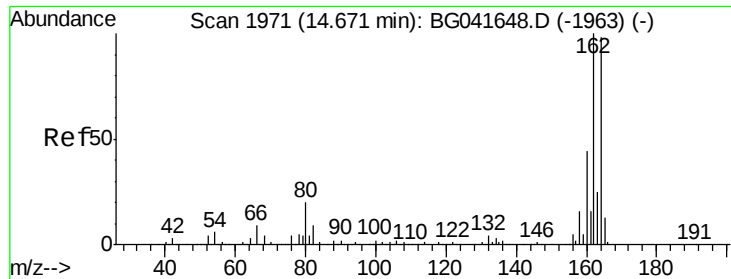
mohammad
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#38
1-Methylnaphthalene
Concen: 32.623 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.4	113.2
116	4.3	3.2	4.8





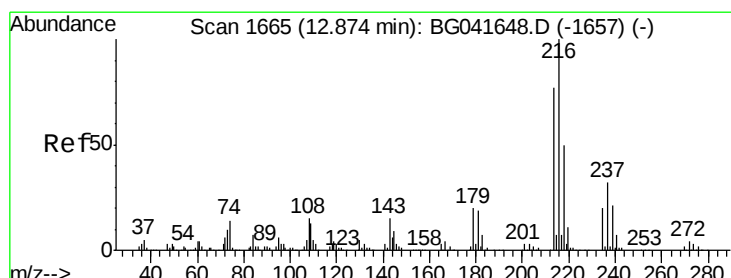
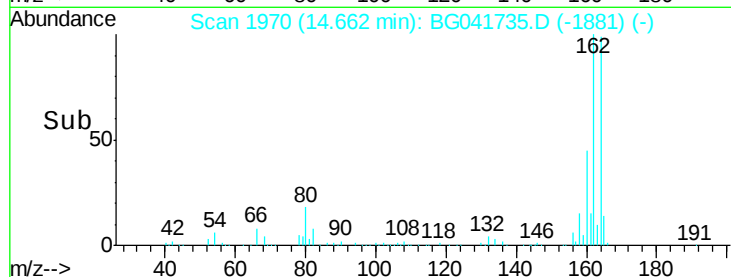
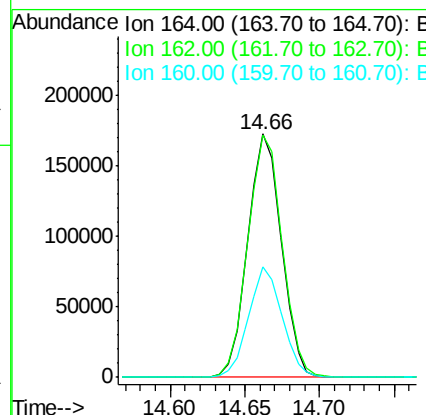
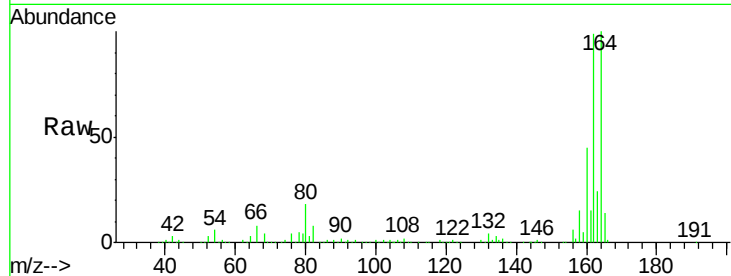
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.4	79.6	119.4	
160	45.1	35.4	53.0	

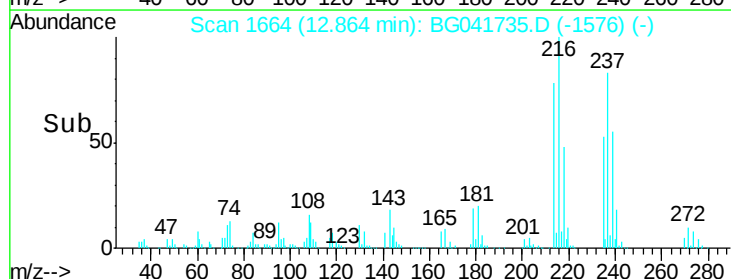
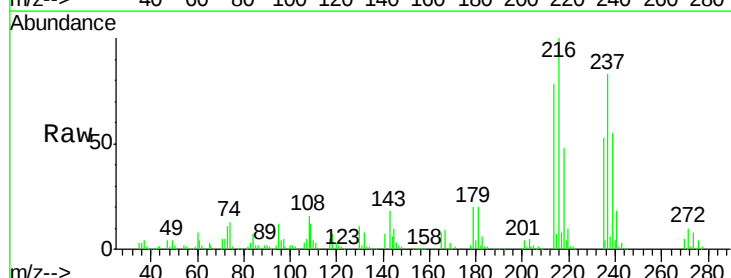
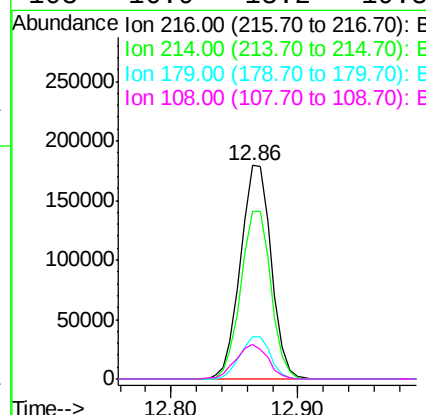
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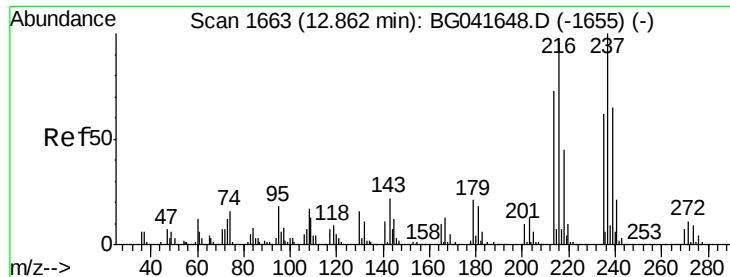
mohammad
7/22/2019 10:00:54 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.605 ng
RT: 12.86 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.5	61.5	92.3	
179	19.7	16.2	24.2	
108	16.9	13.2	19.8	





#41

Hexachlorocyclopentadiene

Concen: 73.110 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

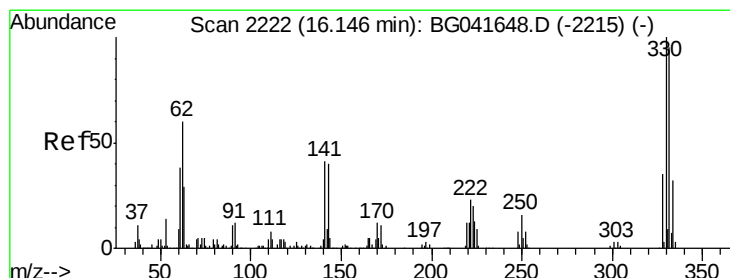
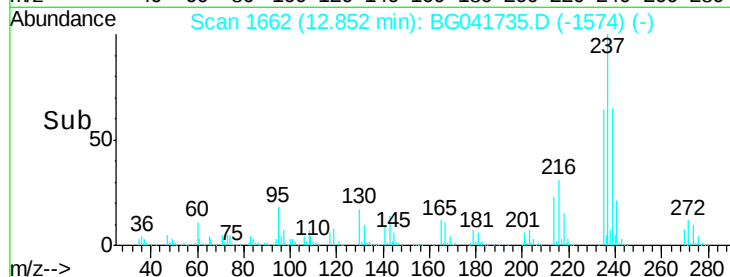
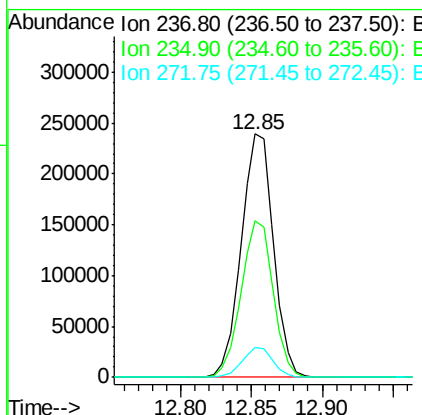
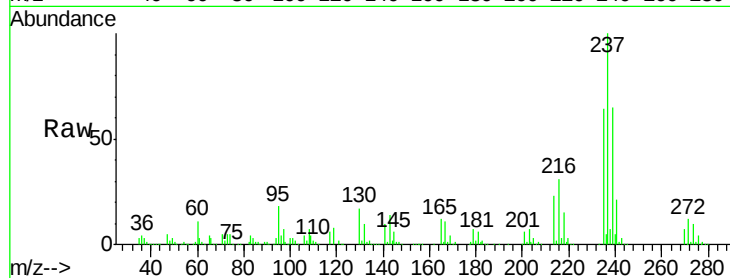
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	237	Resp:	380719
Ion Ratio	Lower	Upper	
237	100		
235	64.3	43.5	83.5
272	12.4	0.0	31.2

Manual Integrations
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7/22/2019 10:00:54 AM



#42

2,4,6-Tribromophenol

Concen: 114.518 ng

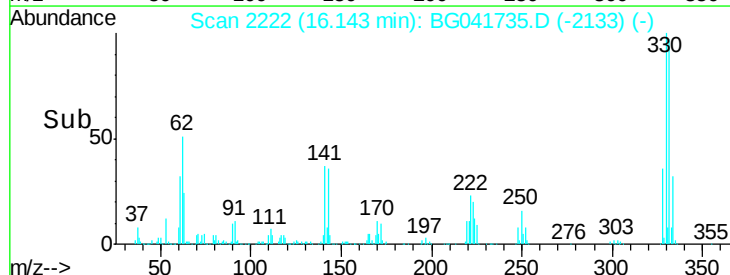
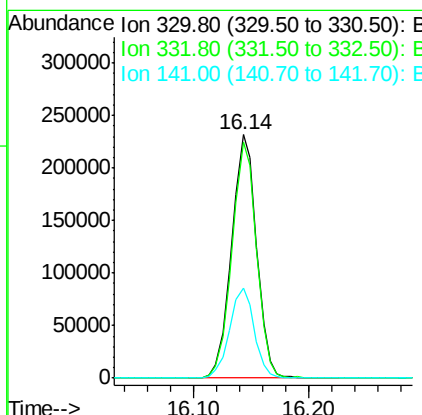
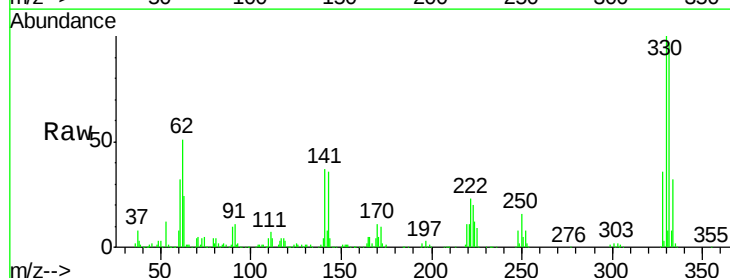
RT: 16.14 min Scan# 2222

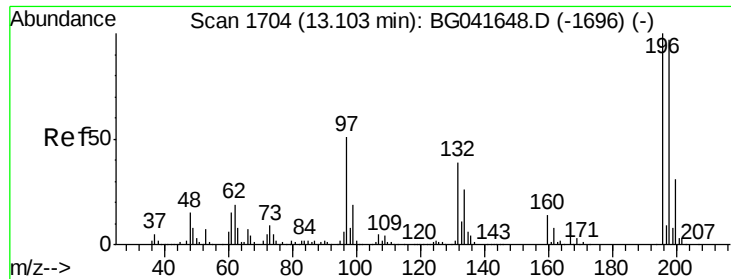
Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion:	330	Resp:	346849
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.4	116.0
141	36.8	31.9	47.9





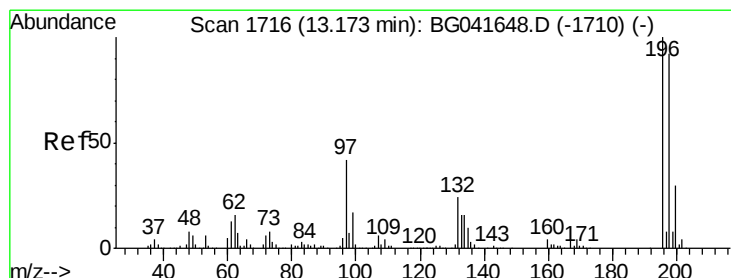
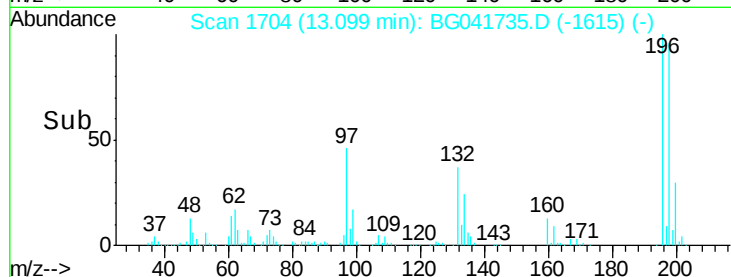
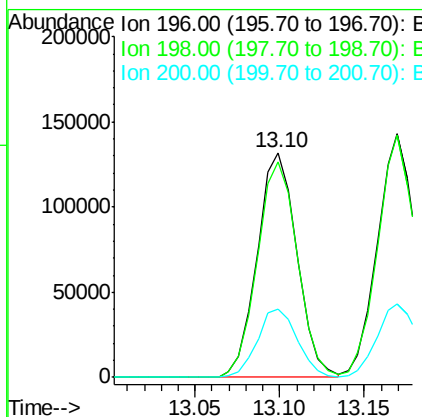
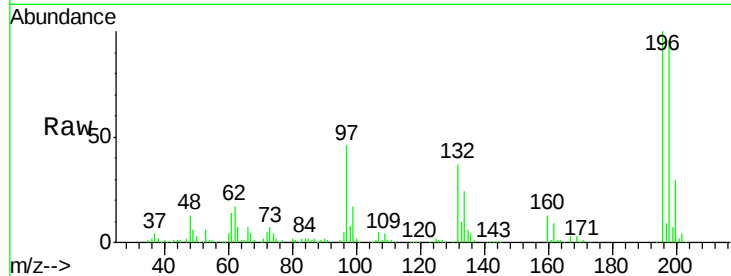
#43
 2,4,6-Trichlorophenol
 Concen: 35.808 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	214183		
198	96.1	79.6	119.4	
200	30.1	25.2	37.8	

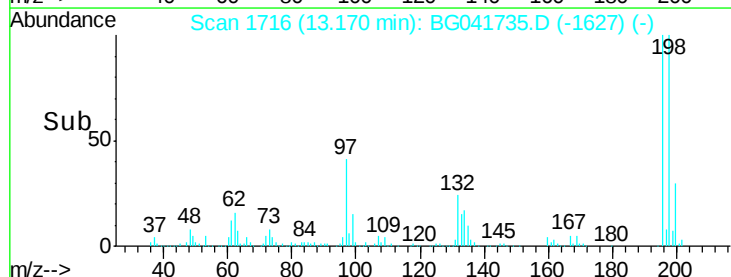
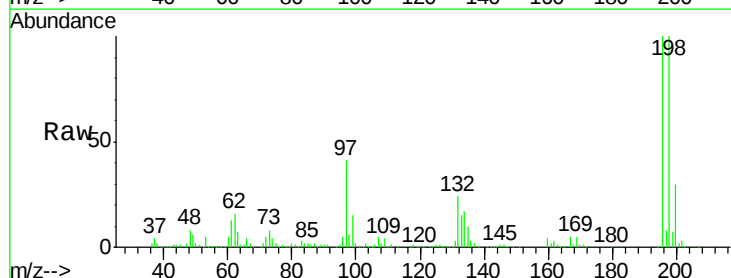
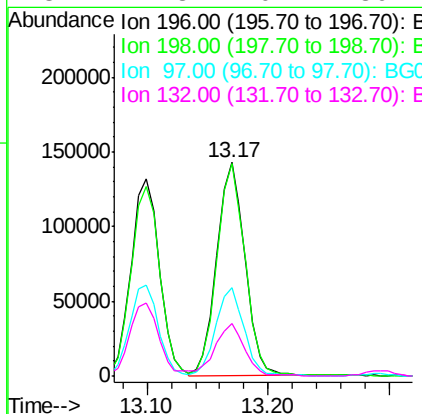
Manual Integrations
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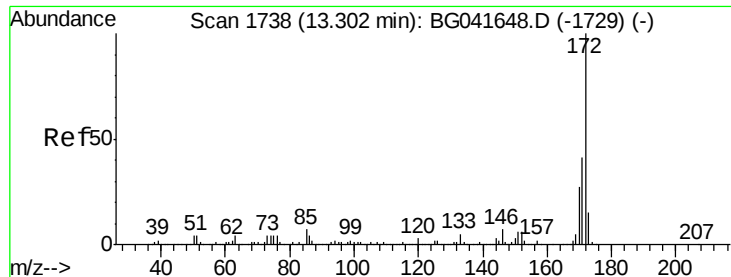
mohammad
 7/22/2019 10:00:54 AM



#44
 2,4,5-Trichlorophenol
 Concen: 36.599 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230651		
198	99.7	80.6	121.0	
97	41.1	33.9	50.9	
132	24.3	20.2	30.2	





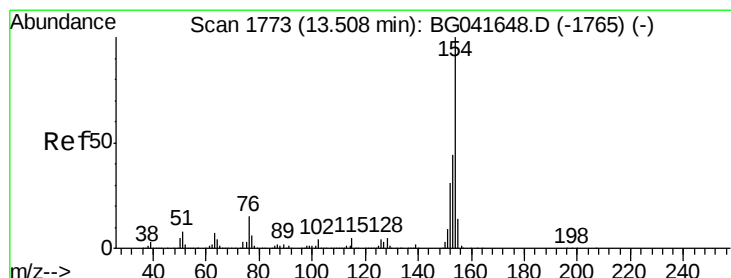
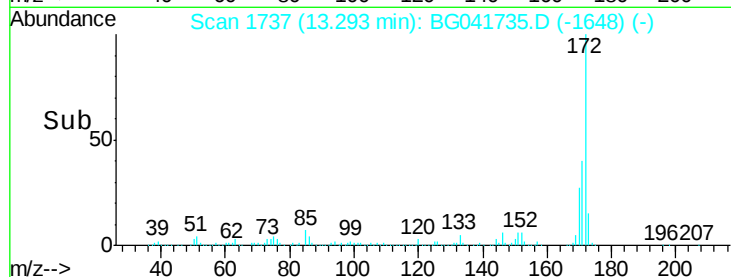
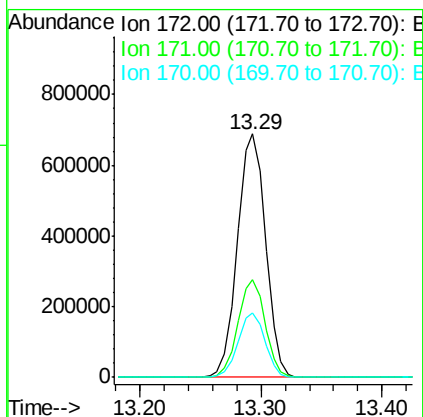
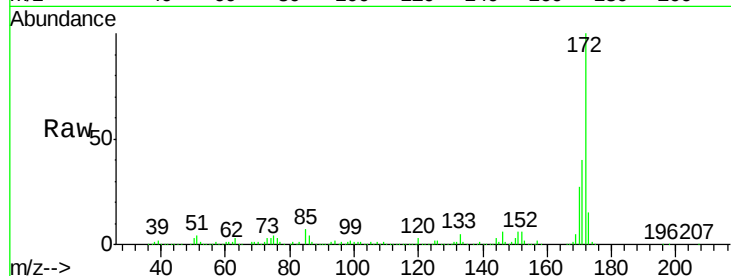
#45
2-Fluorobiphenyl
Concen: 64.506 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.0	52.4
170	26.6	23.5	35.3

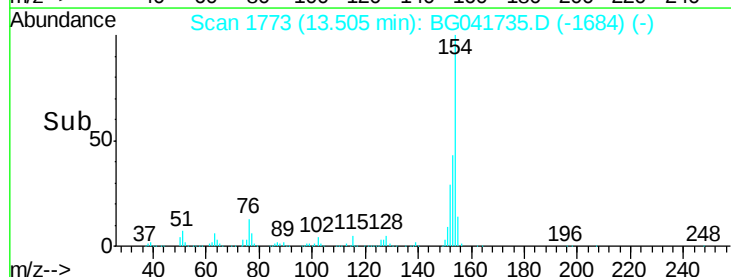
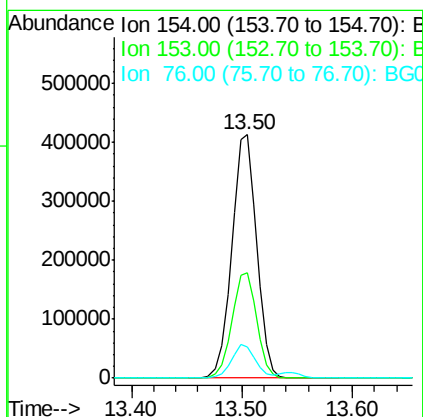
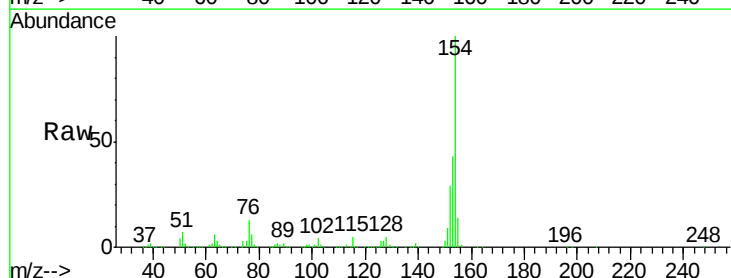
Manual Integrations
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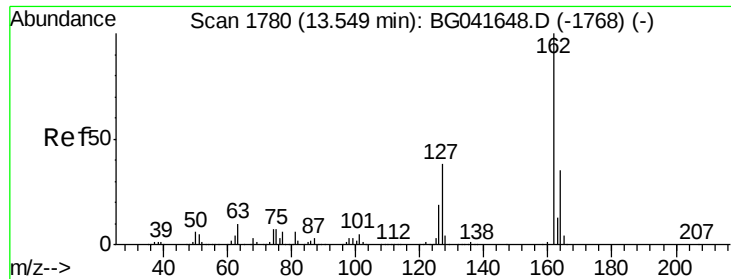
mohammad
7/22/2019 10:00:54 AM



#46
1,1'-Biphenyl
Concen: 32.272 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	25.0	65.0
76	13.0	0.0	34.5





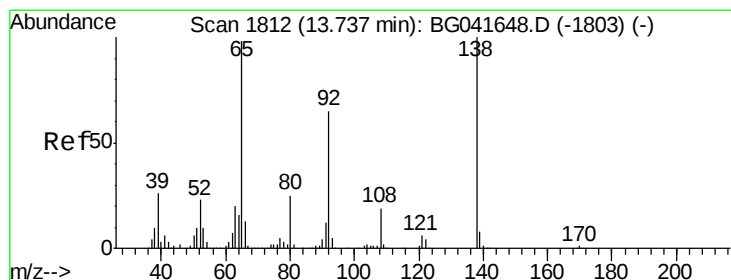
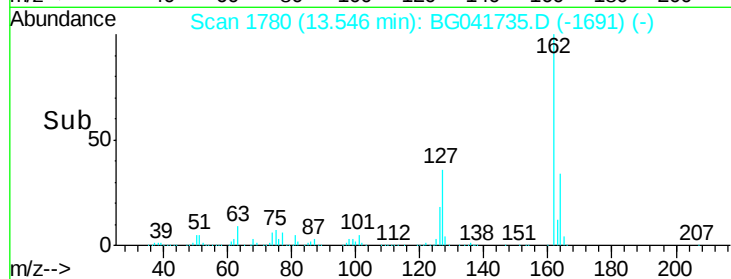
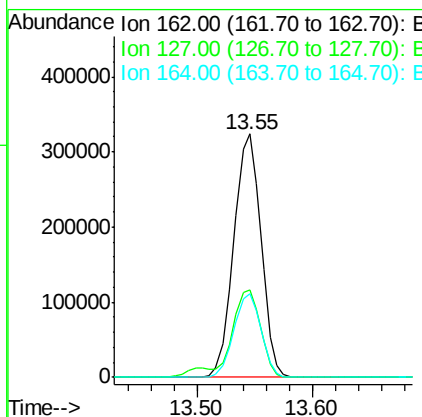
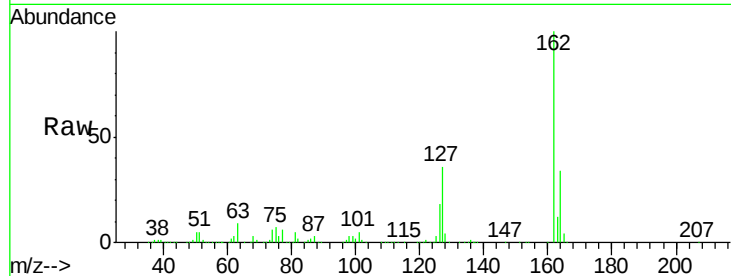
#47
2-Chloronaphthalene
Concen: 31.442 ng
RT: 13.55 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	527609		
127	35.9		30.4	45.6
164	34.2		28.6	42.8

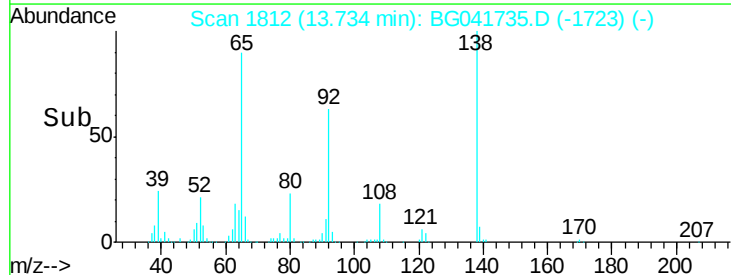
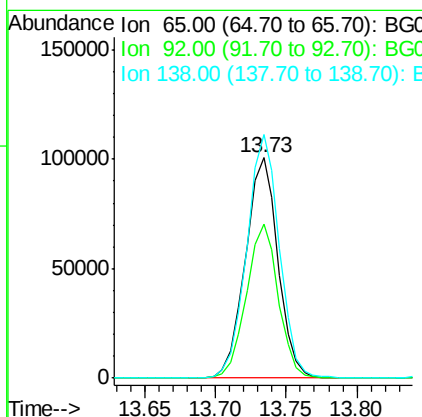
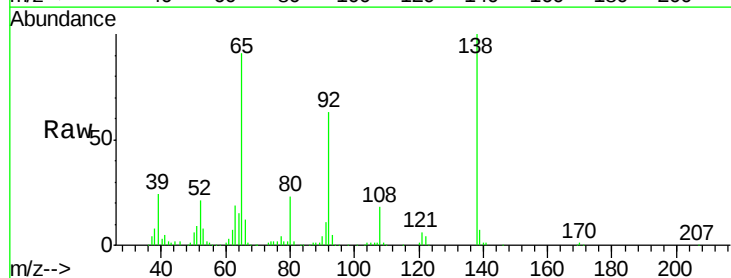
Manual Integrations
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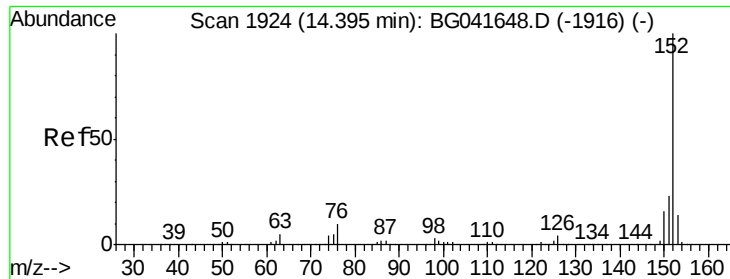
mohammad
7/22/2019 10:00:54 AM



#48
2-Nitroaniline
Concen: 33.366 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	163014		
92	70.1		53.9	80.9
138	110.4		83.5	125.3





#49

Acenaphthylene

Concen: 32.481 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

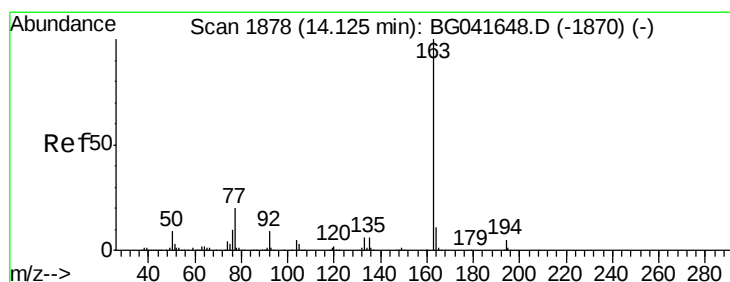
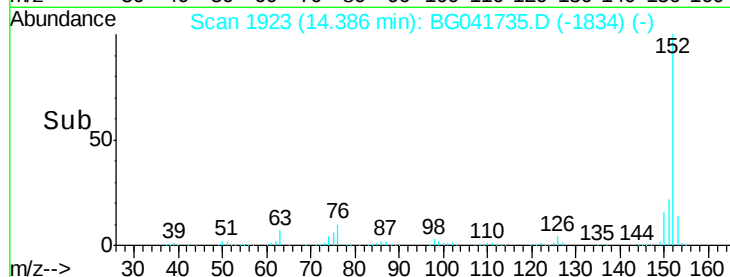
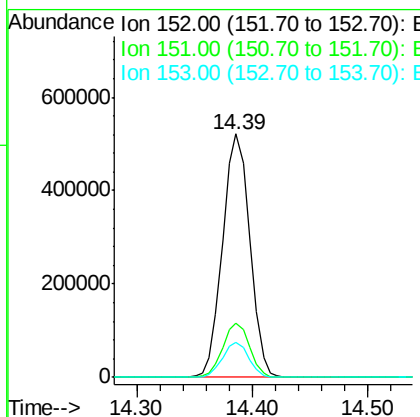
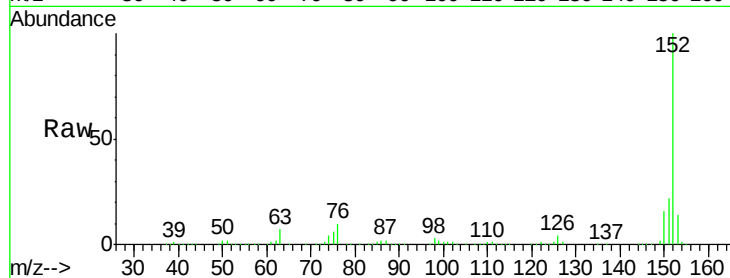
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.2	18.7	28.1
153	14.3	12.4	18.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.787 ng

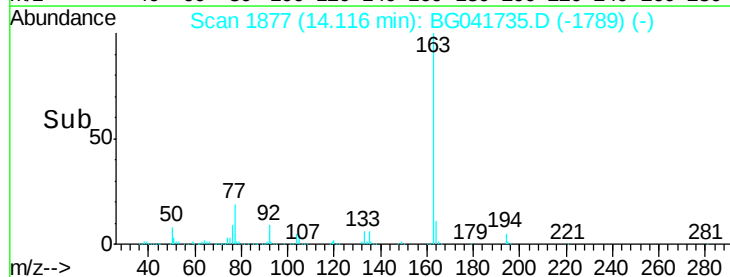
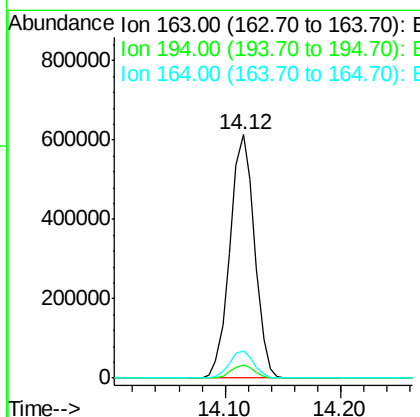
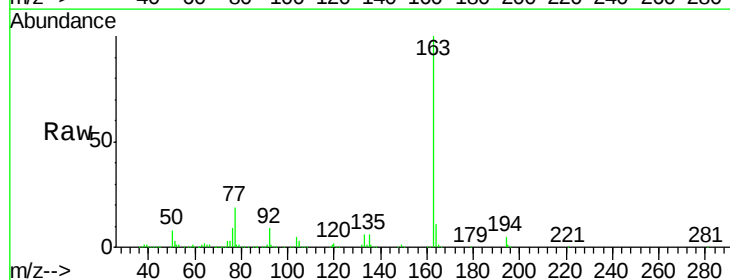
RT: 14.12 min Scan# 1877

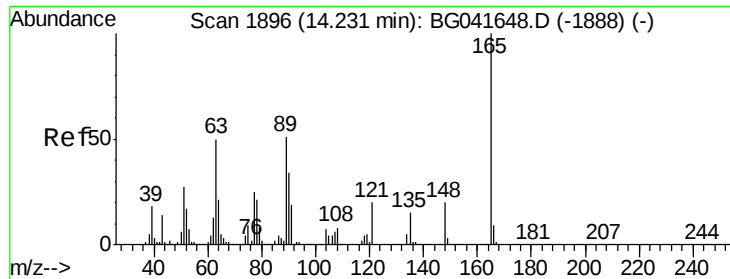
Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.3	4.2	6.2
164	11.3	9.4	14.2





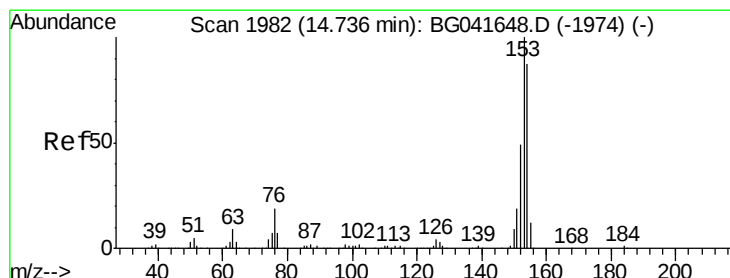
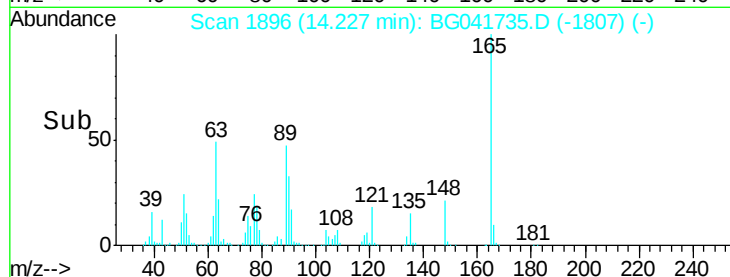
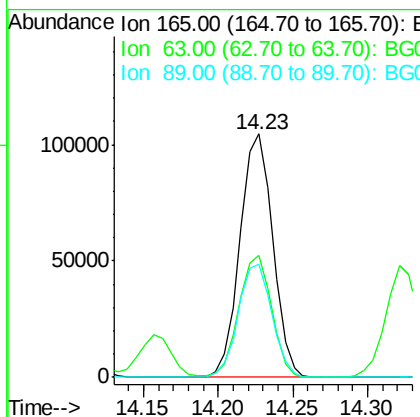
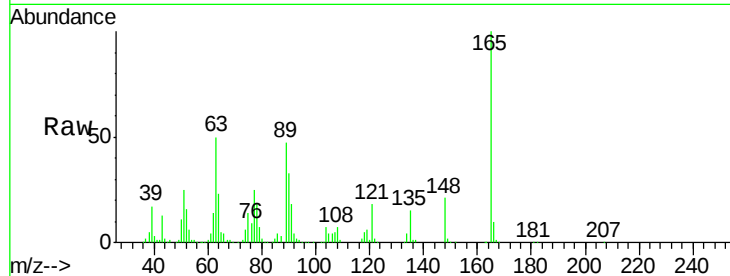
#51
 2,6-Dinitrotoluene
 Concen: 35.730 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	159966		
63	50.0		42.4	63.6
89	46.6		42.1	63.1

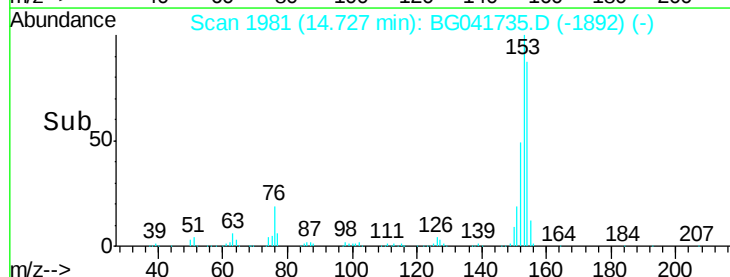
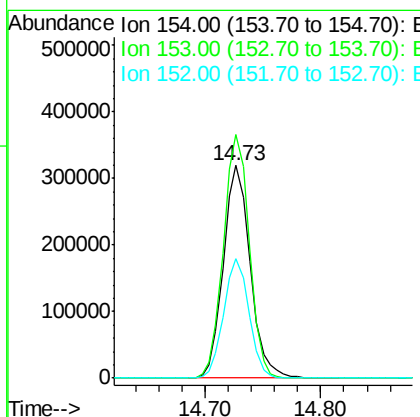
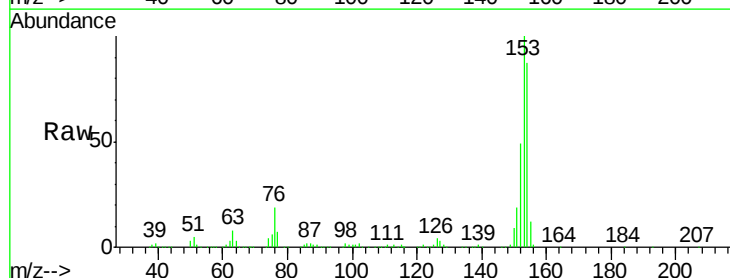
Manual Integrations
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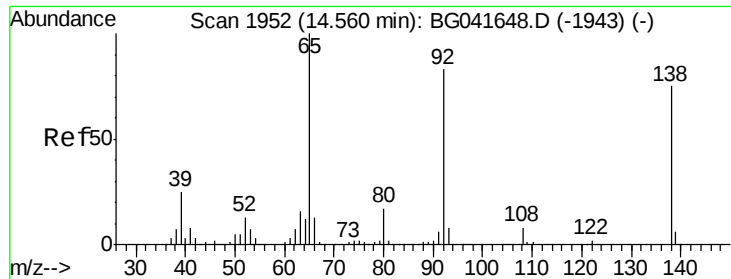
mohammad
 7/22/2019 10:00:54 AM



#52
 Acenaphthene
 Concen: 31.185 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	514809		
153	114.4		89.8	134.6
152	55.9		44.9	67.3





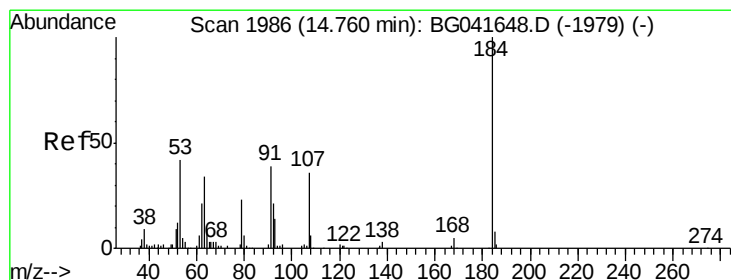
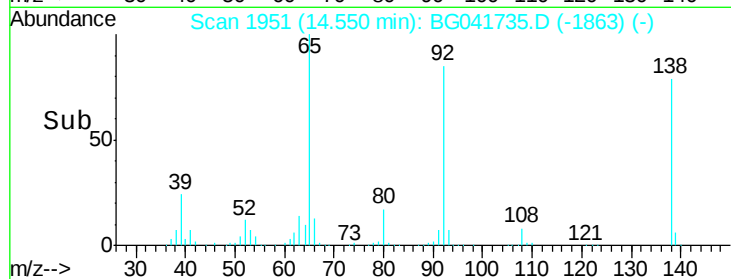
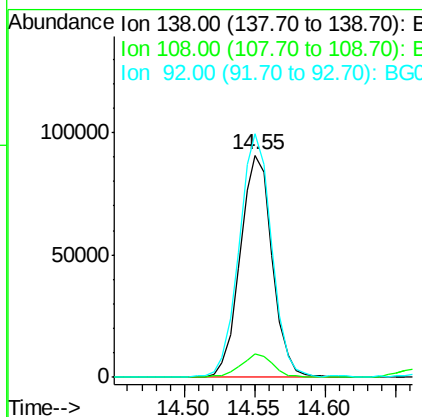
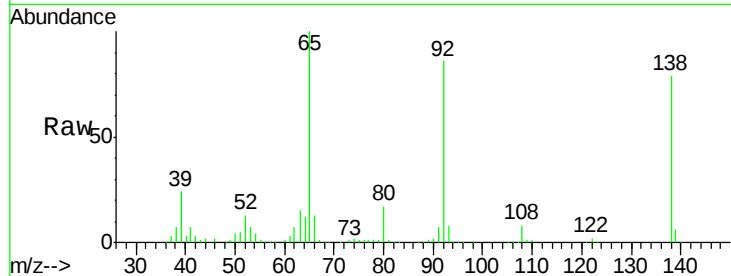
#53
 3-Nitroaniline
 Concen: 29.401 ng
 RT: 14.55 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	143693		
108	10.7	10.3	15.5	
92	109.7	93.0	139.4	

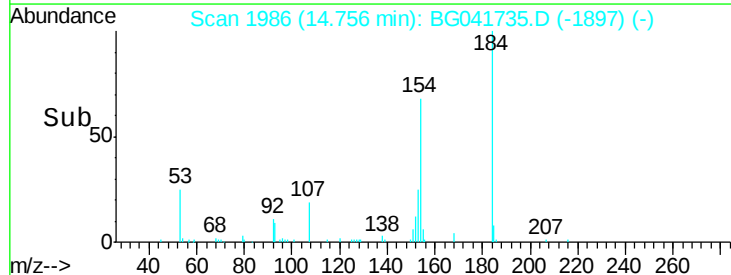
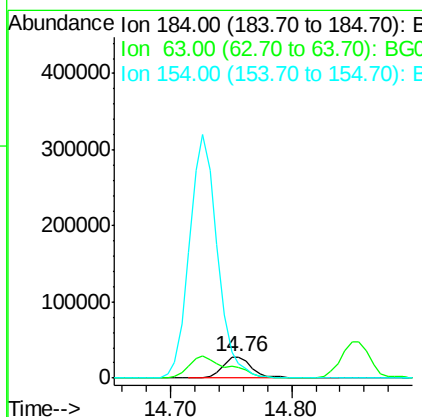
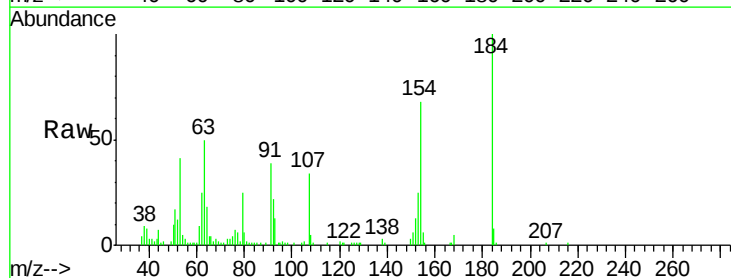
Manual Integrations
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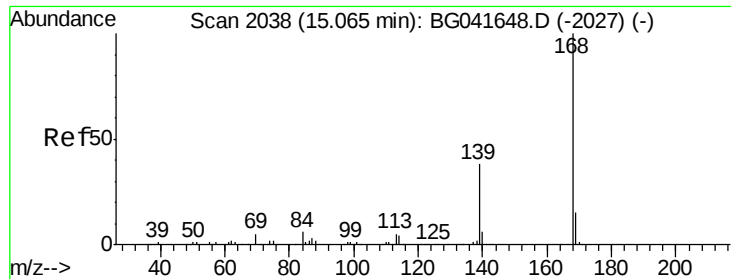
mohammad
 7/22/2019 10:00:54 AM



#54
 2,4-Dinitrophenol
 Concen: 26.450 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	46891		
63	50.2	43.2	64.8	
154	68.2	51.4	77.2	





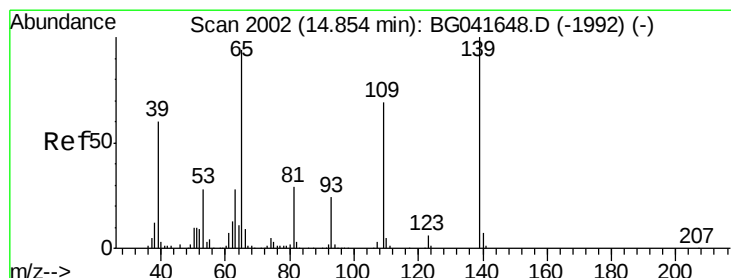
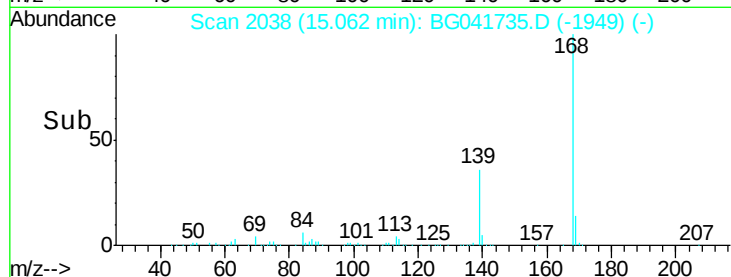
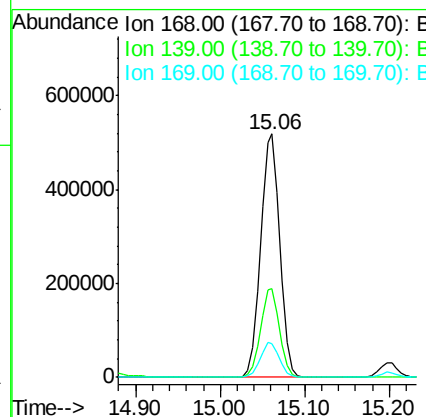
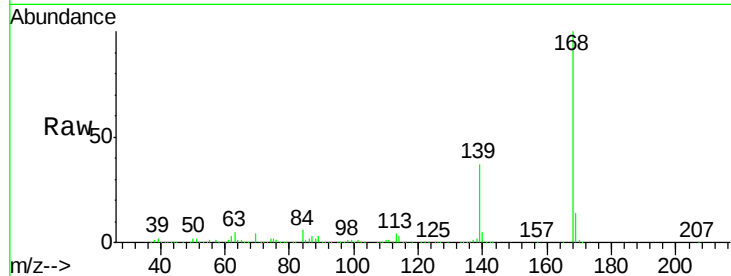
#55
Dibenzenofuran
Concen: 33.413 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	827699		
139	36.7		31.9	47.9
169	14.0		12.5	18.7

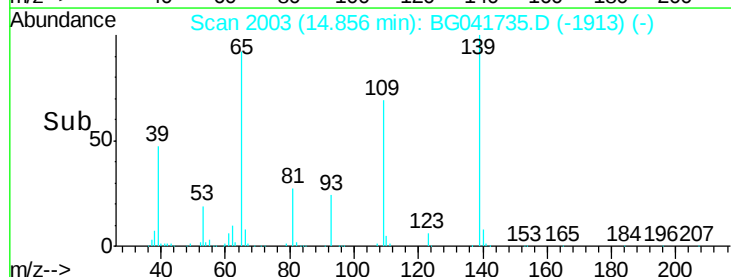
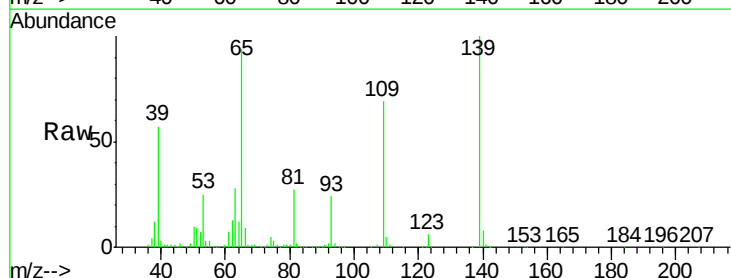
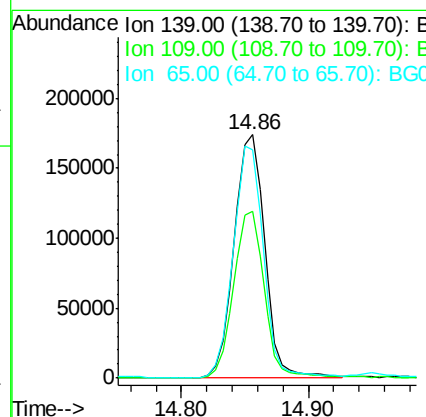
Manual Integrations
APPROVED

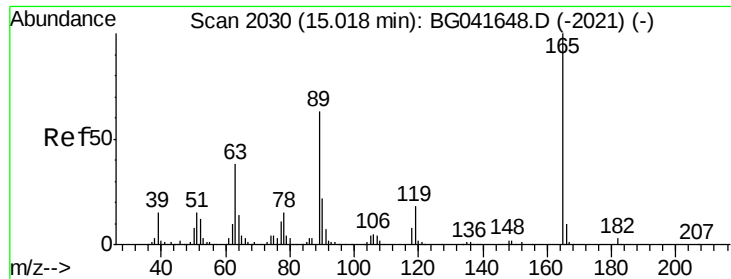
mohammad
7/22/2019 10:00:54 AM



#56
4-Nitrophenol
Concen: 73.885 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	292352		
109	68.6		51.3	91.3
65	93.9		77.6	117.6





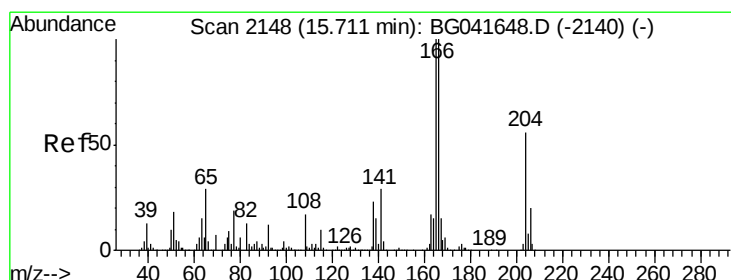
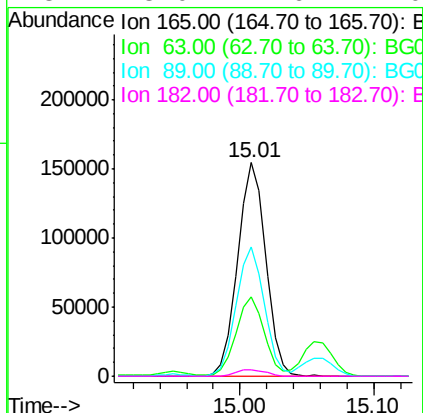
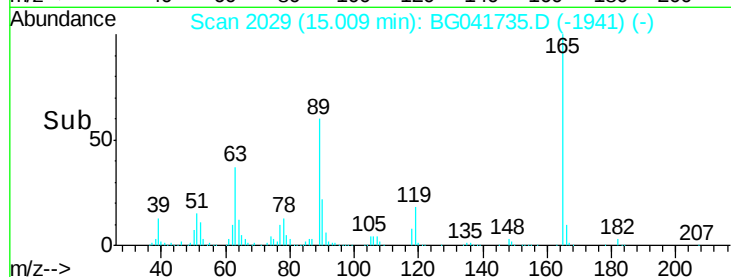
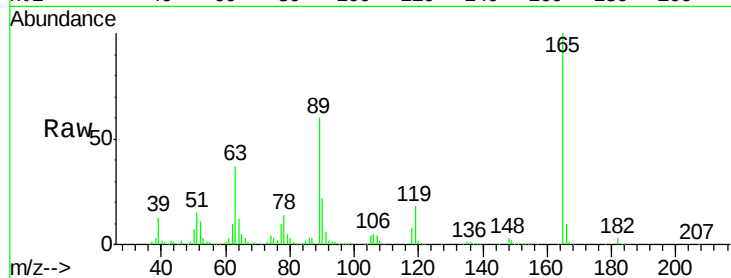
#57
2,4-Dinitrotoluene
Concen: 37.865 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		224090		
63	37.3		31.7	47.5	
89	60.2		50.2	75.4	
182	3.0		2.6	4.0	

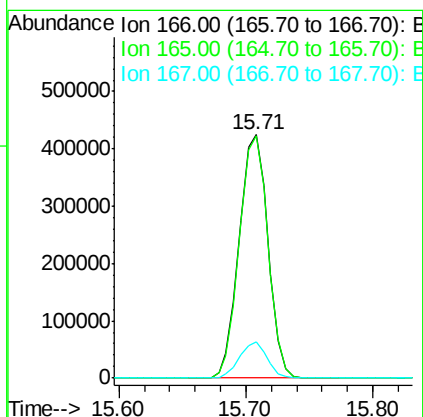
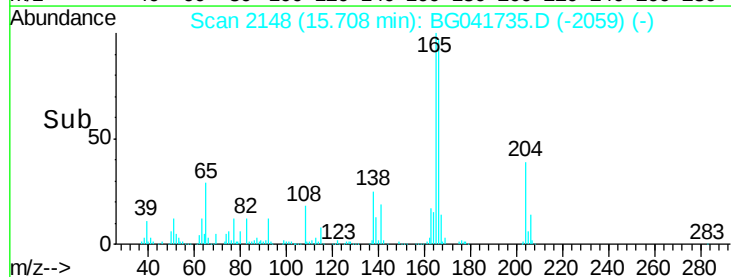
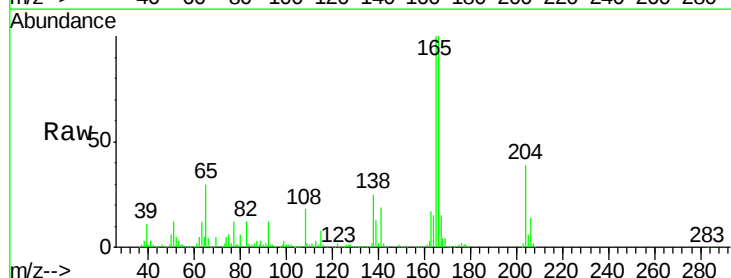
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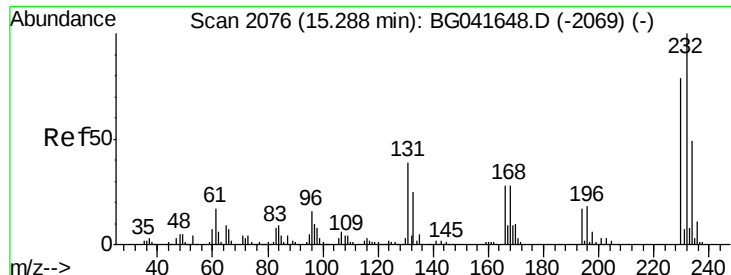
mohammad
7/22/2019 10:00:54 AM



#58
Fluorene
Concen: 33.145 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		668086		
165	99.8		80.5	120.7	
167	14.7		12.4	18.6	





#59

2,3,4,6-Tetrachlorophenol

Concen: 37.953 ng

RT: 15.28 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:232 Resp: 220812

Ion Ratio Lower Upper

232 100

131 38.2 31.8 47.6

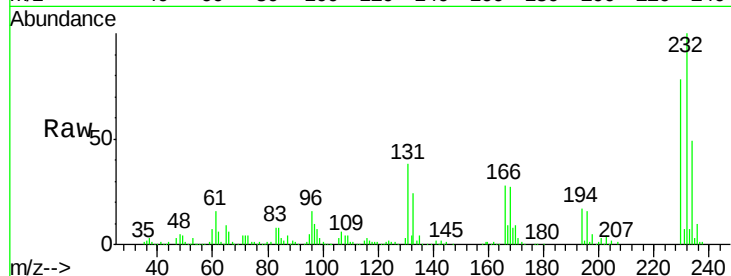
130 2.4 1.8 2.8

166 28.2 23.5 35.3

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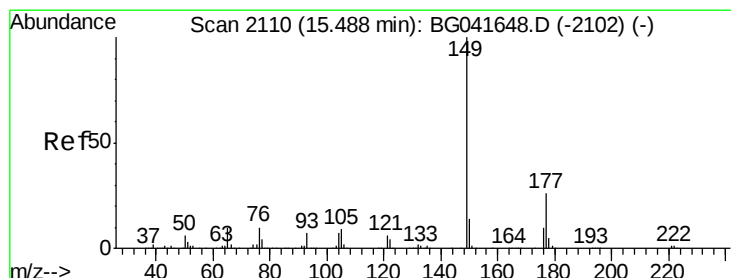
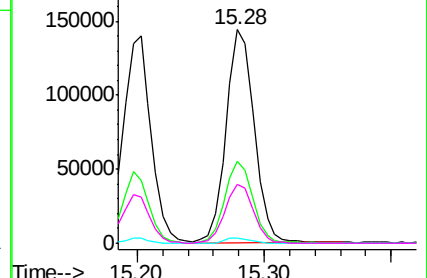
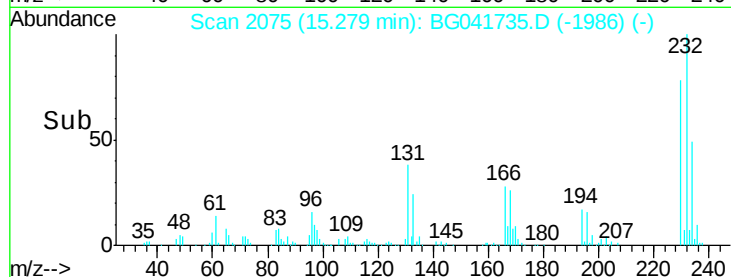


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 32.116 ng

RT: 15.47 min Scan# 2108

Delta R.T. -0.02 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

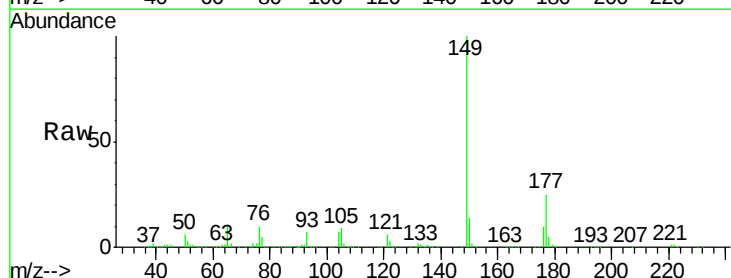
Tgt Ion:149 Resp: 682919

Ion Ratio Lower Upper

149 100

177 24.7 20.7 31.1

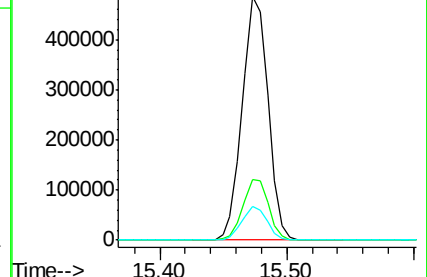
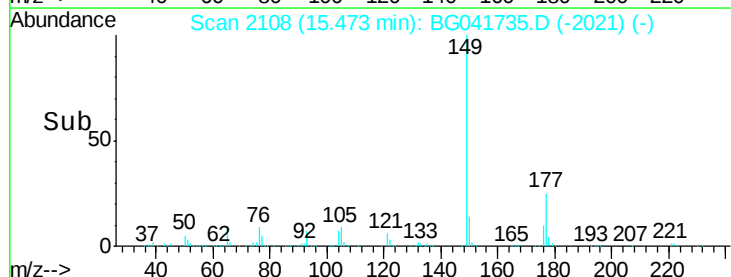
150 13.8 11.5 17.3

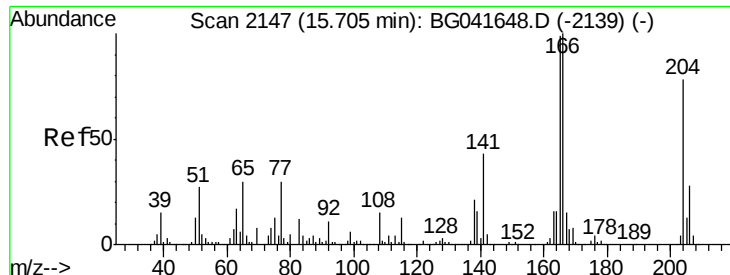


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





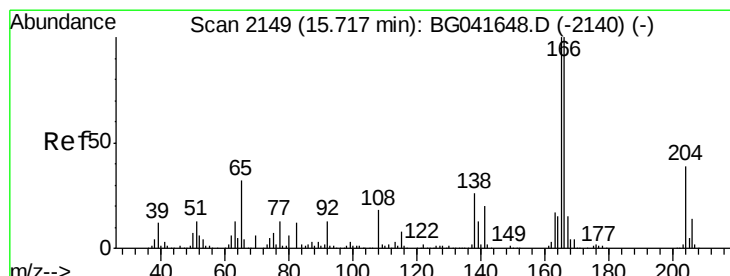
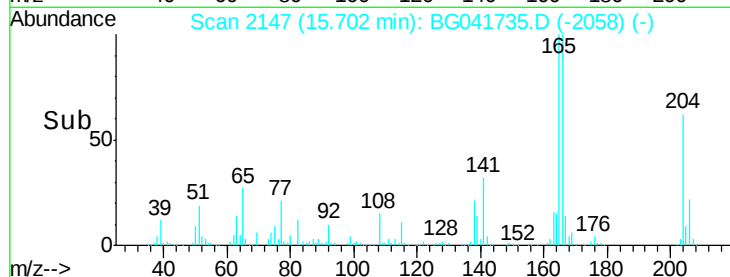
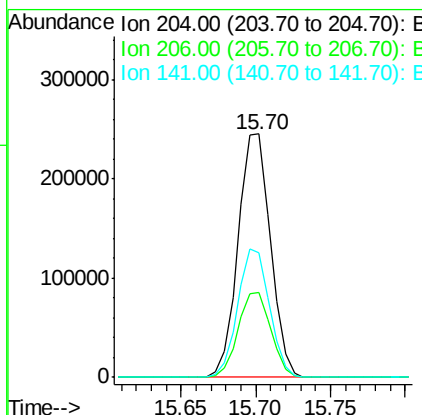
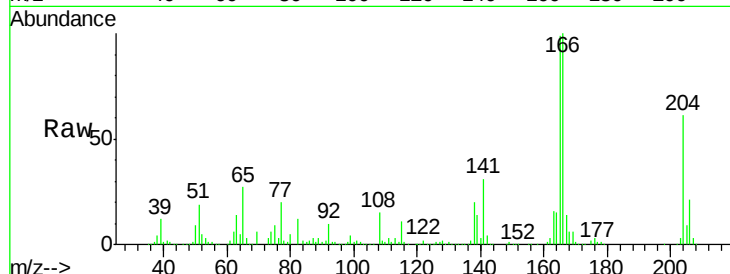
#61
4-Chlorophenyl-phenylether
Concen: 32.388 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	369027		
206	35.0	28.6	42.8	
141	51.2	42.9	64.3	

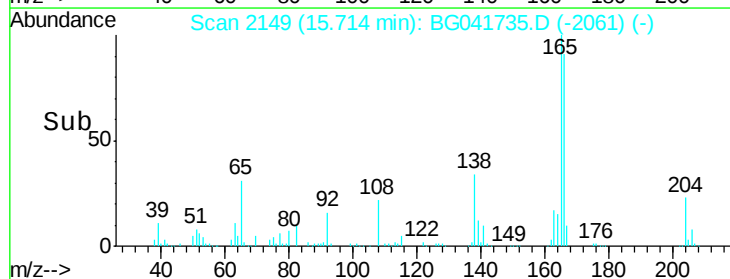
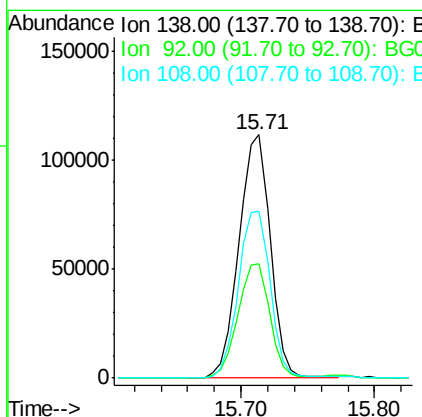
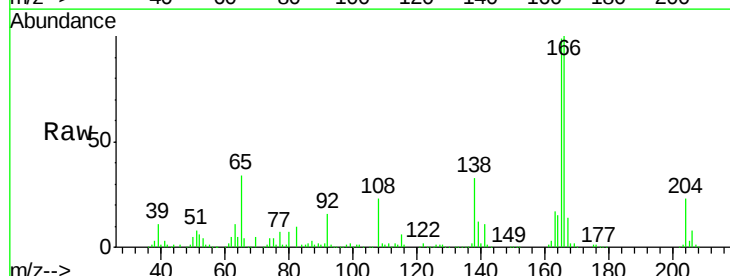
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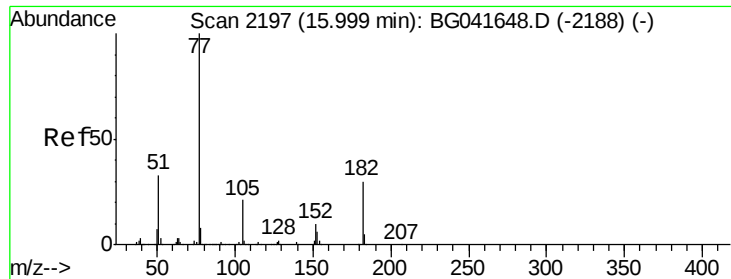
mohammad
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#62
4-Nitroaniline
Concen: 35.197 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	182436		
92	47.0	29.8	69.8	
108	68.8	52.2	92.2	





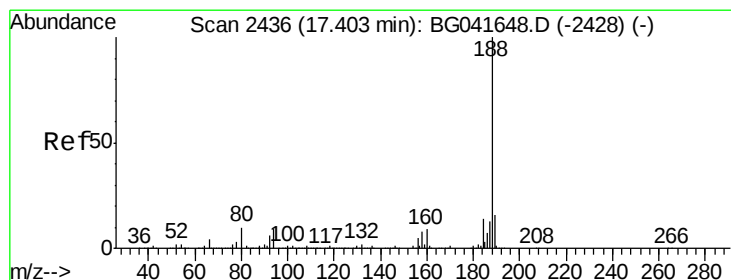
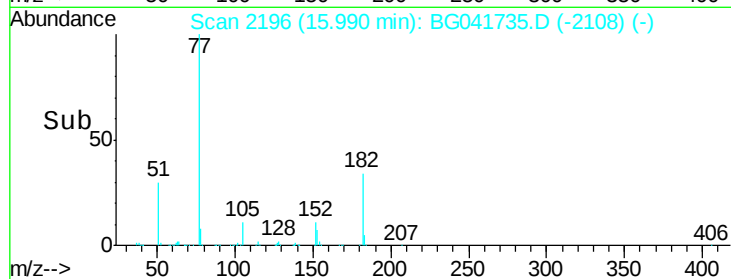
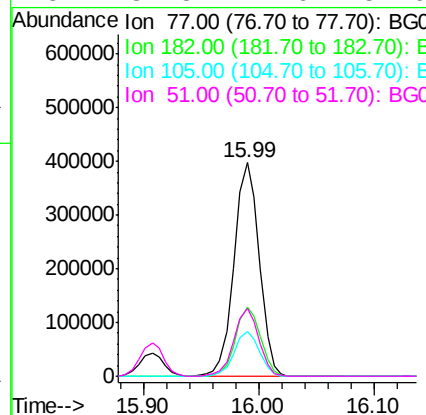
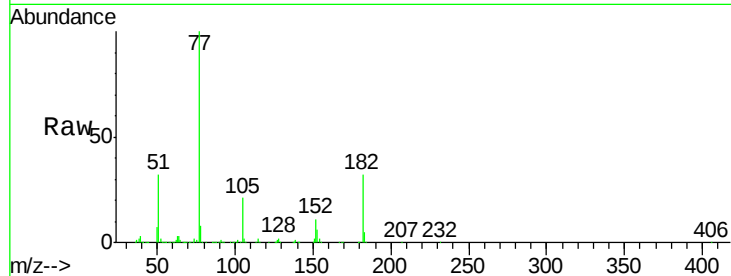
#63
Azobenzene
Concen: 31.227 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		600324		
182	32.2	13.2	53.2		
105	21.0	2.2	42.2		
51	31.8	14.6	54.6		

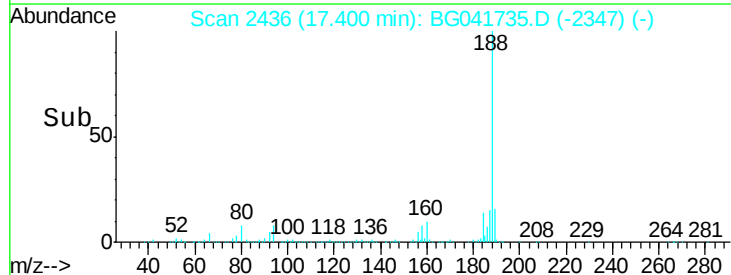
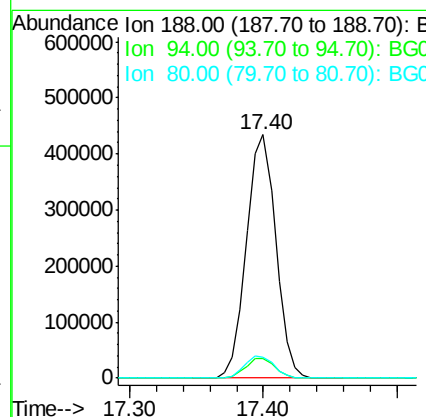
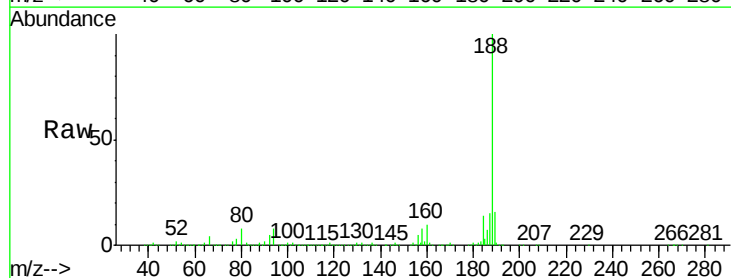
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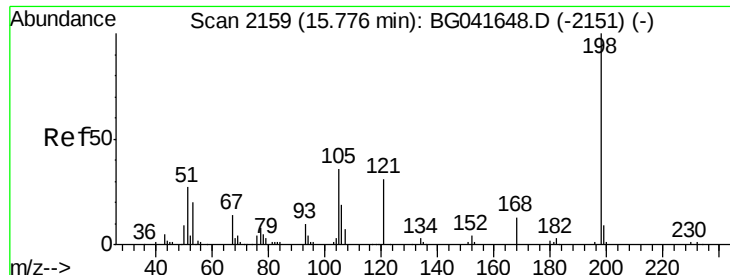
mohammad
7/22/2019 10:00:54 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		659134		
94	8.1	6.9	10.3		
80	8.4	8.0	12.0		





#65

4,6-Dinitro-2-methylphenol

Concen: 32.172 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

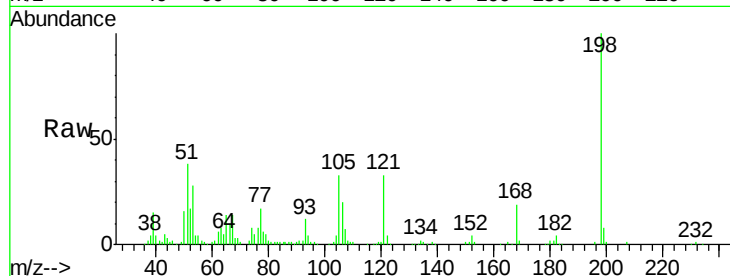
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

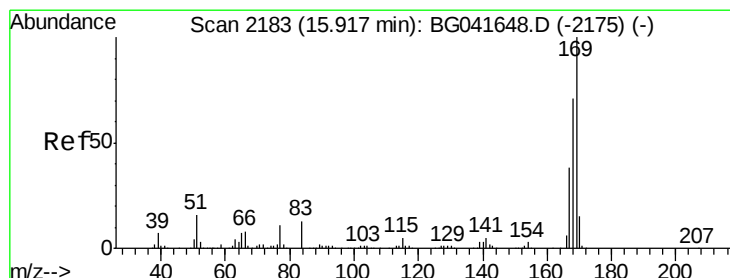
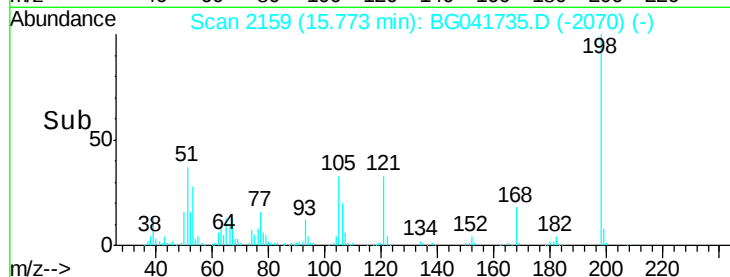
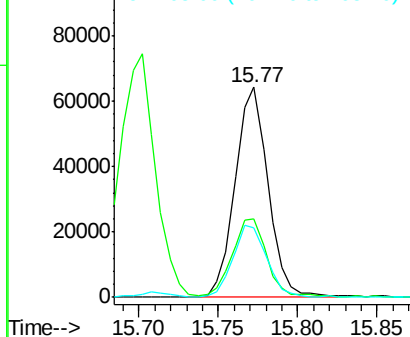
Tot Ion:	198	Resp:	92670
Ion Ratio	Lower	Upper	
198	100		
51	37.7	22.3	62.3
105	33.4	18.0	58.0

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.338 ng

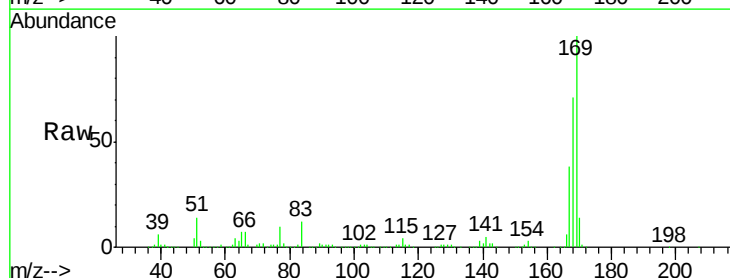
RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

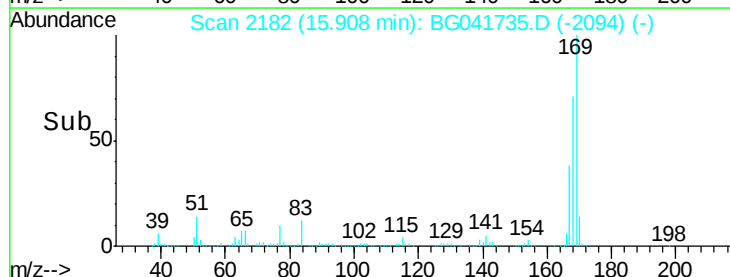
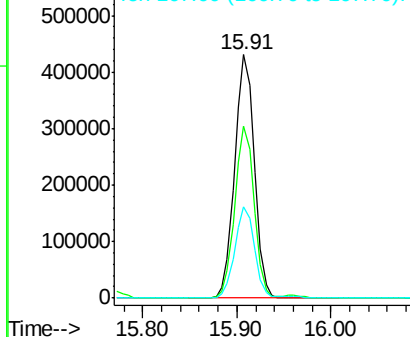
Lab File: BG041735.D

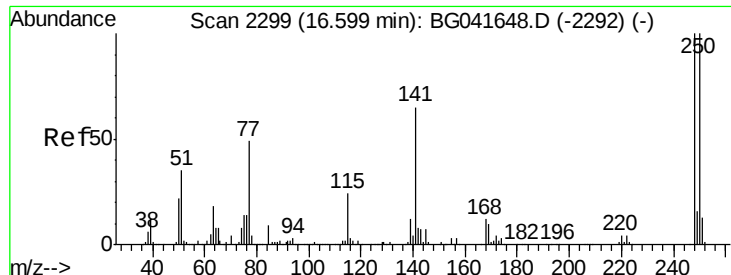
Acq: 19 Jul 2019 15:03

Tgt Ion:	169	Resp:	625956
Ion Ratio	Lower	Upper	
169	100		
168	70.7	56.9	85.3
167	37.6	31.5	47.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





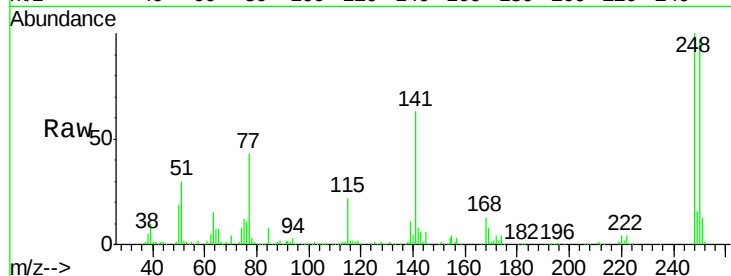
#67
4-Bromophenyl-phenylether
Concen: 32.142 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	252085		
250	96.6		78.1	117.1
141	63.0		49.6	74.4

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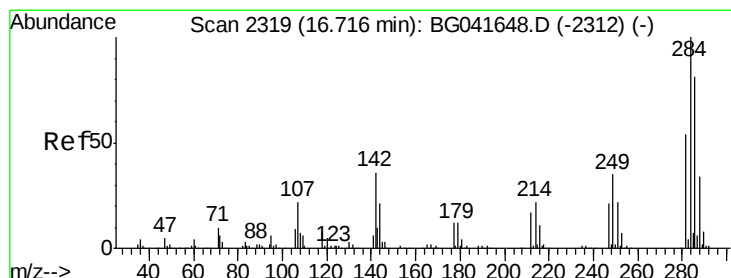
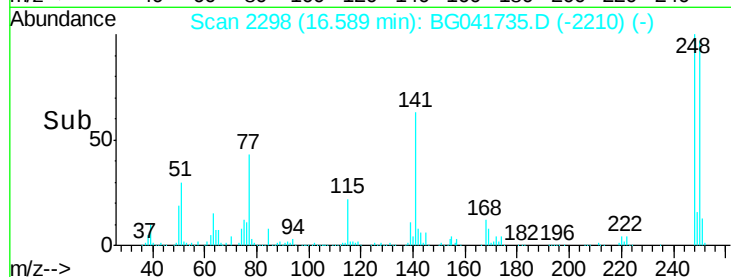
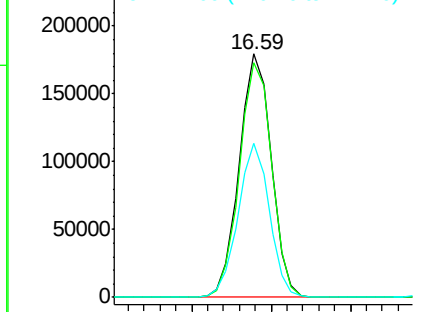


Abundance

Ion 248.00 (247.70 to 248.70): E

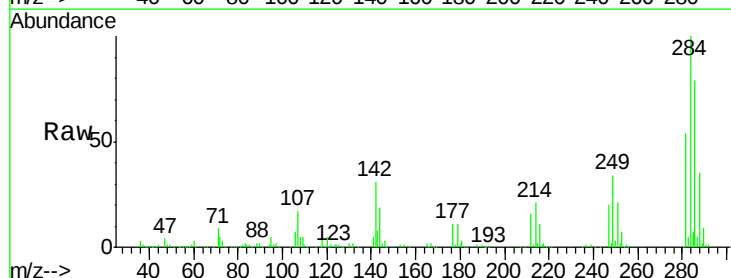
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 32.127 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	253729		
142	30.7		27.0	40.6
249	34.0		28.4	42.6

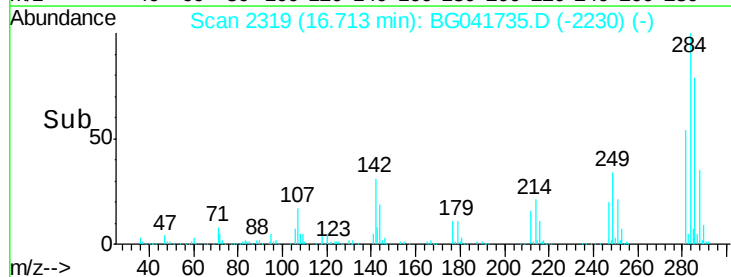
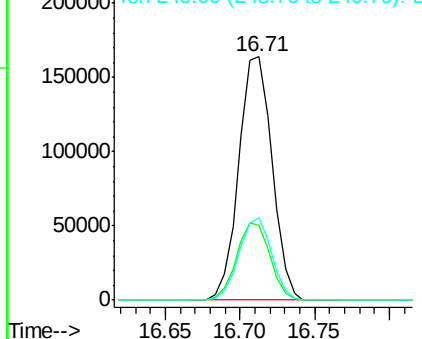


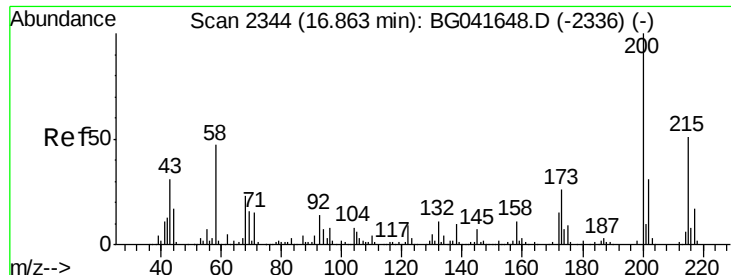
Abundance

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





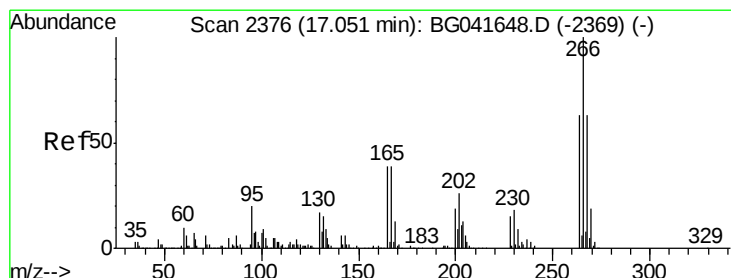
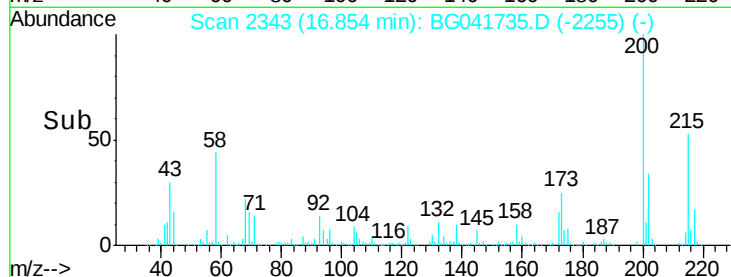
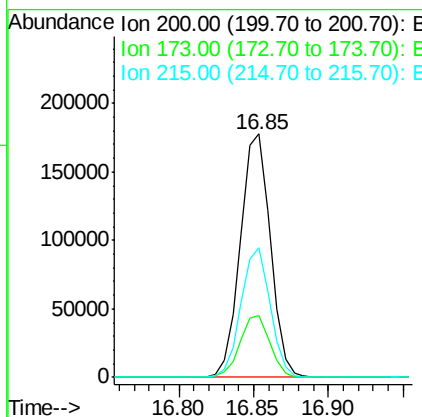
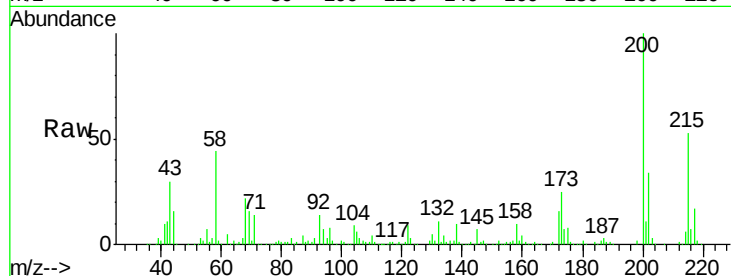
#69
 Atrazine
 Concen: 35.249 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.3	45.3
215	53.2	31.8	71.8

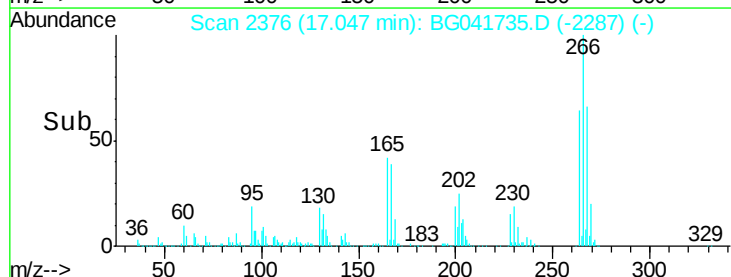
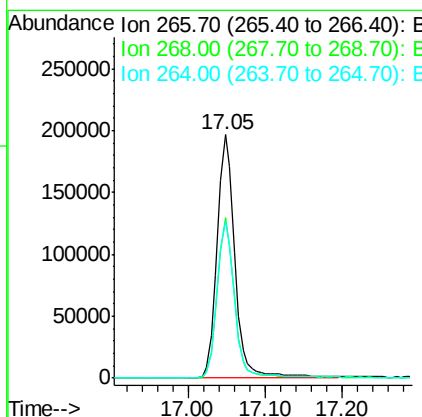
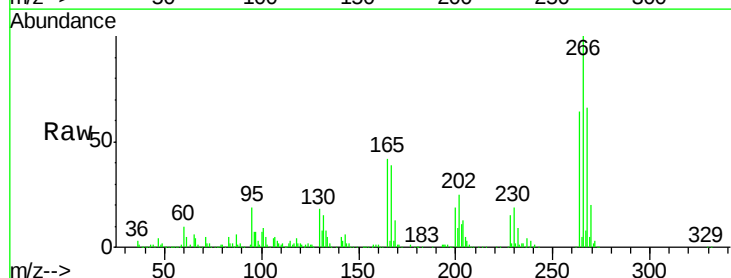
Manual Integrations
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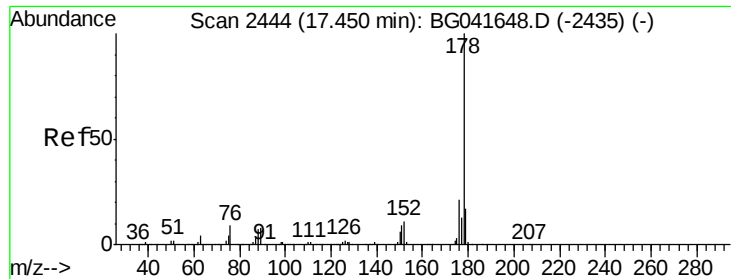
mohammad
 7/22/2019 10:00:54 AM



#70
 Pentachlorophenol
 Concen: 64.009 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.9	79.3
264	64.2	51.4	77.2





#71

Phenanthrene

Concen: 33.230 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:178 Resp: 1103042

Ion Ratio Lower Upper

178 100

176 21.4 18.6 28.0

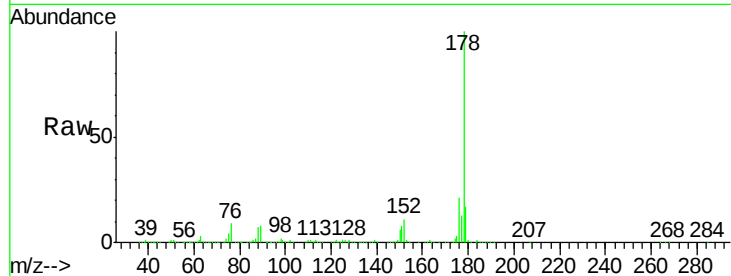
179 17.3 15.4 23.0

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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

1000000

800000

600000

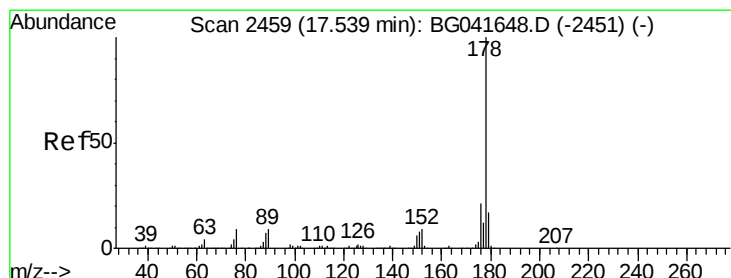
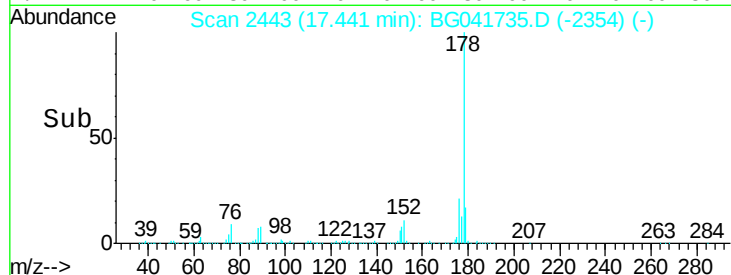
400000

200000

0

17.35 17.40 17.45 17.50

Time-->



#72

Anthracene

Concen: 34.075 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

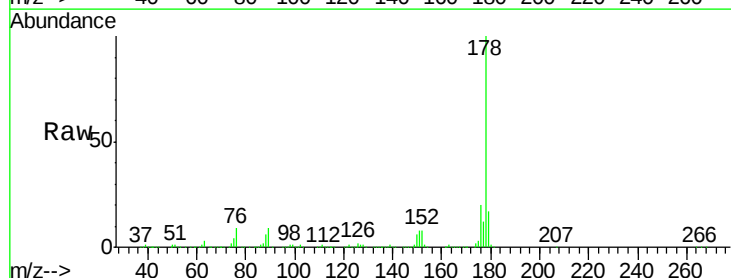
Tgt Ion:178 Resp: 1127454

Ion Ratio Lower Upper

178 100

176 20.4 18.6 28.0

179 17.5 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

1000000

800000

600000

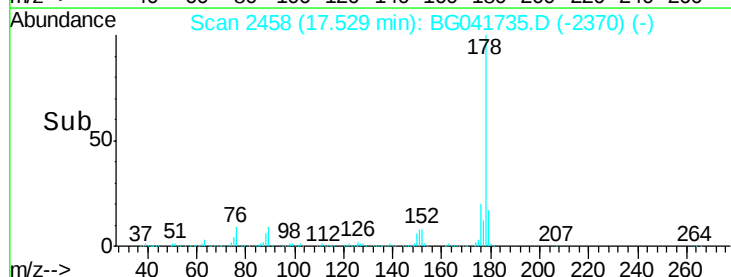
400000

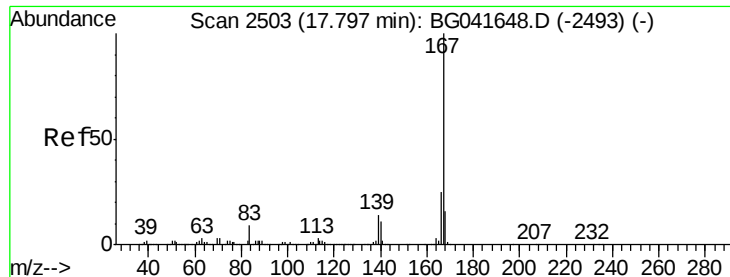
200000

0

17.50 17.60

Time-->





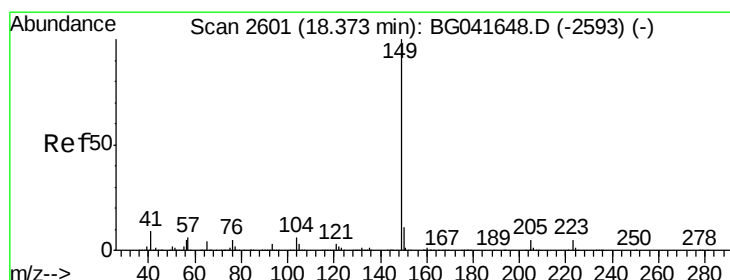
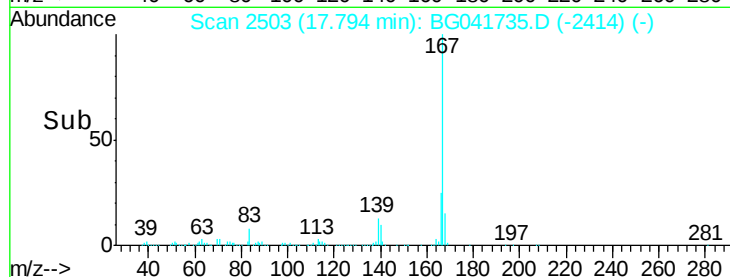
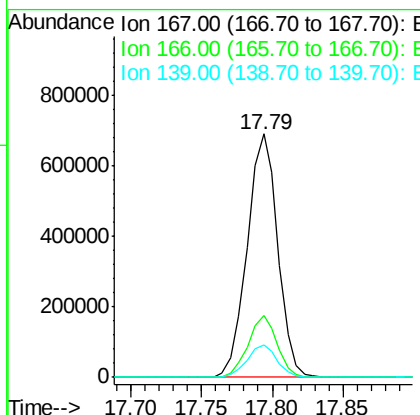
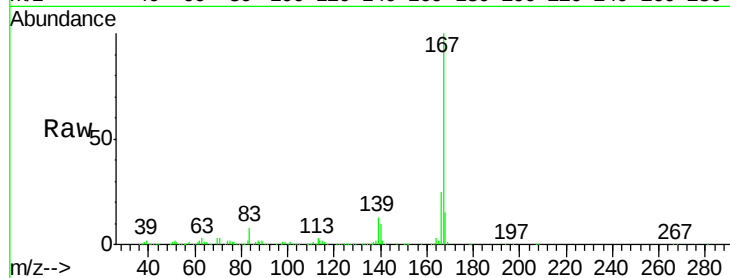
#73
 Carbazole
 Concen: 34.208 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	21.4	32.2
139	13.4	12.1	18.1

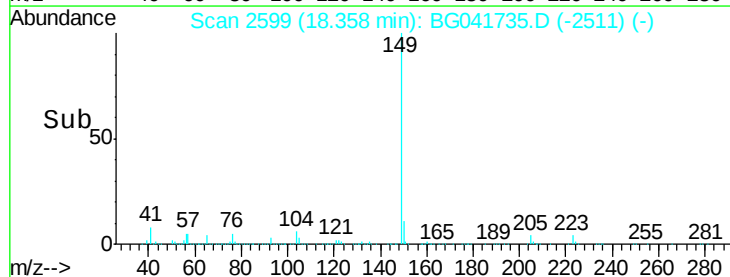
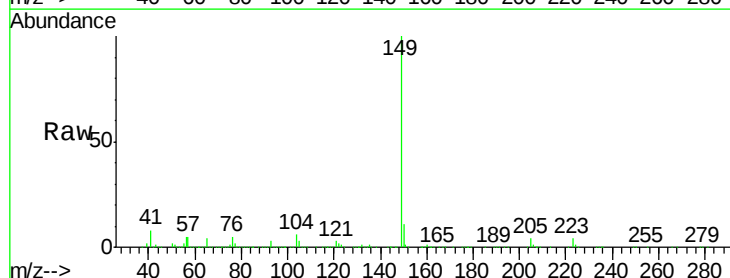
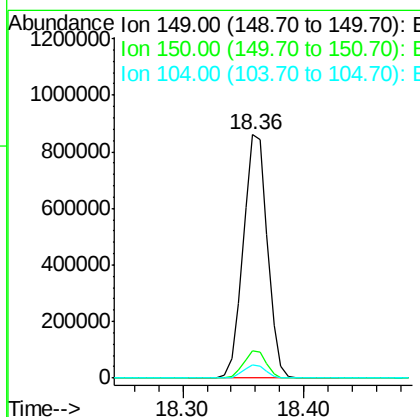
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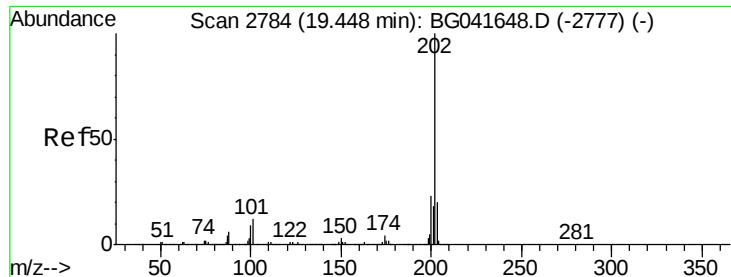
mohammad
 7/22/2019 10:00:54 AM



#74
 Di-n-butylphthalate
 Concen: 32.025 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.1	10.2	15.2
104	5.5	5.3	7.9





#75

Fluoranthene

Concen: 33.659 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

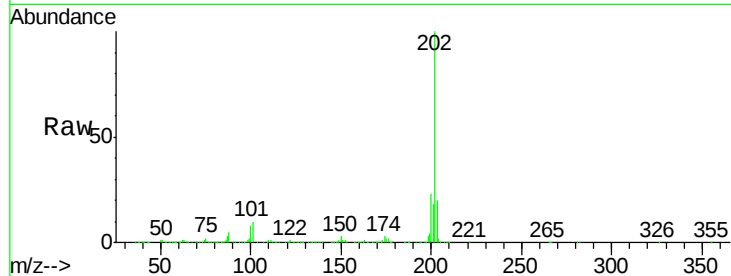
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

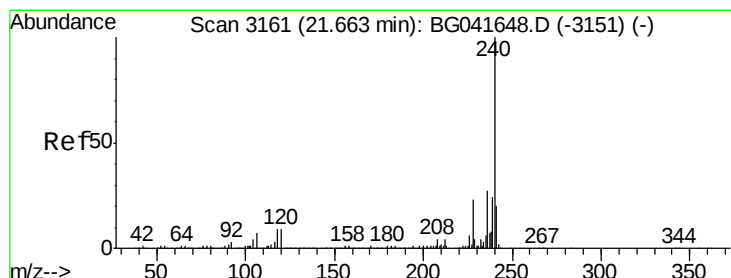
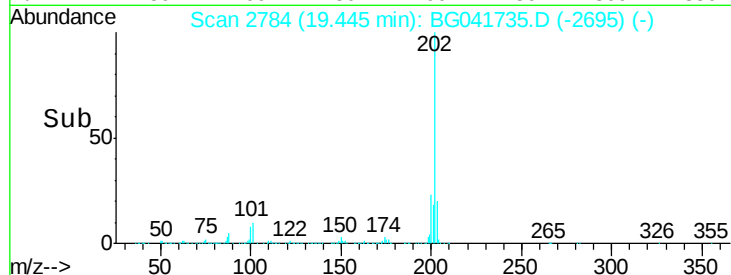
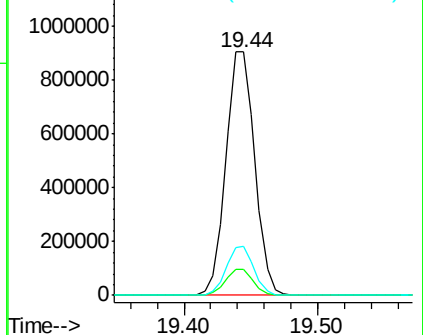
Tot Ion:	202	Resp:	1371930
Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.8
203	20.3	3.7	43.7

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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

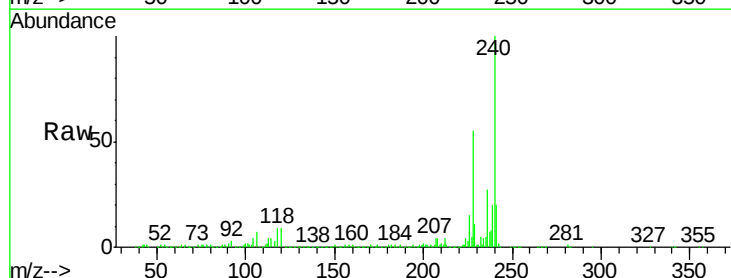
RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

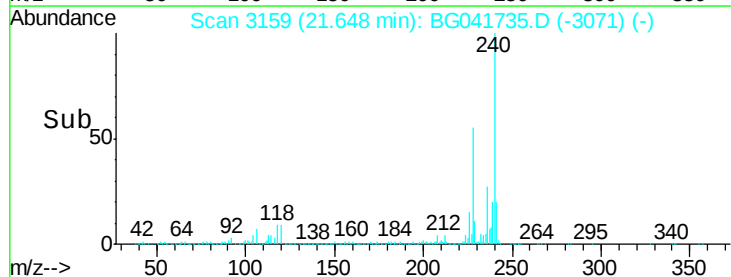
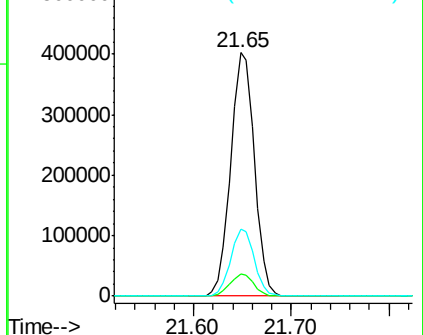
Lab File: BG041735.D

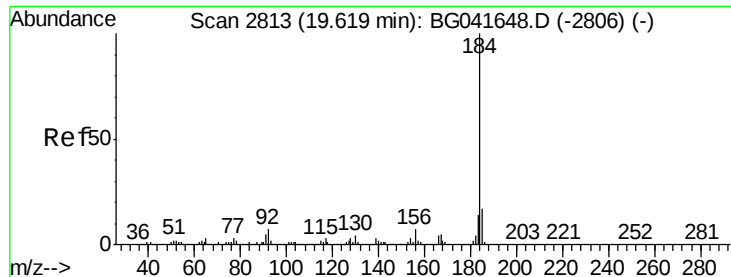
Acq: 19 Jul 2019 15:03

Tgt Ion:	240	Resp:	678377
Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.0	12.0
236	27.4	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: 18.850 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

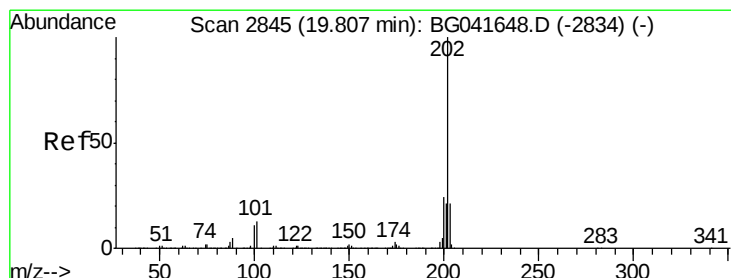
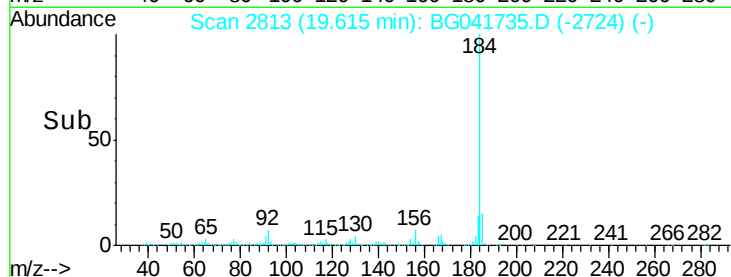
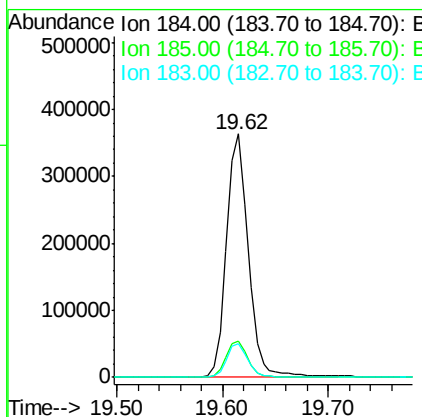
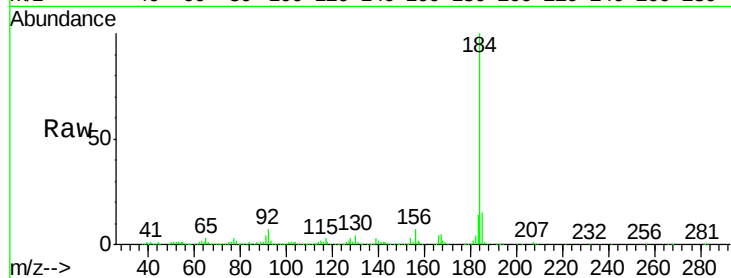
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	184	Resp:	522633
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.0	19.4
183	13.9	11.8	17.6

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#78

Pyrene

Concen: 30.013 ng

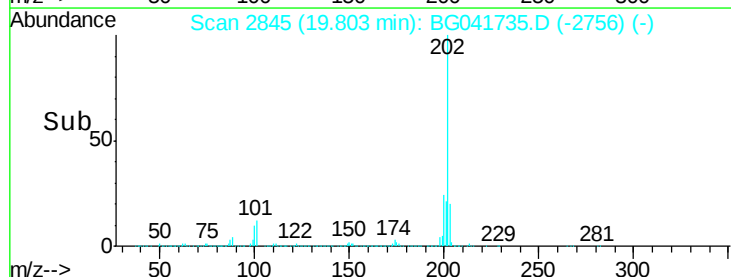
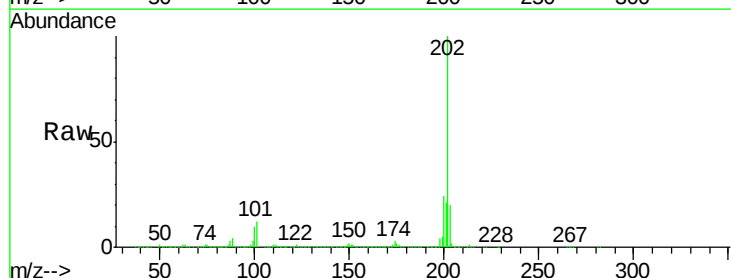
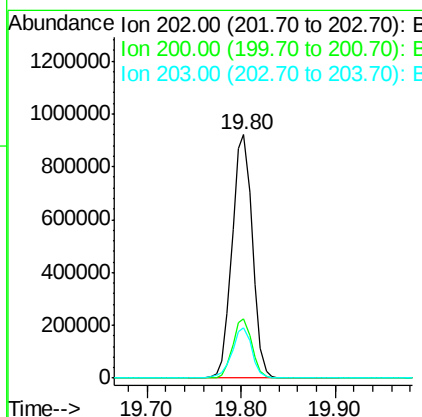
RT: 19.80 min Scan# 2845

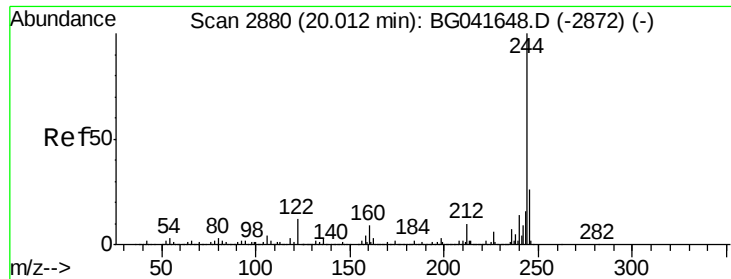
Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion:	202	Resp:	1377037
Ion Ratio	Lower	Upper	
202	100		
200	24.4	22.2	33.2
203	20.4	18.9	28.3





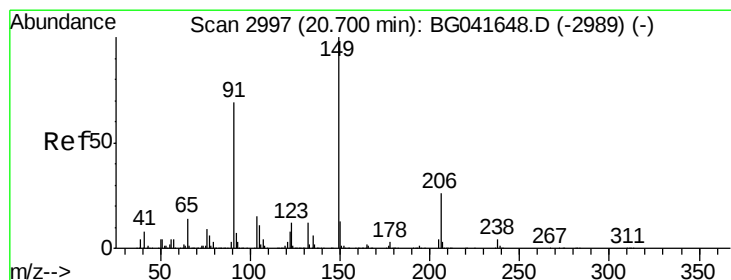
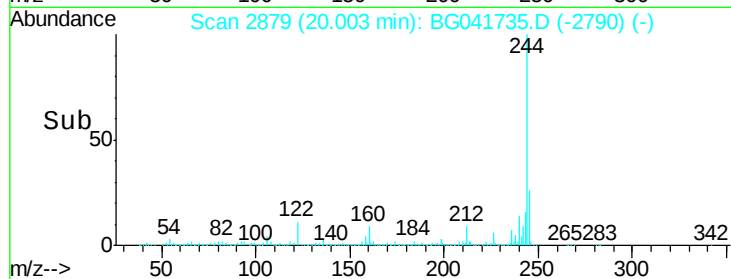
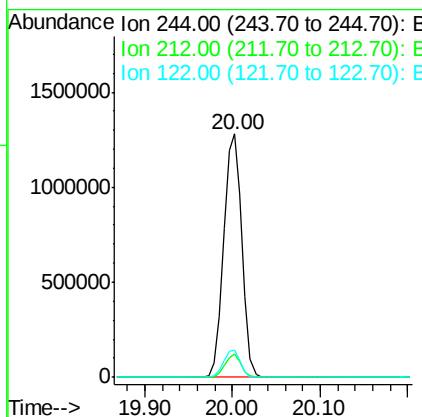
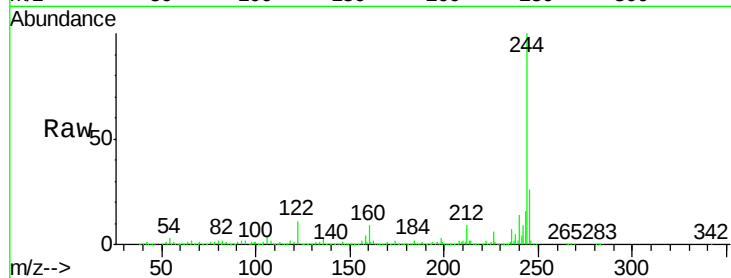
#79
 Terphenyl-d14
 Concen: 63.055 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.4	9.7	14.5#
122	11.2	12.5	18.7#

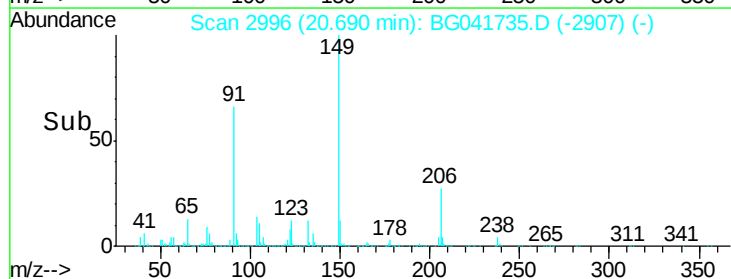
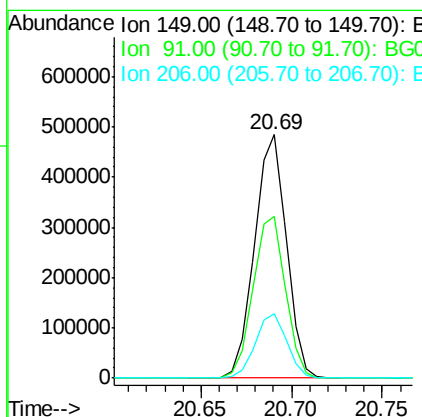
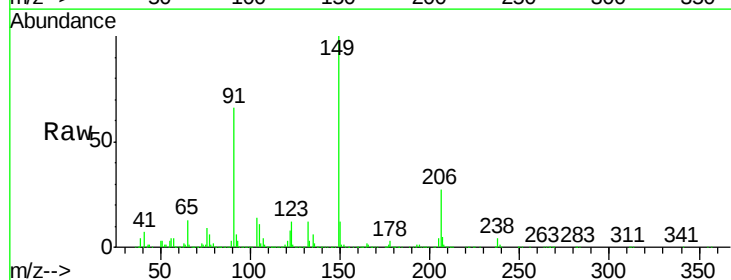
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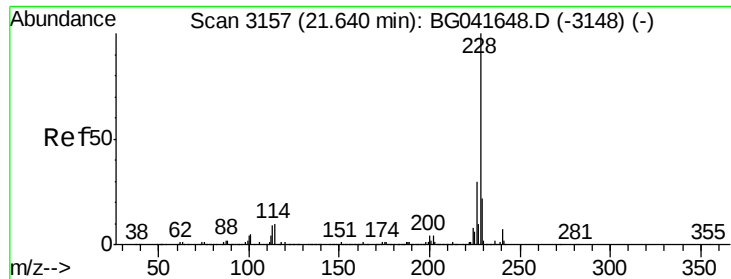
mohammad
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#80
 Butylbenzylphthalate
 Concen: 31.034 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BG041735.D
 Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.3	58.9	88.3
206	26.6	20.8	31.2





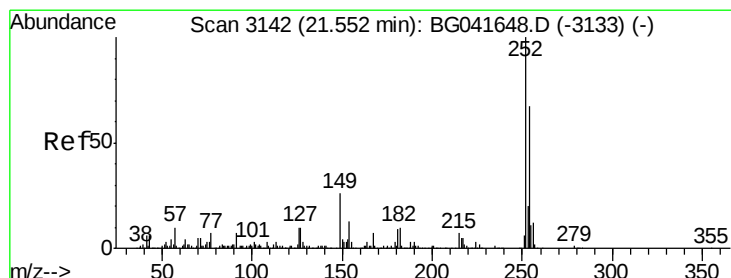
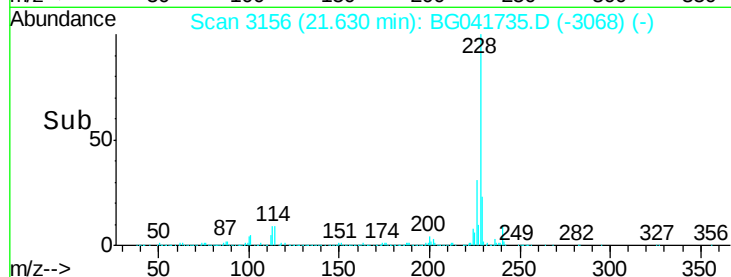
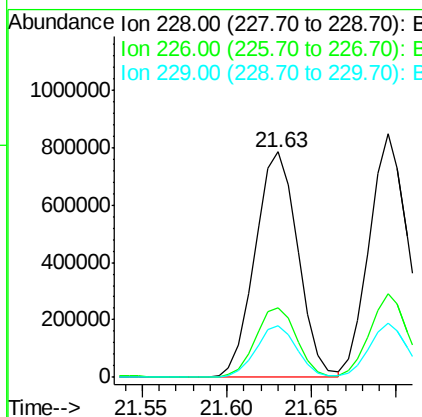
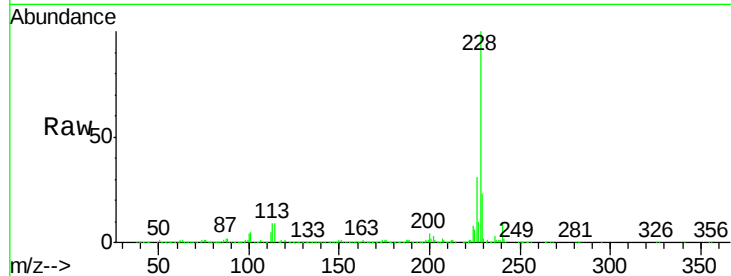
#81
Benzo(a)anthracene
Concen: 31.642 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	27.3	40.9
229	23.0	19.7	29.5

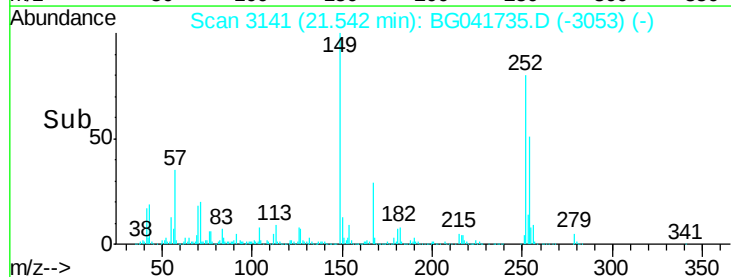
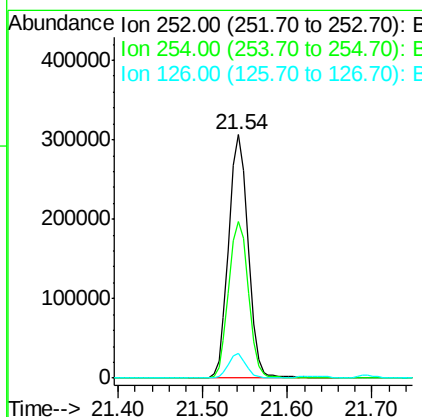
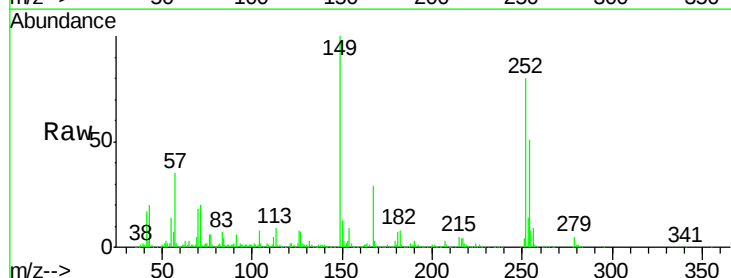
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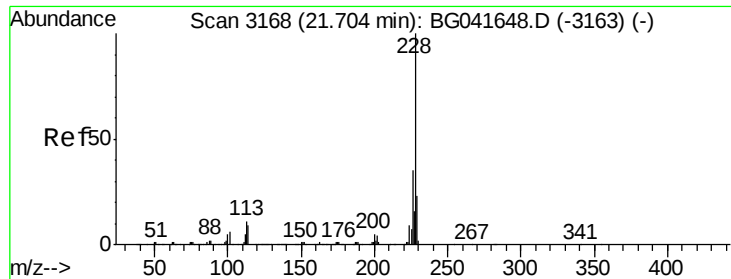
mohammad
7/22/2019 10:00:54 AM



#82
3,3'-Dichlorobenzidine
Concen: 28.204 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.8	80.6
126	10.0	7.8	11.8





#83

Chrysene

Concen: 32.079 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:228 Resp: 1343512

Ion Ratio Lower Upper

228 100

226 34.4 30.1 45.1

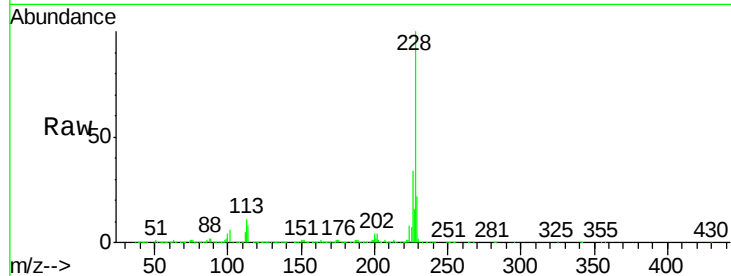
229 22.4 19.8 29.6

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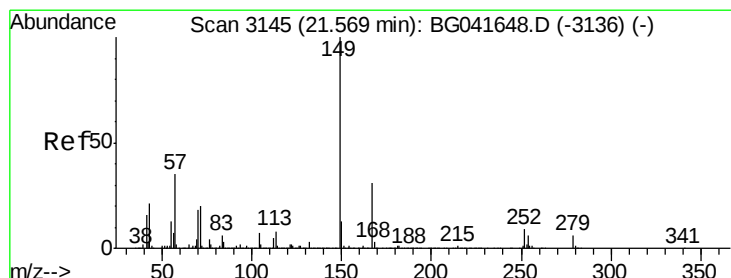
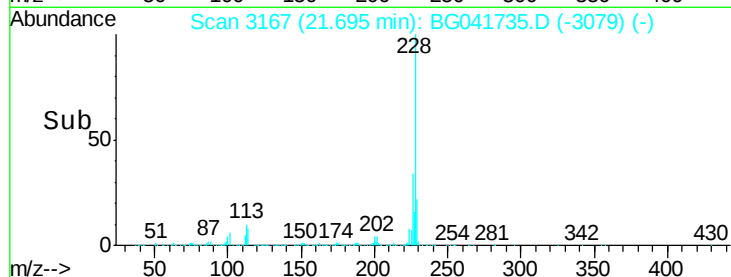
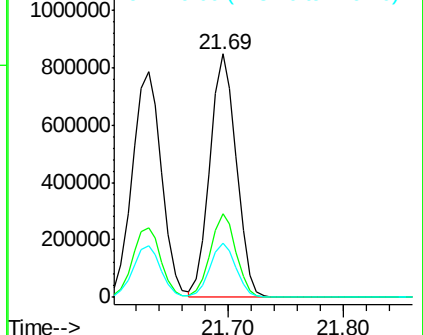
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 31.273 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.02 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

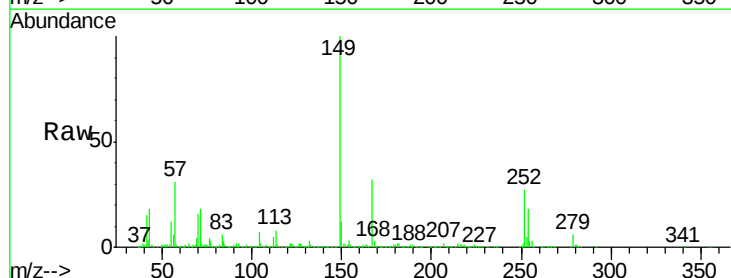
Tgt Ion:149 Resp: 841835

Ion Ratio Lower Upper

149 100

167 31.9 27.0 40.4

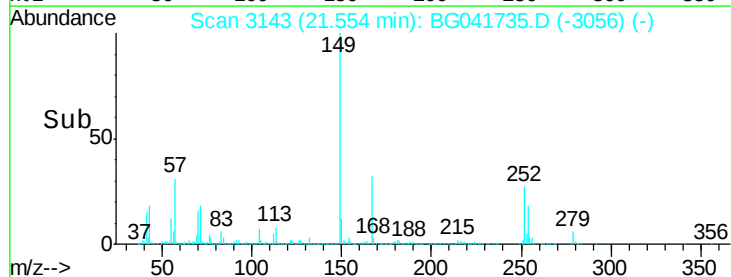
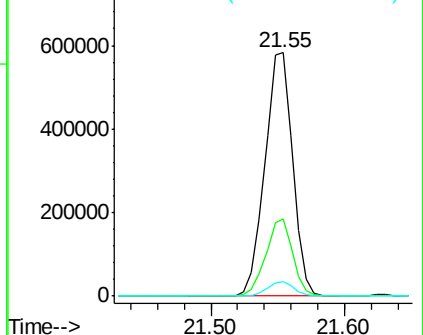
279 6.2 5.0 7.6

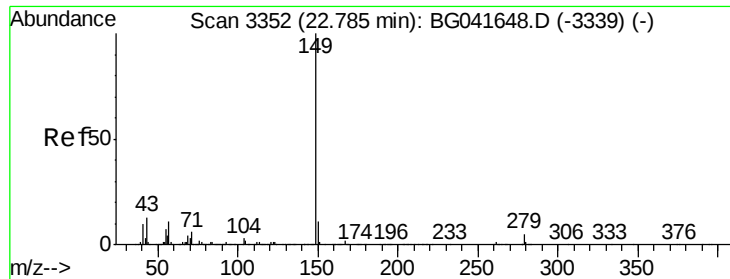


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 32.234 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.03 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:149 Resp: 1477661

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

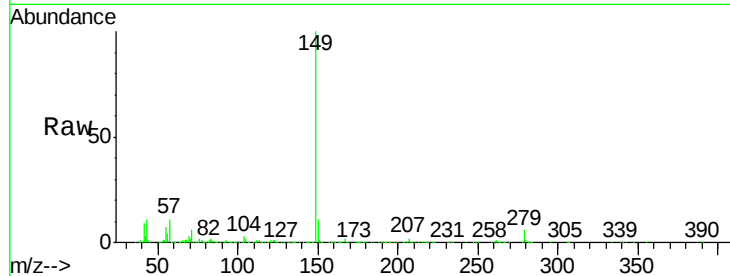
43 10.9 10.6 16.0

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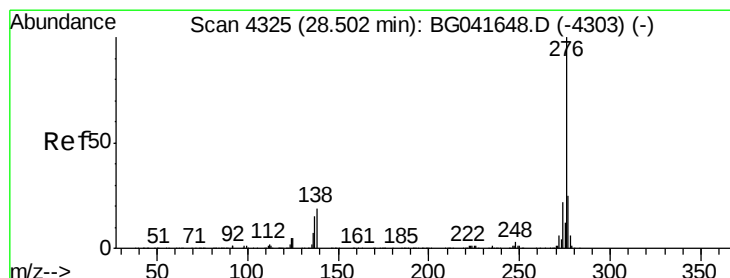
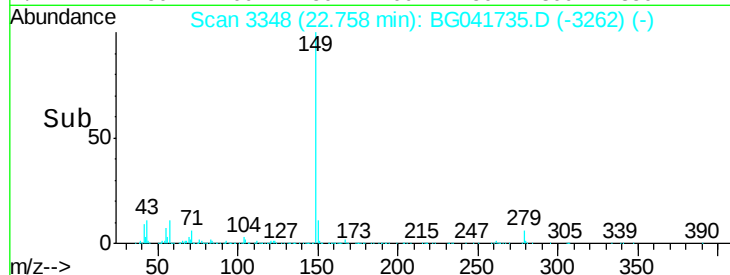
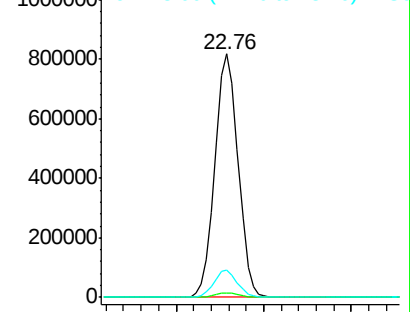
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.501 ng

RT: 28.48 min Scan# 4321

Delta R.T. -0.05 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

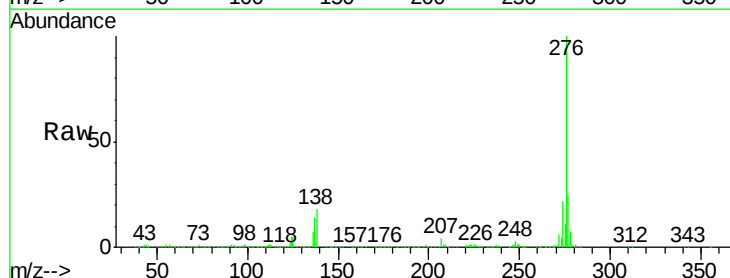
Tgt Ion:276 Resp: 1796036

Ion Ratio Lower Upper

276 100

138 15.1 19.4 29.0#

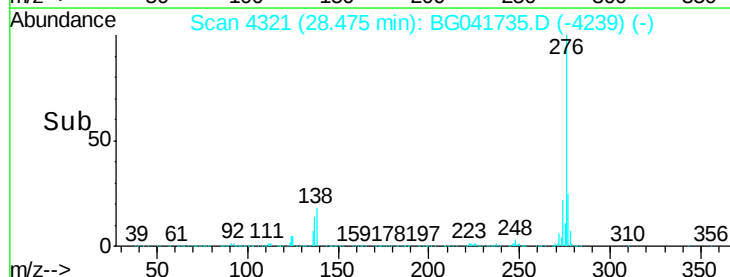
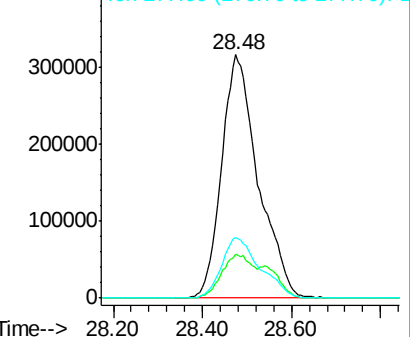
277 26.4 21.2 31.8

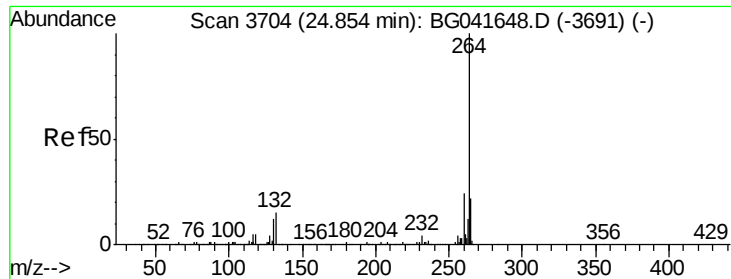


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.84 min Scan# 3703

Delta R.T. -0.02 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Instrument :

BNA_G

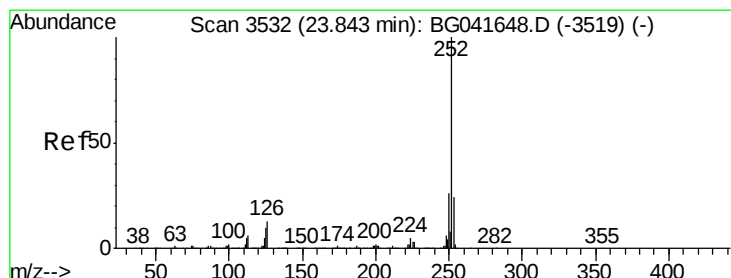
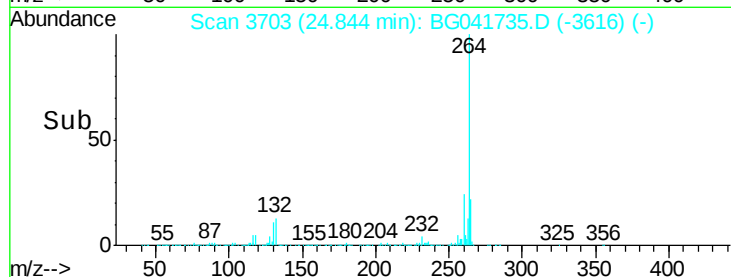
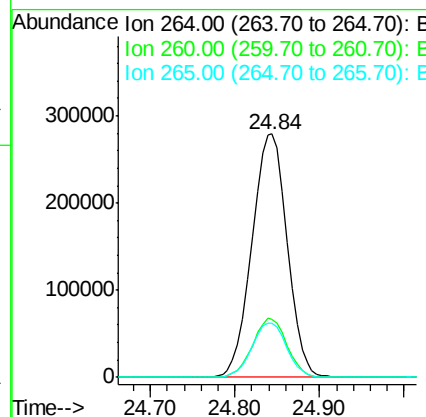
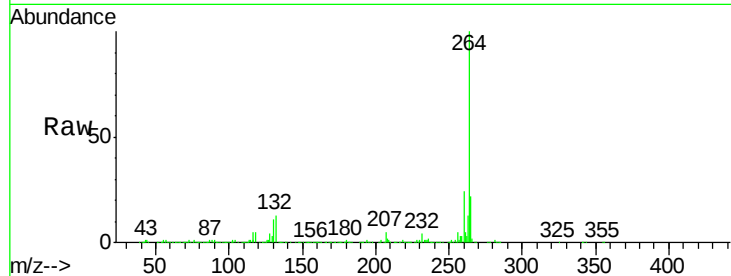
ClientSampleId :

FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion:	264	Resp:	810448
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.5	29.3
265	22.0	18.0	27.0

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#88

Benzo(b)fluoranthene

Concen: 31.424 ng

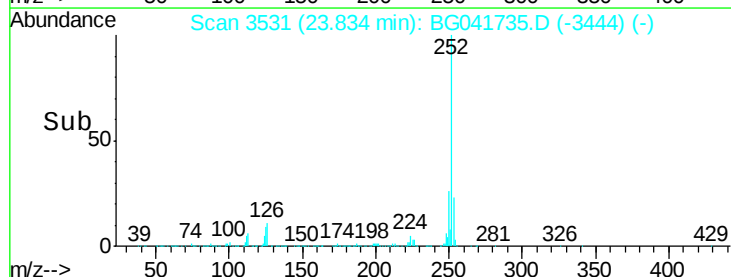
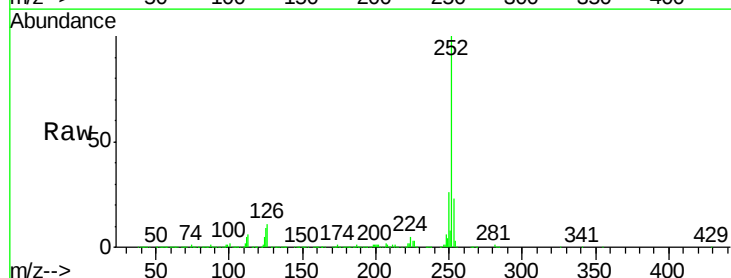
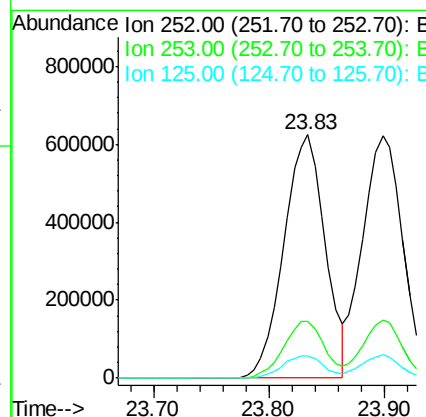
RT: 23.83 min Scan# 3531

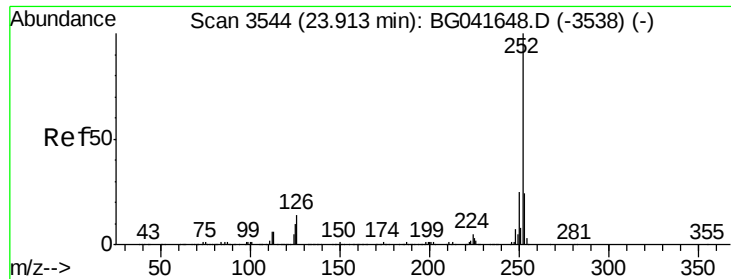
Delta R.T. -0.02 min

Lab File: BG041735.D

Acq: 19 Jul 2019 15:03

Tgt Ion:	252	Resp:	1544808
Ion Ratio	Lower	Upper	
252	100		
253	23.2	20.6	30.8
125	9.3	8.0	12.0





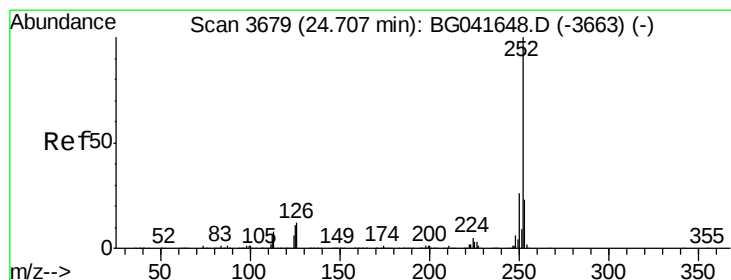
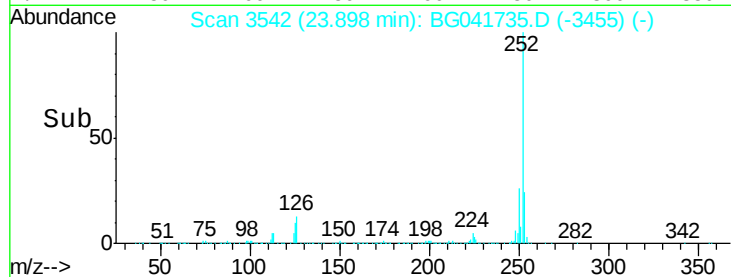
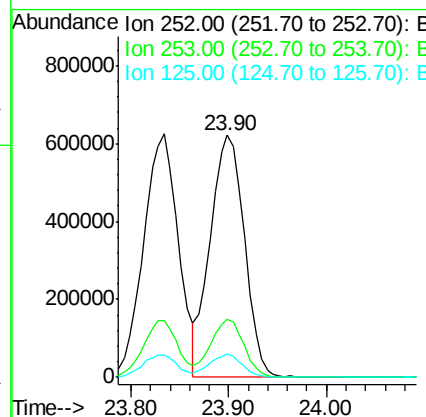
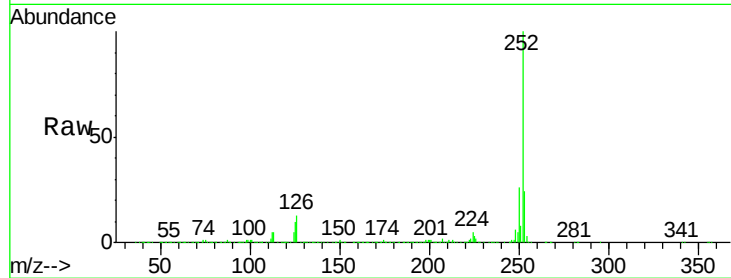
#89
Benzo(k)fluoranthene
Concen: 33.019 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.02 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.5	30.7
125	9.6	8.4	12.6

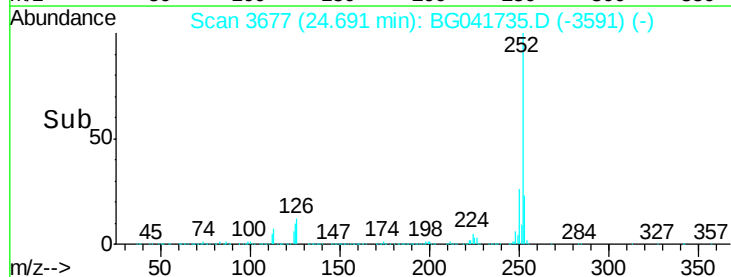
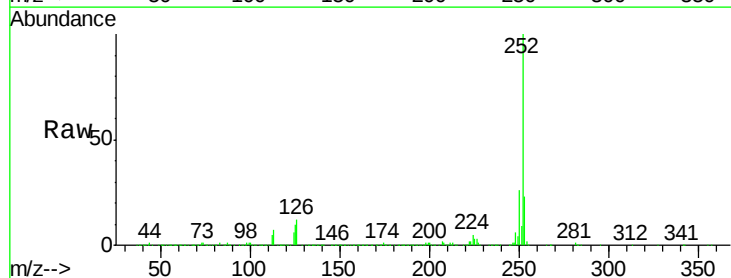
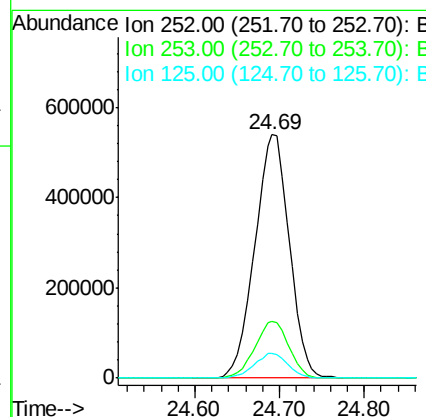
Manual Integrations
APPROVED

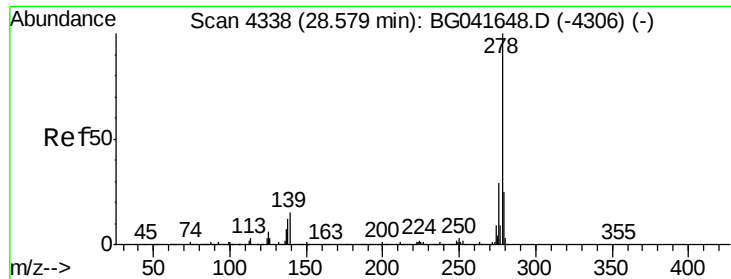
mohammad
7/22/2019 10:00:54 AM



#90
Benzo(a)pyrene
Concen: 32.966 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.03 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.8	29.8
125	10.4	8.8	13.2





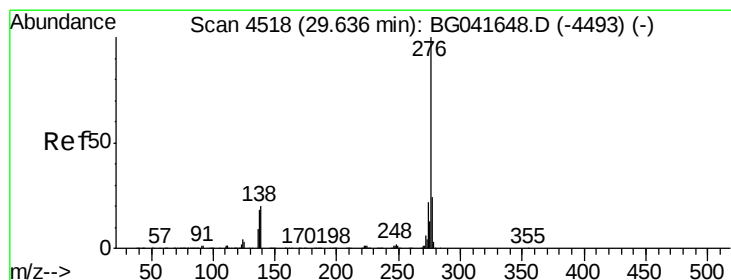
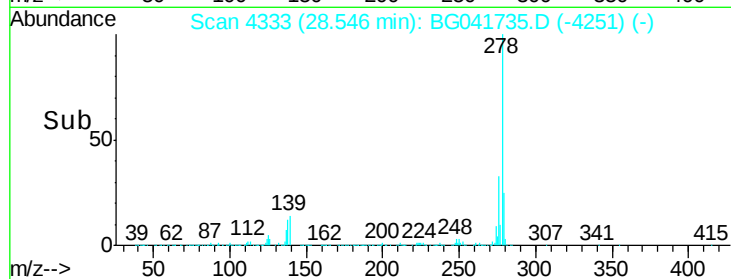
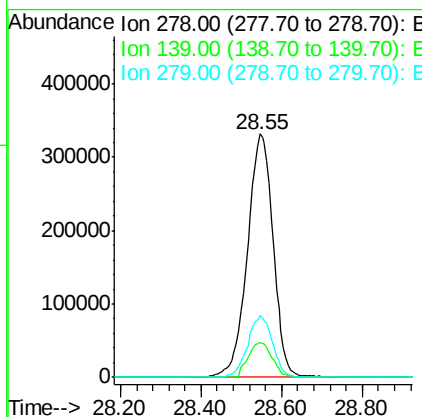
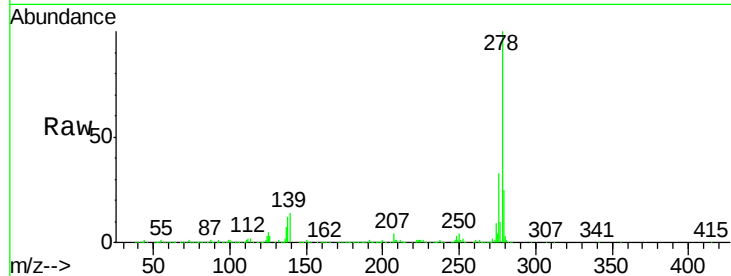
#91
Dibenzo(a,h)anthracene
Concen: 32.707 ng
RT: 28.55 min Scan# 4333
Delta R.T. -0.05 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.6	19.0
279	25.5	20.5	30.7

Manual Integrations
APPROVED

mohammad
7/22/2019 10:00:54 AM



#92
Benzo(g,h,i)perylene
Concen: 32.917 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.04 min
Lab File: BG041735.D
Acq: 19 Jul 2019 15:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.8	29.8
138	19.2	16.6	25.0

