

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
 Data File : BG041824.D
 Acq On : 31 Jul 2019 5:31
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 8/1/2019 5:05:19 PM

Quant Time: Jul 31 07:37:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	82127	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	316397	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	217975	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	538576	20.00	ng	0.00
76) Chrysene-d12	21.74	240	638371	20.00	ng	0.00
87) Perylene-d12	25.01	264	760055	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	349334	82.76	ng	0.00
7) Phenol-d6	7.19	99	454035	79.78	ng	0.00
23) Nitrobenzene-d5	9.21	82	394970	85.91	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	231664	93.57	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1027128	83.11	ng	0.00
79) Terphenyl-d14	20.06	244	2008853	72.01	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.47	88	81747	41.146	ng	89
3) Pyridine	3.87	79	221081	40.579	ng	91
4) n-Nitrosodimethylamine	3.78	42	84479	39.115	ng	91
6) Aniline	7.36	93	303855	37.920	ng	95
8) 2-Chlorophenol	7.60	128	193453	40.023	ng	95
9) Benzaldehyde	7.17	77	143502	35.837	ng	94
10) Phenol	7.22	94	229750	38.807	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	182430	37.482	ng	91
12) 1,3-Dichlorobenzene	7.94	146	249801	39.597	ng	98
13) 1,4-Dichlorobenzene	8.08	146	251446	39.834	ng	96
14) 1,2-Dichlorobenzene	8.41	146	235517	39.101	ng	94
15) Benzyl Alcohol	8.28	79	164450	36.732	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	302276	34.908	ng	99
17) 2-Methylphenol	8.48	107	162619	37.769	ng	98
18) Hexachloroethane	9.14	117	84715	39.190	ng	86
19) n-Nitroso-di-n-propylamine	8.85	70	141550	34.261	ng	91
20) 3+4-Methylphenols	8.81	107	222165	37.706	ng	98
22) Acetophenone	8.87	105	277135	39.160	ng	# 92
24) Nitrobenzene	9.25	77	205551	42.437	ng	97
25) Isophorone	9.78	82	376058	37.600	ng	98
26) 2-Nitrophenol	9.97	139	107822	47.963	ng	93
27) 2,4-Dimethylphenol	10.03	122	159188	40.122	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	238802	38.208	ng	100
29) 2,4-Dichlorophenol	10.51	162	206807	42.802	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	251903	41.113	ng	97
31) Naphthalene	10.92	128	583768	40.314	ng	96
32) Benzoic acid	10.12	122	43473m	21.277	ng	
33) 4-Chloroaniline	11.02	127	272702	39.711	ng	95
34) Hexachlorobutadiene	11.21	225	166788	40.334	ng	99
35) Caprolactam	11.78	113	77380	46.083	ng	# 80
36) 4-Chloro-3-methylphenol	12.14	107	199747	41.699	ng	99
37) 2-Methylnaphthalene	12.53	142	451415	39.384	ng	99
38) 1-Methylnaphthalene	12.75	142	423063	38.948	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	281114	40.742	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
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Instrument :
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 SSTDC0040EC

Manual Integrations
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mohammad
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 QLast Update : Tue Jul 30 07:53:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	167101	43.075	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	190075	43.585	nq	99
44) 2,4,5-Trichlorophenol	13.20	196	201315	44.422	nq	95
46) 1,1'-Biphenyl	13.53	154	566193	40.408	nq	97
47) 2-Chloronaphthalene	13.58	162	485920	40.732	nq	95
48) 2-Nitroaniline	13.77	65	142022	46.939	nq	88
49) Acenaphthylene	14.42	152	735223	41.200	nq	97
50) Dimethylphthalate	14.15	163	620510	41.682	nq	98
51) 2,6-Dinitrotoluene	14.26	165	145674	46.798	nq	86
52) Acenaphthene	14.76	154	470531	40.541	nq	98
53) 3-Nitroaniline	14.59	138	158170	47.496	nq	94
54) 2,4-Dinitrophenol	14.79	184	56131	37.863	nq	88
55) Dibenzofuran	15.10	168	741888	41.791	nq	95
56) 4-Nitrophenol	14.89	139	129411	51.194	nq	91
57) 2,4-Dinitrotoluene	15.05	165	209734	48.994	nq	91
58) Fluorene	15.75	166	600179	42.128	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	200770	44.731	nq	# 92
60) Diethylphthalate	15.51	149	623121	42.635	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	352665	40.549	nq	96
62) 4-Nitroaniline	15.76	138	186260	51.638	nq	96
63) Azobenzene	16.04	77	480304	40.230	nq	94
65) 4,6-Dinitro-2-methylphenol	15.82	198	100828	39.642	nq	89
66) n-Nitrosodiphenylamine	15.96	169	563011	38.377	nq	96
67) 4-Bromophenyl-phenylether	16.64	248	246860	37.210	nq	98
68) Hexachlorobenzene	16.76	284	265789	38.295	nq	93
69) Atrazine	16.90	200	242870	42.135	nq	99
70) Pentachlorophenol	17.10	266	141509	35.890	nq	99
71) Phenanthrene	17.49	178	1059194	41.029	nq	95
72) Anthracene	17.58	178	1060727	41.198	nq	95
73) Carbazole	17.85	167	1029544	44.552	nq	95
74) Di-n-butylphthalate	18.42	149	1179927	45.039	nq	# 96
75) Fluoranthene	19.50	202	1449069	46.179	nq	92
77) Benzidine	19.68	184	665021	31.916	nq	99
78) Pyrene	19.86	202	1454444	38.454	nq	94
80) Butylbenzylphthalate	20.76	149	618218	42.632	nq	88
81) Benzo(a)anthracene	21.71	228	1525098	40.380	nq	96
82) 3,3'-Dichlorobenzidine	21.62	252	643499	42.436	nq	97
83) Chrysene	21.78	228	1475742	40.762	nq	95
84) Bis(2-ethylhexyl)phthalate	21.63	149	855225	42.754	nq	97
85) Di-n-octyl phthalate	22.87	149	1466236	43.555	nq	# 91
86) Indeno(1,2,3-cd)pyrene	28.75	276	1944842	40.580	nq	# 83
88) Benzo(b)fluoranthene	23.97	252	1676517	40.322	nq	96
89) Benzo(k)fluoranthene	24.04	252	1623672	40.089	nq	# 95
90) Benzo(a)pyrene	24.85	252	1592385	39.933	nq	# 97
91) Dibenzo(a,h)anthracene	28.82	278	1560762	39.861	nq	96
92) Benzo(g,h,i)perylene	29.92	276	1562279	39.936	nq	96

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



#1

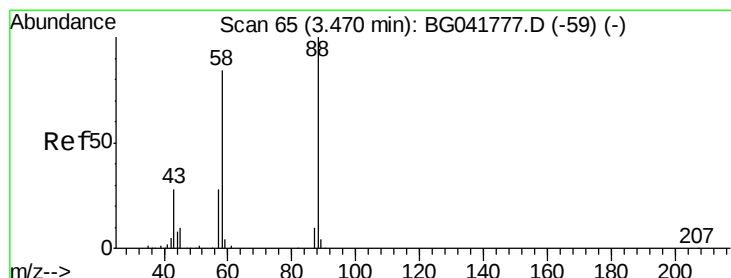
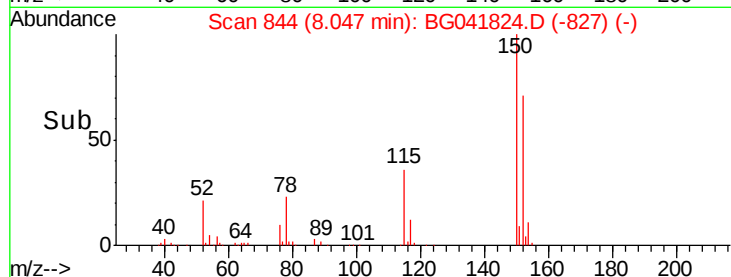
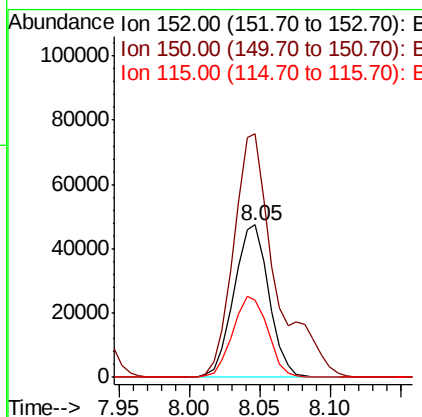
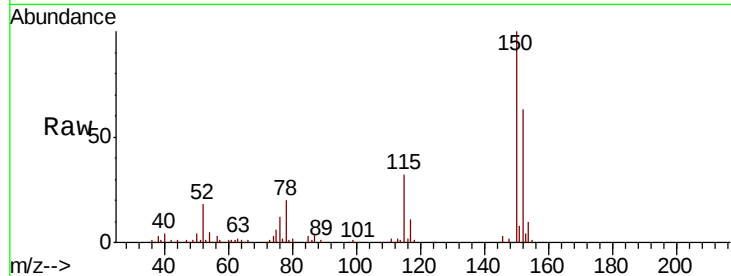
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	126.9	190.3
115	50.3	45.0	67.6

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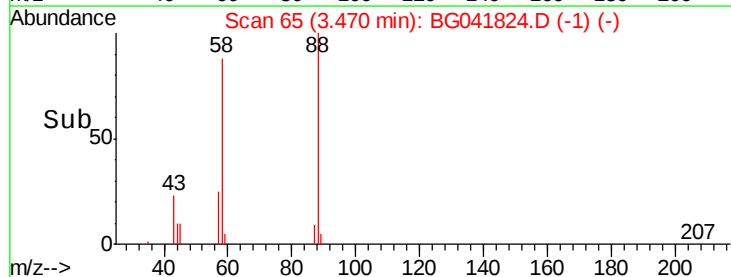
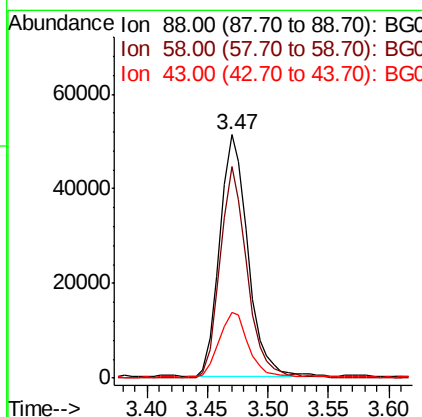
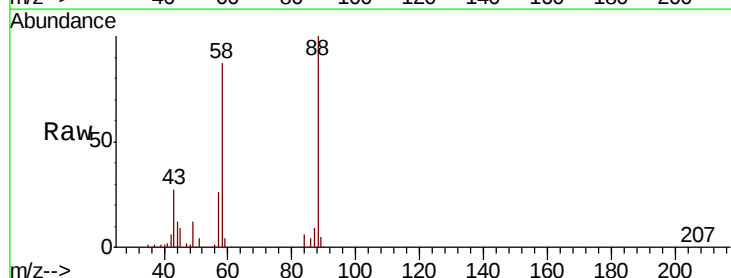
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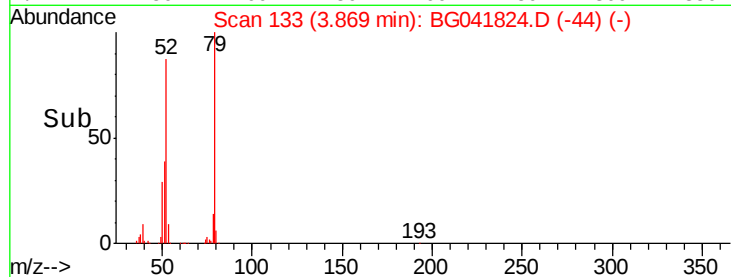
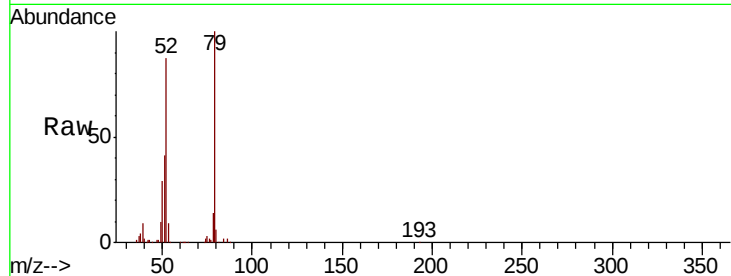


#2

1,4-Dioxane
Concen: 41.146 ng
RT: 3.47 min Scan# 65
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.9	76.2	114.2
43	28.1	27.2	40.8





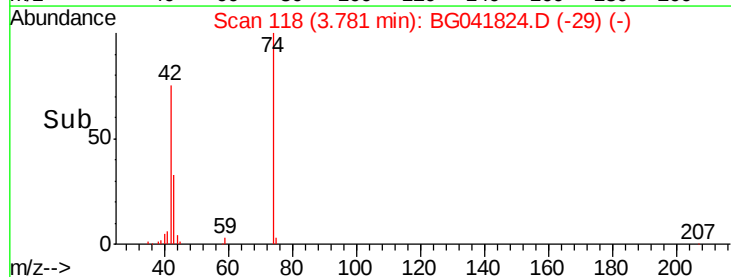
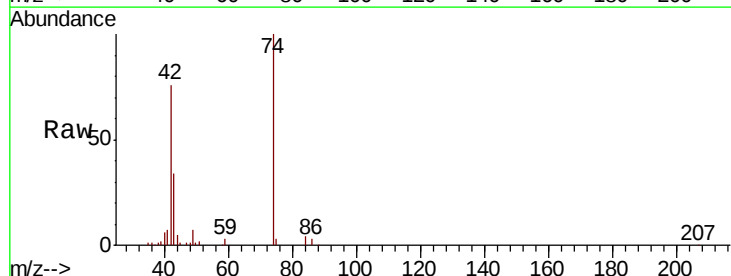
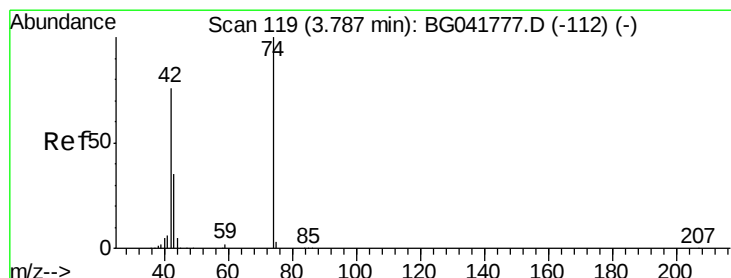
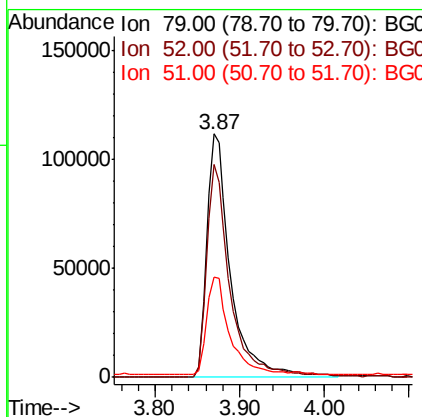
#3
Pvridine
Concen: 40.579 ng
RT: 3.87 min Scan# 133
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.3	77.1	115.7
51	41.2	37.8	56.8

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

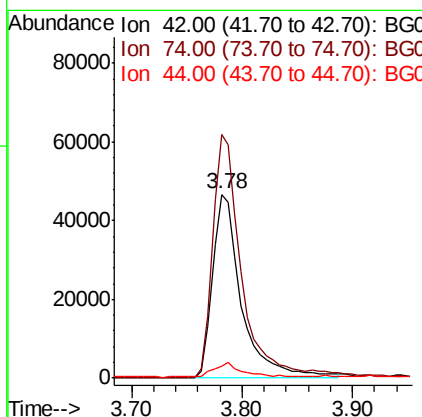
Manual Integrations
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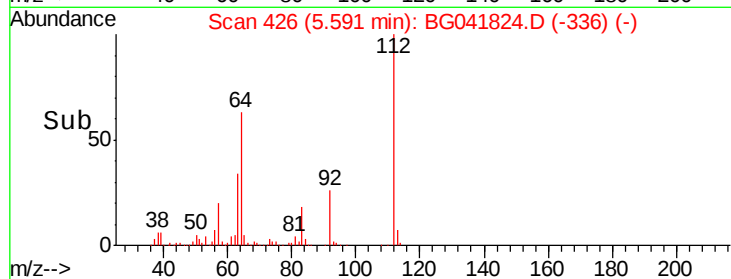
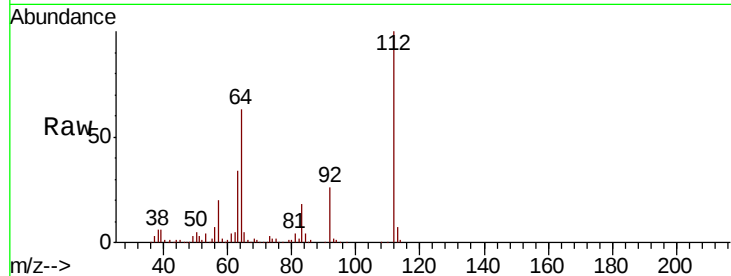
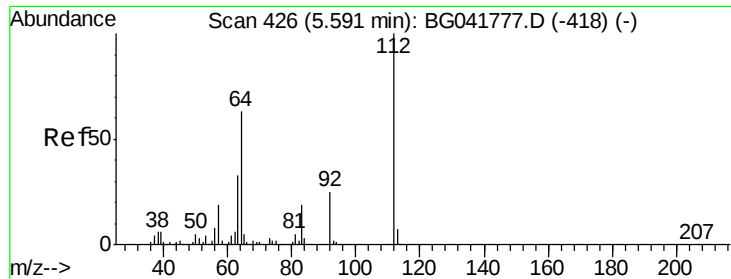
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#4
n-Nitrosodimethylamine
Concen: 39.115 ng
RT: 3.78 min Scan# 118
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.4	97.4	146.2
44	6.7	6.6	9.8





#5

2-Fluorophenol

Concen: 82.759 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

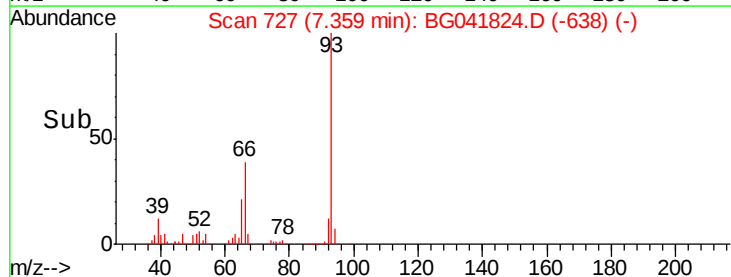
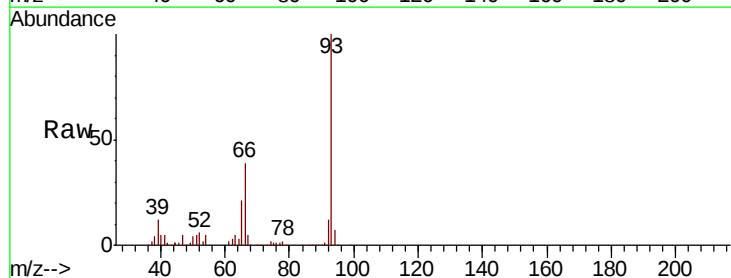
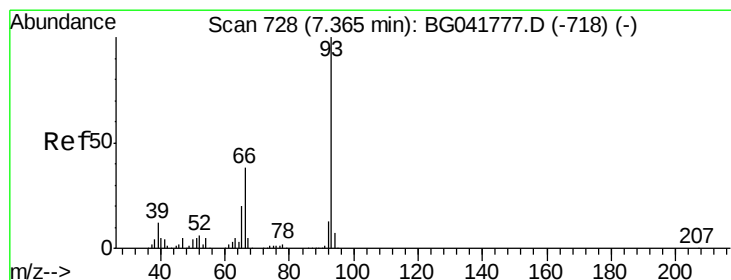
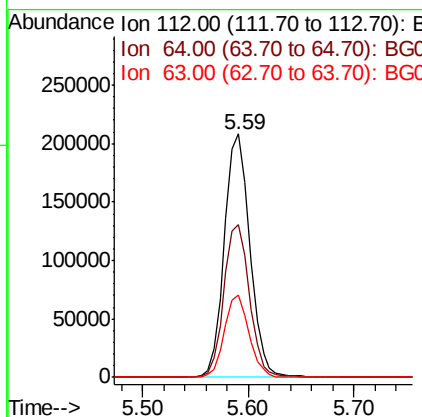
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	349334
Ion Ratio	Lower	Upper	
112	100		
64	62.9	55.4	83.2
63	34.0	29.1	43.7

Manual Integrations
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#6

Aniline

Concen: 37.920 ng

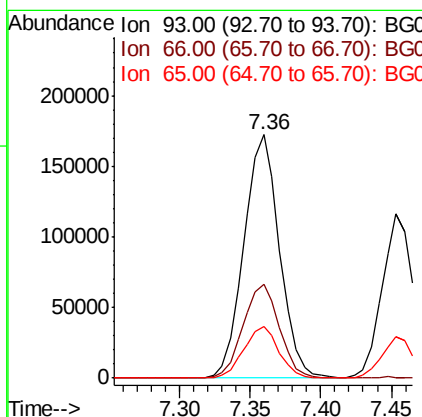
RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion:	93	Resp:	303855
Ion Ratio	Lower	Upper	
93	100		
66	38.8	34.2	51.2
65	21.2	18.2	27.2





#7

Phenol-d6

Concen: 79.785 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

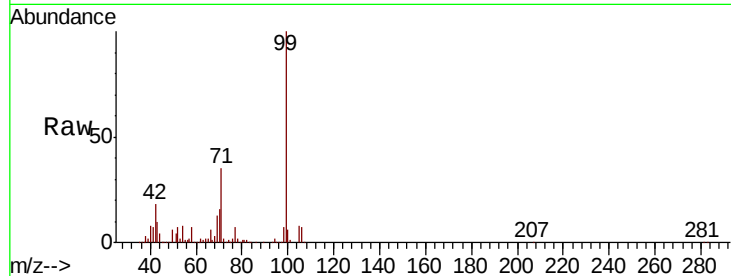
ClientSampleId :

SSTDCCC040EC

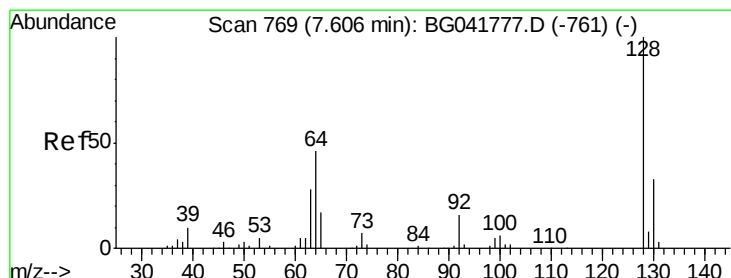
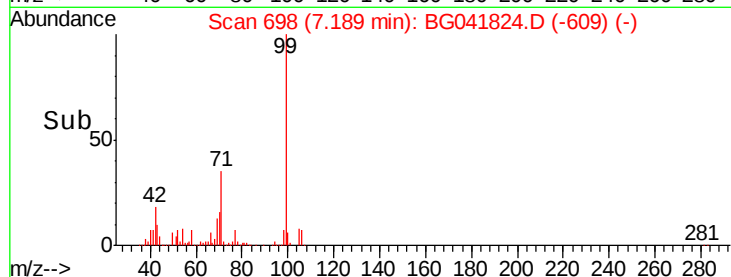
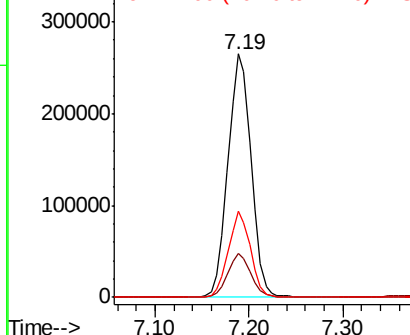
Tot Ion:	99	Resp:	454035
Ion Ratio	Lower	Upper	
99	100		
42	18.1	17.6	26.4
71	35.2	27.8	41.6

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



#8

2-Chlorophenol

Concen: 40.023 ng

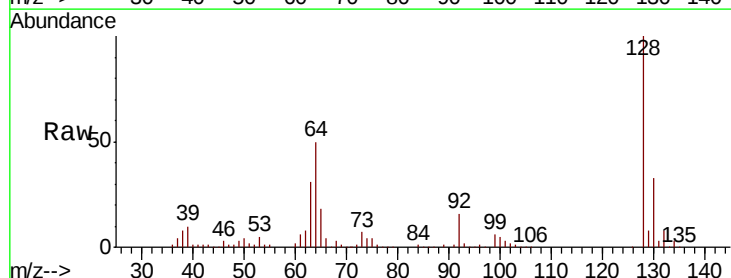
RT: 7.60 min Scan# 768

Delta R.T. -0.01 min

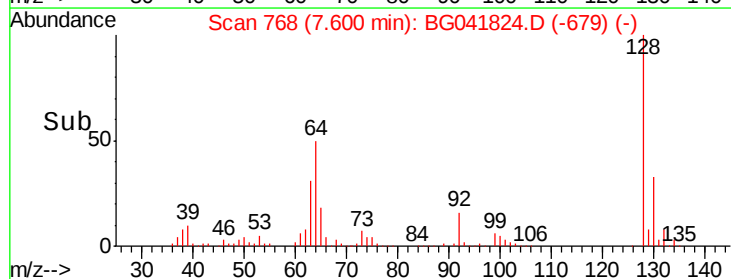
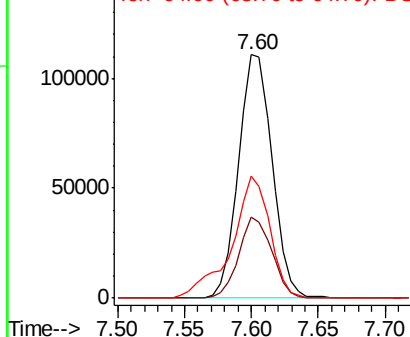
Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion:	128	Resp:	193453
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.4	52.4
64	49.9	34.9	74.9



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





#9

Benzaldehyde

Concen: 35.837 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

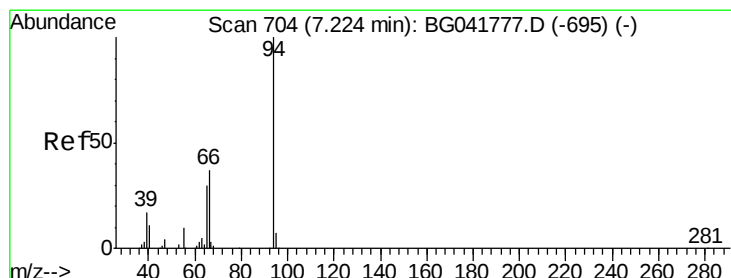
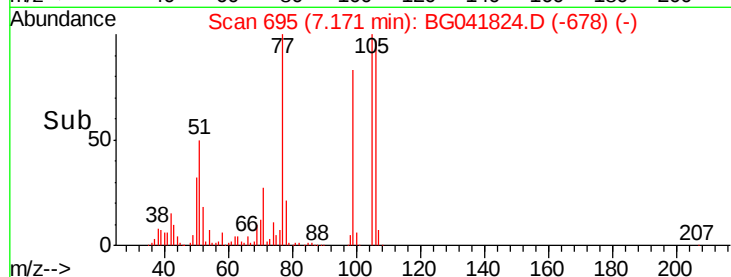
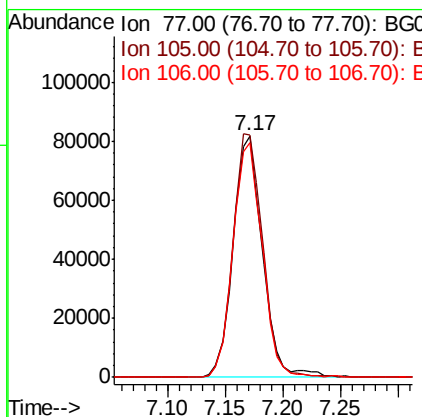
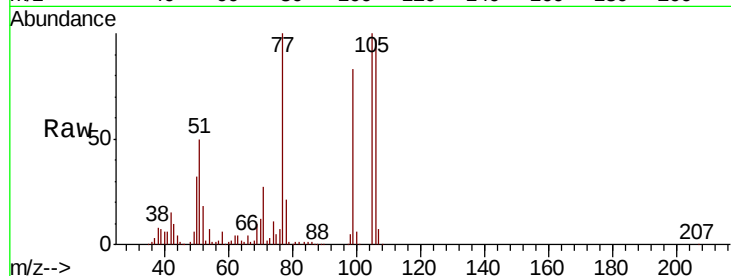
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.3	74.6	114.6
106	97.0	71.1	111.1

Manual Integrations
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#10

Phenol

Concen: 38.807 ng

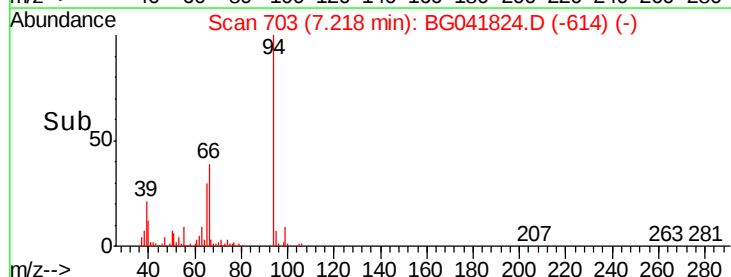
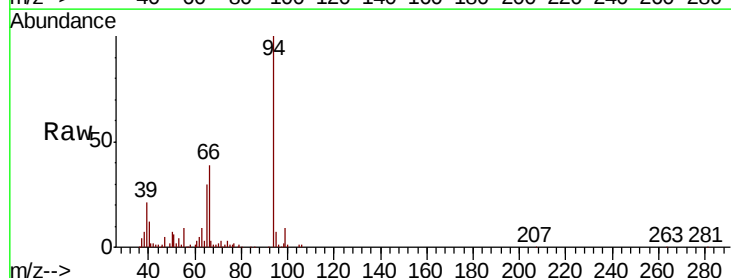
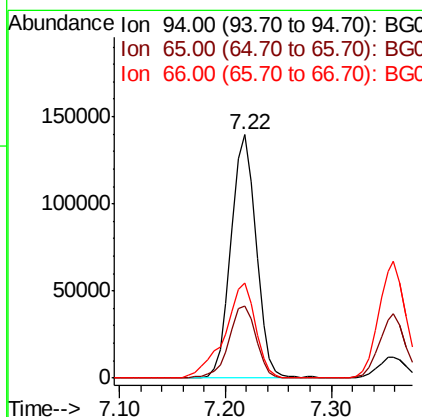
RT: 7.22 min Scan# 703

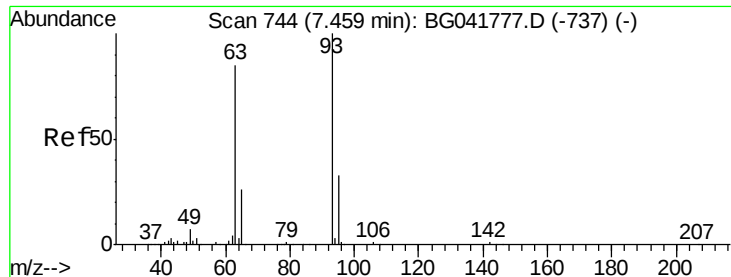
Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.7	10.6	50.6
66	39.2	18.2	58.2





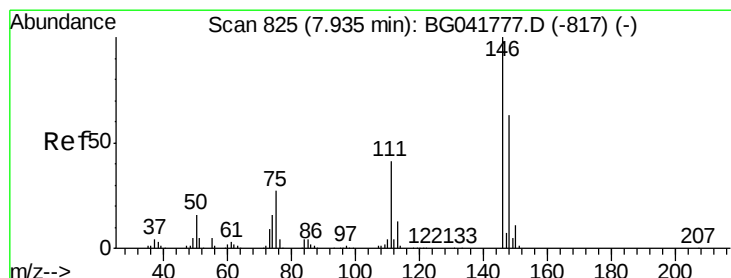
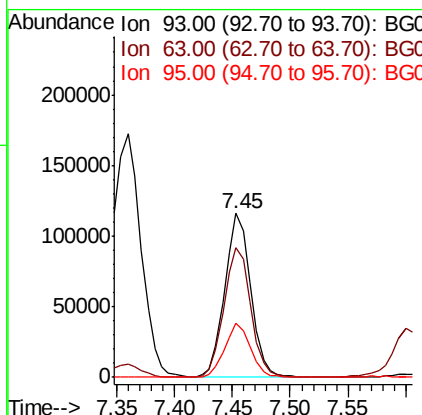
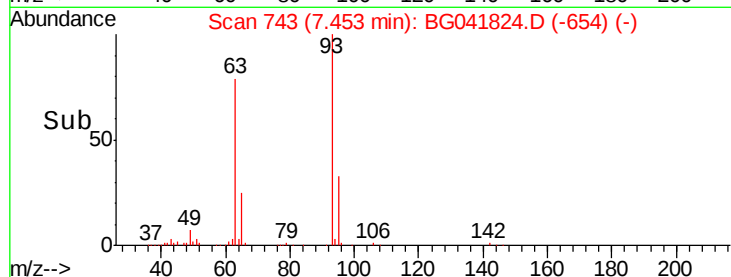
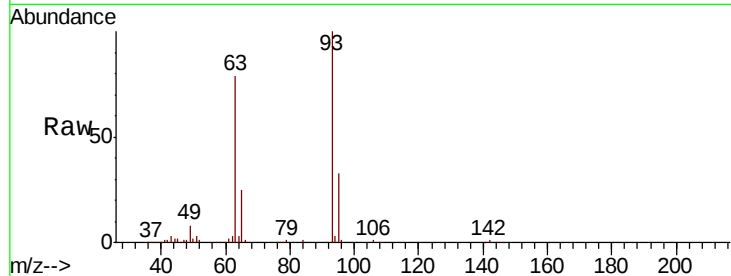
#11
bis(2-Chloroethyl)ether
Concen: 37.482 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	93	Resp:	182430
Ion	Ratio	Lower	Upper
93	100		
63	79.0	70.4	110.4
95	33.2	12.8	52.8

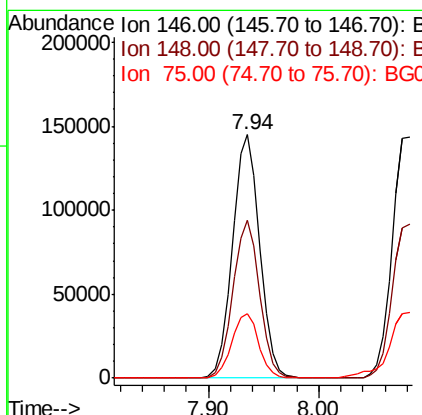
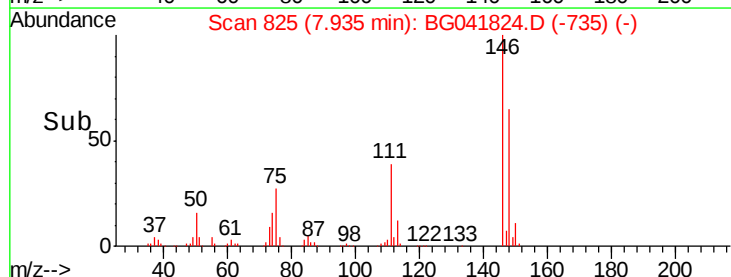
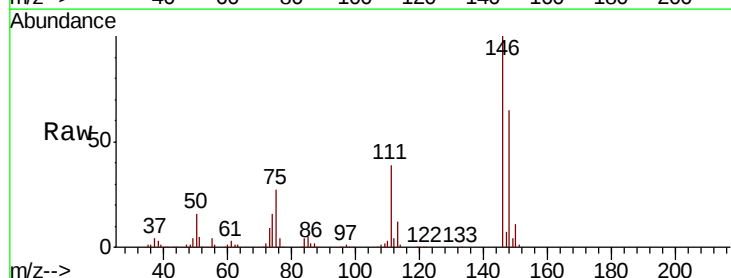
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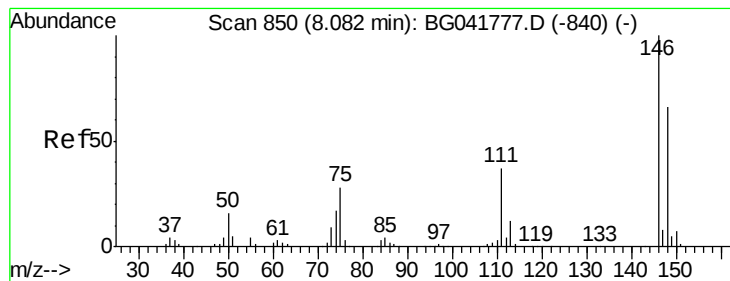
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.597 ng
RT: 7.94 min Scan# 825
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion:	146	Resp:	249801
Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.5	77.3
75	26.6	23.2	34.8





#13

1,4-Dichlorobenzene

Concen: 39.834 ng

RT: 8.08 min Scan# 850

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

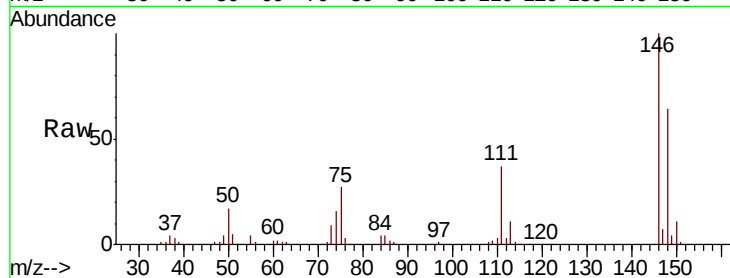
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	251446
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.6	79.0
111	36.6	32.5	48.7

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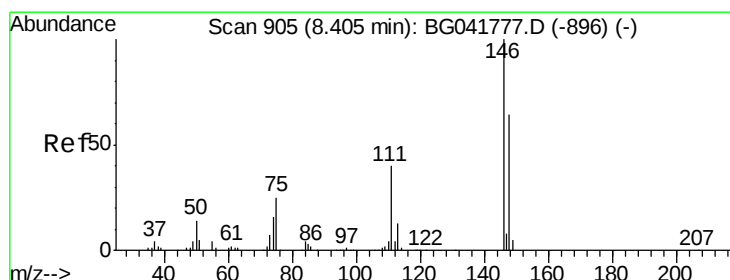
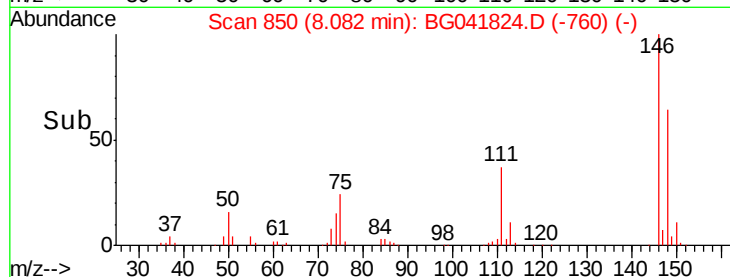
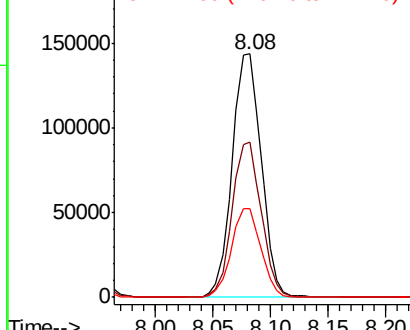


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.101 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

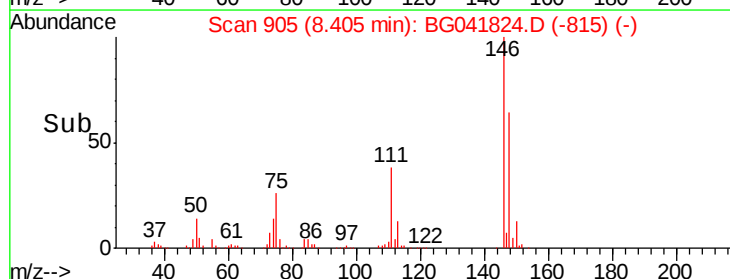
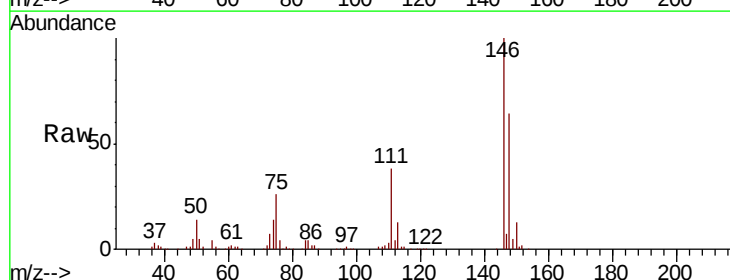
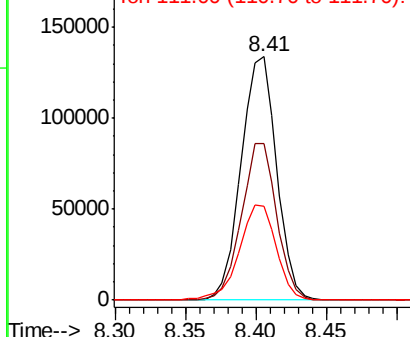
Tgt Ion:	146	Resp:	235517
Ion Ratio	Lower	Upper	
146	100		
148	64.2	53.5	80.3
111	38.5	35.4	53.0

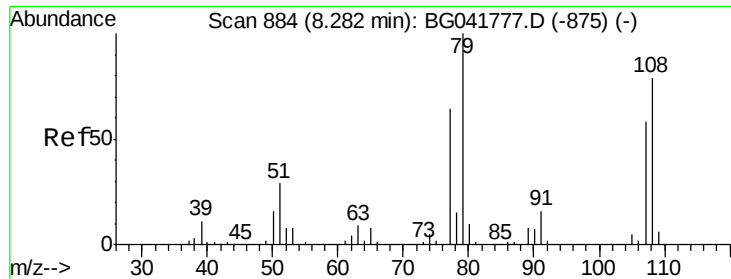
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.732 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

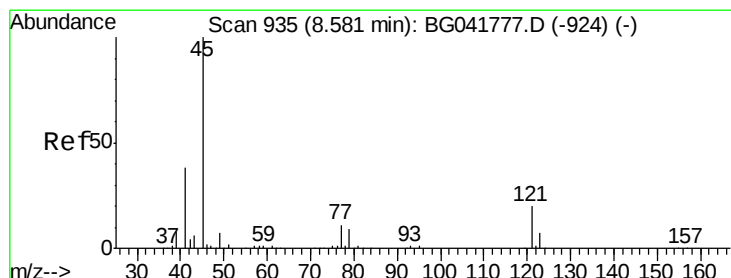
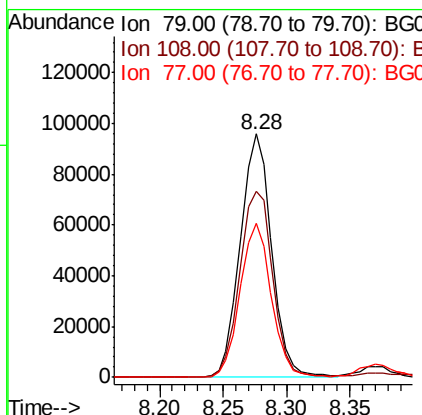
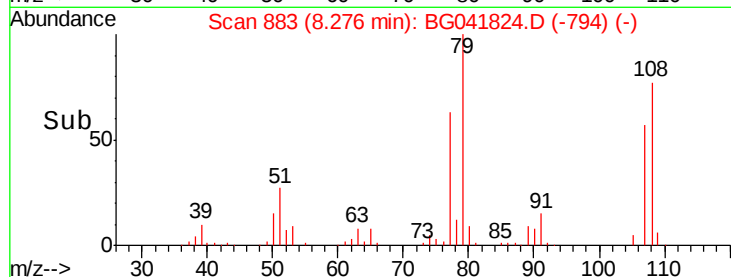
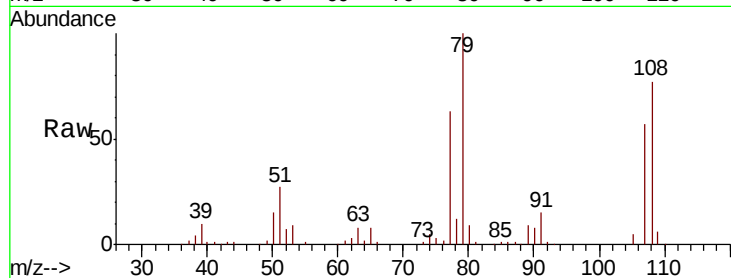
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	164450
Ion Ratio	Lower	Upper	
79	100		
108	76.7	60.5	90.7
77	63.1	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.908 ng

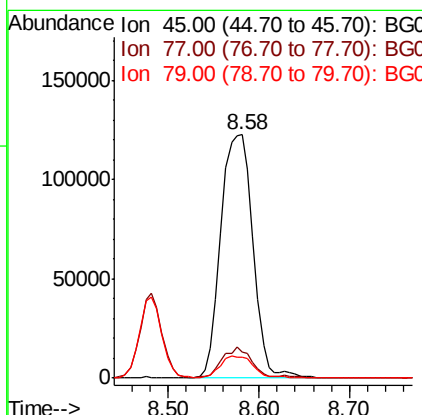
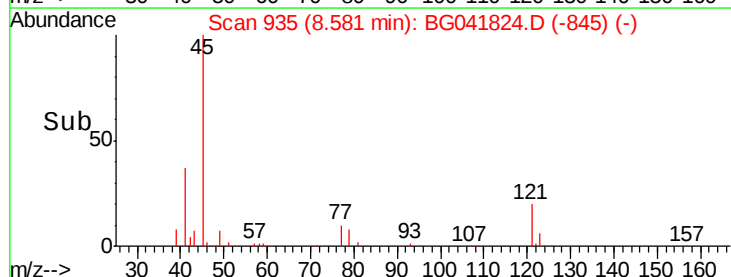
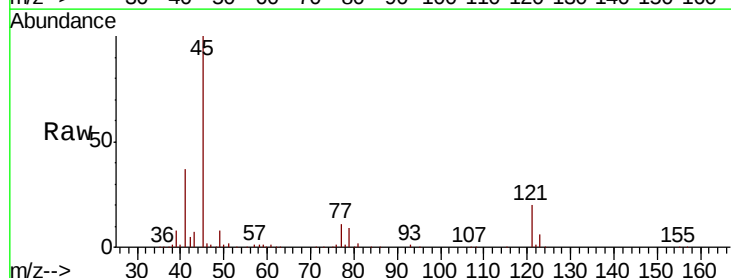
RT: 8.58 min Scan# 935

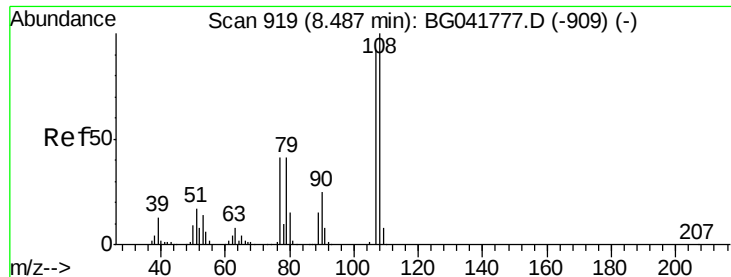
Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion:	45	Resp:	302276
Ion Ratio	Lower	Upper	
45	100		
77	10.7	0.0	30.4
79	8.5	0.0	27.9





#17

2-Methylphenol

Concen: 37.769 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

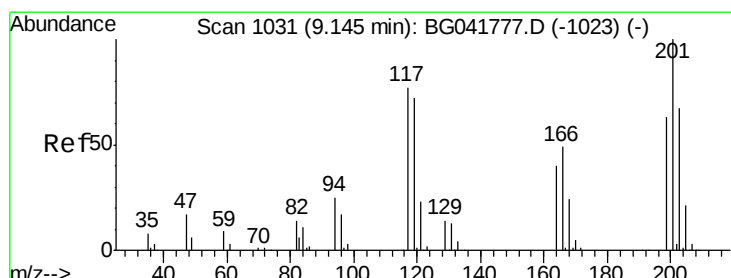
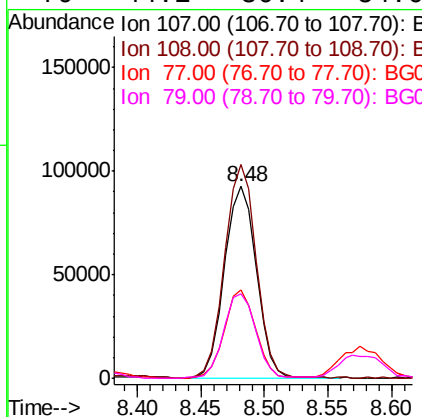
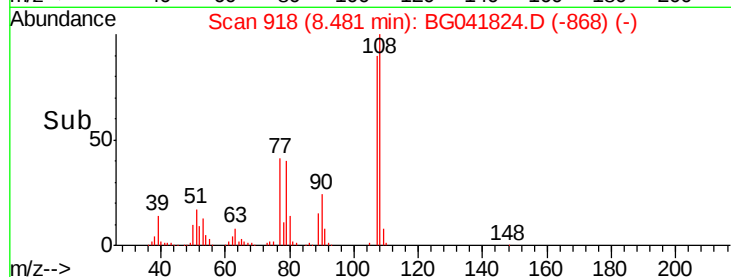
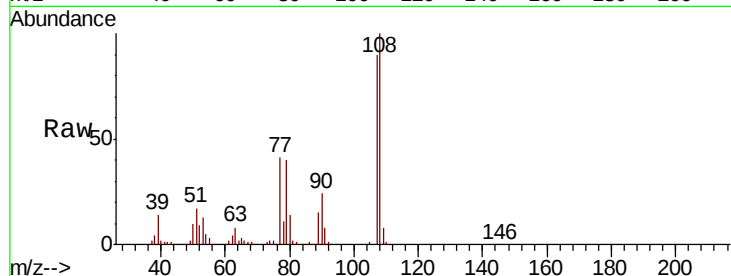
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	87.6	131.4	
77	46.1	36.1	54.1	
79	44.1	36.4	54.6	

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#18

Hexachloroethane

Concen: 39.190 ng

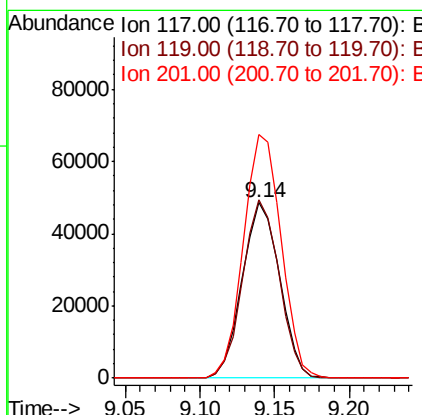
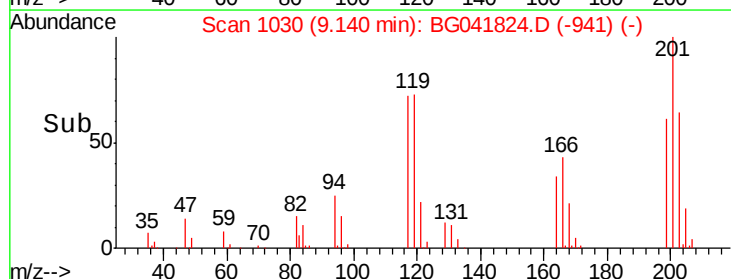
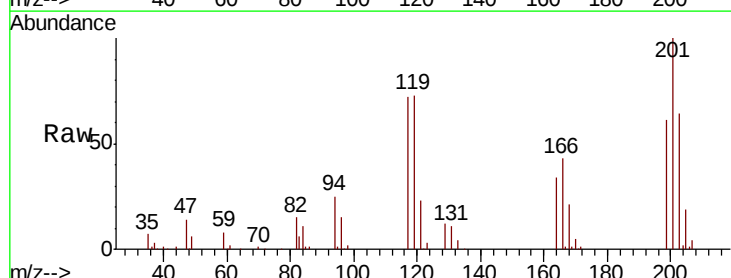
RT: 9.14 min Scan# 1030

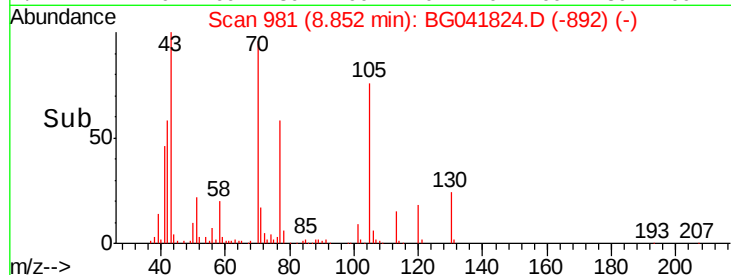
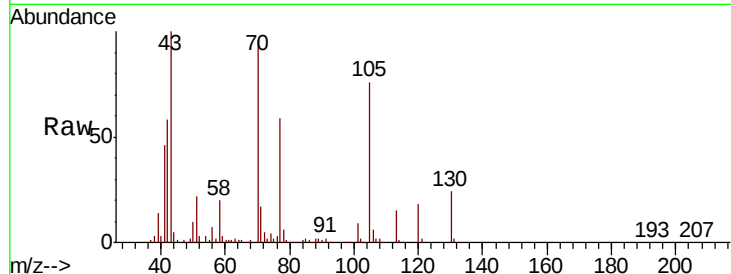
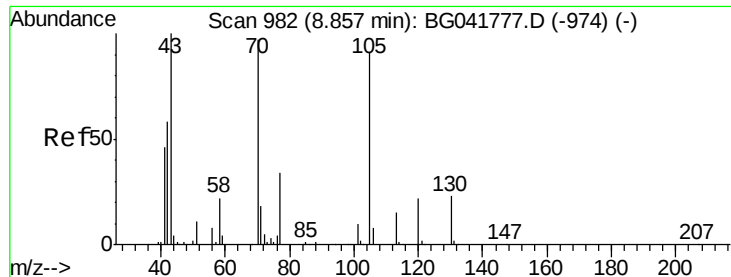
Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.6	76.2	114.2	
201	138.6	94.1	141.1	





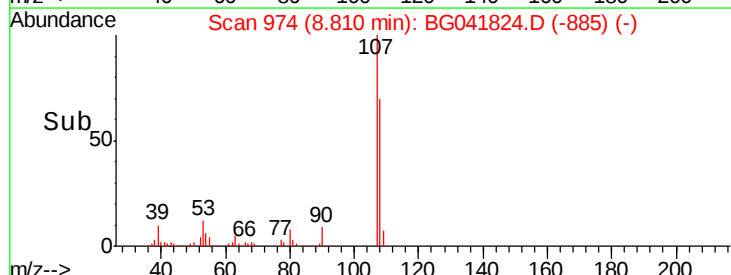
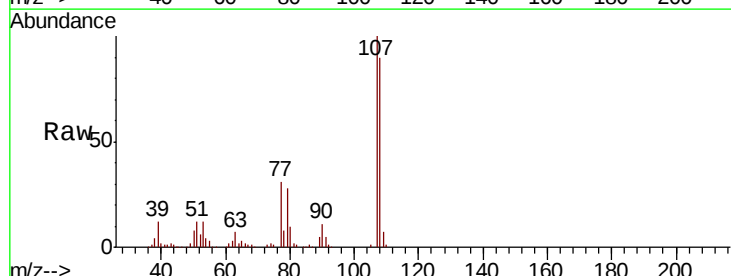
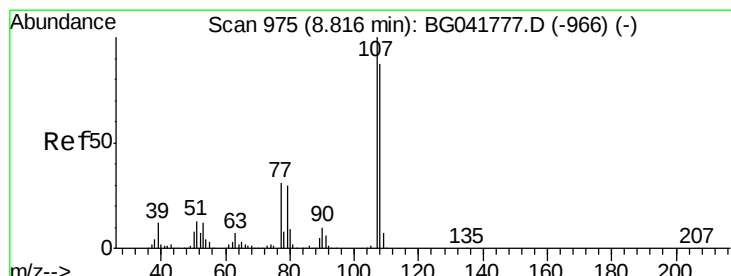
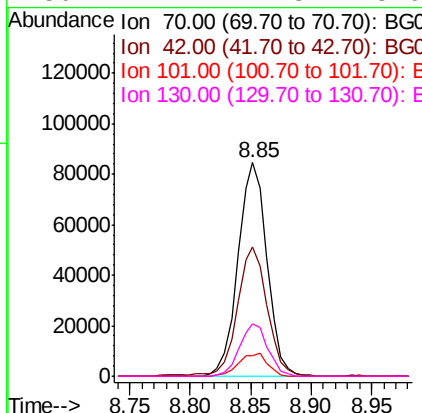
#19
n-Nitroso-di-n-propylamine
Concen: 34.261 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	60.4	55.8	83.6		
101	9.9	8.1	12.1		
130	24.7	17.3	25.9		

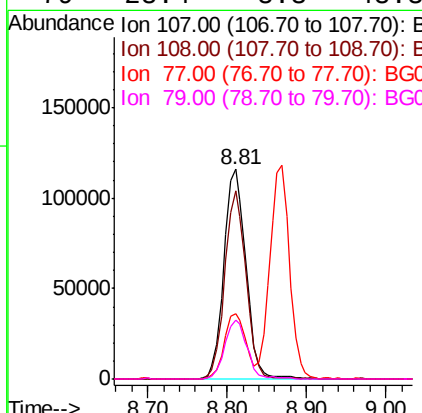
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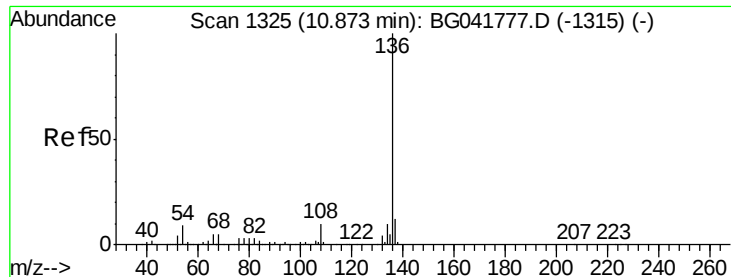
mohammad
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#20
3+4-Methylphenols
Concen: 37.706 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.9	67.5	107.5		
77	31.2	12.3	52.3		
79	28.4	8.3	48.3		





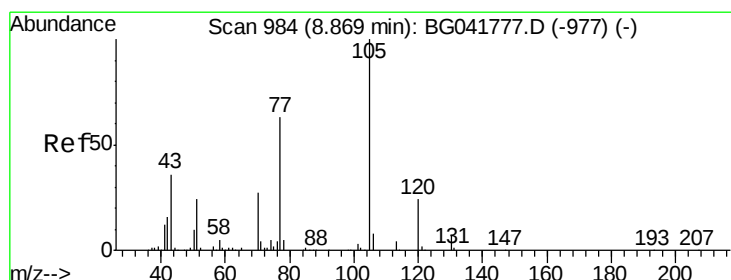
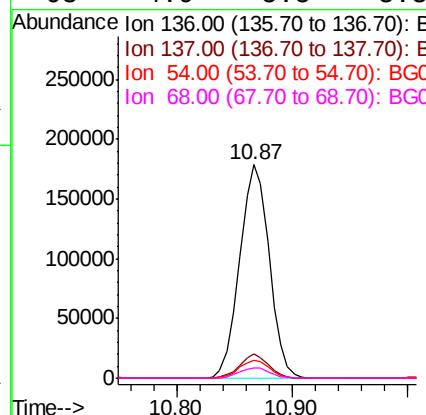
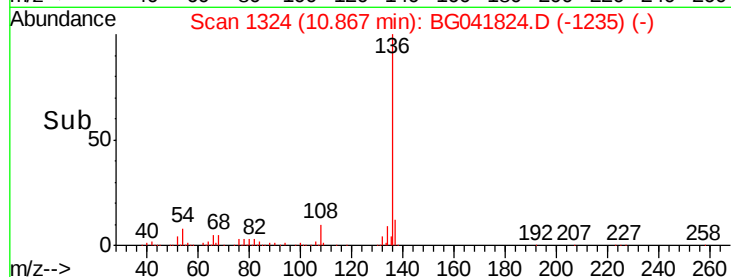
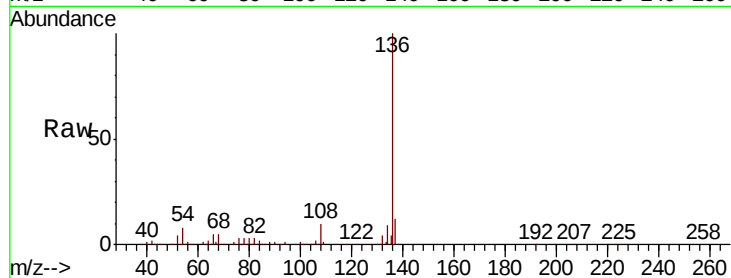
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.3	8.7	13.1#
68	4.9	5.5	8.3#

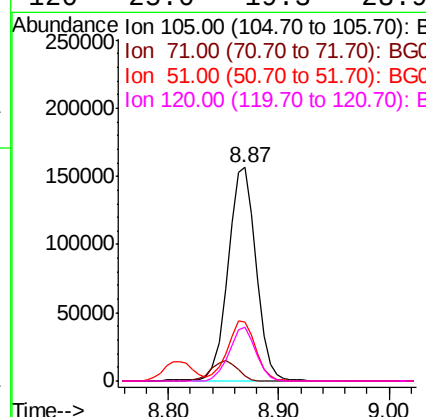
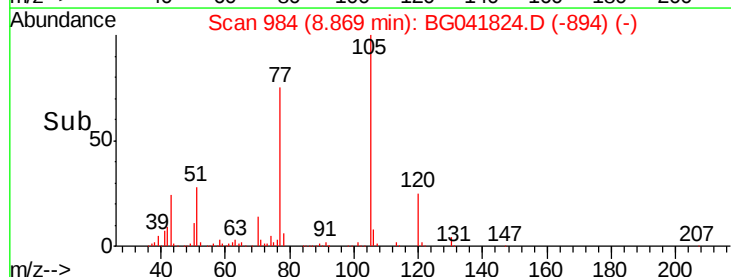
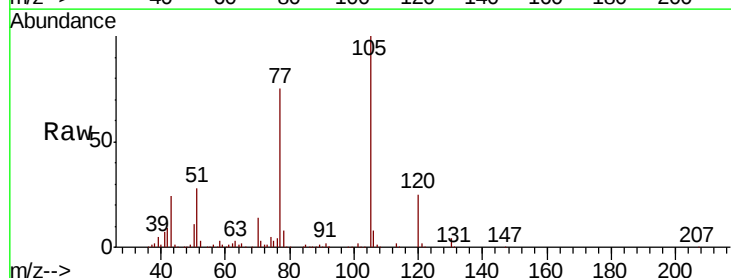
Manual Integrations
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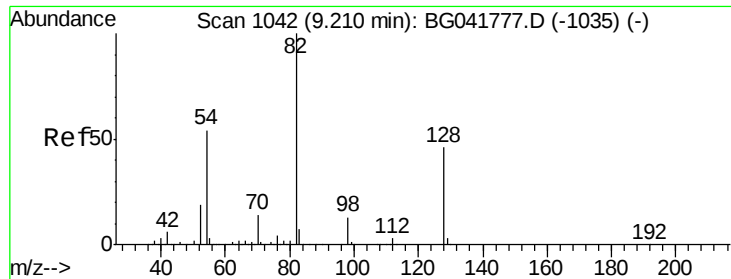
mohammad
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#22
Acetophenone
Concen: 39.160 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.6	5.9	8.9#
51	27.8	27.7	41.5
120	25.0	19.3	28.9





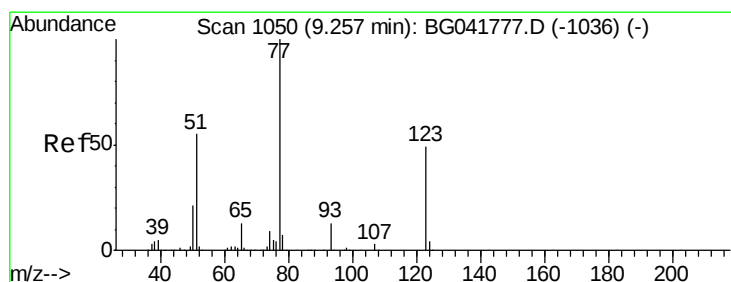
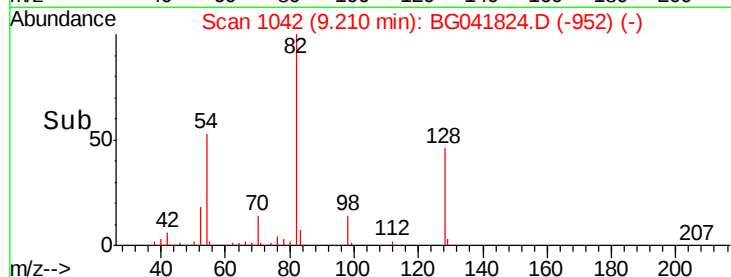
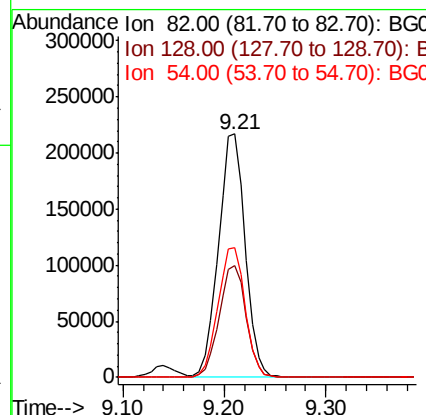
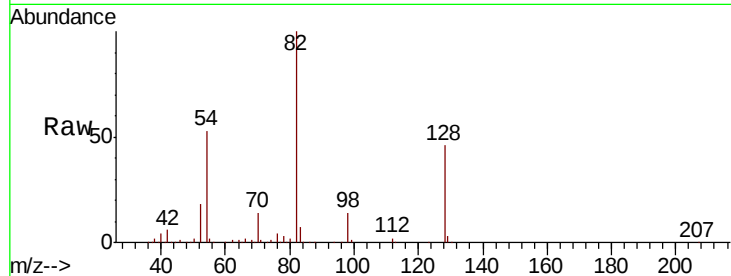
#23
 Nitrobenzene-d5
 Concen: 85.906 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
82	100	394970		
128	46.1	35.1	52.7	
54	53.5	48.7	73.1	

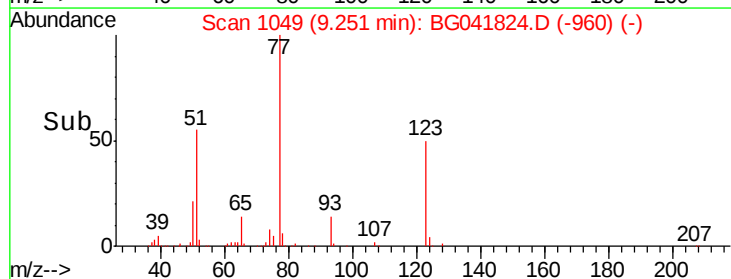
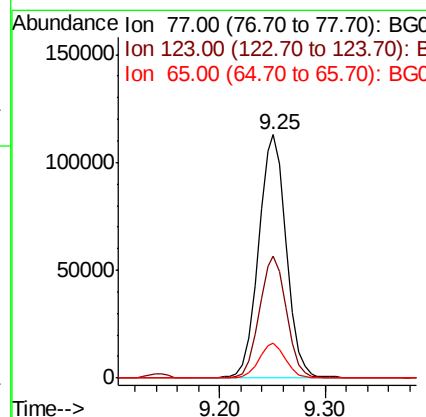
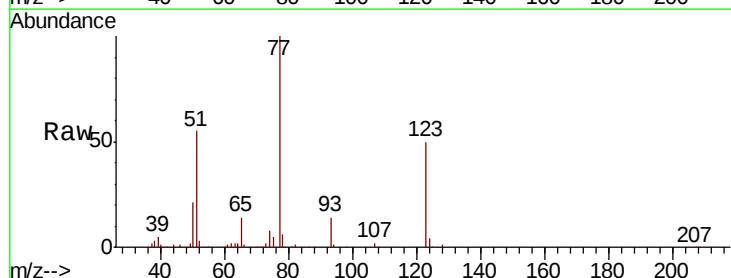
Manual Integrations
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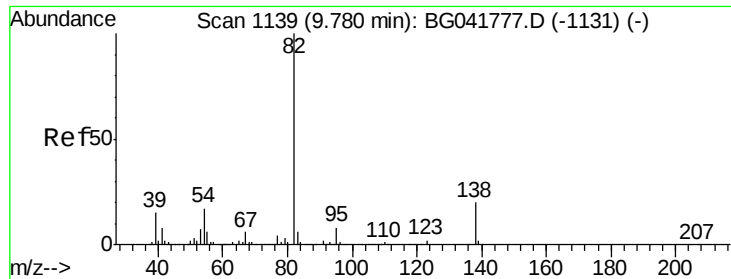
mohammad
 8/1/2019 5:05:19 PM



#24
 Nitrobenzene
 Concen: 42.437 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	205551		
123	50.0	38.1	57.1	
65	14.5	11.0	16.6	





#25

Isophorone

Concen: 37.600 ng

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

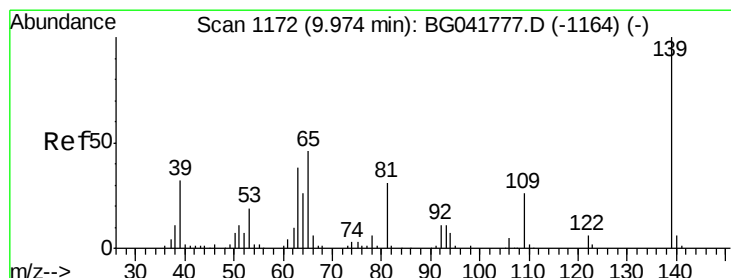
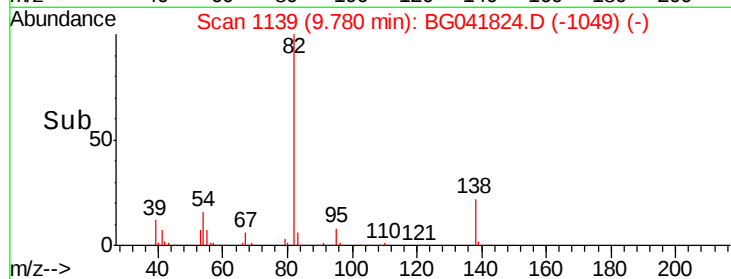
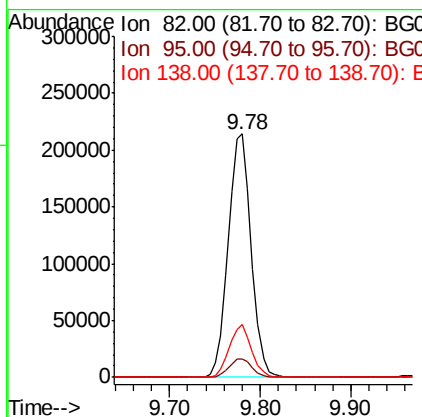
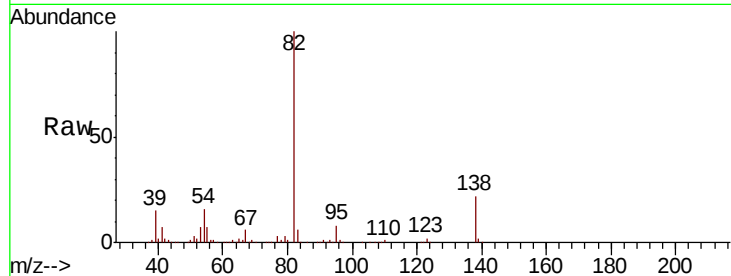
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	376058
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.9	8.9
138	21.7	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.963 ng

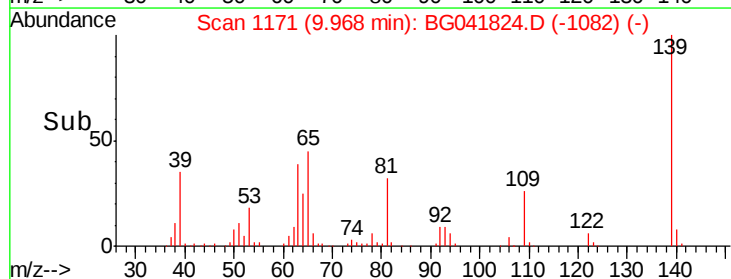
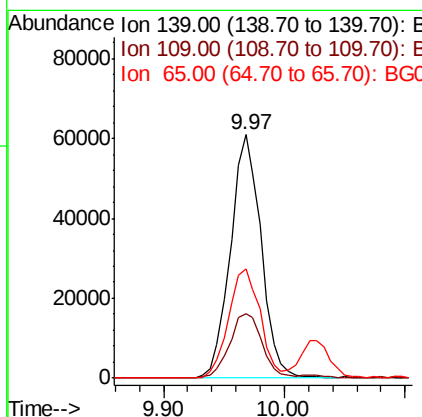
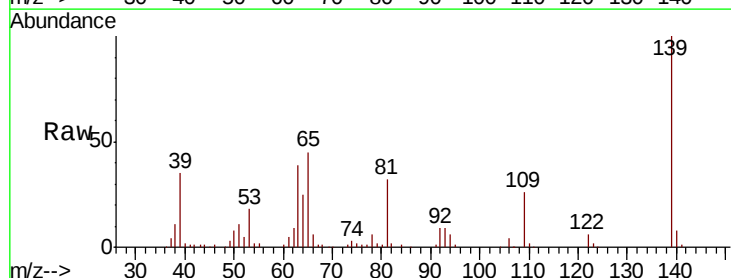
RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion:	139	Resp:	107822
Ion Ratio	Lower	Upper	
139	100		
109	26.3	22.7	34.1
65	44.9	41.1	61.7





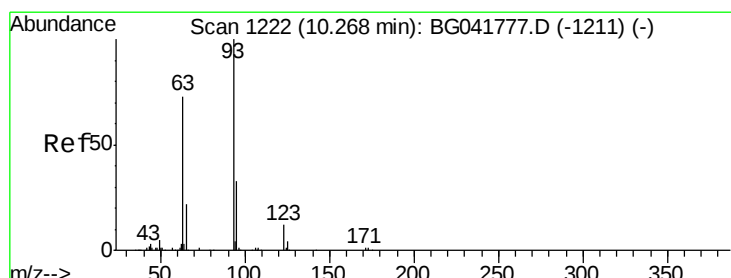
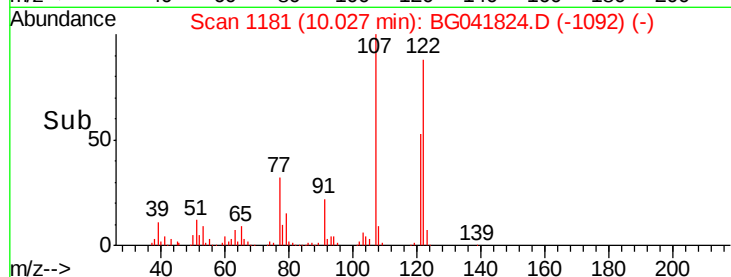
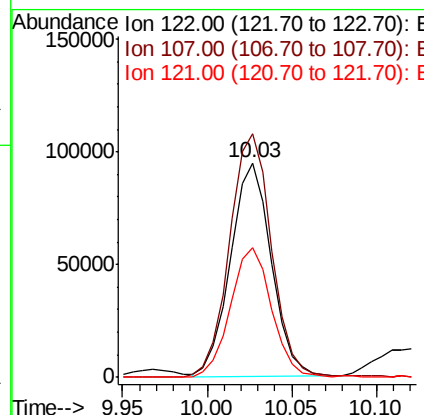
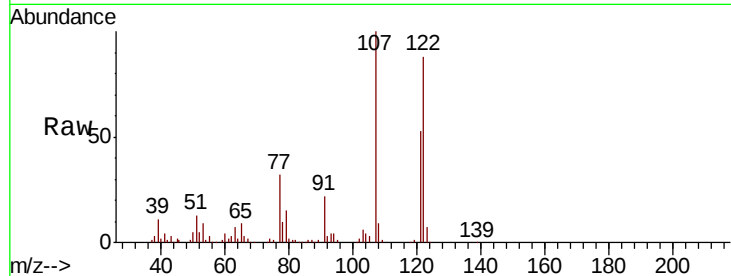
#27
2,4-Dimethylphenol
Concen: 40.122 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	159188		
107	113.6	91.3	136.9	
121	60.7	49.2	73.8	

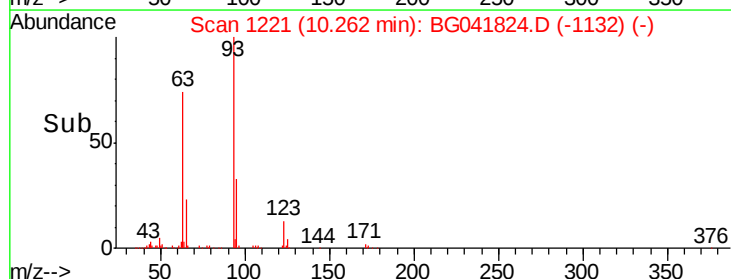
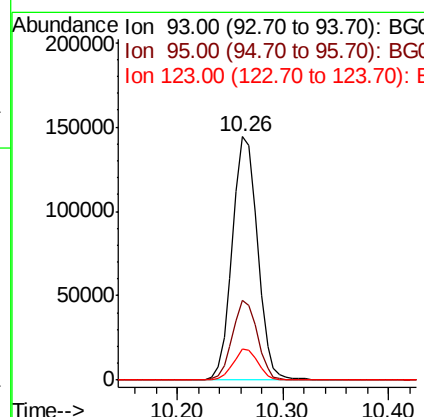
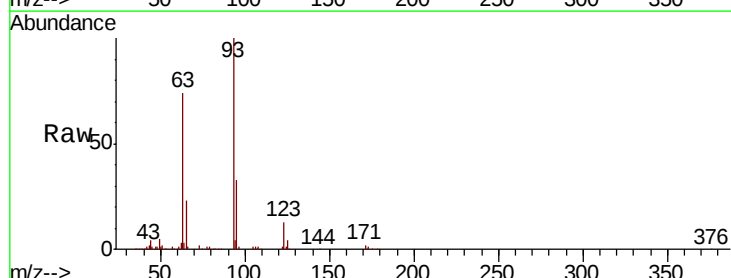
Manual Integrations
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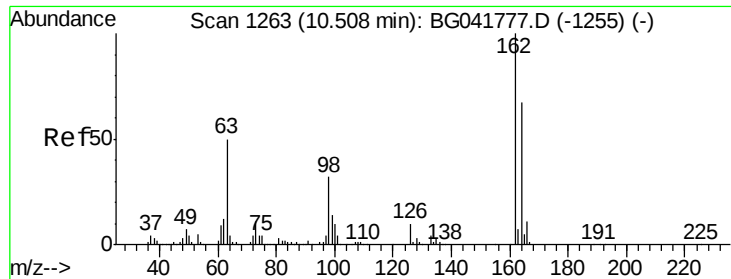
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 38.208 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	238802		
95	32.6	26.2	39.4	
123	12.6	9.9	14.9	





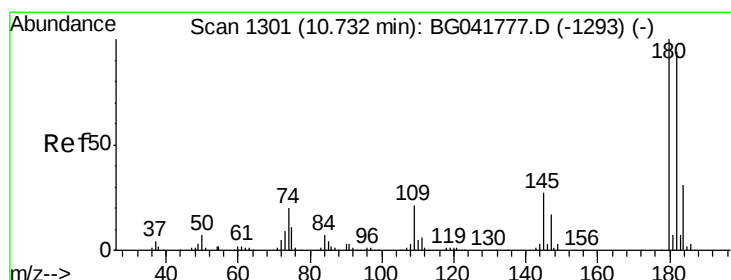
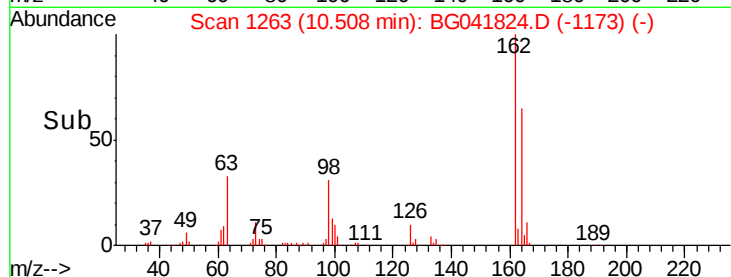
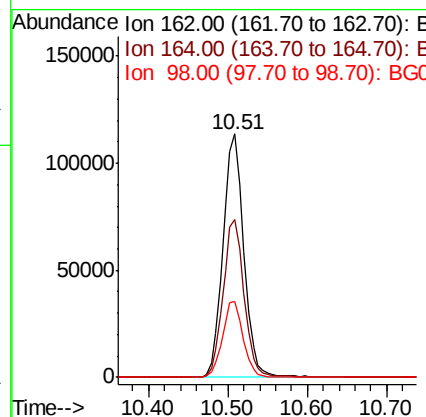
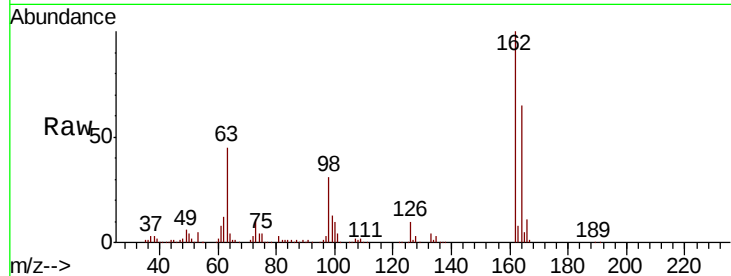
#29
2,4-Dichlorophenol
Concen: 42.802 ng
RT: 10.51 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	46.1	86.1
98	31.1	14.7	54.7

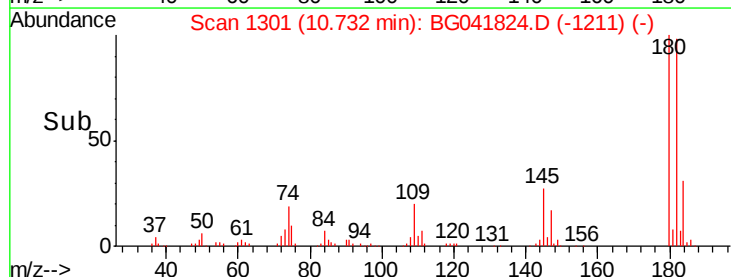
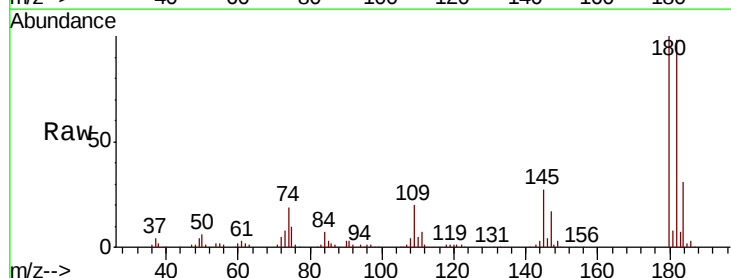
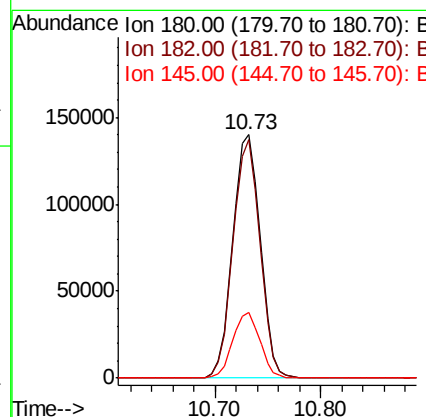
Manual Integrations
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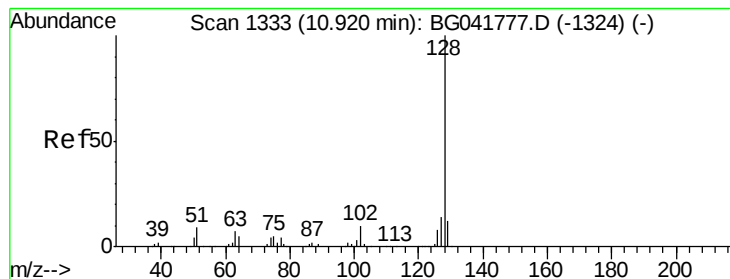
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.113 ng
RT: 10.73 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	76.2	114.2
145	26.9	23.8	35.8





#31

Naphthalene

Concen: 40.314 ng

RT: 10.92 min Scan# 1333

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

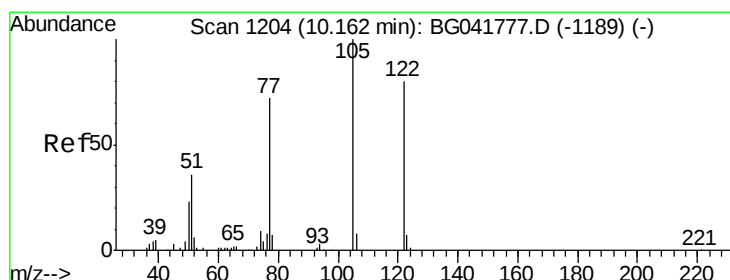
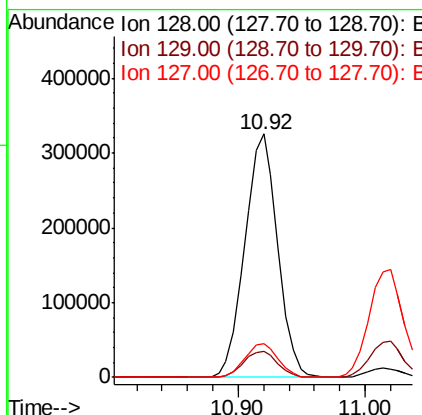
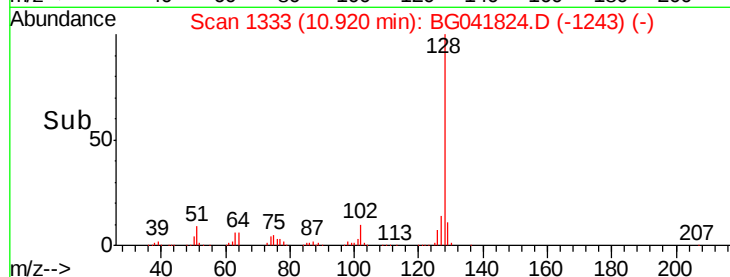
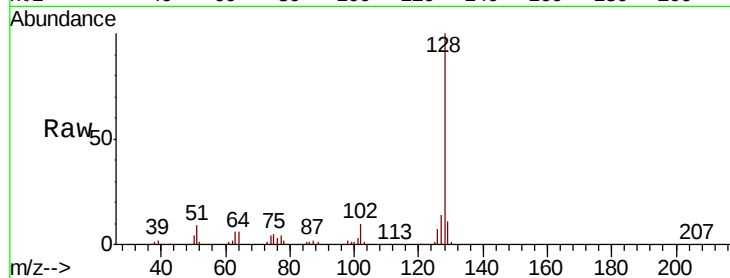
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	10.0	15.0
127	14.1	12.3	18.5

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#32

Benzoic acid

Concen: 21.277 ng m

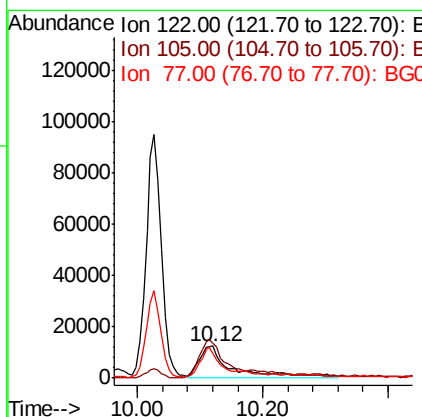
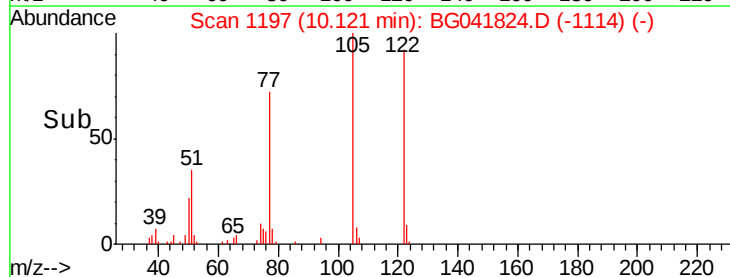
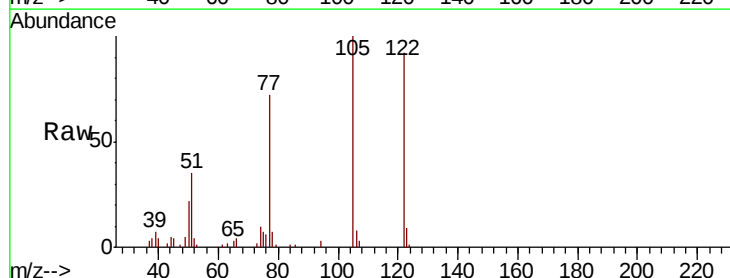
RT: 10.12 min Scan# 1197

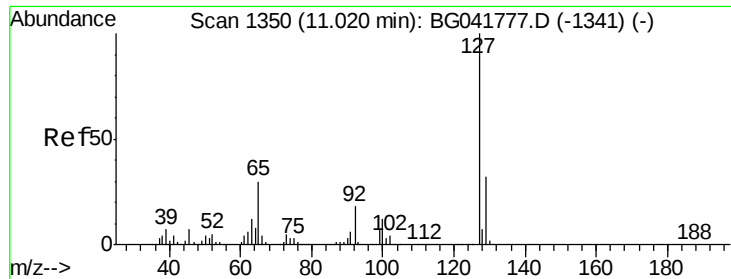
Delta R.T. -0.04 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.3	101.5	141.5
77	77.7	73.0	113.0





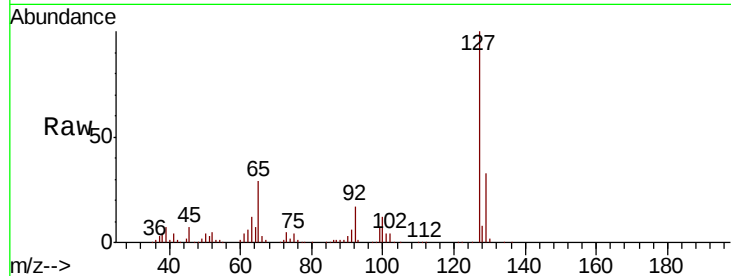
#33
4-Chloroaniline
Concen: 39.711 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

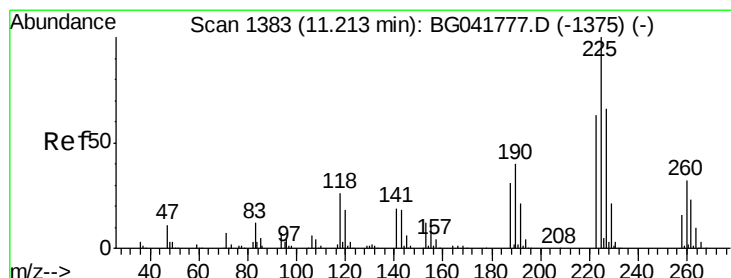
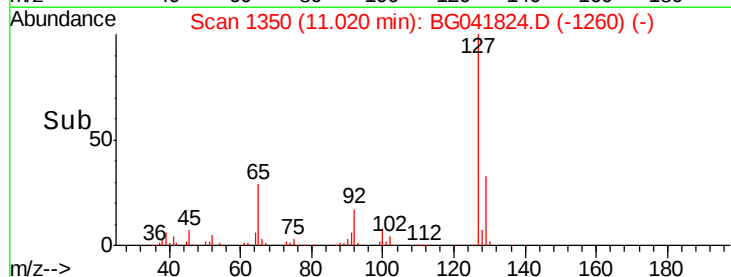
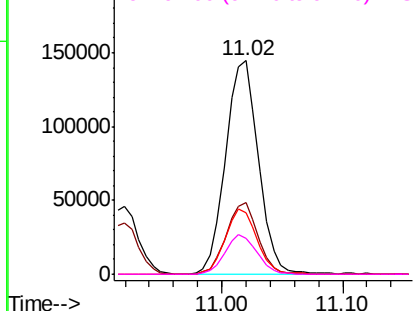
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	25.8	38.8		
65	28.7	26.7	40.1		
92	17.0	15.4	23.0		

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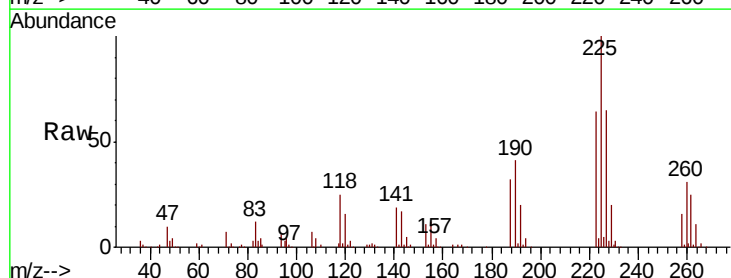


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

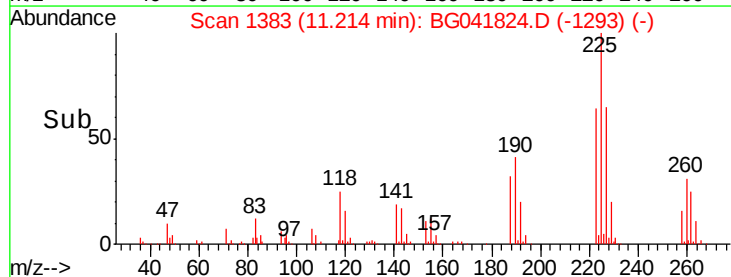
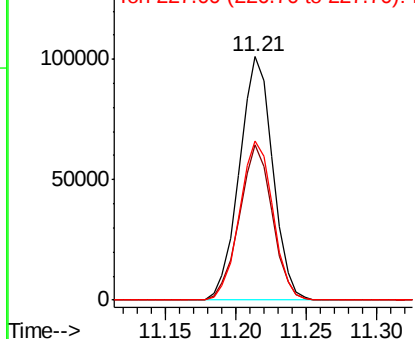


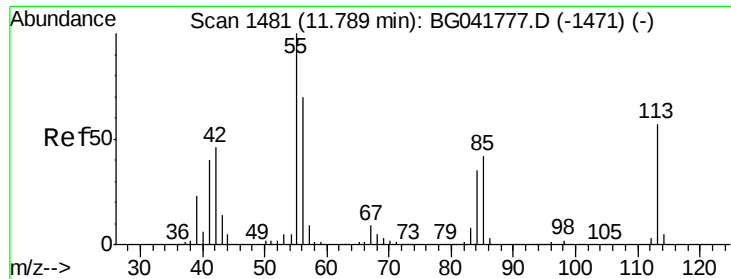
#34
Hexachlorobutadiene
Concen: 40.334 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	51.1	76.7		
227	65.3	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: 46.083 ng

RT: 11.78 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 77380

Ion Ratio Lower Upper

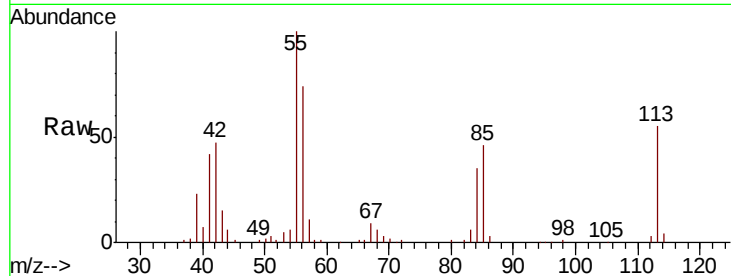
113 100

55 182.0 199.4 239.4#

56 134.4 133.6 173.6

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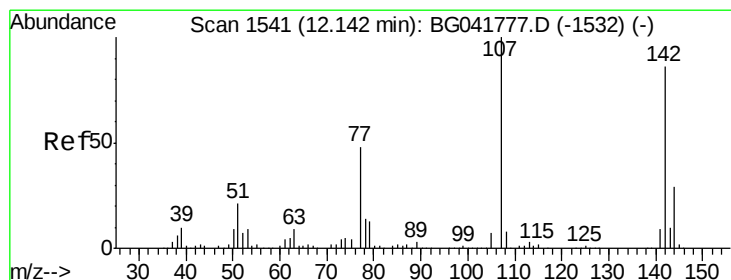
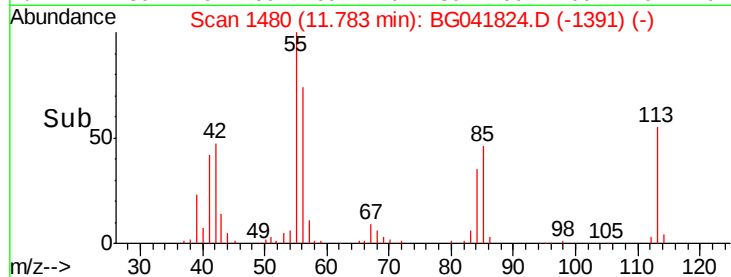
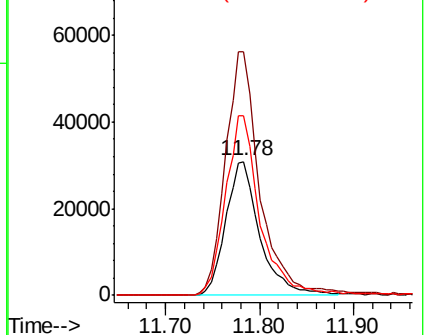
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.699 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

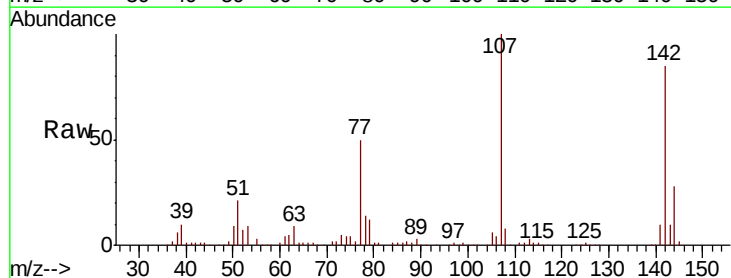
Tgt Ion:107 Resp: 199747

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.2

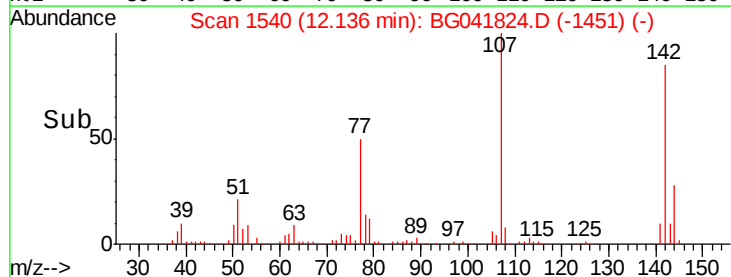
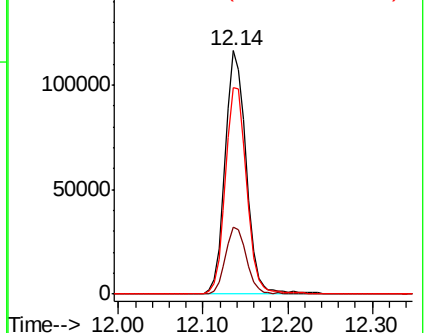
142 84.9 67.3 100.9

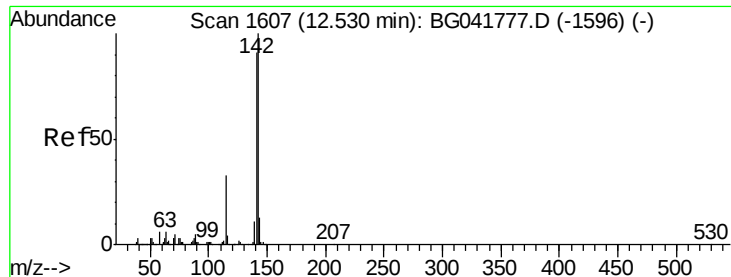


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





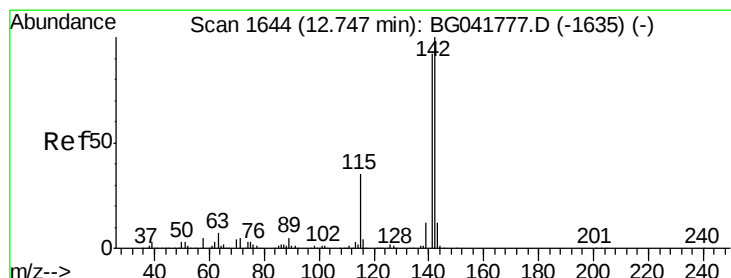
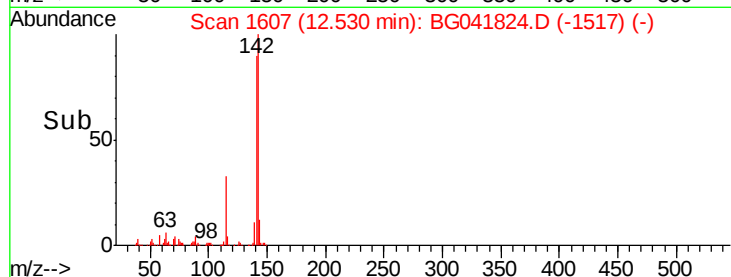
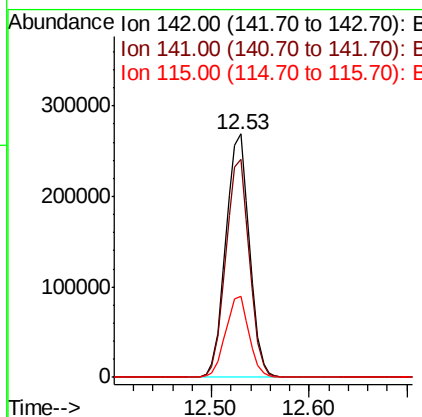
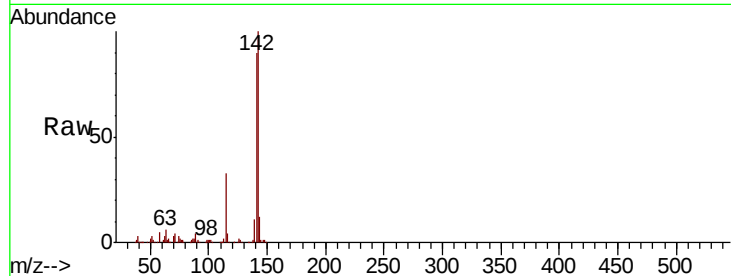
#37
2-Methylnaphthalene
Concen: 39.384 ng
RT: 12.53 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.7	109.1
115	33.3	27.0	40.4

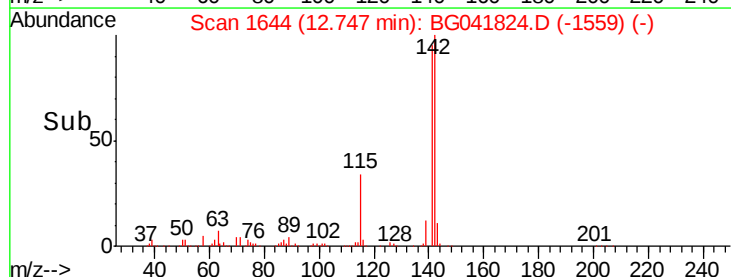
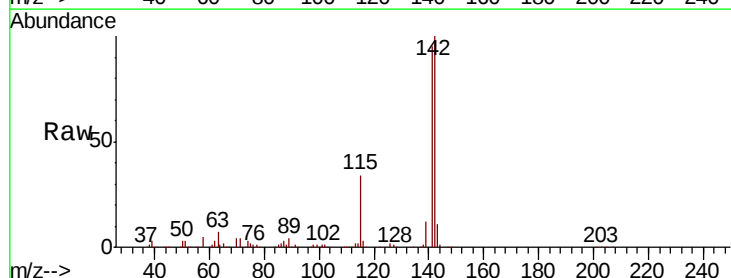
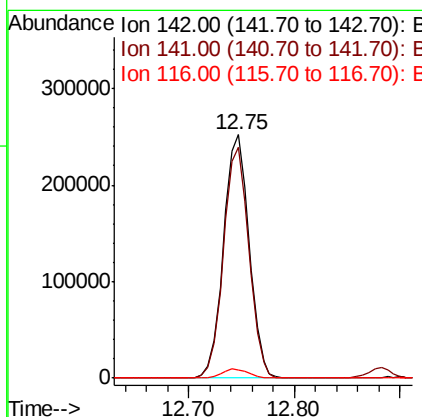
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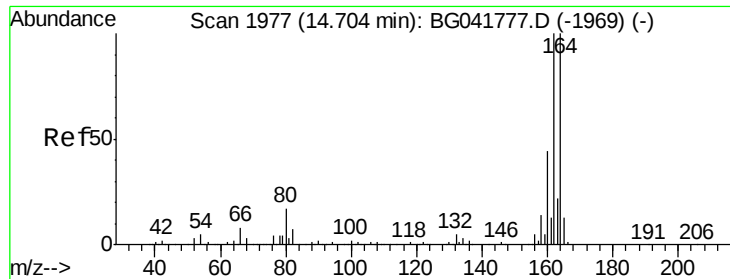
mohammad
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#38
1-Methylnaphthalene
Concen: 38.948 ng
RT: 12.75 min Scan# 1644
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	75.4	113.2
116	3.5	3.2	4.8





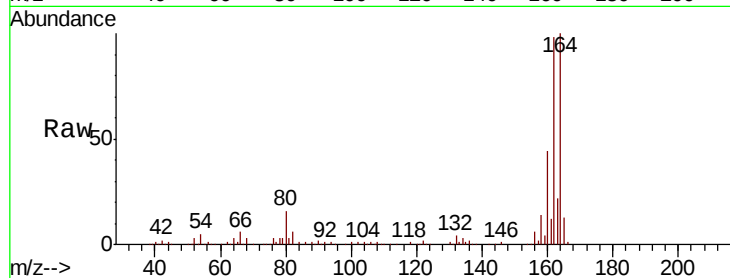
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.6	119.4
160	44.5	35.4	53.0

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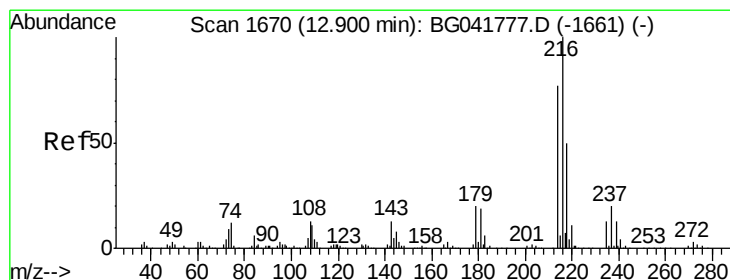
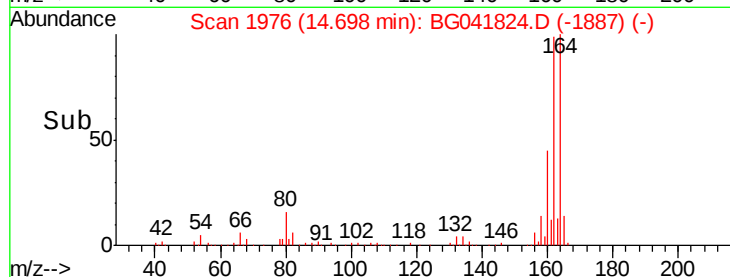
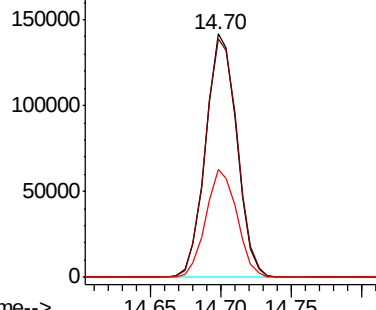


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.742 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.2	61.5	92.3
179	18.8	16.2	24.2
108	13.4	13.2	19.8

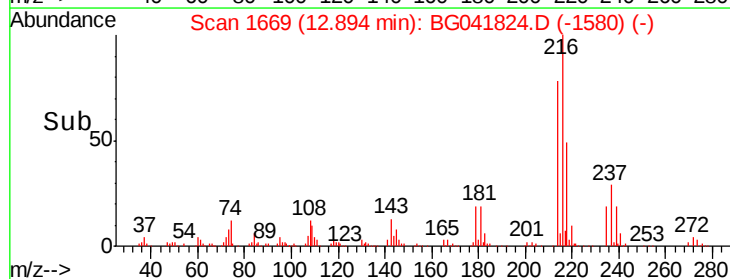
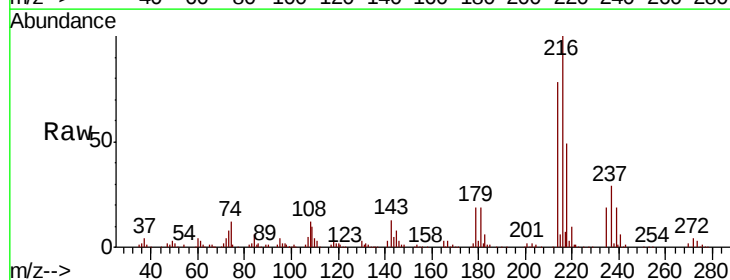
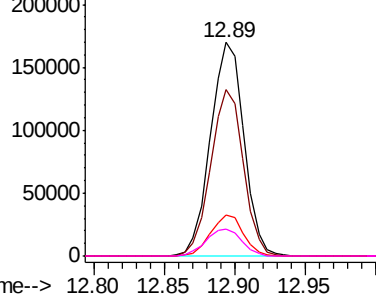
Abundance

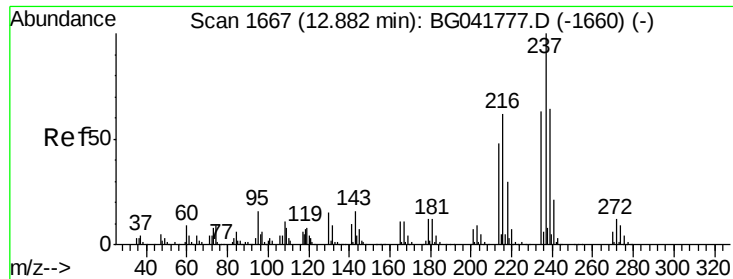
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 43.075 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

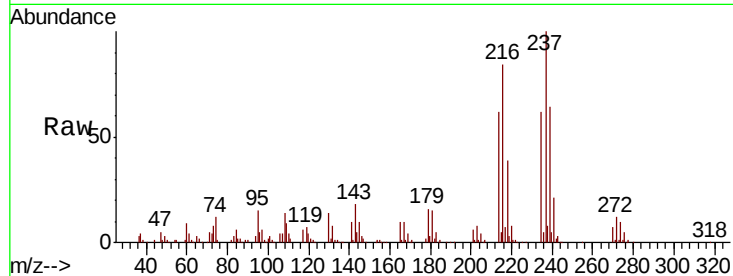
ClientSampleId :

SSTDCCC040EC

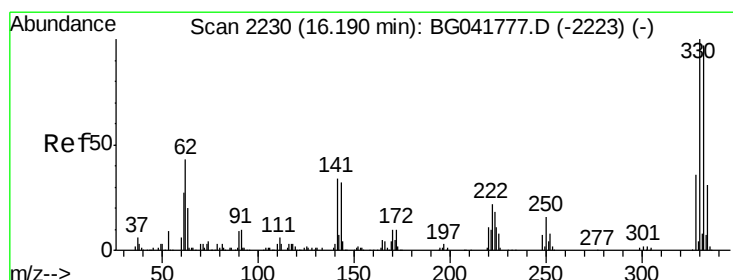
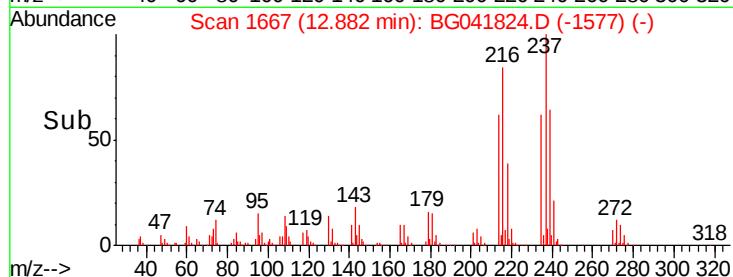
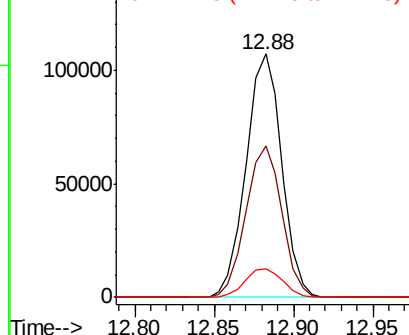
Tot Ion:	237	Resp:	167101
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.5	83.5
272	11.8	0.0	31.2

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



#42

2,4,6-Tribromophenol

Concen: 93.568 ng

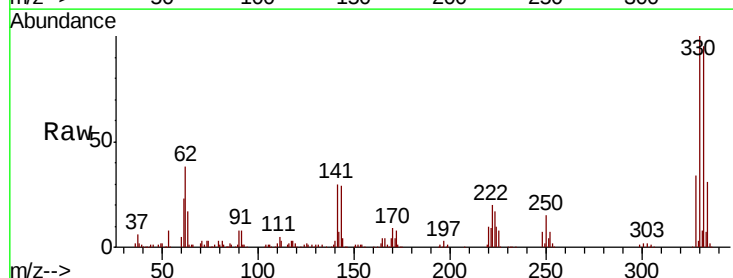
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

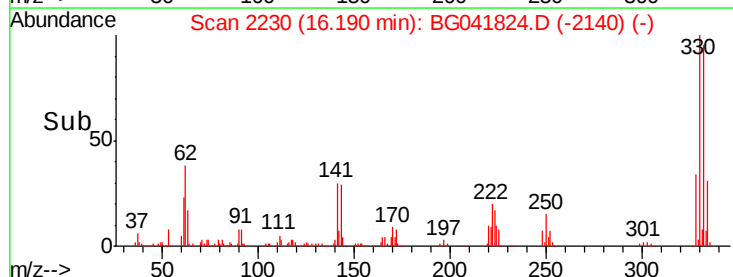
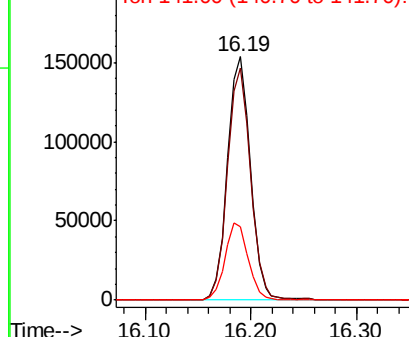
Lab File: BG041824.D

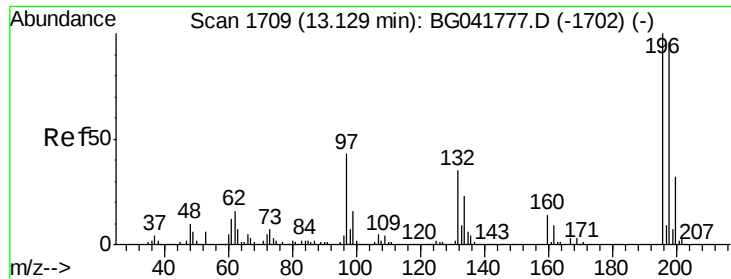
Acq: 31 Jul 2019 5:31

Tgt Ion:	330	Resp:	231664
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.4	116.0
141	32.2	31.9	47.9



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





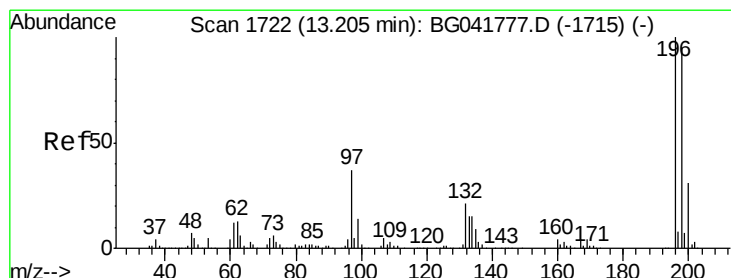
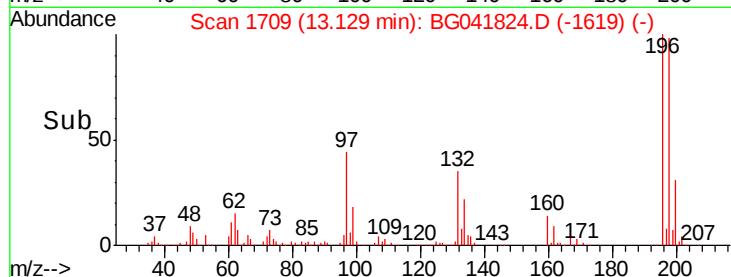
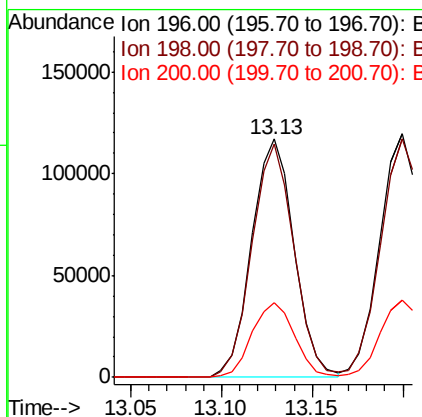
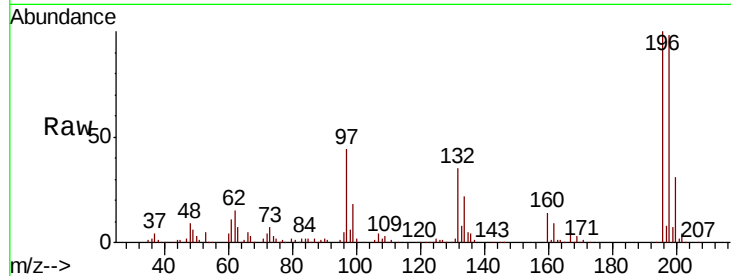
#43
 2,4,6-Trichlorophenol
 Concen: 43.585 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	190075		
198	98.2	79.6	119.4	
200	31.1	25.2	37.8	

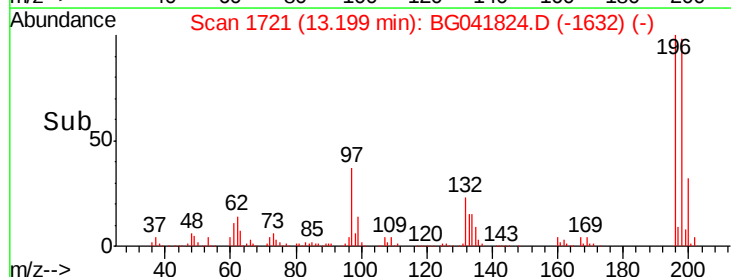
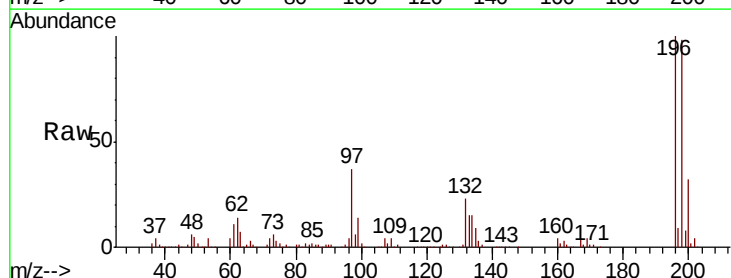
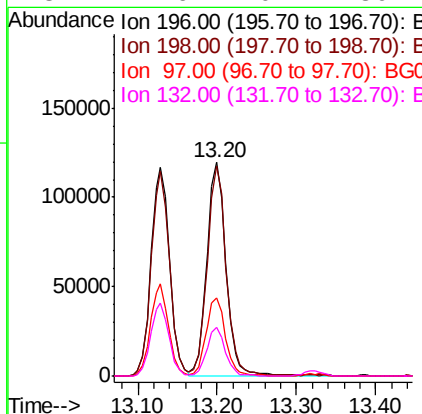
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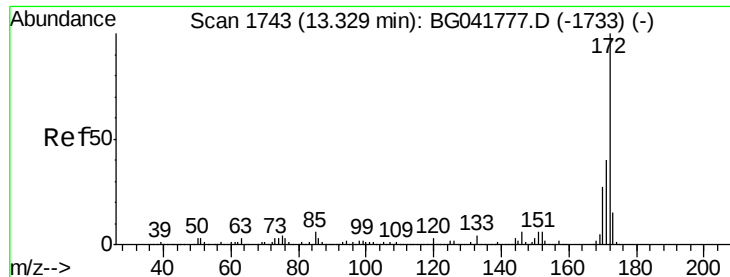
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.422 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	201315		
198	98.1	80.6	121.0	
97	36.7	33.9	50.9	
132	22.6	20.2	30.2	





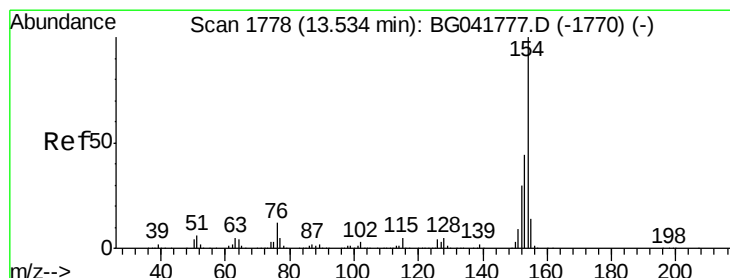
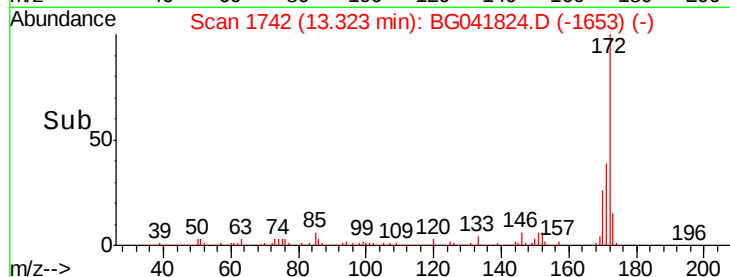
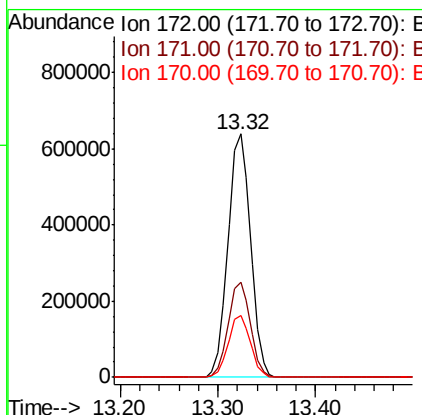
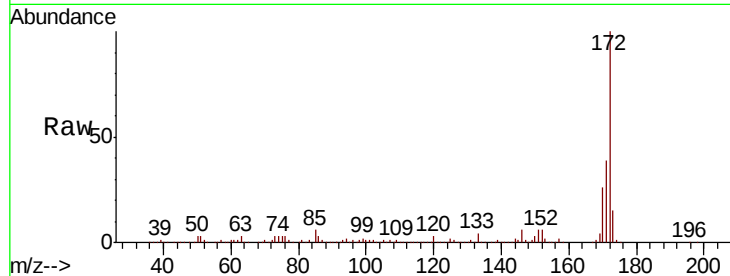
#45
2-Fluorobiphenyl
Concen: 83.109 ng
RT: 13.32 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	35.0	52.4
170	25.6	23.5	35.3

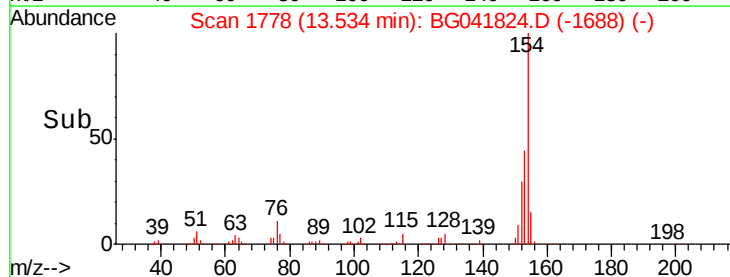
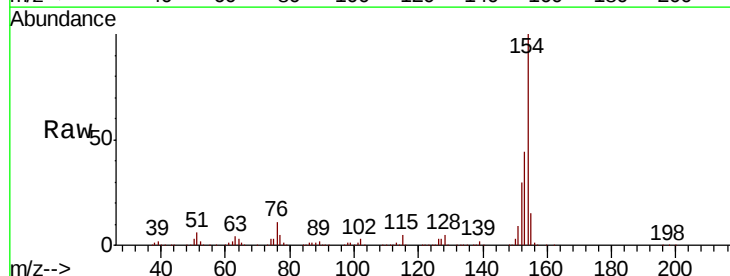
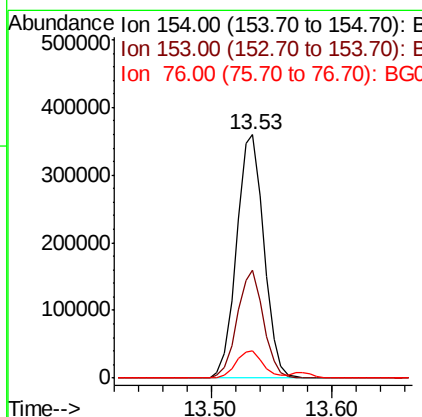
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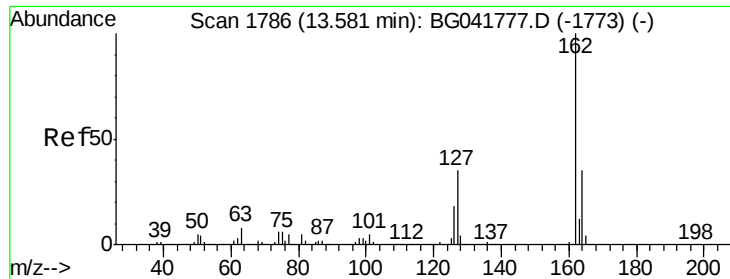
mohammad
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#46
1,1'-Biphenyl
Concen: 40.408 ng
RT: 13.53 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	25.0	65.0
76	11.3	0.0	34.5





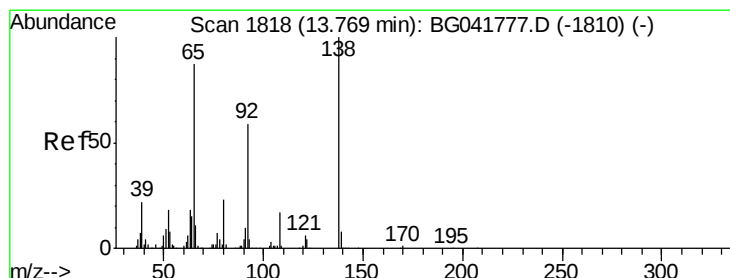
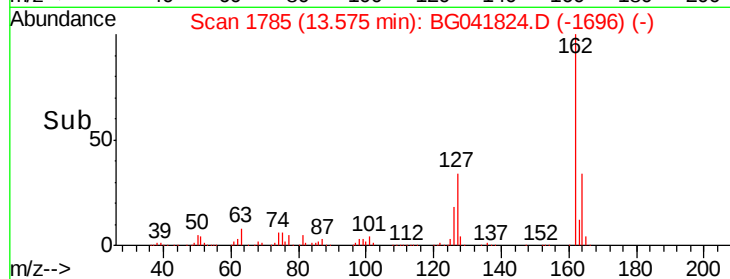
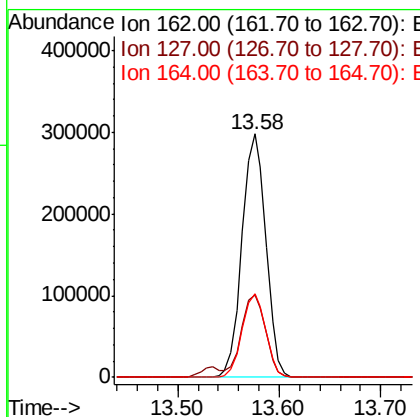
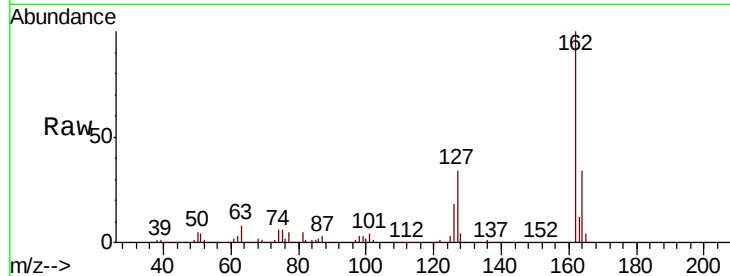
#47
 2-Chloronaphthalene
 Concen: 40.732 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	162	Resp:	485920
Ion Ratio	Lower	Upper	
162	100		
127	34.0	30.4	45.6
164	34.3	28.6	42.8

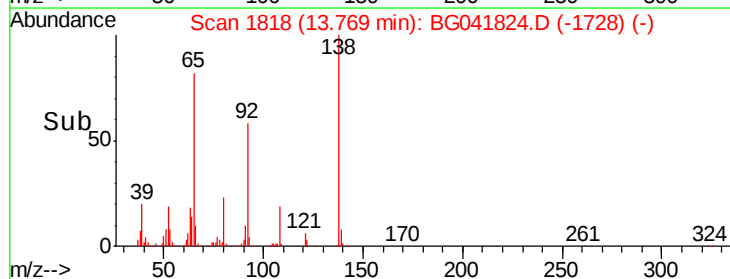
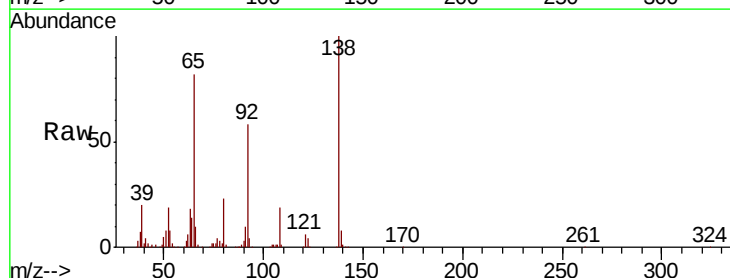
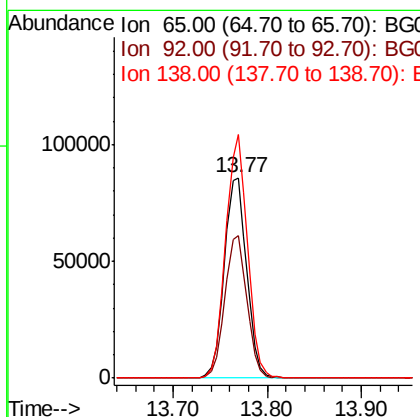
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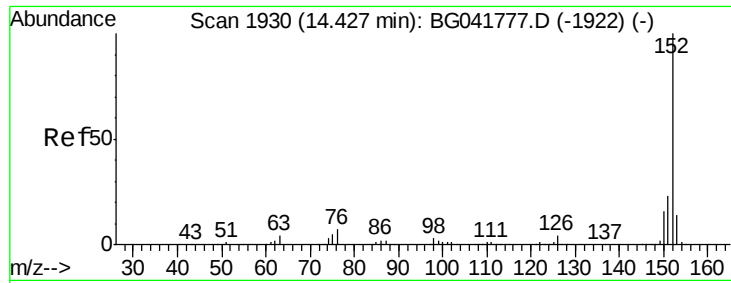
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#48
 2-Nitroaniline
 Concen: 46.939 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Tgt Ion:	65	Resp:	142022
Ion Ratio	Lower	Upper	
65	100		
92	70.9	53.9	80.9
138	121.3	83.5	125.3





#49

Acenaphthylene

Concen: 41.200 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

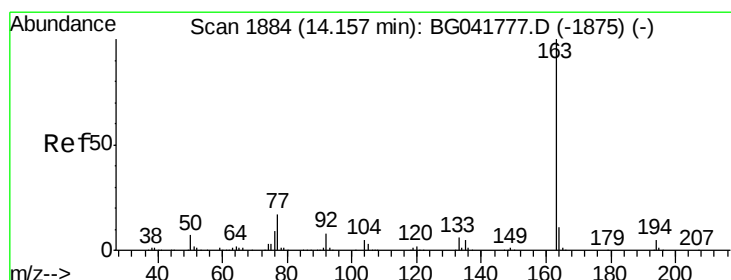
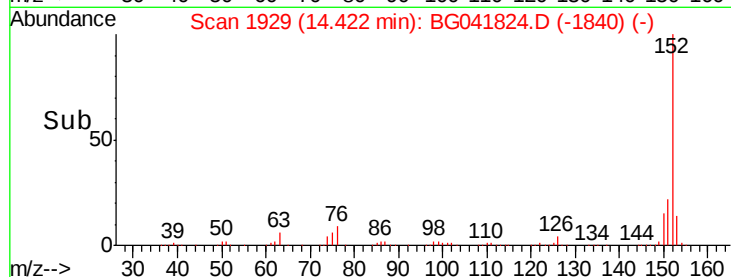
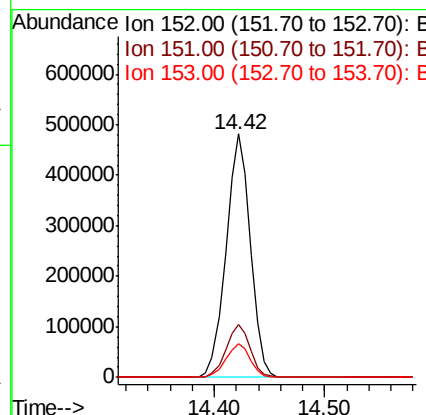
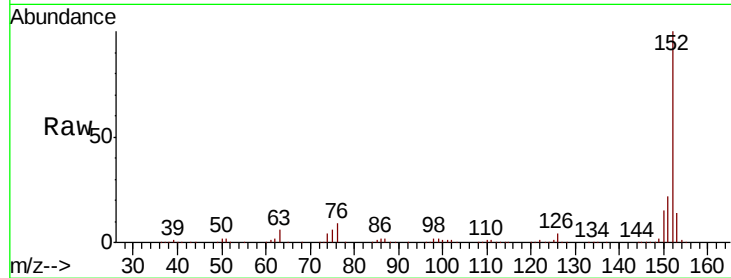
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	735223
Ion Ratio	Lower	Upper	
152	100		
151	21.9	18.7	28.1
153	14.0	12.4	18.6

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#50

Dimethylphthalate

Concen: 41.682 ng

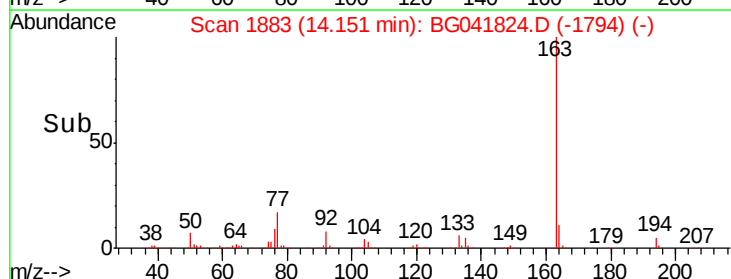
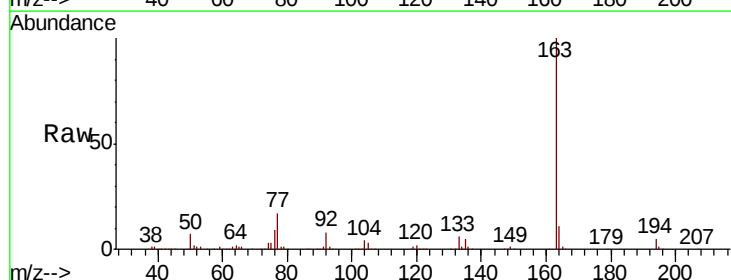
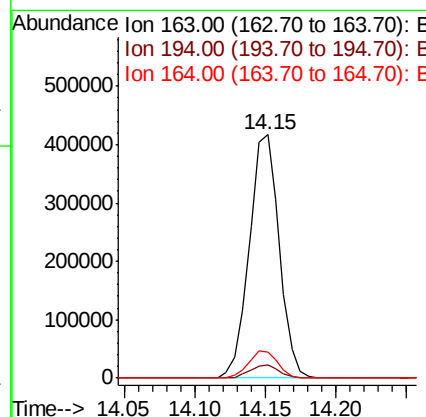
RT: 14.15 min Scan# 1883

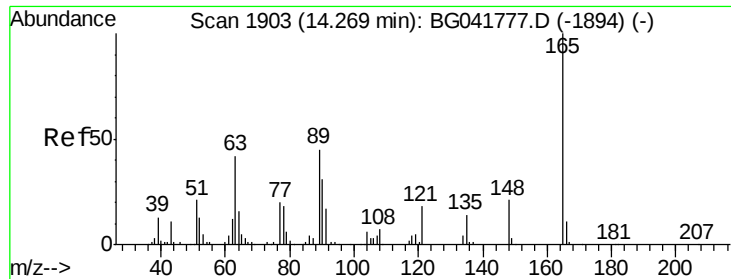
Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion:	163	Resp:	620510
Ion Ratio	Lower	Upper	
163	100		
194	5.4	4.2	6.2
164	10.5	9.4	14.2





#51

2,6-Dinitrotoluene

Concen: 46.798 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:165 Resp: 145674
Ion Ratio Lower Upper

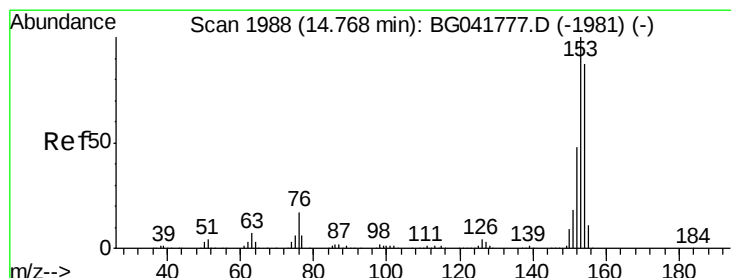
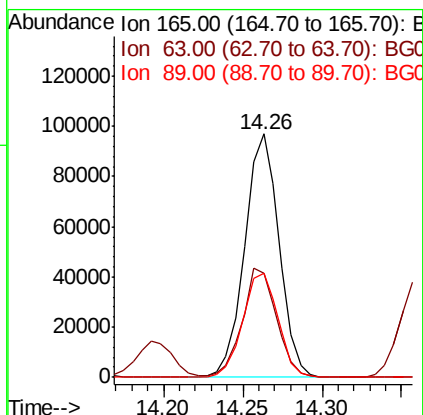
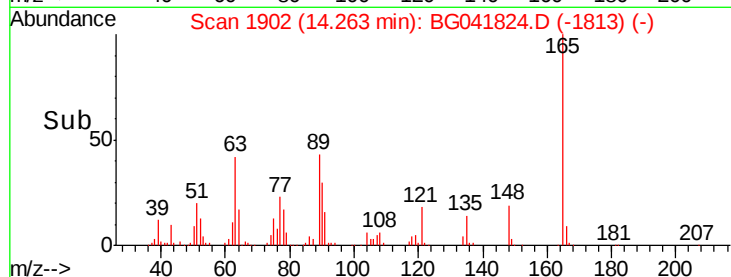
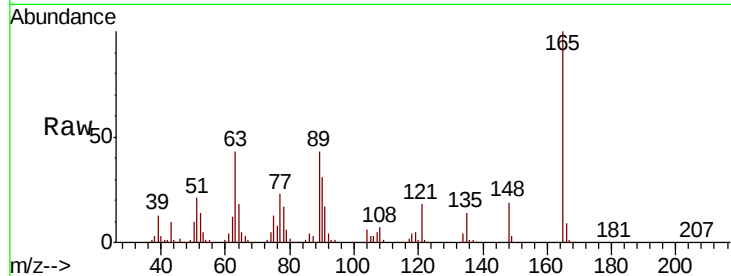
165 100

63 42.6 42.4 63.6

89 42.6 42.1 63.1

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#52

Acenaphthene

Concen: 40.541 ng

RT: 14.76 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG041824.D

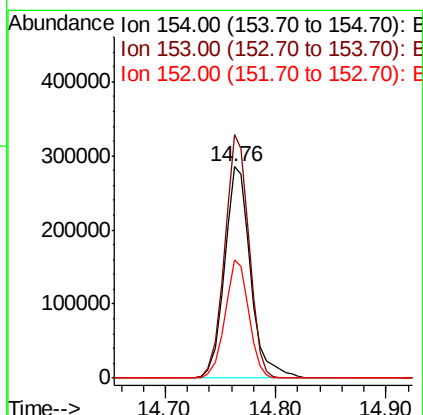
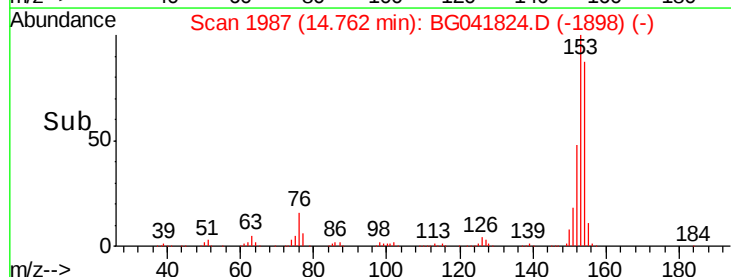
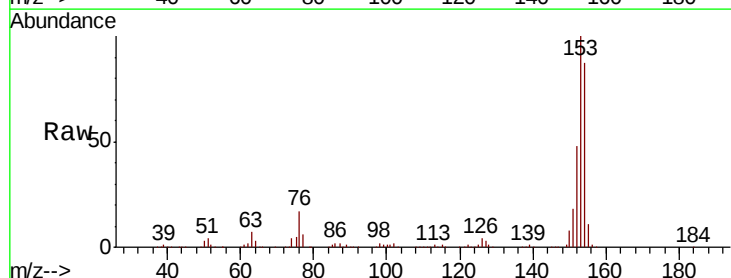
Acq: 31 Jul 2019 5:31

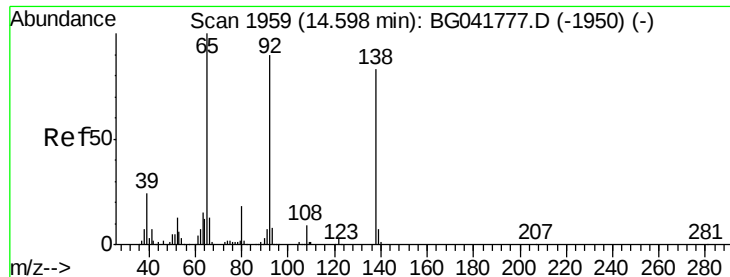
Tgt Ion:154 Resp: 470531
Ion Ratio Lower Upper

154 100

153 115.4 89.8 134.6

152 55.7 44.9 67.3





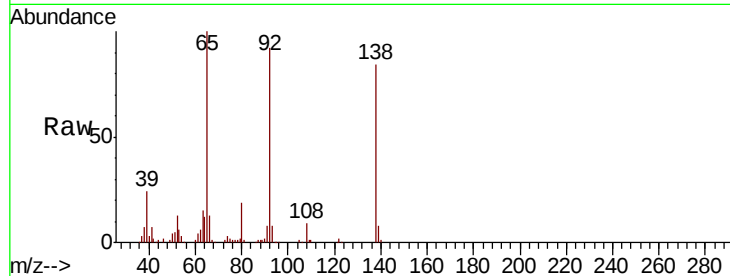
#53
3-Nitroaniline
Concen: 47.496 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	10.3	15.5
92	109.4	93.0	139.4

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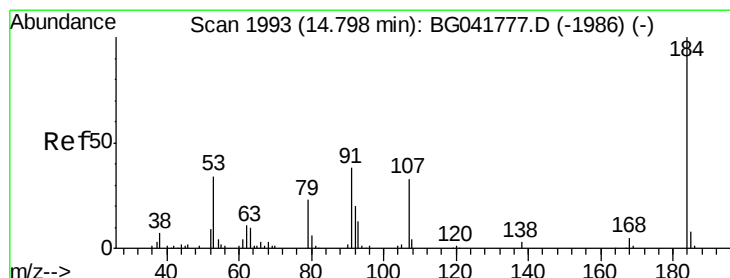
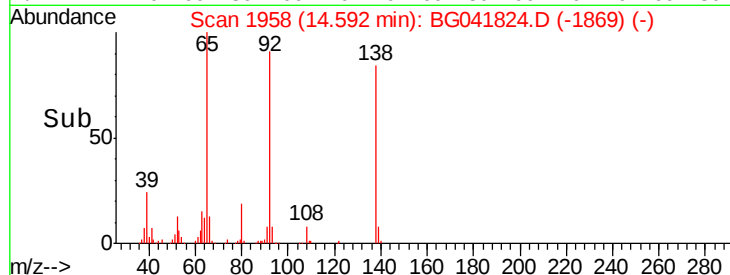
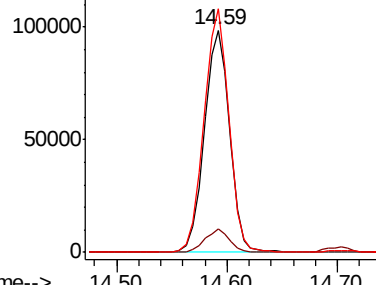


Abundance

Ion 138.00 (137.70 to 138.70): E

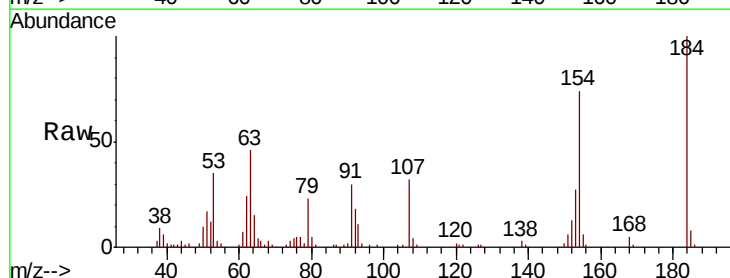
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 37.863 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.9	43.2	64.8
154	73.7	51.4	77.2

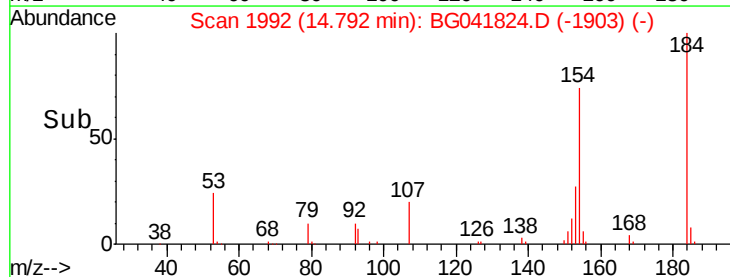
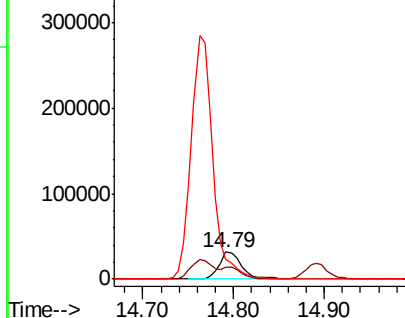


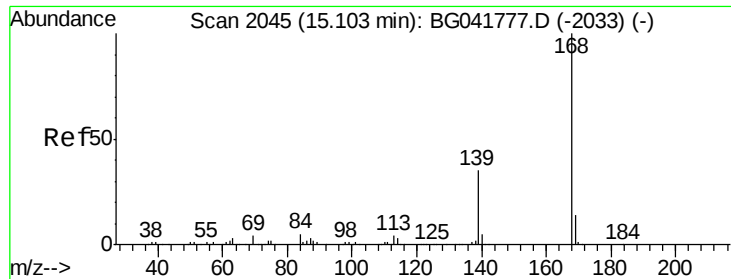
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 41.791 ng

RT: 15.10 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

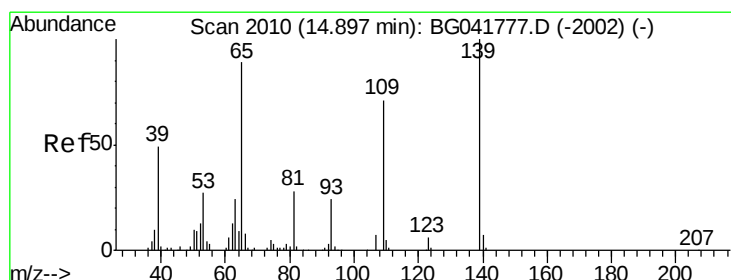
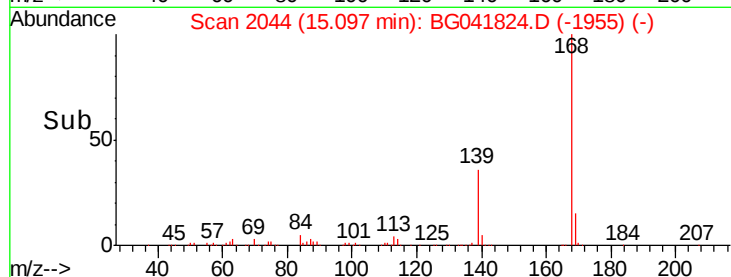
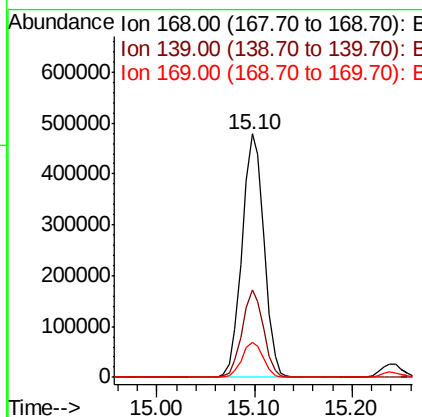
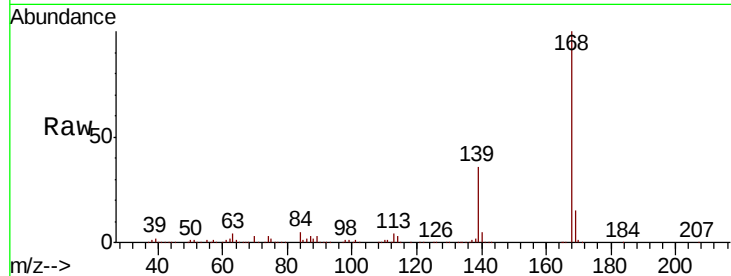
ClientSampleId :

SSTDCCC040EC

Tot Ion:	168	Resp:	741888
Ion Ratio	Lower	Upper	
168	100		
139	36.1	31.9	47.9
169	14.6	12.5	18.7

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#56

4-Nitrophenol

Concen: 51.194 ng

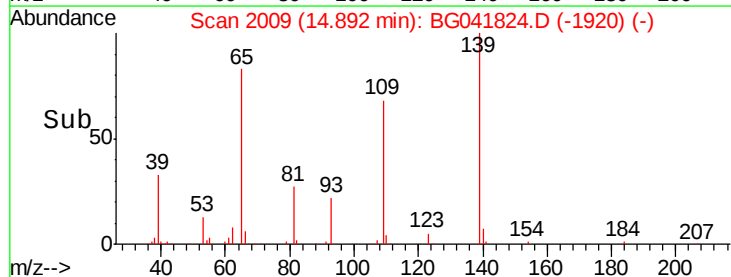
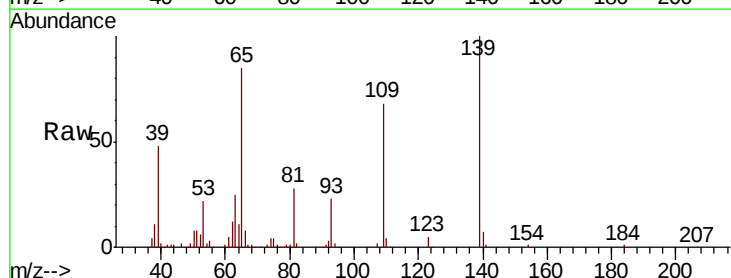
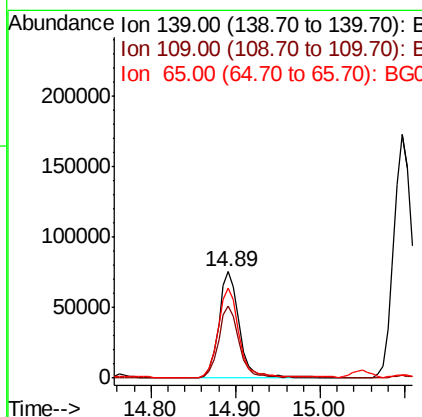
RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion:	139	Resp:	129411
Ion Ratio	Lower	Upper	
139	100		
109	68.0	51.3	91.3
65	84.8	77.6	117.6





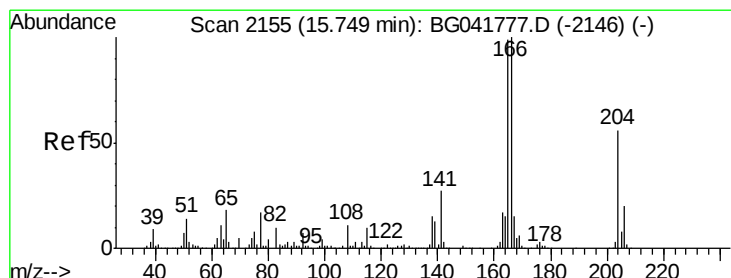
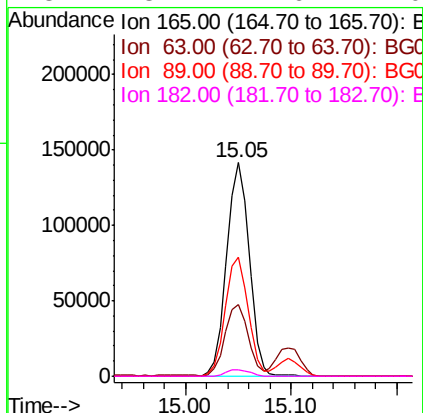
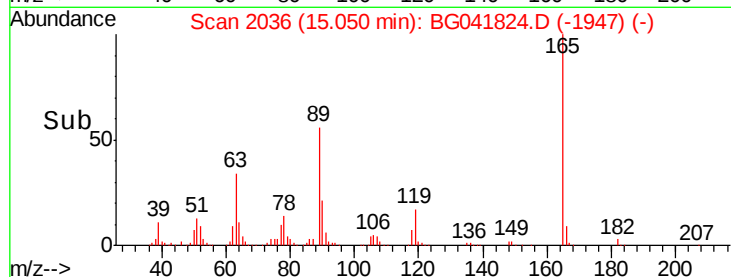
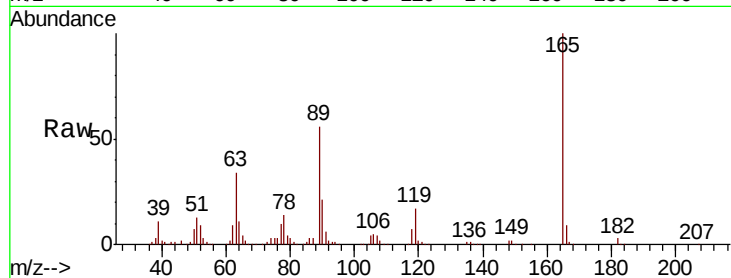
#57
 2,4-Dinitrotoluene
 Concen: 48.994 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	209734		
63	33.7		31.7	47.5
89	55.7		50.2	75.4
182	3.2		2.6	4.0

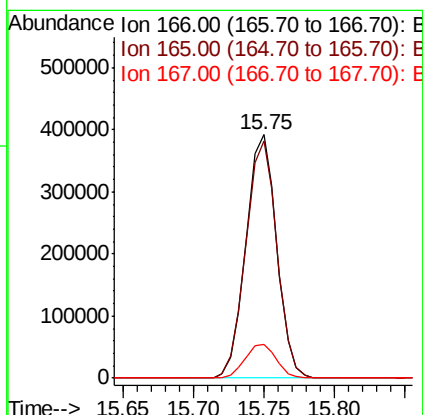
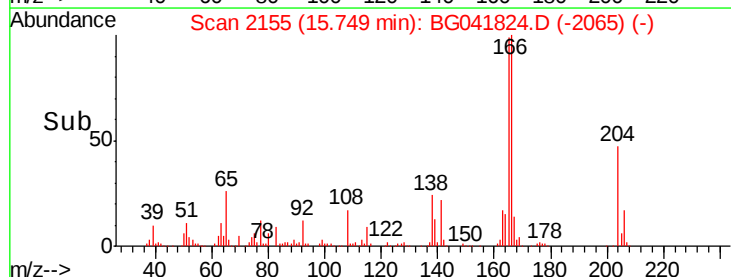
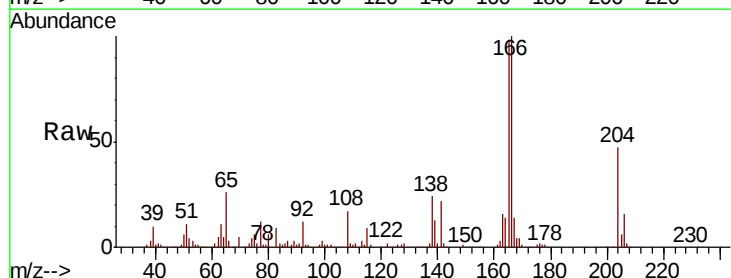
Manual Integrations
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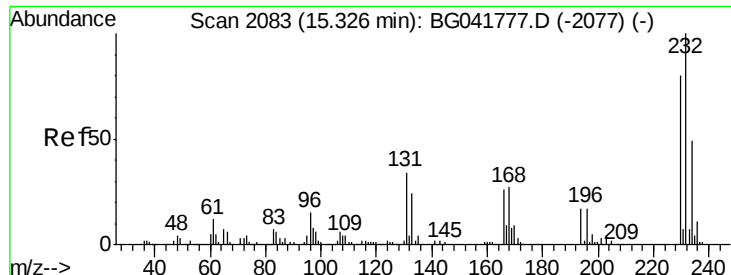
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#58
 Fluorene
 Concen: 42.128 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	600179		
165	97.6		80.5	120.7
167	13.9		12.4	18.6





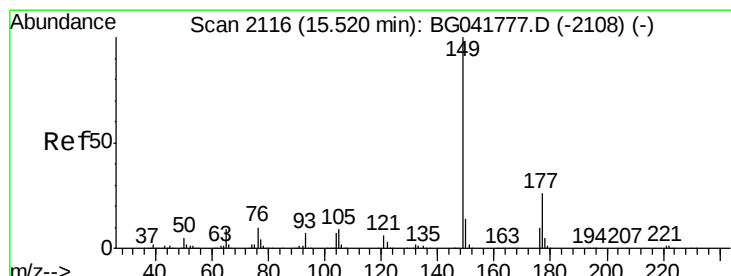
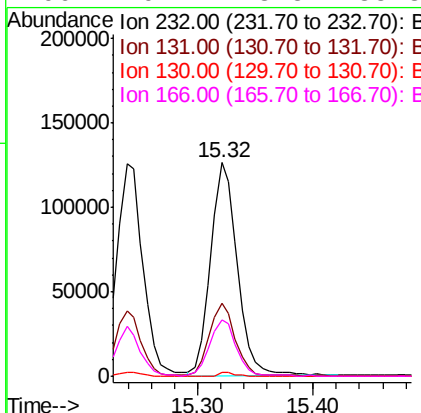
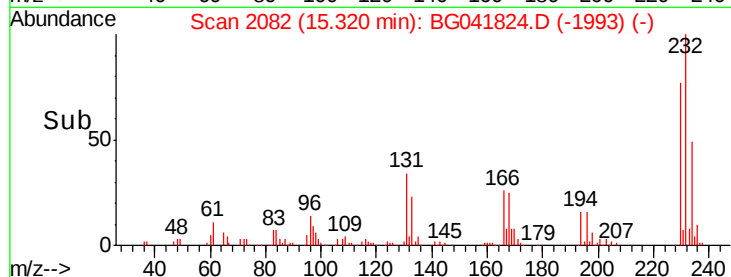
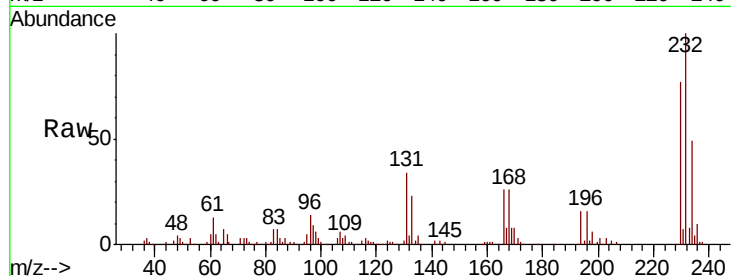
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.731 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	200770		
131	33.6		31.8	47.6
130	1.2		1.8	2.8
166	26.4		23.5	35.3

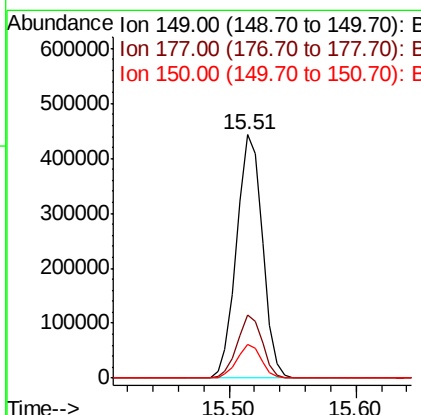
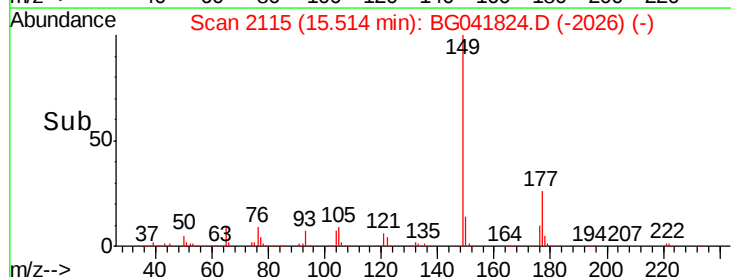
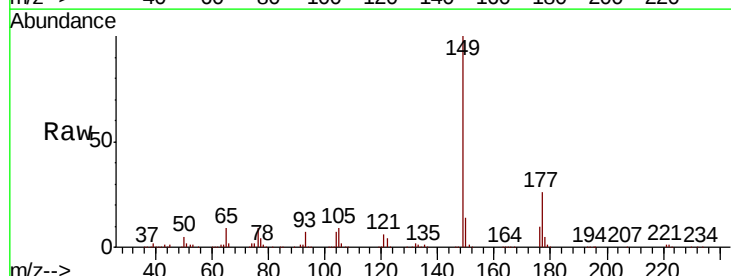
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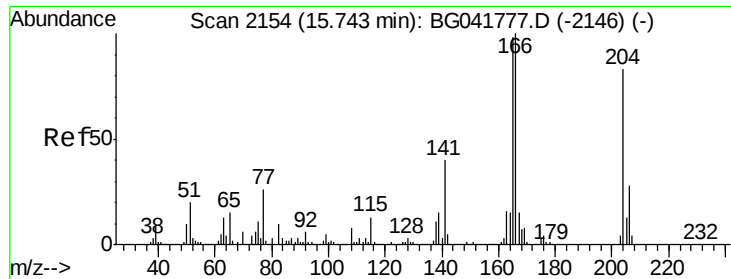
mohammad
 8/1/2019 5:05:19 PM



#60
 Diethylphthalate
 Concen: 42.635 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	623121		
177	25.7		20.7	31.1
150	13.9		11.5	17.3





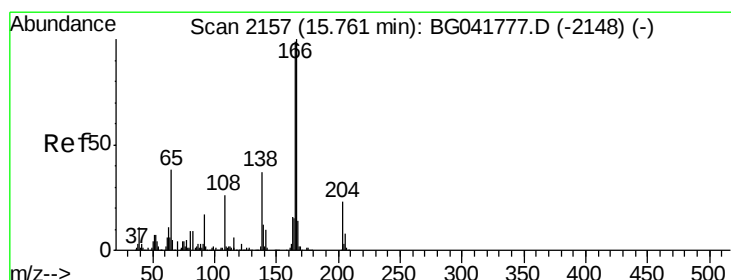
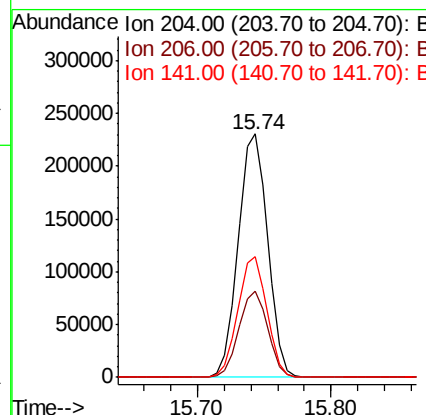
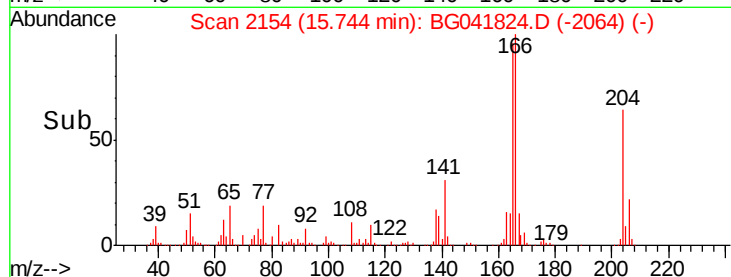
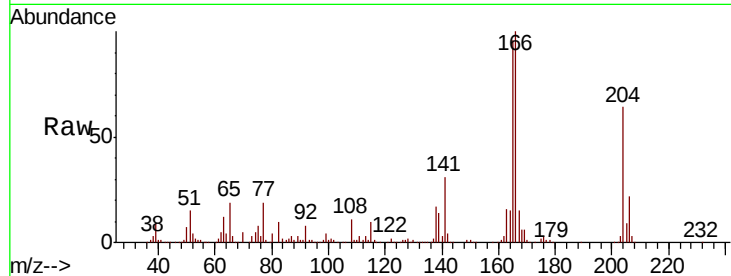
#61
4-Chlorophenyl-phenylether
Concen: 40.549 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
204	100	352665		
206	35.2	28.6	42.8	
141	49.4	42.9	64.3	

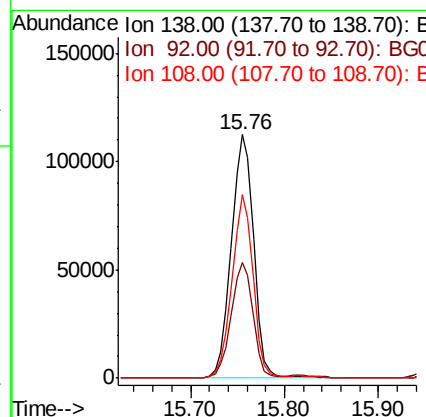
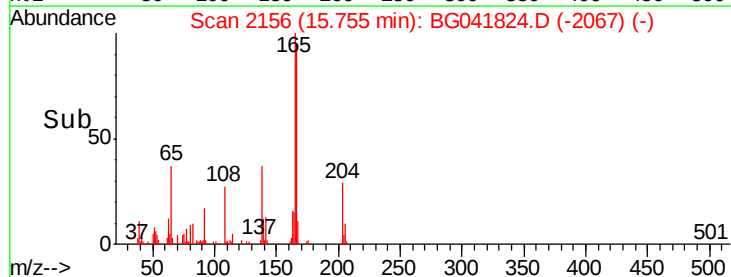
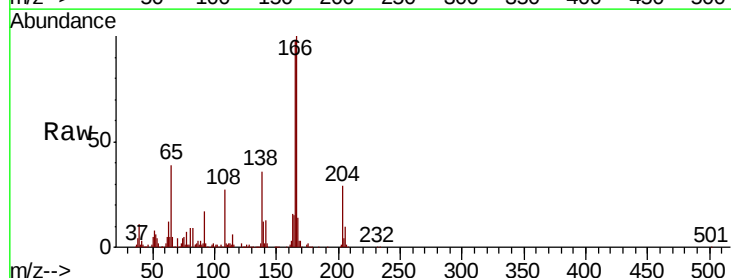
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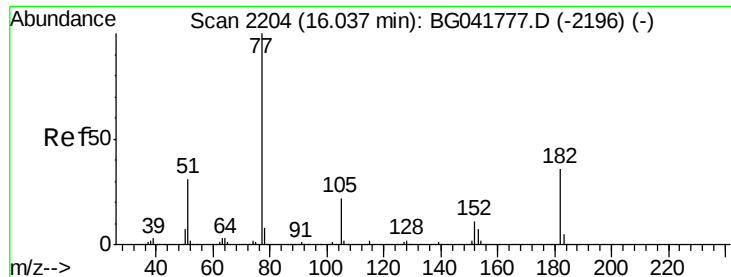
mohammad
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#62
4-Nitroaniline
Concen: 51.638 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	186260		
92	47.4	29.8	69.8	
108	75.4	52.2	92.2	





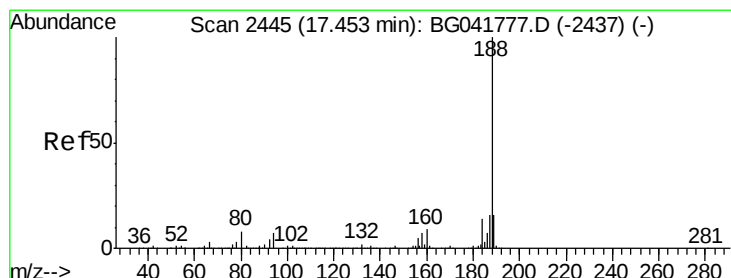
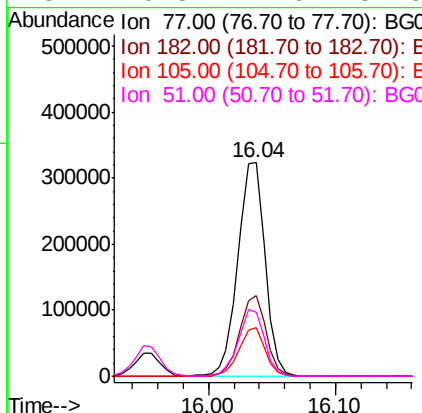
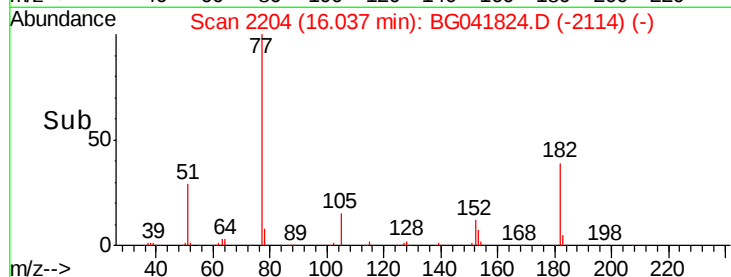
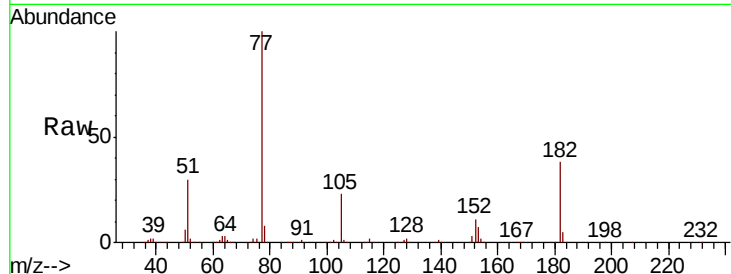
#63
Azobenzene
Concen: 40.230 ng
RT: 16.04 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:	77	Resp:	480304
Ion	Ratio	Lower	Upper
77	100		
182	37.6	13.2	53.2
105	22.7	2.2	42.2
51	29.8	14.6	54.6

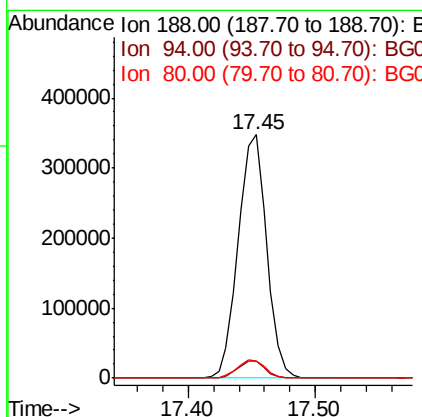
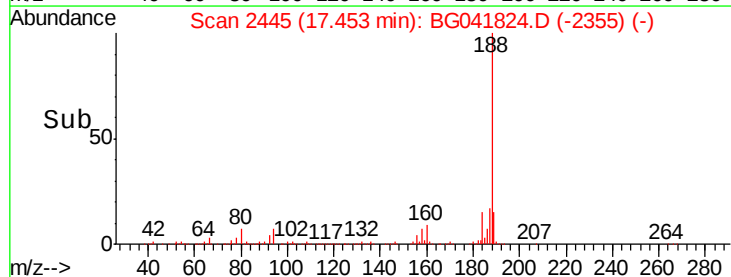
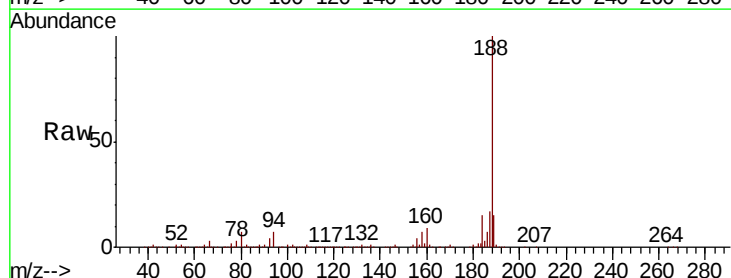
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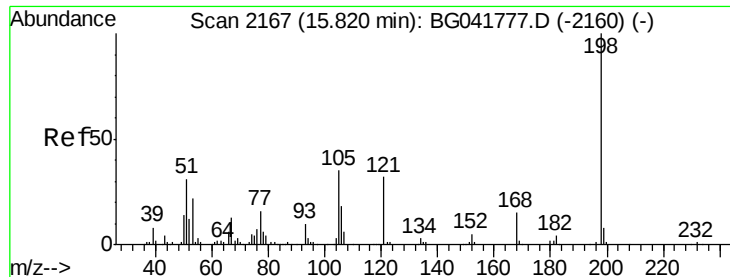
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion:	188	Resp:	538576
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.9	10.3
80	7.0	8.0	12.0#





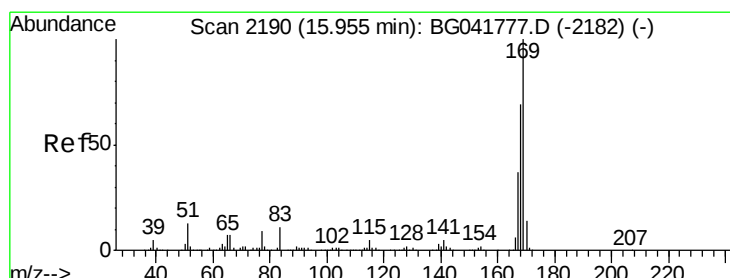
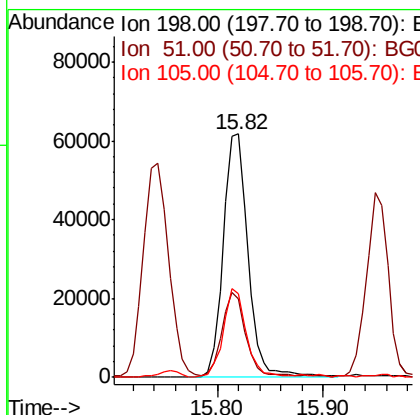
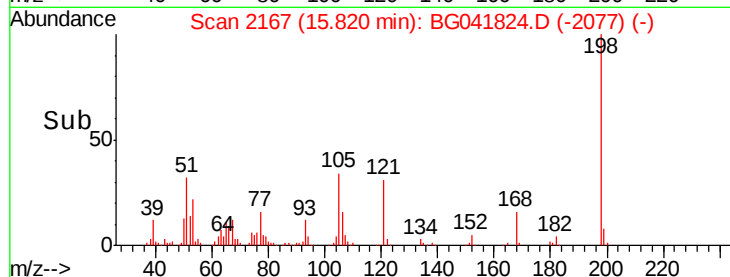
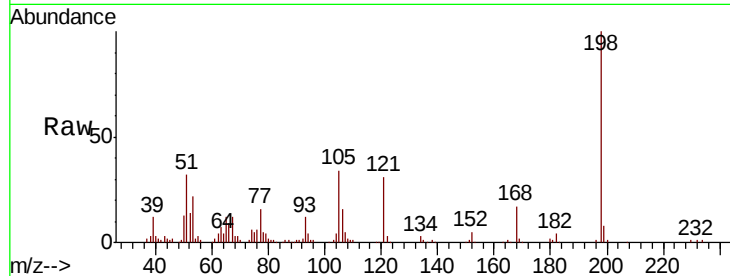
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.642 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
198	100		
51	32.2	22.3	62.3
105	34.4	18.0	58.0

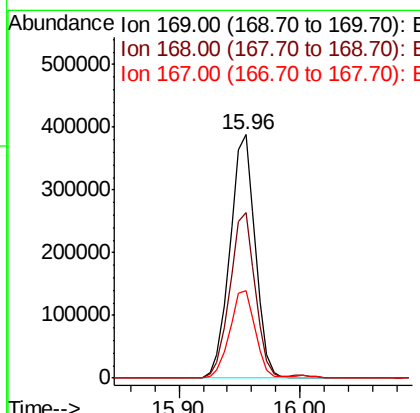
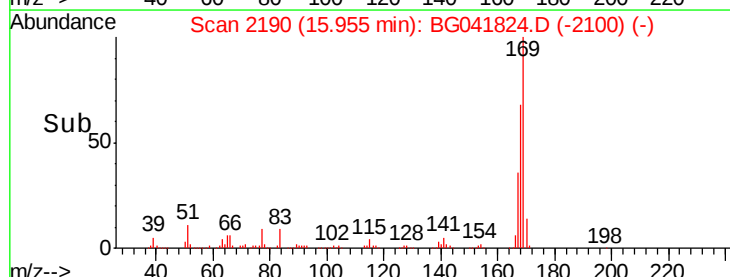
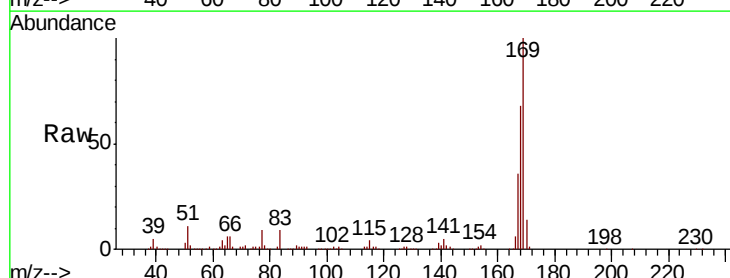
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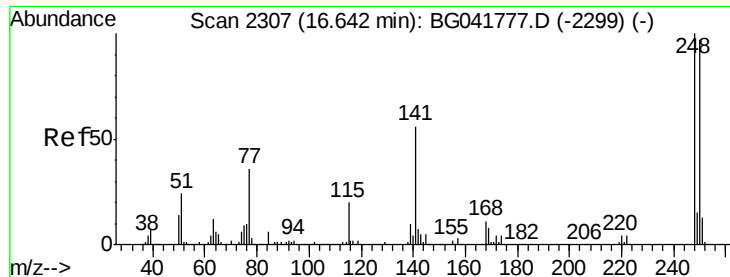
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 38.377 ng
 RT: 15.96 min Scan# 2190
 Delta R.T. 0.00 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	56.9	85.3
167	36.0	31.5	47.3





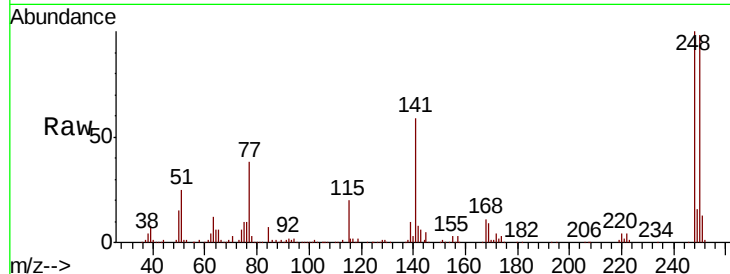
#67
 4-Bromophenyl-phenylether
 Concen: 37.210 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.1	117.1
141	58.5	49.6	74.4

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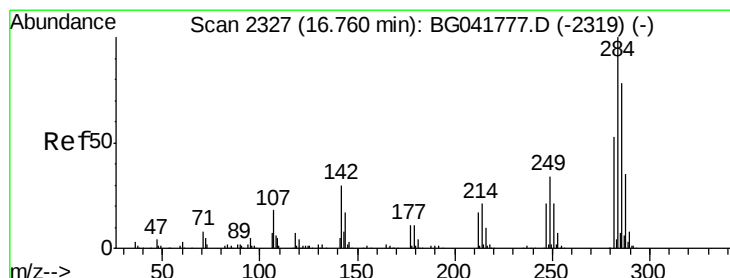
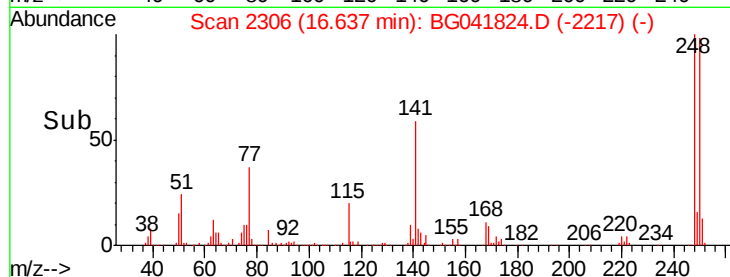
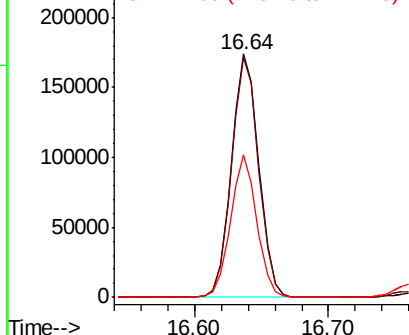


Abundance

Ion 248.00 (247.70 to 248.70): E

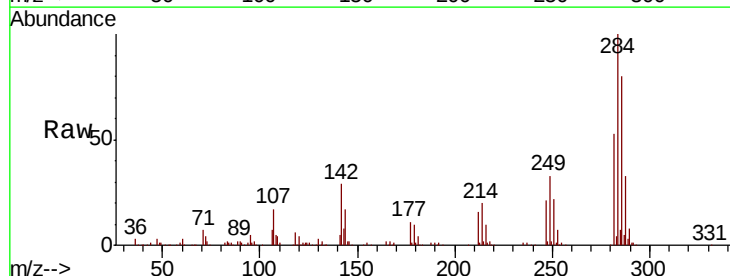
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.295 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	27.0	40.6
249	32.5	28.4	42.6

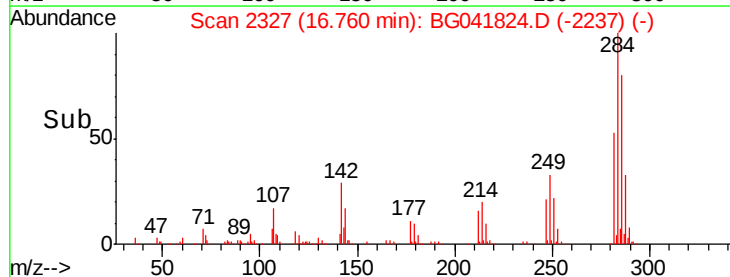
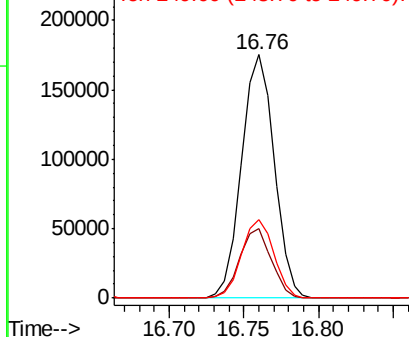


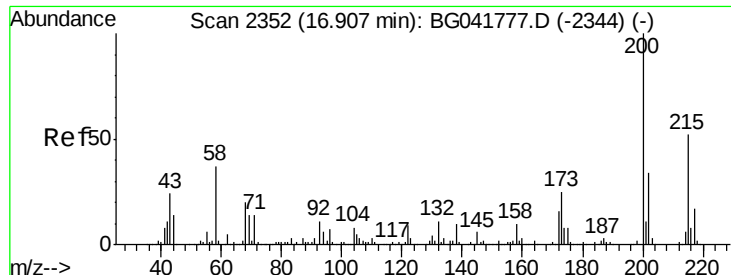
Abundance

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





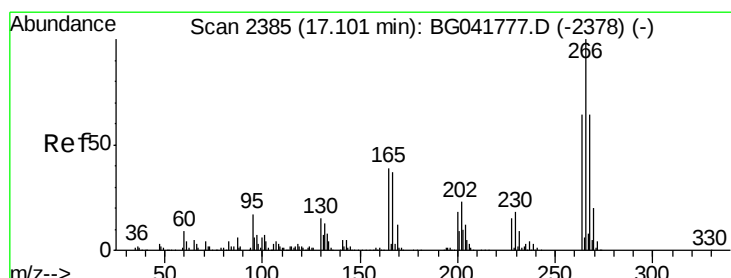
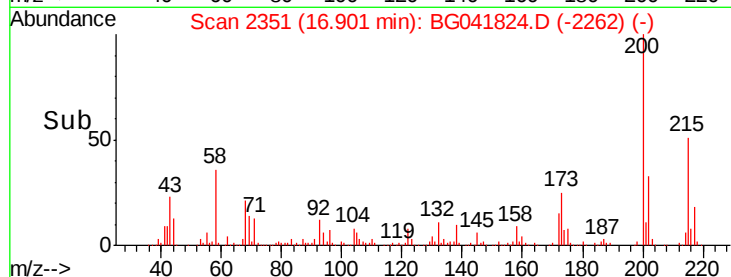
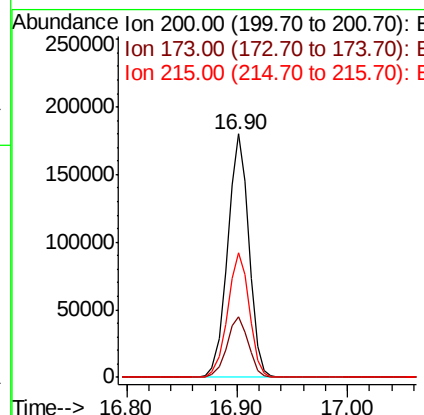
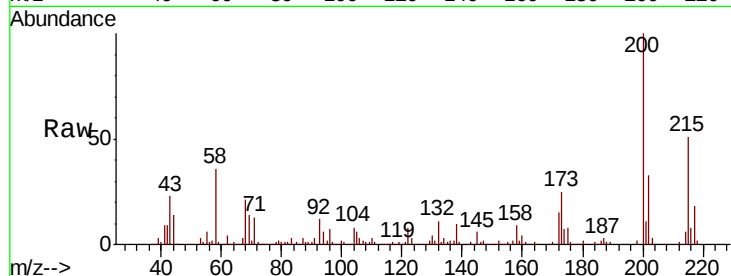
#69
Atrazine
Concen: 42.135 ng
RT: 16.90 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.3	45.3
215	51.1	31.8	71.8

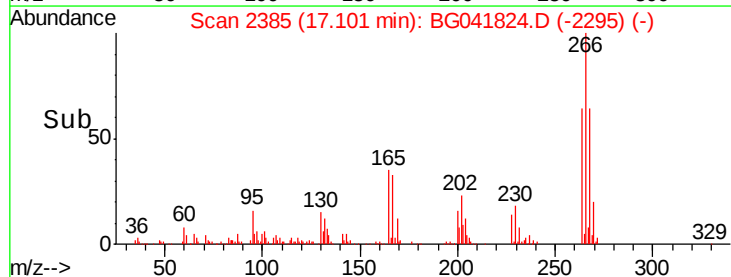
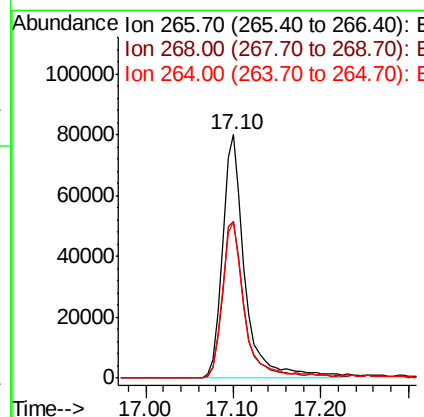
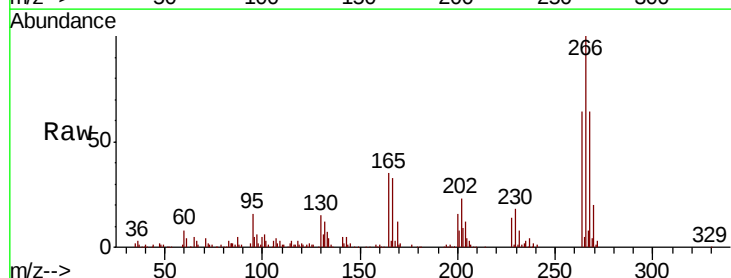
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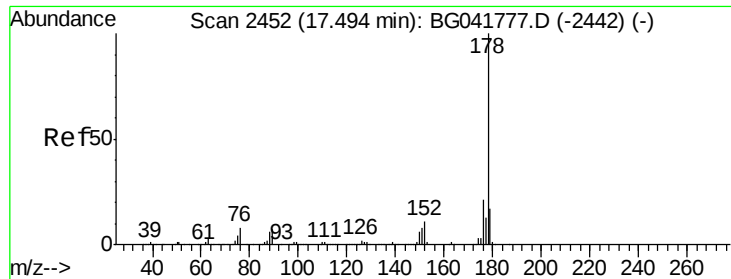
mohammad
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#70
Pentachlorophenol
Concen: 35.890 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.9	79.3
264	64.2	51.4	77.2





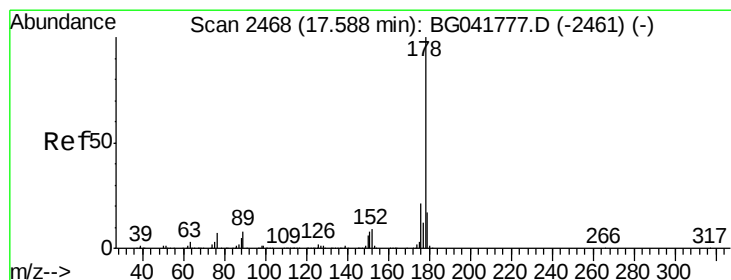
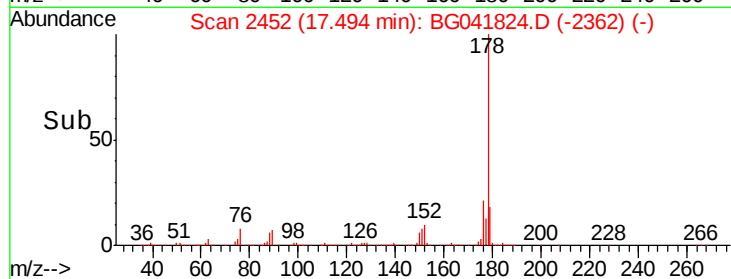
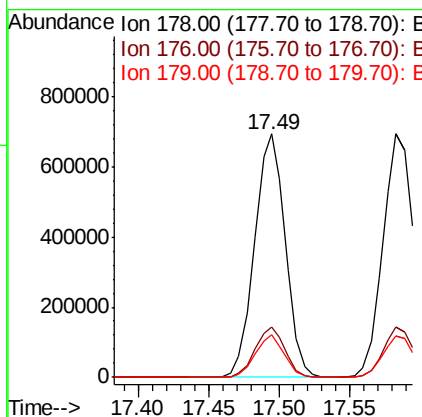
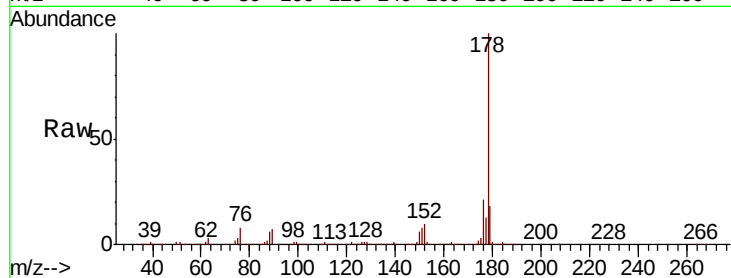
#71
Phenanthrene
Concen: 41.029 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	18.6	28.0
179	17.5	15.4	23.0

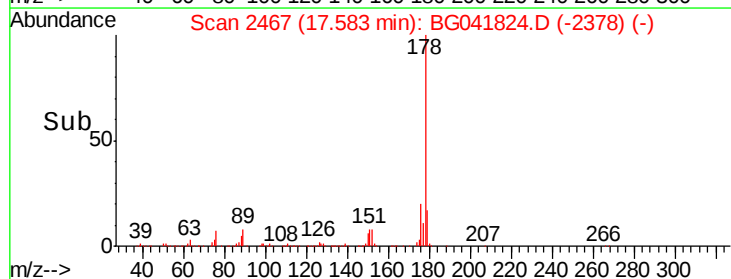
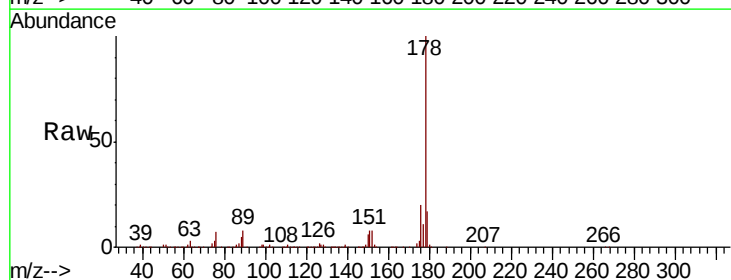
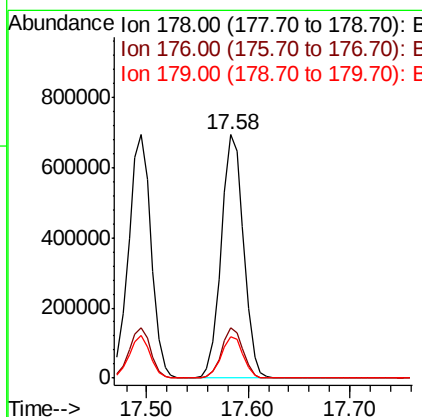
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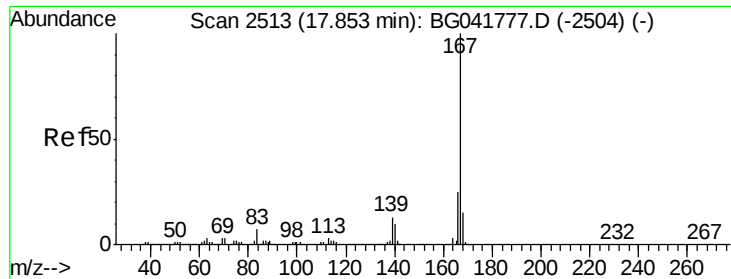
mohammad
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#72
Anthracene
Concen: 41.198 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	18.6	28.0
179	17.2	15.1	22.7





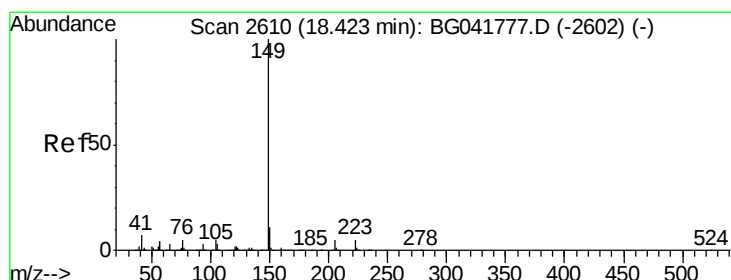
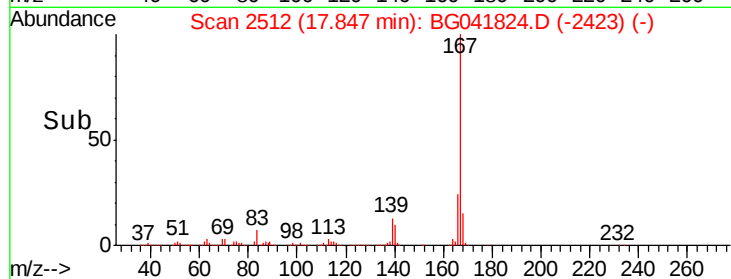
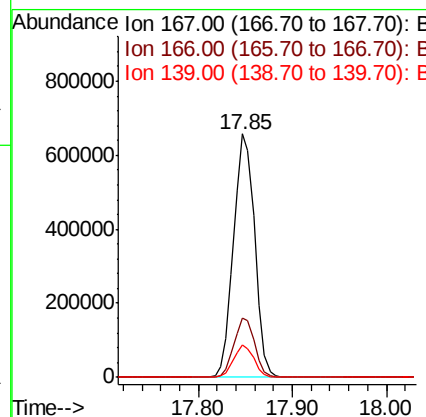
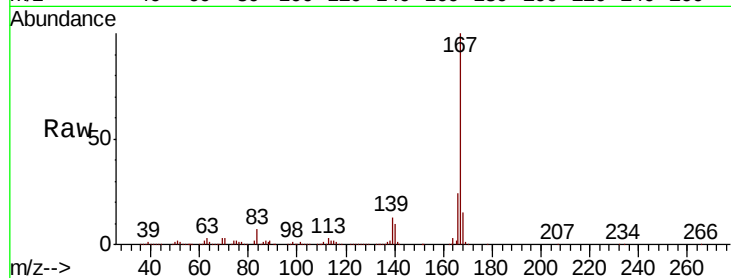
#73
 Carbazole
 Concen: 44.552 ng
 RT: 17.85 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.2	21.4	32.2
139	13.1	12.1	18.1

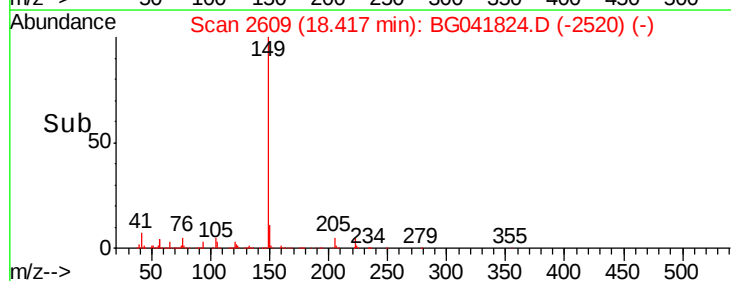
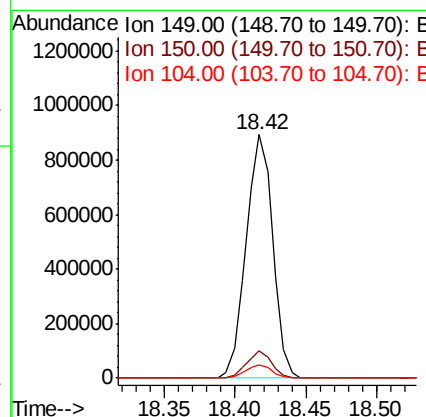
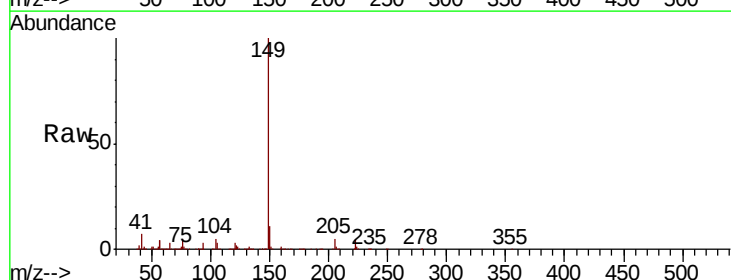
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#74
 Di-n-butylphthalate
 Concen: 45.039 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041824.D
 Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	10.2	15.2
104	5.3	5.3	7.9#





#75

Fluoranthene

Concen: 46.179 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

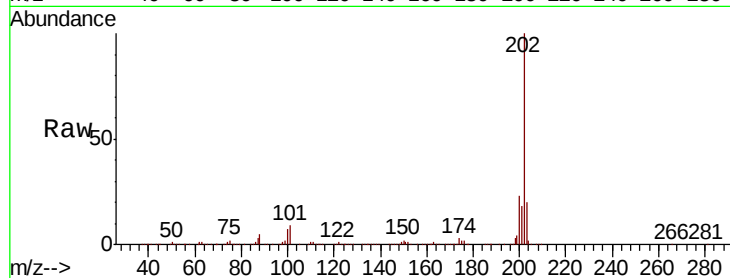
ClientSampleId :

SSTDCCC040EC

Tot Ion:	202	Resp:	1449069
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	32.8
203	20.5	3.7	43.7

Manual Integrations
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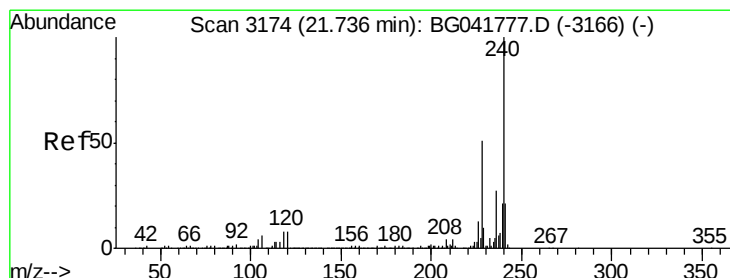
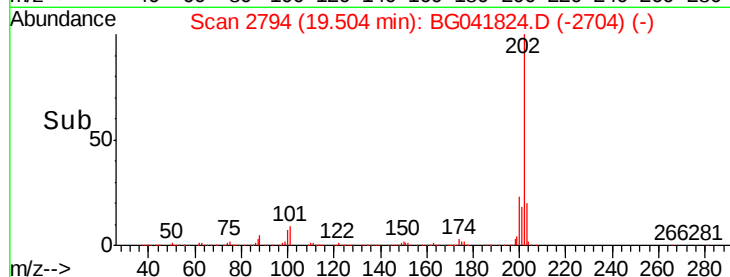
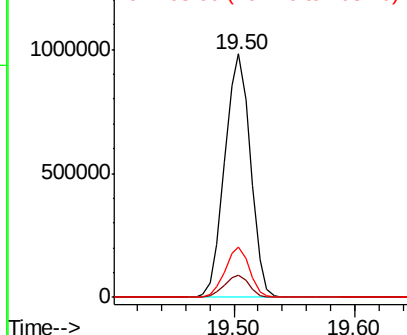


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

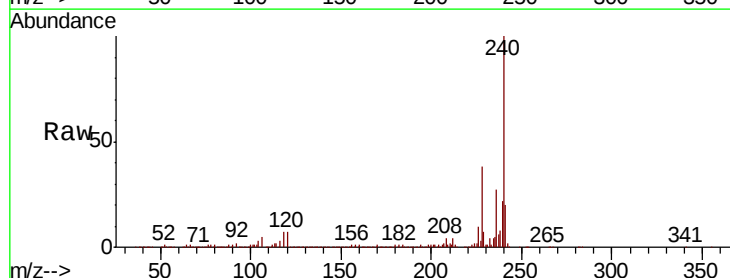
RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Tgt Ion:	240	Resp:	638371
Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.0	12.0#
236	26.8	22.6	33.8

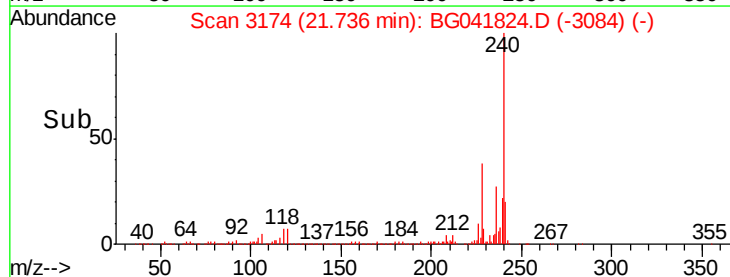
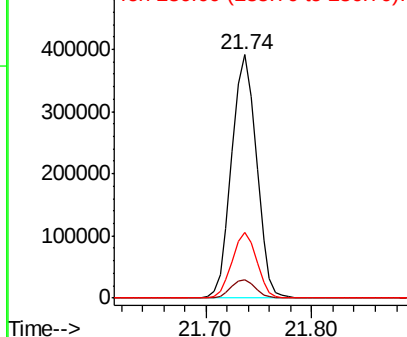


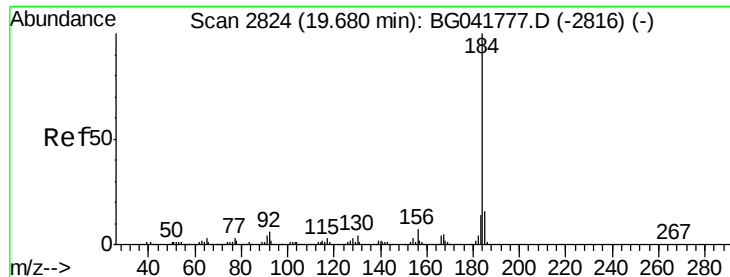
Abundance

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: 31.916 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 665021

Ion Ratio Lower Upper

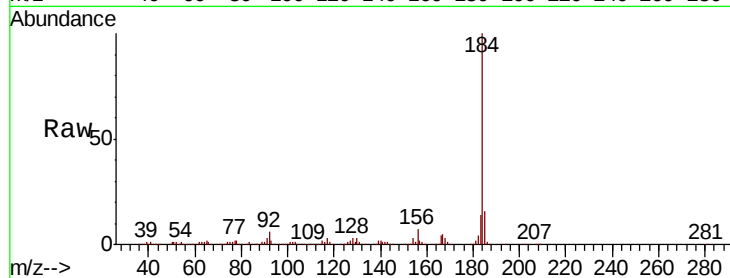
184 100

185 16.0 13.0 19.4

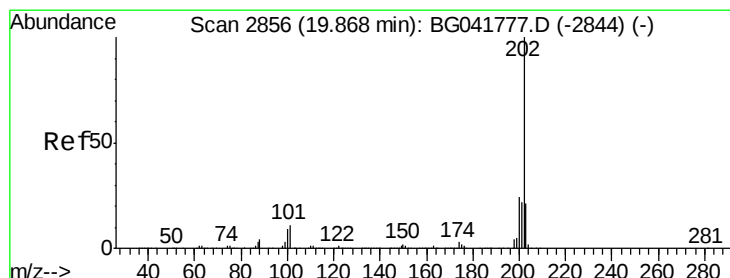
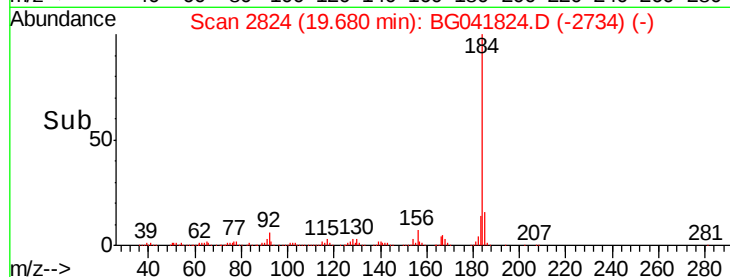
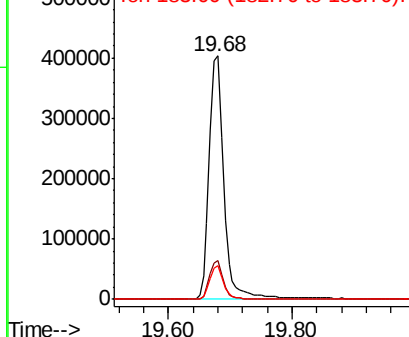
183 13.6 11.8 17.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.454 ng

RT: 19.86 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

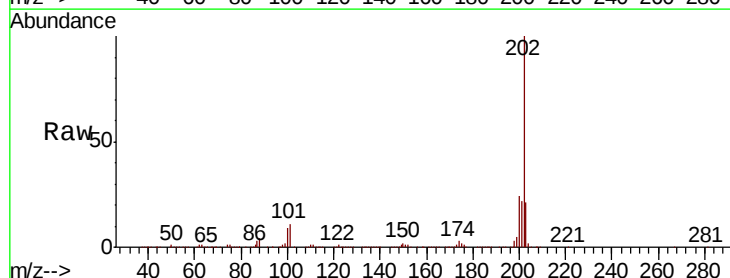
Tgt Ion:202 Resp: 1454444

Ion Ratio Lower Upper

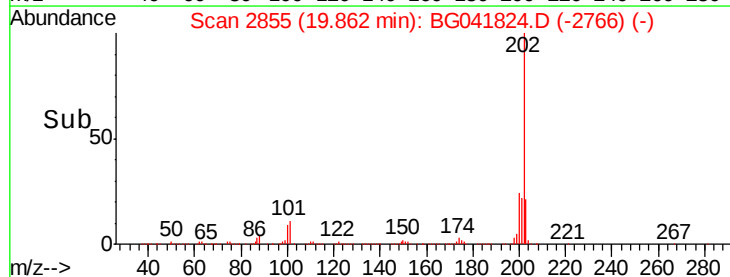
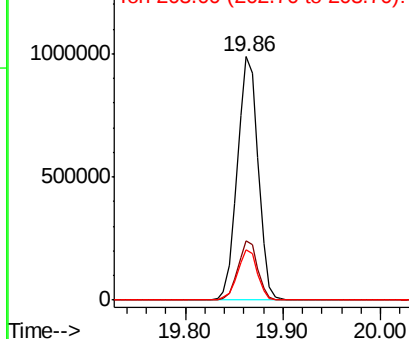
202 100

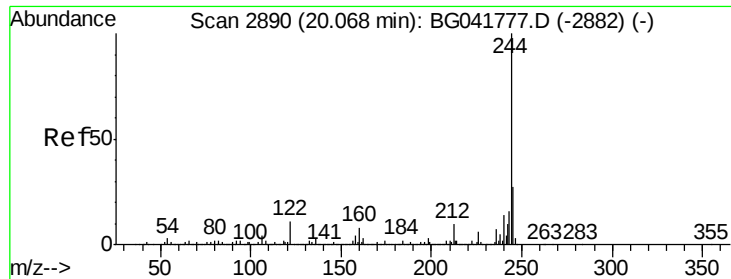
200 24.5 22.2 33.2

203 20.8 18.9 28.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.008 ng

RT: 20.06 min Scan# 2889

Delta R.T. -0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2008853

Ion Ratio Lower Upper

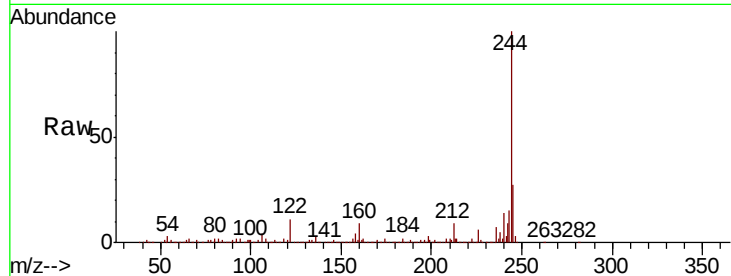
244 100

212 9.4 9.7 14.5#

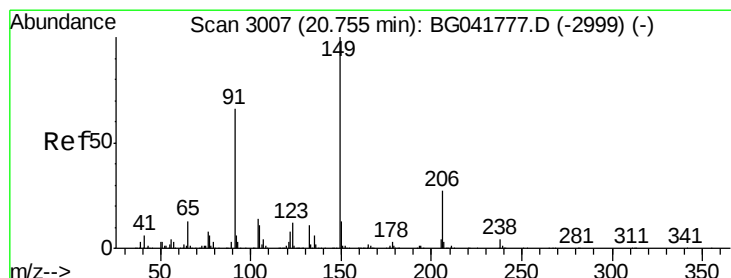
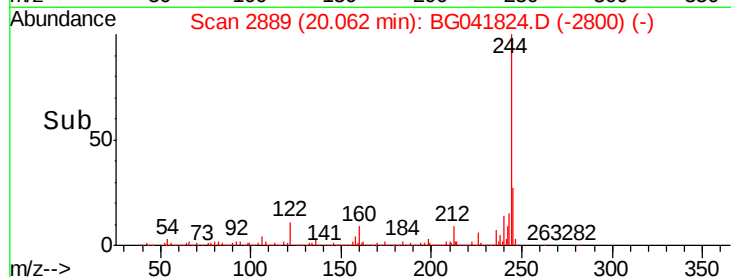
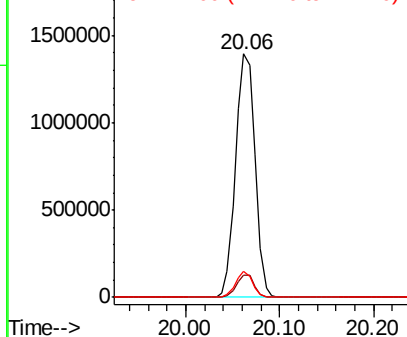
122 10.7 12.5 18.7#

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.632 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

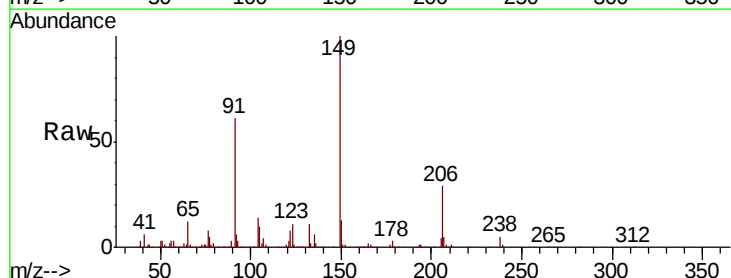
Tgt Ion:149 Resp: 618218

Ion Ratio Lower Upper

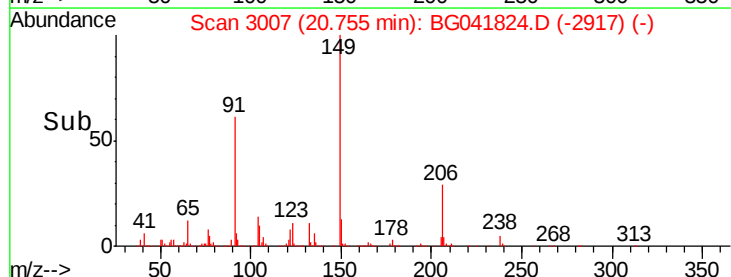
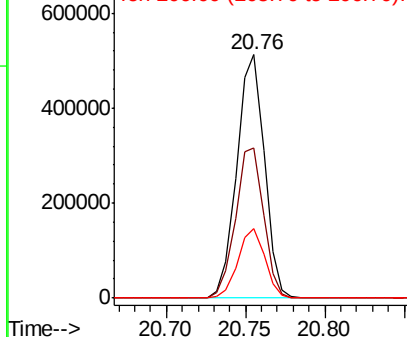
149 100

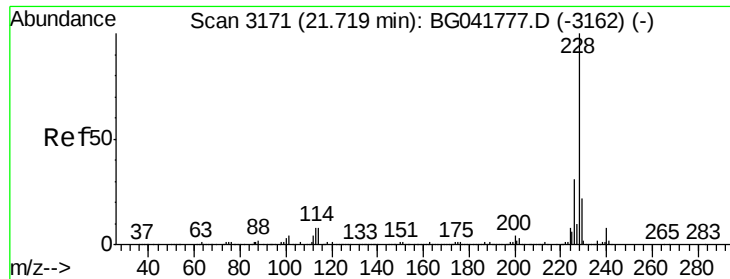
91 61.5 58.9 88.3

206 28.7 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.380 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 1525098

Ion Ratio Lower Upper

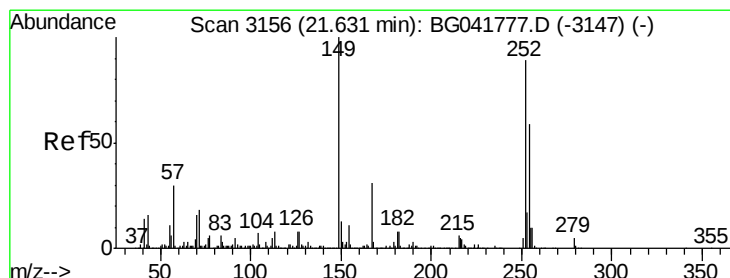
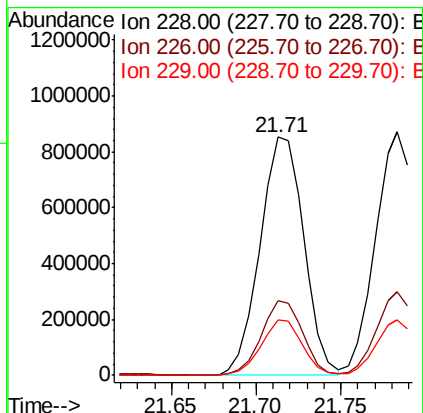
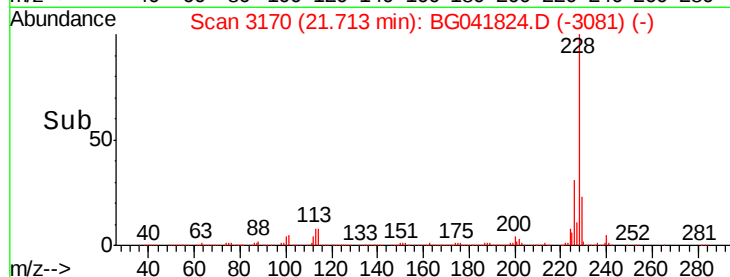
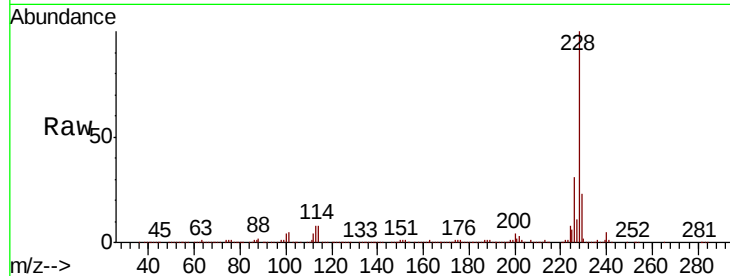
228 100

226 31.3 27.3 40.9

229 23.4 19.7 29.5

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#82

3,3'-Dichlorobenzidine

Concen: 42.436 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

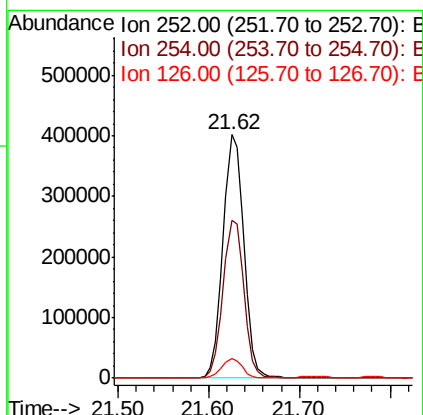
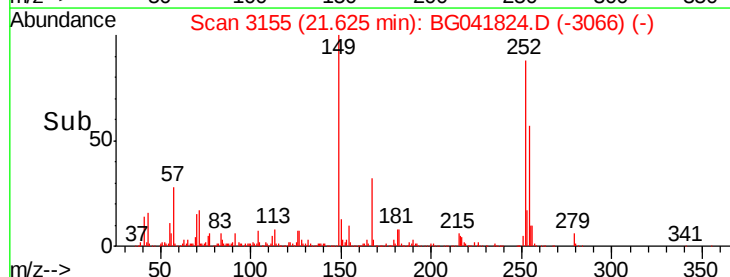
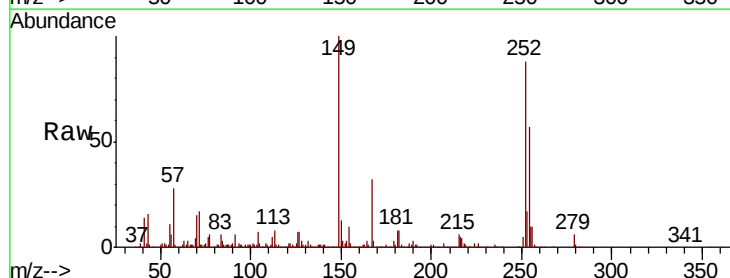
Tgt Ion:252 Resp: 643499

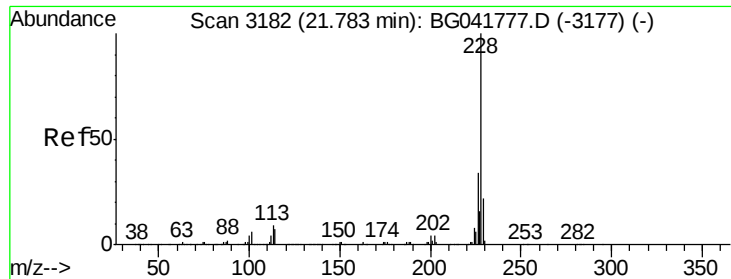
Ion Ratio Lower Upper

252 100

254 65.0 53.8 80.6

126 8.3 7.8 11.8





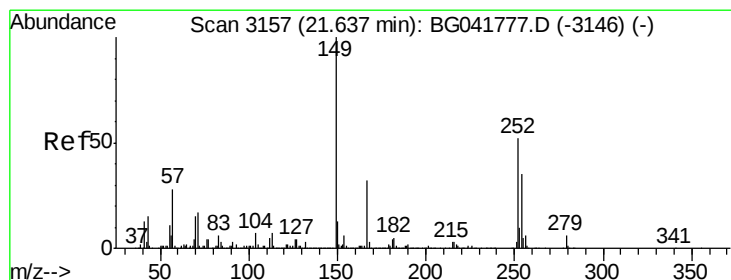
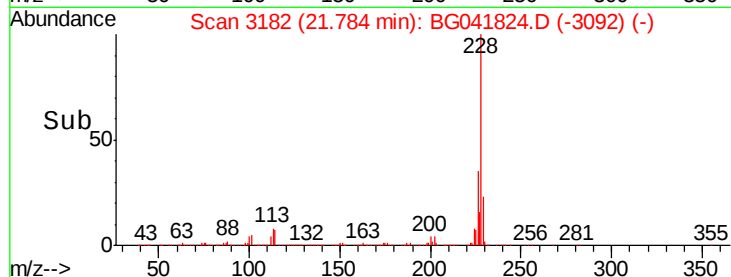
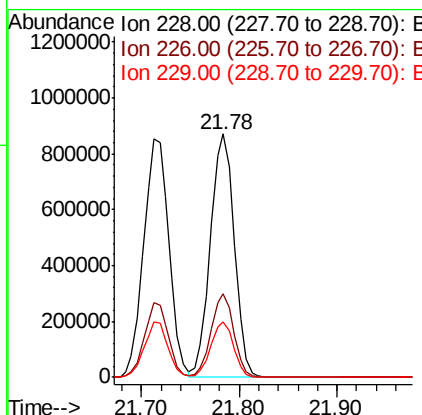
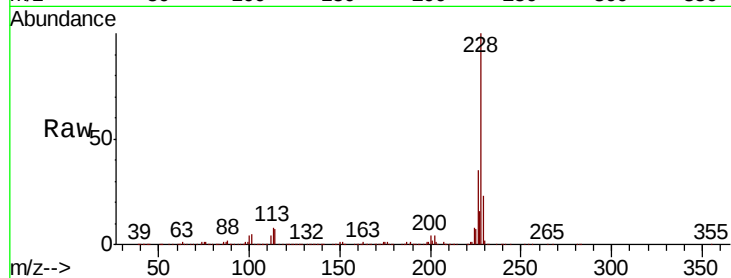
#83
Chrysene
Concen: 40.762 ng
RT: 21.78 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 1475742
Ion Ratio Lower Upper
228 100
226 34.5 30.1 45.1
229 22.9 19.8 29.6

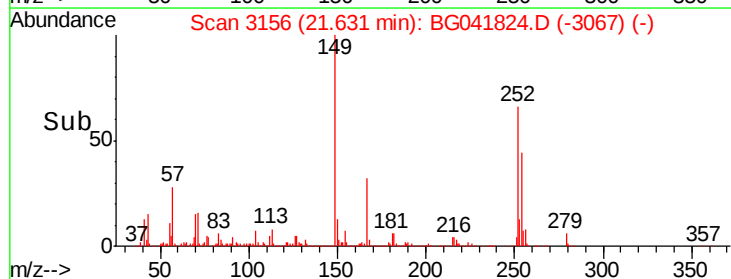
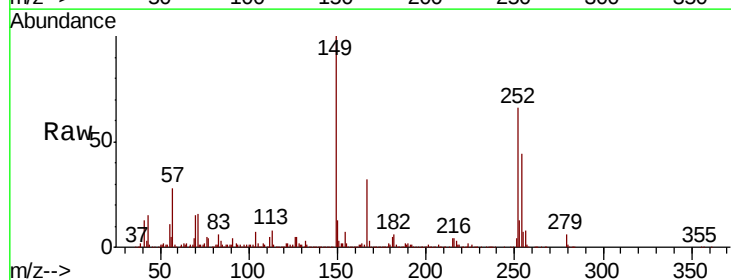
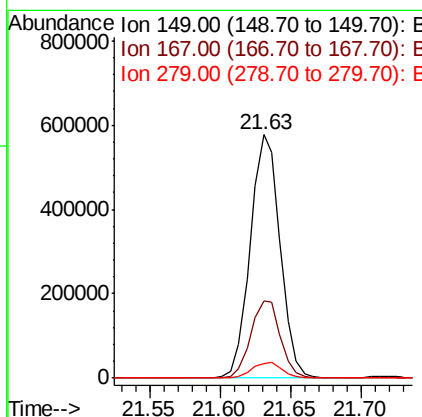
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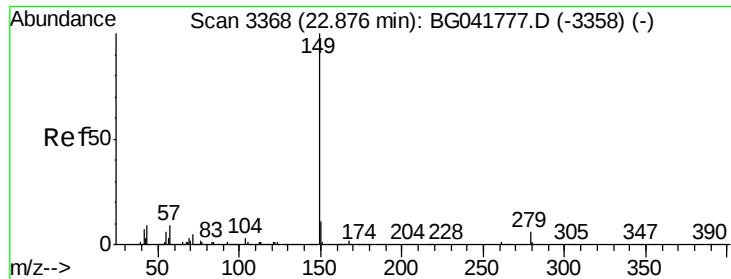
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.754 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion:149 Resp: 855225
Ion Ratio Lower Upper
149 100
167 31.7 27.0 40.4
279 6.1 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 43.555 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:149 Resp: 1466236

Ion Ratio Lower Upper

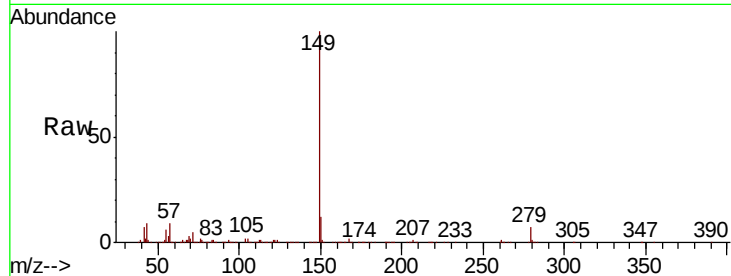
149 100

167 1.9 1.6 2.4

43 9.1 10.6 16.0#

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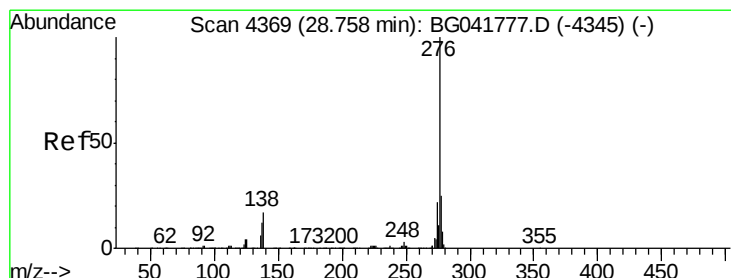
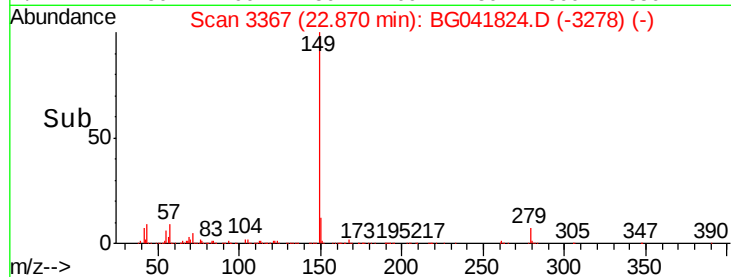
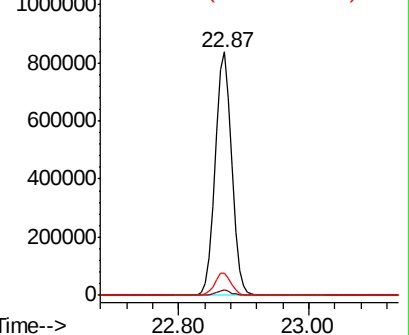
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.580 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

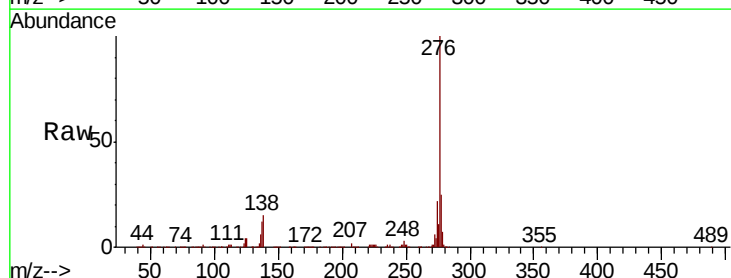
Tgt Ion:276 Resp: 1944842

Ion Ratio Lower Upper

276 100

138 6.7 19.4 29.0#

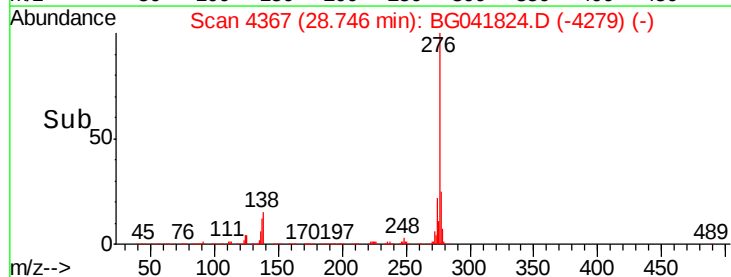
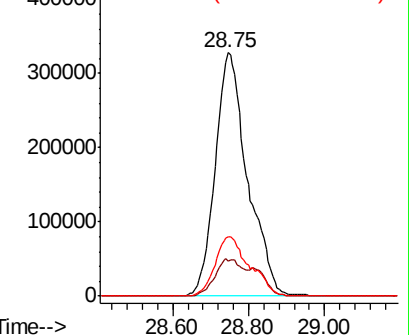
277 26.2 21.2 31.8

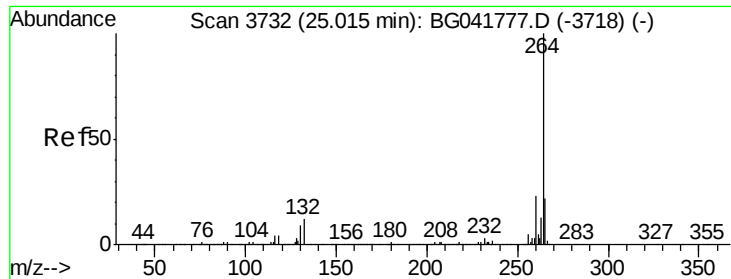


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





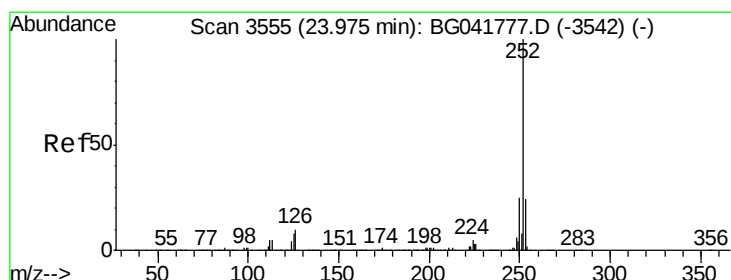
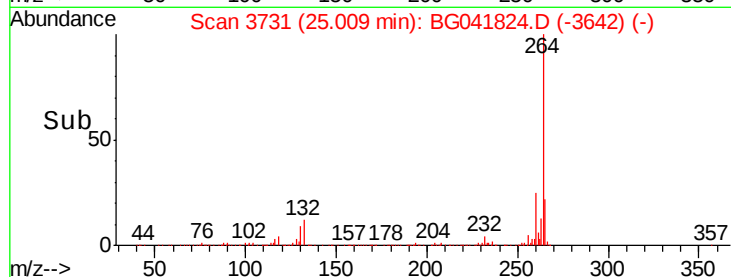
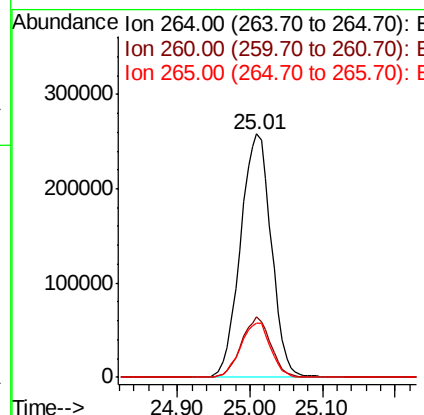
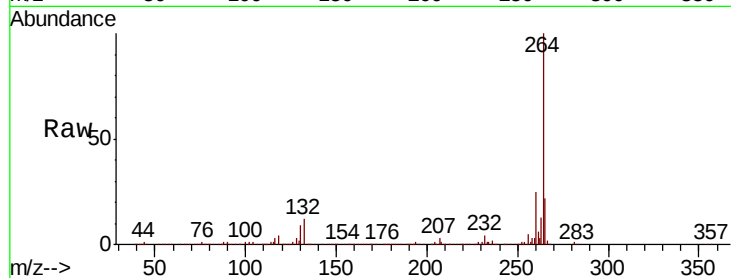
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	22.2	18.0	27.0

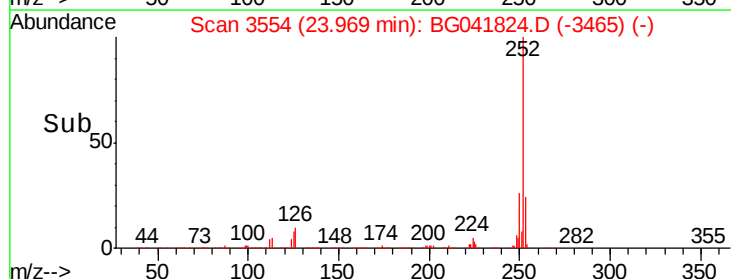
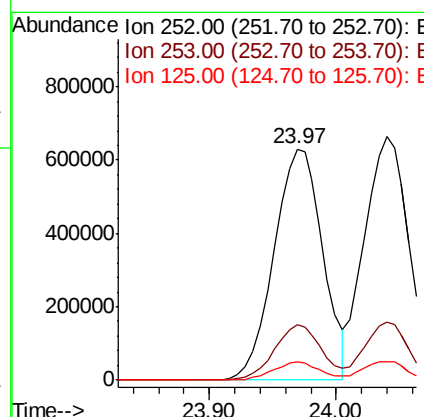
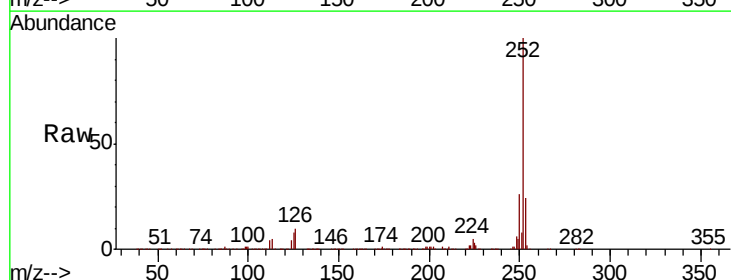
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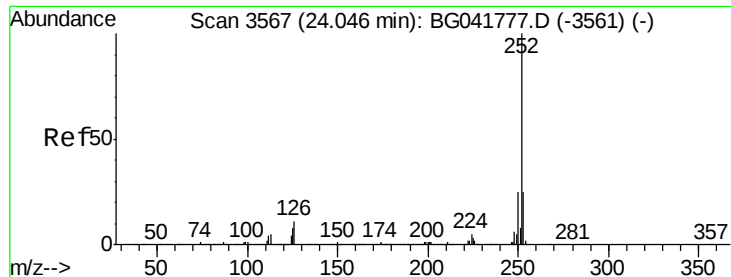
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.322 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	20.6	30.8
125	8.1	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 40.089 ng

RT: 24.04 min Scan# 3566

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 1623672

Ion Ratio Lower Upper

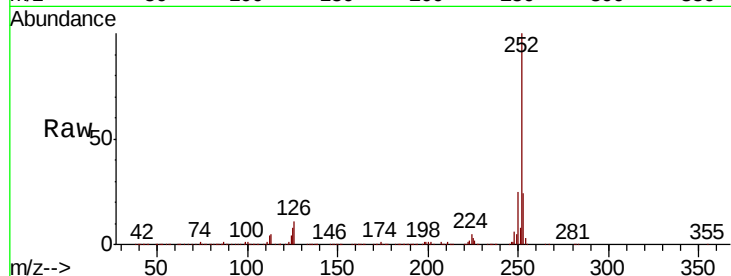
252 100

253 23.9 20.5 30.7

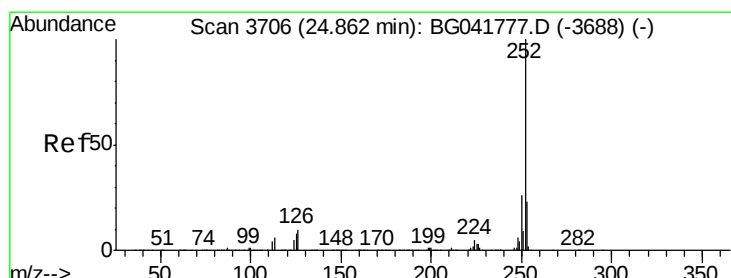
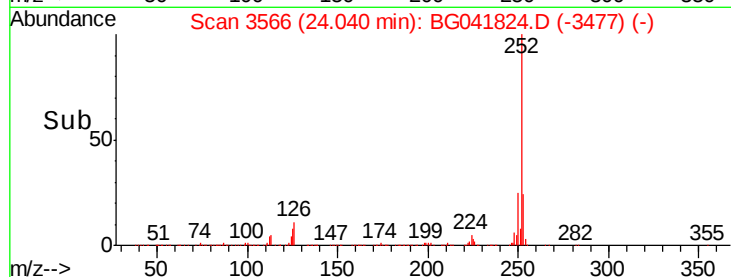
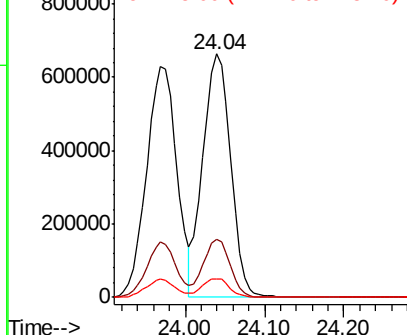
125 7.7 8.4 12.6#

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



#90

Benzo(a)pyrene

Concen: 39.933 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041824.D

Acq: 31 Jul 2019 5:31

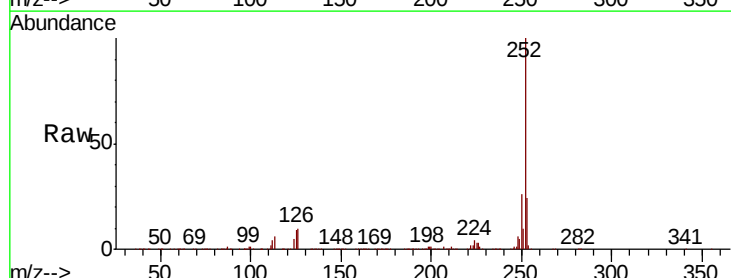
Tgt Ion:252 Resp: 1592385

Ion Ratio Lower Upper

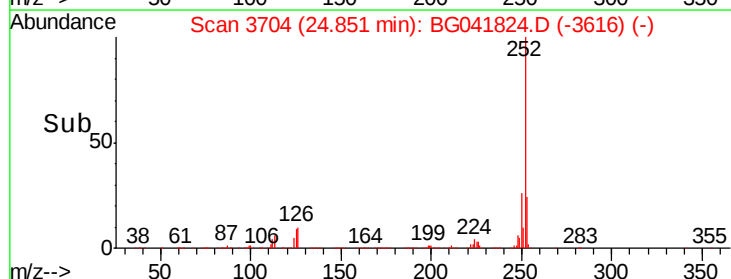
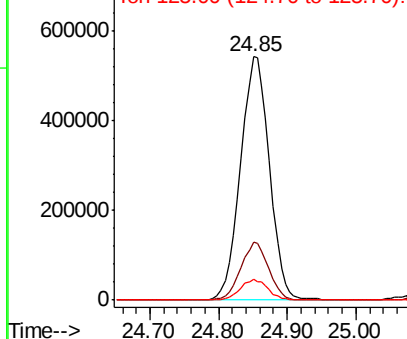
252 100

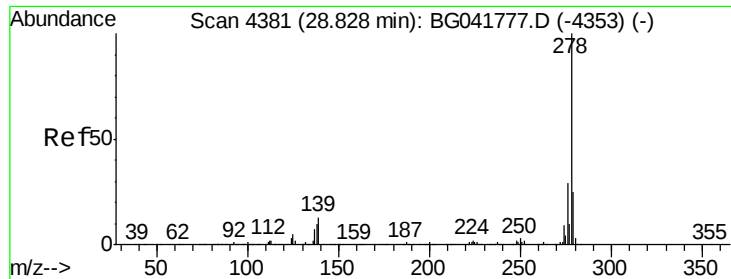
253 23.8 19.8 29.8

125 8.5 8.8 13.2#



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





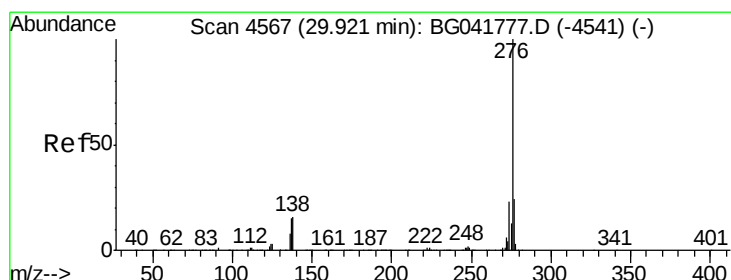
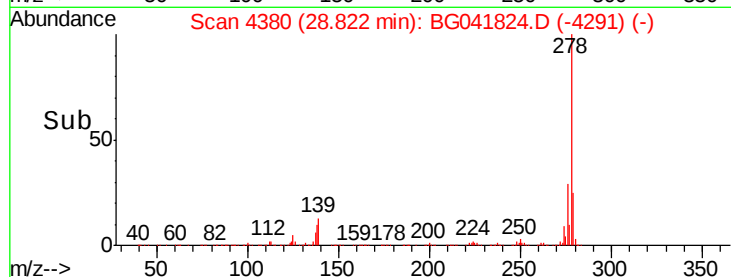
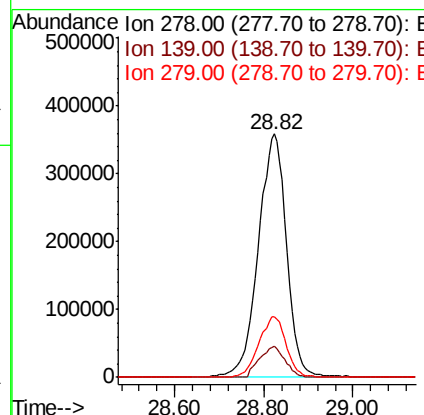
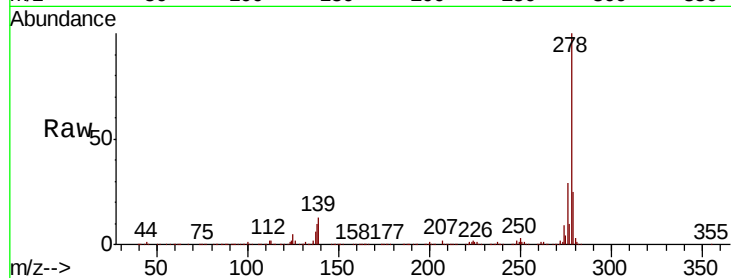
#91
Dibenzo(a,h)anthracene
Concen: 39.861 ng
RT: 28.82 min Scan# 4380
Delta R.T. -0.01 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	12.6	19.0
279	24.8	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:05:19 PM



#92
Benzo(g,h,i)perylene
Concen: 39.936 ng
RT: 29.92 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BG041824.D
Acq: 31 Jul 2019 5:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	16.9	16.6	25.0

