

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073119\
 Data File : BG041852.D
 Acq On : 1 Aug 2019 3:09
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
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mohammad
 8/1/2019 5:10:21 PM

Quant Time: Aug 01 04:17:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19865	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	122185	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	163286	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	731520	20.00	ng	0.00
76) Chrysene-d12	21.74	240	1049703	20.00	ng	0.00
87) Perylene-d12	25.01	264	1150654	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	92017	90.12	ng	0.00
7) Phenol-d6	7.19	99	169471	123.12	ng	0.00
23) Nitrobenzene-d5	9.20	82	151156	85.13	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	288883	155.76	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	562414	60.75	ng	-0.01
79) Terphenyl-d14	20.07	244	2998368	65.36	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	16613	34.570	ng	87
3) Pyridine	3.87	79	61463	46.640	ng	90
4) n-Nitrosodimethylamine	3.78	42	24323	46.559	ng	# 94
6) Aniline	7.35	93	109640	56.567	ng	94
8) 2-Chlorophenol	7.60	128	59971	51.295	ng	92
9) Benzaldehyde	7.17	77	46433	47.940	ng	91
10) Phenol	7.21	94	87575	61.155	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	51082	43.390	ng	89
12) 1,3-Dichlorobenzene	7.93	146	59908	39.260	ng	99
13) 1,4-Dichlorobenzene	8.08	146	60240	39.454	ng	96
14) 1,2-Dichlorobenzene	8.40	146	63160	43.351	ng	90
15) Benzyl Alcohol	8.28	79	63032	58.206	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	83072	39.662	ng	98
17) 2-Methylphenol	8.48	107	61174	58.739	ng	94
18) Hexachloroethane	9.14	117	18758	35.875	ng	92
19) n-Nitroso-di-n-propylamine	8.85	70	54880	54.916	ng	89
20) 3+4-Methylphenols	8.81	107	91786	64.403	ng	99
22) Acetophenone	8.86	105	108627	39.747	ng	# 93
24) Nitrobenzene	9.25	77	79329	42.410	ng	96
25) Isophorone	9.77	82	176927	45.808	ng	99
26) 2-Nitrophenol	9.97	139	44168	50.877	ng	95
27) 2,4-Dimethylphenol	10.02	122	66811	43.605	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	86958	36.028	ng	99
29) 2,4-Dichlorophenol	10.50	162	94788	50.801	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	86396	36.514	ng	98
31) Naphthalene	10.91	128	231379	41.376	ng	96
32) Benzoic acid	10.11	122	6136m	13.315	ng	
33) 4-Chloroaniline	11.01	127	146373	55.195	ng	95
34) Hexachlorobutadiene	11.21	225	45764	28.658	ng	99
35) Caprolactam	11.78	113	99310	153.151	ng	# 81
36) 4-Chloro-3-methylphenol	12.14	107	135835	73.430	ng	97
37) 2-Methylnaphthalene	12.52	142	213404	48.213	ng	99
38) 1-Methylnaphthalene	12.74	142	214603	51.161	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	139611	27.011	ng	98

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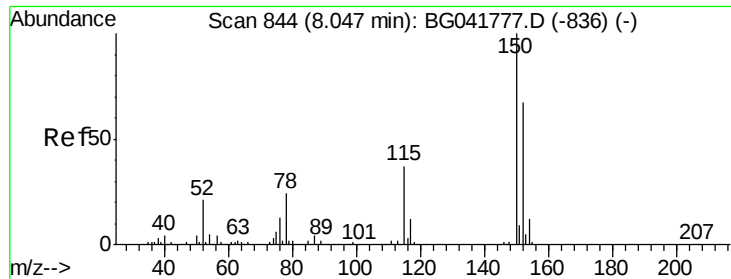
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	52151	17.946	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	137793	42.180	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	166239	48.968	nq	96
46) 1,1'-Biphenyl	13.53	154	322235	30.699	nq	94
47) 2-Chloronaphthalene	13.58	162	291031	32.566	nq	96
48) 2-Nitroaniline	13.77	65	132428	58.428	nq	89
49) Acenaphthylene	14.42	152	546314	40.868	nq	95
50) Dimethylphthalate	14.15	163	588482	52.771	nq	99
51) 2,6-Dinitrotoluene	14.26	165	140554	60.276	nq	87
52) Acenaphthene	14.76	154	343234	39.478	nq	99
53) 3-Nitroaniline	14.59	138	187098	75.000	nq	# 92
54) 2,4-Dinitrophenol	14.80	184	20514	21.652	nq	# 89
55) Dibenzofuran	15.10	168	614313	46.194	nq	96
56) 4-Nitrophenol	14.90	139	177115	93.533	nq	91
57) 2,4-Dinitrotoluene	15.05	165	270169	84.249	nq	91
58) Fluorene	15.75	166	572485	53.643	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	249172	74.108	nq	# 92
60) Diethylphthalate	15.51	149	694594	63.443	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	308058	47.283	nq	96
62) 4-Nitroaniline	15.76	138	278908	103.220	nq	98
63) Azobenzene	16.03	77	479034	53.562	nq	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	66742	22.832	nq	89
66) n-Nitrosodiphenylamine	15.96	169	606205	30.423	nq	97
67) 4-Bromophenyl-phenylether	16.64	248	263373	29.228	nq	98
68) Hexachlorobenzene	16.76	284	319341	33.875	nq	95
69) Atrazine	16.91	200	371518	47.454	nq	98
70) Pentachlorophenol	17.10	266	139451	26.040	nq	99
71) Phenanthrene	17.49	178	1403361	40.023	nq	97
72) Anthracene	17.58	178	1423638	40.710	nq	97
73) Carbazole	17.85	167	1603081	51.074	nq	98
74) Di-n-butylphthalate	18.42	149	1802469	50.655	nq	99
75) Fluoranthene	19.50	202	2309017	54.176	nq	98
77) Benzidine	19.68	184	1274825	37.208	nq	99
78) Pyrene	19.87	202	2390159	38.431	nq	98
80) Butylbenzylphthalate	20.76	149	1081056	45.337	nq	# 91
81) Benzo(a)anthracene	21.72	228	2404753	38.721	nq	99
82) 3,3'-Dichlorobenzidine	21.63	252	980682	39.330	nq	98
83) Chrysene	21.79	228	2247928	37.760	nq	97
84) Bis(2-ethylhexyl)phthalate	21.63	149	1379177	41.930	nq	98
85) Di-n-octyl phthalate	22.87	149	2164733	39.106	nq	# 92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2932467	37.211	nq	# 90
88) Benzo(b)fluoranthene	23.98	252	2499389	39.707	nq	98
89) Benzo(k)fluoranthene	24.05	252	2317725	37.800	nq	98
90) Benzo(a)pyrene	24.86	252	2366113	39.194	nq	98
91) Dibenzo(a,h)anthracene	28.83	278	2326253	39.243	nq	# 96
92) Benzo(g,h,i)perylene	29.93	276	2366331	39.956	nq	# 94

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



#1

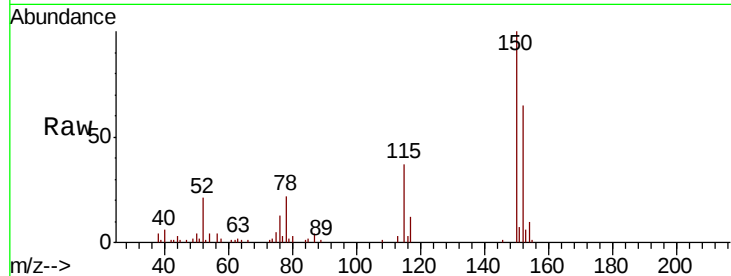
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	126.9	190.3
115	56.9	45.0	67.6

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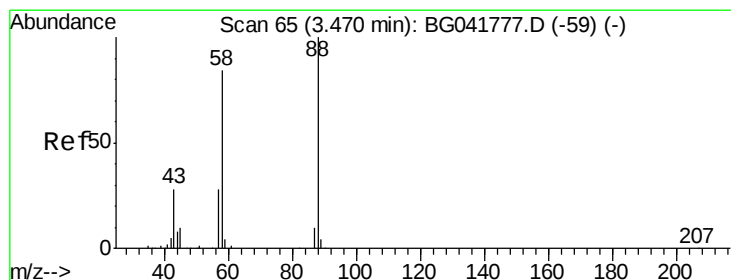
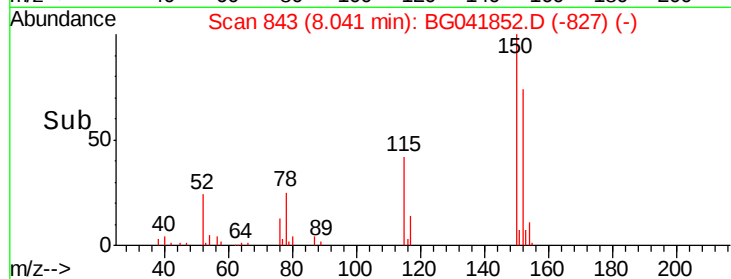
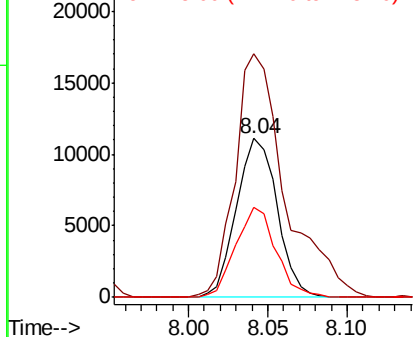


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

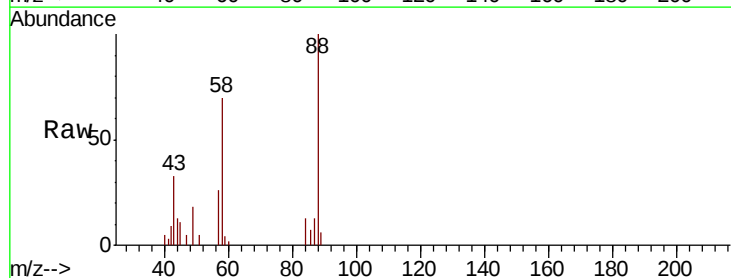
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.570 ng
RT: 3.46 min Scan# 64
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	76.2	114.2
43	29.0	27.2	40.8

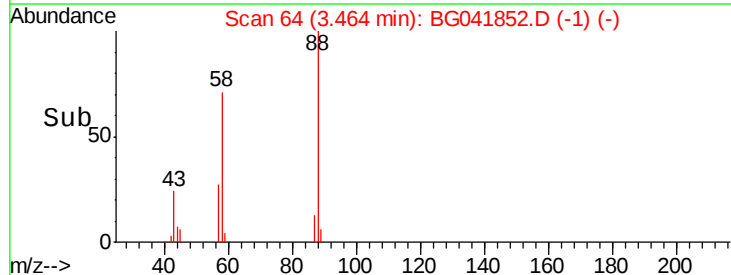
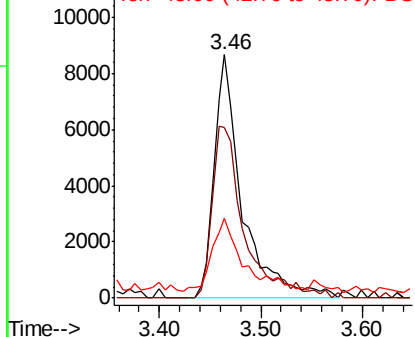


Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 46.640 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

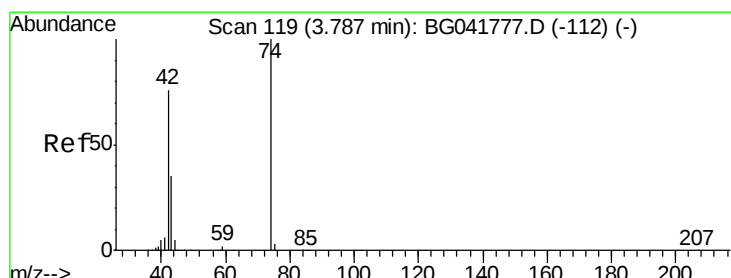
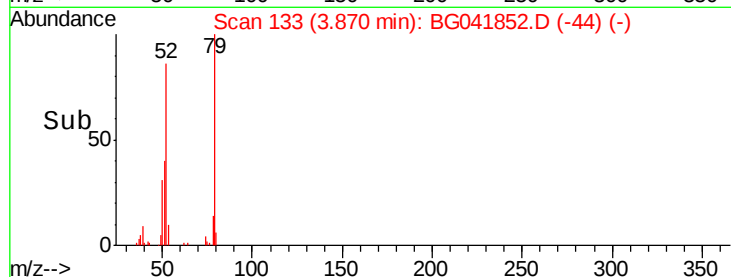
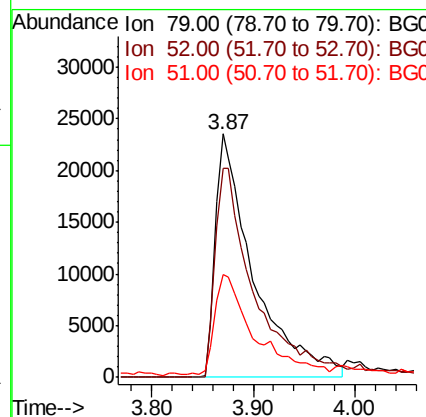
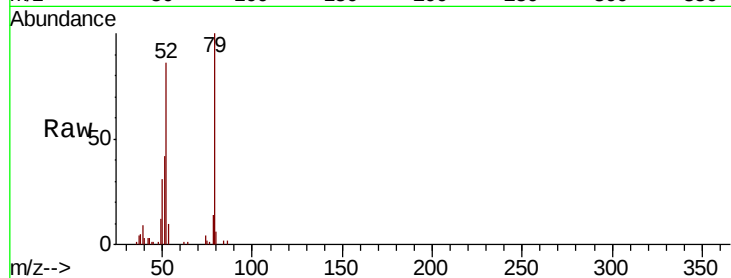
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	61463
Ion	Ratio	Lower	Upper
79	100		
52	86.1	77.1	115.7
51	42.3	37.8	56.8

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#4

n-Nitrosodimethylamine

Concen: 46.559 ng

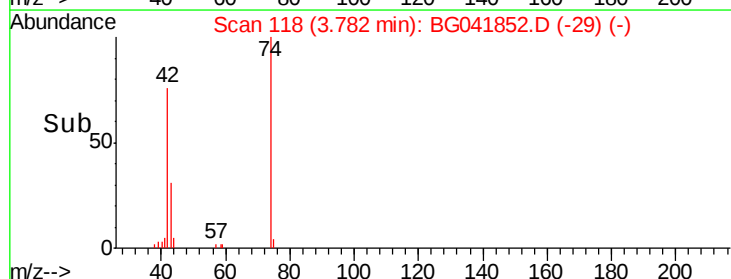
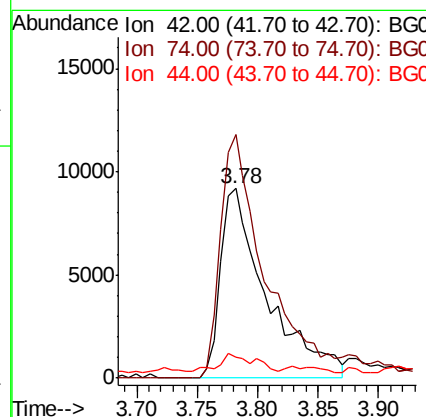
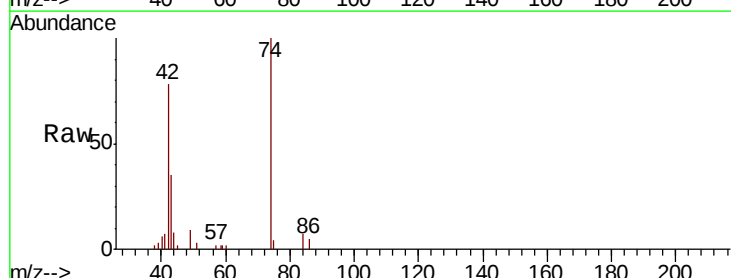
RT: 3.78 min Scan# 118

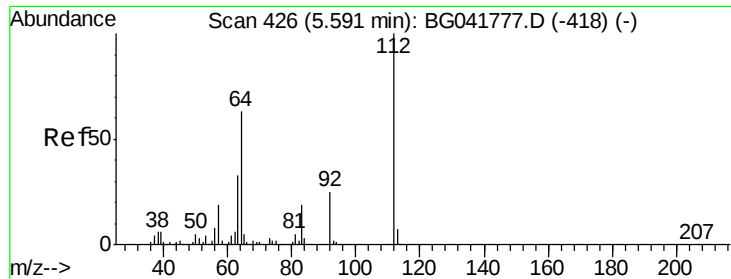
Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion:	42	Resp:	24323
Ion	Ratio	Lower	Upper
42	100		
74	128.4	97.4	146.2
44	10.9	6.6	9.8#





#5

2-Fluorophenol

Concen: 90.123 ng

RT: 5.59 min Scan# 425

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

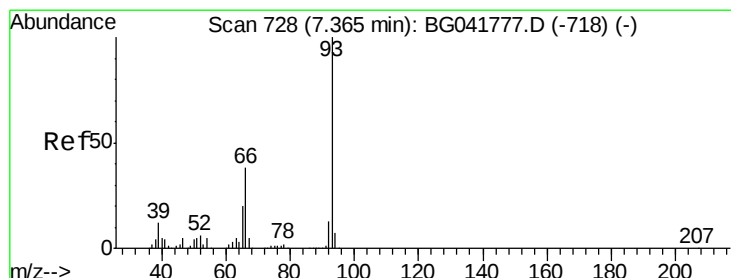
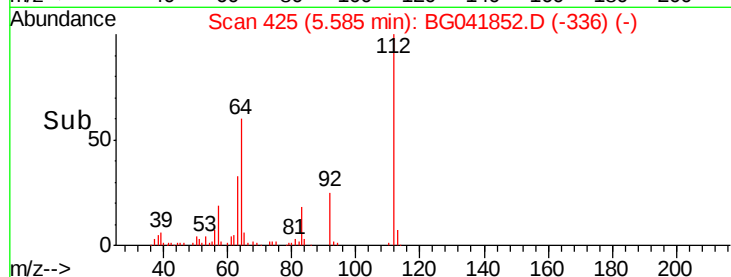
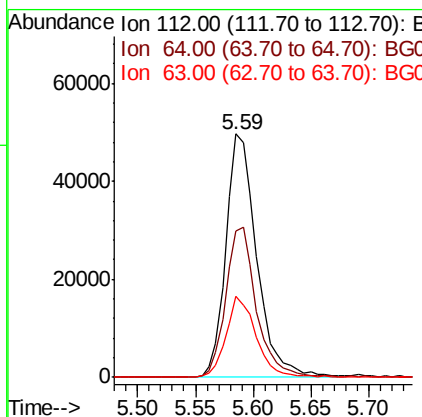
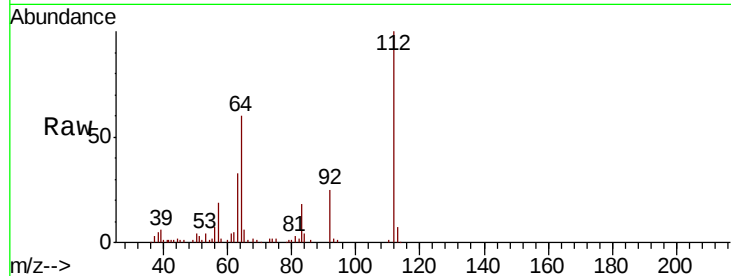
ClientSampleId :

SSTDCCC040EC

Tot Ion:	112	Resp:	92017
Ion Ratio	Lower	Upper	
112	100		
64	60.3	55.4	83.2
63	33.2	29.1	43.7

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#6

Aniline

Concen: 56.567 ng

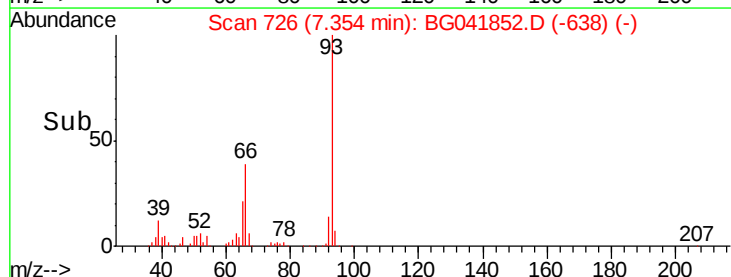
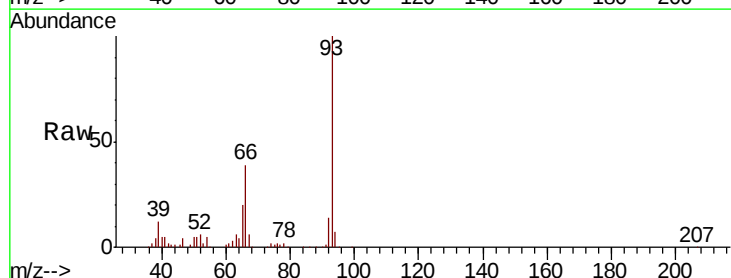
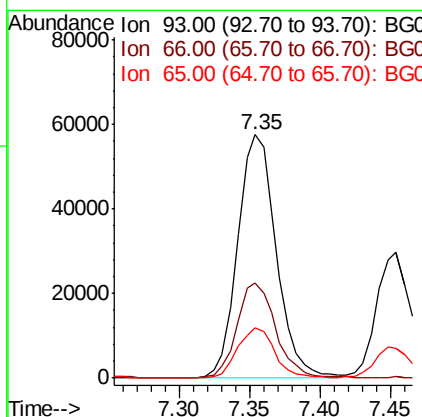
RT: 7.35 min Scan# 726

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion:	93	Resp:	109640
Ion Ratio	Lower	Upper	
93	100		
66	38.9	34.2	51.2
65	20.4	18.2	27.2





#7

Phenol-d6

Concen: 123.118 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

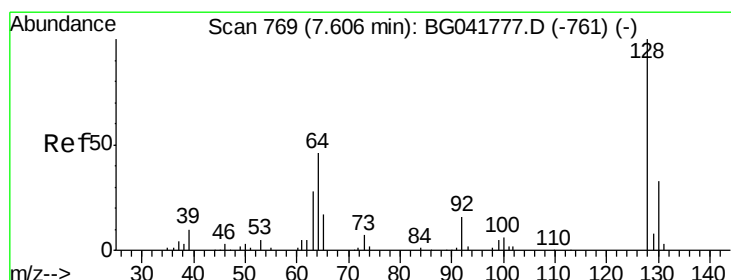
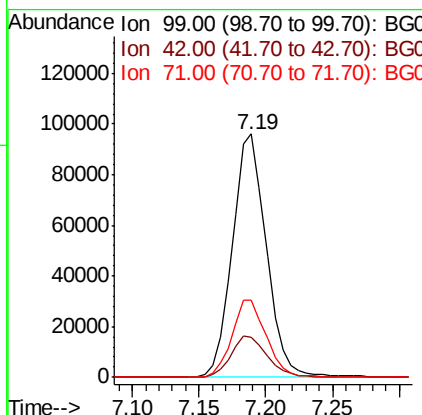
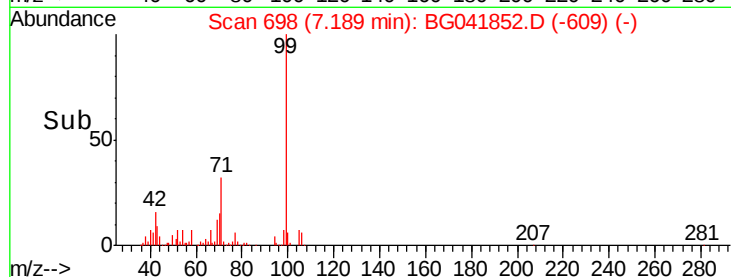
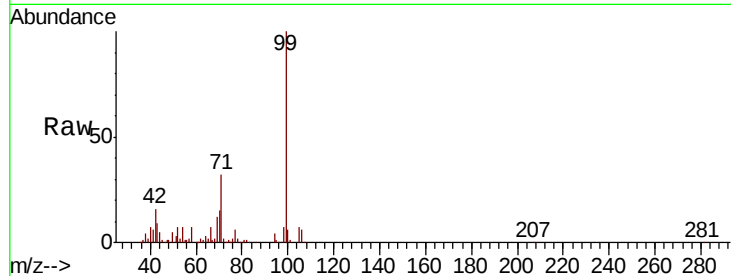
ClientSampleId :

SSTDCCC040EC

Tot Ion:	99	Resp:	169471
Ion Ratio	Lower	Upper	
99	100		
42	16.3	17.6	26.4#
71	31.7	27.8	41.6

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#8

2-Chlorophenol

Concen: 51.295 ng

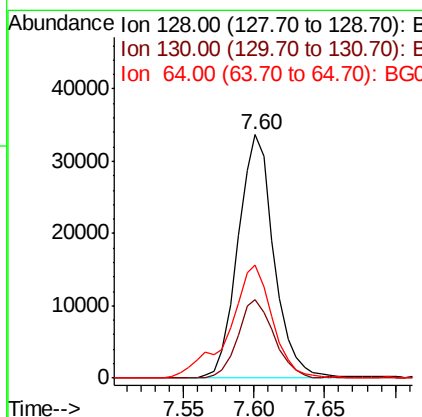
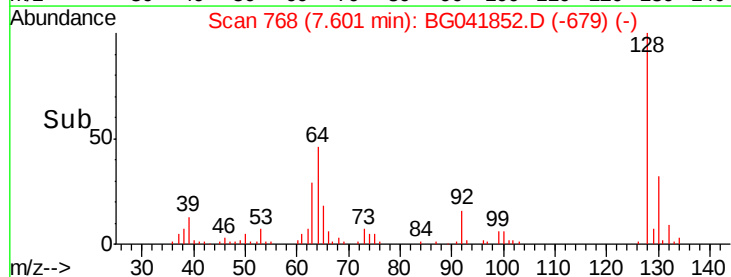
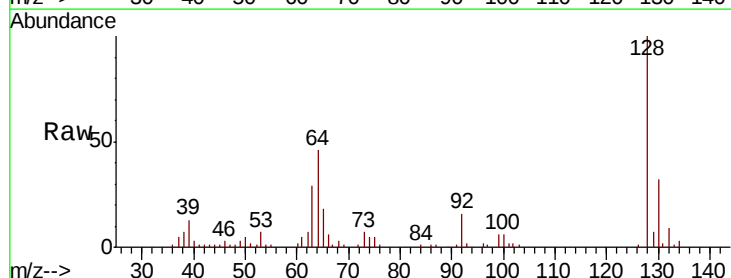
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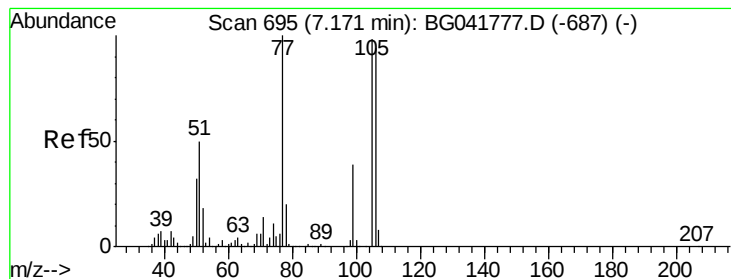
Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion:	128	Resp:	59971
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.4	52.4
64	46.4	34.9	74.9





#9

Benzaldehyde

Concen: 47.940 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

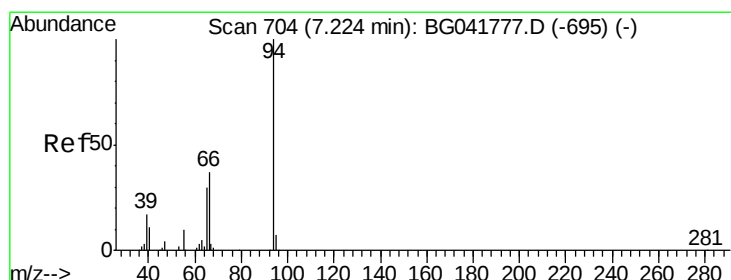
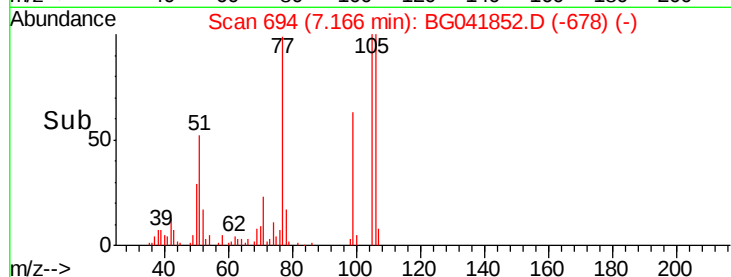
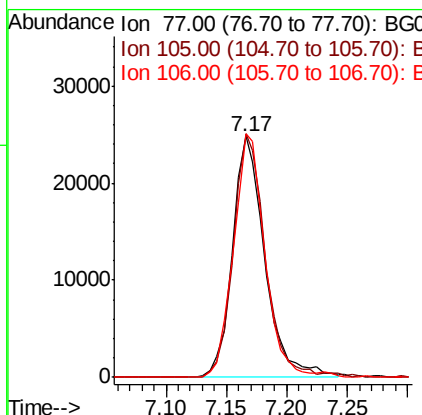
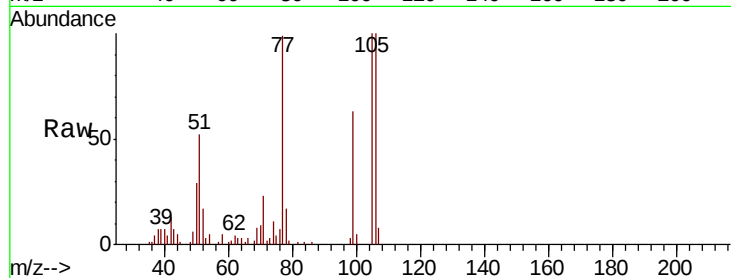
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.1	74.6	114.6		
106	101.2	71.1	111.1		

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#10

Phenol

Concen: 61.155 ng

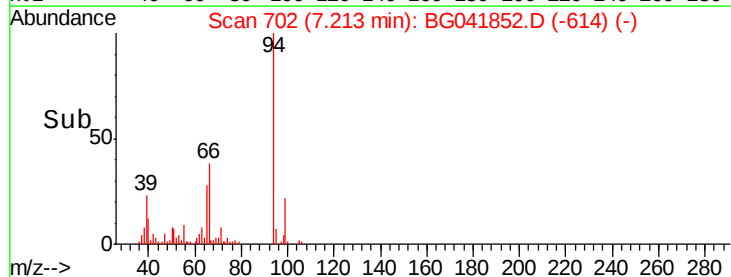
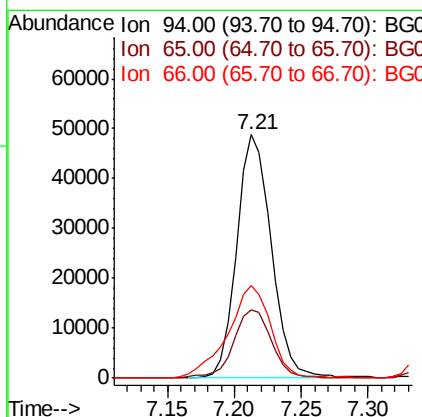
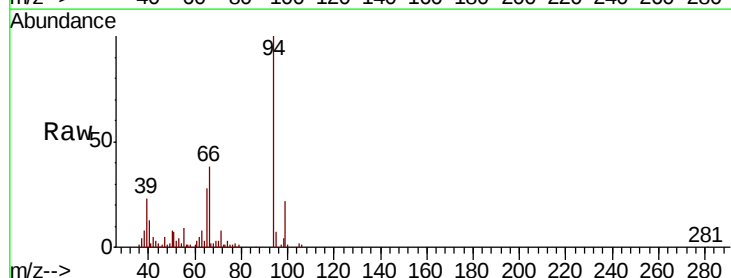
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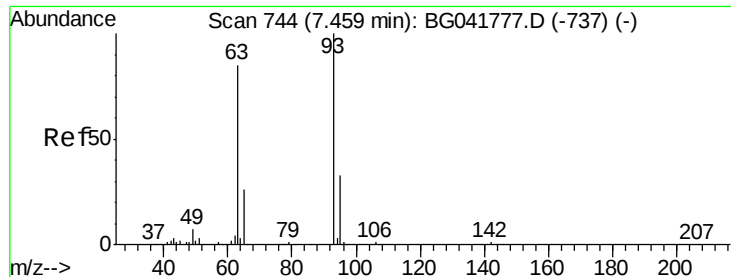
Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.9	10.6	50.6		
66	38.2	18.2	58.2		





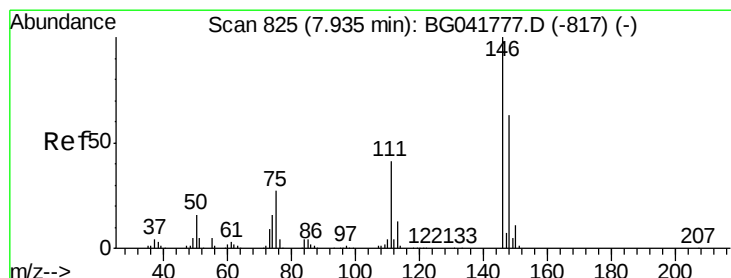
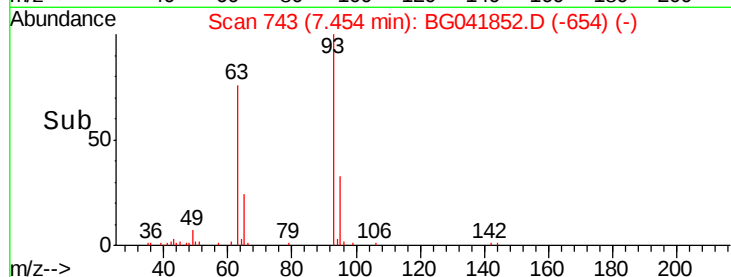
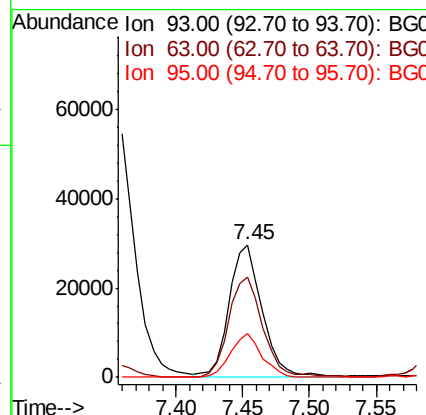
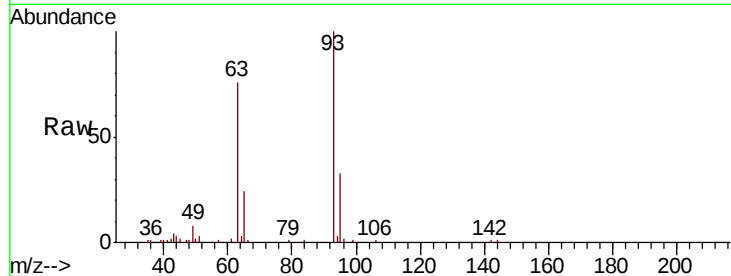
#11
bis(2-Chloroethyl)ether
Concen: 43.390 ng
RT: 7.45 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.9	70.4	110.4
95	32.7	12.8	52.8

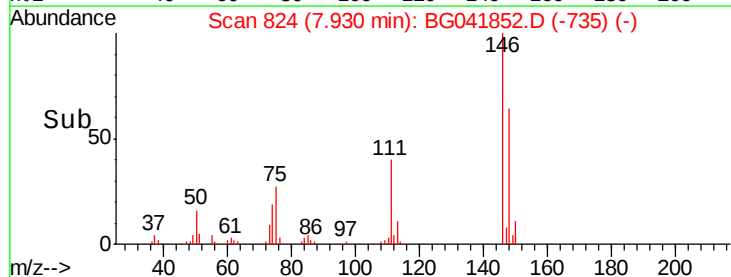
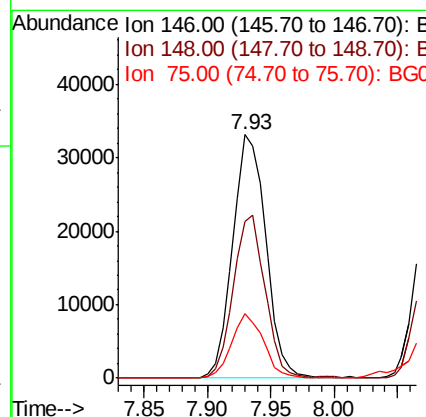
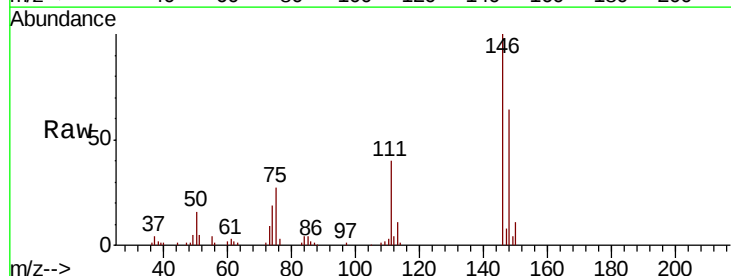
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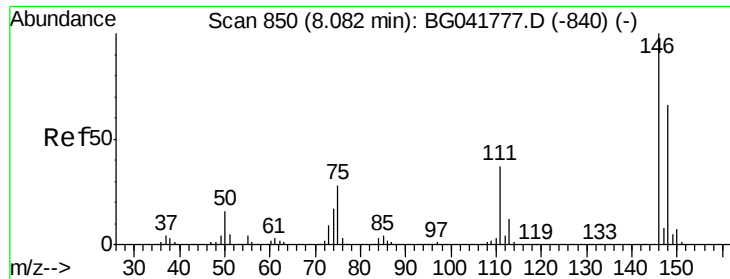
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.260 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.5	77.3
75	26.7	23.2	34.8





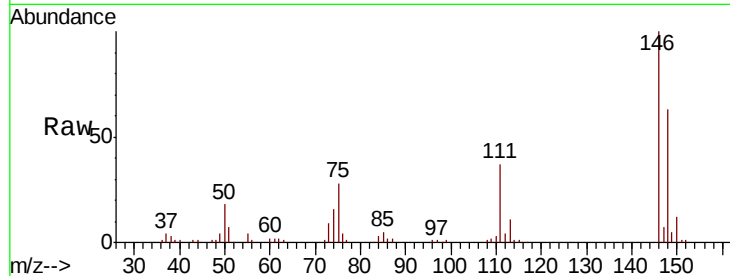
#13
 1,4-Dichlorobenzene
 Concen: 39.454 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.6	79.0
111	36.6	32.5	48.7

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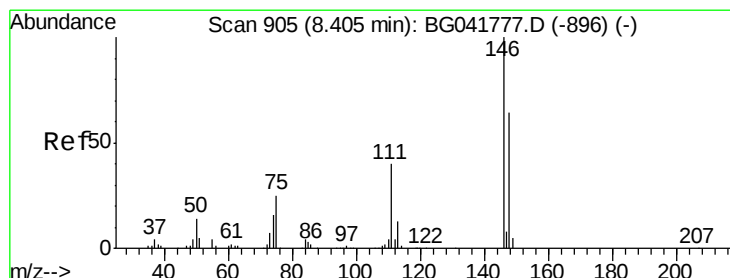
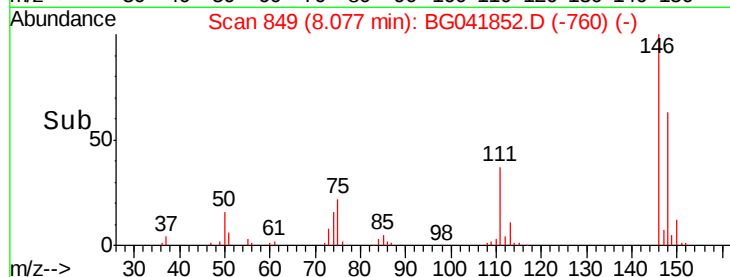
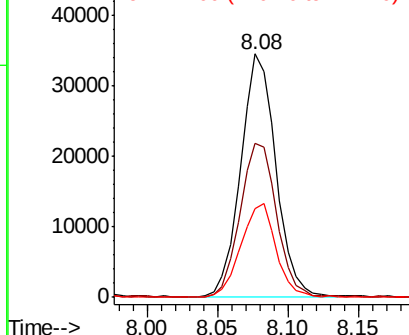


Abundance

Ion 146.00 (145.70 to 146.70): E

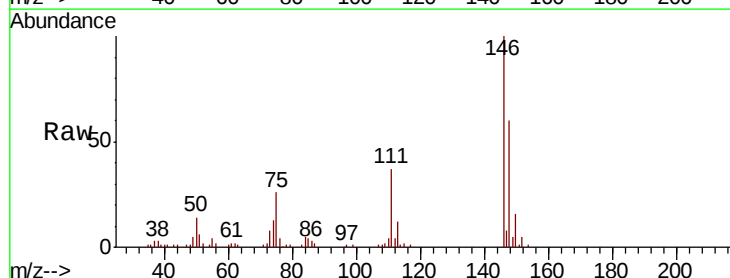
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 43.351 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	53.5	80.3
111	36.9	35.4	53.0

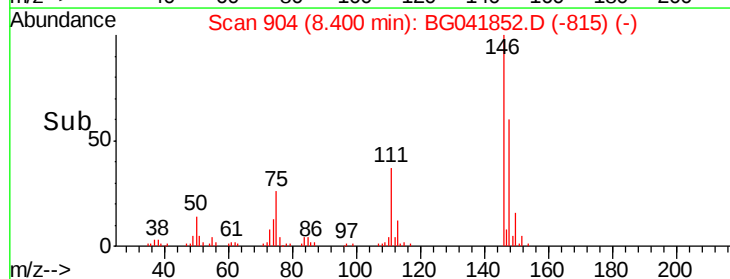
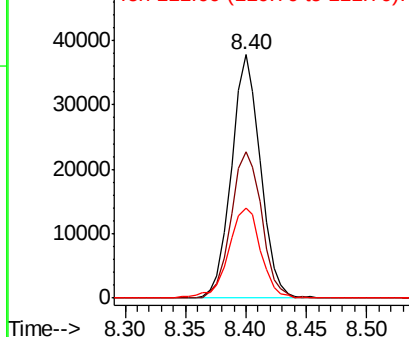


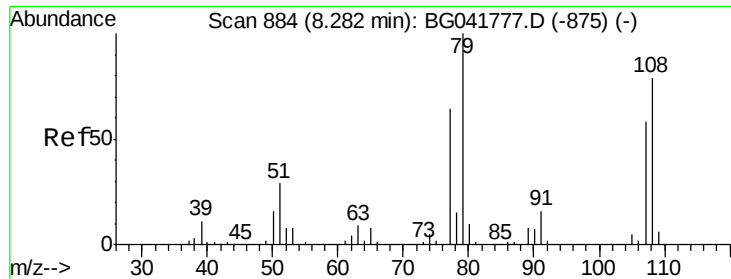
Abundance

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





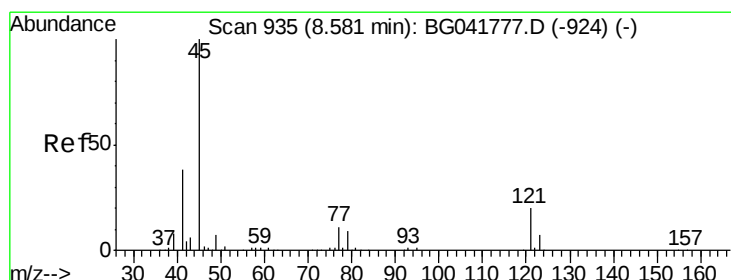
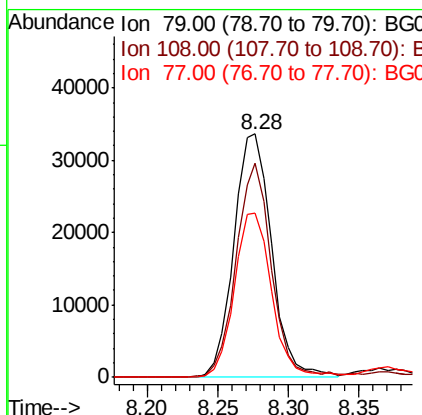
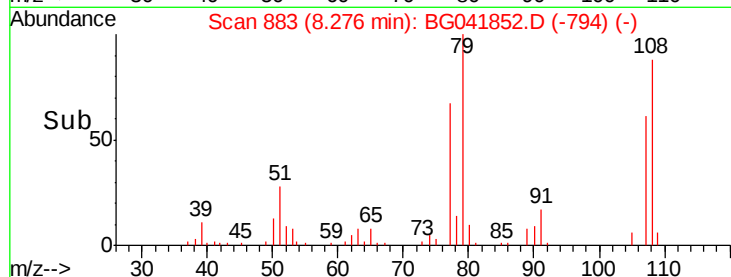
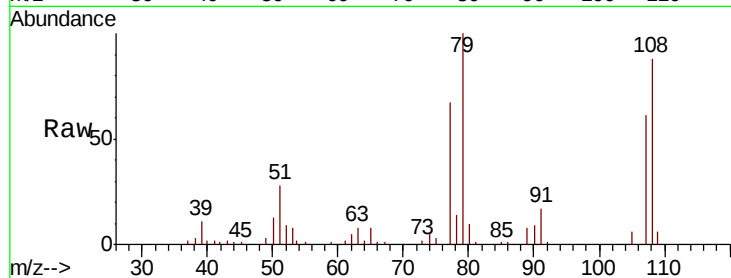
#15
Benzyl Alcohol
Concen: 58.206 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	88.2	60.5	90.7
77	67.3	50.6	75.8

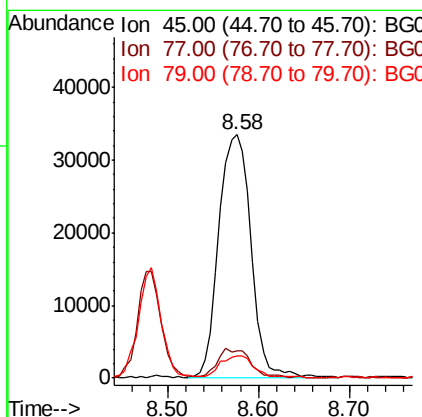
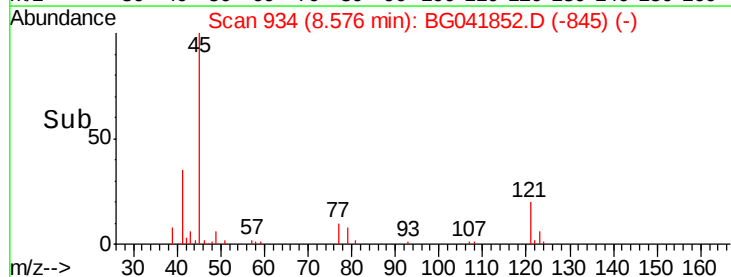
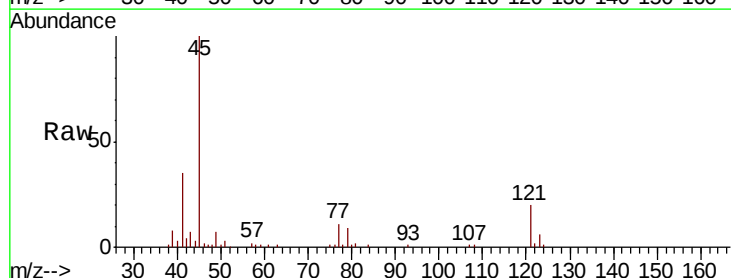
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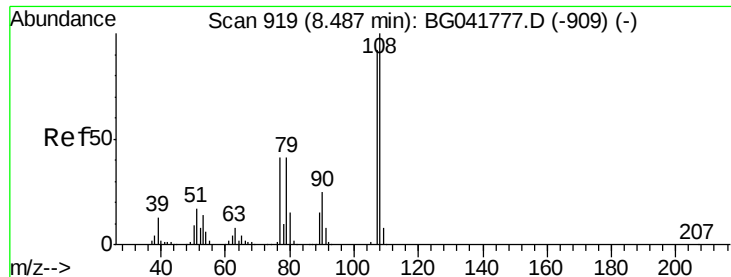
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.662 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.4
79	8.9	0.0	27.9





#17

2-Methylphenol

Concen: 58.739 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

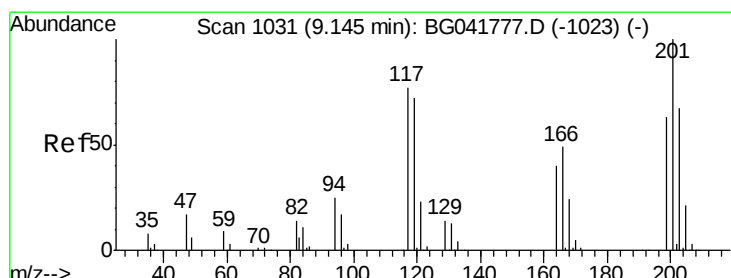
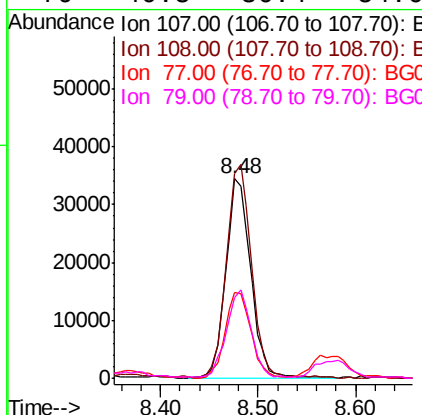
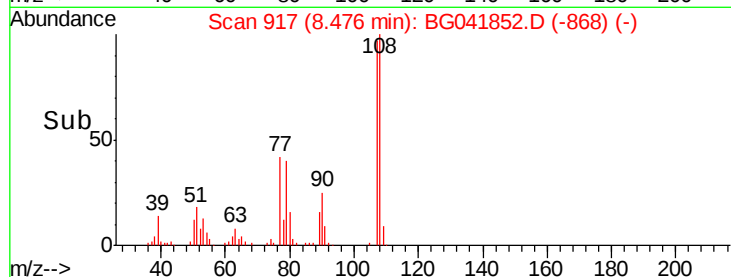
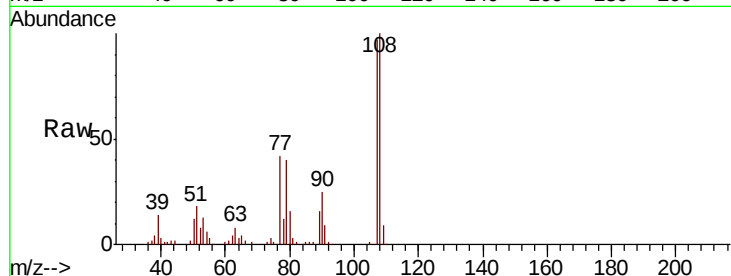
ClientSampleId :

SSTDCCC040EC

Tot Ion:	107	Resp:	61174
Ion	Ratio	Lower	Upper
107	100		
108	103.0	87.6	131.4
77	42.9	36.1	54.1
79	40.8	36.4	54.6

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#18

Hexachloroethane

Concen: 35.875 ng

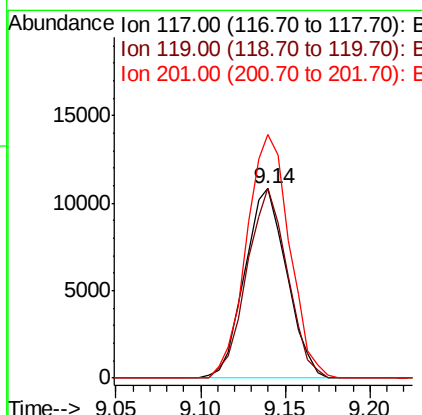
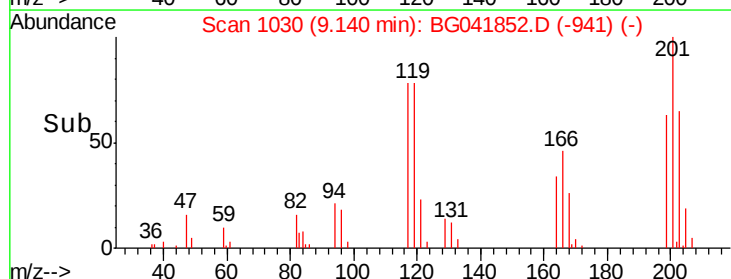
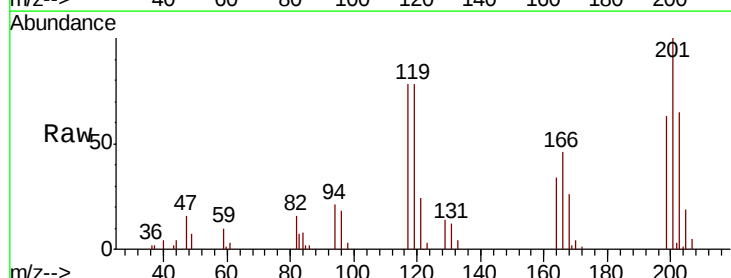
RT: 9.14 min Scan# 1030

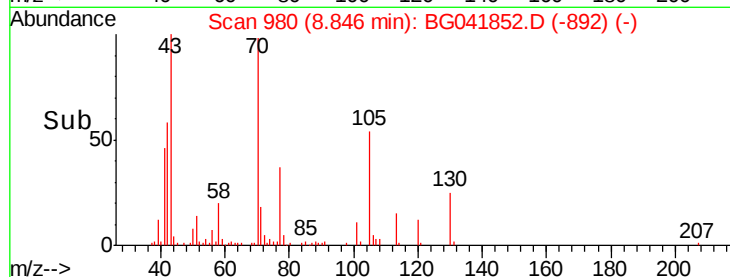
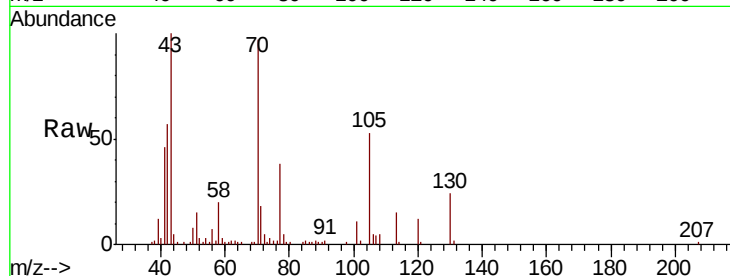
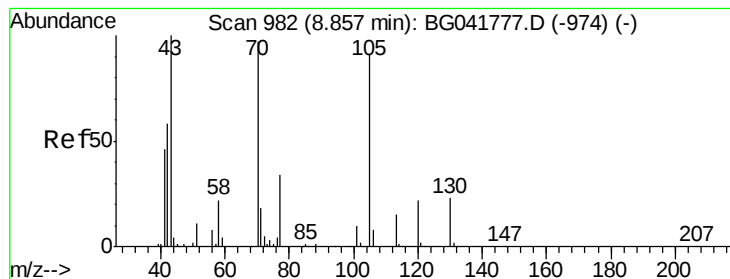
Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion:	117	Resp:	18758
Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.2	114.2
201	128.3	94.1	141.1





#19

n-Nitroso-di-n-propylamine

Concen: 54.916 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 54880

Ion Ratio Lower Upper

70 100

42 59.0 55.8 83.6

101 11.1 8.1 12.1

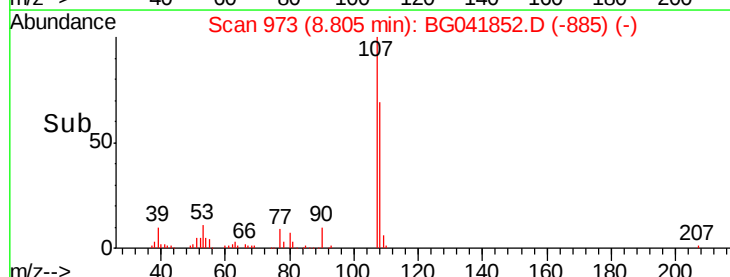
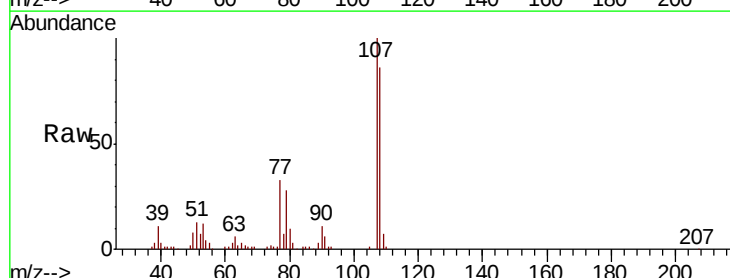
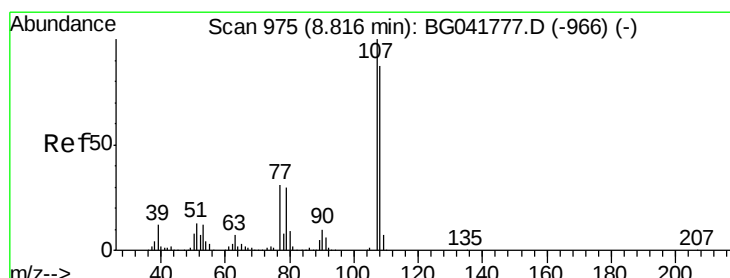
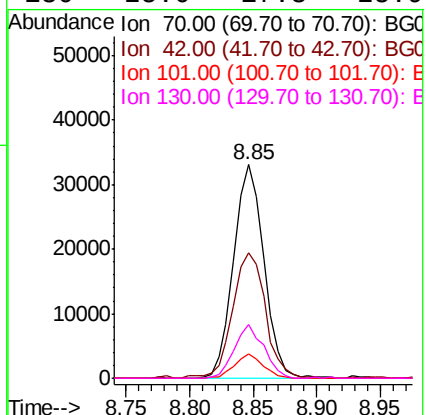
130 25.0 17.3 25.9

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#20

3+4-Methylphenols

Concen: 64.403 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion:107 Resp: 91786

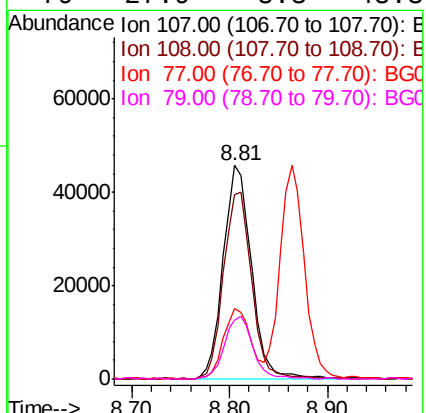
Ion Ratio Lower Upper

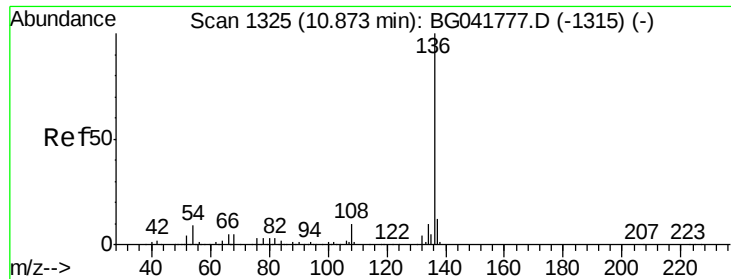
107 100

108 86.2 67.5 107.5

77 33.1 12.3 52.3

79 27.9 8.3 48.3





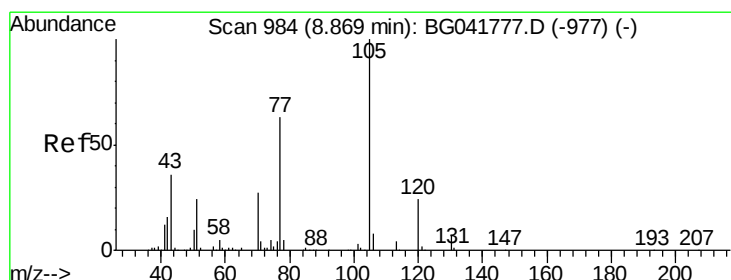
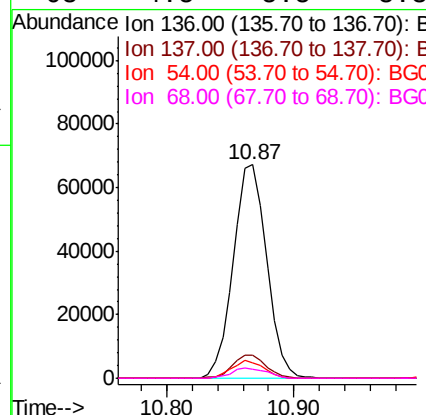
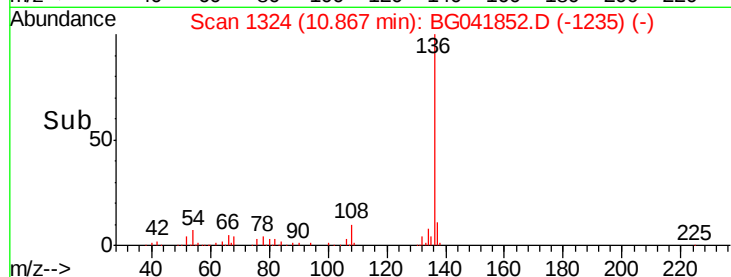
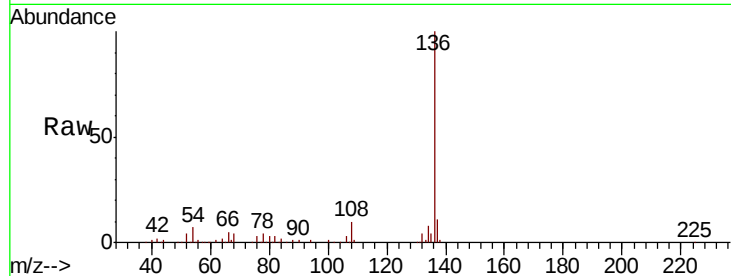
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.1	8.7	13.1#
68	4.5	5.5	8.3#

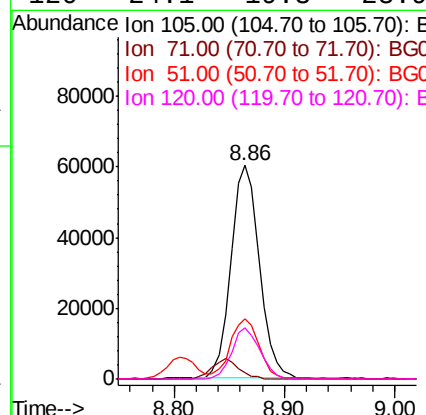
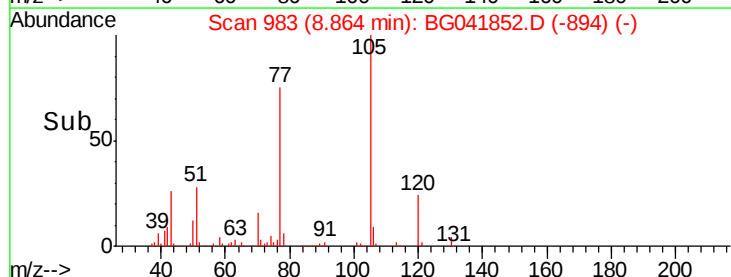
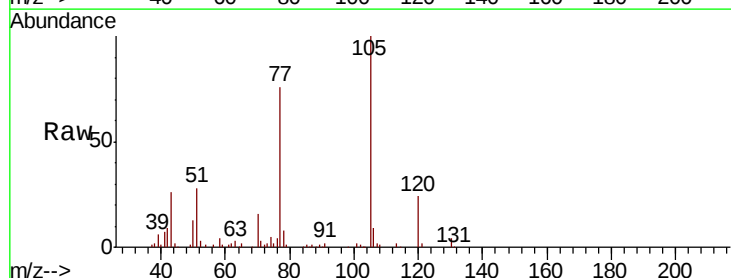
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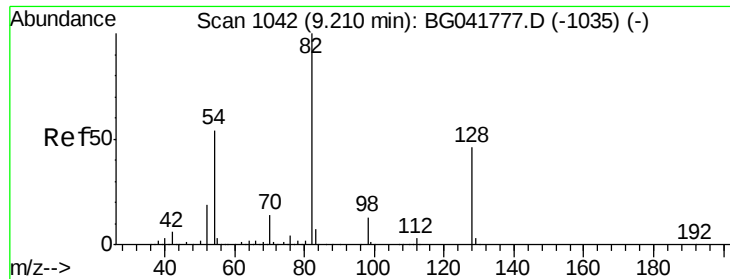
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#22
Acetophenone
Concen: 39.747 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.9	5.9	8.9#
51	28.1	27.7	41.5
120	24.1	19.3	28.9





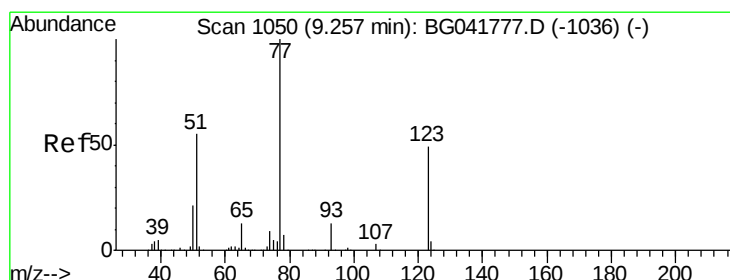
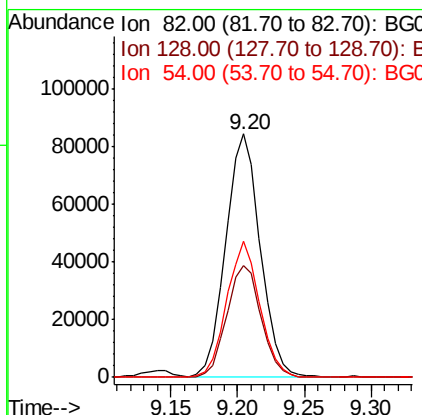
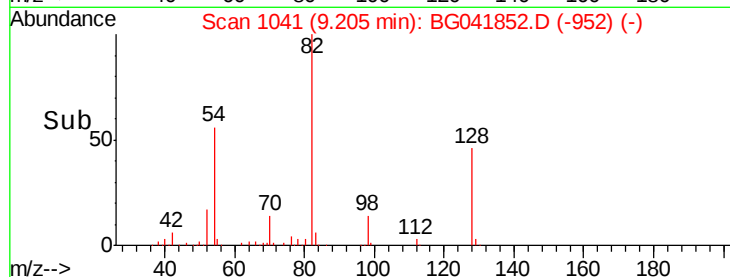
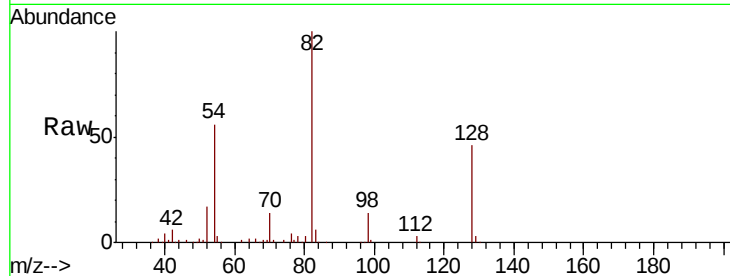
#23
 Nitrobenzene-d5
 Concen: 85.133 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.1	52.7
54	55.7	48.7	73.1

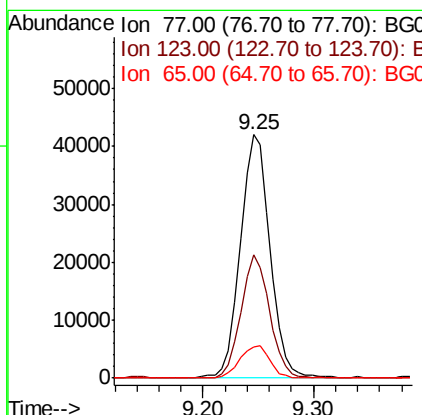
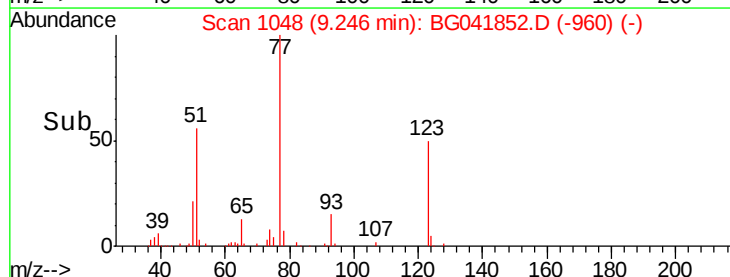
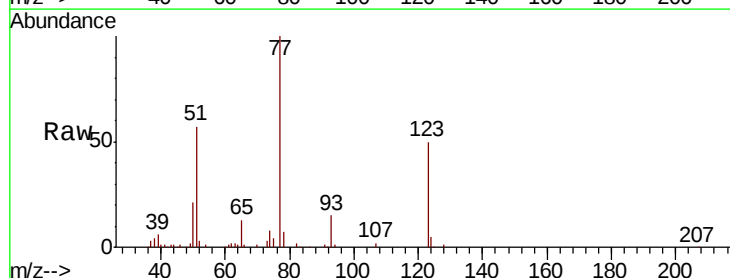
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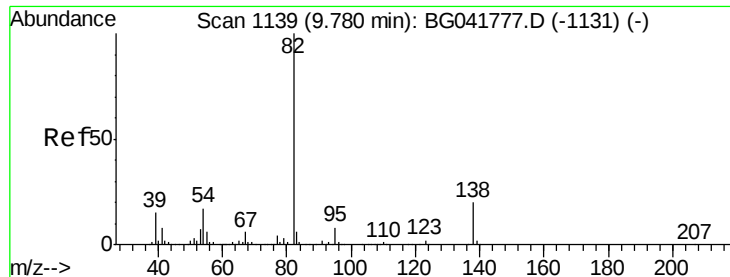
mohammad
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#24
 Nitrobenzene
 Concen: 42.410 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	38.1	57.1
65	12.9	11.0	16.6





#25

Isophorone

Concen: 45.808 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

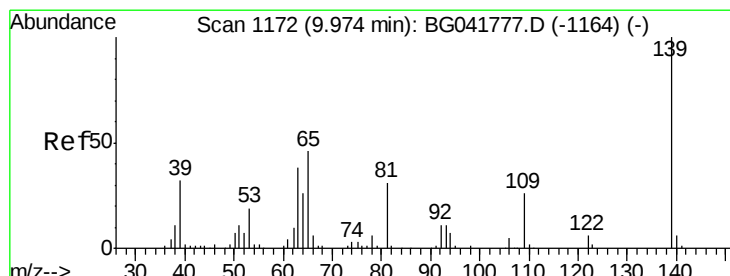
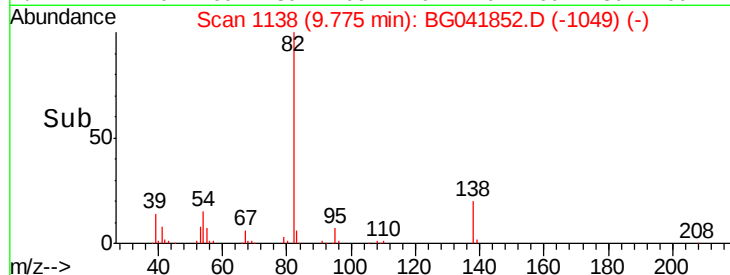
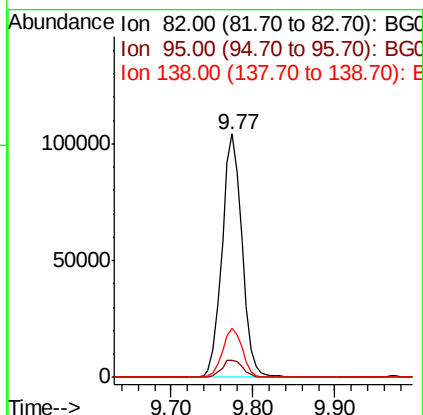
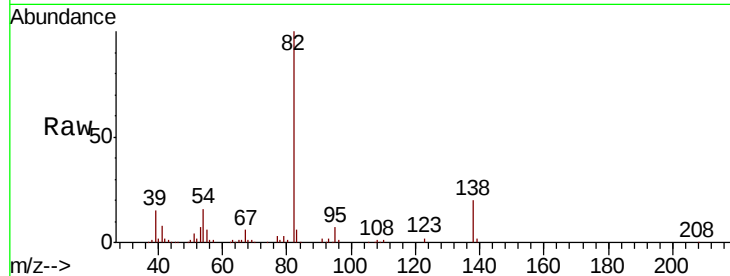
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	176927
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.9	8.9
138	20.0	16.3	24.5

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#26

2-Nitrophenol

Concen: 50.877 ng

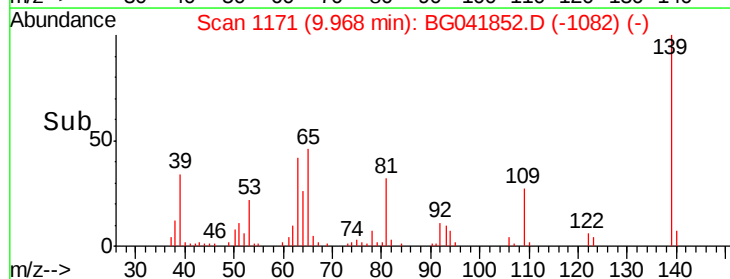
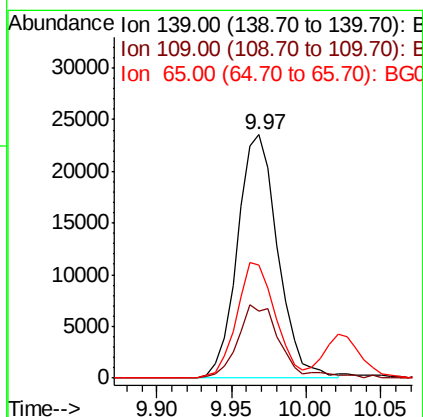
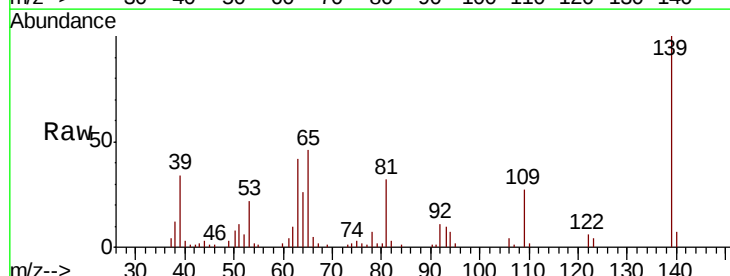
RT: 9.97 min Scan# 1171

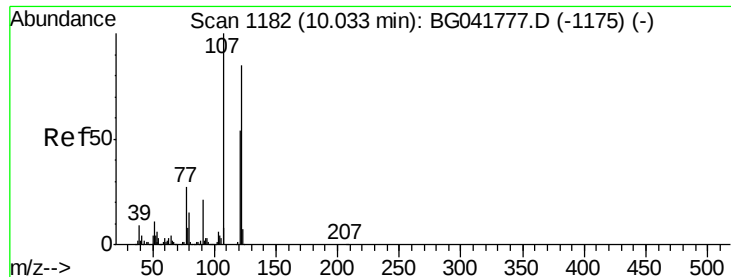
Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion:	139	Resp:	44168
Ion Ratio	Lower	Upper	
139	100		
109	27.5	22.7	34.1
65	46.3	41.1	61.7





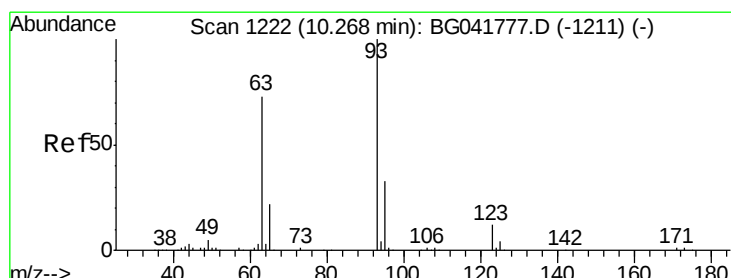
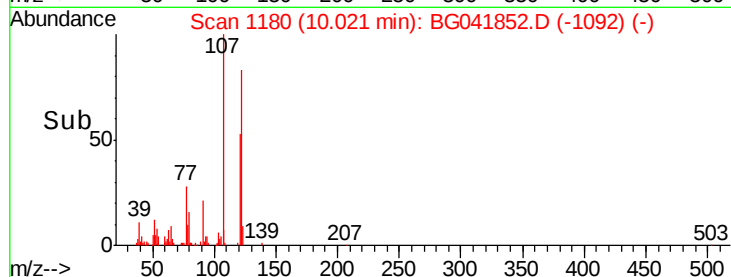
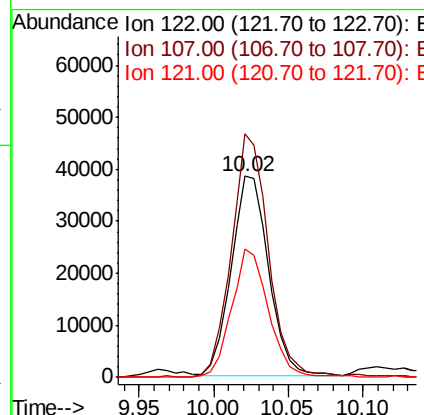
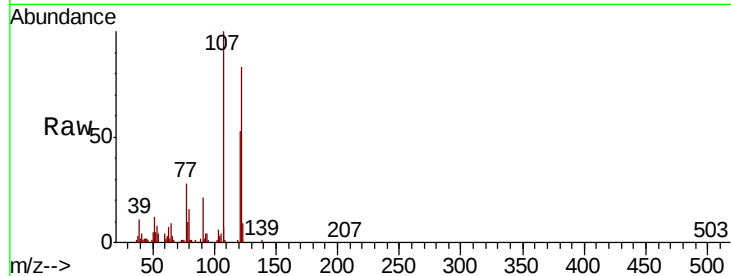
#27
2,4-Dimethylphenol
Concen: 43.605 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.9	91.3	136.9
121	63.9	49.2	73.8

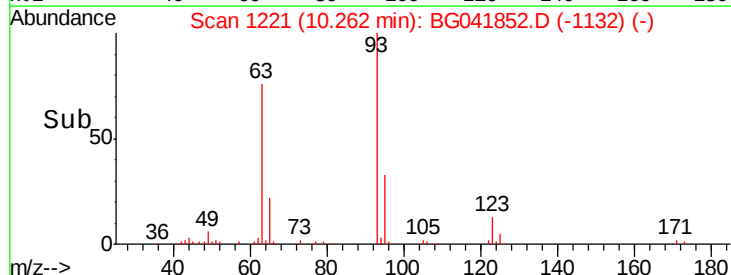
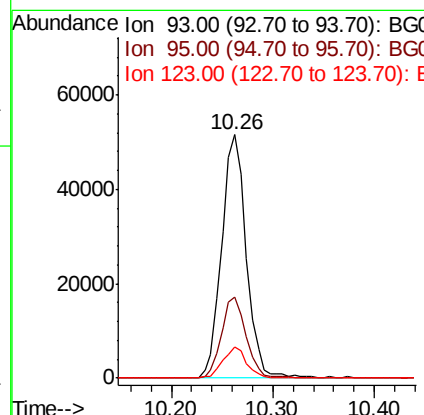
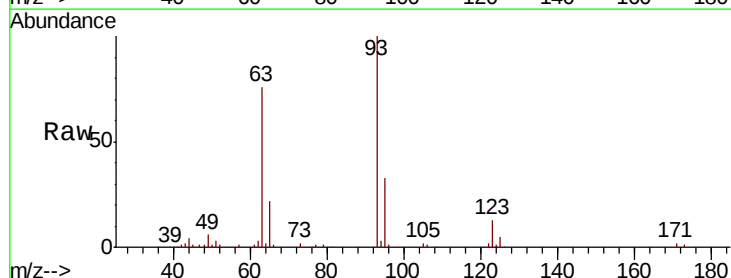
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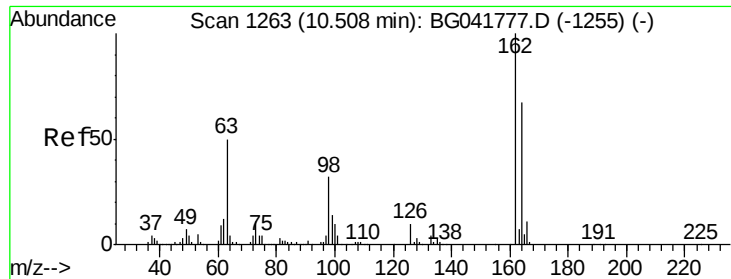
mohammad
8/1/2019 5:10:21 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.028 ng
RT: 10.26 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.2	39.4
123	12.7	9.9	14.9





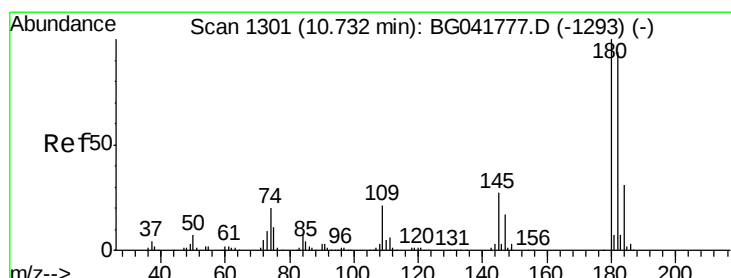
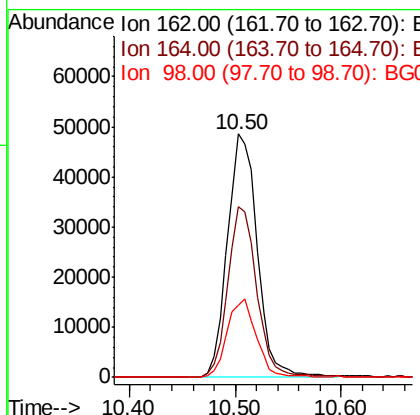
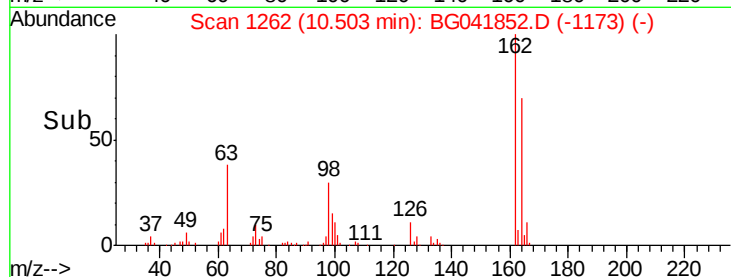
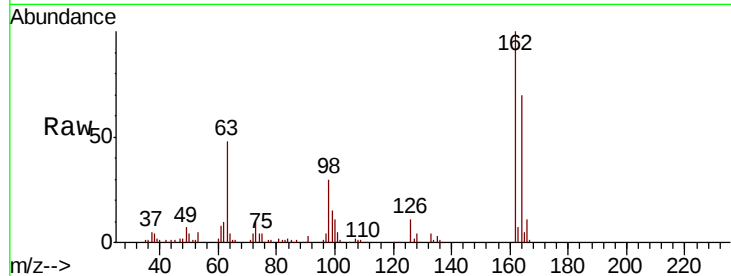
#29
2,4-Dichlorophenol
Concen: 50.801 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.9	46.1	86.1
98	29.7	14.7	54.7

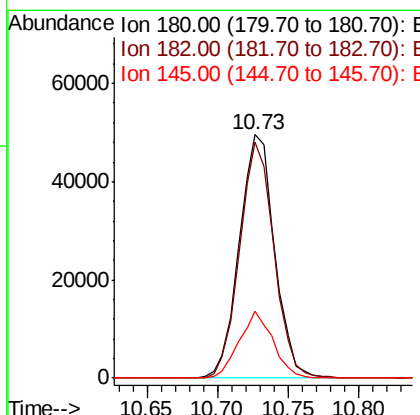
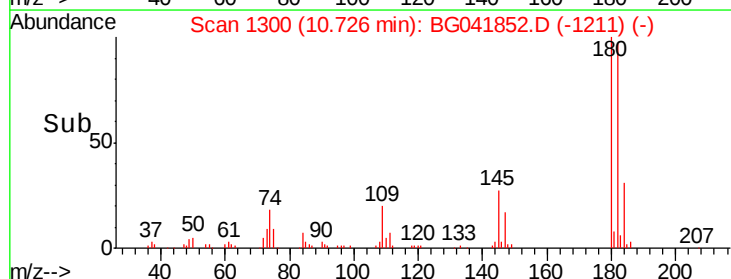
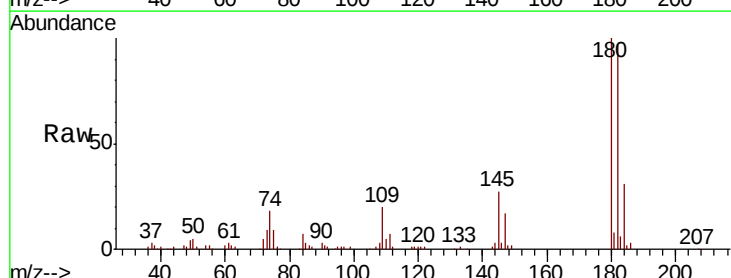
Manual Integrations
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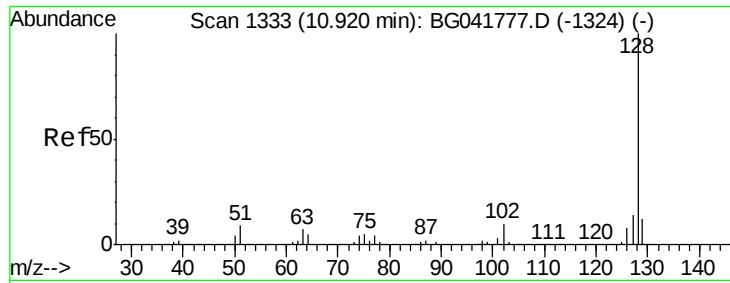
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 36.514 ng
RT: 10.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.2
145	27.3	23.8	35.8





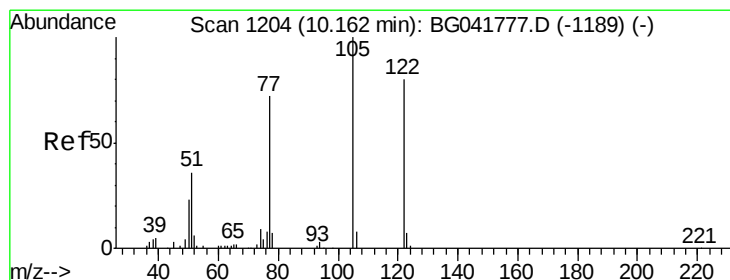
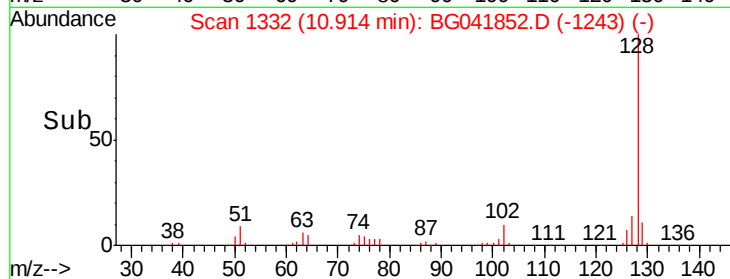
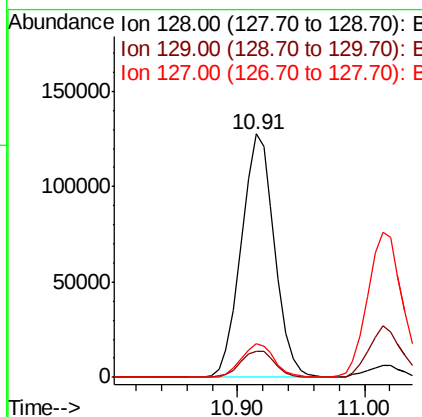
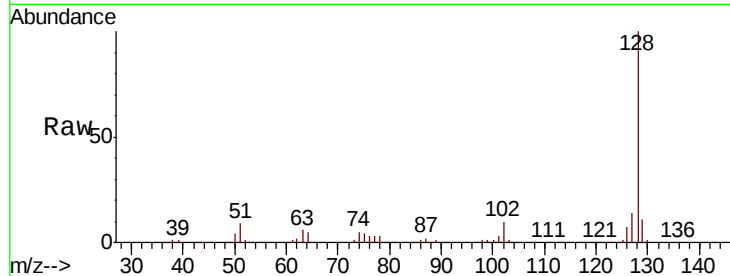
#31
Naphthalene
Concen: 41.376 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.0	15.0
127	14.1	12.3	18.5

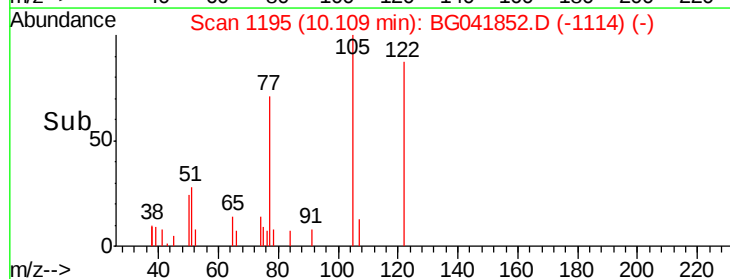
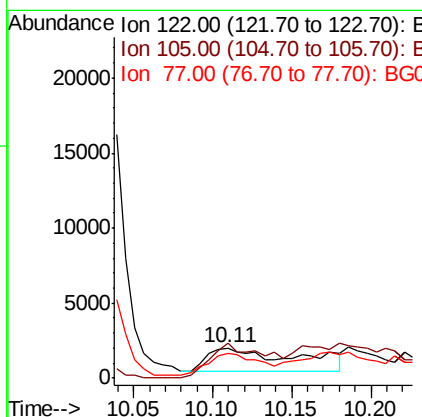
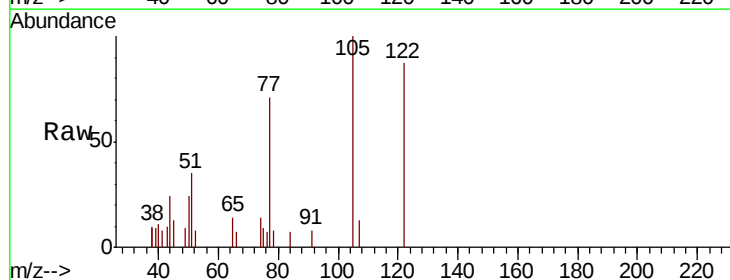
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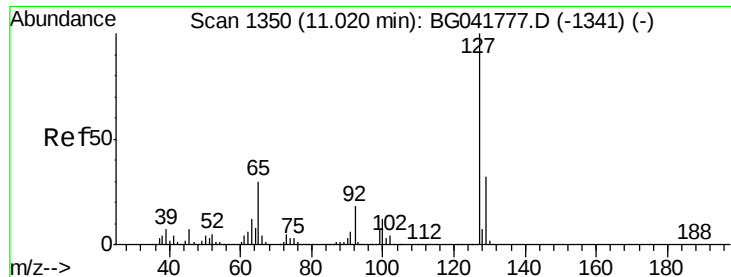
mohammad
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#32
Benzoic acid
Concen: 13.315 ng m
RT: 10.11 min Scan# 1195
Delta R.T. -0.05 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.4	101.5	141.5
77	82.1	73.0	113.0





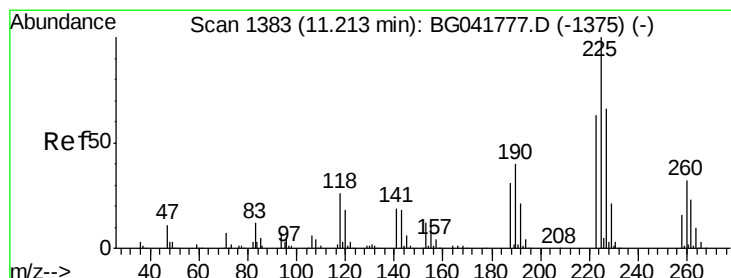
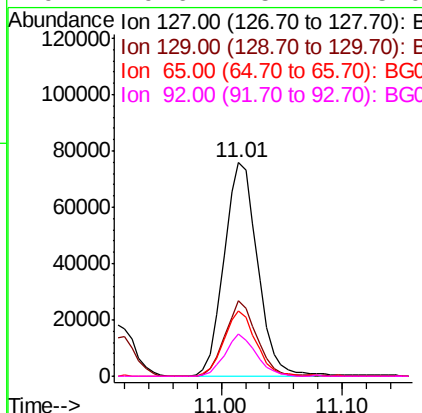
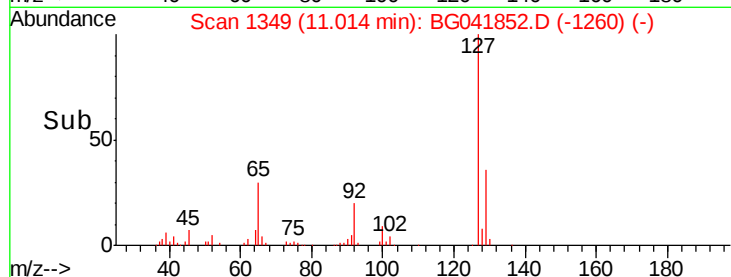
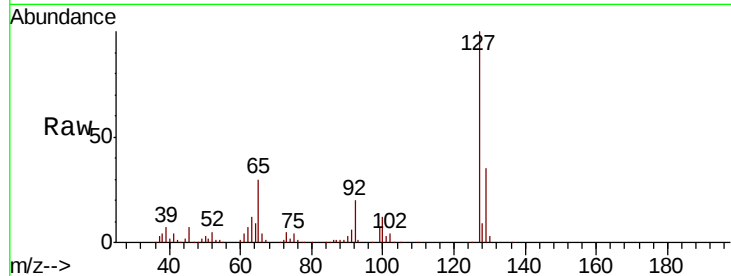
#33
4-Chloroaniline
Concen: 55.195 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	35.5	25.8	38.8	
65	30.3	26.7	40.1	
92	19.6	15.4	23.0	

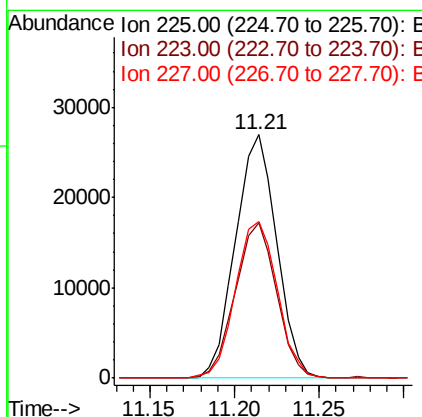
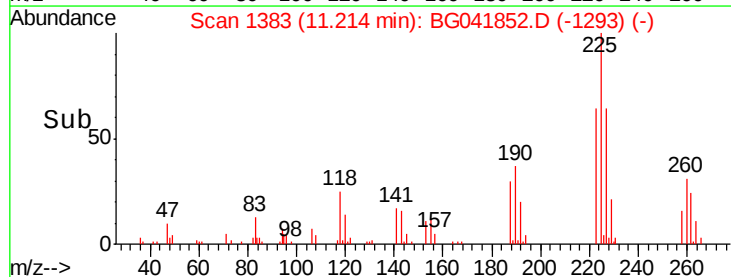
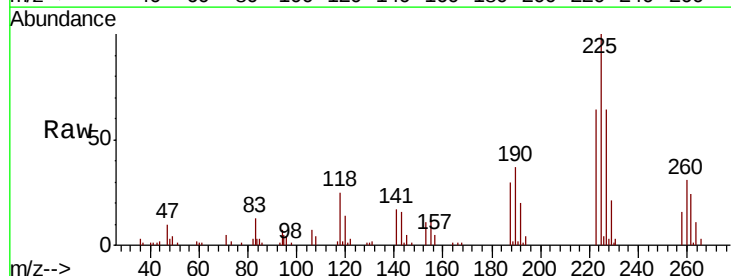
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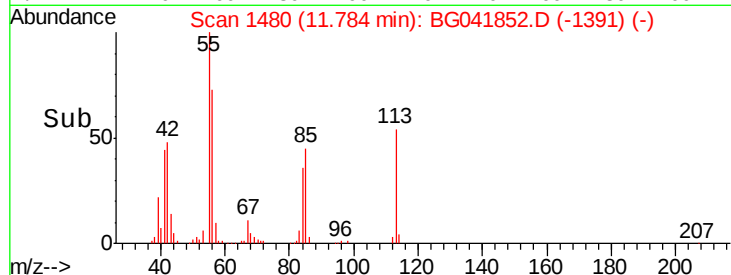
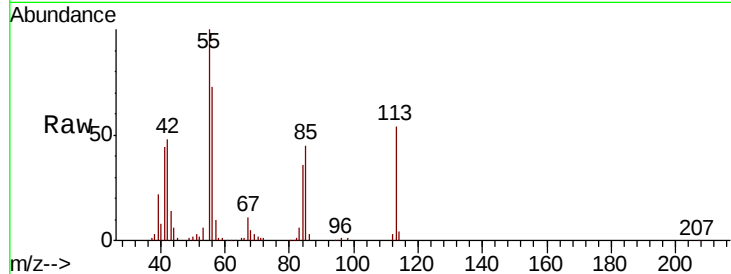
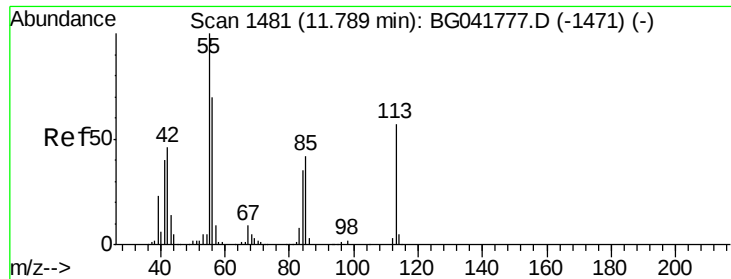
mohammad
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#34
Hexachlorobutadiene
Concen: 28.658 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.9	51.1	76.7	
227	64.5	50.9	76.3	





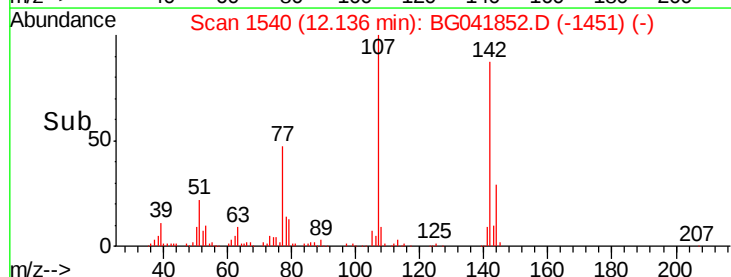
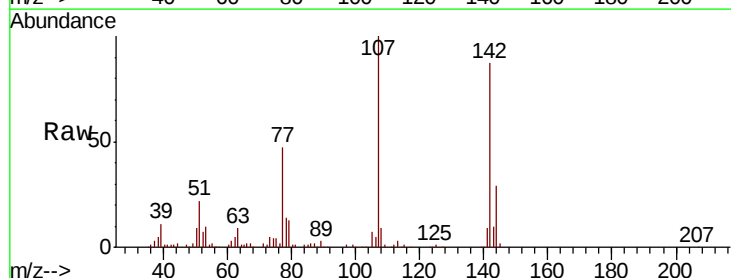
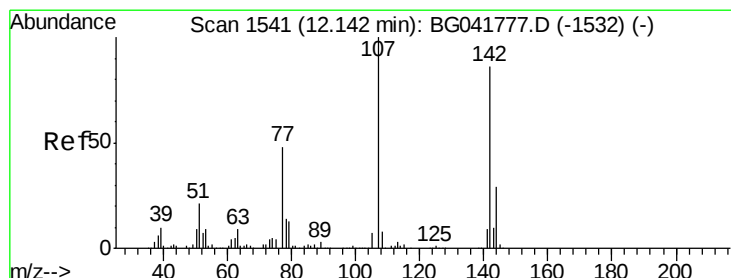
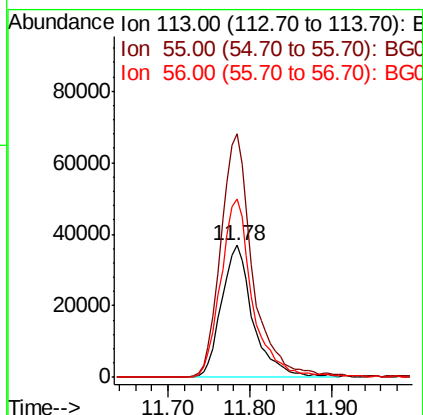
#35
Caprolactam
Concen: 153.151 ng
RT: 11.78 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.3	199.4	239.4#
56	135.3	133.6	173.6

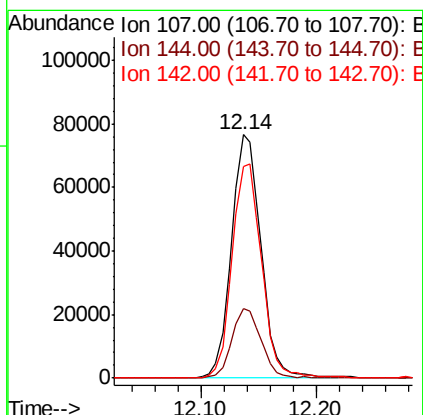
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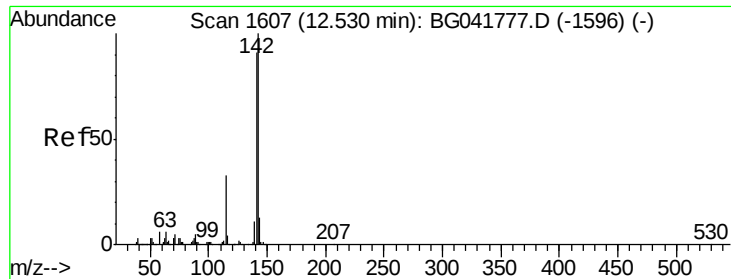
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#36
4-Chloro-3-methylphenol
Concen: 73.430 ng
RT: 12.14 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.6	22.2	33.2
142	86.8	67.3	100.9





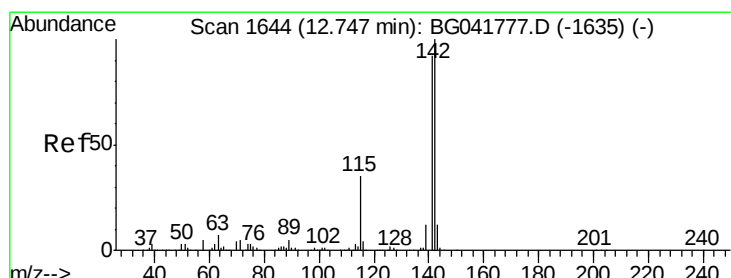
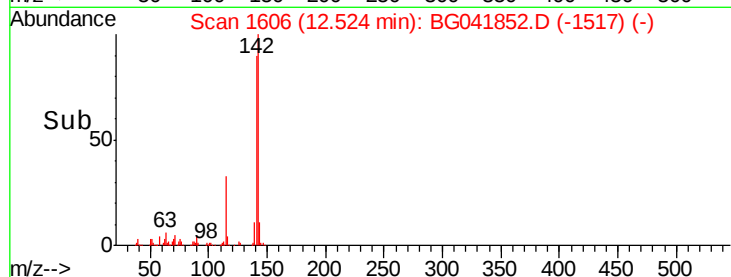
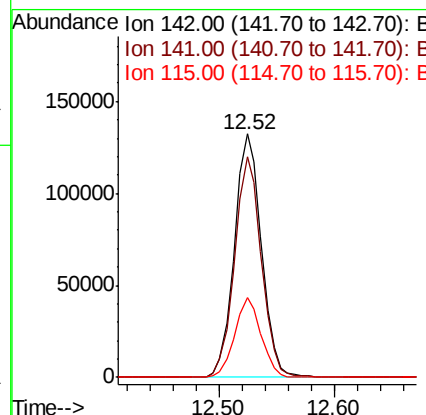
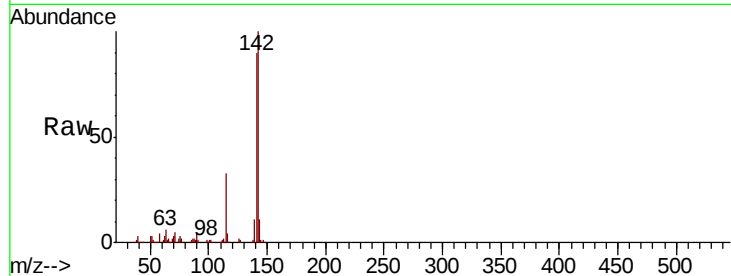
#37
2-Methylnaphthalene
Concen: 48.213 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.7	109.1
115	32.7	27.0	40.4

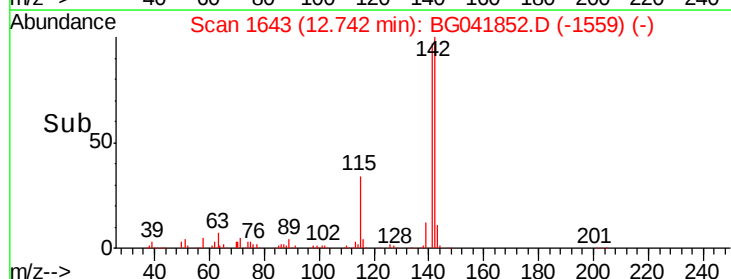
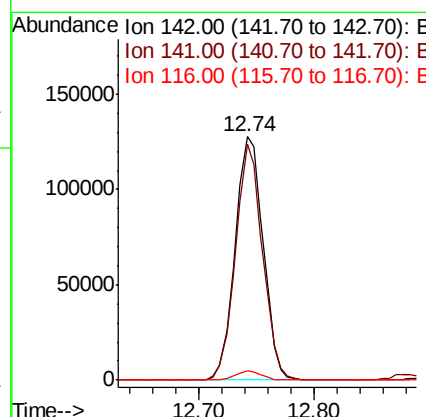
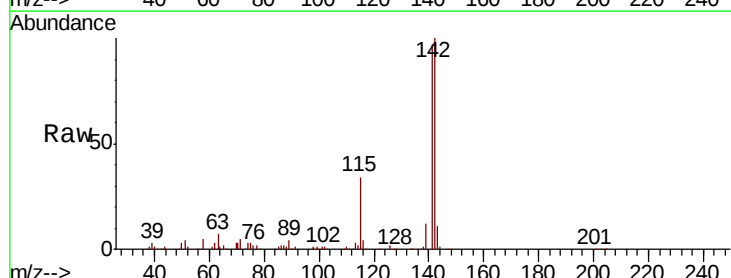
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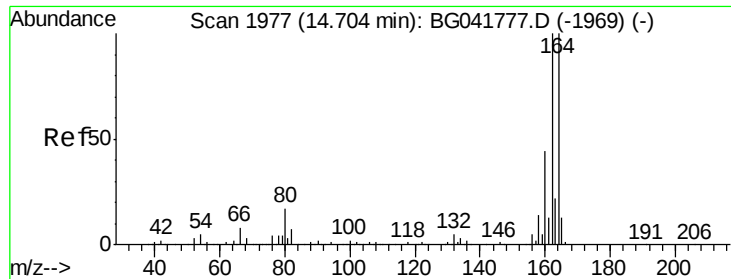
mohammad
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#38
1-Methylnaphthalene
Concen: 51.161 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.8	75.4	113.2
116	3.7	3.2	4.8





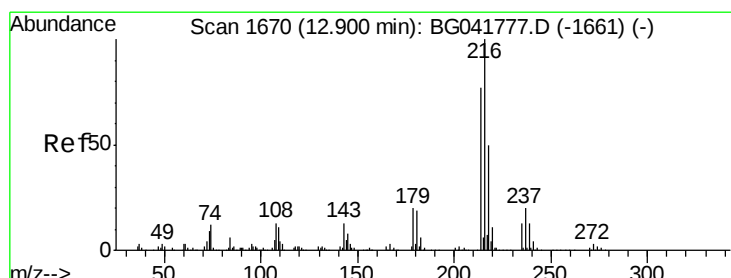
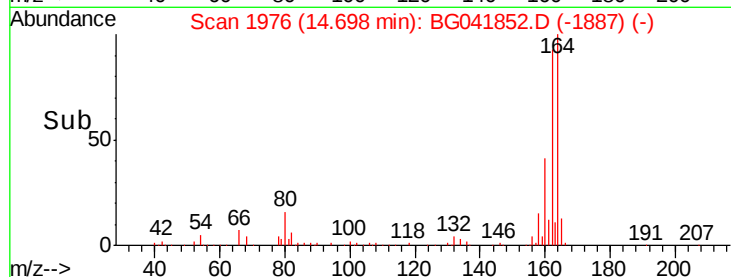
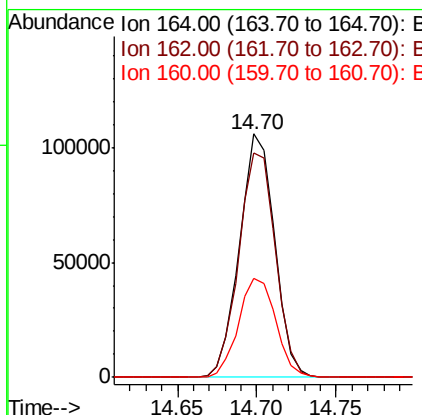
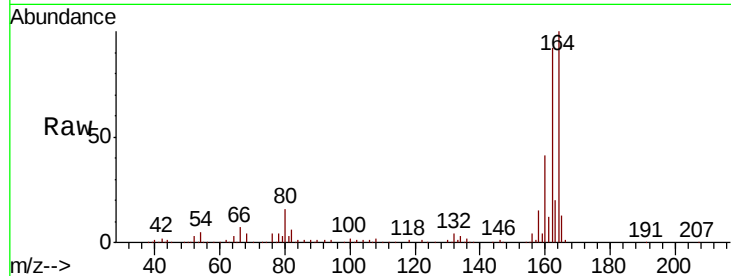
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
164	100		
162	92.1	79.6	119.4
160	40.8	35.4	53.0

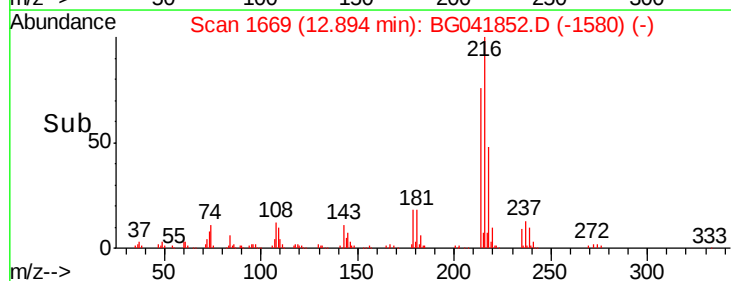
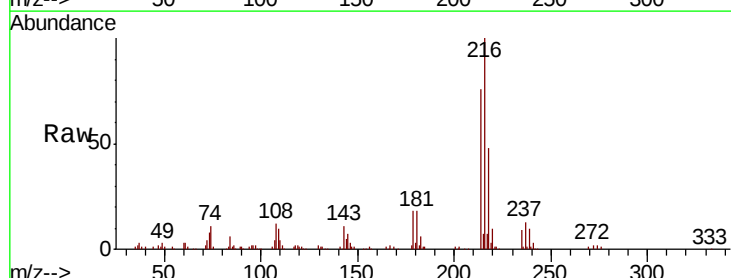
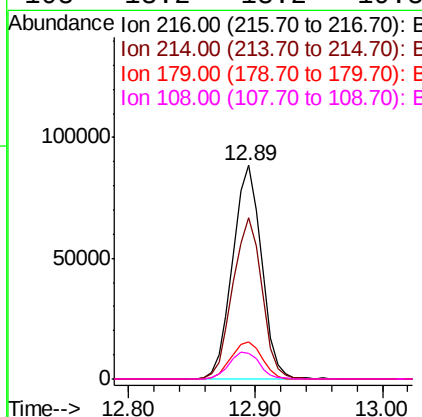
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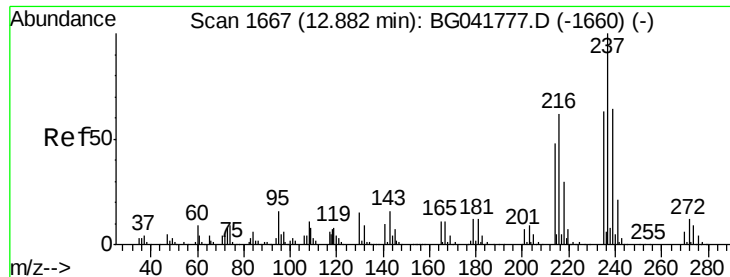
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 27.011 ng
RT: 12.89 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.0	61.5	92.3
179	18.6	16.2	24.2
108	13.2	13.2	19.8





#41

Hexachlorocyclopentadiene

Concen: 17.946 ng

RT: 12.88 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

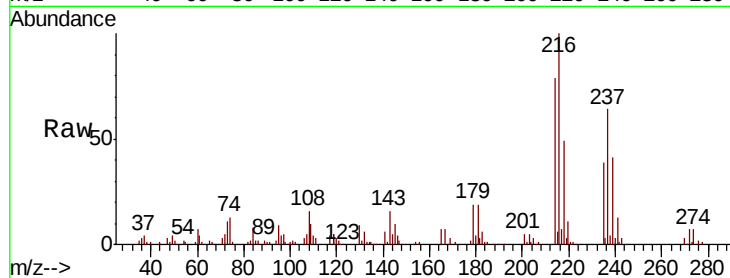
ClientSampleId :

SSTDCCC040EC

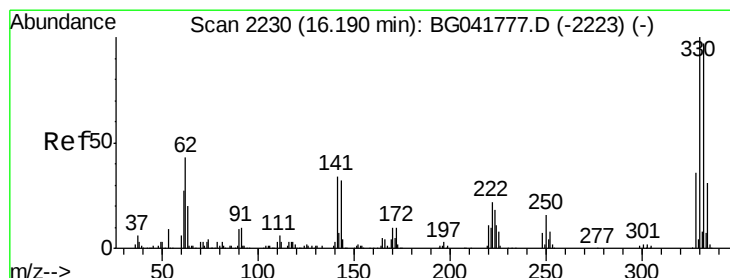
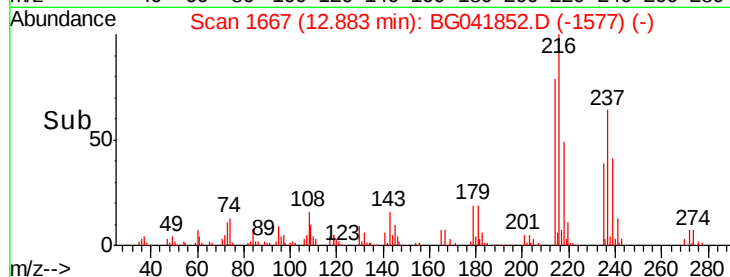
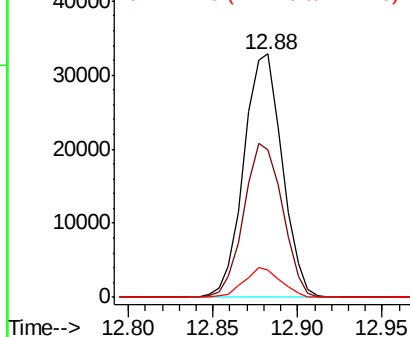
Tot Ion:	237	Resp:	52151
Ion Ratio	Lower	Upper	
237	100		
235	60.6	43.5	83.5
272	11.0	0.0	31.2

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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: 155.757 ng

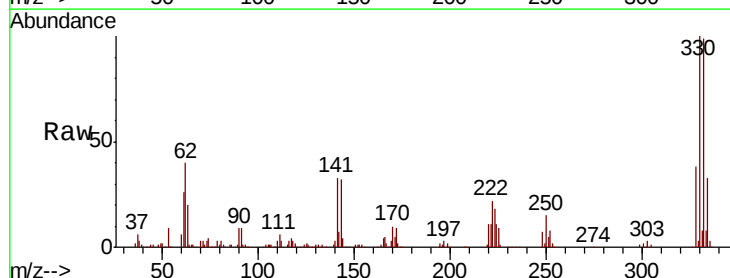
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

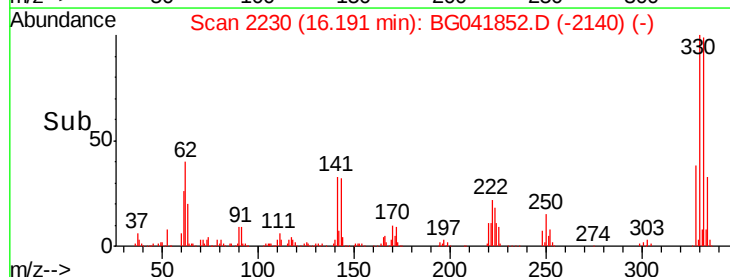
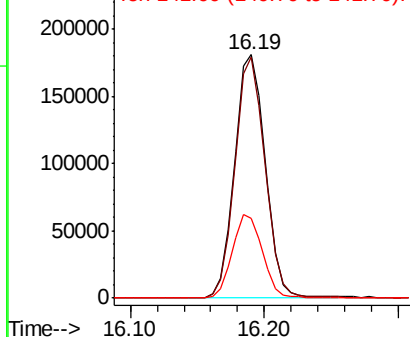
Lab File: BG041852.D

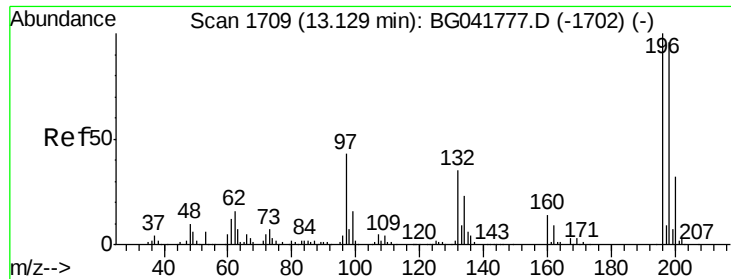
Acq: 1 Aug 2019 3:09

Tgt Ion:	330	Resp:	288883
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.4	116.0
141	33.9	31.9	47.9



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





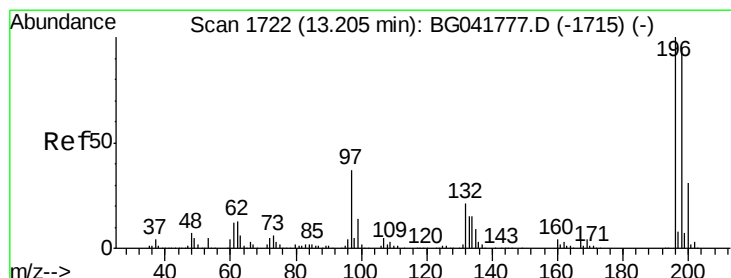
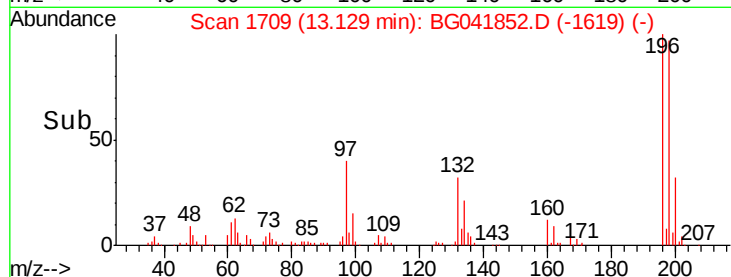
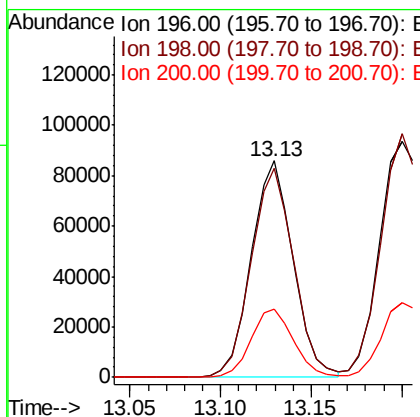
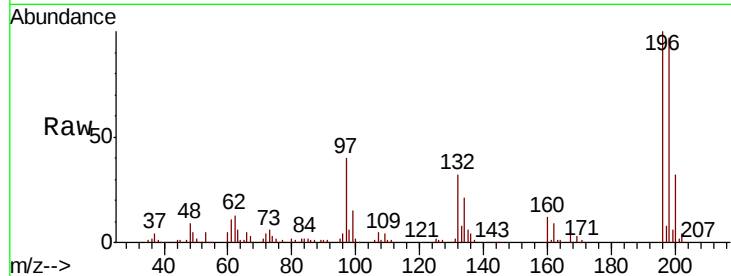
#43
 2,4,6-Trichlorophenol
 Concen: 42.180 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	79.6	119.4
200	31.5	25.2	37.8

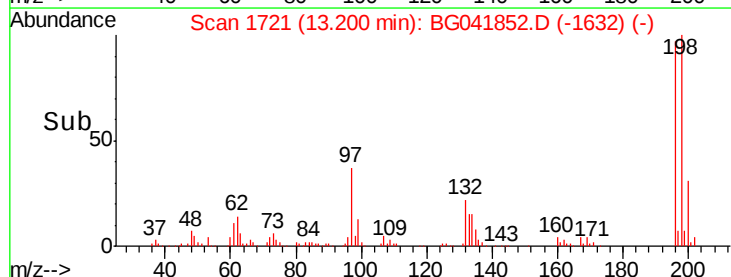
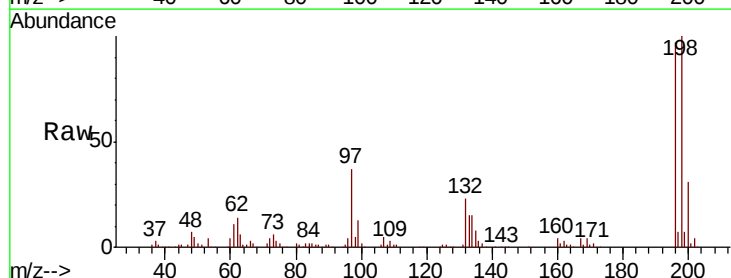
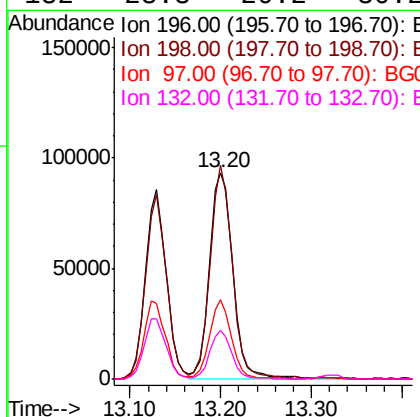
Manual Integrations
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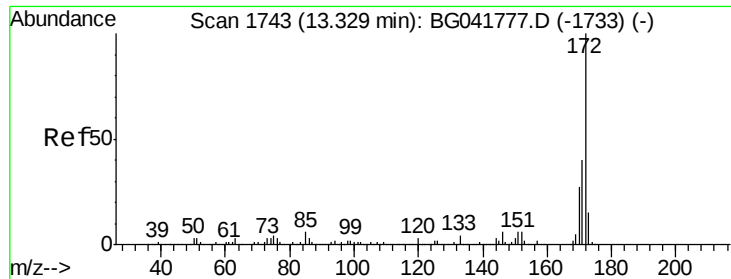
mohammad
 8/1/2019 5:10:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 48.968 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.3	80.6	121.0
97	38.3	33.9	50.9
132	23.3	20.2	30.2





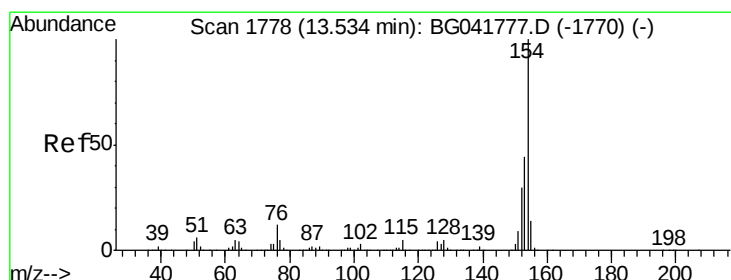
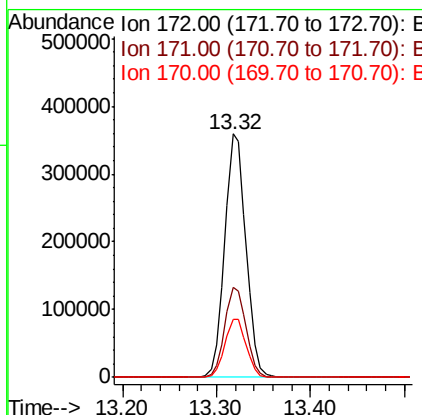
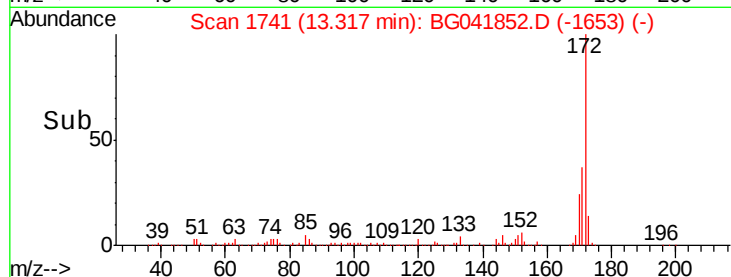
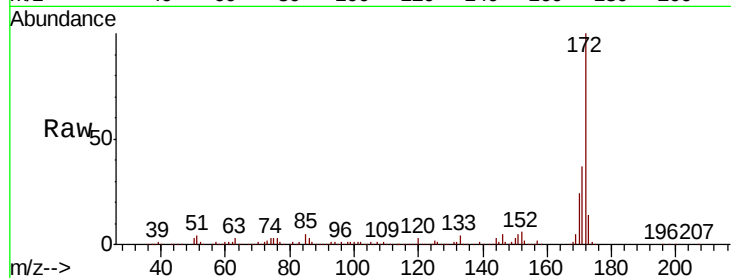
#45
 2-Fluorobiphenyl
 Concen: 60.749 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	172	Resp:	562414
Ion Ratio	Lower	Upper	
172	100		
171	37.0	35.0	52.4
170	23.6	23.5	35.3

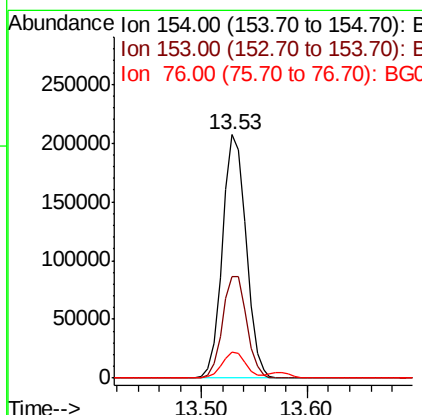
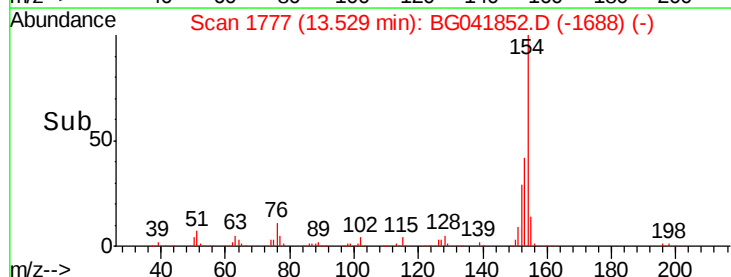
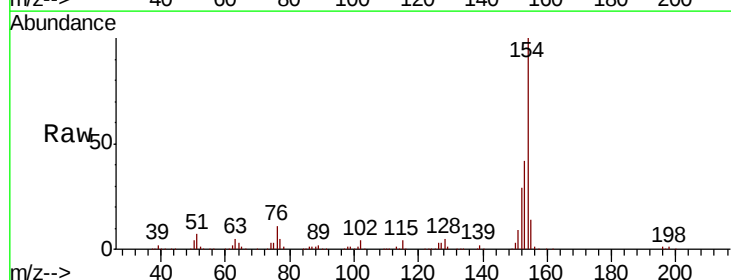
Manual Integrations
 APPROVED

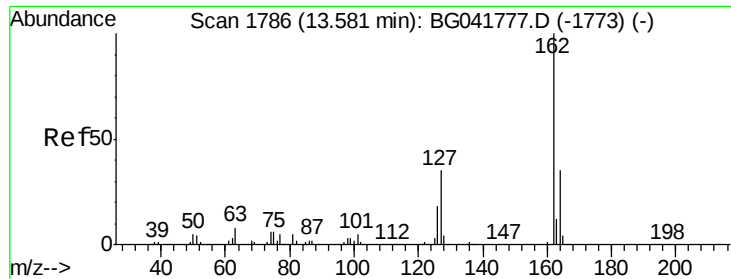
mohammad
 8/1/2019 5:10:21 PM



#46
 1,1'-Biphenyl
 Concen: 30.699 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion:	154	Resp:	322235
Ion Ratio	Lower	Upper	
154	100		
153	41.6	25.0	65.0
76	10.9	0.0	34.5





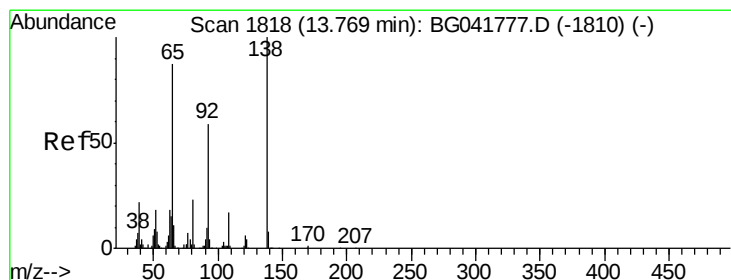
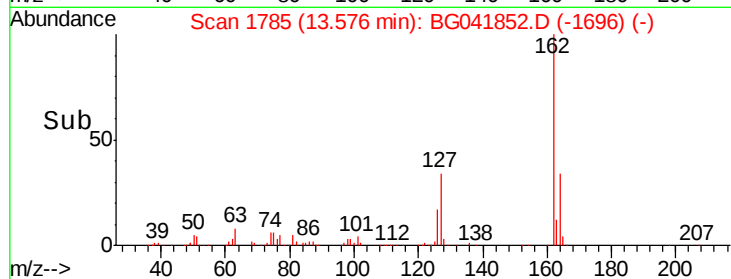
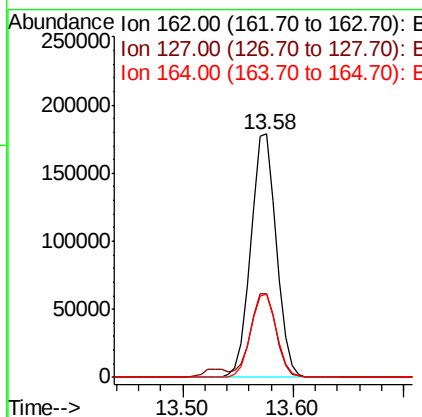
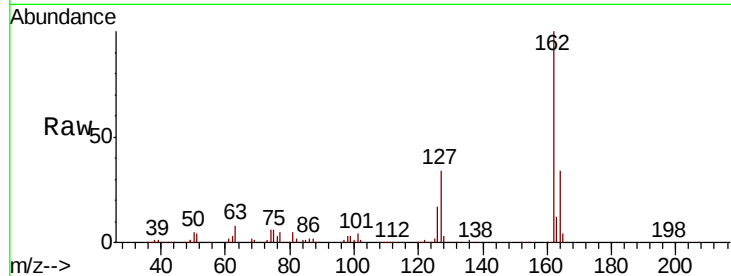
#47
2-Chloronaphthalene
Concen: 32.566 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	291031		
127	34.3	30.4	45.6	
164	34.3	28.6	42.8	

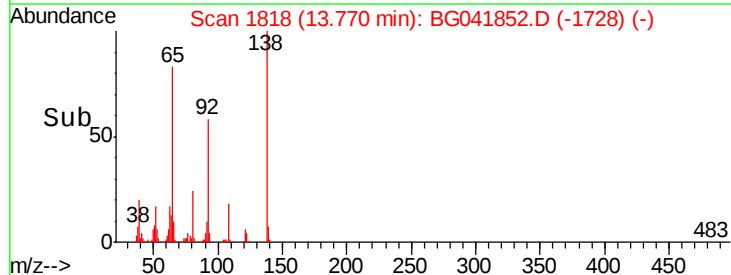
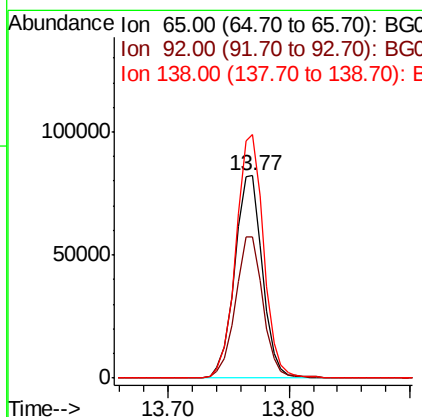
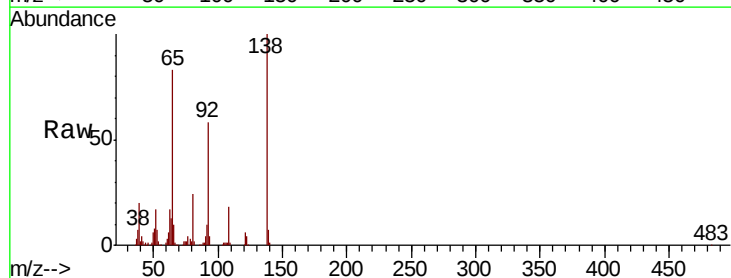
Manual Integrations
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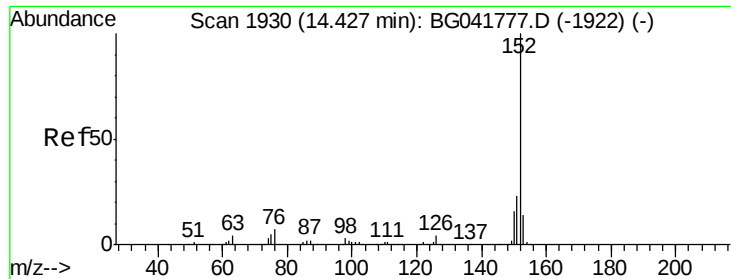
mohammad
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#48
2-Nitroaniline
Concen: 58.428 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	132428		
92	70.1	53.9	80.9	
138	120.5	83.5	125.3	





#49

Acenaphthylene

Concen: 40.868 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

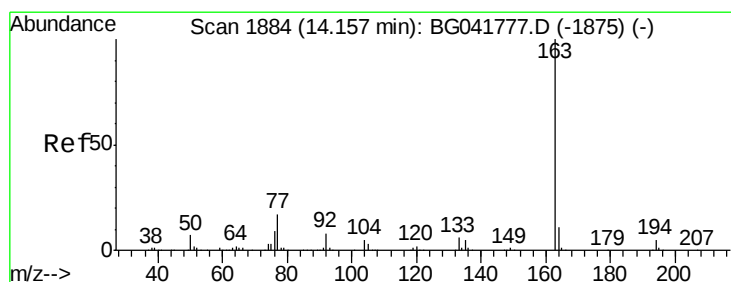
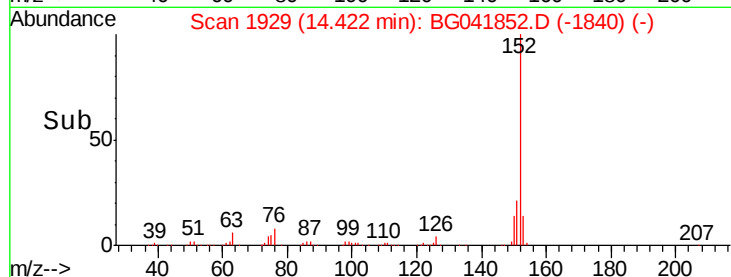
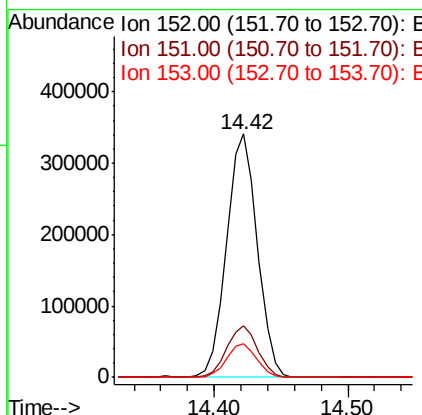
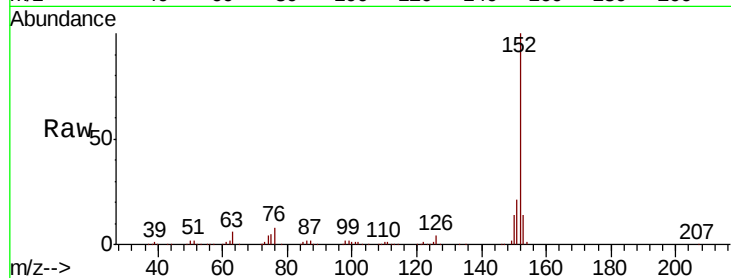
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	546314
Ion Ratio	Lower	Upper	
152	100		
151	20.9	18.7	28.1
153	13.6	12.4	18.6

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#50

Dimethylphthalate

Concen: 52.771 ng

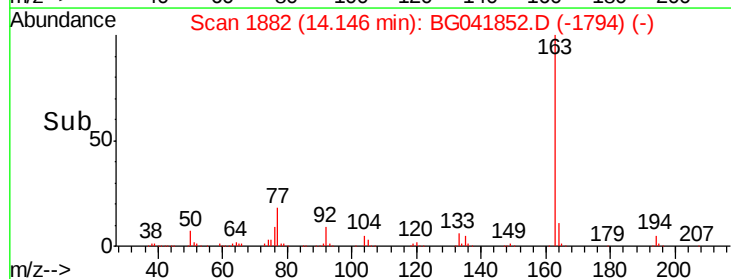
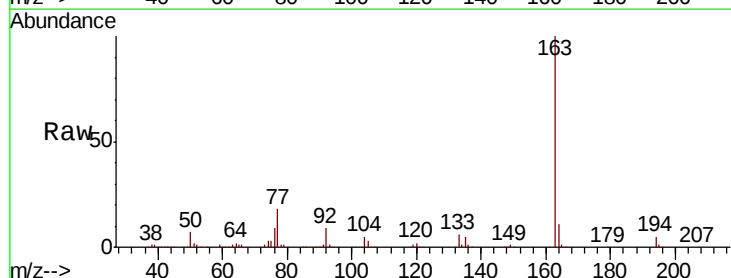
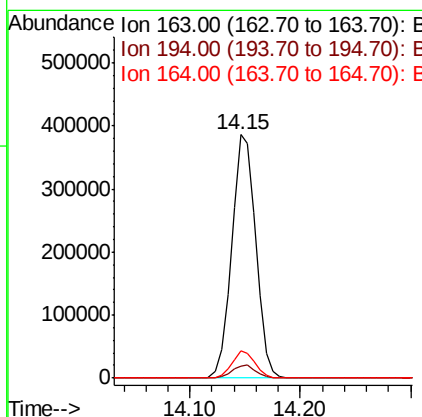
RT: 14.15 min Scan# 1882

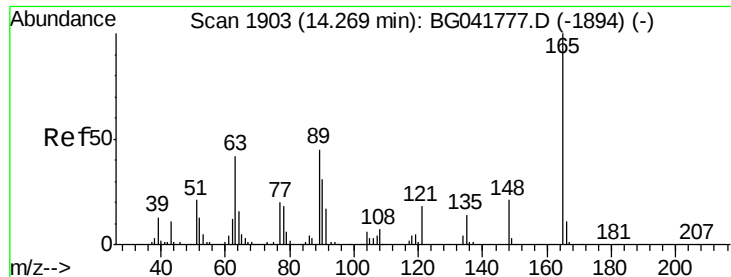
Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion:	163	Resp:	588482
Ion Ratio	Lower	Upper	
163	100		
194	4.9	4.2	6.2
164	11.3	9.4	14.2





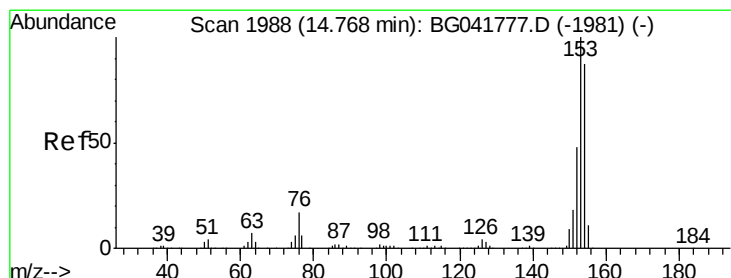
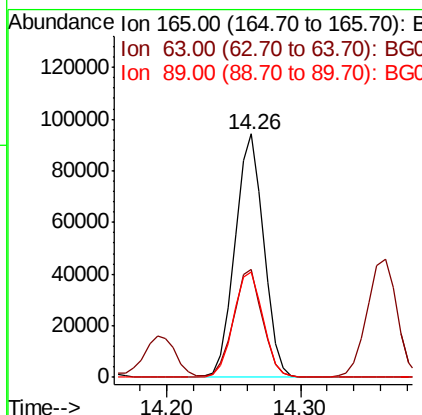
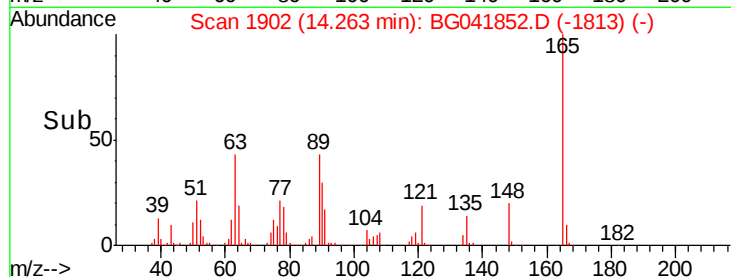
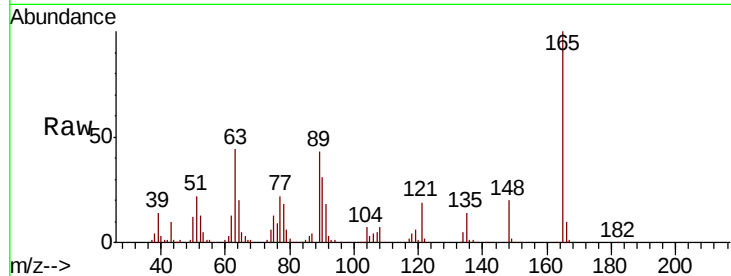
#51
2,6-Dinitrotoluene
Concen: 60.276 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	140554		
63	44.3		42.4	63.6
89	43.4		42.1	63.1

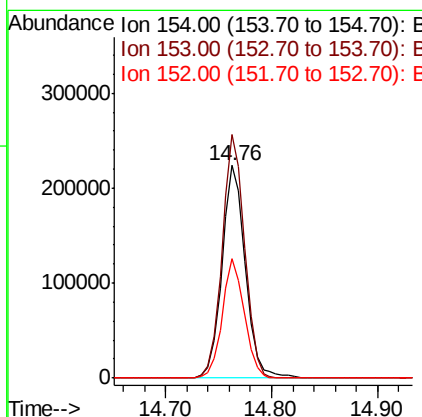
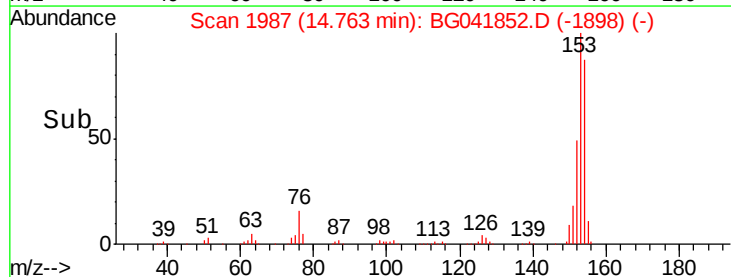
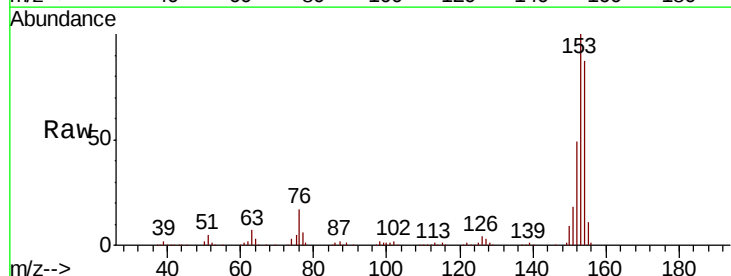
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#52
Acenaphthene
Concen: 39.478 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	343234		
153	114.4		89.8	134.6
152	56.0		44.9	67.3





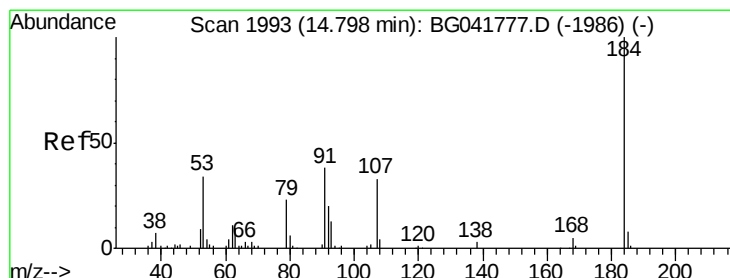
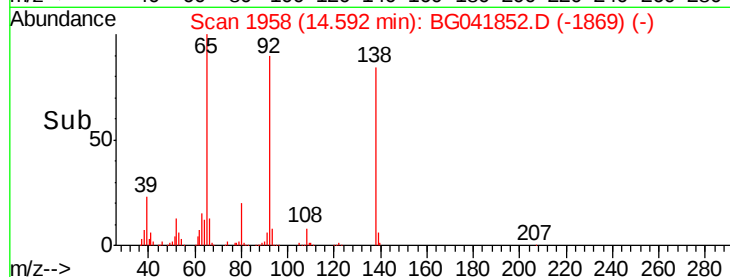
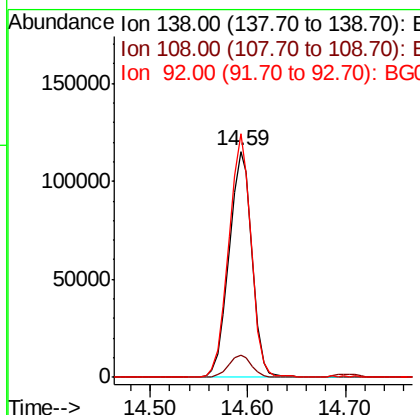
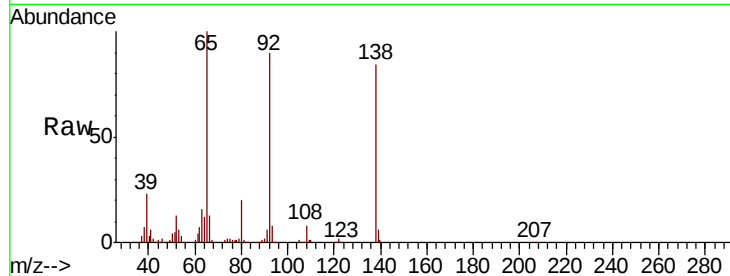
#53
3-Nitroaniline
Concen: 75.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	10.3	15.5#
92	107.7	93.0	139.4

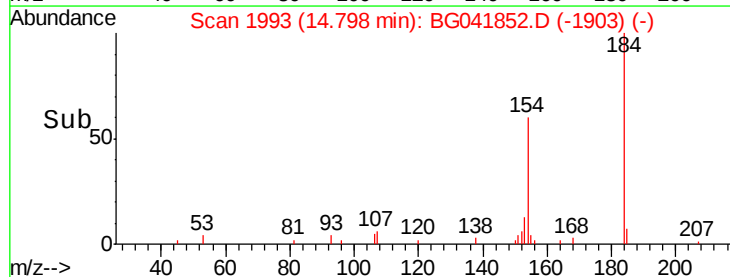
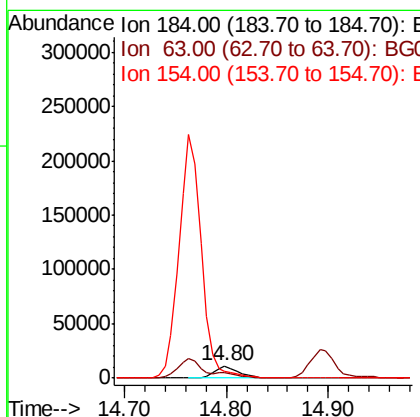
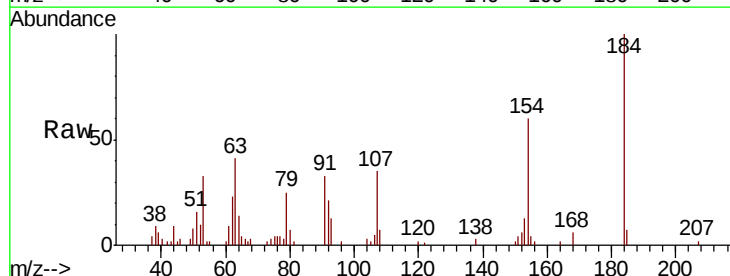
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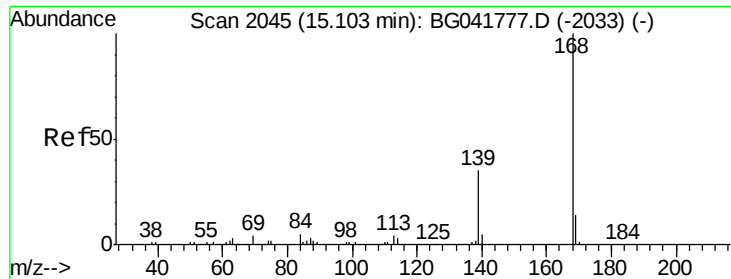
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#54
2,4-Dinitrophenol
Concen: 21.652 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	40.9	43.2	64.8#
154	60.3	51.4	77.2





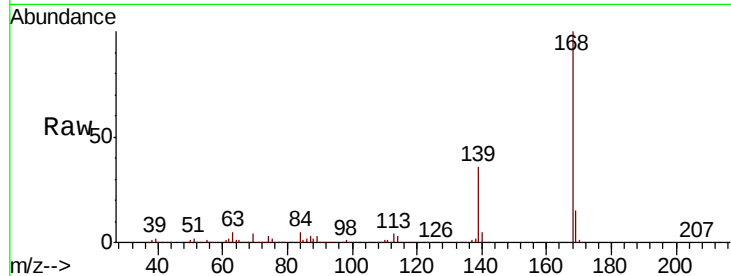
#55
Dibenzenofuran
Concen: 46.194 ng
RT: 15.10 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	31.9	47.9
169	15.0	12.5	18.7

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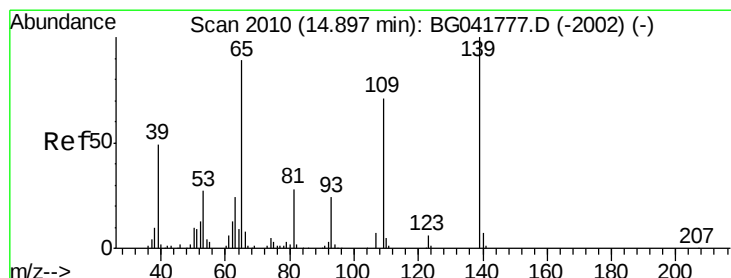
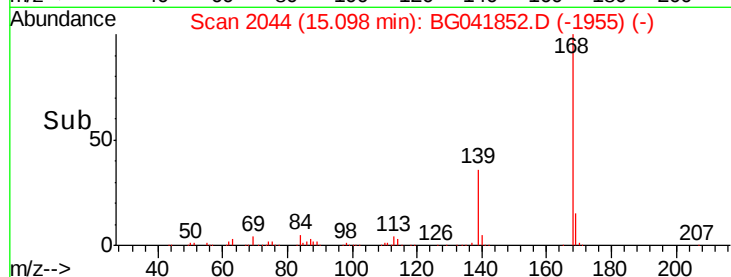
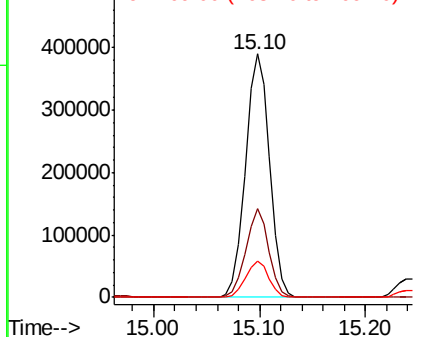


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 93.533 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

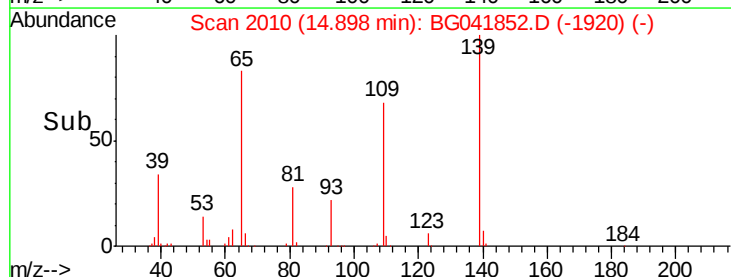
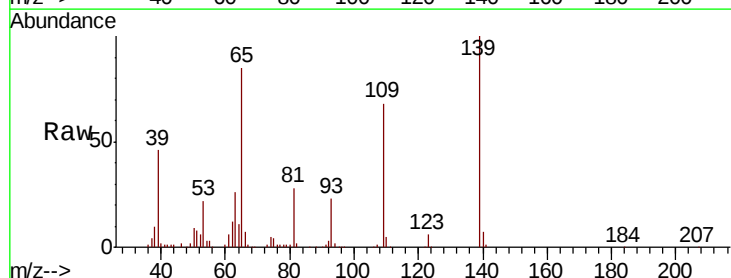
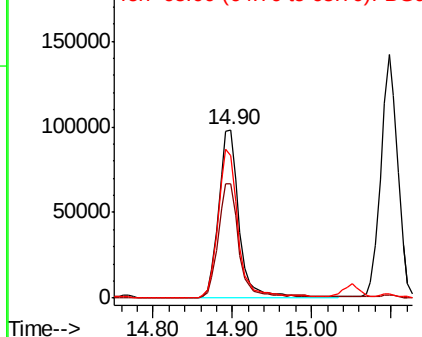
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.3	51.3	91.3
65	84.7	77.6	117.6

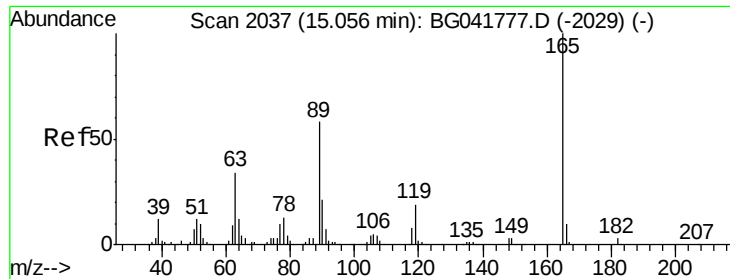
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





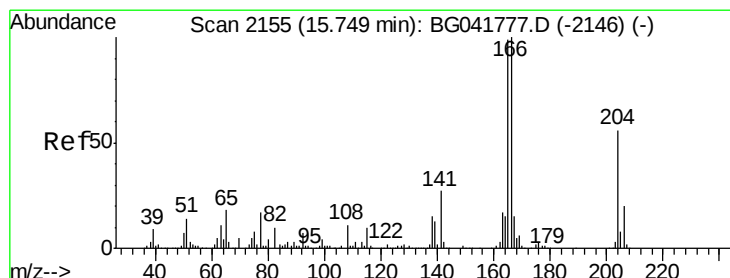
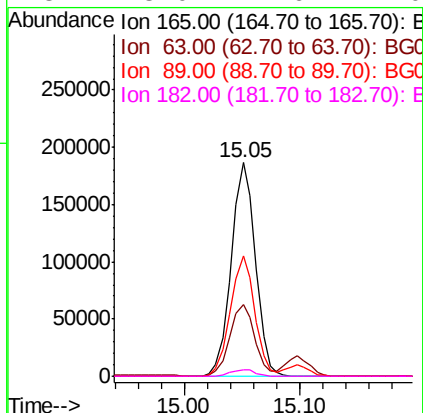
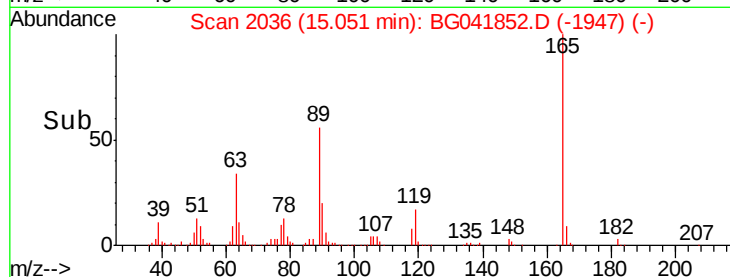
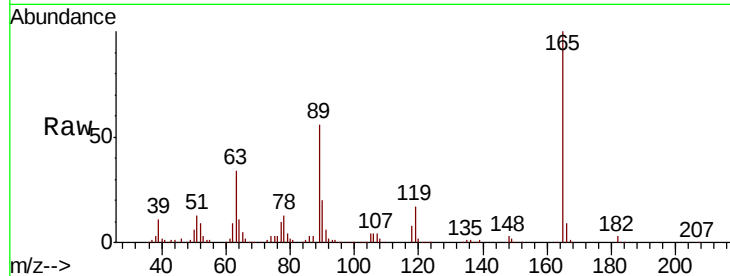
#57
 2,4-Dinitrotoluene
 Concen: 84.249 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		270169		
63	33.7		31.7	47.5	
89	56.1		50.2	75.4	
182	3.0		2.6	4.0	

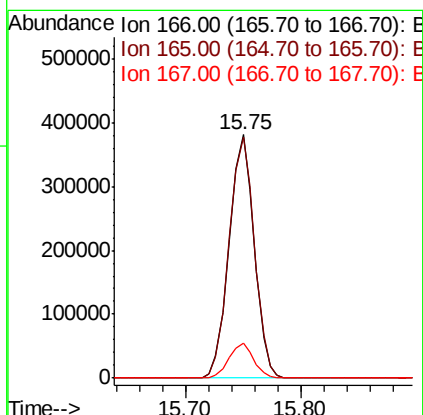
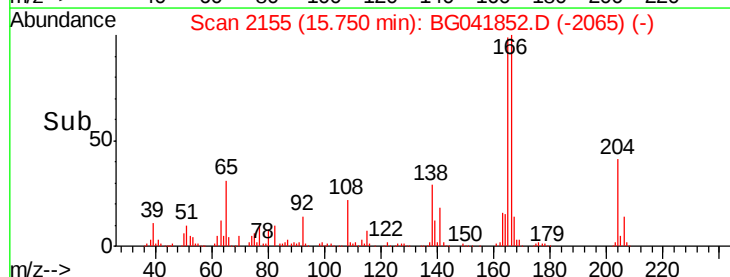
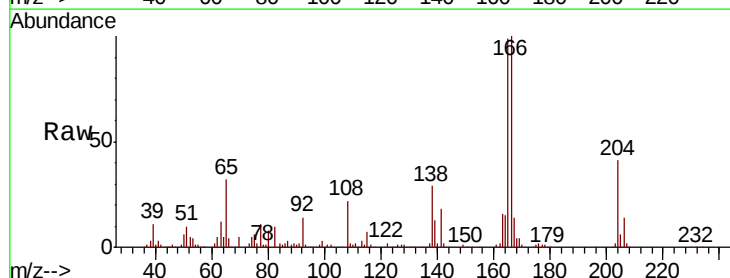
Manual Integrations
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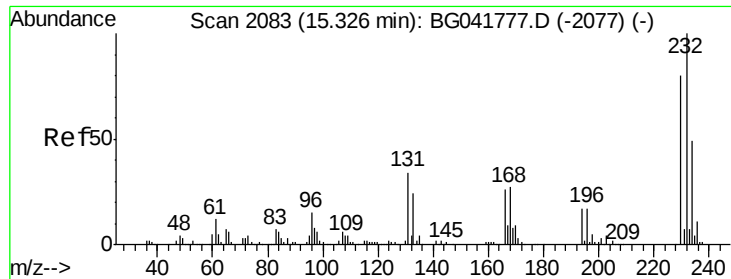
mohammad
 8/1/2019 5:10:21 PM



#58
 Fluorene
 Concen: 53.643 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		572485		
165	99.0		80.5	120.7	
167	14.2		12.4	18.6	





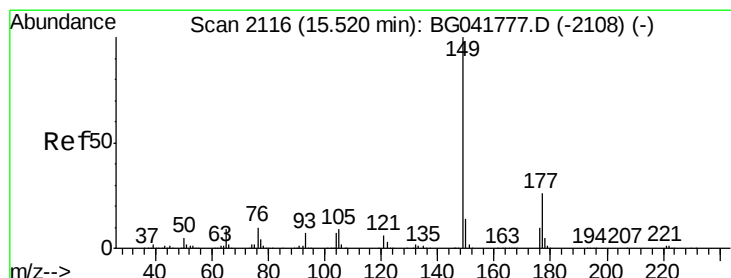
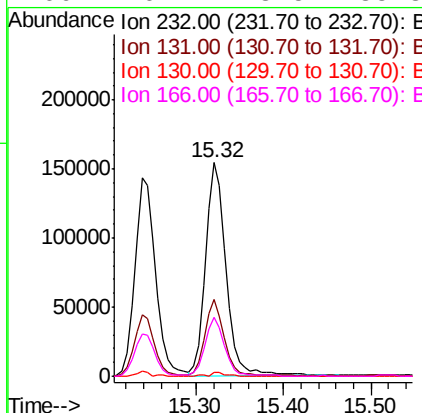
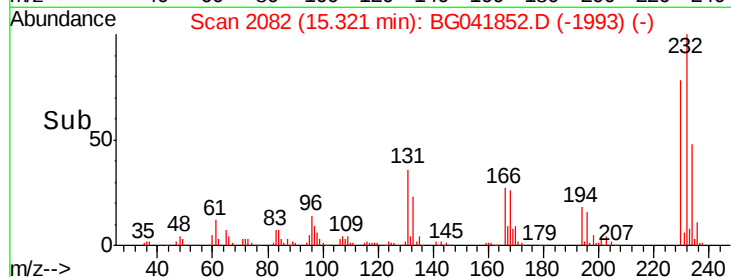
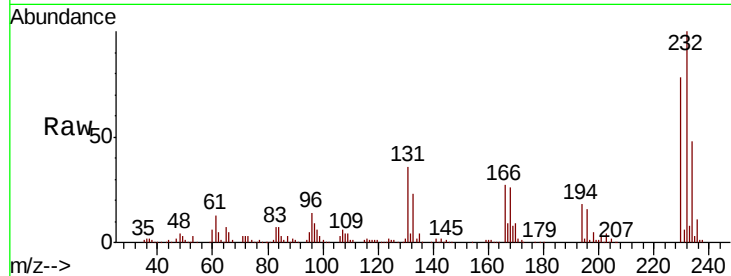
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 74.108 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
232	100	249172		
131	33.4	31.8	47.6	
130	1.5	1.8	2.8	
166	26.1	23.5	35.3	

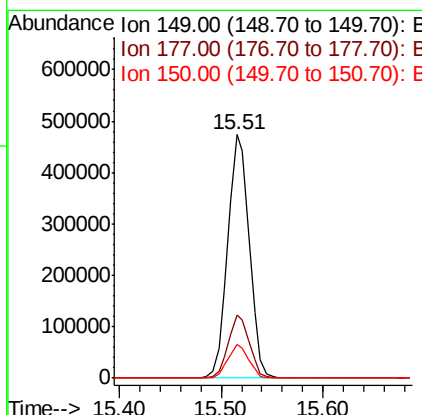
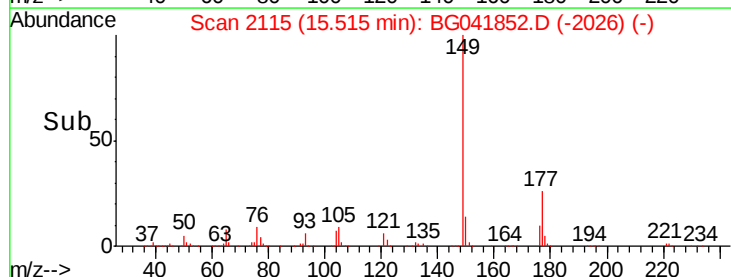
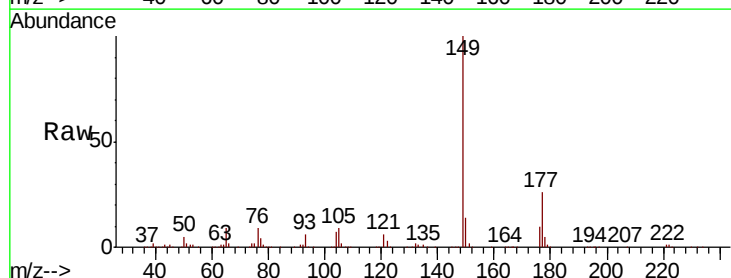
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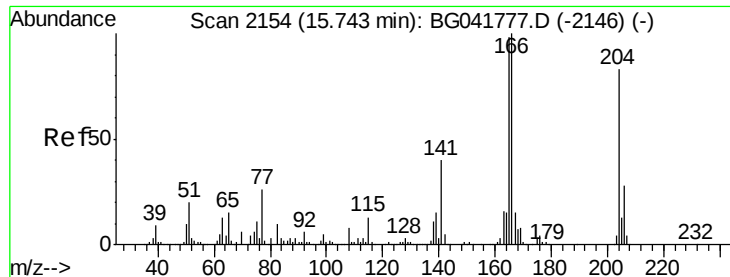
mohammad
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#60
 Diethylphthalate
 Concen: 63.443 ng
 RT: 15.51 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	694594		
177	25.9	20.7	31.1	
150	13.8	11.5	17.3	





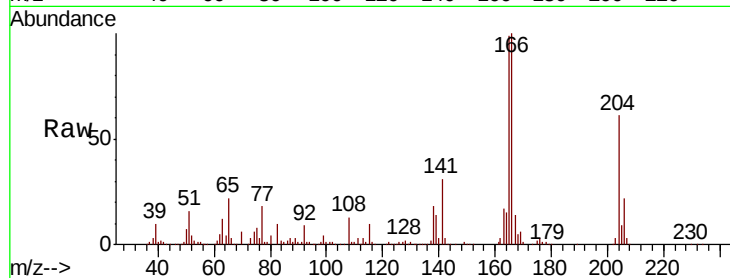
#61
4-Chlorophenyl-phenylether
Concen: 47.283 ng
RT: 15.74 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.1	28.6	42.8
141	49.8	42.9	64.3

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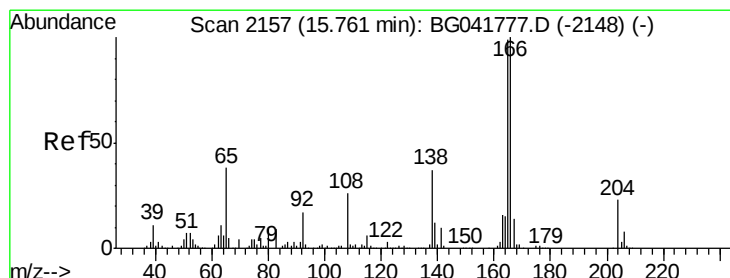
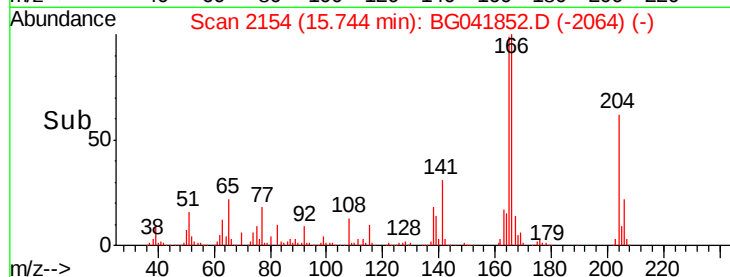
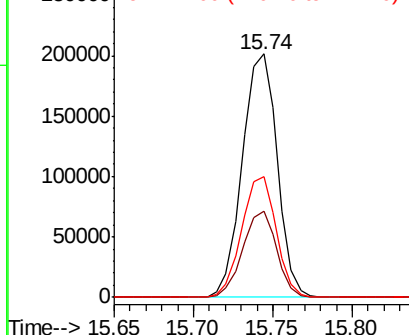


Abundance

Ion 204.00 (203.70 to 204.70): E

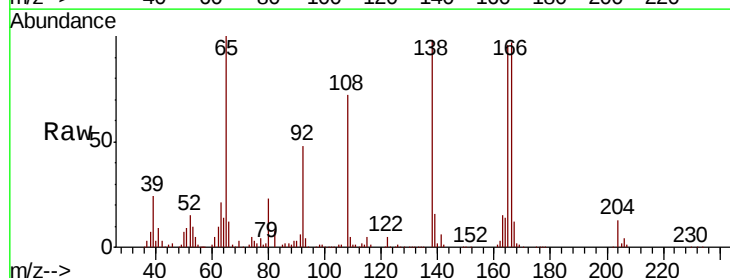
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 103.220 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.8	69.8
108	73.8	52.2	92.2

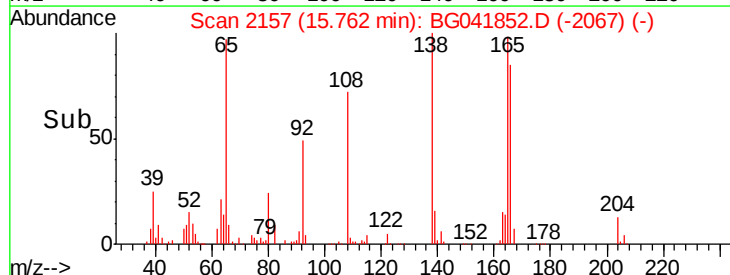
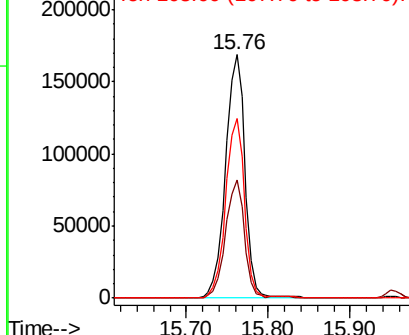


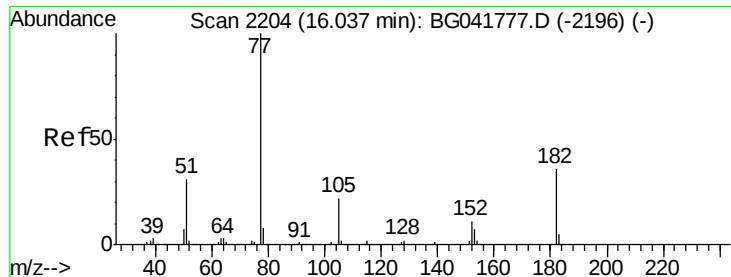
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 53.562 ng

RT: 16.03 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

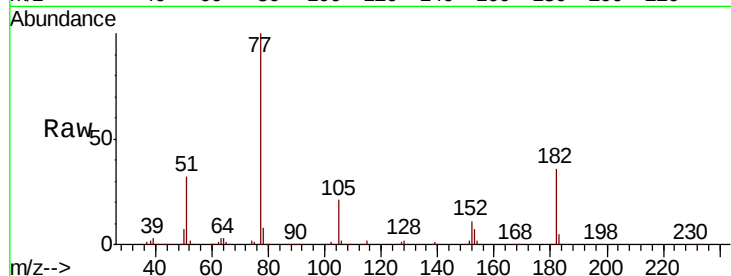
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.7	13.2	53.2	
105	21.0	2.2	42.2	
51	32.2	14.6	54.6	

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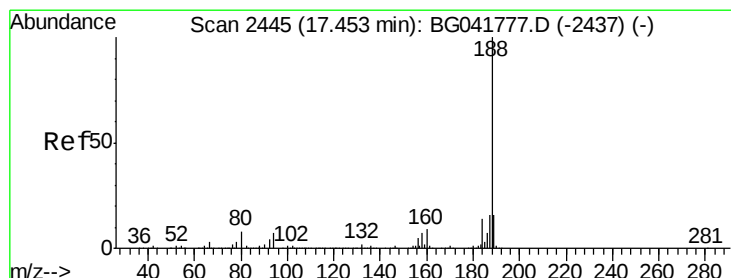
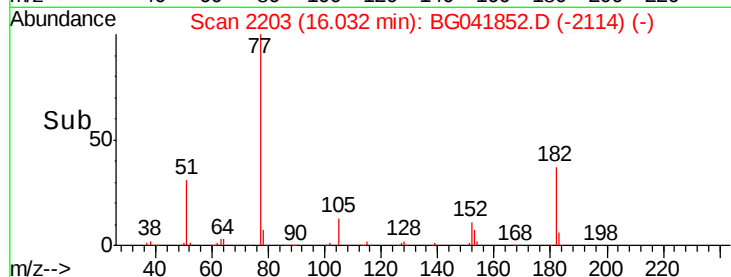
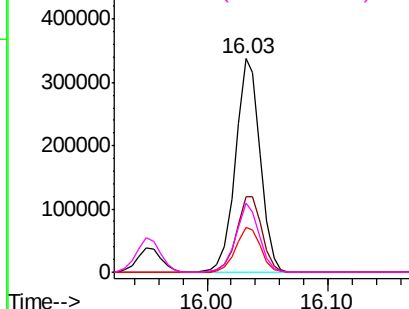
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

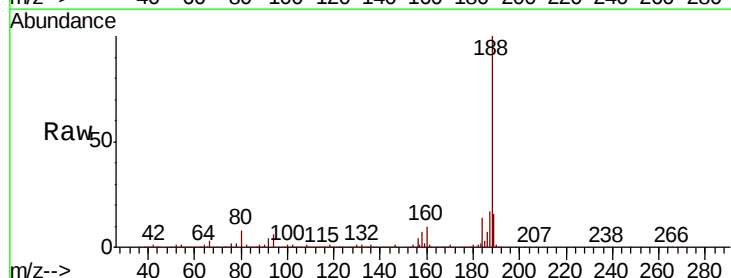
RT: 17.45 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	6.5	6.9	10.3#	
80	7.8	8.0	12.0#	

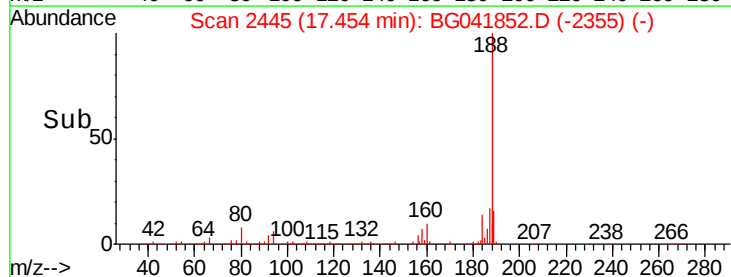
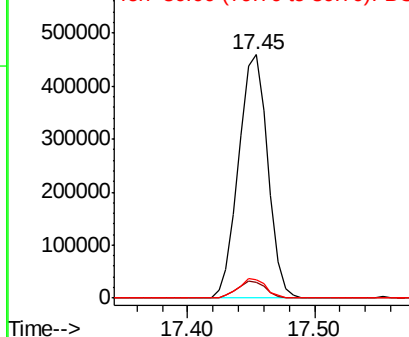


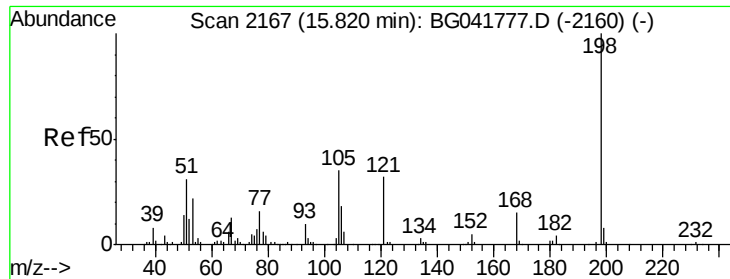
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 22.832 ng

RT: 15.82 min Scan# 2167

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

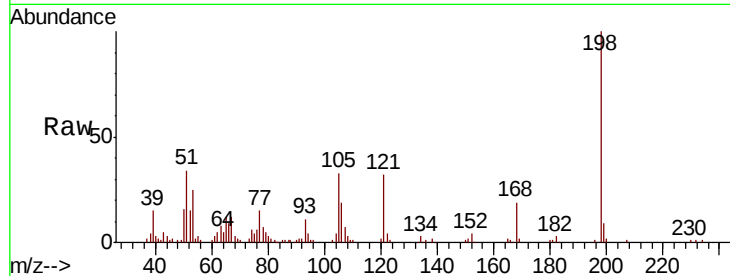
ClientSampleId :

SSTDCCC040EC

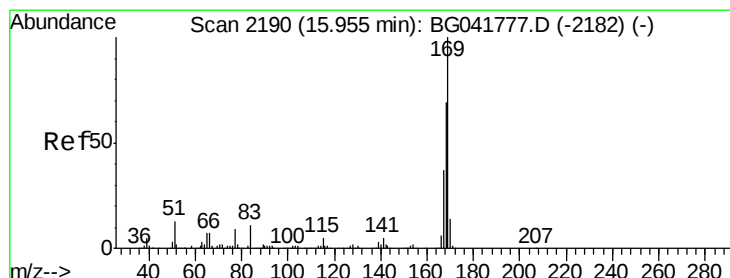
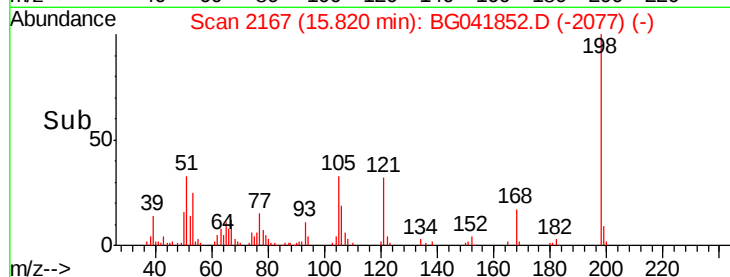
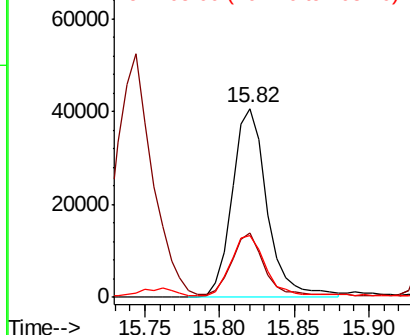
Tot Ion:	198	Resp:	66742
Ion Ratio	Lower	Upper	
198	100		
51	34.1	22.3	62.3
105	32.8	18.0	58.0

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



#66

n-Nitrosodiphenylamine

Concen: 30.423 ng

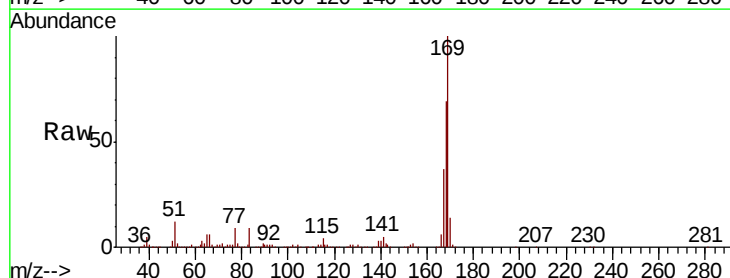
RT: 15.96 min Scan# 2190

Delta R.T. 0.00 min

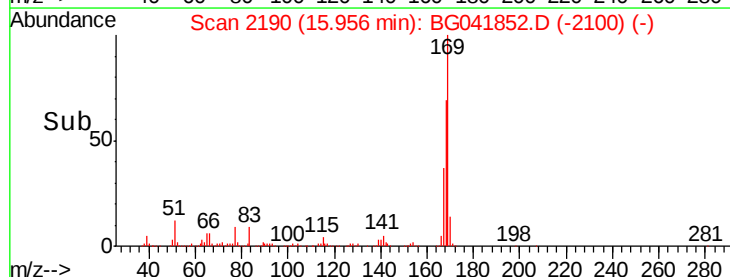
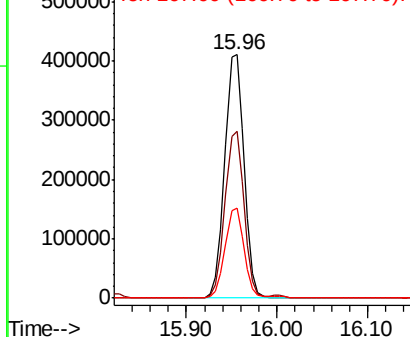
Lab File: BG041852.D

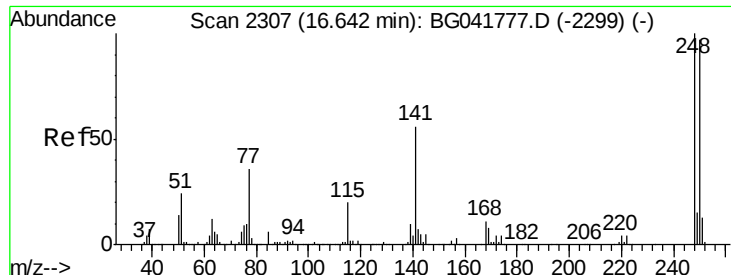
Acq: 1 Aug 2019 3:09

Tgt Ion:	169	Resp:	606205
Ion Ratio	Lower	Upper	
169	100		
168	68.7	56.9	85.3
167	36.9	31.5	47.3



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





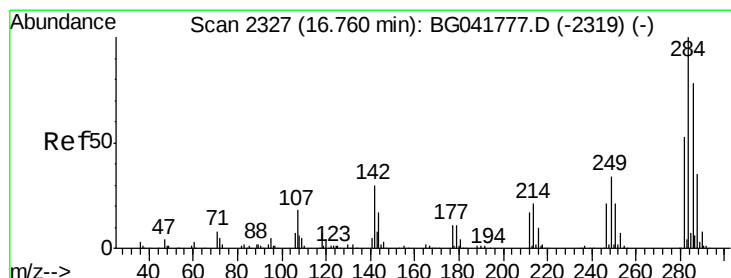
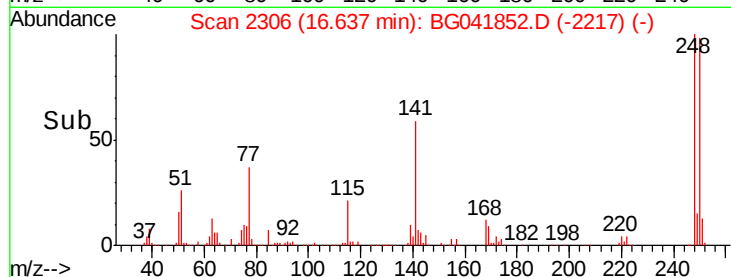
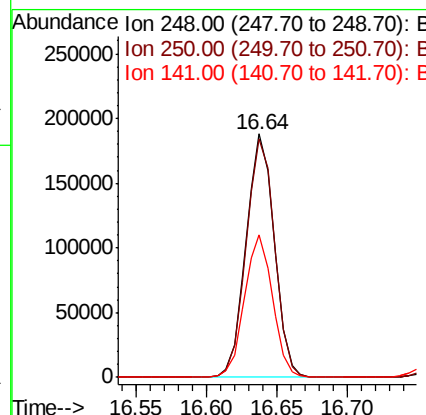
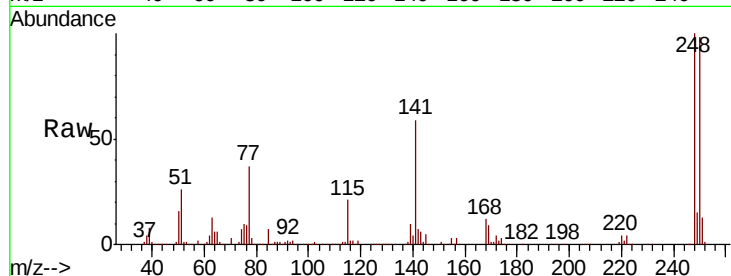
#67
 4-Bromophenyl-phenylether
 Concen: 29.228 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.1	117.1
141	58.8	49.6	74.4

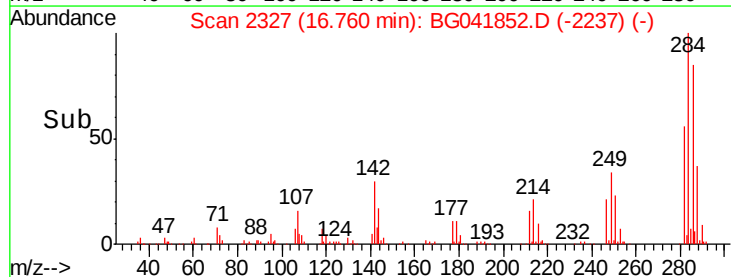
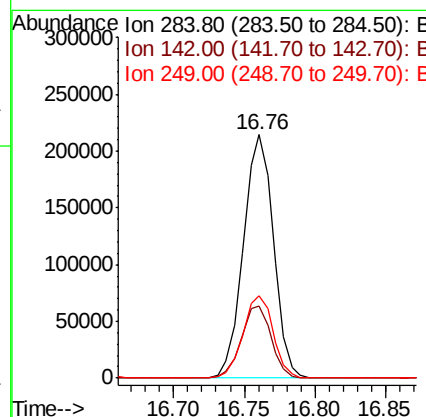
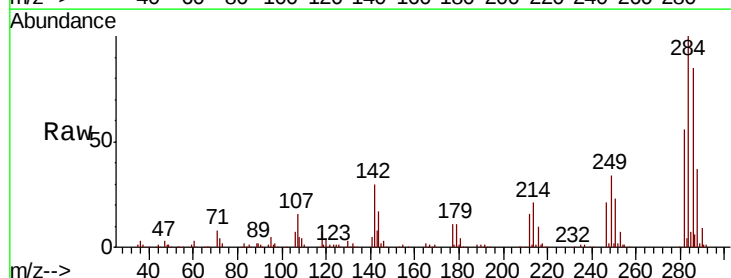
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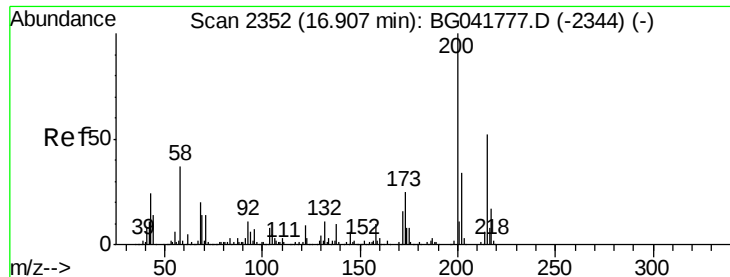
mohammad
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#68
 Hexachlorobenzene
 Concen: 33.875 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	27.0	40.6
249	33.7	28.4	42.6





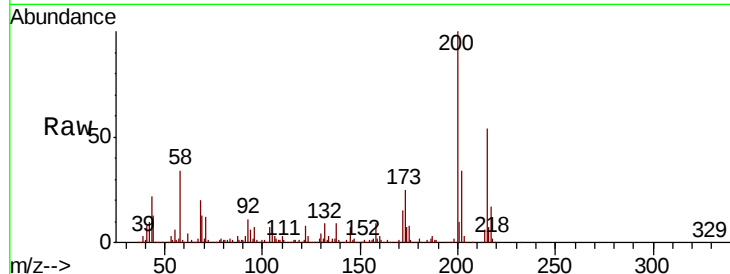
#69
Atrazine
Concen: 47.454 ng
RT: 16.91 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.3	45.3
215	53.6	31.8	71.8

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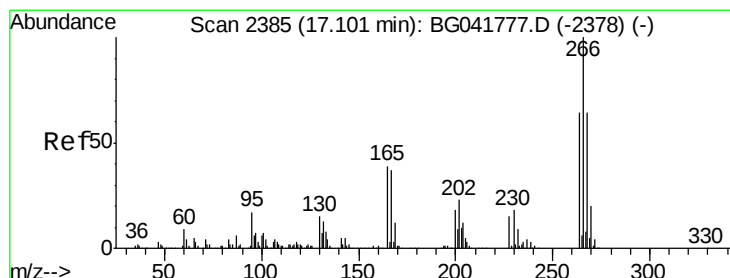
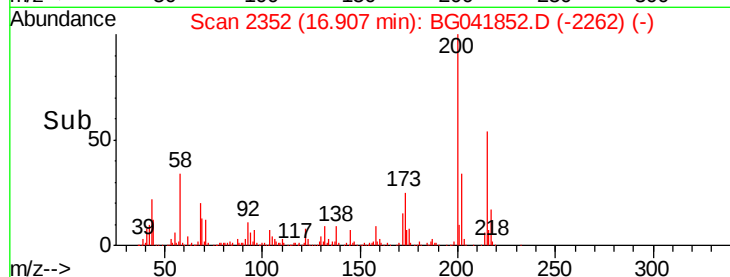
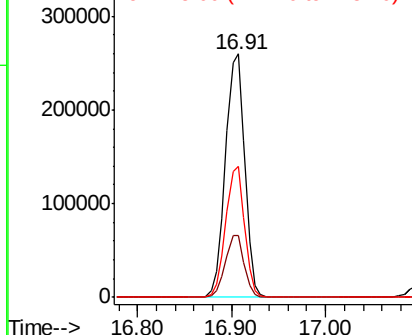


Abundance

Ion 200.00 (199.70 to 200.70): E

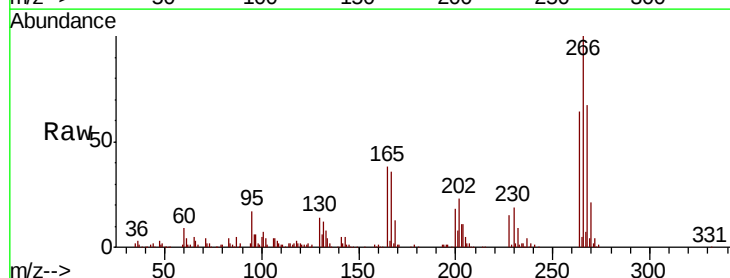
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 26.040 ng
RT: 17.10 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	52.9	79.3
264	64.2	51.4	77.2

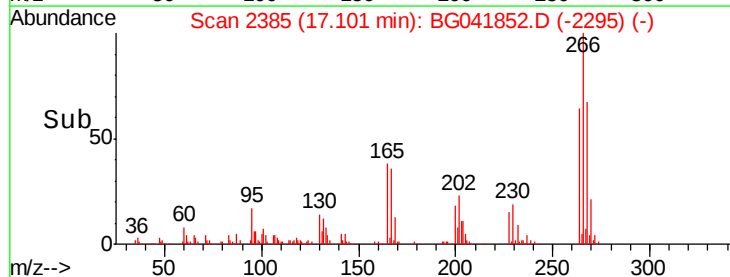
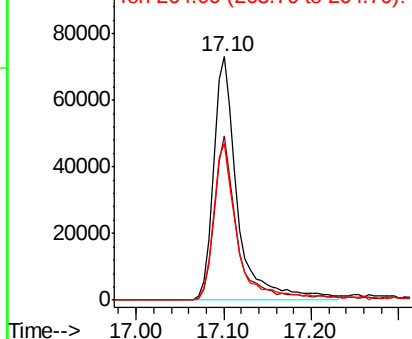


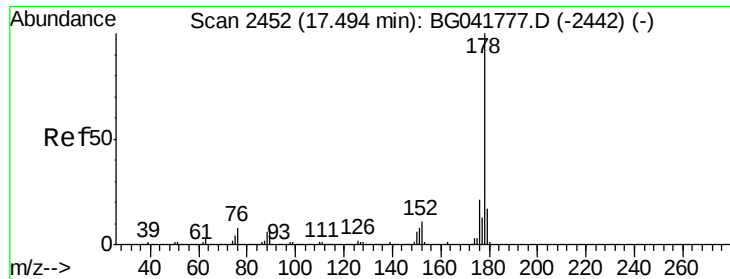
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





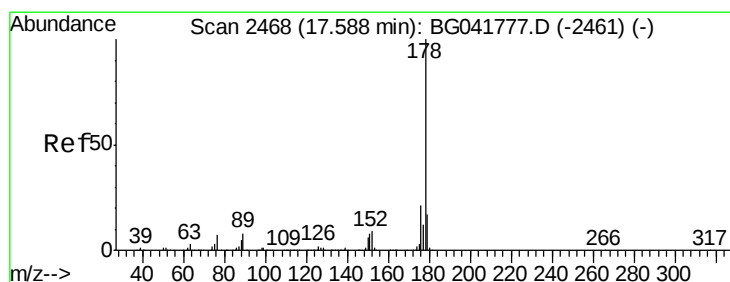
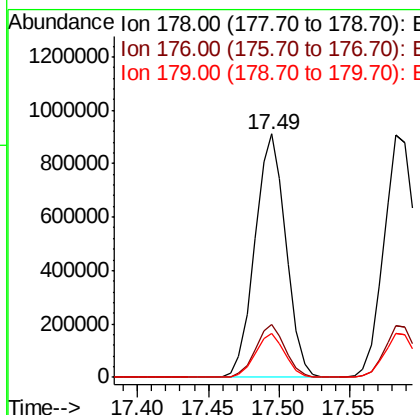
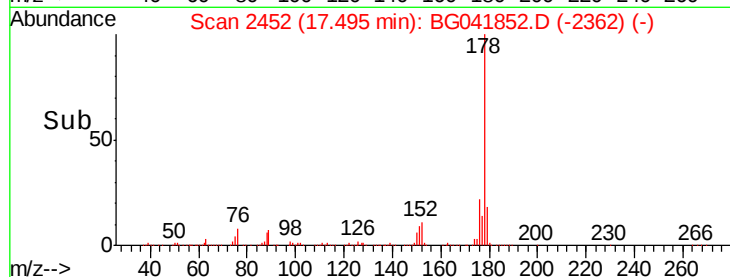
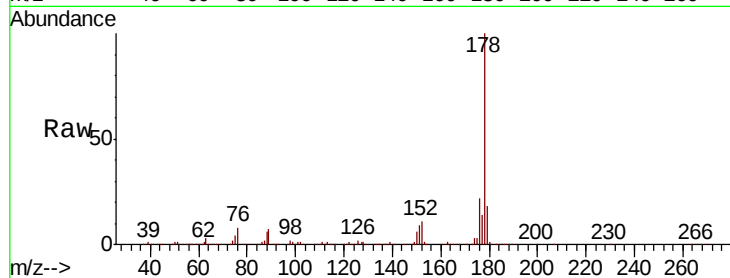
#71
Phenanthrene
Concen: 40.023 ng
RT: 17.49 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	18.6	28.0
179	18.1	15.4	23.0

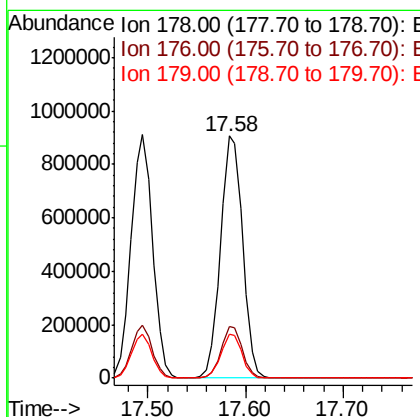
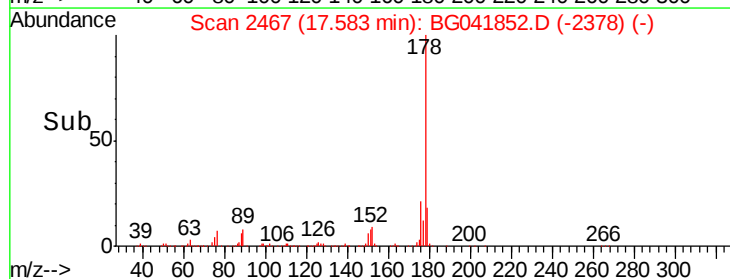
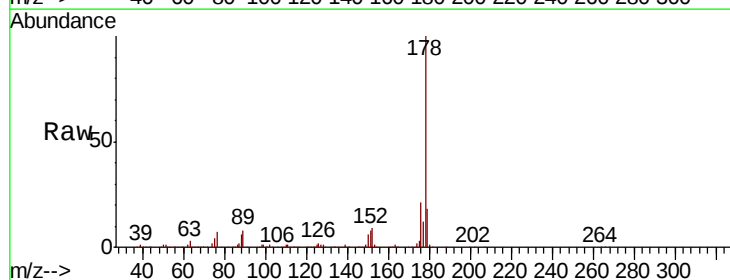
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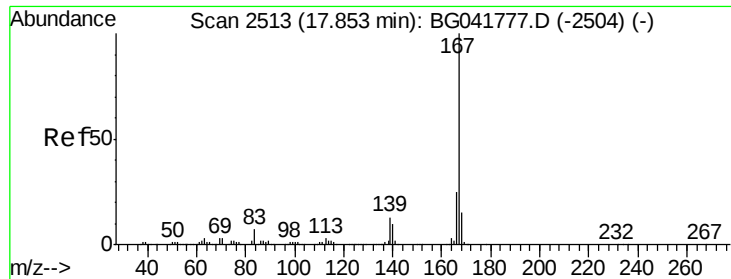
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#72
Anthracene
Concen: 40.710 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.3	18.6	28.0
179	18.2	15.1	22.7





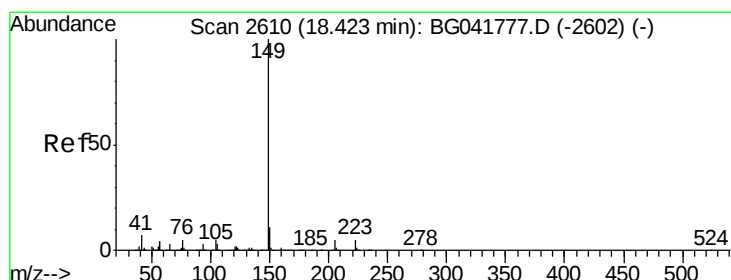
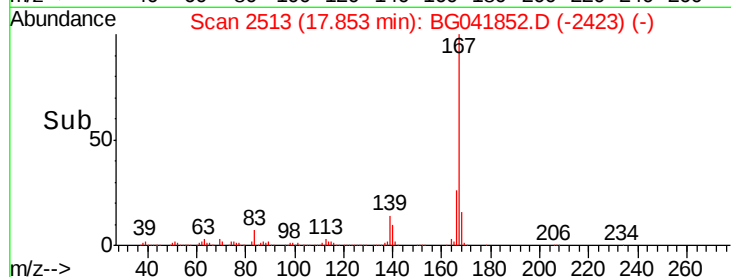
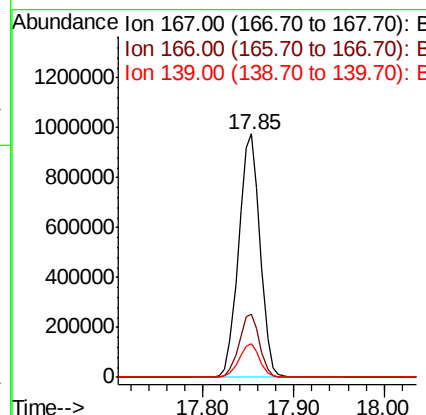
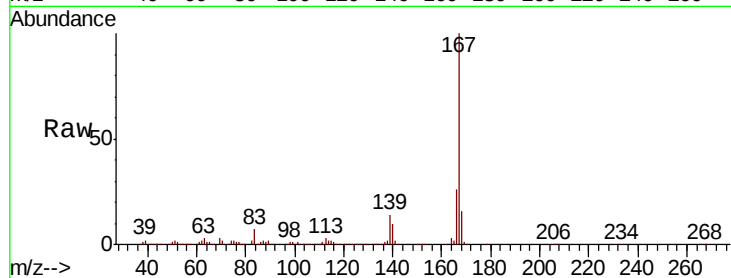
#73
 Carbazole
 Concen: 51.074 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	26.1	21.4	32.2
139	14.0	12.1	18.1

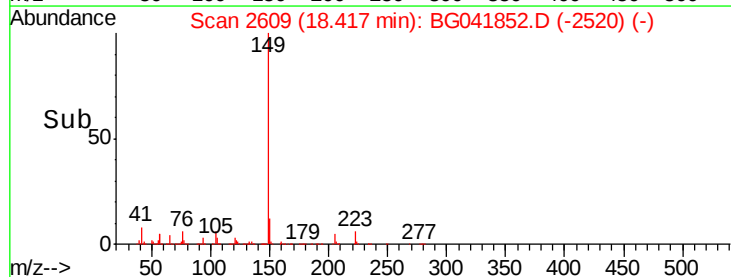
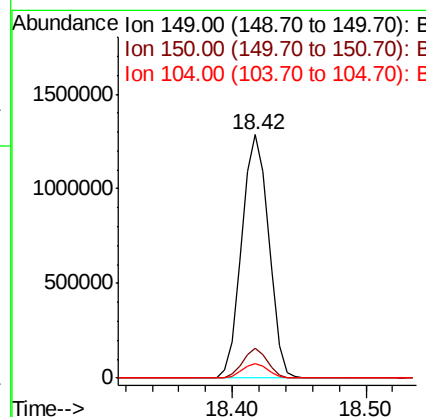
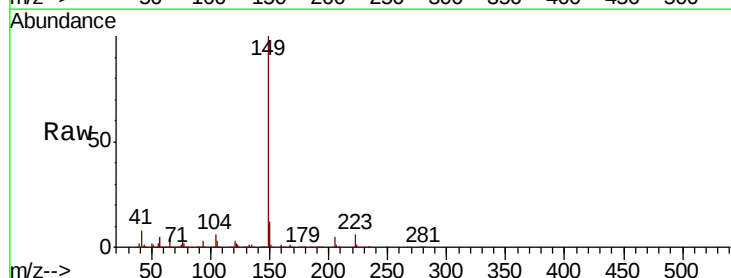
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 50.655 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	12.3	10.2	15.2
104	6.1	5.3	7.9





#75

Fluoranthene

Concen: 54.176 ng

RT: 19.50 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

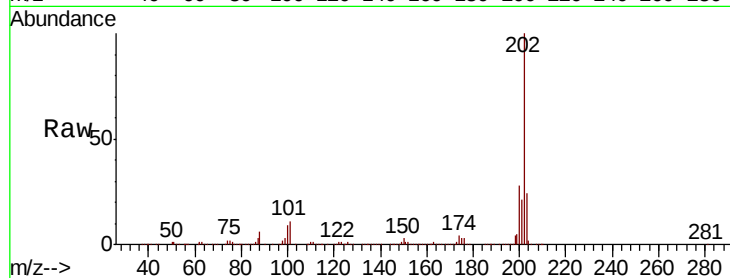
ClientSampleId :

SSTDCCC040EC

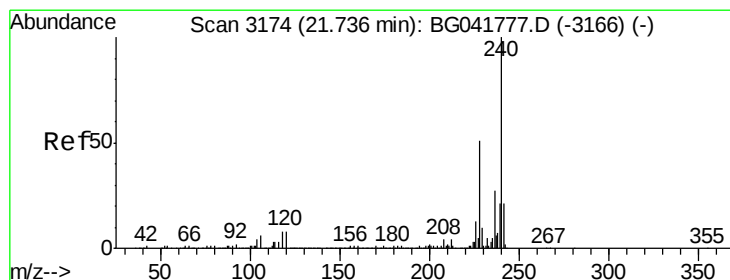
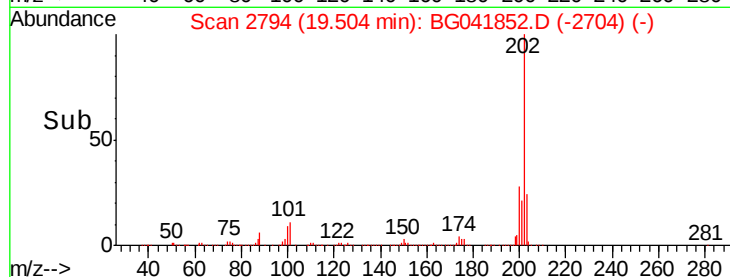
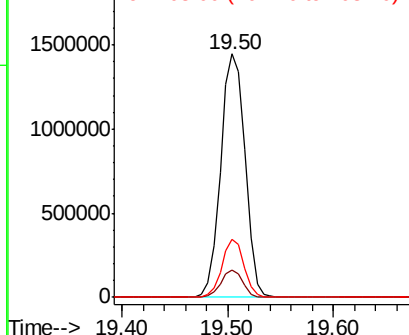
Tot Ion:	202	Resp:	2309017
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	32.8
203	24.0	3.7	43.7

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

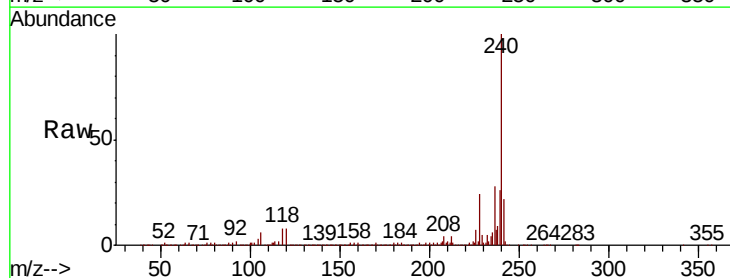
RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

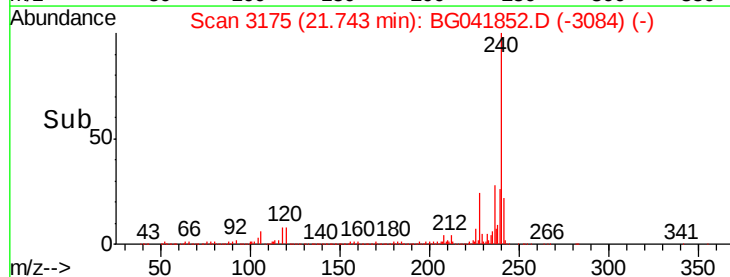
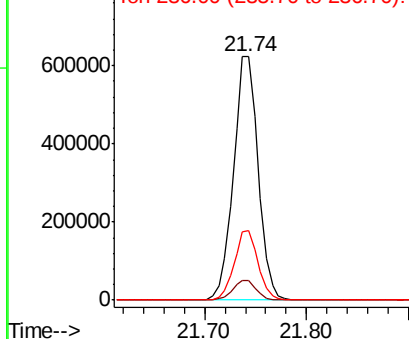
Lab File: BG041852.D

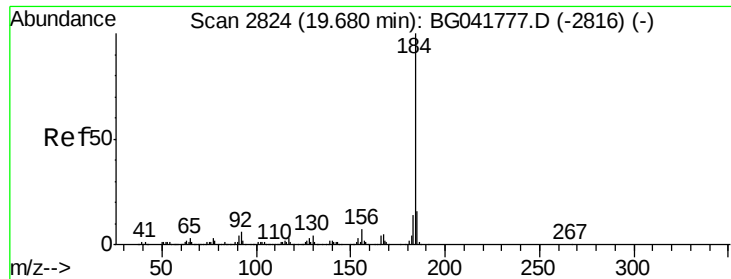
Acq: 1 Aug 2019 3:09

Tgt Ion:	240	Resp:	1049703
Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.0	12.0#
236	28.3	22.6	33.8



Abundance Ion 240.00 (239.70 to 240.70): E
800000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.208 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:184 Resp: 1274825

Ion Ratio Lower Upper

184 100

185 16.7 13.0 19.4

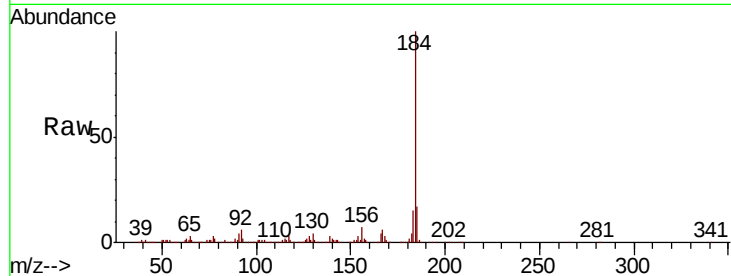
183 14.7 11.8 17.6

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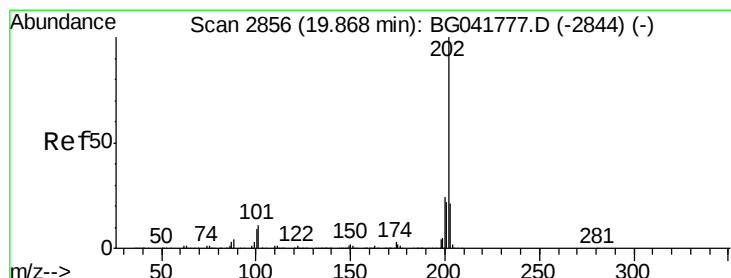
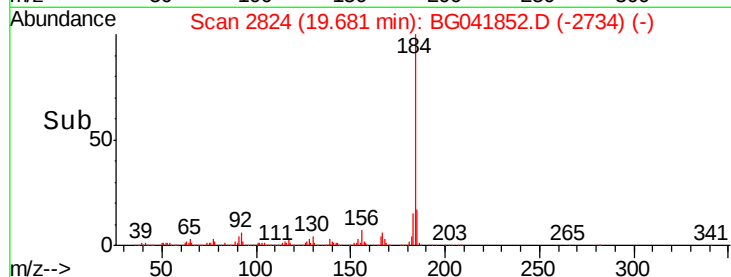
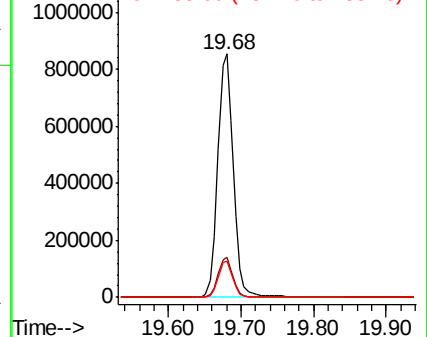
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.431 ng

RT: 19.87 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

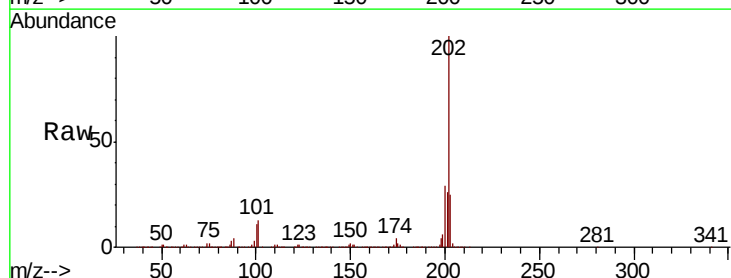
Tgt Ion:202 Resp: 2390159

Ion Ratio Lower Upper

202 100

200 28.6 22.2 33.2

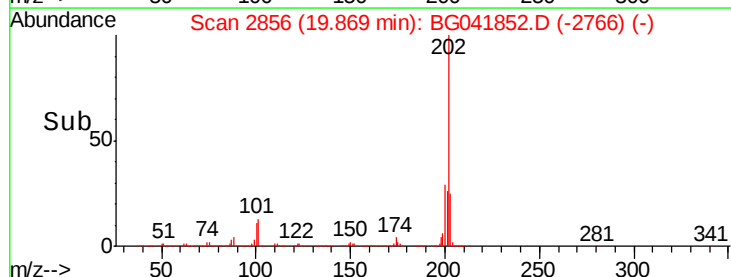
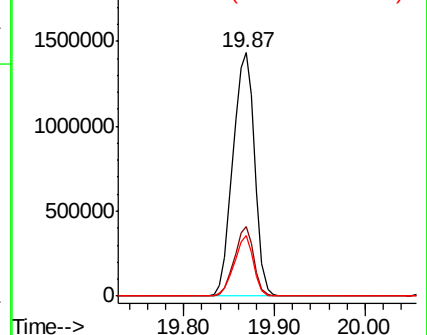
203 25.0 18.9 28.3

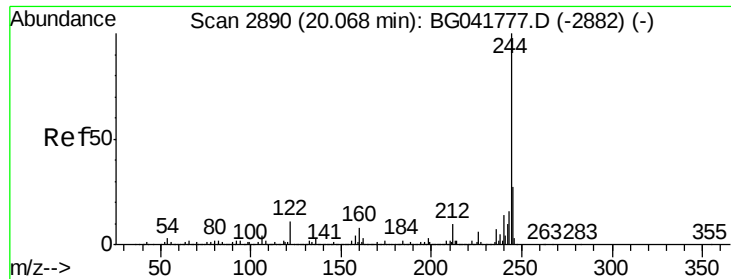


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.362 ng

RT: 20.07 min Scan# 2890

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:244 Resp: 2998368

Ion Ratio Lower Upper

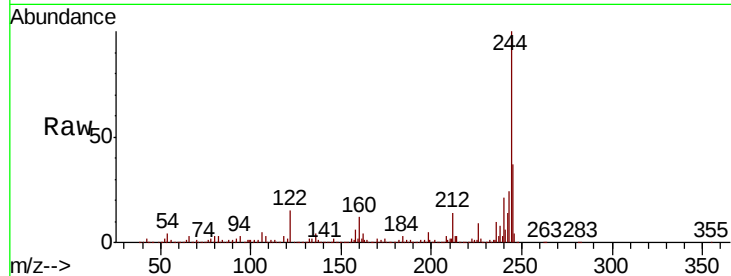
244 100

212 14.0 9.7 14.5

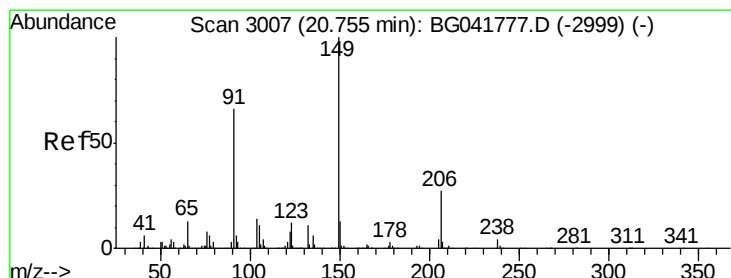
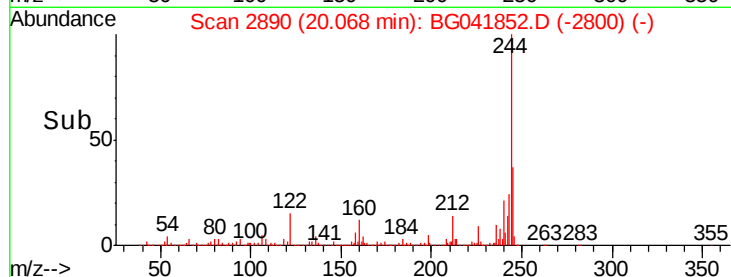
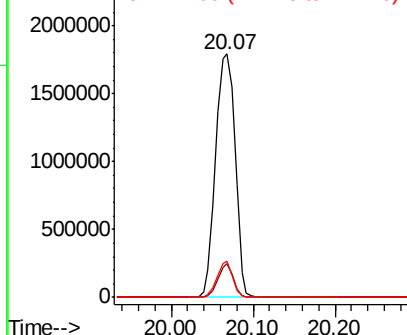
122 14.7 12.5 18.7

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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: 45.337 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

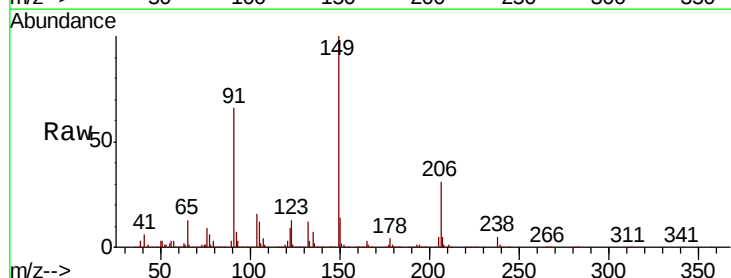
Tgt Ion:149 Resp: 1081056

Ion Ratio Lower Upper

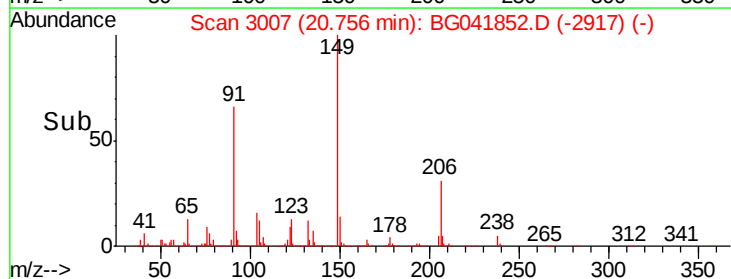
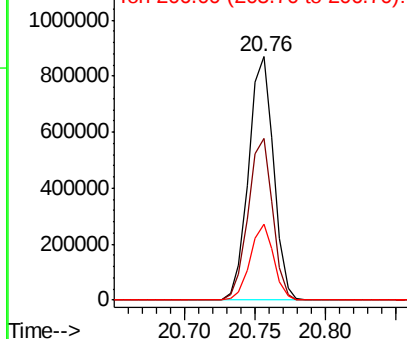
149 100

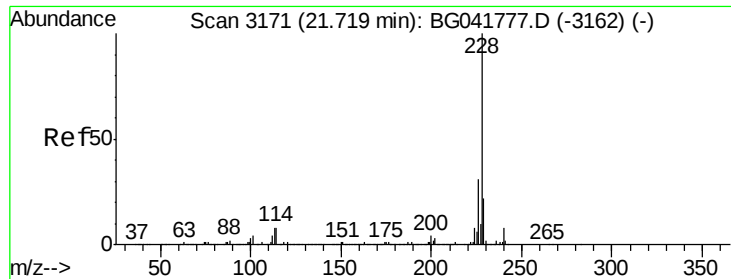
91 66.3 58.9 88.3

206 31.4 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: 38.721 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:228 Resp: 2404753

Ion Ratio Lower Upper

228 100

226 34.5 27.3 40.9

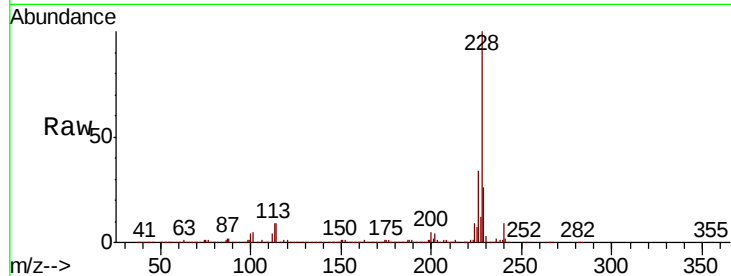
229 25.8 19.7 29.5

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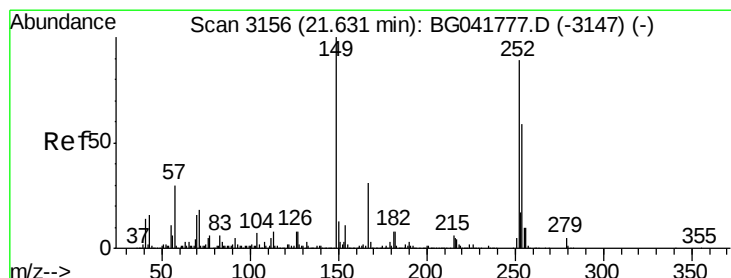
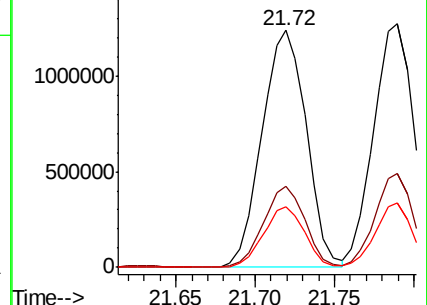
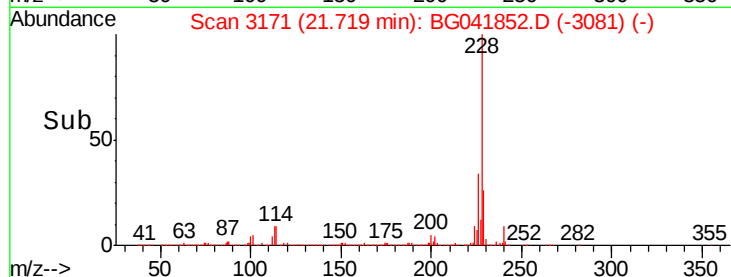
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.330 ng

RT: 21.63 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

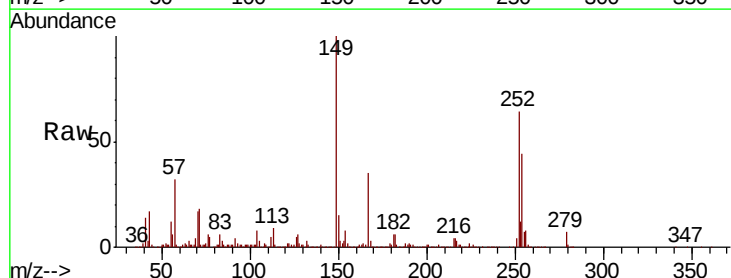
Tgt Ion:252 Resp: 980682

Ion Ratio Lower Upper

252 100

254 68.8 53.8 80.6

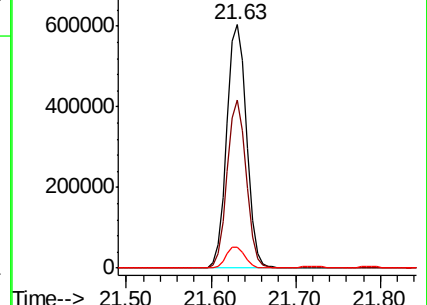
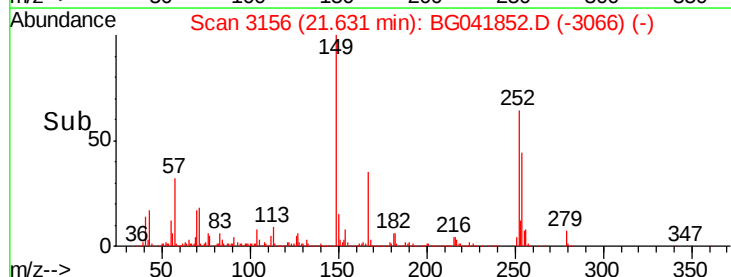
126 8.5 7.8 11.8

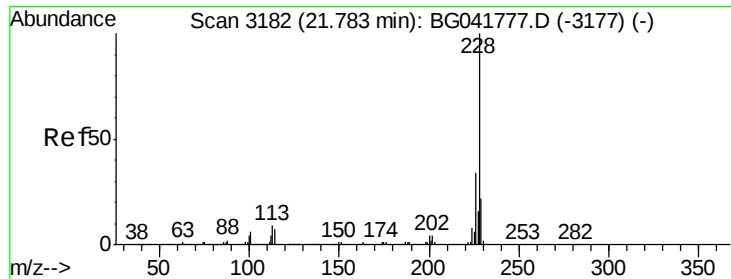


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





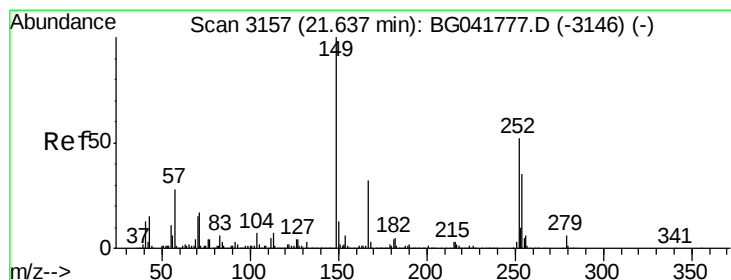
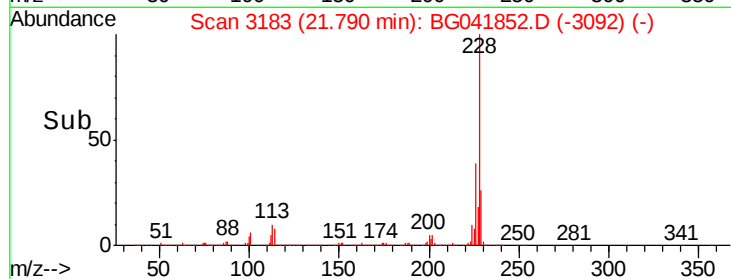
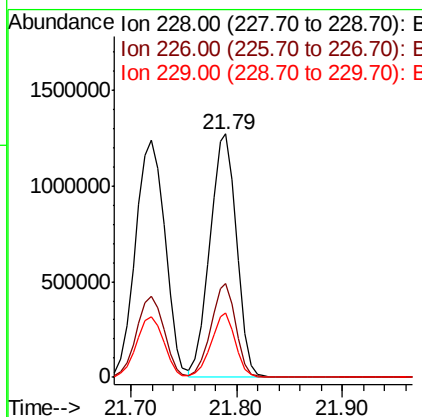
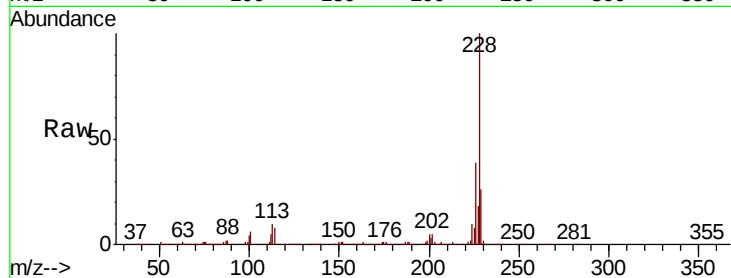
#83
Chrysene
Concen: 37.760 ng
RT: 21.79 min Scan# 3183
Delta R.T. 0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion:228 Resp: 2247928
Ion Ratio Lower Upper
228 100
226 38.8 30.1 45.1
229 26.5 19.8 29.6

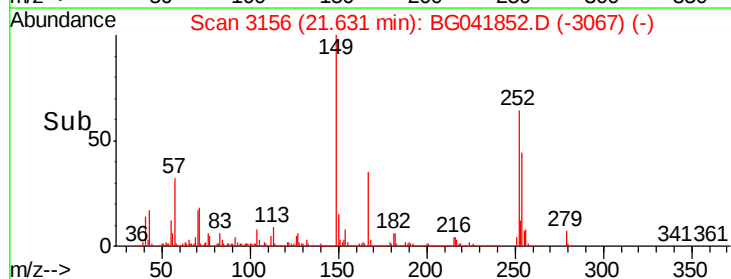
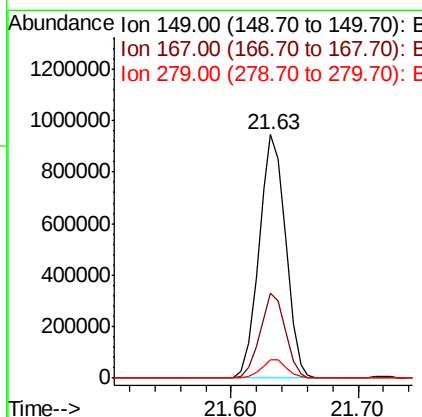
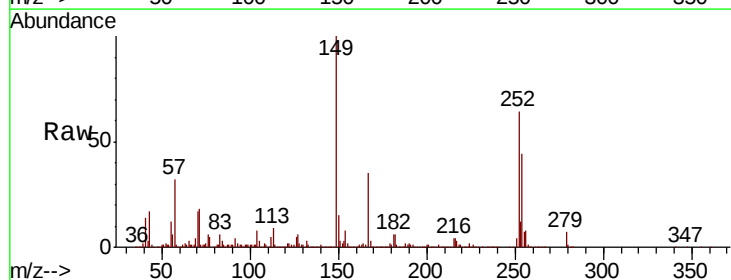
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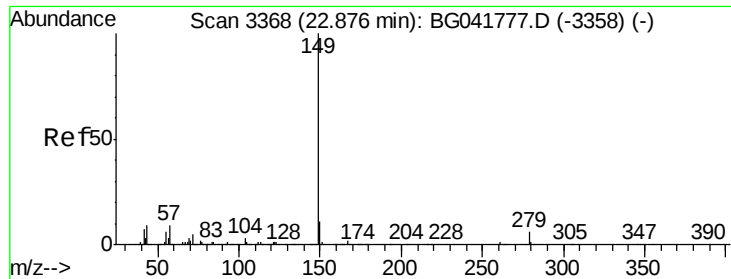
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.930 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion:149 Resp: 1379177
Ion Ratio Lower Upper
149 100
167 34.8 27.0 40.4
279 7.3 5.0 7.6





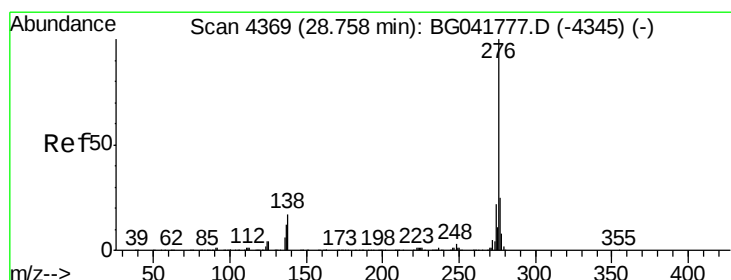
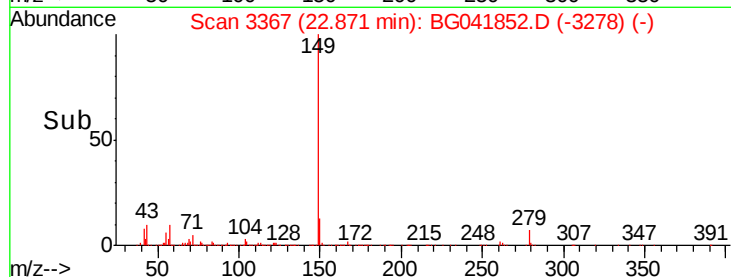
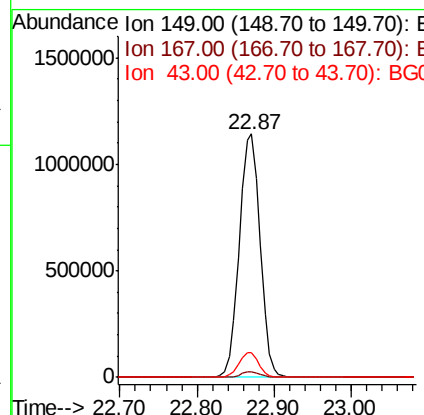
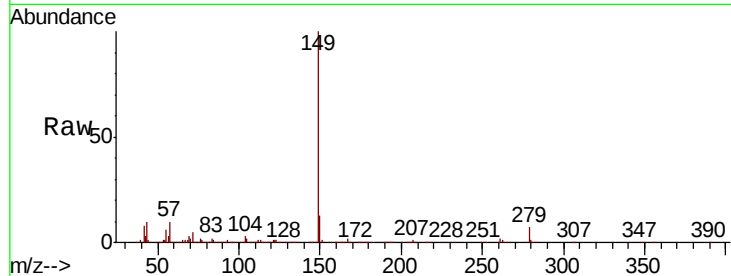
#85
Di-n-octyl phthalate
Concen: 39.106 ng
RT: 22.87 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.0	1.6	2.4
43	9.7	10.6	16.0

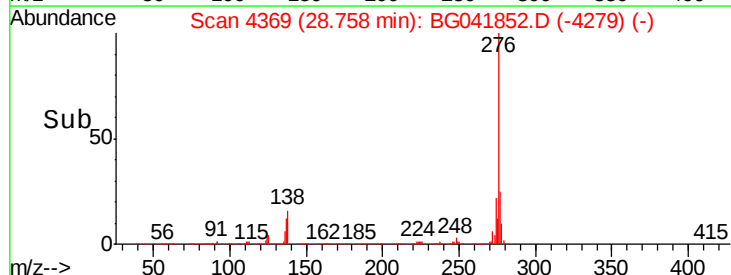
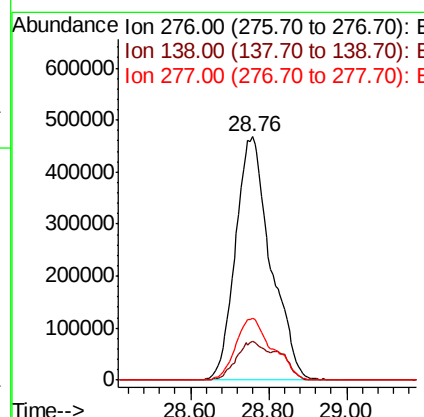
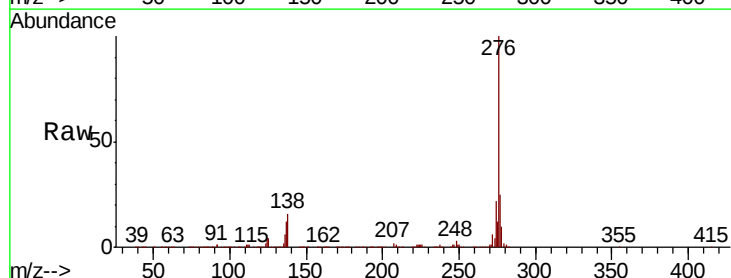
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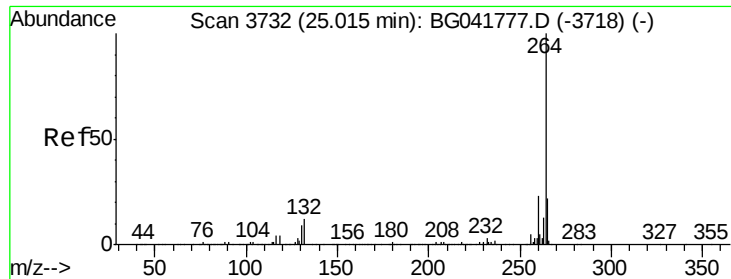
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.211 ng
RT: 28.76 min Scan# 4369
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	19.4	29.0
277	26.7	21.2	31.8





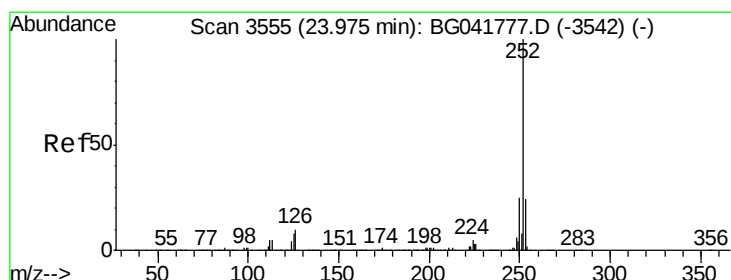
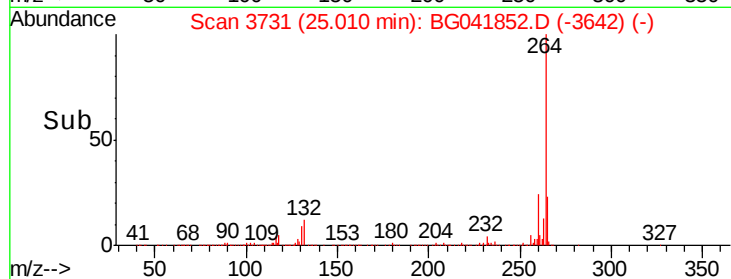
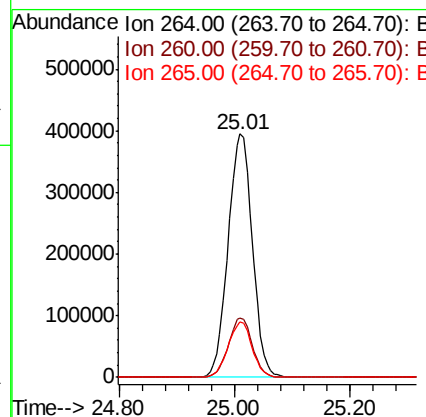
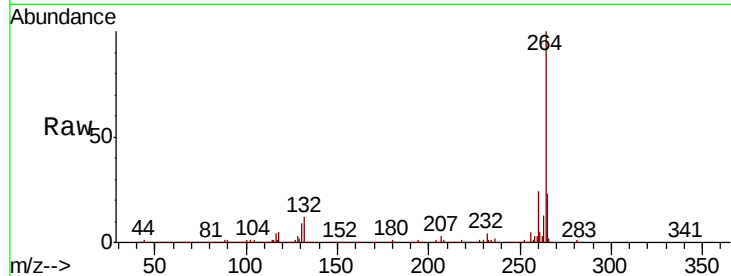
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.01 min Scan# 3731
 Delta R.T. -0.01 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	23.0	18.0	27.0

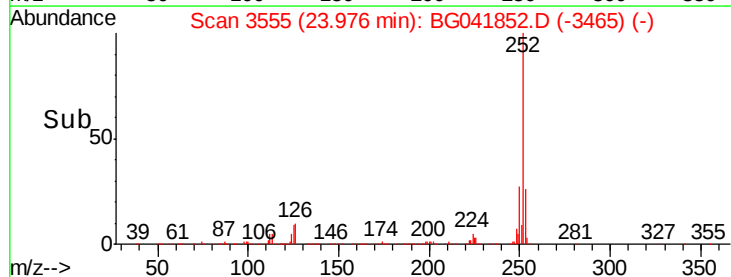
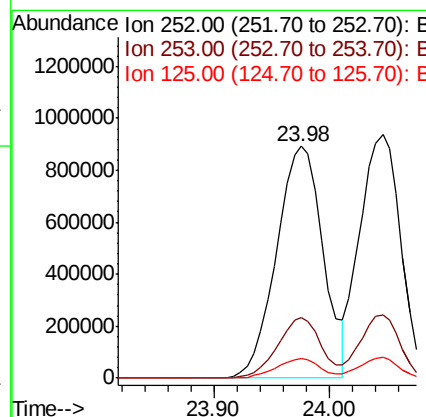
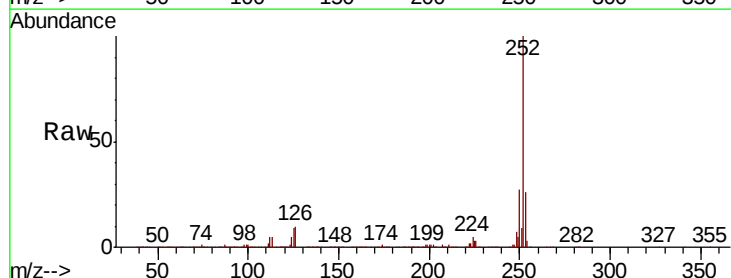
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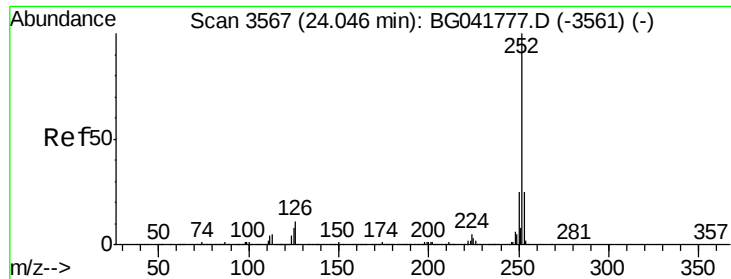
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 39.707 ng
 RT: 23.98 min Scan# 3555
 Delta R.T. 0.00 min
 Lab File: BG041852.D
 Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.6	30.8
125	8.6	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 37.800 ng

RT: 24.05 min Scan# 3567

Delta R.T. 0.00 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tot Ion:252 Resp: 2317725

Ion Ratio Lower Upper

252 100

253 26.1 20.5 30.7

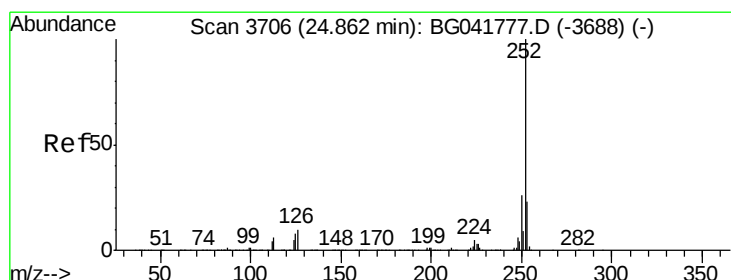
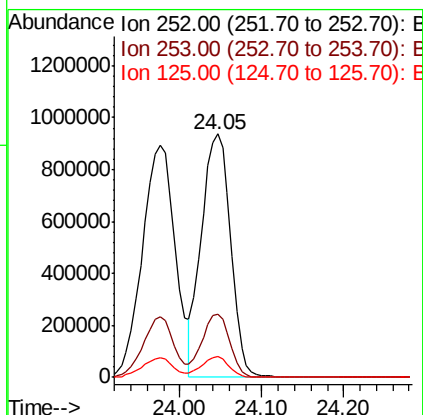
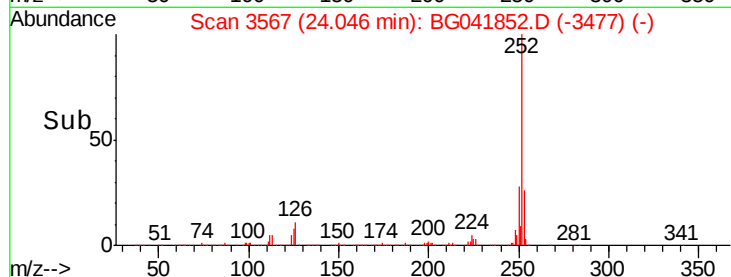
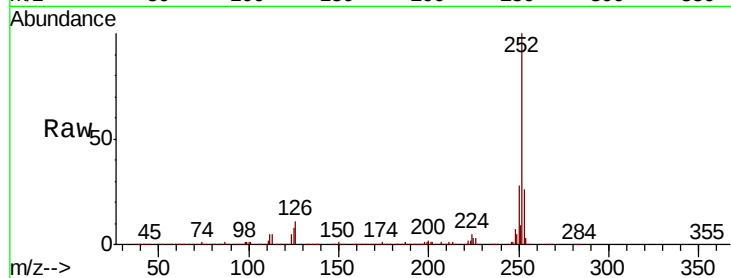
125 8.4 8.4 12.6

Manual Integrations

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#90

Benzo(a)pyrene

Concen: 39.194 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG041852.D

Acq: 1 Aug 2019 3:09

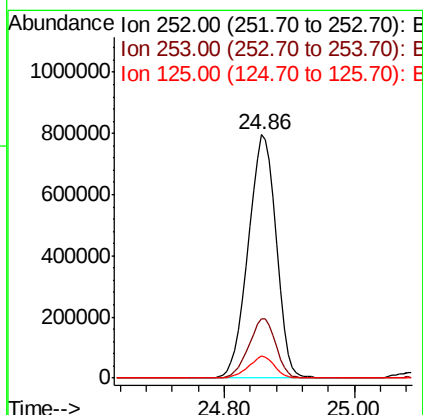
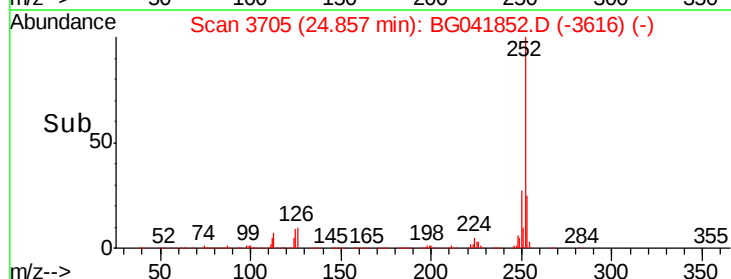
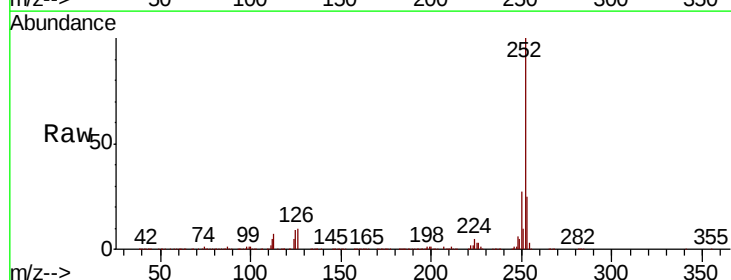
Tgt Ion:252 Resp: 2366113

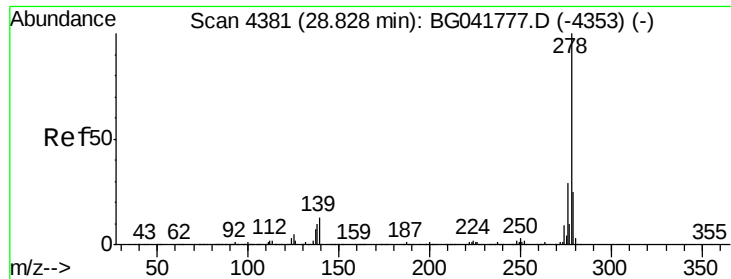
Ion Ratio Lower Upper

252 100

253 24.6 19.8 29.8

125 8.9 8.8 13.2





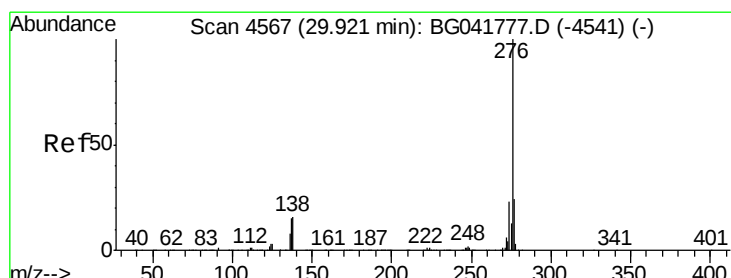
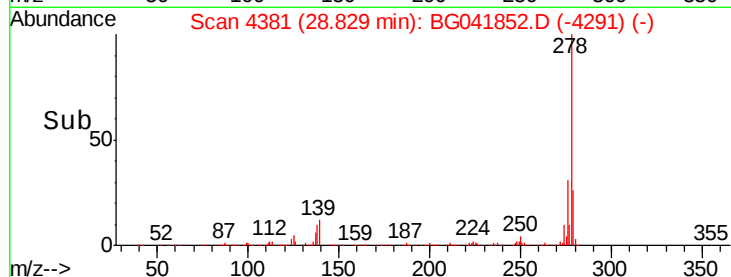
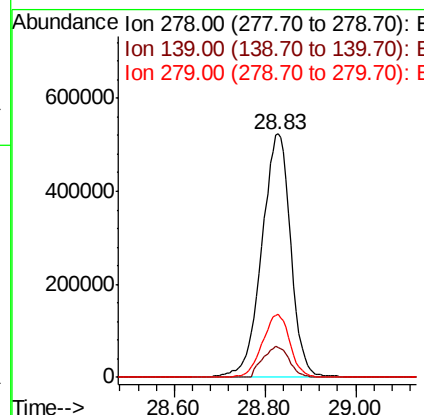
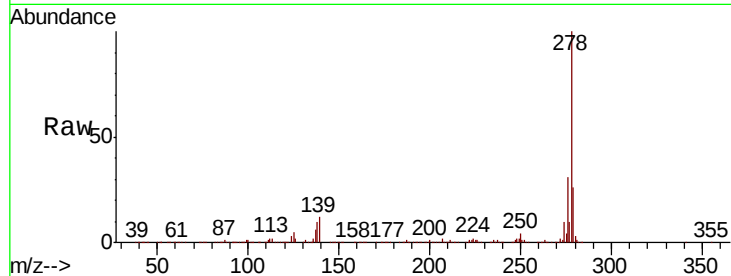
#91
Dibenzo(a,h)anthracene
Concen: 39.243 ng
RT: 28.83 min Scan# 4381
Delta R.T. 0.00 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.3	12.6	19.0#
279	26.1	20.5	30.7

Manual Integrations
APPROVED

mohammad
8/1/2019 5:10:21 PM



#92
Benzo(g,h,i)perylene
Concen: 39.956 ng
RT: 29.93 min Scan# 4569
Delta R.T. 0.01 min
Lab File: BG041852.D
Acq: 1 Aug 2019 3:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	19.8	29.8
138	16.1	16.6	25.0#

