

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040720\
 Data File : BG044969.D
 Acq On : 8 Apr 2020 00:20
 Operator : CG/JU
 Sample : L2123-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:14:12 AM

Quant Time: Apr 08 07:28:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 23 07:18:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	81596	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	312846	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	226565	20.00	ng	-0.01
64) Phenanthrene-d10	17.42	188	551009	20.00	ng	0.00
76) Chrysene-d12	21.69	240	530085	20.00	ng	-0.01
87) Perylene-d12	24.90	264	571220	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	755575	144.15	ng	0.00
7) Phenol-d6	7.20	99	981612	128.89	ng	0.00
23) Nitrobenzene-d5	9.20	82	724838	101.67	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	552542	186.26	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1610102	101.77	ng	0.00
79) Terphenyl-d14	20.03	244	2690095	94.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	100223	39.706	ng	# 47
3) Pyridine	3.92	79	272719	36.497	ng	# 76
4) n-Nitrosodimethylamine	3.82	42	111349	39.274	ng	# 63
6) Aniline	7.37	93	201346	21.247	ng	# 92
8) 2-Chlorophenol	7.61	128	323935	61.908	ng	92
9) Benzaldehyde	7.17	77	83439	14.350	ng	97
10) Phenol	7.23	94	374516	49.672	ng	96
11) bis(2-Chloroethyl)ether	7.46	93	308530	51.273	ng	92
12) 1,3-Dichlorobenzene	7.94	146	338997	52.593	ng	97
13) 1,4-Dichlorobenzene	8.08	146	335285	52.615	ng	96
14) 1,2-Dichlorobenzene	8.40	146	318872	52.762	ng	99
15) Benzyl Alcohol	8.28	79	324056	53.033	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.57	45	291286	27.431	ng	82
17) 2-Methylphenol	8.48	107	279901	54.804	ng	99
18) Hexachloroethane	9.13	117	124512	49.630	ng	91
19) n-Nitroso-di-n-propylamine	8.85	70	263533	49.006	ng	# 86
20) 3+4-Methylphenols	8.81	107	385792	54.797	ng	99
22) Acetophenone	8.86	105	487694	55.026	ng	# 93
24) Nitrobenzene	9.24	77	397063	53.675	ng	96
25) Isophorone	9.77	82	738344	53.063	ng	98
26) 2-Nitrophenol	9.96	139	173531	65.321	ng	89
27) 2,4-Dimethylphenol	10.02	122	295008	65.105	ng	98
28) bis(2-Chloroethoxy)methane	10.25	93	426329	51.341	ng	98
29) 2,4-Dichlorophenol	10.50	162	334958	63.288	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	357024	56.416	ng	94
31) Naphthalene	10.90	128	983669	56.760	ng	100
32) Benzoic acid	10.17	122	192217	53.153	ng	97
33) 4-Chloroaniline	11.00	127	26411	3.383	ng	# 88
34) Hexachlorobutadiene	11.20	225	237398	57.044	ng	94
35) Caprolactam	11.77	113	95140m	47.478	ng	
36) 4-Chloro-3-methylphenol	12.13	107	381549	60.446	ng	98
37) 2-Methylnaphthalene	12.51	142	740914	57.153	ng	98
38) 1-Methylnaphthalene	12.72	142	706684	57.984	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	399343	53.521	ng	99

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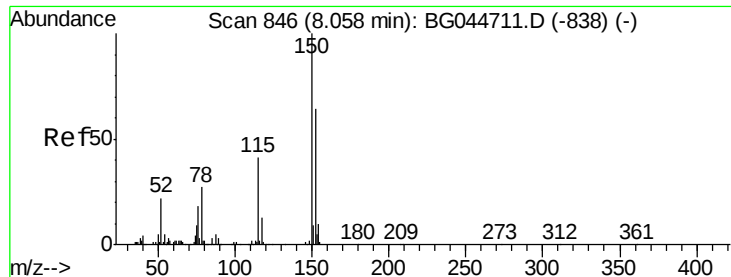
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	530471	130.090	nq	99
43) 2,4,6-Trichlorophenol	13.11	196	297593	60.098	nq	95
44) 2,4,5-Trichlorophenol	13.18	196	319045	62.127	nq	96
46) 1,1'-Biphenyl	13.51	154	927006	51.201	nq	99
47) 2-Chloronaphthalene	13.55	162	731363	52.879	nq	96
48) 2-Nitroaniline	13.75	65	232145	47.943	nq	85
49) Acenaphthylene	14.40	152	1212716	55.968	nq	98
50) Dimethylphthalate	14.13	163	1057120	58.583	nq	99
51) 2,6-Dinitrotoluene	14.24	165	231119	63.542	nq	94
52) Acenaphthene	14.74	154	897070m	63.215	nq	
53) 3-Nitroaniline	14.57	138	86785	20.753	nq	97
54) 2,4-Dinitrophenol	14.78	184	267876	134.598	nq	96
55) Dibenzofuran	15.07	168	1170055	56.858	nq	98
56) 4-Nitrophenol	14.89	139	379594	118.940	nq	90
57) 2,4-Dinitrotoluene	15.03	165	334558	67.066	nq	95
58) Fluorene	15.73	166	986518	58.278	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	312167	66.026	nq	97
60) Diethylphthalate	15.50	149	1050920	55.839	nq	100
61) 4-Chlorophenyl-phenylether	15.71	204	537481	58.967	nq	98
62) 4-Nitroaniline	15.74	138	221772	49.735	nq	95
63) Azobenzene	16.01	77	1013647	51.864	nq	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	200863	72.721	nq	89
66) n-Nitrosodiphenylamine	15.93	169	854896	51.533	nq	98
67) 4-Bromophenyl-phenylether	16.61	248	387650	56.276	nq	95
68) Hexachlorobenzene	16.74	284	412241	55.163	nq	98
69) Atrazine	16.88	200	246014	40.477	nq	99
70) Pentachlorophenol	17.08	266	548437	133.380	nq	99
71) Phenanthrene	17.47	178	1623825	55.148	nq	97
72) Anthracene	17.55	178	1659021	57.140	nq	98
73) Carbazole	17.82	167	1510569	54.162	nq	98
74) Di-n-butylphthalate	18.39	149	1827856	53.914	nq	98
75) Fluoranthene	19.47	202	2022617	57.691	nq	98
77) Benzidine	19.64	184	273255	15.879	nq	97
78) Pyrene	19.83	202	2007196	51.611	nq	96
80) Butylbenzylphthalate	20.72	149	861070	49.768	nq	99
81) Benzo(a)anthracene	21.67	228	1957067	51.272	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	260023	17.609	nq	97
83) Chrysene	21.74	228	1864521	51.137	nq	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	1202444	50.357	nq	97
85) Di-n-octyl phthalate	22.81	149	2028851	50.775	nq	# 93
86) Indeno(1,2,3-cd)pyrene	28.54	276	2580812	53.991	nq	# 98
88) Benzo(b)fluoranthene	23.89	252	2176961	57.728	nq	97
89) Benzo(k)fluoranthene	23.96	252	2013494	56.421	nq	97
90) Benzo(a)pyrene	24.75	252	1963017	55.631	nq	98
91) Dibenzo(a,h)anthracene	28.61	278	2058545	59.134	nq	98
92) Benzo(g,h,i)perylene	29.69	276	2101590	59.753	nq	99

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



#1

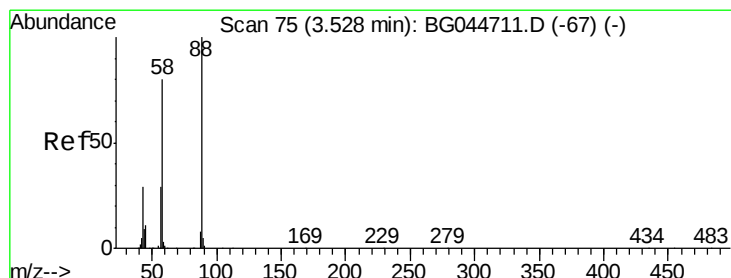
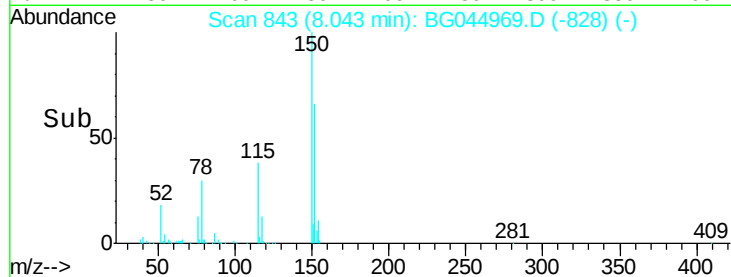
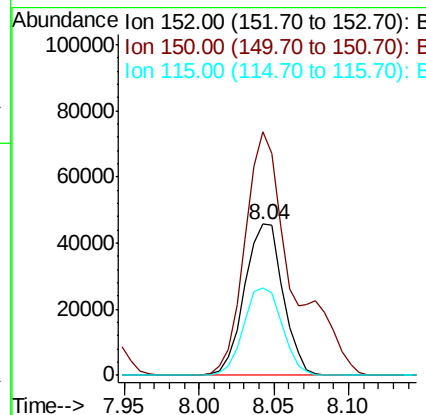
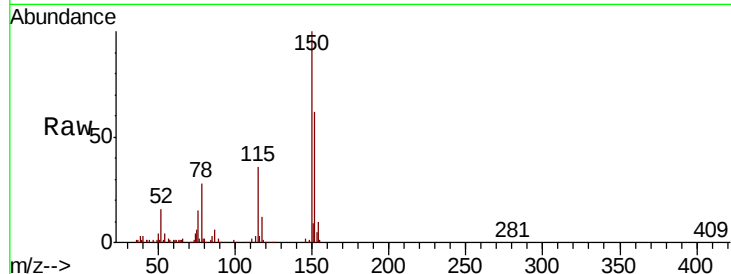
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	128.8	193.2
115	58.0	52.6	79.0

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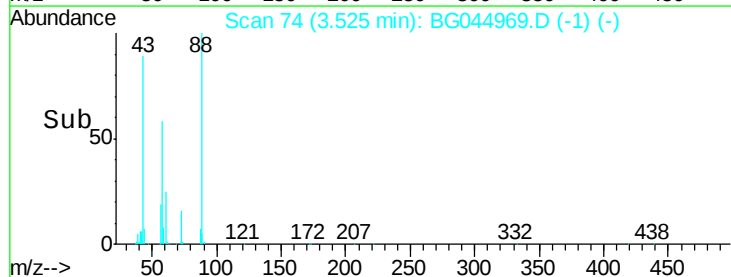
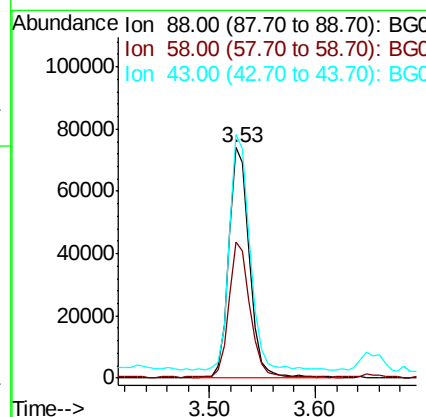
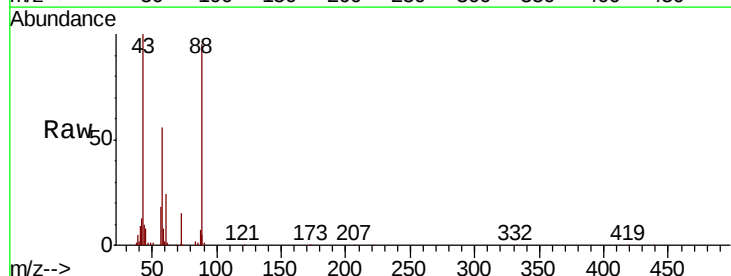
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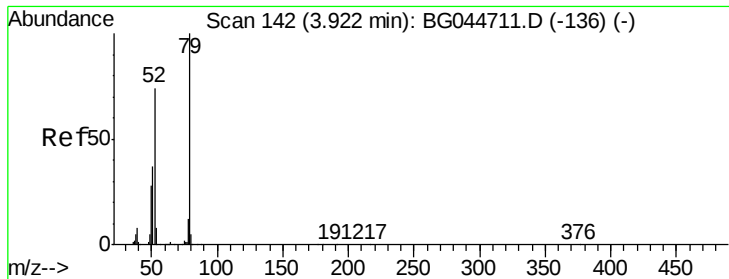


#2

1,4-Dioxane
Concen: 39.706 ng
RT: 3.53 min Scan# 74
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	63.0	94.4#
43	103.3	24.8	37.2#





#3

Pvridine

Concen: 36.497 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

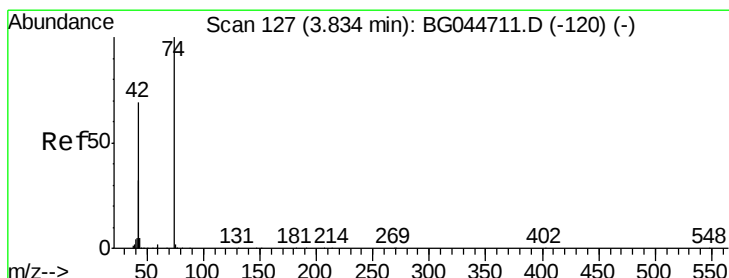
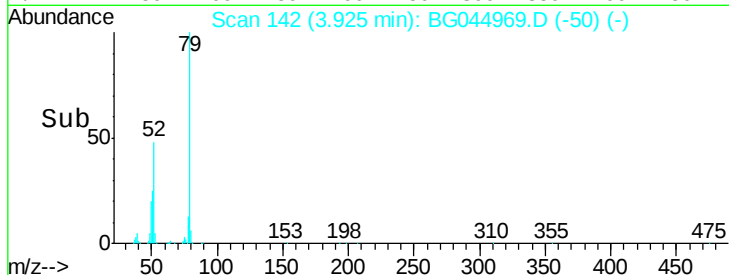
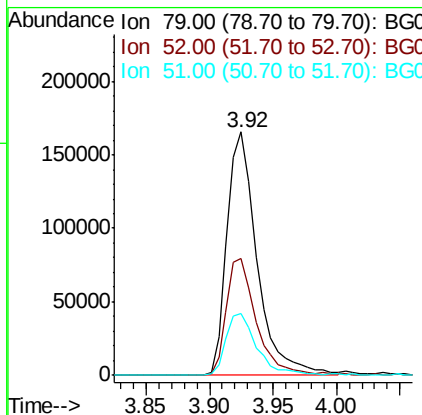
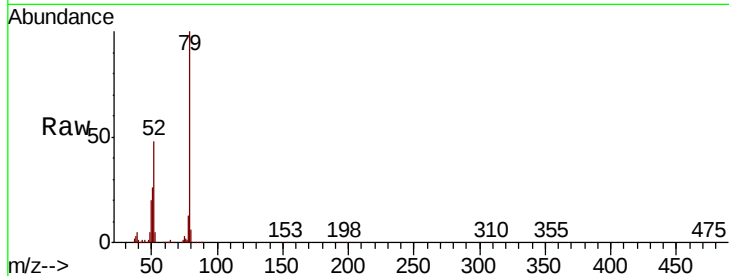
ClientSampleId :

TR-05-040320MSD

Tot Ion:	79	Resp:	272719
Ion	Ratio	Lower	Upper
79	100		
52	48.0	56.3	84.5#
51	25.6	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 39.274 ng

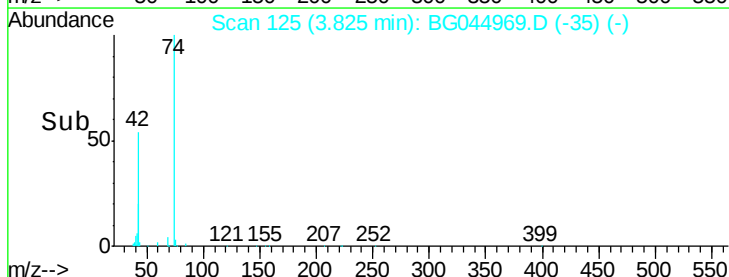
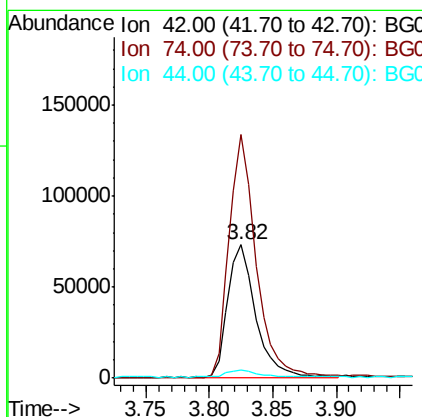
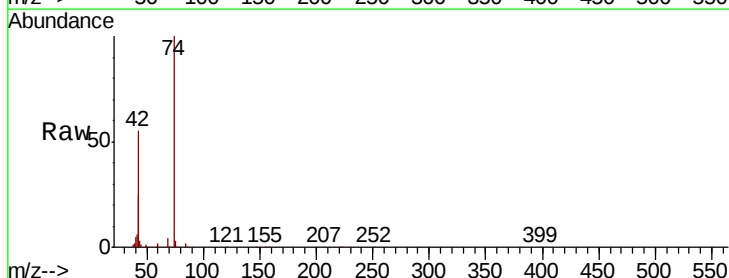
RT: 3.82 min Scan# 125

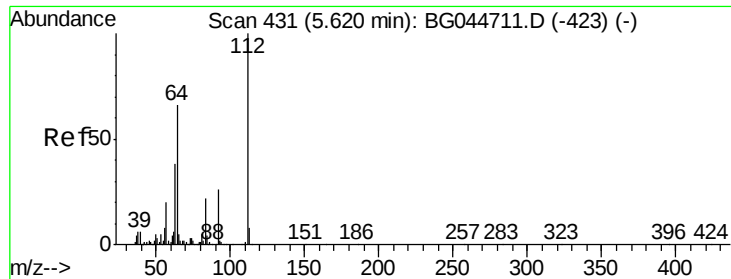
Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	42	Resp:	111349
Ion	Ratio	Lower	Upper
42	100		
74	183.0	109.1	163.7#
44	5.9	5.4	8.2





#5

2-Fluorophenol

Concen: 144.149 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

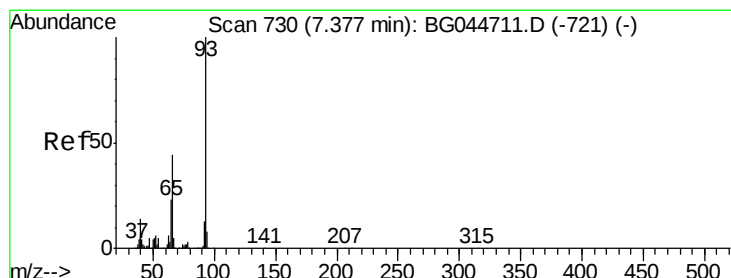
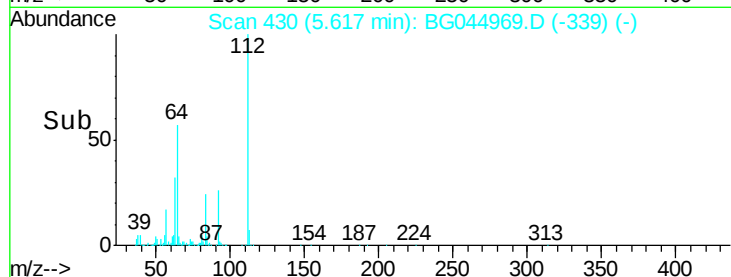
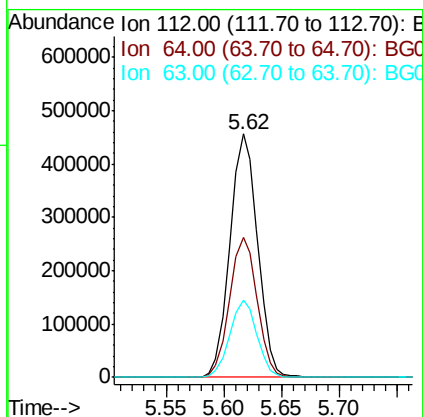
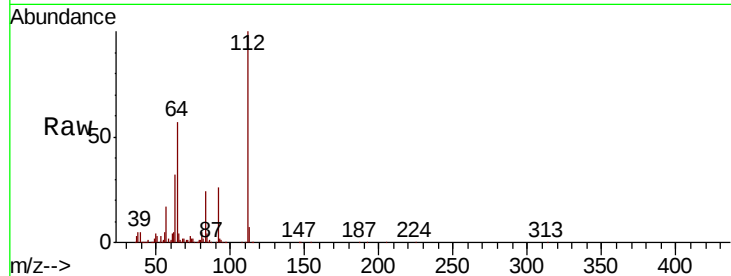
ClientSampleId :

TR-05-040320MSD

Tot Ion:	112	Resp:	755575
Ion Ratio	Lower	Upper	
112	100		
64	57.3	53.4	80.2
63	31.8	29.4	44.2

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#6

Aniline

Concen: 21.247 ng

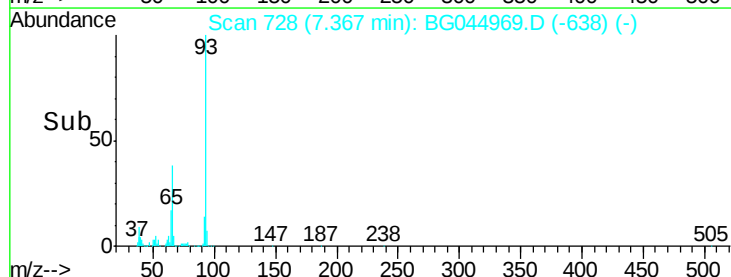
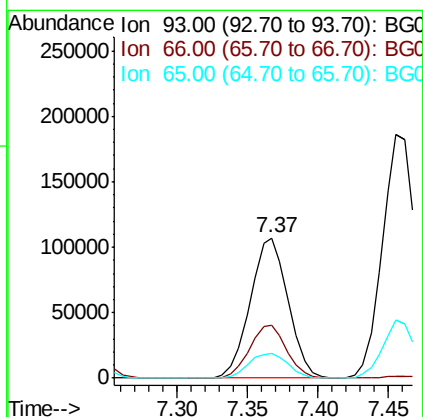
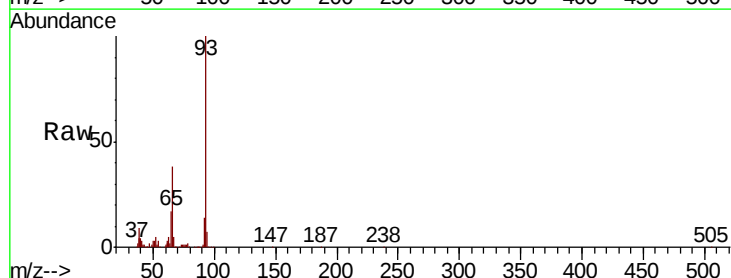
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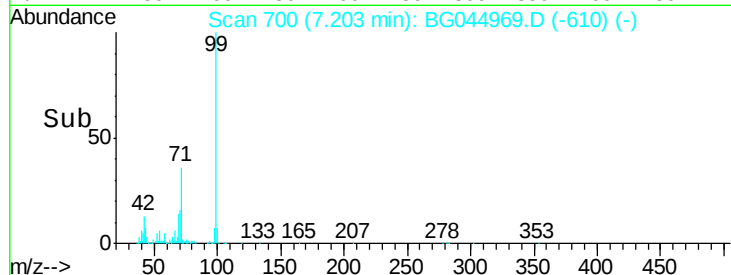
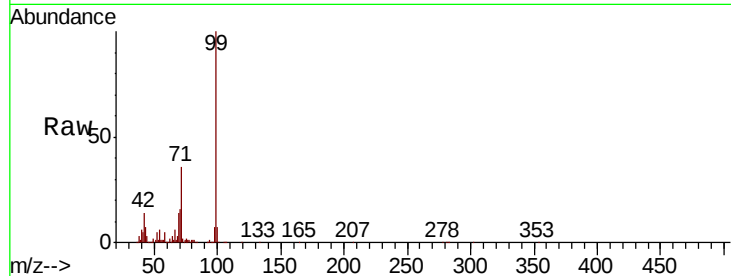
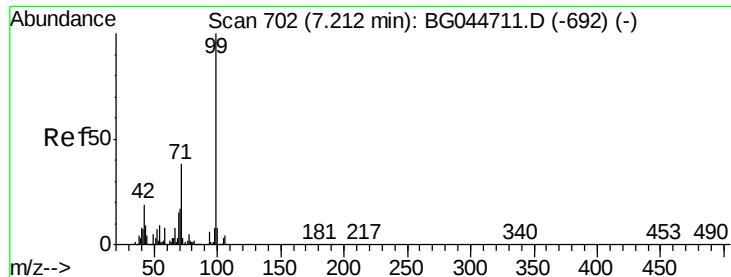
Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	93	Resp:	201346
Ion Ratio	Lower	Upper	
93	100		
66	37.5	33.7	50.5
65	17.3	17.7	26.5#





#7

Phenol-d6

Concen: 128.893 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tot Ion:	99	Resp:	981612
Ion	Ratio	Lower	Upper
99	100		
42	13.5	12.6	19.0
71	35.9	29.0	43.4

Instrument :

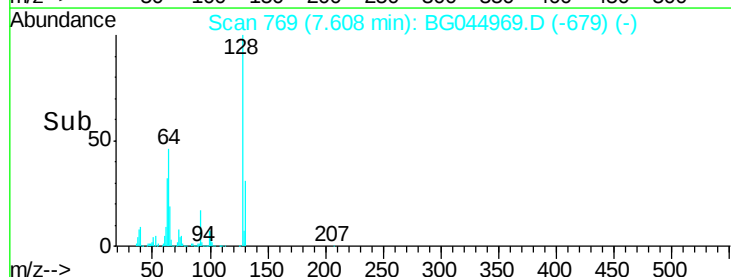
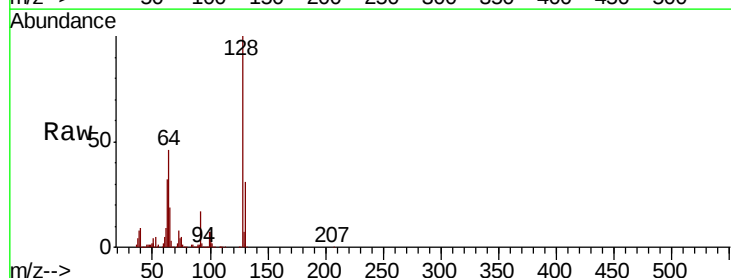
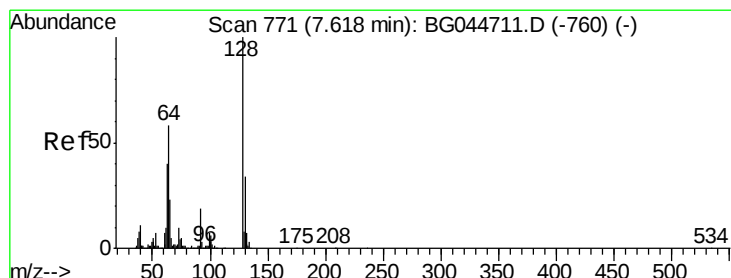
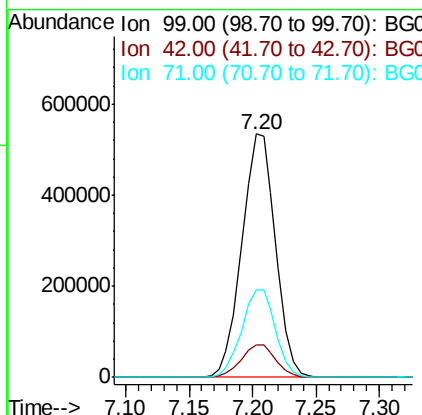
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#8

2-Chlorophenol

Concen: 61.908 ng

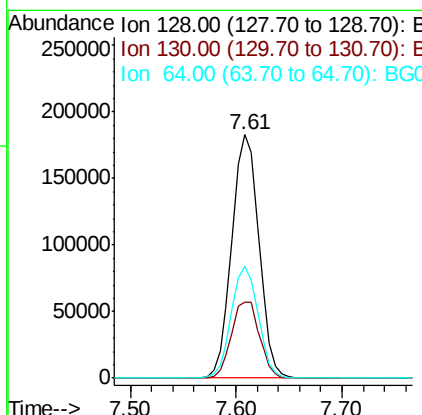
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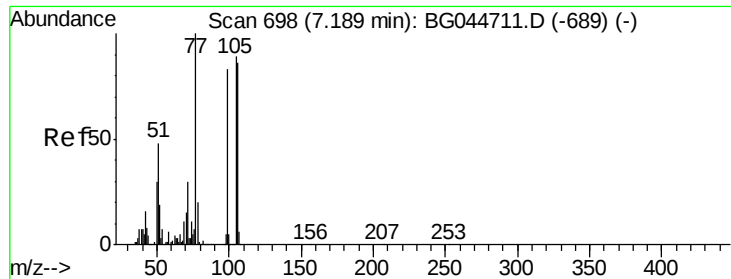
Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	128	Resp:	323935
Ion	Ratio	Lower	Upper
128	100		
130	31.0	11.6	51.6
64	45.8	34.5	74.5





#9

Benzaldehyde

Concen: 14.350 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MSD

Tot Ion: 77 Resp: 83439

Ion Ratio Lower Upper

77 100

105 94.9 69.3 109.3

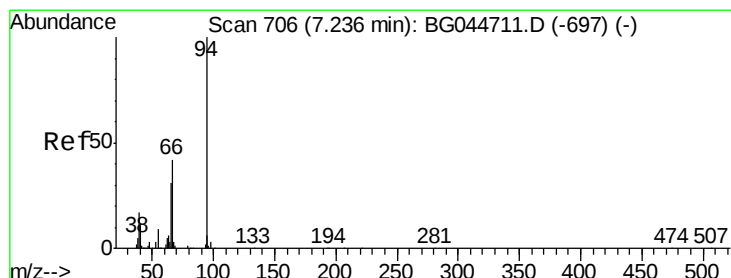
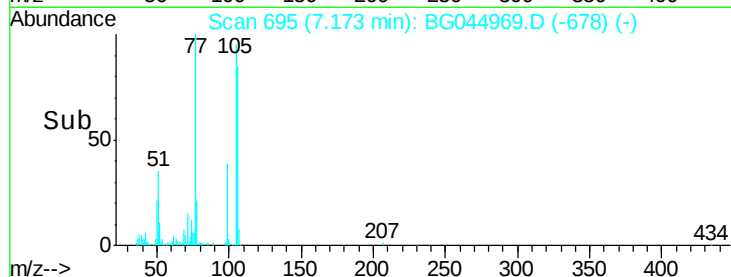
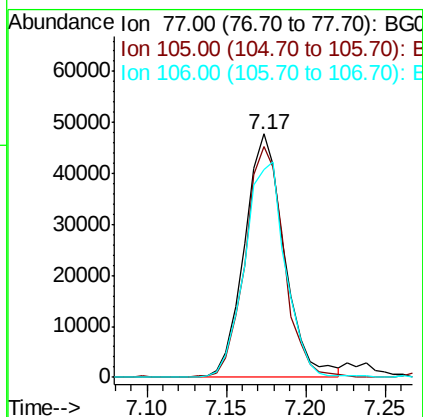
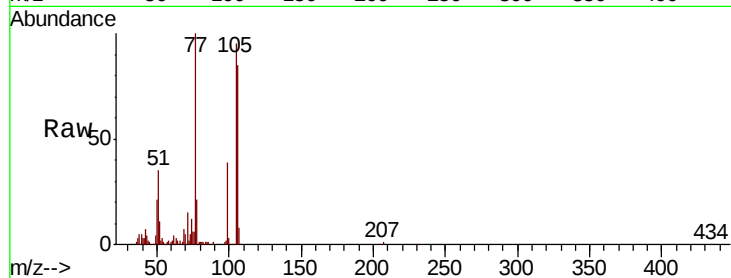
106 85.1 64.5 104.5

Manual Integrations

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#10

Phenol

Concen: 49.672 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

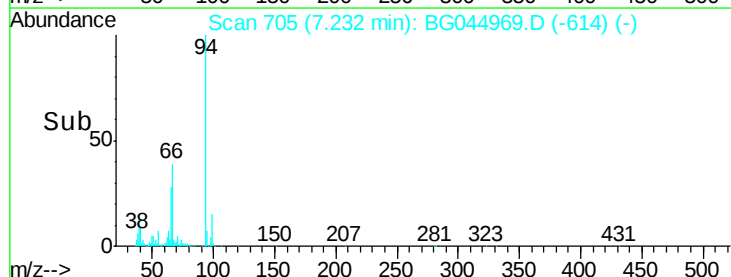
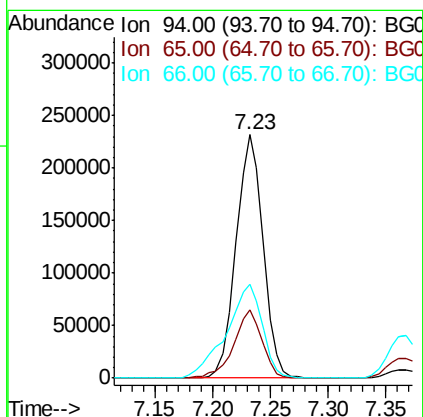
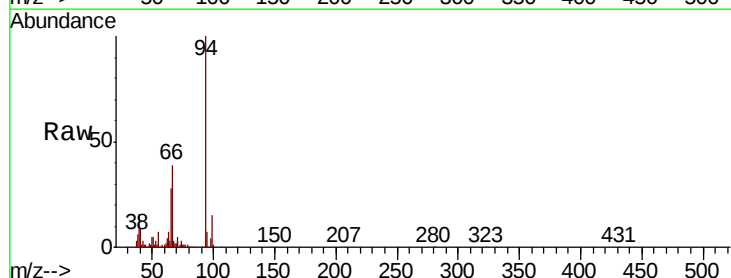
Tgt Ion: 94 Resp: 374516

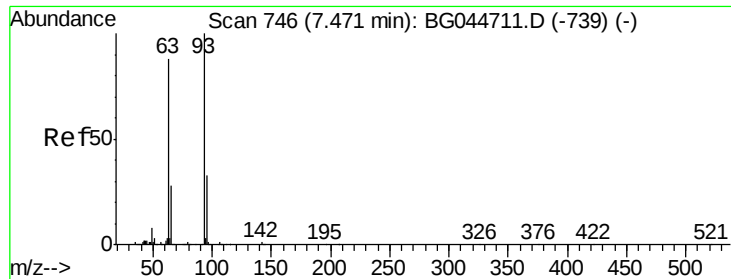
Ion Ratio Lower Upper

94 100

65 28.2 11.0 51.0

66 38.5 20.1 60.1





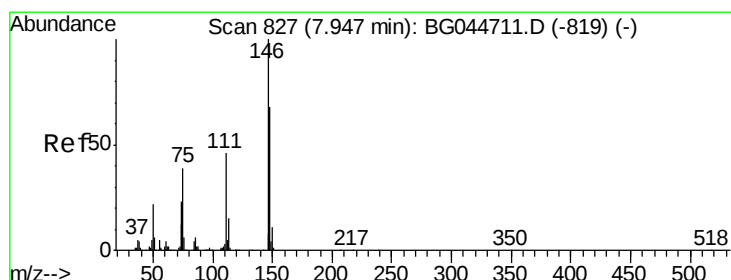
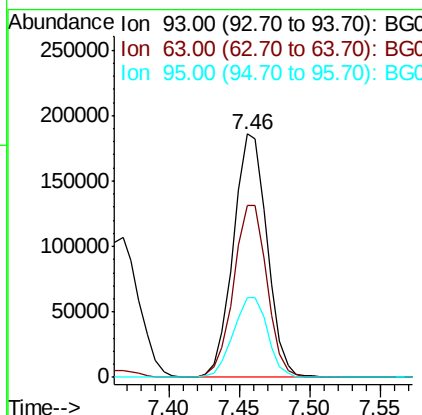
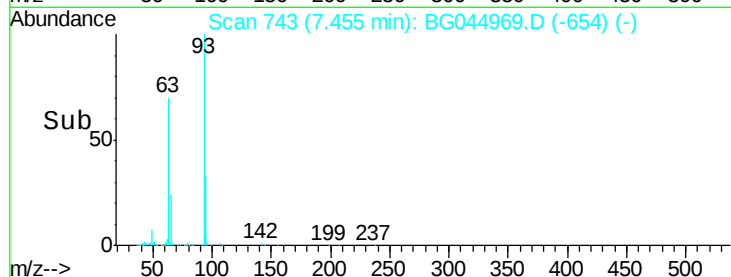
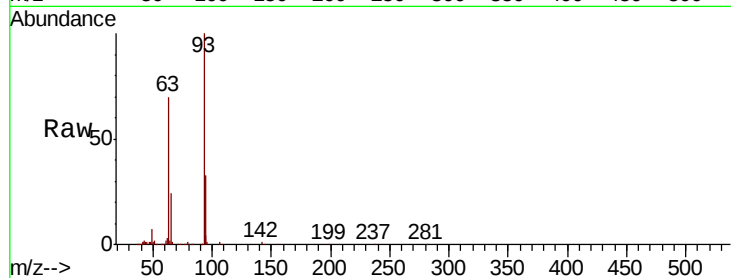
#11
bis(2-Chloroethyl)ether
Concen: 51.273 ng
RT: 7.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		308530		
63	70.4	59.7	99.7		
95	32.7	13.1	53.1		

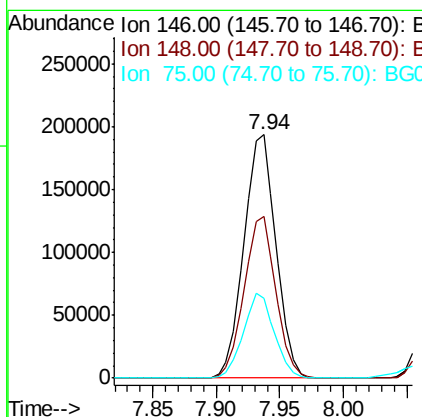
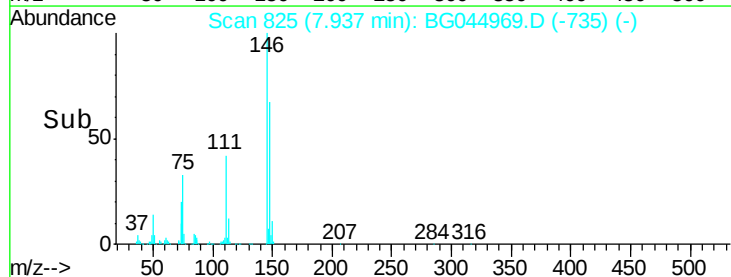
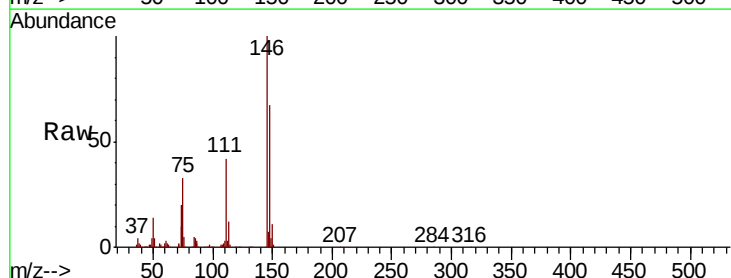
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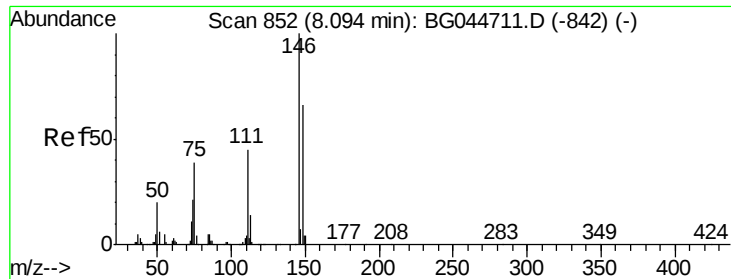
mohammad
4/8/2020 8:14:12 AM



#12
1,3-Dichlorobenzene
Concen: 52.593 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		338997		
148	66.6	54.2	81.4		
75	32.8	28.6	42.8		





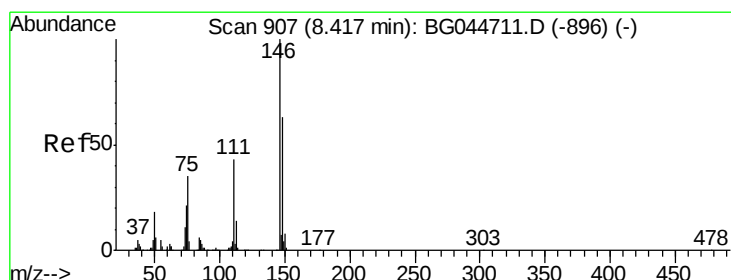
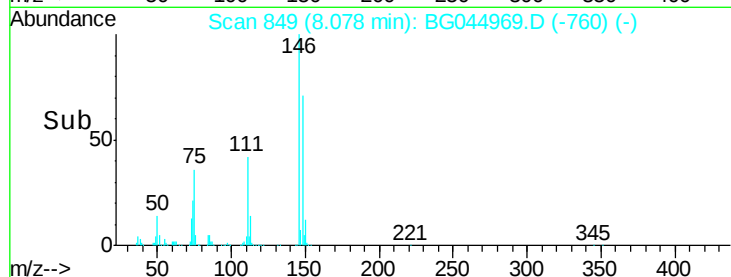
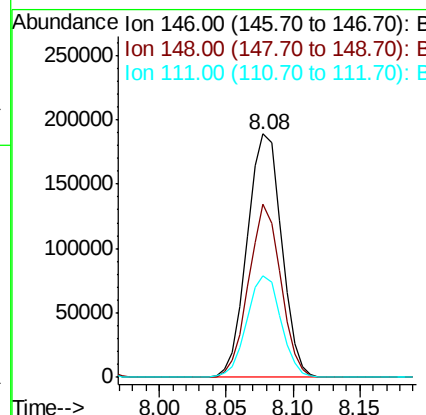
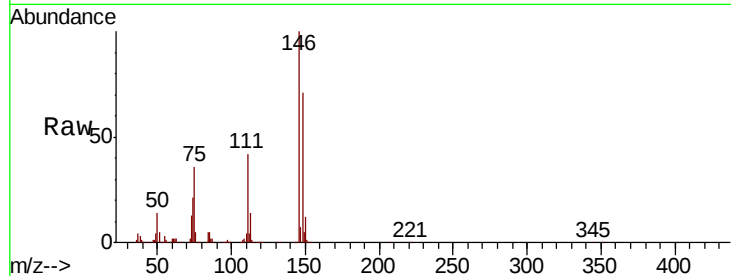
#13
 1,4-Dichlorobenzene
 Concen: 52.615 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	71.1	53.8	80.6
111	41.7	32.0	48.0

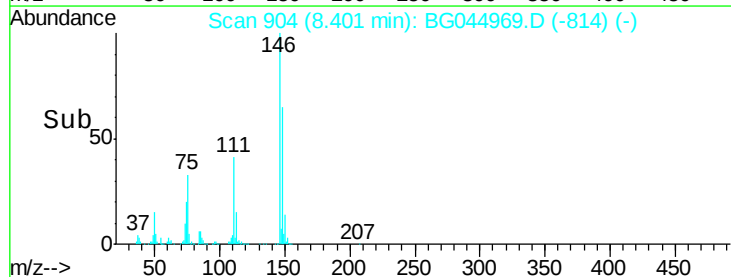
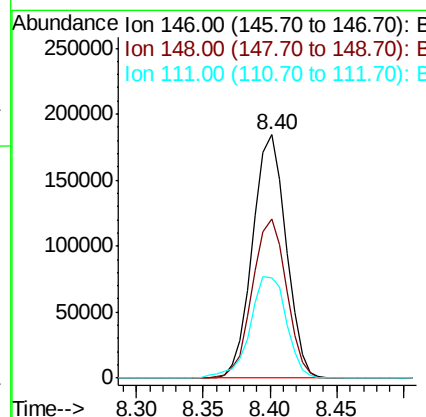
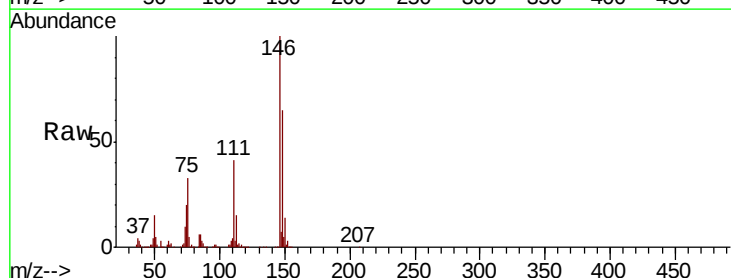
Manual Integrations
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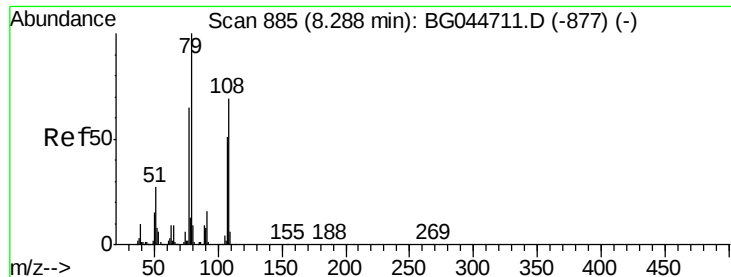
mohammad
 4/8/2020 8:14:12 AM



#14
 1,2-Dichlorobenzene
 Concen: 52.762 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.1	78.1
111	41.1	33.4	50.2





#15

Benzyl Alcohol

Concen: 53.033 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

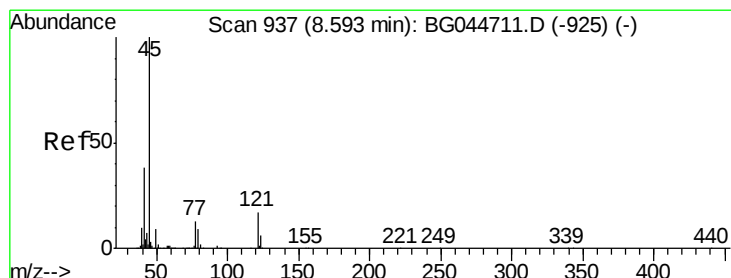
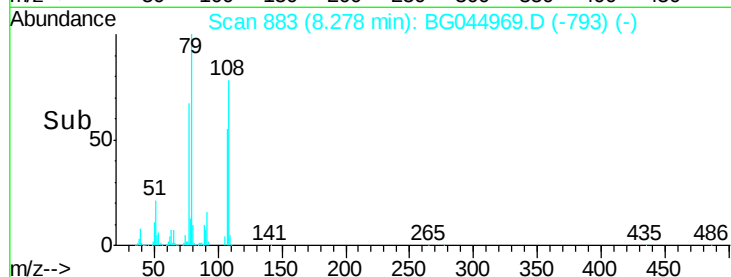
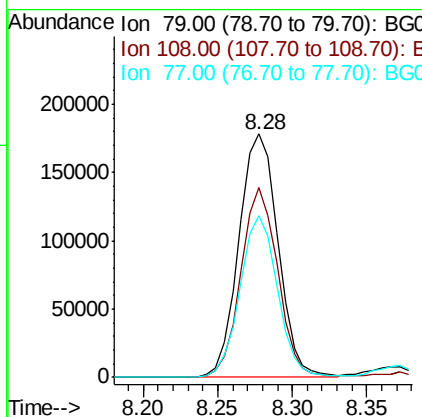
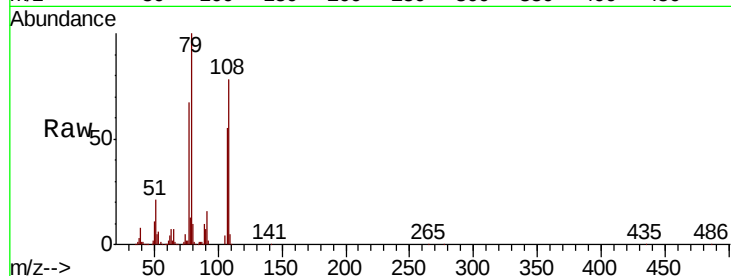
ClientSampleId :

TR-05-040320MSD

Tot Ion:	79	Resp:	324056
Ion	Ratio	Lower	Upper
79	100		
108	78.0	53.8	80.8
77	66.6	47.8	71.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 27.431 ng

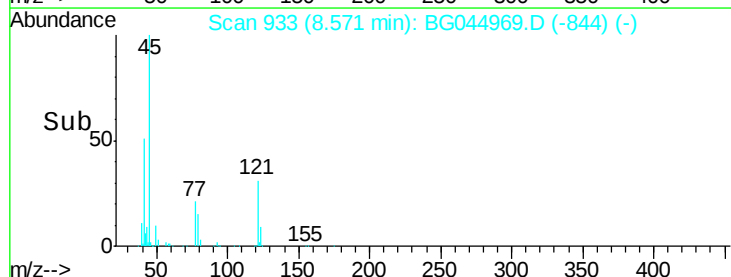
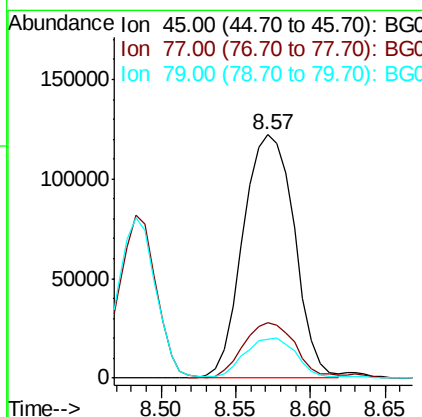
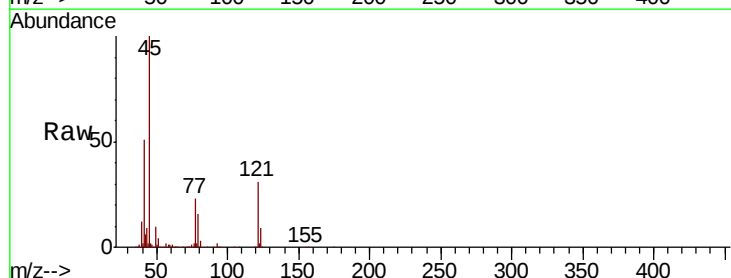
RT: 8.57 min Scan# 933

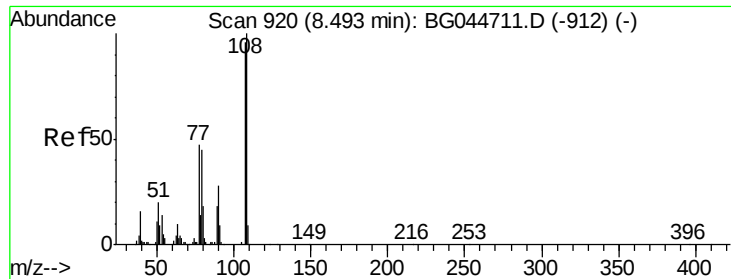
Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	45	Resp:	291286
Ion	Ratio	Lower	Upper
45	100		
77	22.5	0.0	33.9
79	16.1	0.0	30.8





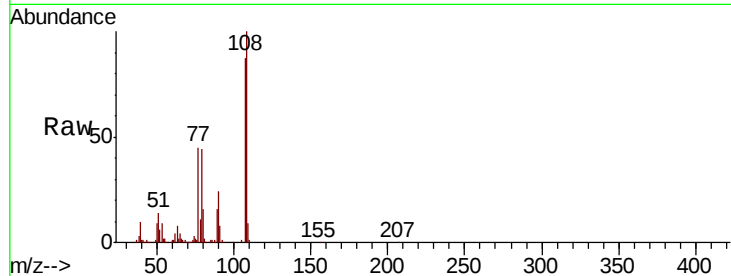
#17
2-Methylphenol
Concen: 54.804 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	279901		
108	114.9	91.8	137.8	
77	51.4	40.0	60.0	
79	50.6	40.2	60.2	

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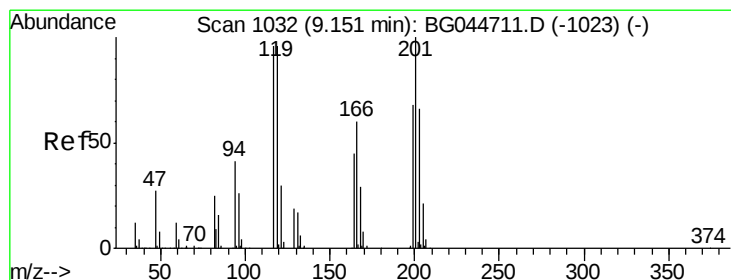
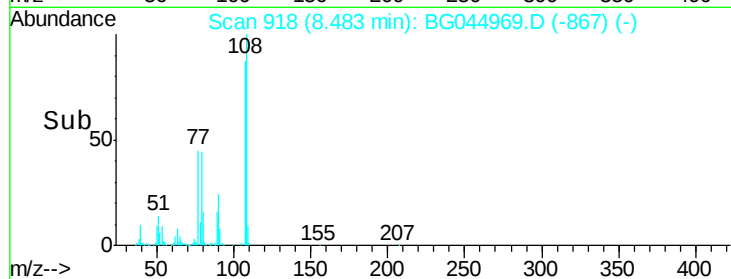
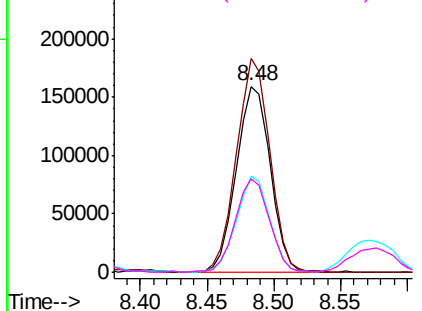
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

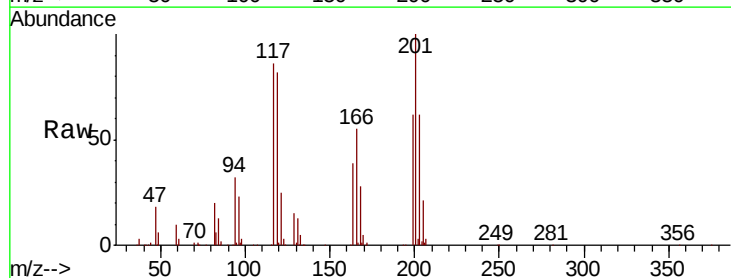
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 49.630 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124512		
119	96.1	75.2	112.8	
201	116.9	81.1	121.7	

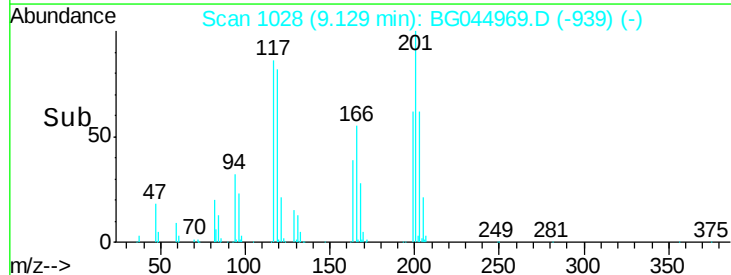
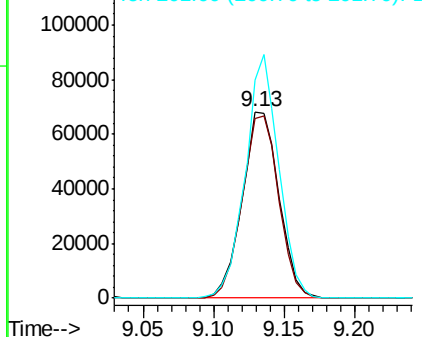


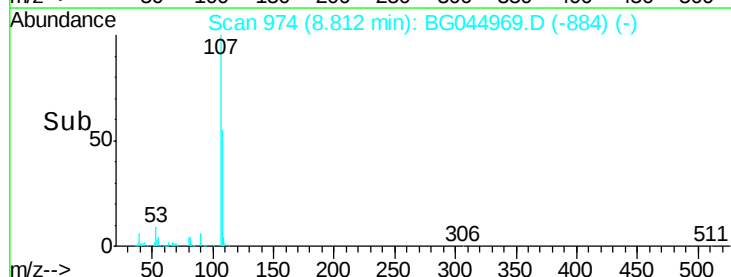
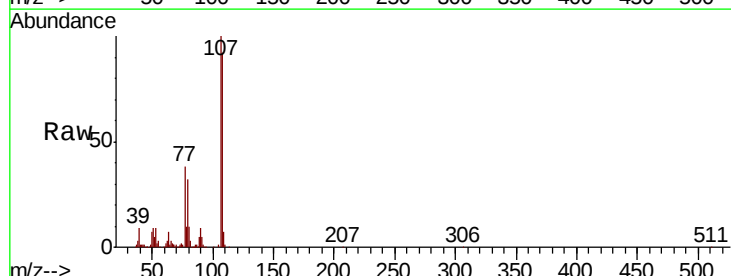
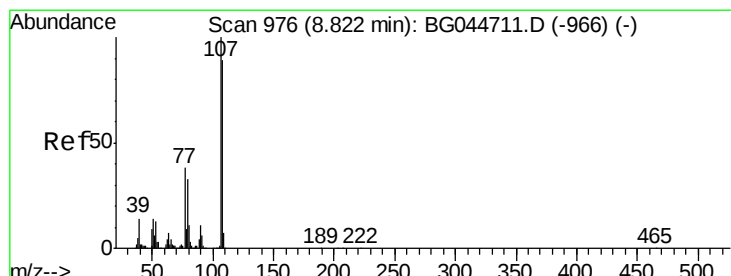
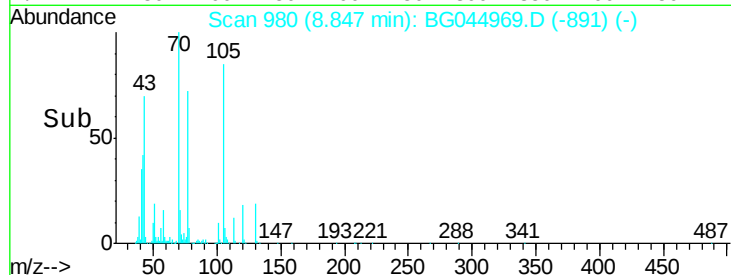
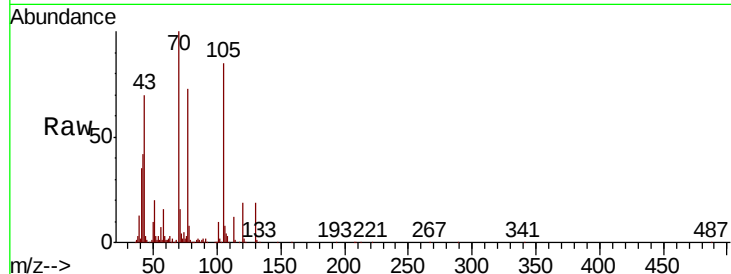
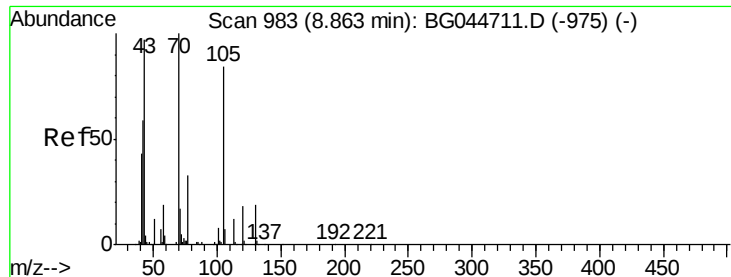
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

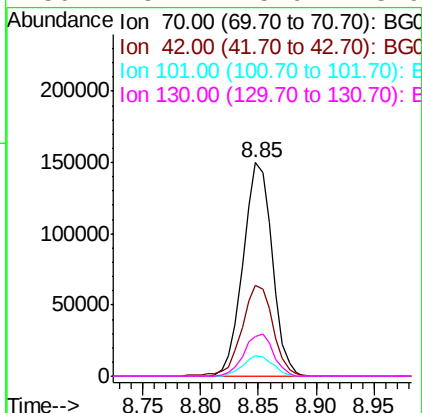
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 49.006 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.3	45.7	68.5#	
101	9.6	7.4	11.2	
130	18.7	15.9	23.9	



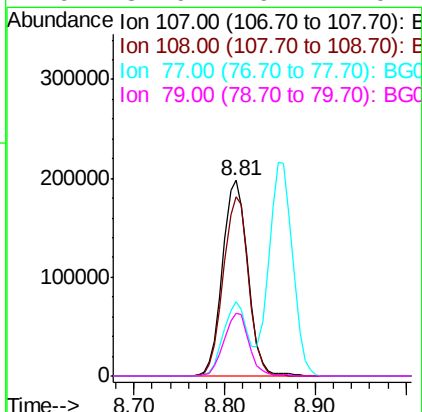
Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

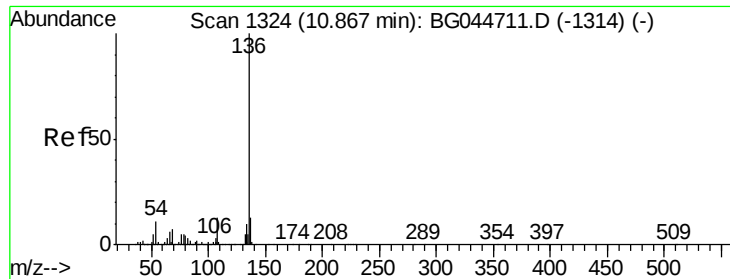
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#20
3+4-Methylphenols
Concen: 54.797 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.6	71.3	111.3	
77	38.0	16.9	56.9	
79	31.9	9.7	49.7	





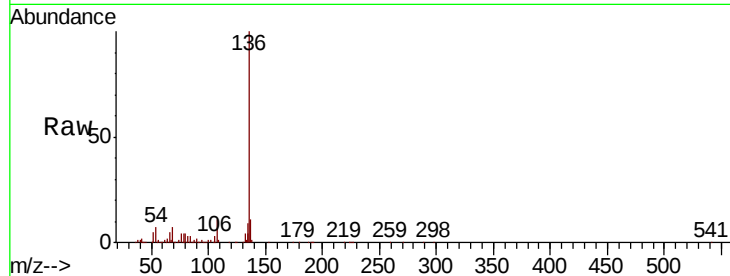
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	312846		
137	11.0	9.8	14.6	
54	6.7	7.9	11.9	
68	6.6	5.4	8.0	

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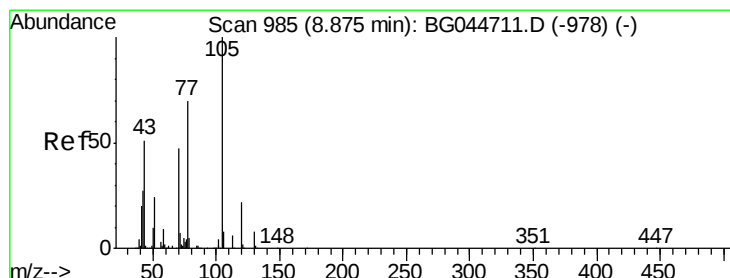
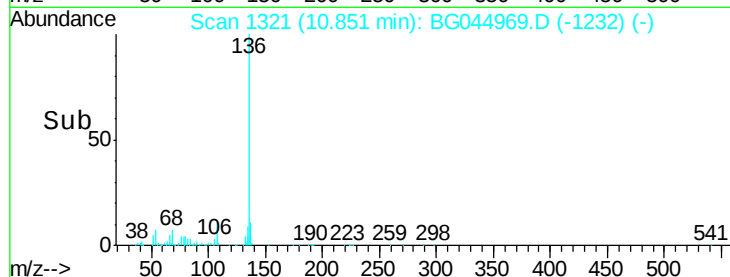
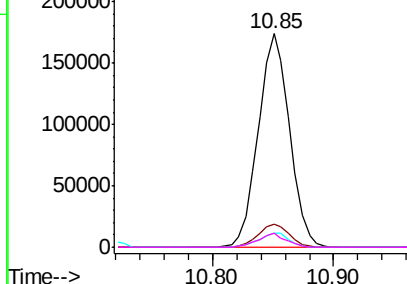
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

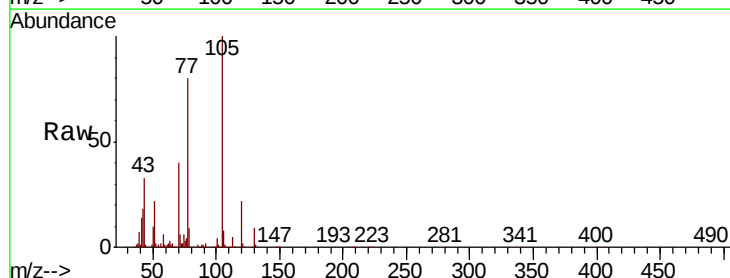
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 55.026 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	487694		
71	5.9	3.9	5.9	
51	21.9	22.6	33.8	
120	22.1	17.3	25.9	



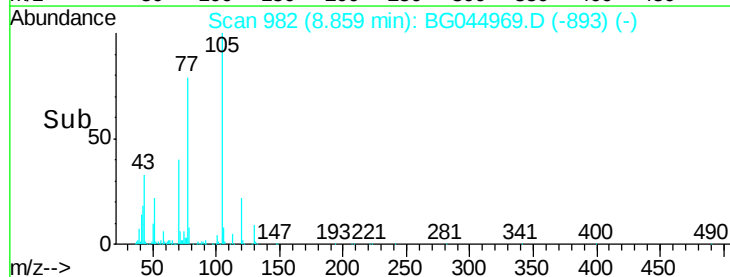
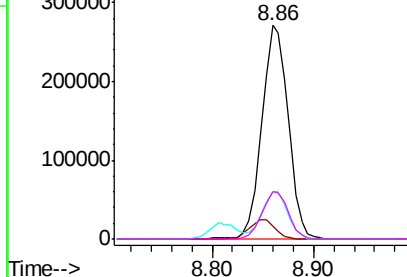
Abundance

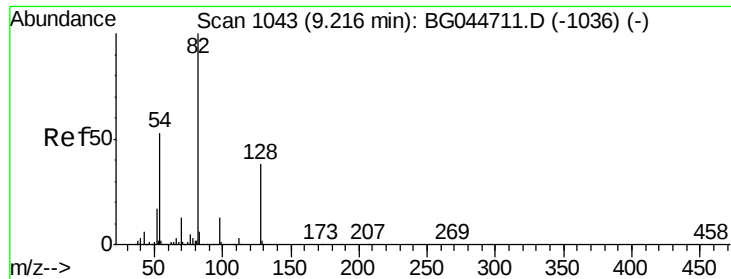
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





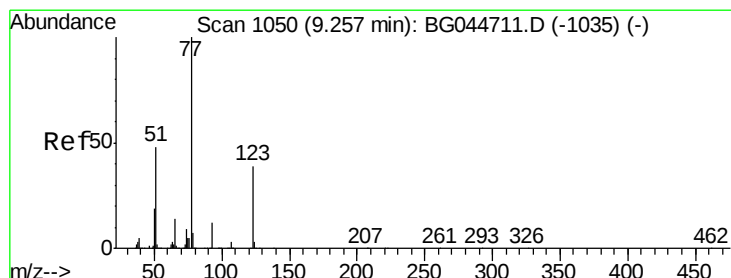
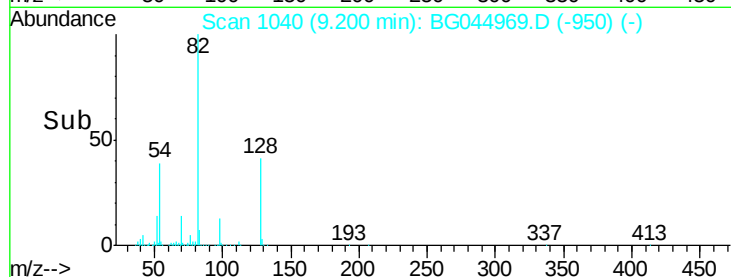
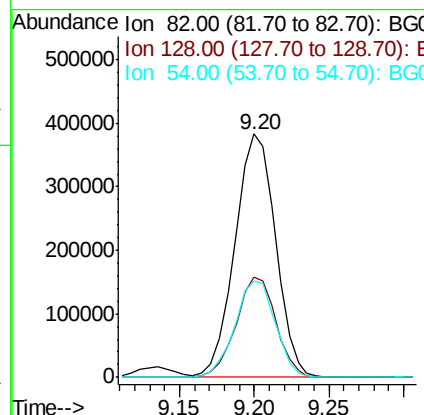
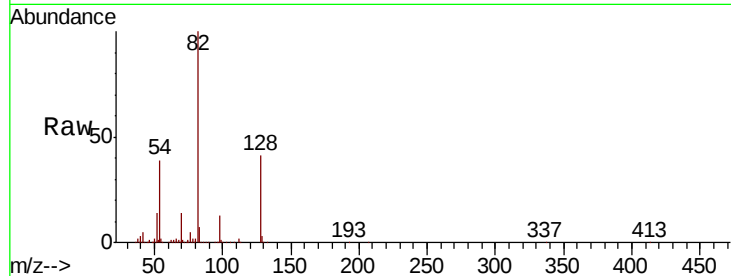
#23
 Nitrobenzene-d5
 Concen: 101.669 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	30.6	46.0
54	39.4	37.1	55.7

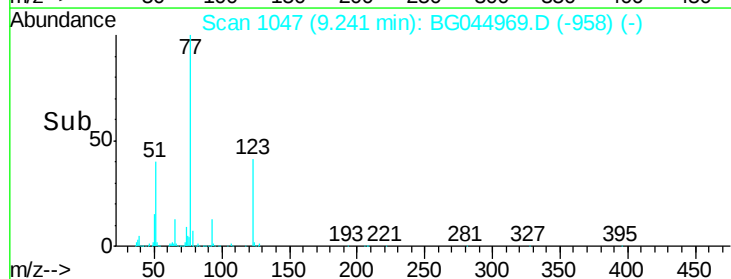
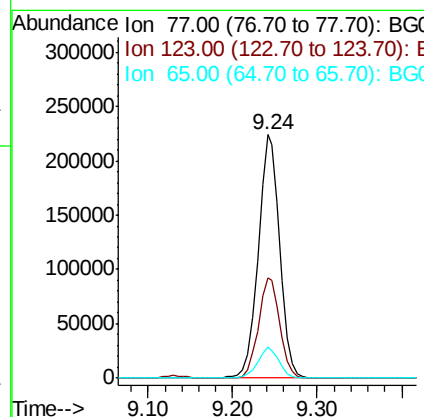
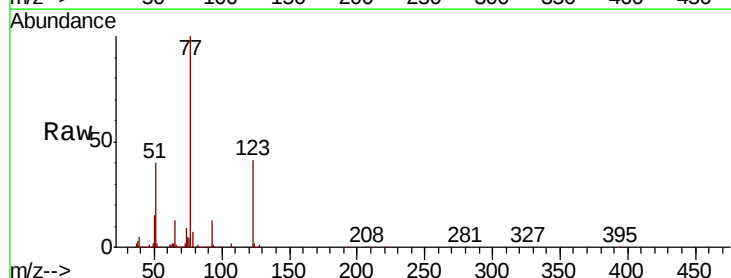
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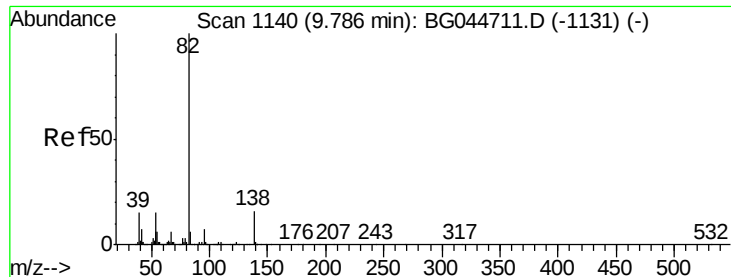
mohammad
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#24
 Nitrobenzene
 Concen: 53.675 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	31.3	46.9
65	12.8	11.4	17.0





#25

Isophorone

Concen: 53.063 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

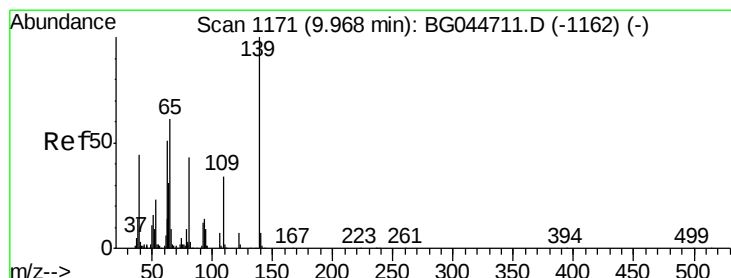
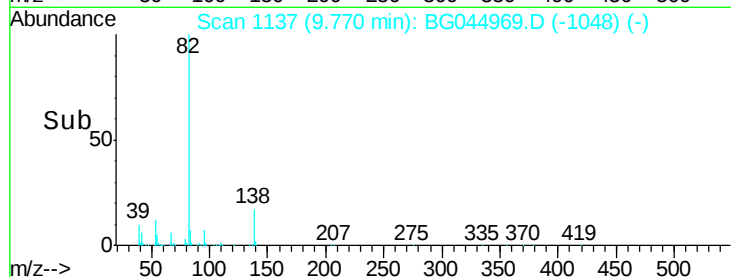
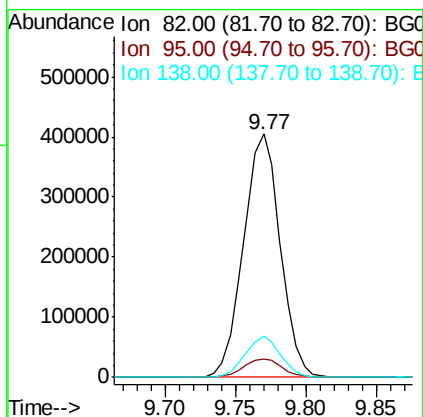
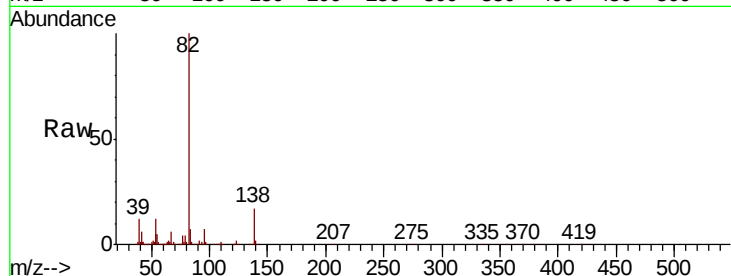
ClientSampleId :

TR-05-040320MSD

Tot Ion:	82	Resp:	738344
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.5	8.3
138	16.8	12.5	18.7

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#26

2-Nitrophenol

Concen: 65.321 ng

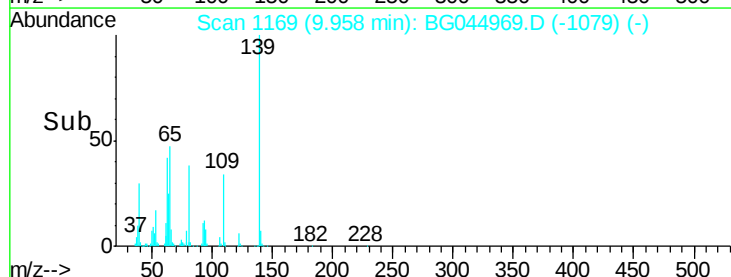
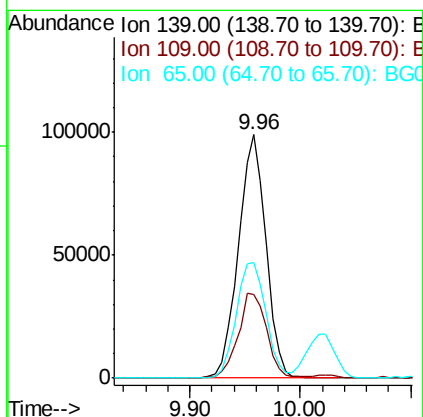
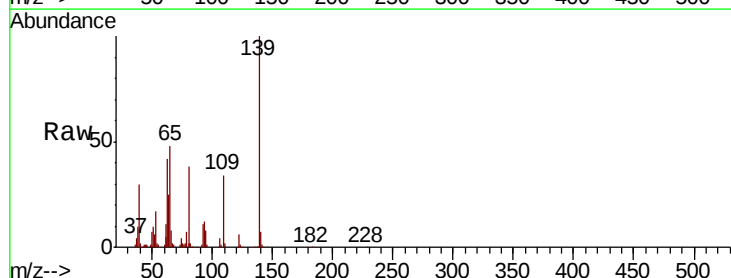
RT: 9.96 min Scan# 1169

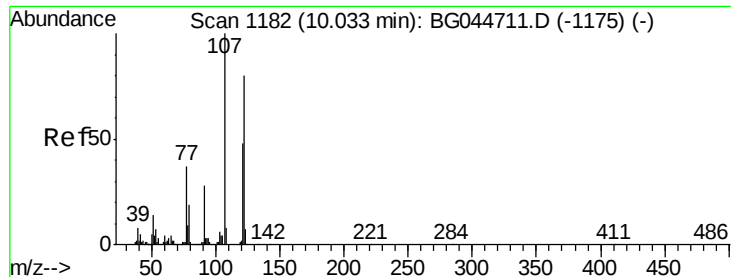
Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	139	Resp:	173531
Ion Ratio	Lower	Upper	
139	100		
109	34.5	30.2	45.4
65	47.5	46.3	69.5





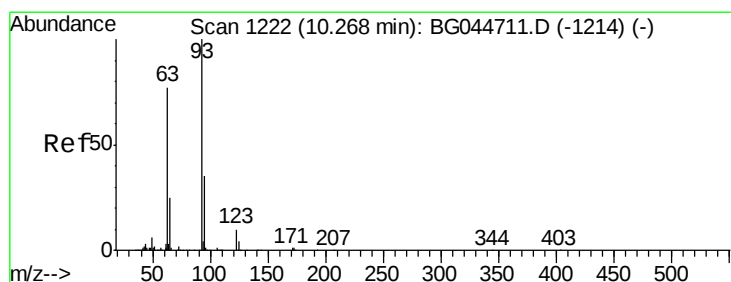
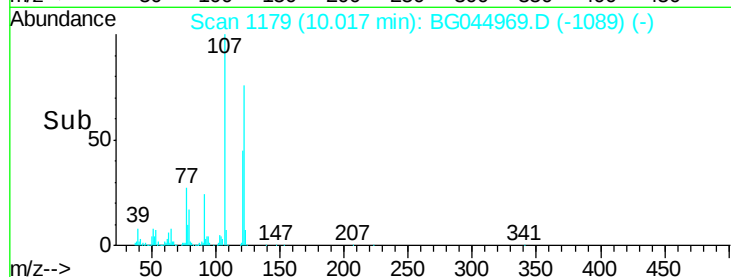
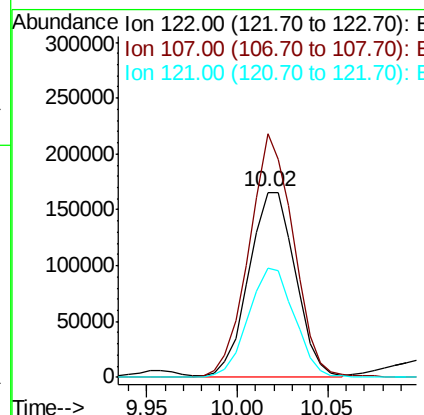
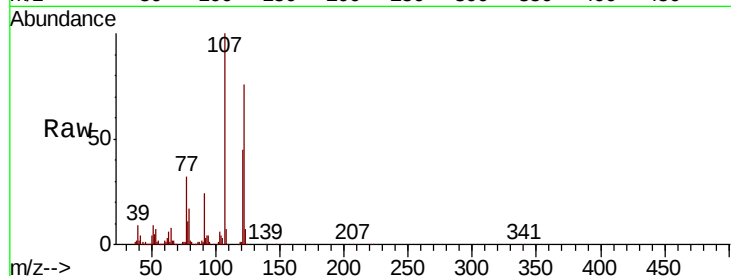
#27
2,4-Dimethylphenol
Concen: 65.105 ng
RT: 10.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	131.5	107.1	160.7
121	59.2	46.8	70.2

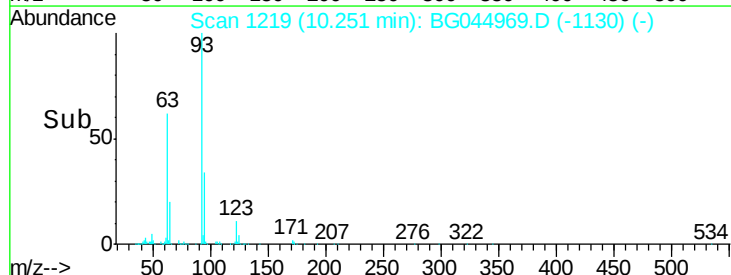
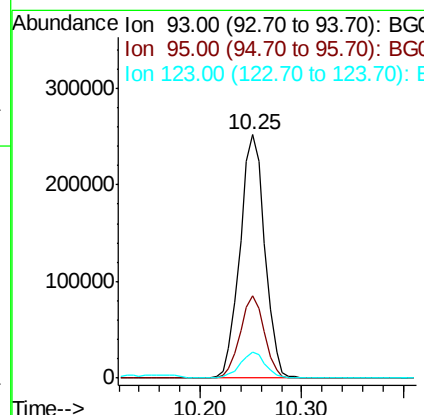
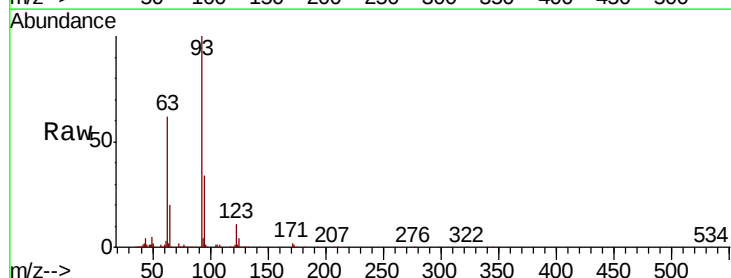
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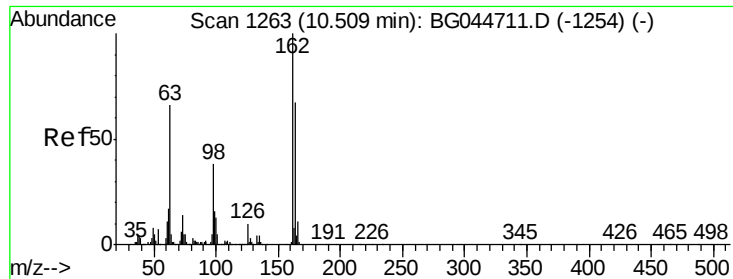
mohammad
4/8/2020 8:14:12 AM



#28
bis(2-Chloroethoxy)methane
Concen: 51.341 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.4	39.6
123	10.8	8.4	12.6





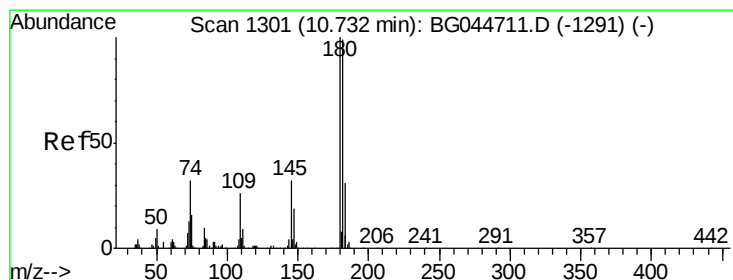
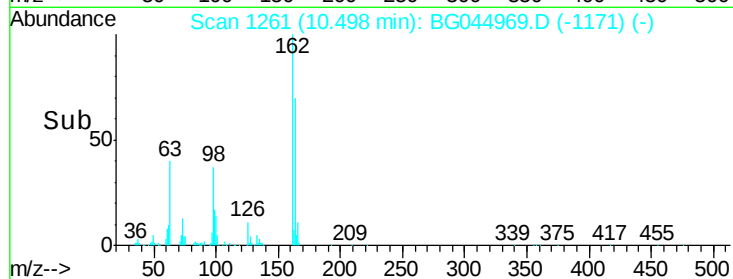
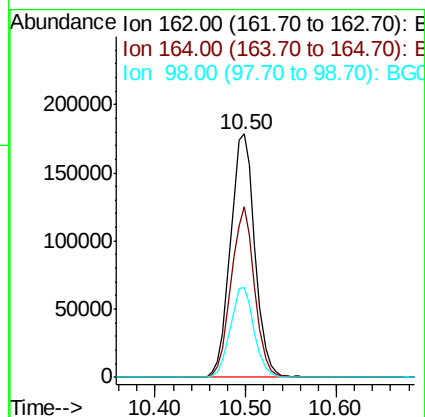
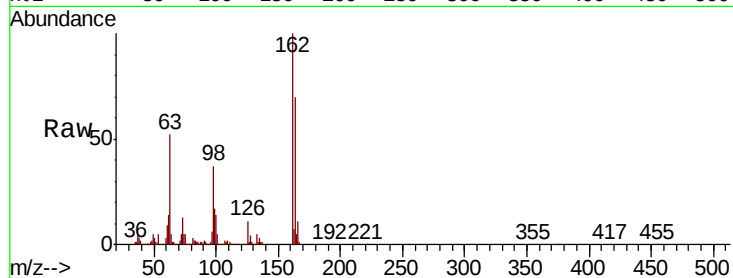
#29
 2,4-Dichlorophenol
 Concen: 63.288 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	70.0	45.2	85.2
98	37.0	19.0	59.0

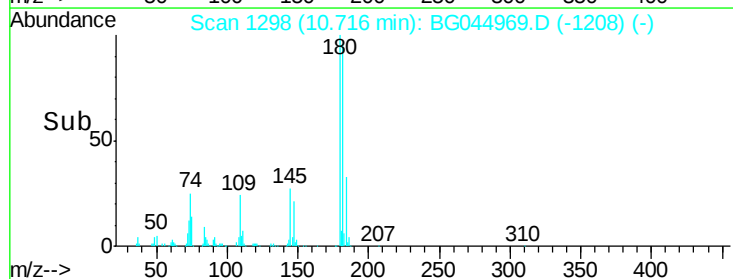
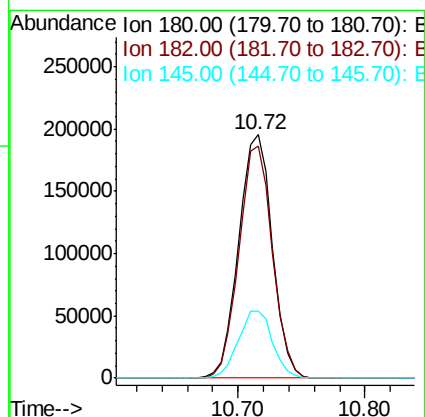
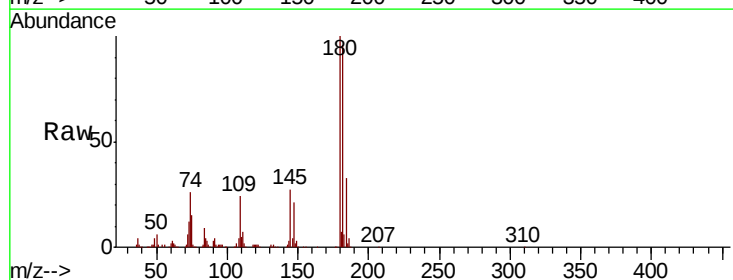
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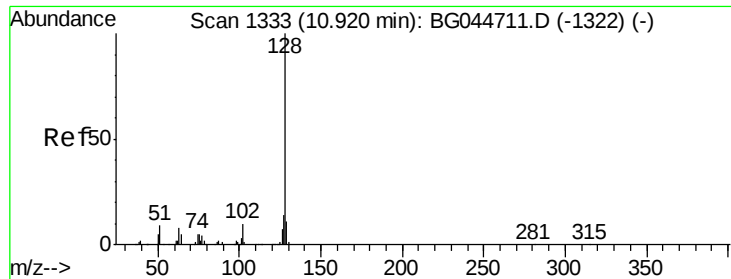
mohammad
 4/8/2020 8:14:12 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 56.416 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	71.6	107.4
145	27.4	23.4	35.0





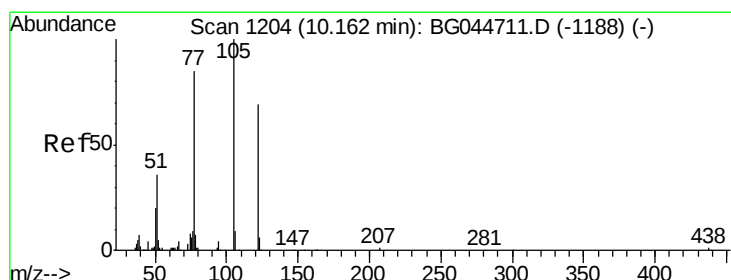
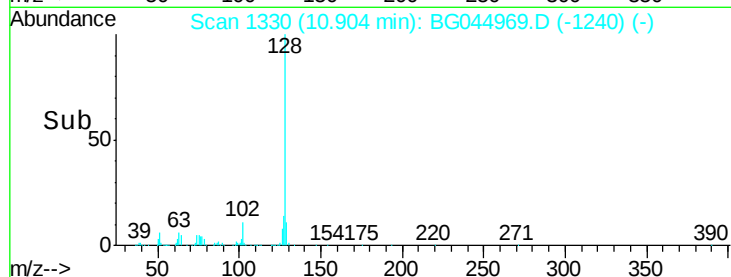
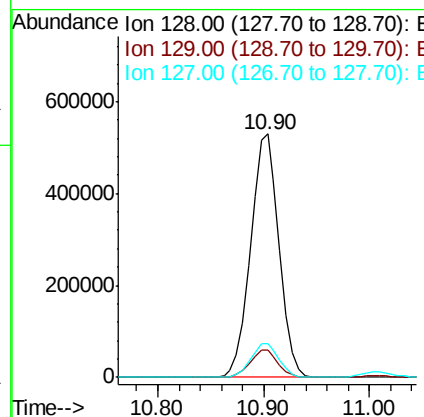
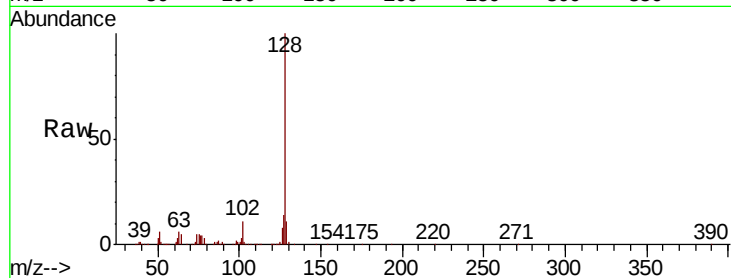
#31
Naphthalene
Concen: 56.760 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.4	
127	13.8	10.8	16.2	

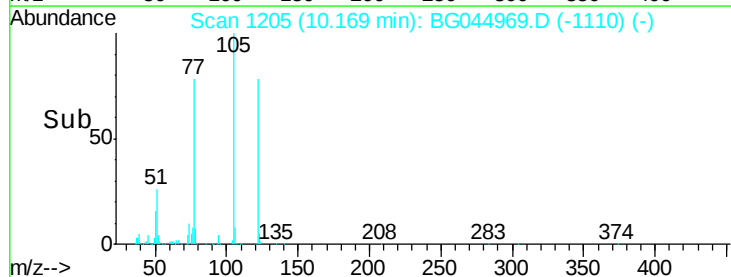
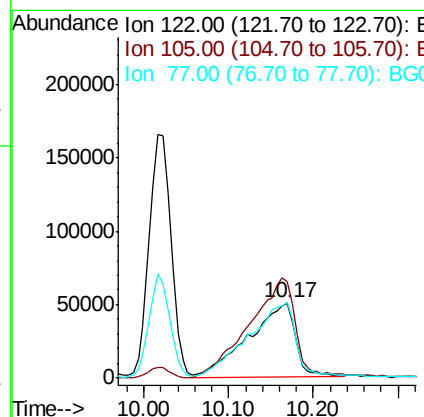
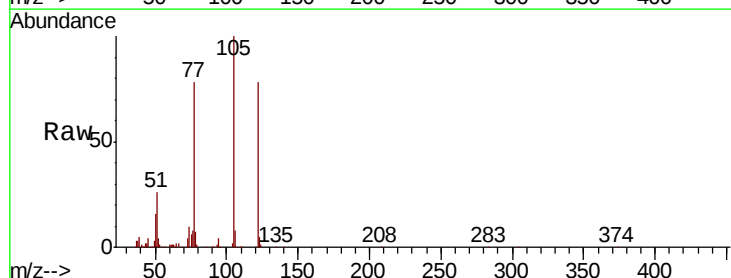
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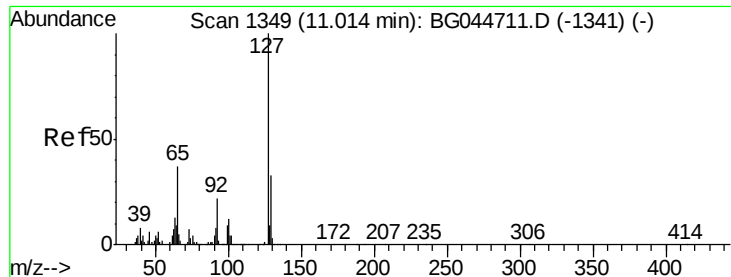
mohammad
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#32
Benzoic acid
Concen: 53.153 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.03 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	128.3	109.1	149.1	
77	100.3	85.3	125.3	





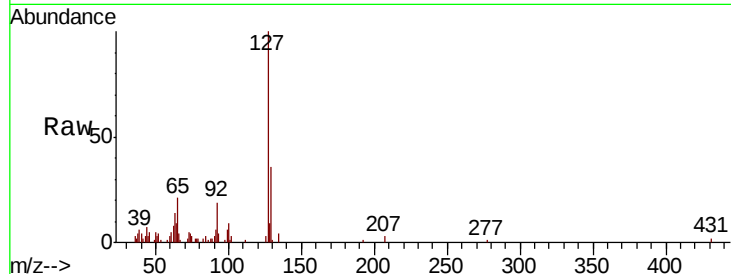
#33
4-Chloroaniline
Concen: 3.383 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

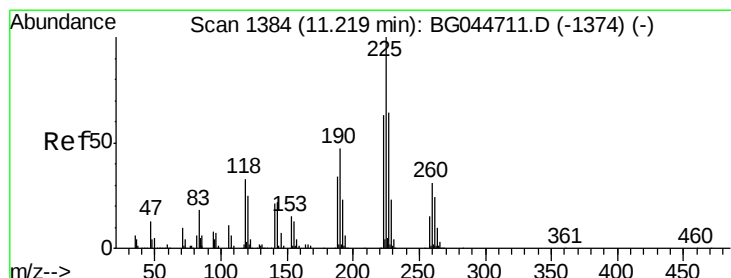
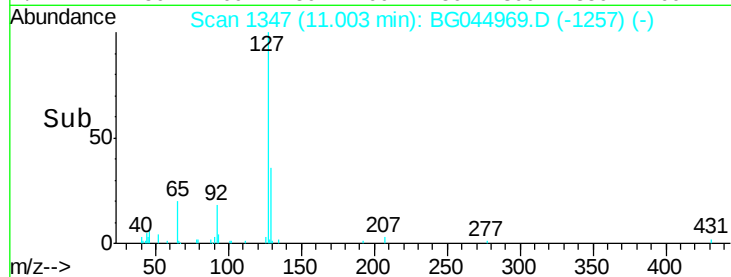
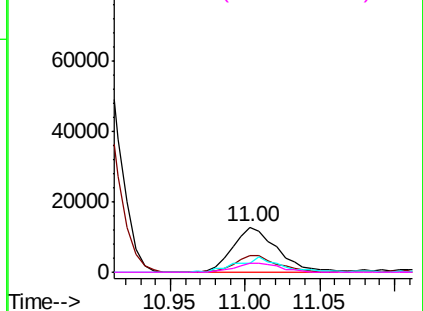
Tot Ion	Ratio	Lower	Upper
127	100		
129	36.0	26.9	40.3
65	21.0	27.7	41.5
92	19.4	17.4	26.2

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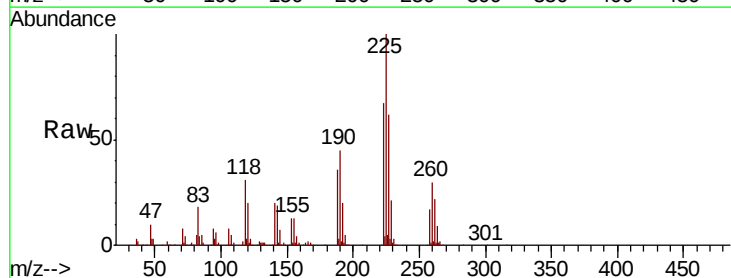


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

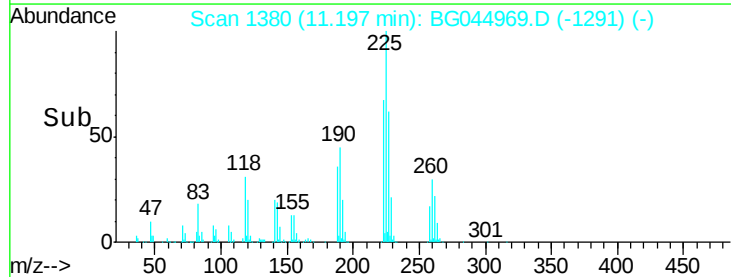
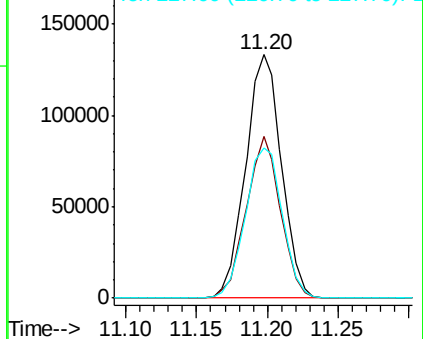


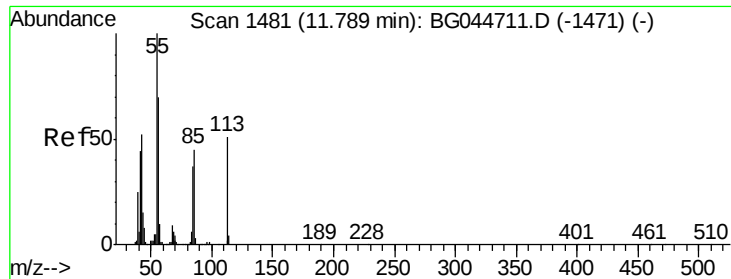
#34
Hexachlorobutadiene
Concen: 57.044 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	47.4	71.0
227	61.9	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





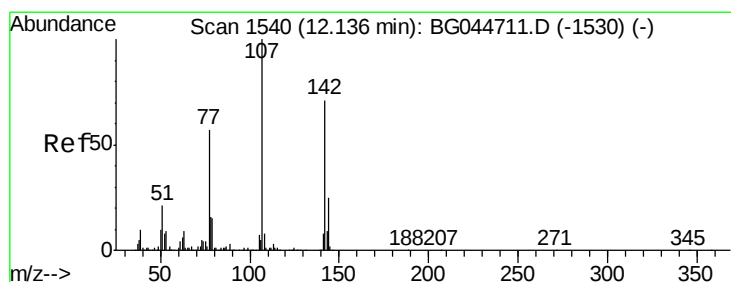
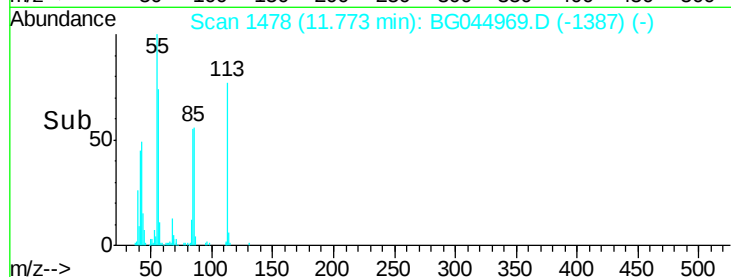
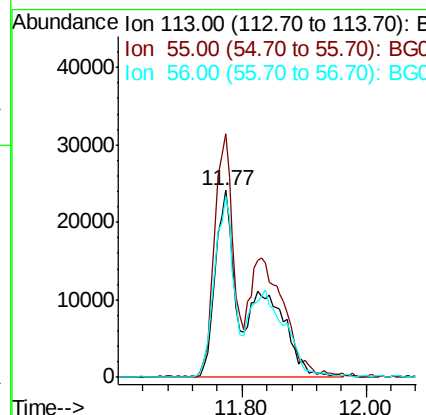
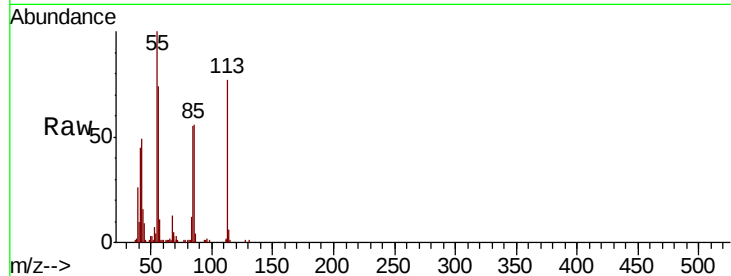
#35
 Caprolactam
 Concen: 47.478 ng/ml
 RT: 11.77 min Scan# 1478
 Delta R.T. 0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	130.2	173.8	213.8#	
56	96.9	113.8	153.8#	

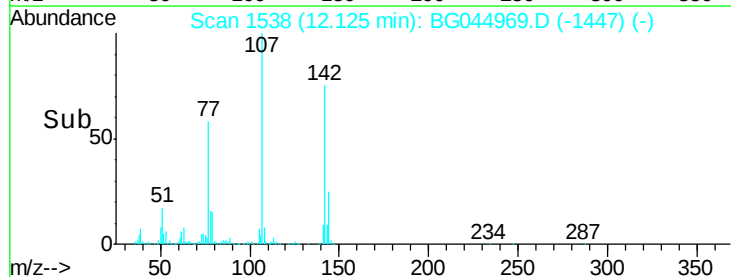
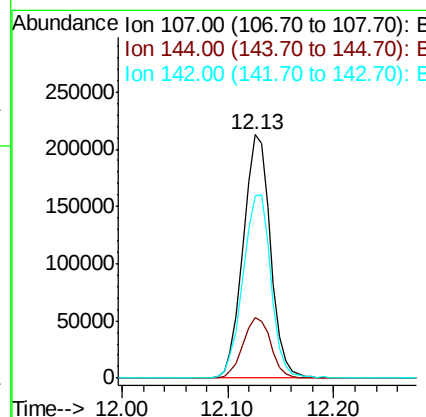
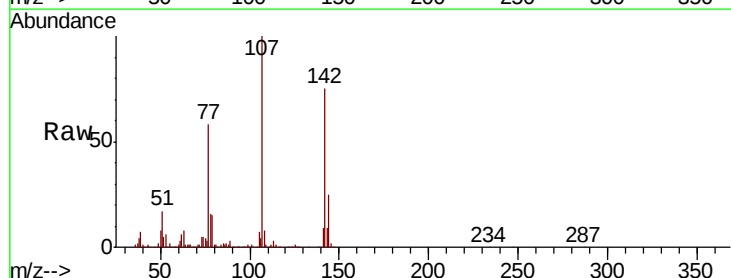
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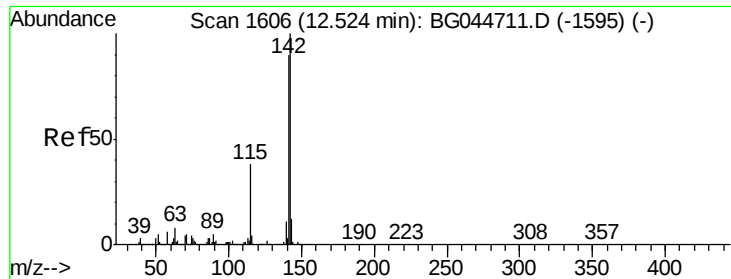
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 60.446 ng/ml
 RT: 12.13 min Scan# 1538
 Delta R.T. 0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.7	18.0	27.0	
142	75.1	59.0	88.4	





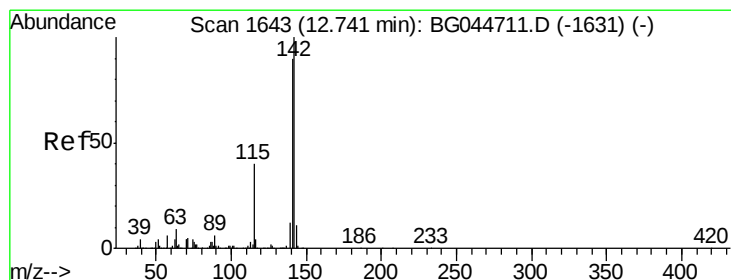
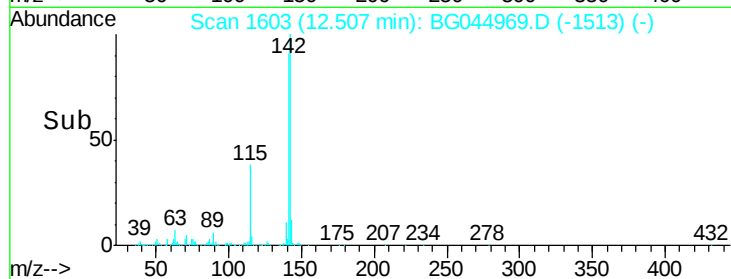
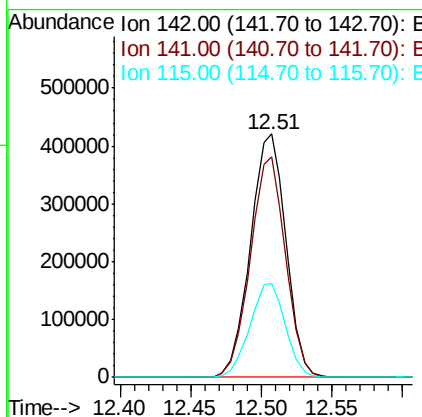
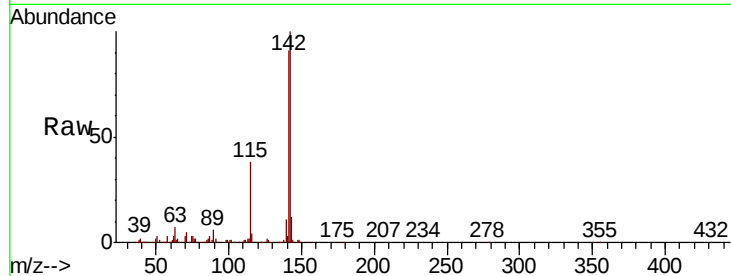
#37
 2-Methylnaphthalene
 Concen: 57.153 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	75.1	112.7
115	38.4	30.6	46.0

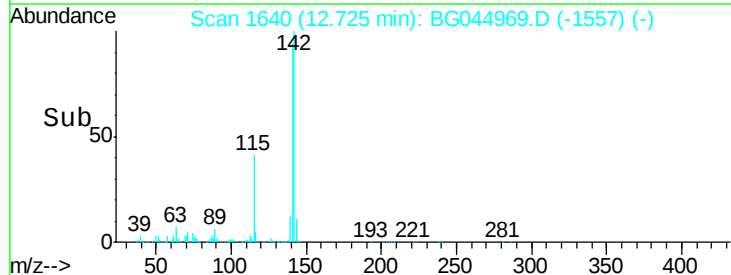
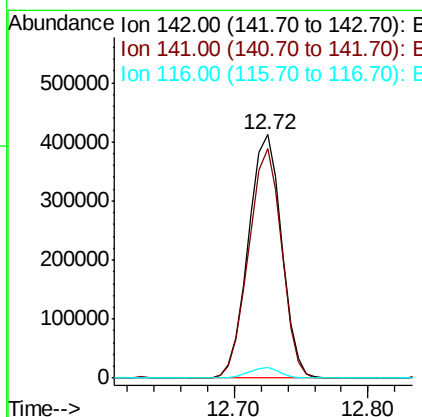
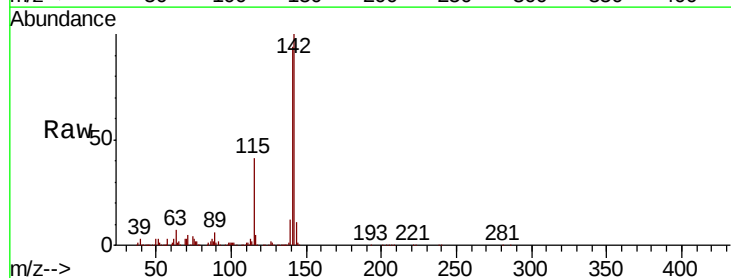
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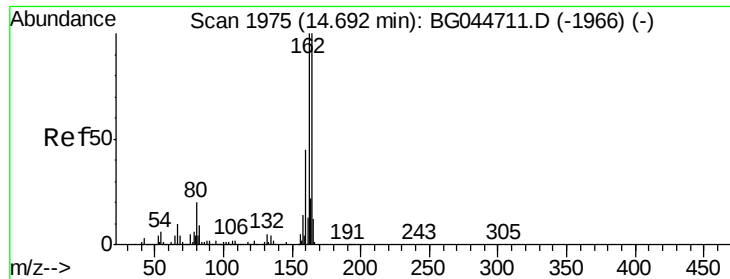
mohammad
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#38
 1-Methylnaphthalene
 Concen: 57.984 ng
 RT: 12.72 min Scan# 1640
 Delta R.T. -0.01 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.7	112.1
116	4.6	3.3	4.9





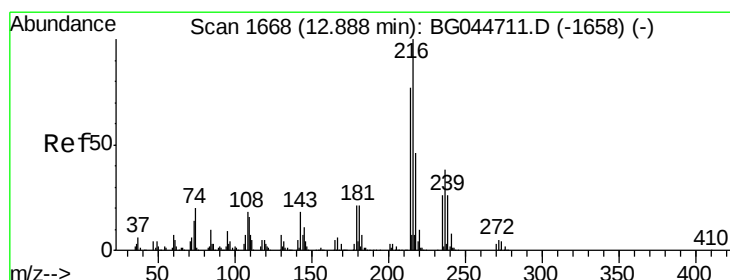
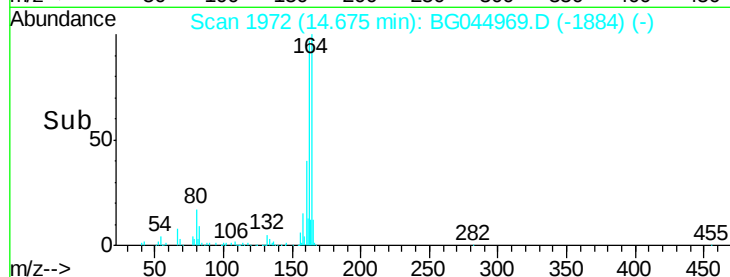
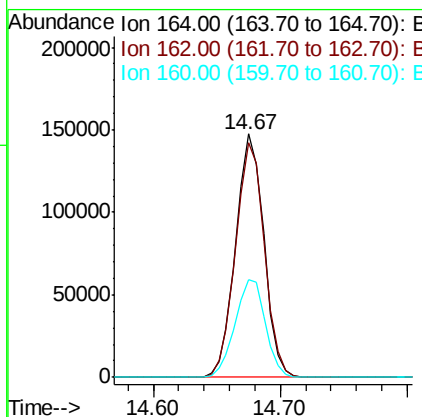
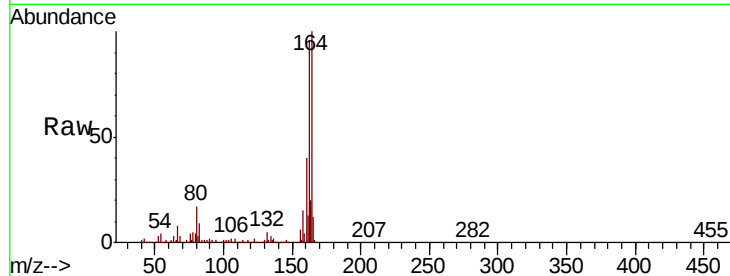
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.2	76.7	115.1
160	40.0	35.0	52.4

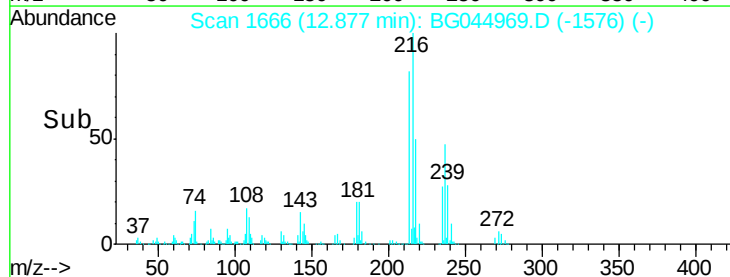
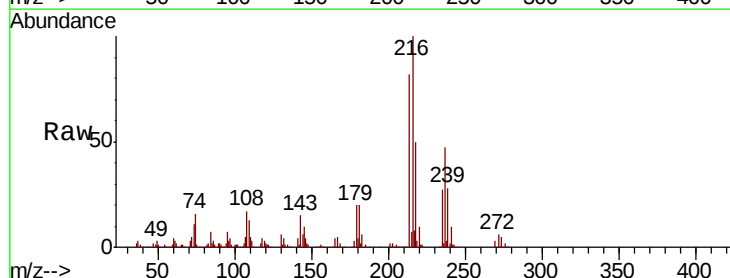
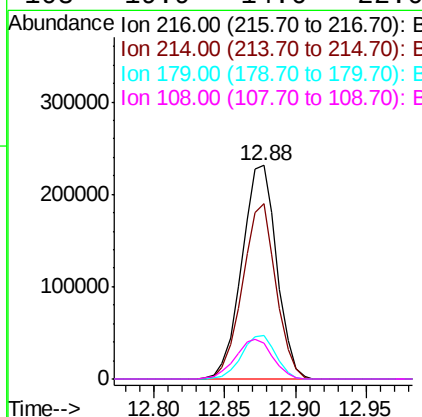
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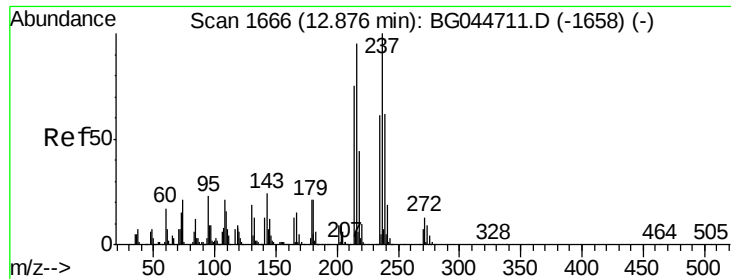
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.521 ng
RT: 12.88 min Scan# 1666
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	20.1	16.2	24.2
108	19.9	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 130.090 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

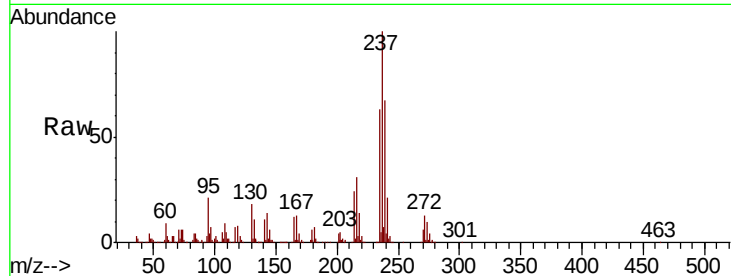
ClientSampleId :

TR-05-040320MSD

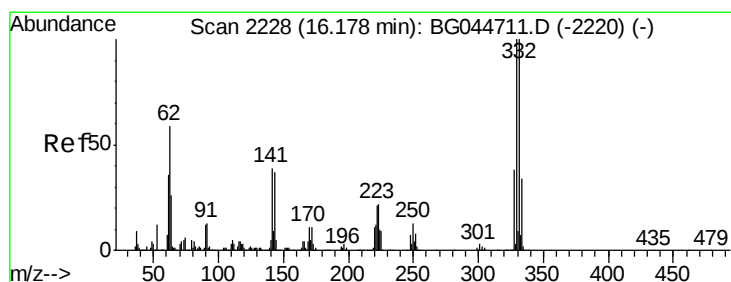
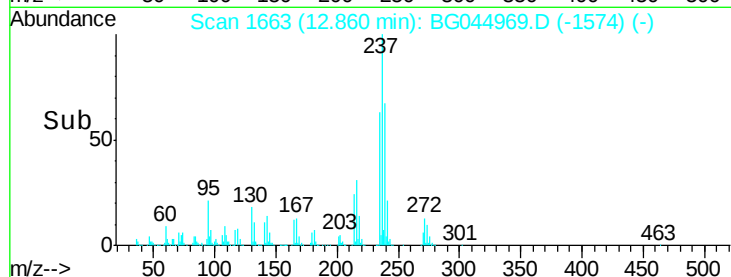
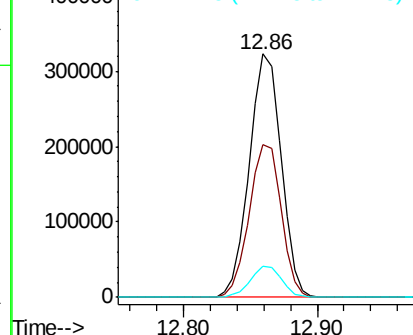
Tot Ion:	237	Resp:	530471
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.9	82.9
272	12.8	0.0	31.6

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



#42

2,4,6-Tribromophenol

Concen: 186.259 ng

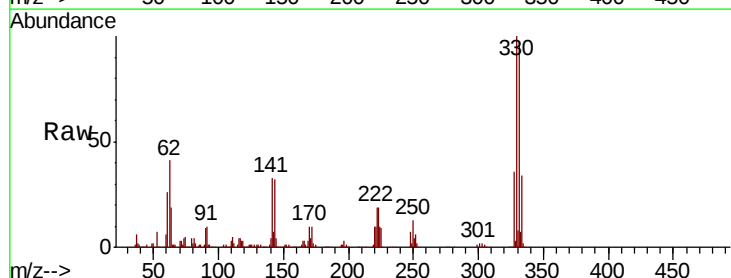
RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

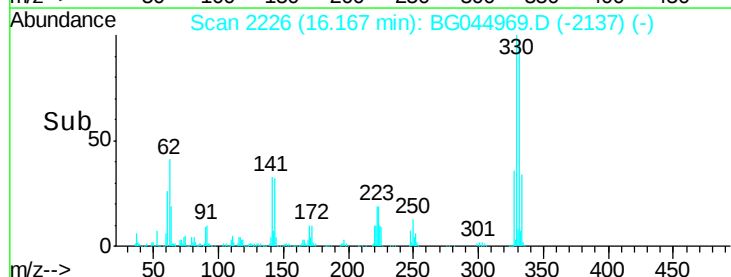
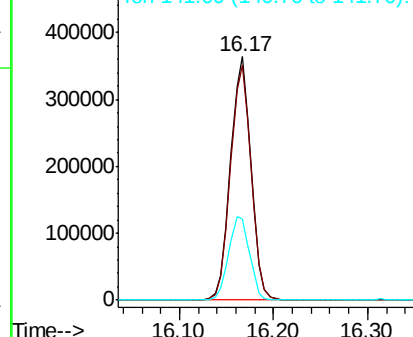
Lab File: BG044969.D

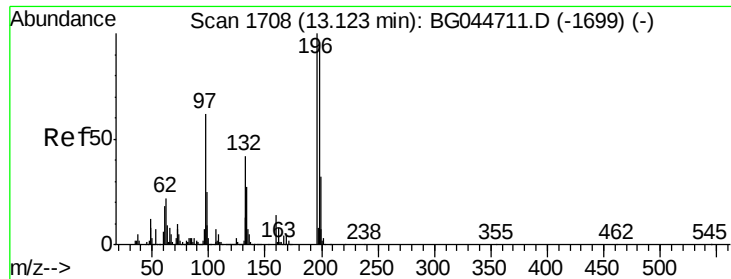
Acq: 8 Apr 2020 00:20

Tgt Ion:	330	Resp:	552542
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.8	116.6
141	35.0	29.5	44.3



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





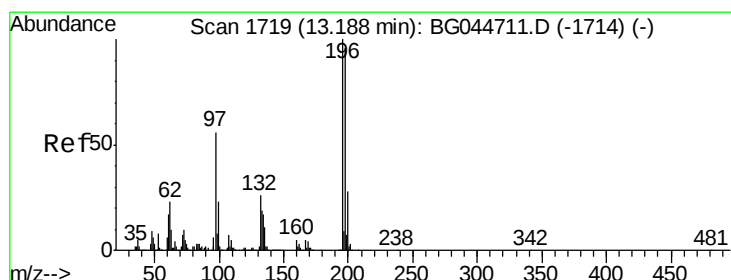
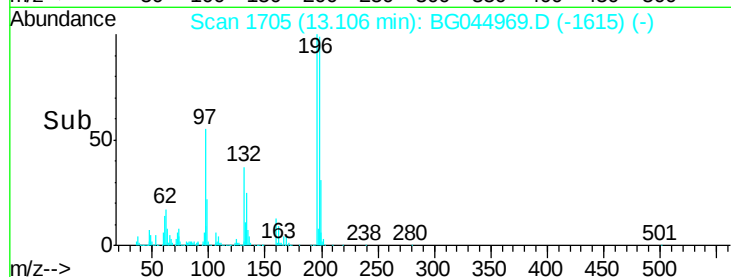
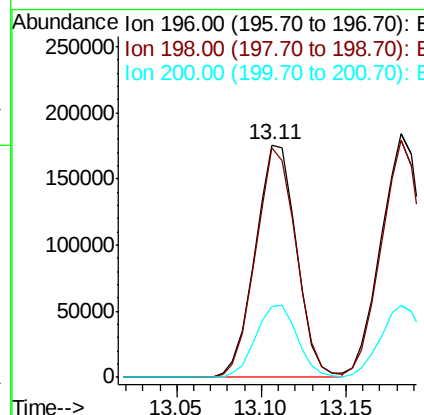
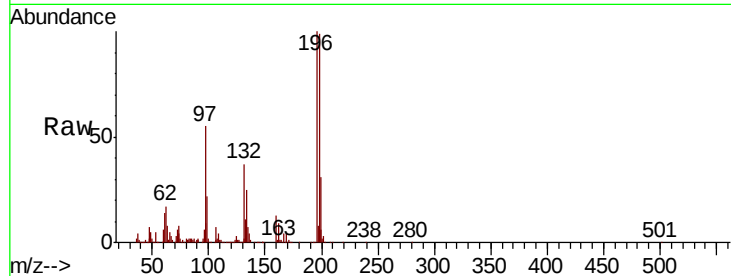
#43
 2,4,6-Trichlorophenol
 Concen: 60.098 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	297593		
198	98.6	74.9	112.3	
200	30.6	25.8	38.6	

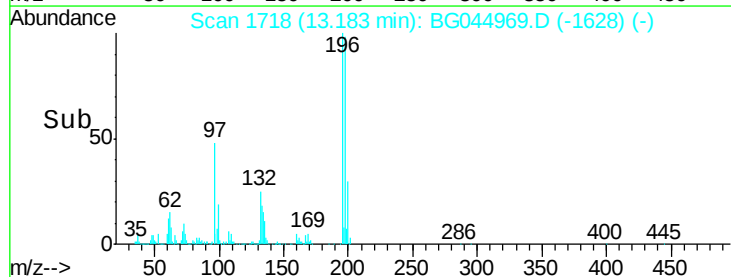
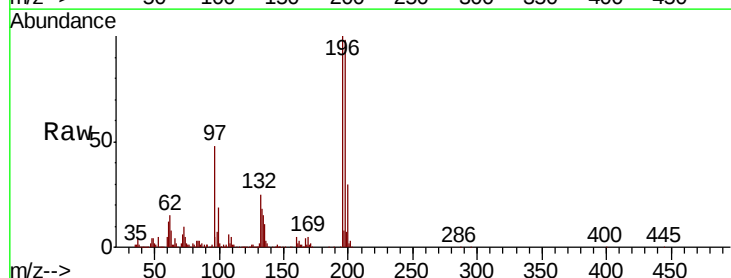
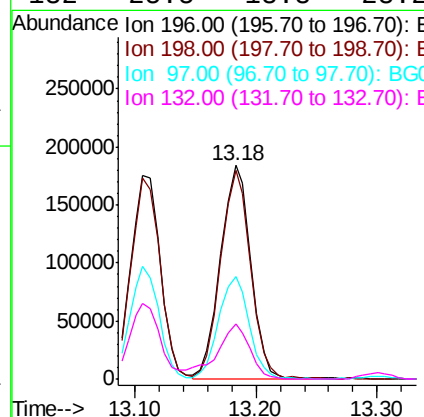
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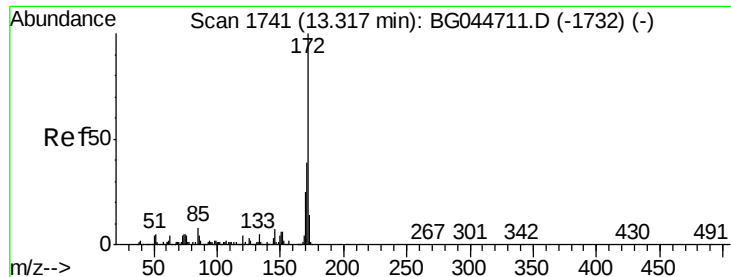
mohammad
 4/8/2020 8:14:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 62.127 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	319045		
198	97.7	74.2	111.4	
97	48.2	36.7	55.1	
132	25.5	18.8	28.2	





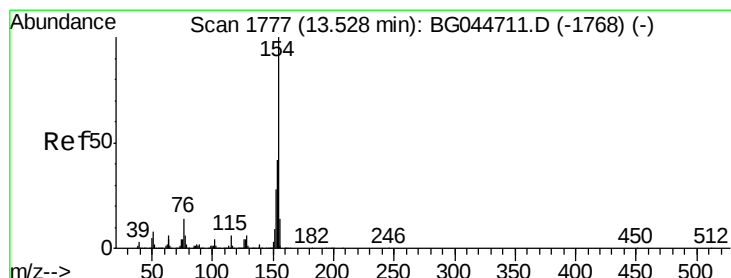
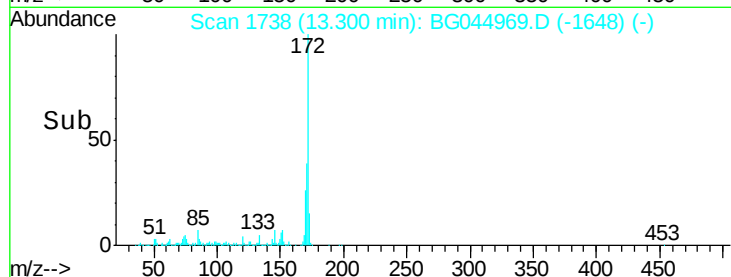
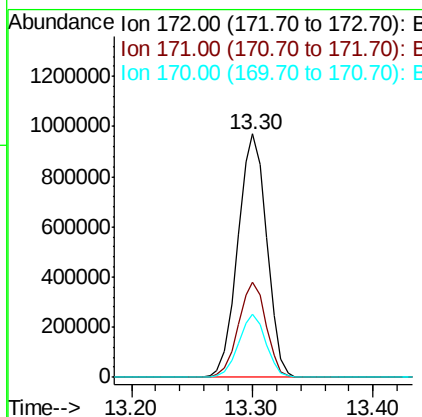
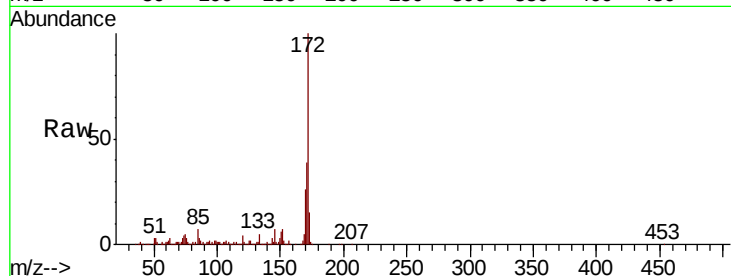
#45
2-Fluorobiphenyl
Concen: 101.769 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	28.7	43.1
170	26.0	19.0	28.6

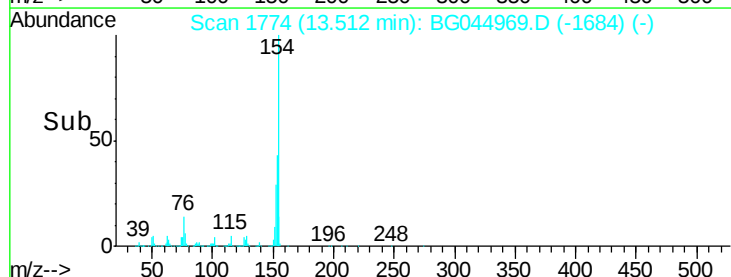
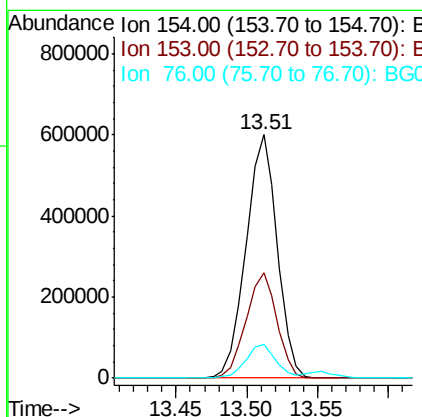
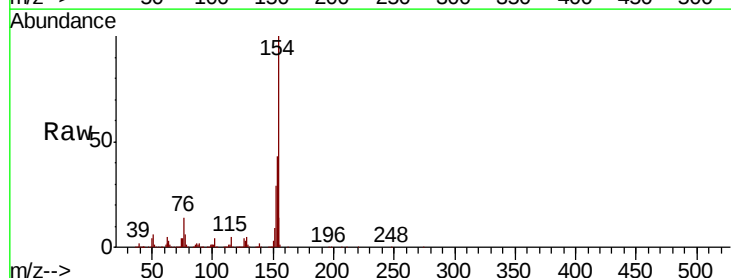
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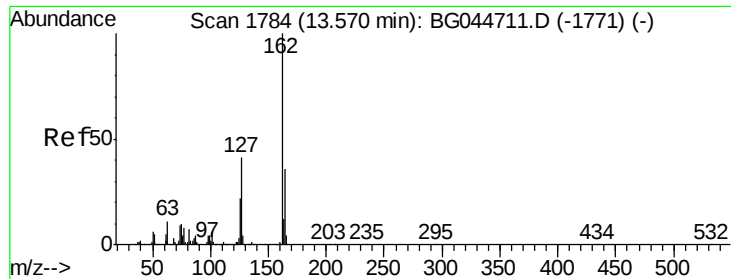
mohammad
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#46
1,1'-Biphenyl
Concen: 51.201 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.5	22.9	62.9
76	13.7	0.0	34.6





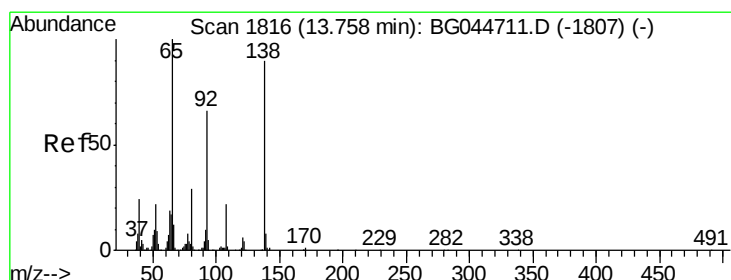
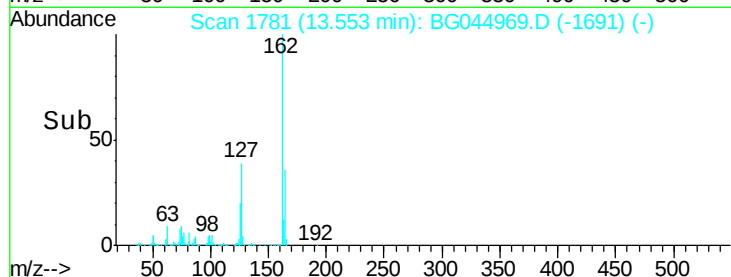
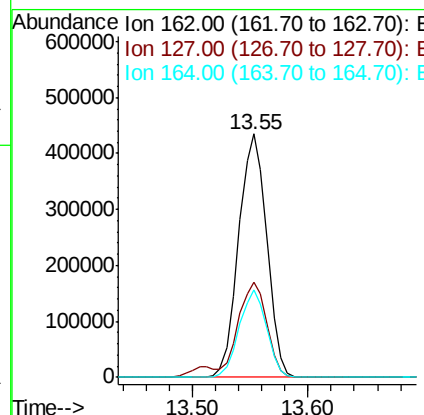
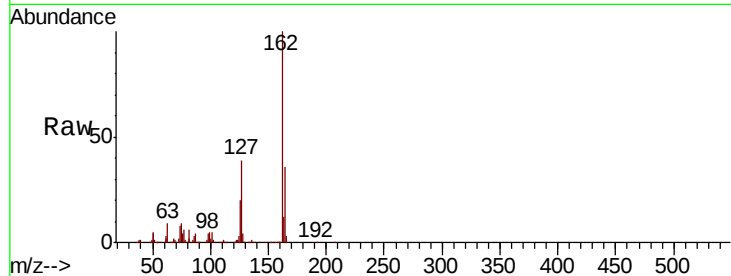
#47
 2-Chloronaphthalene
 Concen: 52.879 ng
 RT: 13.55 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Tot Ion:	162	Resp:	731363
Ion Ratio	Lower	Upper	
162	100		
127	39.0	33.1	49.7
164	36.2	27.4	41.2

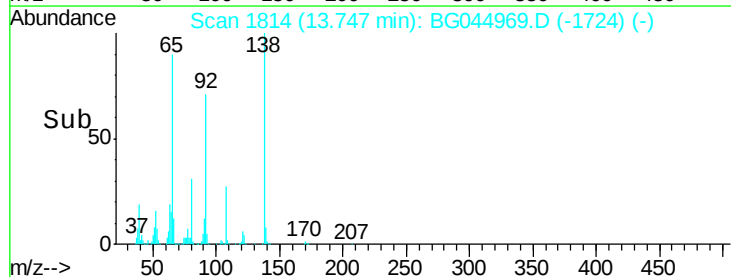
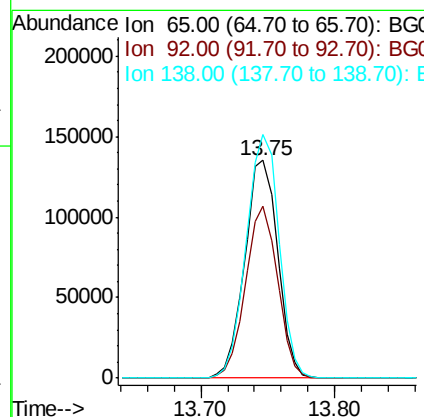
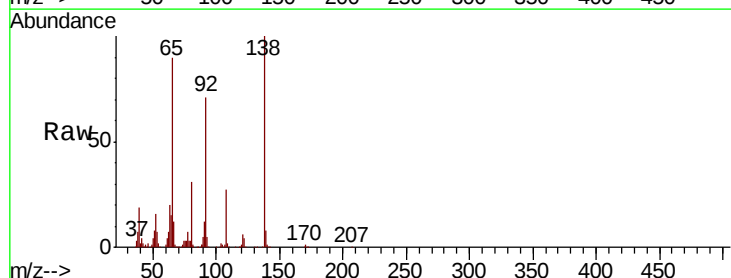
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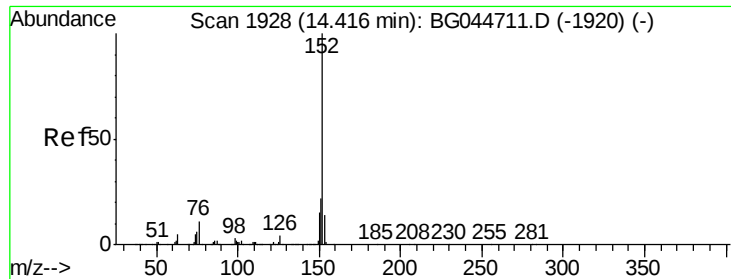
mohammad
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#48
 2-Nitroaniline
 Concen: 47.943 ng
 RT: 13.75 min Scan# 1814
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Tgt Ion:	65	Resp:	232145
Ion Ratio	Lower	Upper	
65	100		
92	78.8	52.6	79.0
138	111.7	78.3	117.5





#49

Acenaphthylene

Concen: 55.968 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

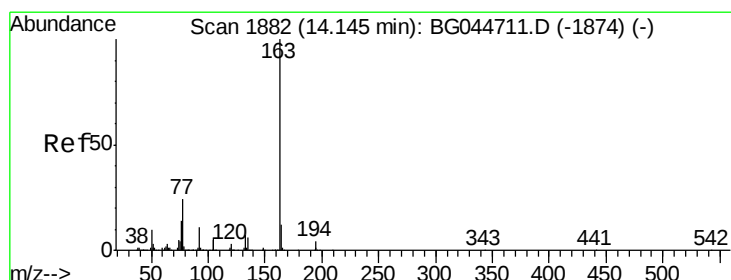
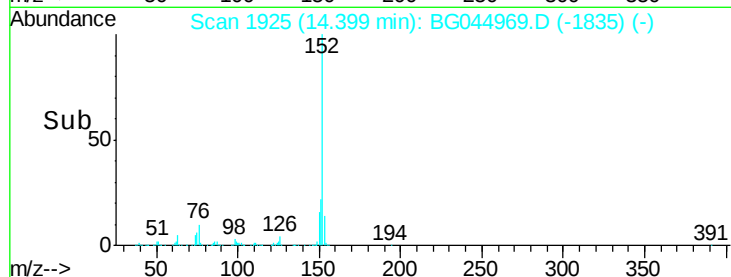
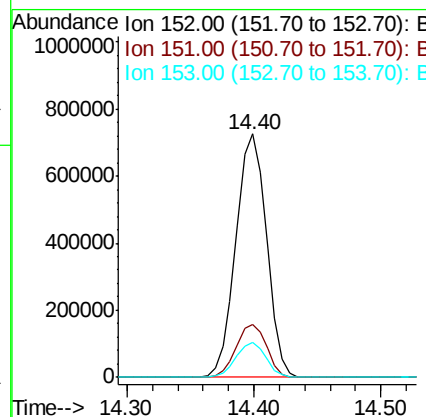
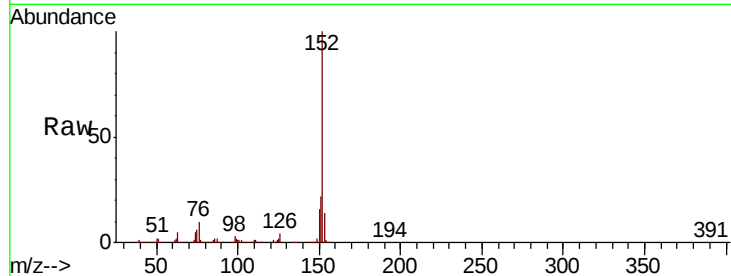
ClientSampleId :

TR-05-040320MSD

Tot Ion:	152	Resp:	1212716
Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	14.1	10.8	16.2

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#50

Dimethylphthalate

Concen: 58.583 ng

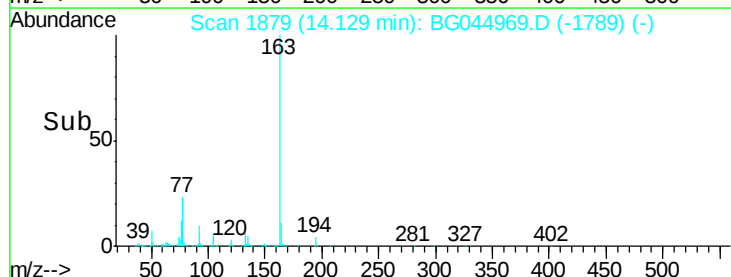
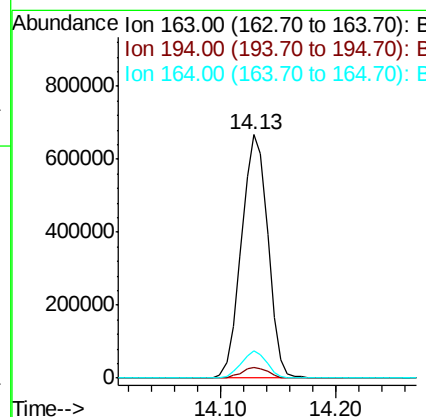
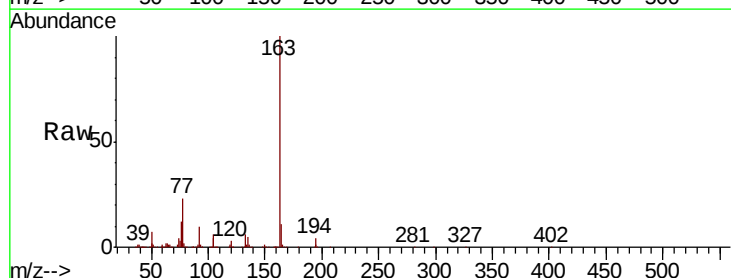
RT: 14.13 min Scan# 1879

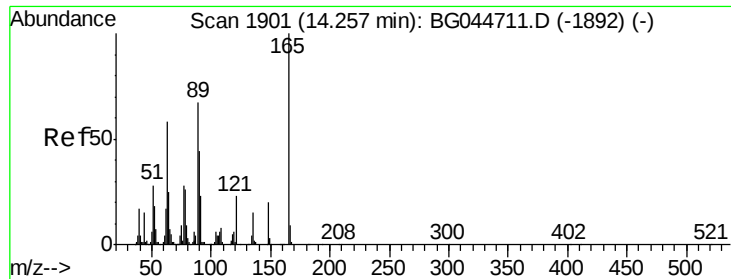
Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	163	Resp:	1057120
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.7	5.5
164	11.2	9.1	13.7





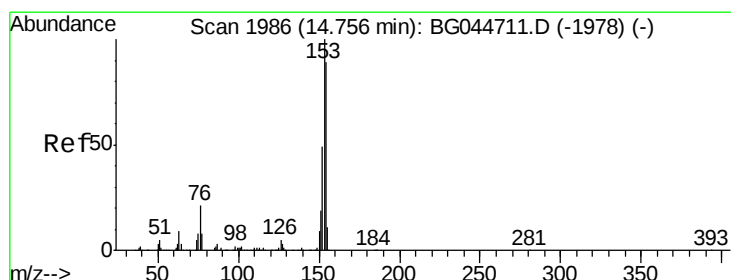
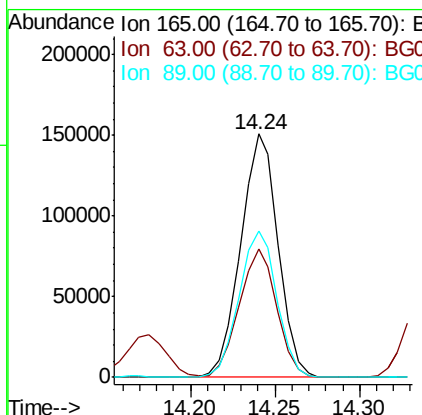
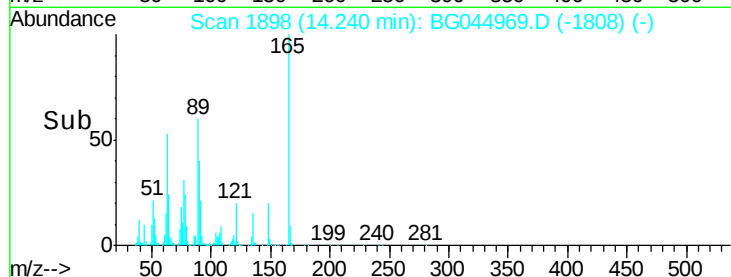
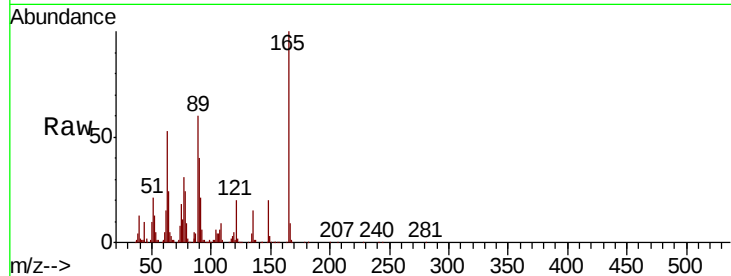
#51
 2,6-Dinitrotoluene
 Concen: 63.542 ng
 RT: 14.24 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Instrument :
 BNA_G
 ClientSampleId :
 TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.9	45.8	68.8
89	60.0	51.8	77.6

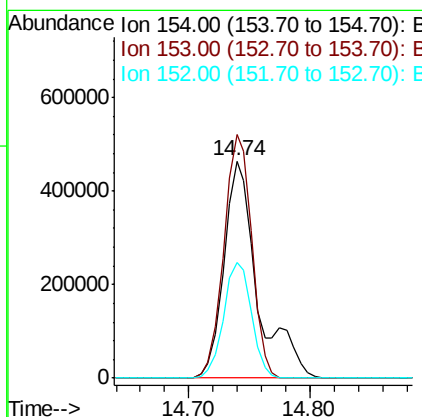
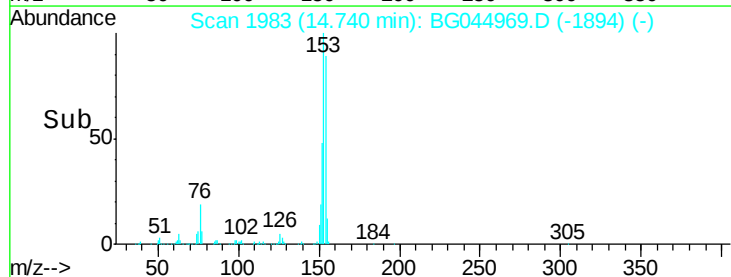
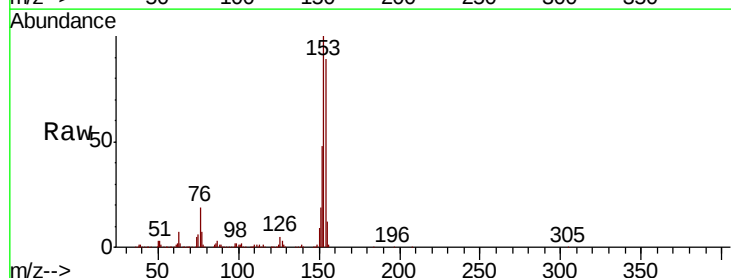
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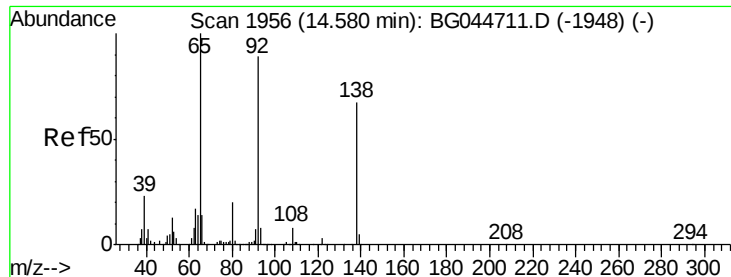
mohammad
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#52
 Acenaphthene
 Concen: 63.215 ng m
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG044969.D
 Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.3	89.0	133.6
152	53.5	43.0	64.6





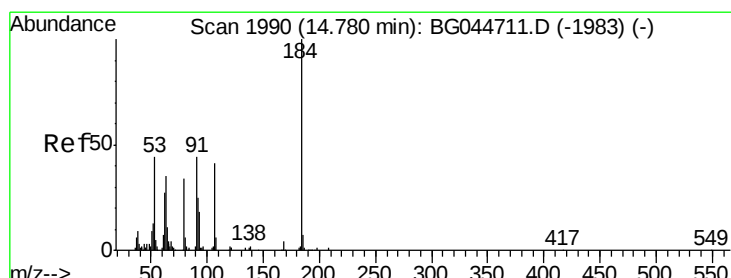
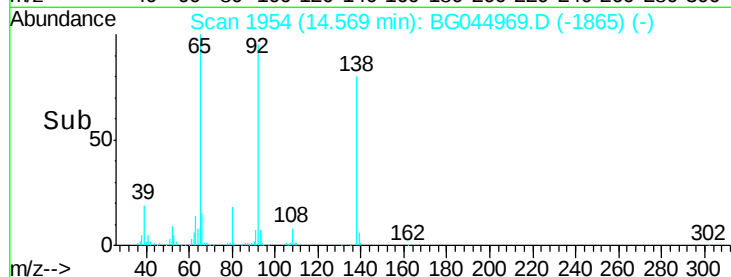
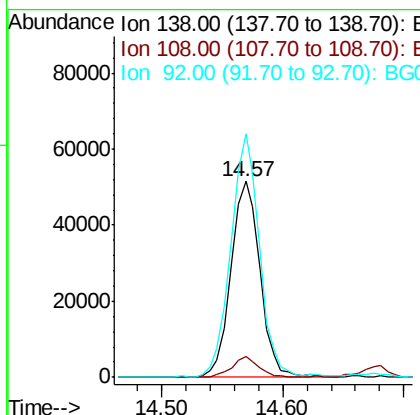
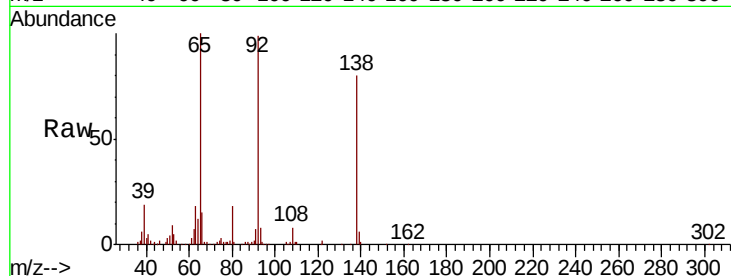
#53
3-Nitroaniline
Concen: 20.753 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.0	13.4
92	124.3	96.8	145.2

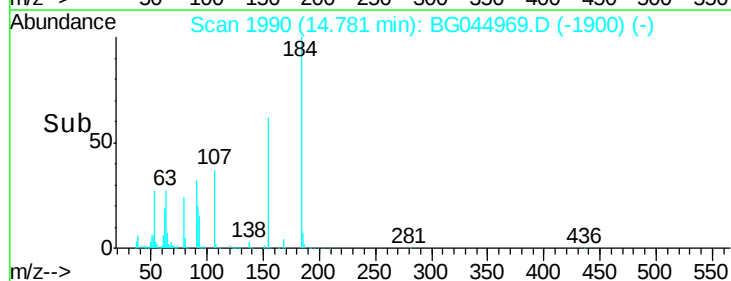
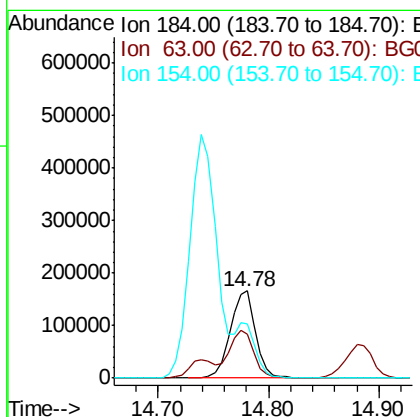
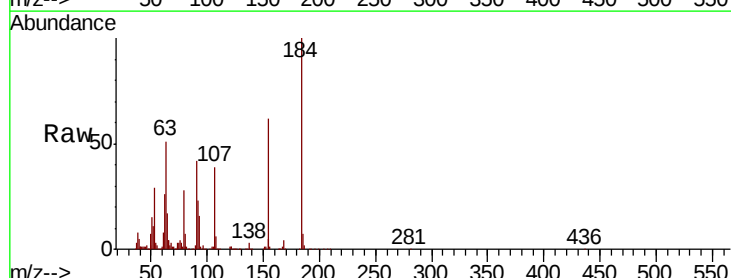
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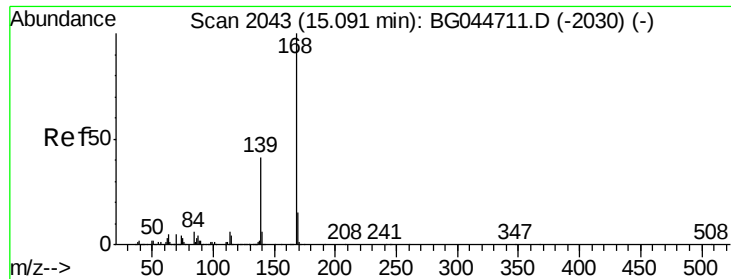
mohammad
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#54
2,4-Dinitrophenol
Concen: 134.598 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.7	45.5	68.3
154	61.8	49.1	73.7





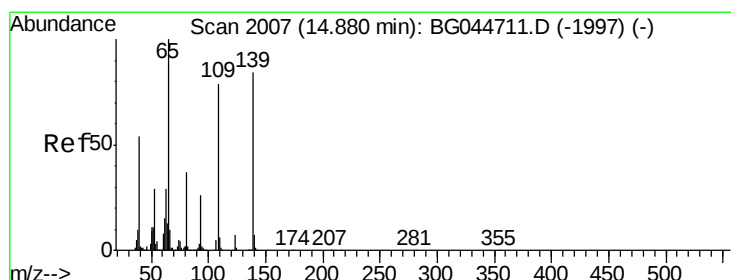
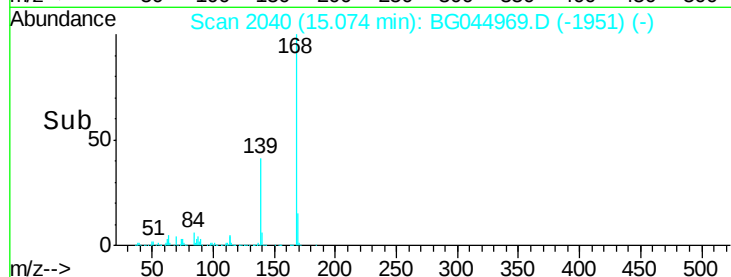
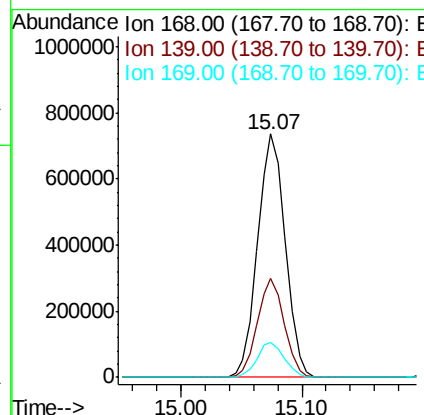
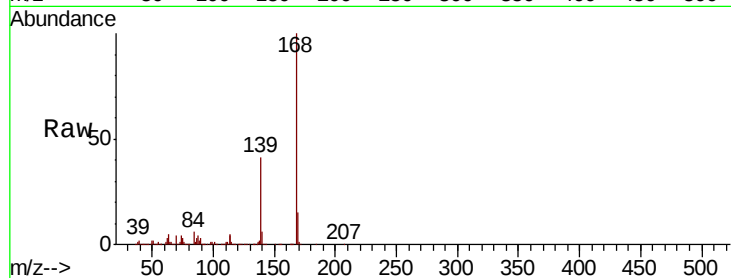
#55
Dibenzofuran
Concen: 56.858 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	31.4	47.0
169	14.6	11.1	16.7

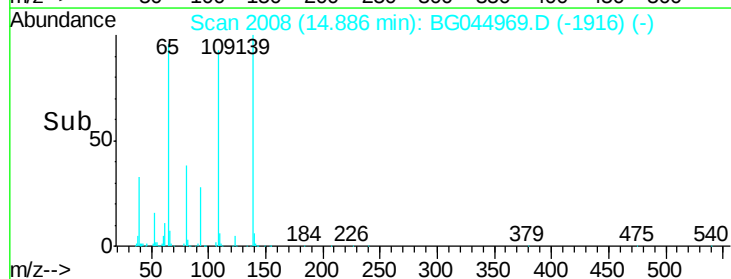
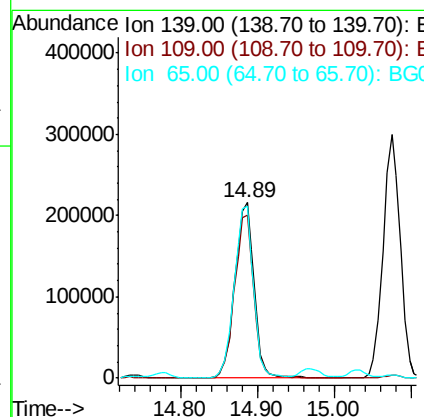
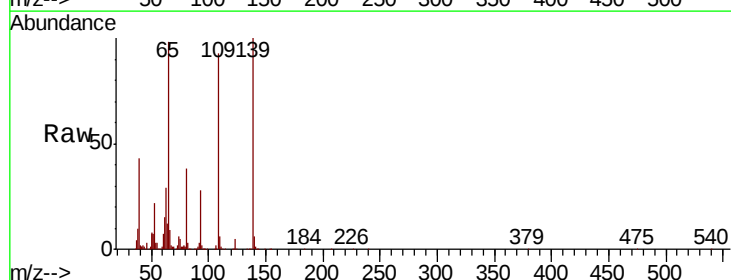
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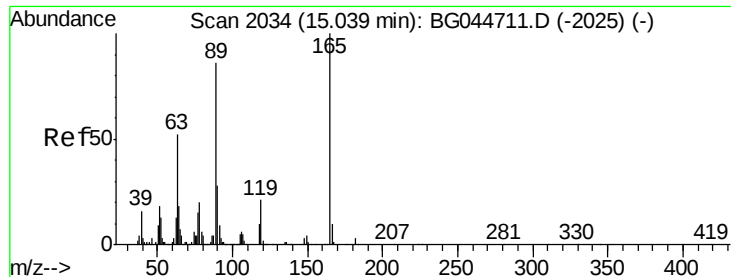
mohammad
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#56
4-Nitrophenol
Concen: 118.940 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	92.7	68.8	108.8
65	97.7	92.5	132.5





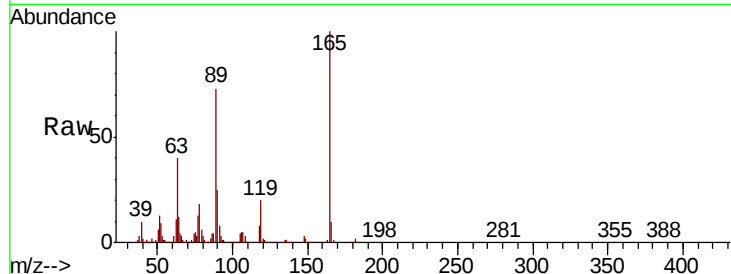
#57
2,4-Dinitrotoluene
Concen: 67.066 ng
RT: 15.03 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

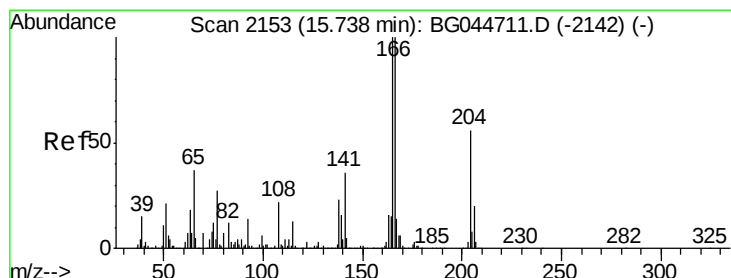
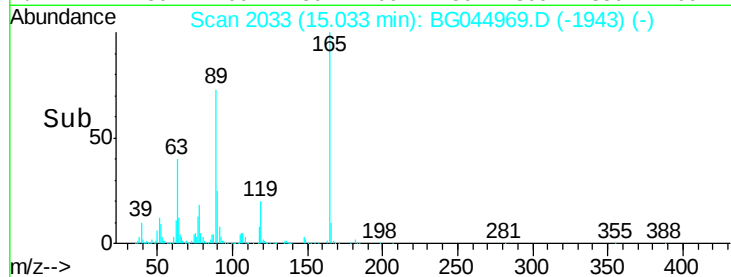
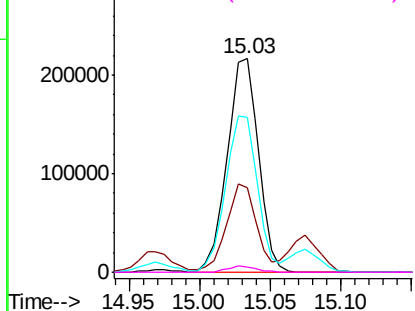
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		334558		
63	39.6		34.6	52.0	
89	72.6		61.3	91.9	
182	2.4		2.2	3.2	

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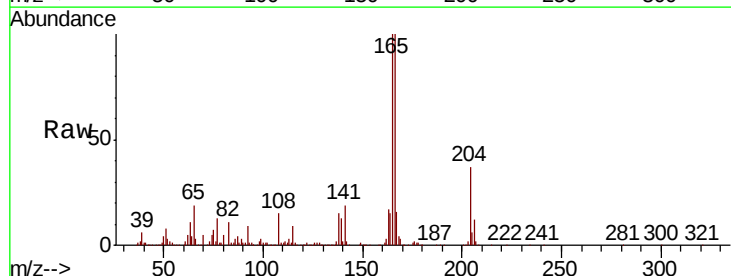


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

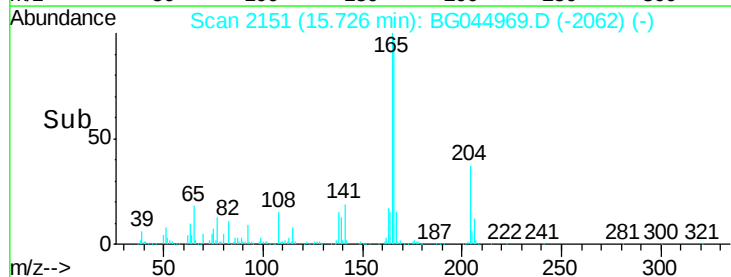
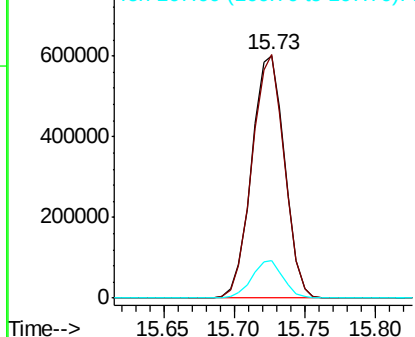


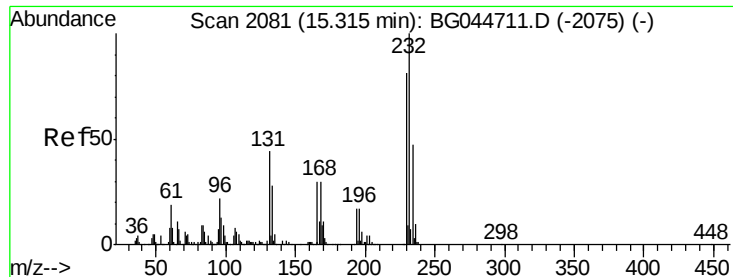
#58
Fluorene
Concen: 58.278 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		986518		
165	100.4		79.7	119.5	
167	15.6		10.6	16.0	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





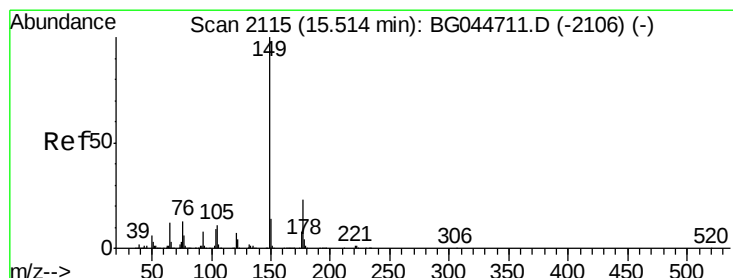
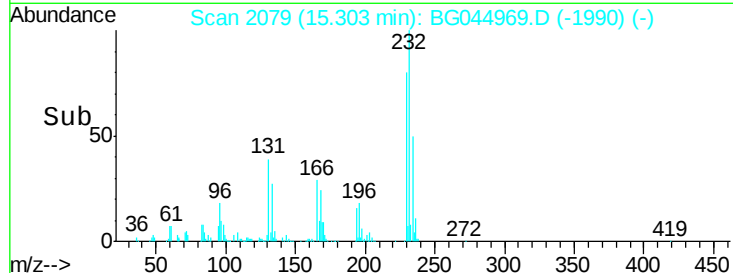
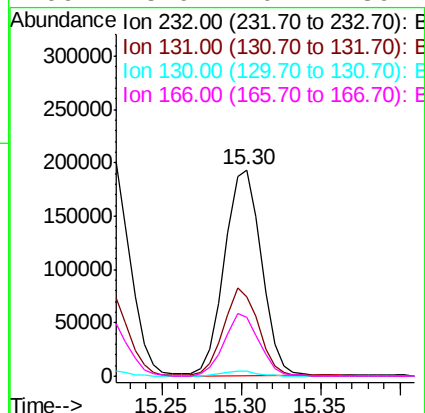
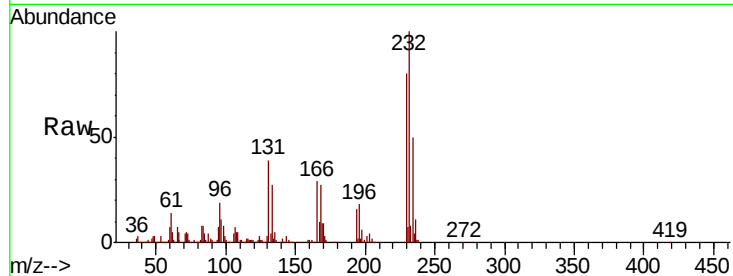
#59
2,3,4,6-Tetrachlorophenol
Concen: 66.026 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		312167		
131	40.0		31.8	47.8	
130	2.4		2.2	3.2	
166	28.9		20.2	30.2	

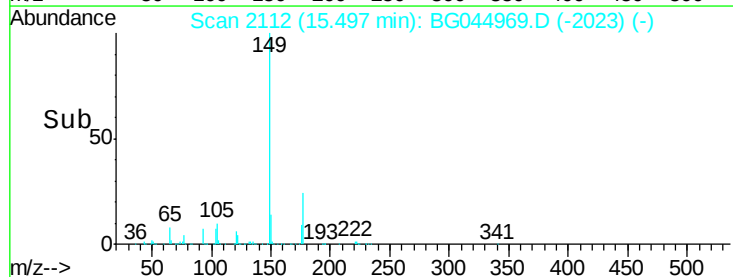
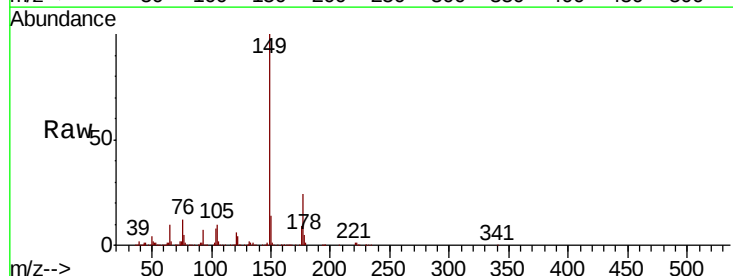
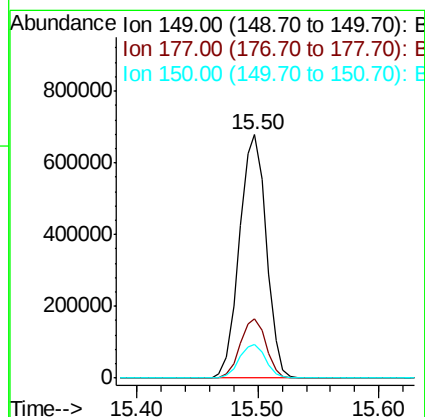
Manual Integrations
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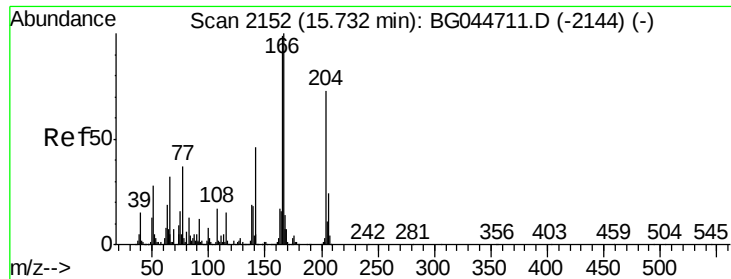
mohammad
4/8/2020 8:14:12 AM



#60
Diethylphthalate
Concen: 55.839 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1050920		
177	24.1		19.3	28.9	
150	13.6		11.0	16.6	





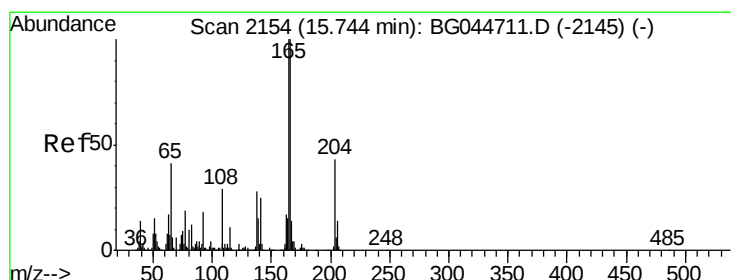
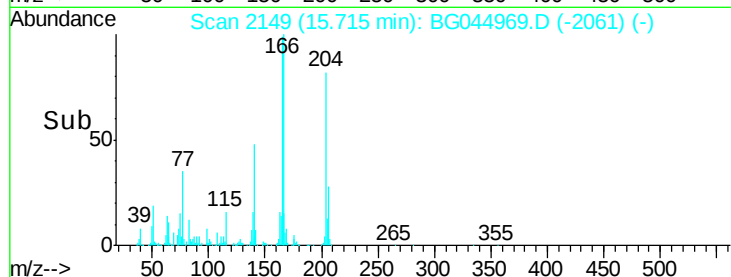
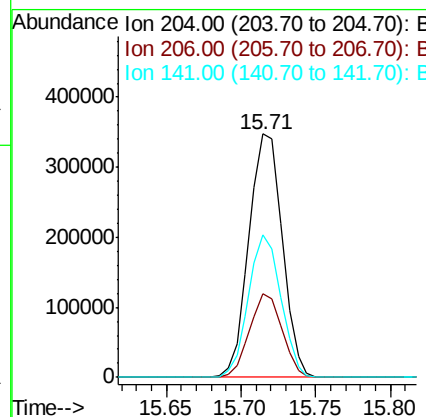
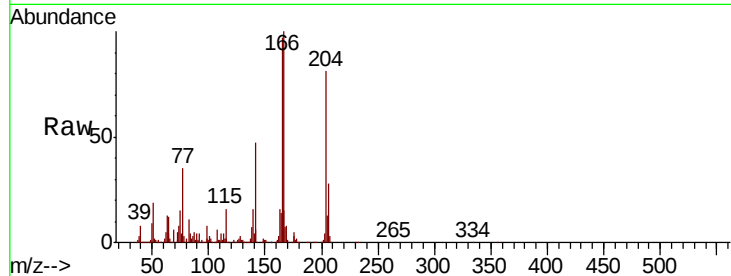
#61
4-Chlorophenyl-phenylether
Concen: 58.967 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	26.2	39.2
141	58.6	47.7	71.5

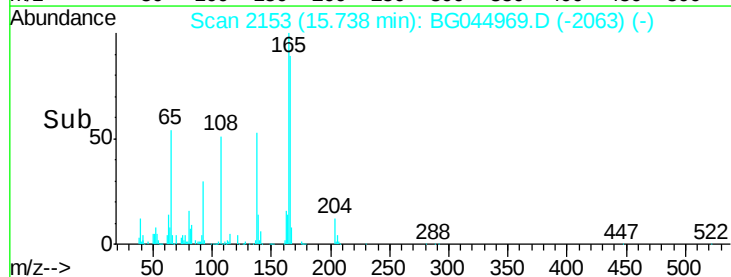
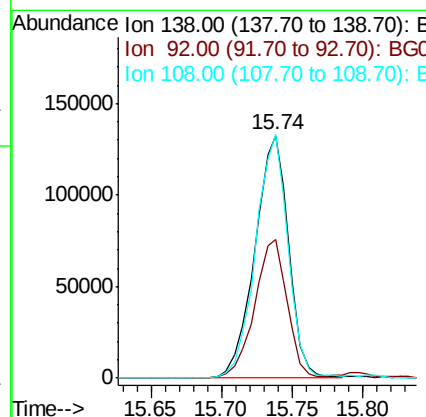
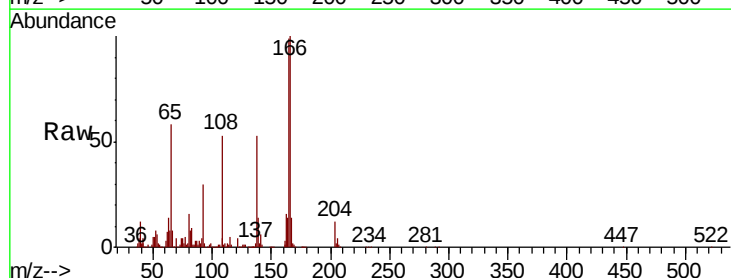
Manual Integrations
APPROVED

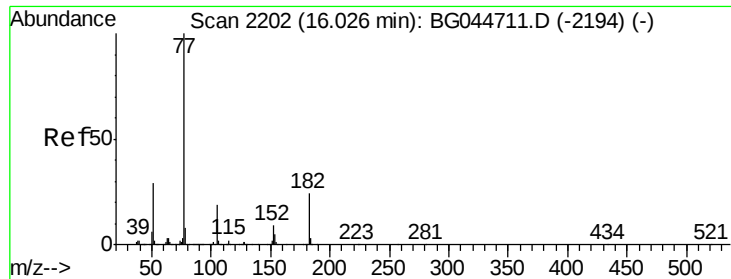
mohammad
4/8/2020 8:14:12 AM



#62
4-Nitroaniline
Concen: 49.735 ng
RT: 15.74 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	34.5	74.5
108	100.3	74.5	114.5





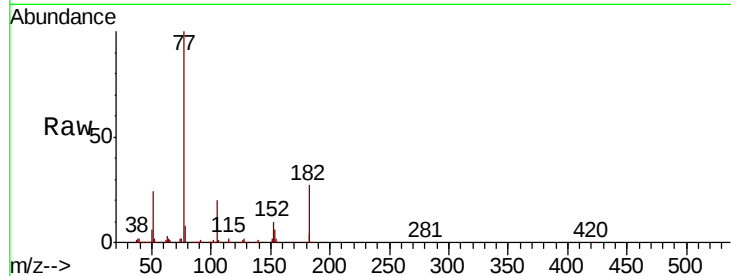
#63
Azobenzene
Concen: 51.864 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

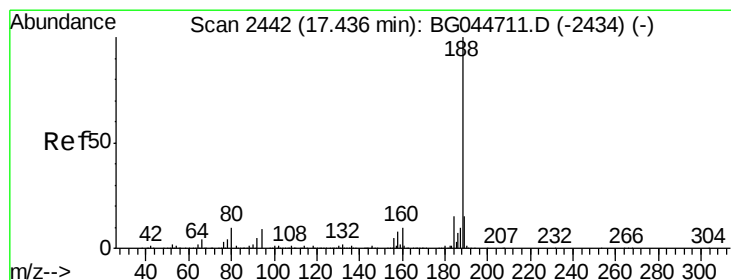
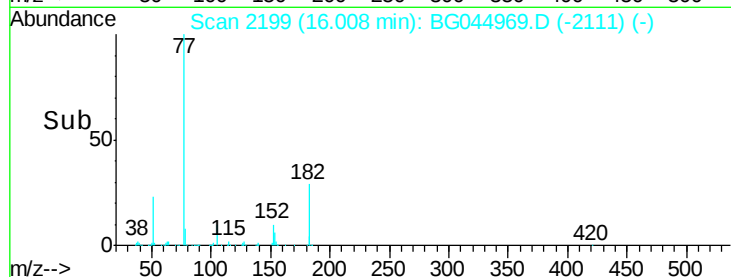
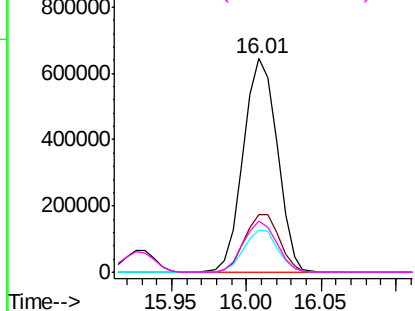
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.2	6.4	46.4	
105	19.9	0.0	39.1	
51	23.9	7.3	47.3	

Manual Integrations
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4/8/2020 8:14:12 AM



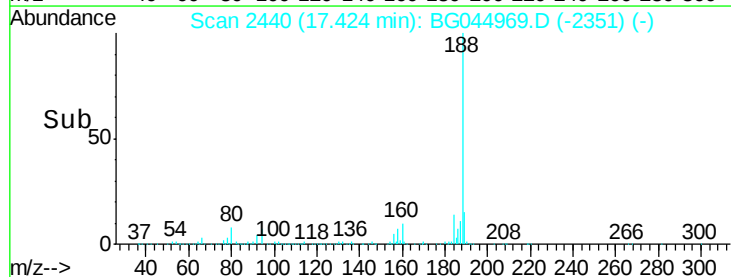
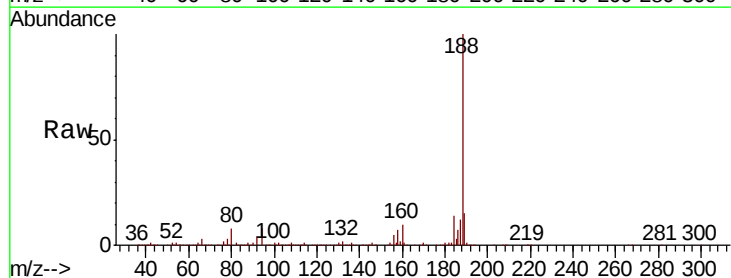
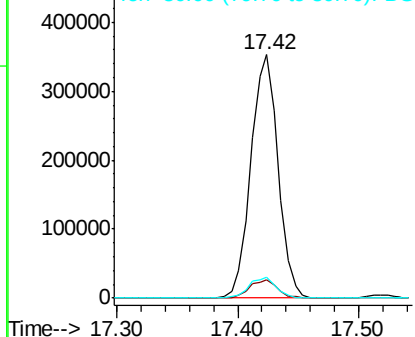
Abundance Ion 77.00 (76.70 to 77.70): BGC
1000000
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

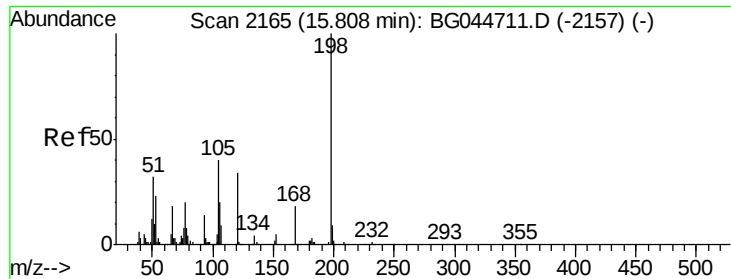


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.5	7.3	10.9	
80	8.4	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: 72.721 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MSD

Tot Ion:198 Resp: 200863

Ion Ratio Lower Upper

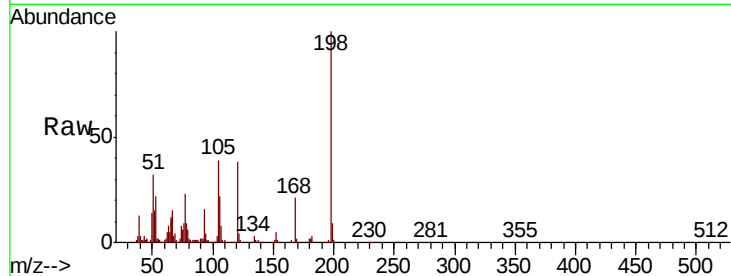
198 100

51 32.1 21.1 61.1

105 38.8 24.5 64.5

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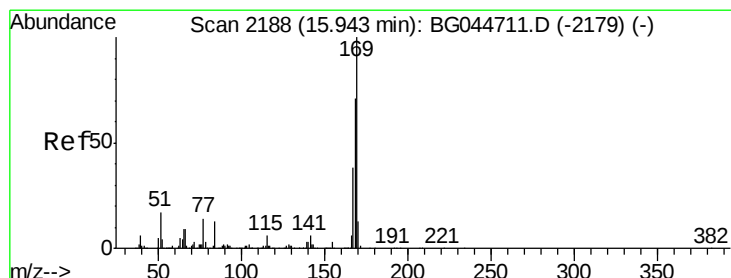
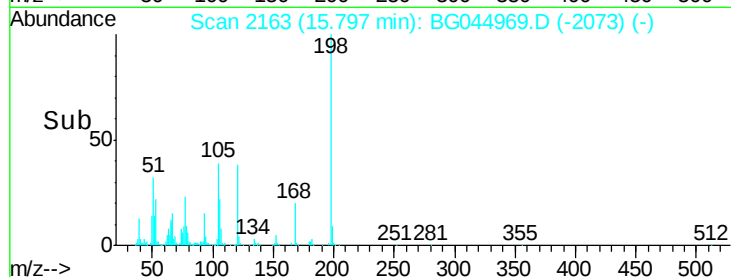
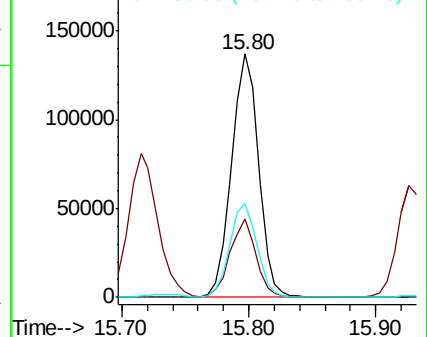
mohammad
4/8/2020 8:14:12 AM



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: 51.533 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

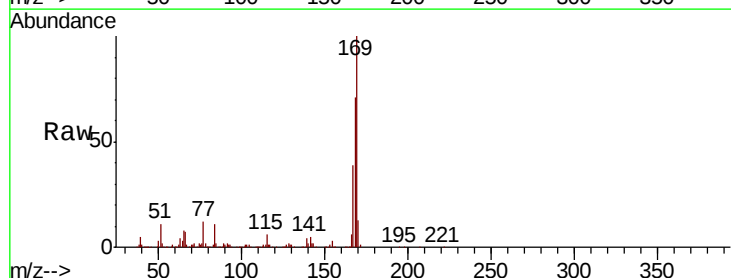
Tgt Ion:169 Resp: 854896

Ion Ratio Lower Upper

169 100

168 71.3 55.4 83.2

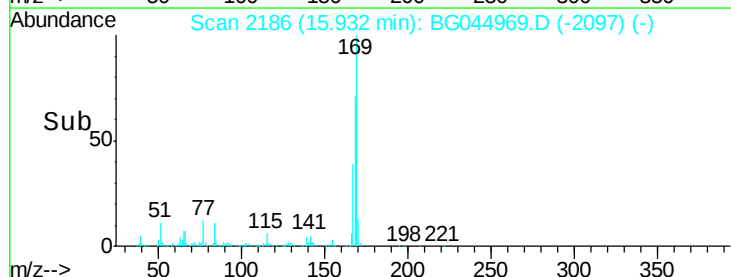
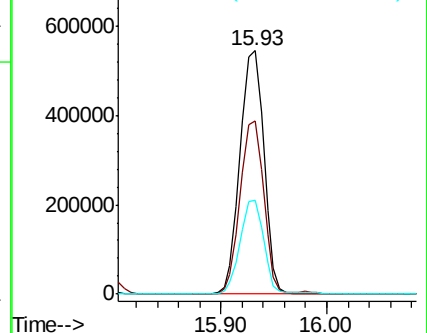
167 38.8 30.1 45.1

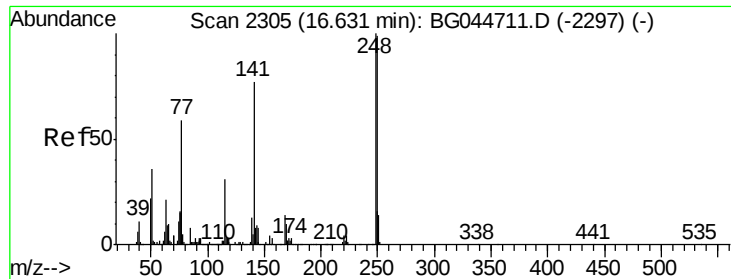


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





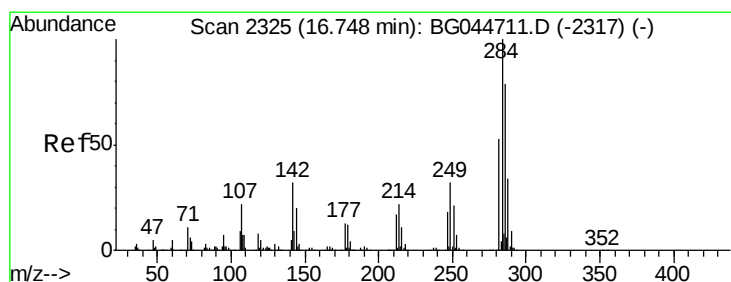
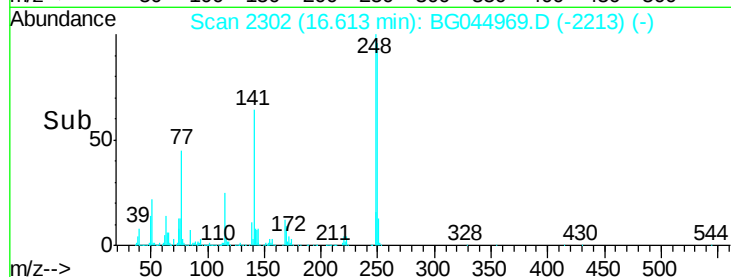
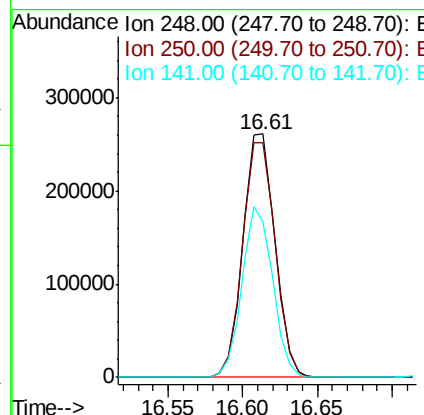
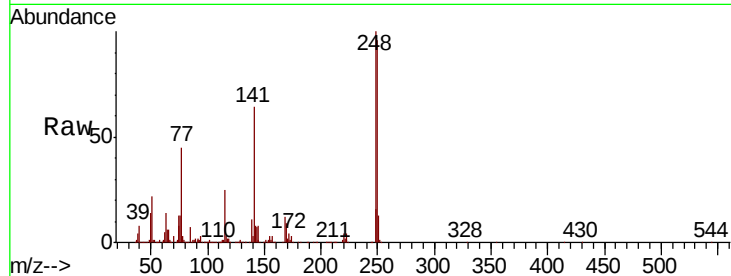
#67
4-Bromophenyl-phenylether
Concen: 56.276 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.9	116.9
141	63.9	57.5	86.3

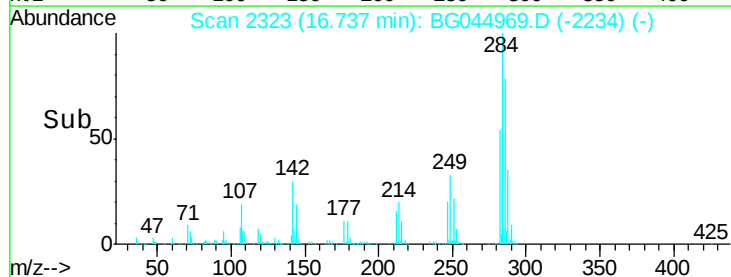
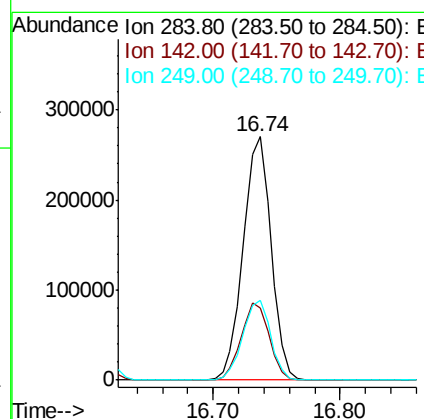
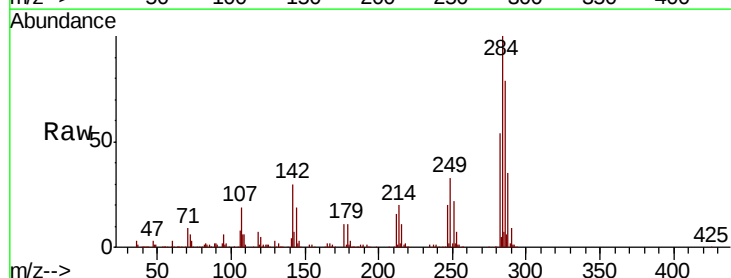
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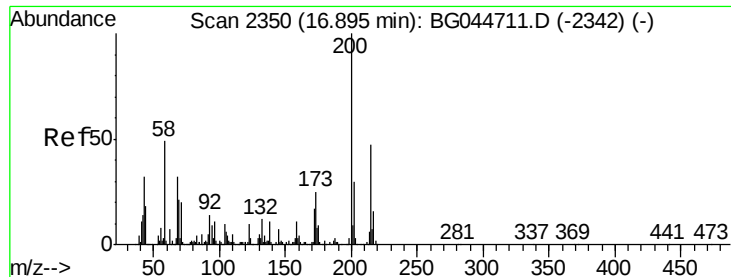
mohammad
4/8/2020 8:14:12 AM



#68
Hexachlorobenzene
Concen: 55.163 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.6	25.0	37.6
249	33.0	25.8	38.8





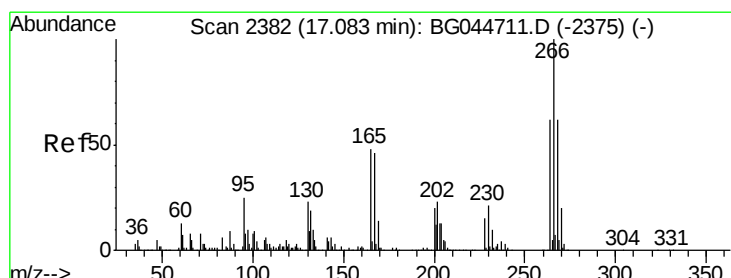
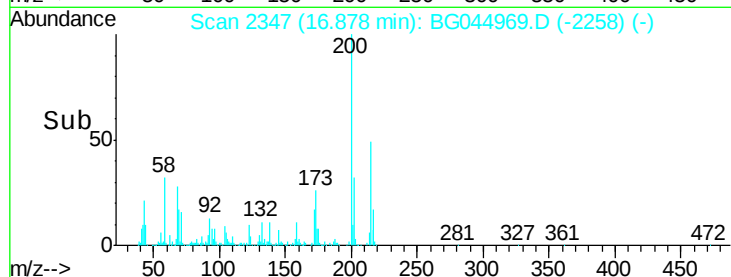
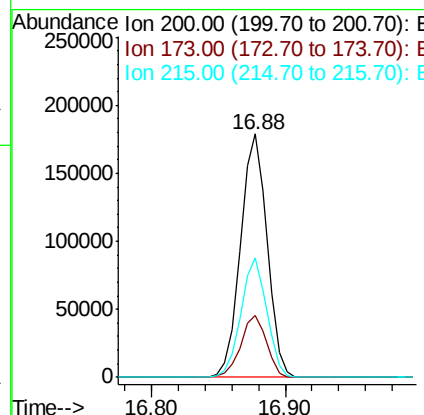
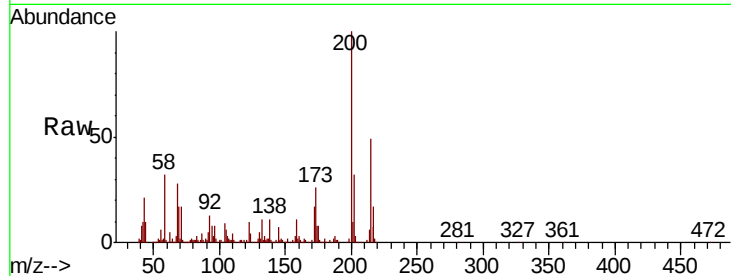
#69
Atrazine
Concen: 40.477 ng
RT: 16.88 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	246014		
173	25.5	5.3	45.3	
215	49.2	28.9	68.9	

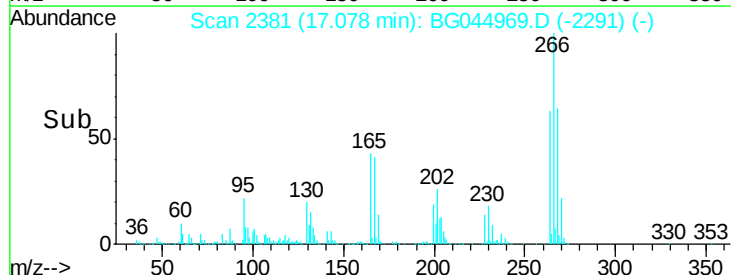
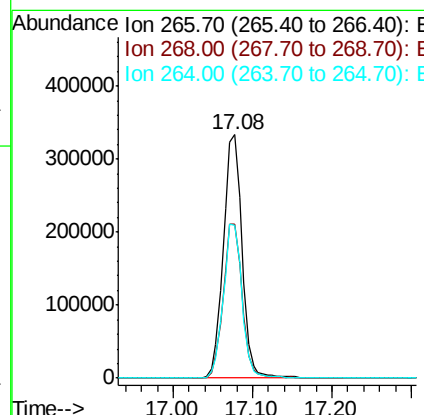
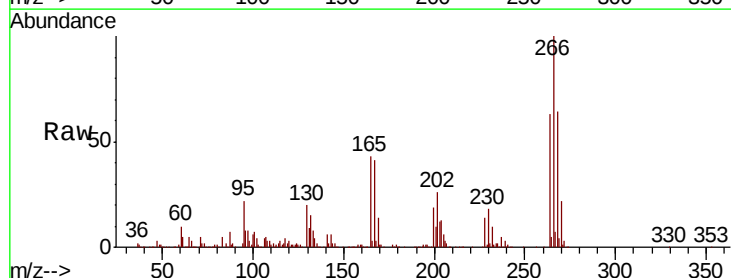
Manual Integrations
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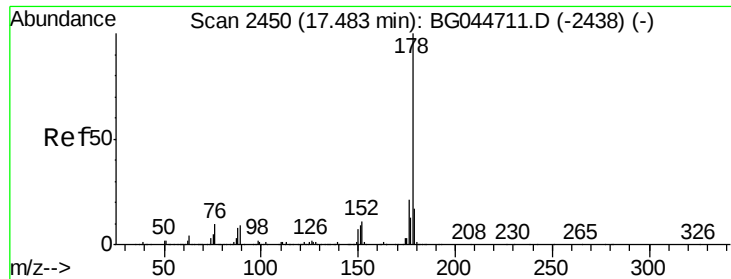
mohammad
4/8/2020 8:14:12 AM



#70
Pentachlorophenol
Concen: 133.380 ng
RT: 17.08 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	548437		
268	63.5	50.3	75.5	
264	62.7	51.4	77.2	





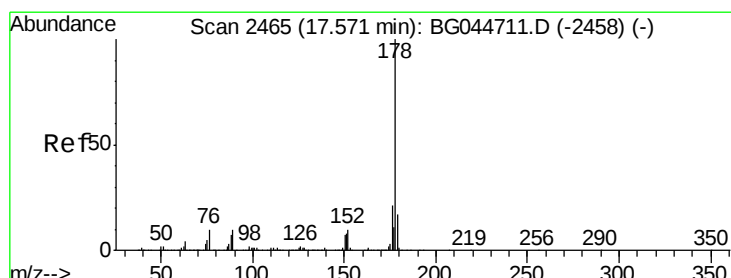
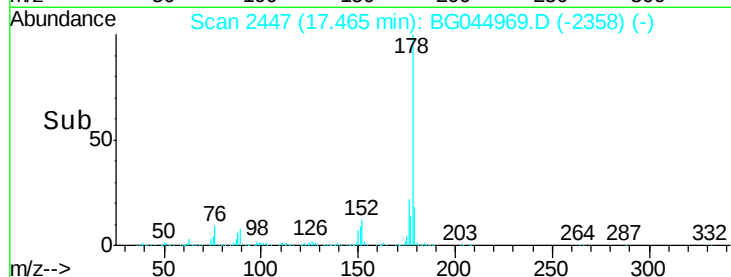
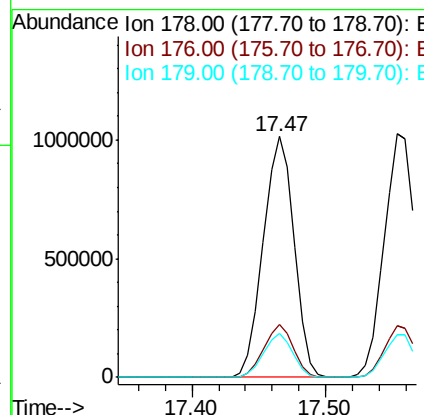
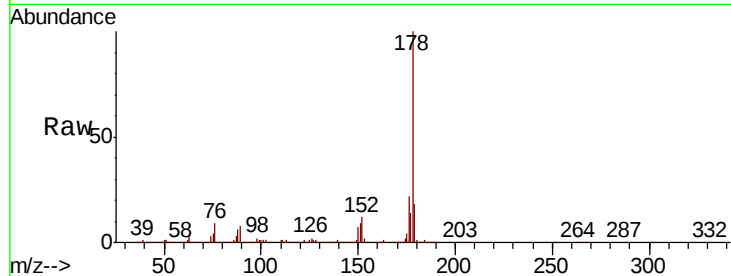
#71
Phenanthrene
Concen: 55.148 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.00 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion:178 Resp: 1623825
Ion Ratio Lower Upper
178 100
176 22.0 16.6 24.8
179 18.0 13.5 20.3

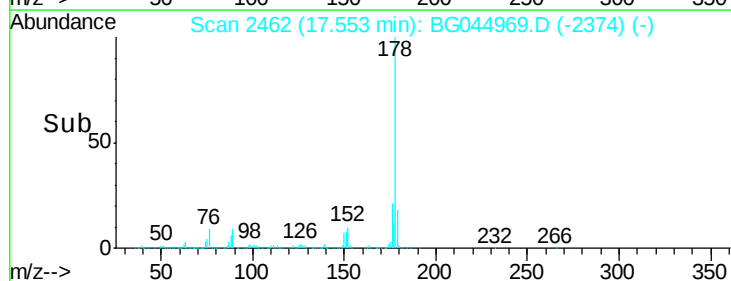
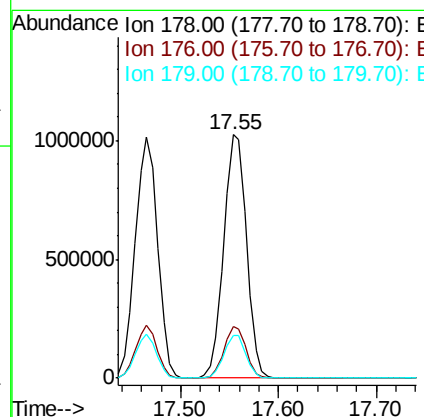
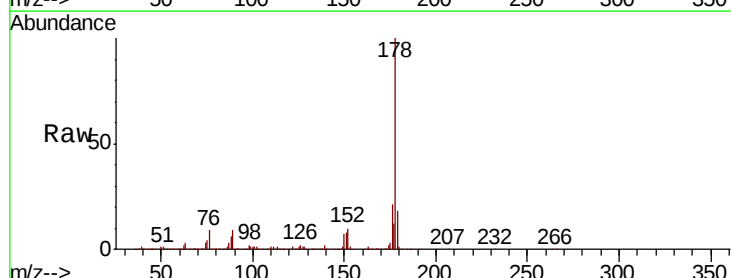
Manual Integrations
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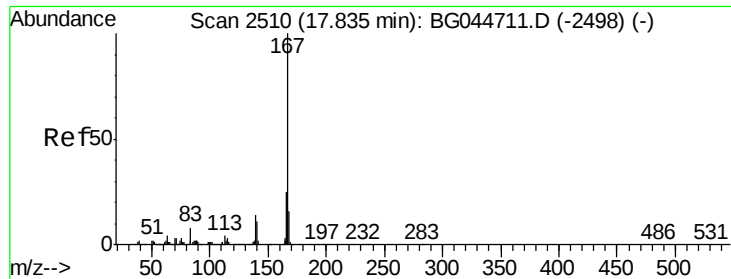
mohammad
4/8/2020 8:14:12 AM



#72
Anthracene
Concen: 57.140 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion:178 Resp: 1659021
Ion Ratio Lower Upper
178 100
176 21.0 15.9 23.9
179 17.5 13.2 19.8





#73

Carbazole

Concen: 54.162 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MSD

Tot Ion:167 Resp: 1510569

Ion Ratio Lower Upper

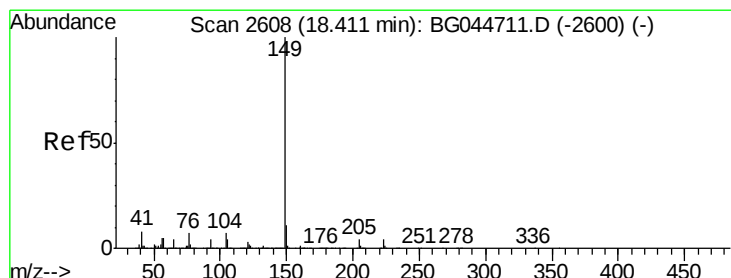
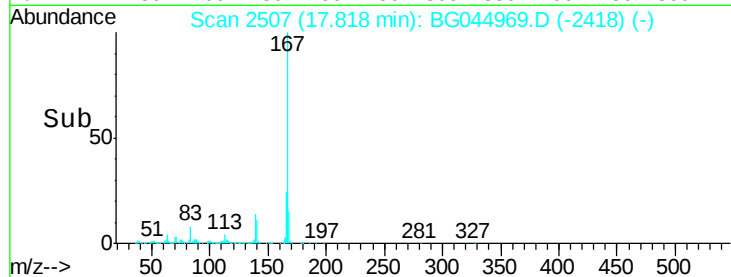
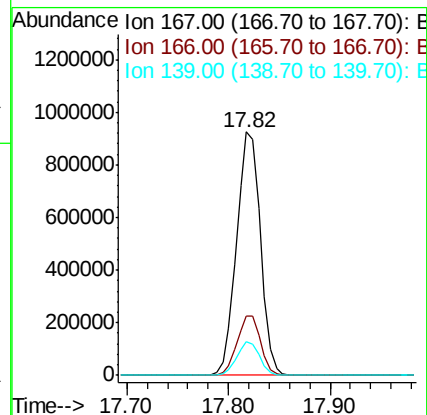
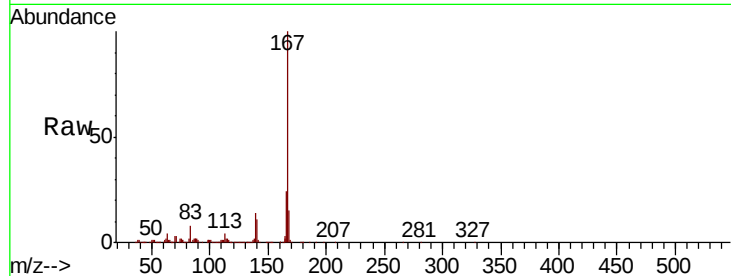
167 100

166 24.3 18.8 28.2

139 14.0 10.8 16.2

Manual Integrations
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mohammad
4/8/2020 8:14:12 AM



#74

Di-n-butylphthalate

Concen: 53.914 ng

RT: 18.39 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

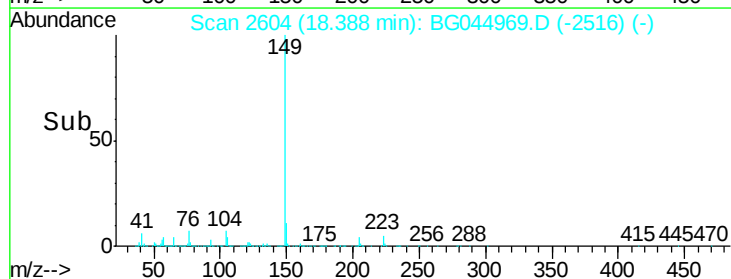
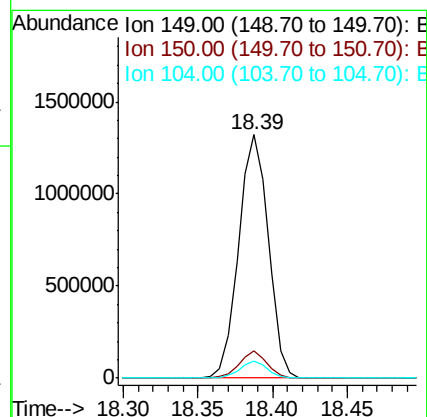
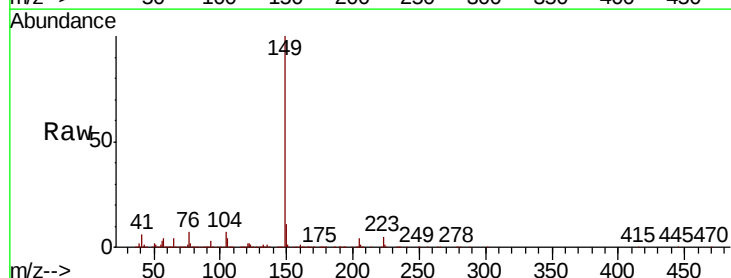
Tgt Ion:149 Resp: 1827856

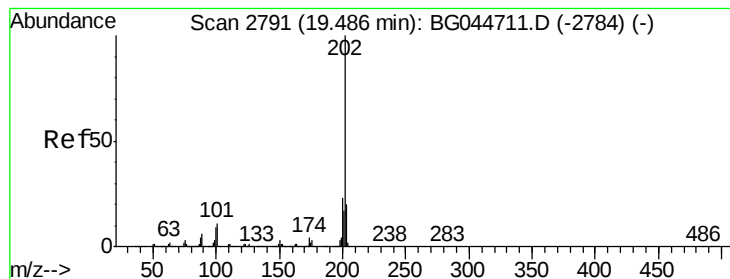
Ion Ratio Lower Upper

149 100

150 11.1 8.1 12.1

104 6.9 5.0 7.4





#75

Fluoranthene

Concen: 57.691 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

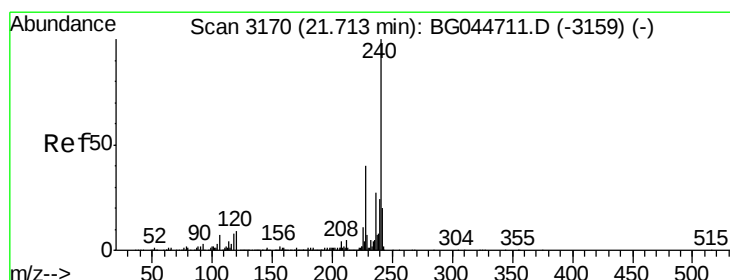
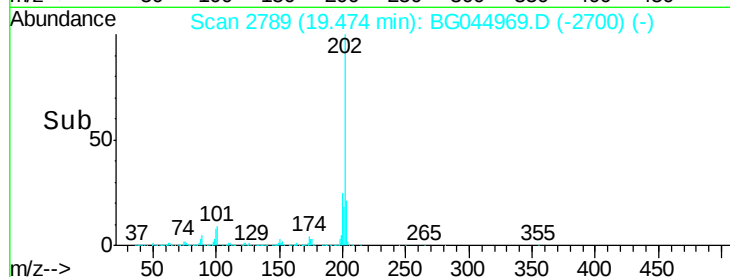
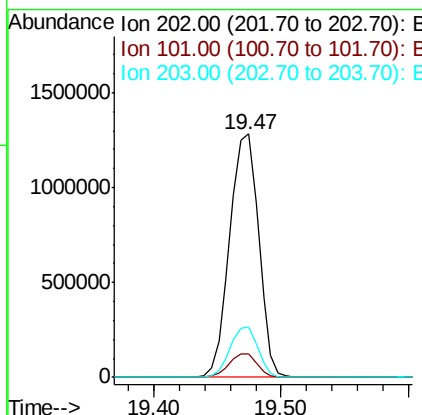
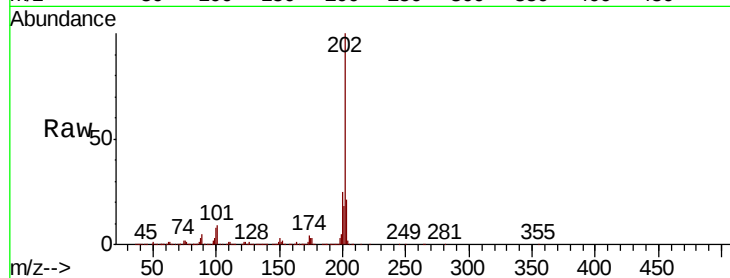
ClientSampleId :

TR-05-040320MSD

Tot Ion:	202	Resp:	2022617
Ion Ratio	Lower	Upper	
202	100		
101	9.5	0.0	29.8
203	20.8	0.0	39.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

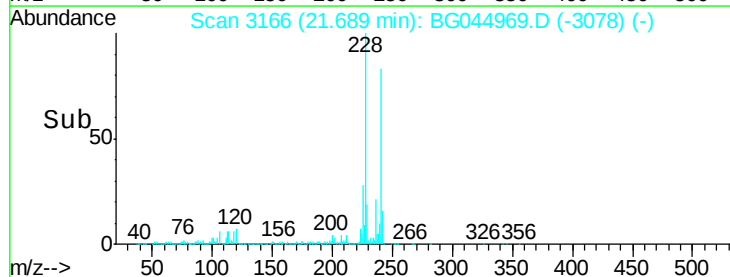
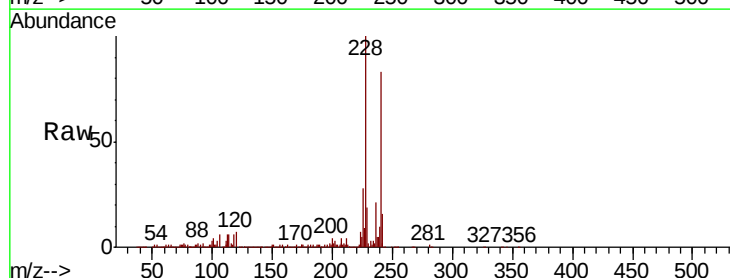
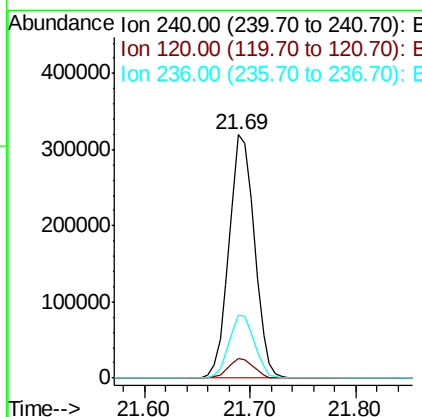
RT: 21.69 min Scan# 3166

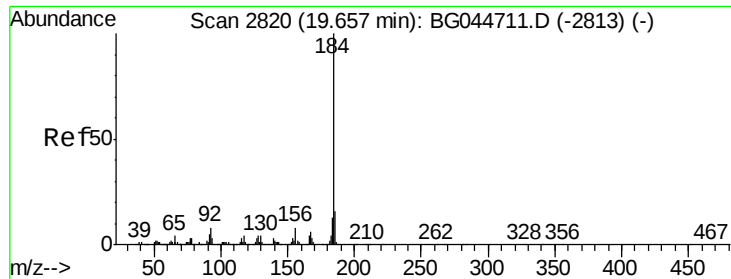
Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	240	Resp:	530085
Ion Ratio	Lower	Upper	
240	100		
120	8.2	6.7	10.1
236	25.9	21.5	32.3





#77

Benzidine

Concen: 15.879 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

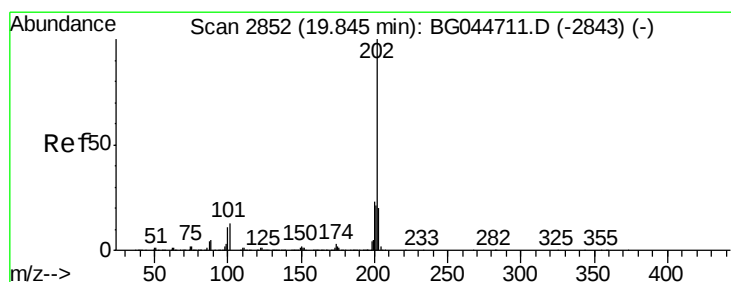
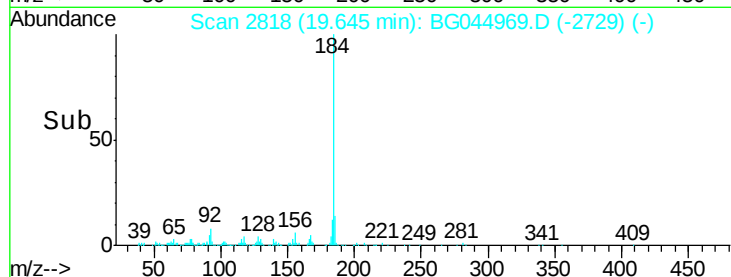
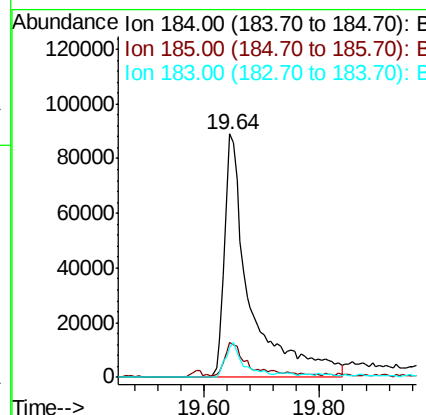
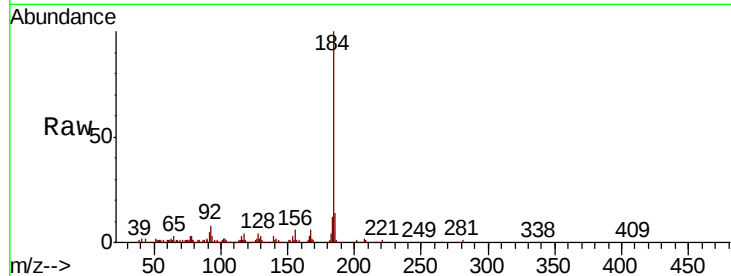
ClientSampleId :

TR-05-040320MSD

Tot Ion:	184	Resp:	273255
Ion Ratio		Lower	Upper
184	100		
185	14.3	12.2	18.4
183	12.4	10.7	16.1

Manual Integrations
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#78

Pyrene

Concen: 51.611 ng

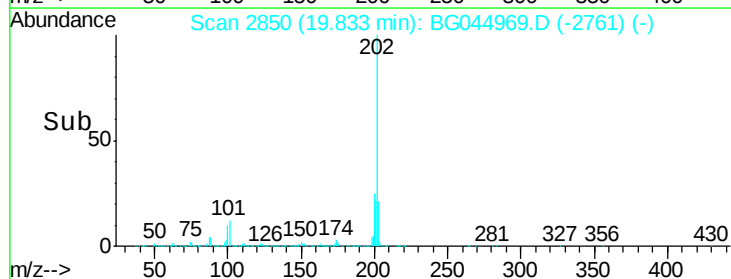
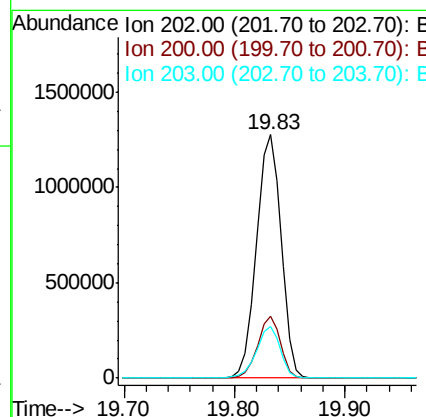
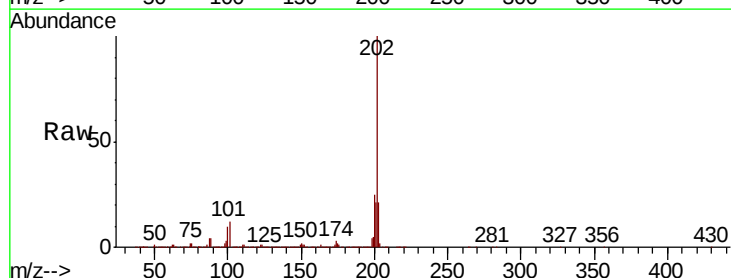
RT: 19.83 min Scan# 2850

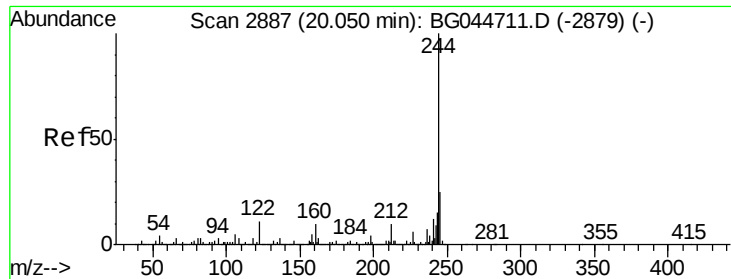
Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	202	Resp:	2007196
Ion Ratio		Lower	Upper
202	100		
200	25.3	18.3	27.5
203	20.9	15.6	23.4





#79

Terphenyl-d14

Concen: 94.927 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

ClientSampleId :

TR-05-040320MSD

Tot Ion:244 Resp: 2690095

Ion Ratio Lower Upper

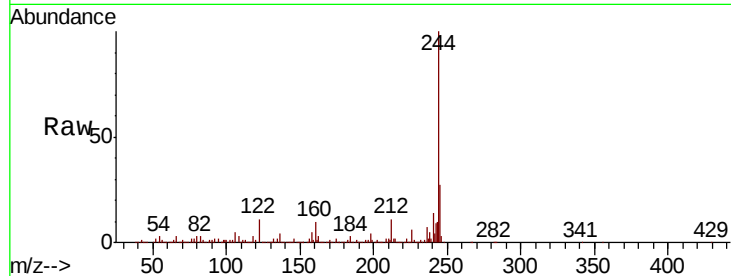
244 100

212 11.0 7.7 11.5

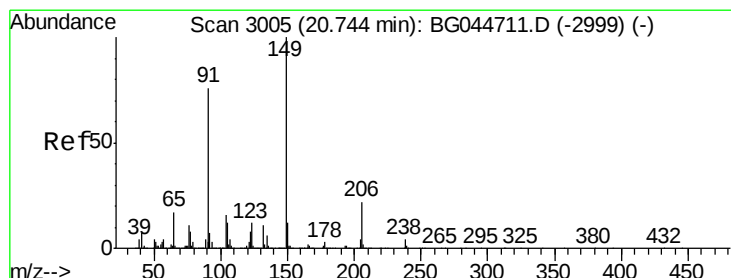
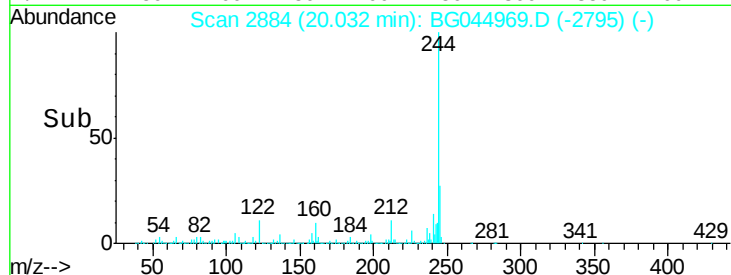
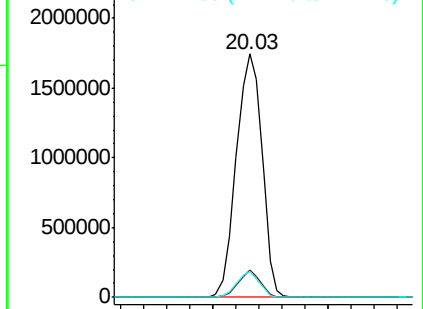
122 10.8 8.6 12.8

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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: 49.768 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

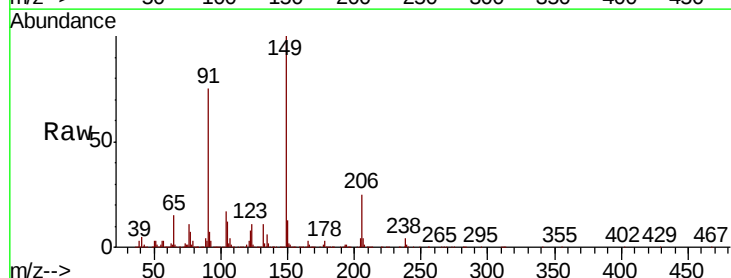
Tgt Ion:149 Resp: 861070

Ion Ratio Lower Upper

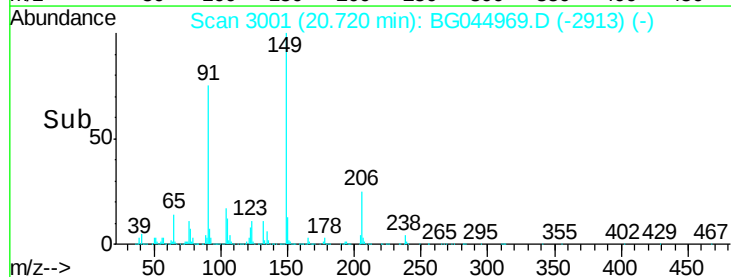
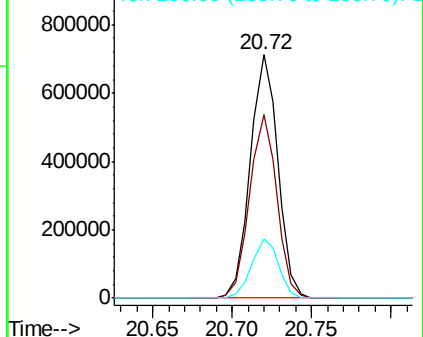
149 100

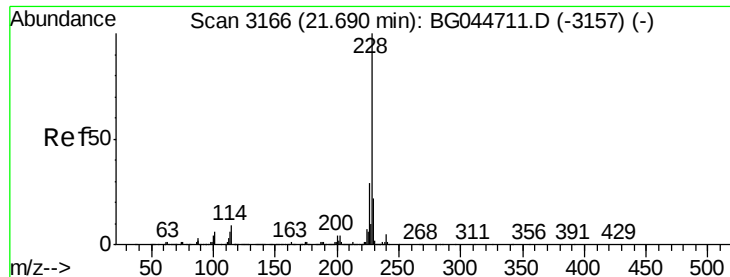
91 75.4 60.2 90.4

206 24.6 18.6 27.8



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: 51.272 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

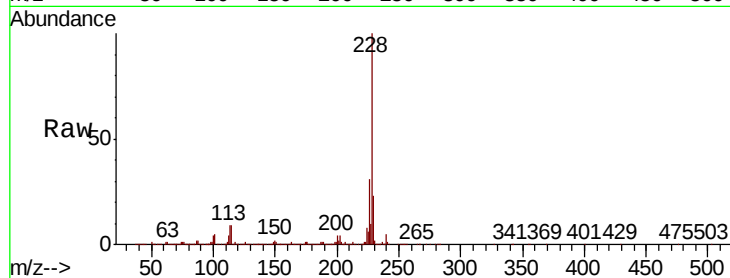
ClientSampleId :

TR-05-040320MSD

Tot Ion:	228	Resp:	1957067
Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.6	35.4
229	22.5	17.1	25.7

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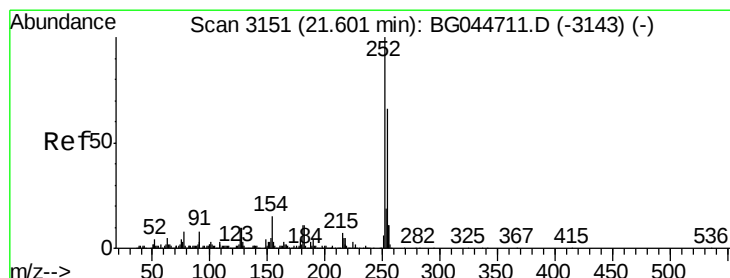
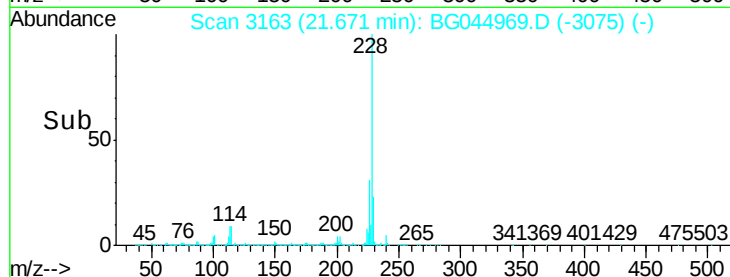
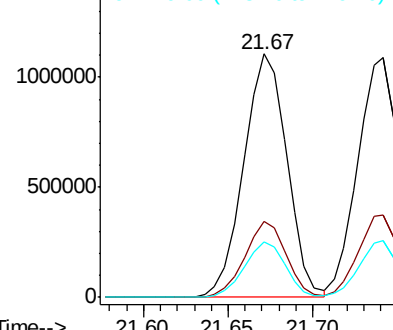


Abundance

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: 17.609 ng

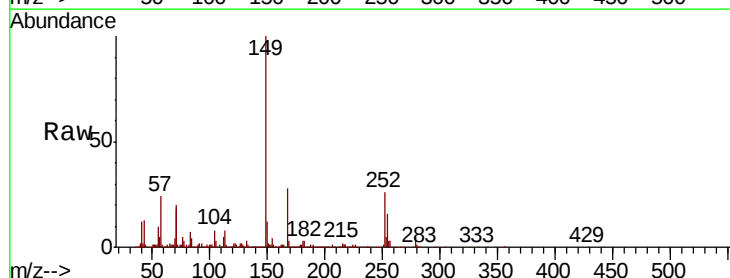
RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	252	Resp:	260023
Ion	Ratio	Lower	Upper
252	100		
254	62.0	51.6	77.4
126	8.0	7.0	10.6

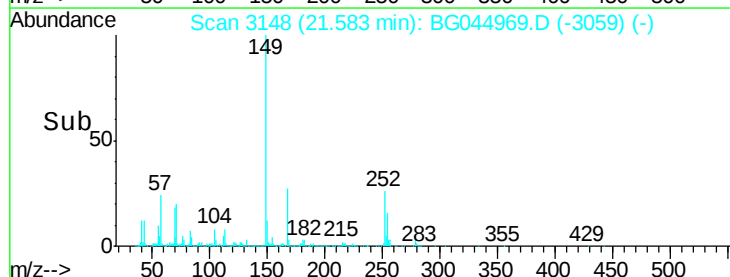
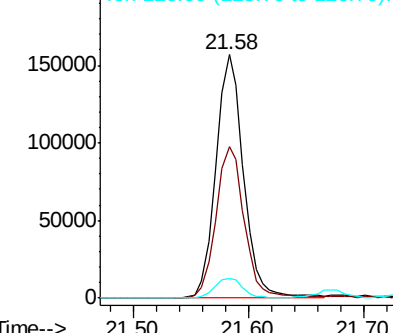


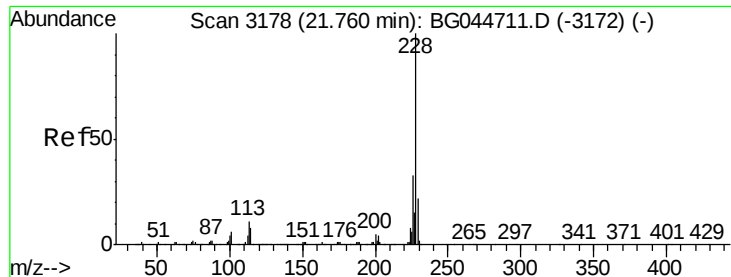
Abundance

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





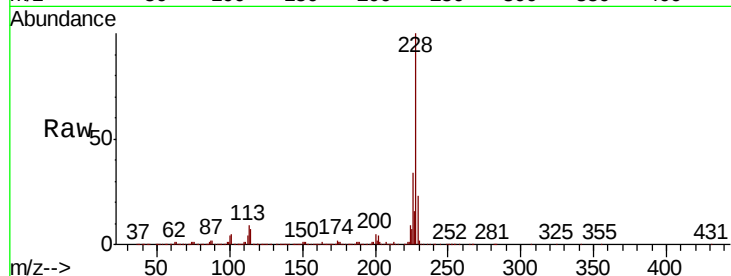
#83
Chrysene
Concen: 51.137 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

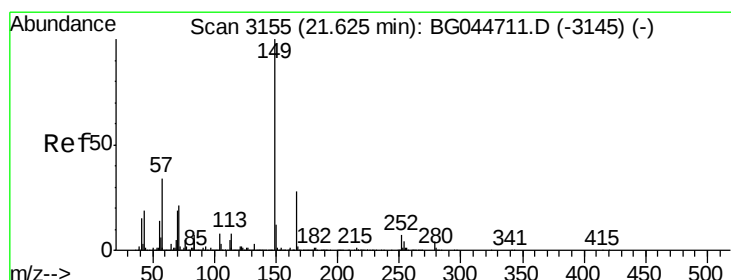
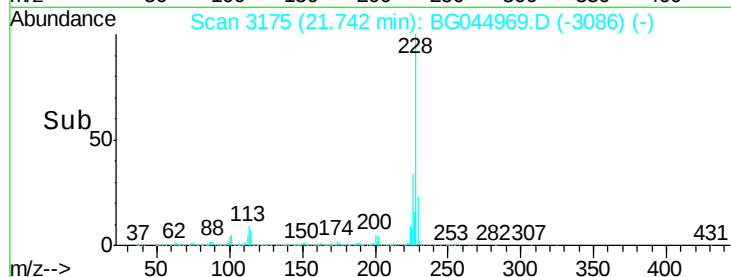
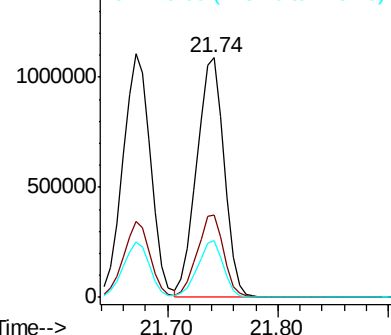
Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	25.9	38.9
229	23.4	17.4	26.0

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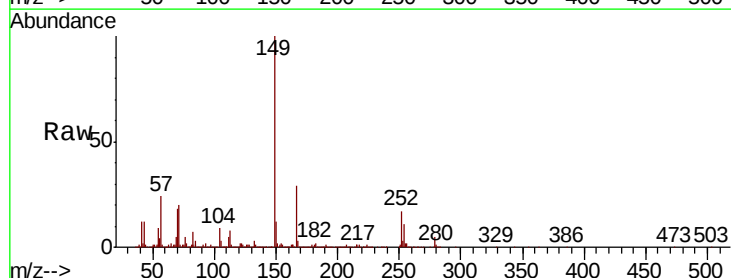


Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

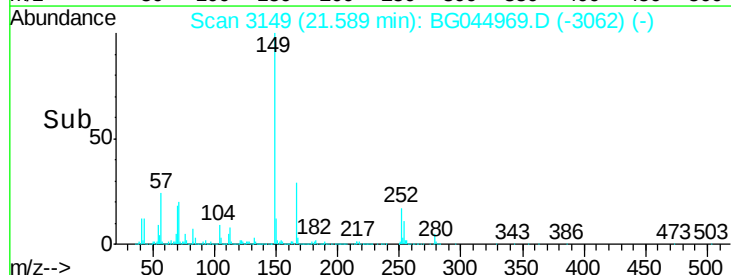
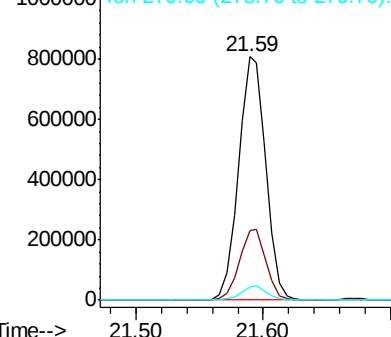


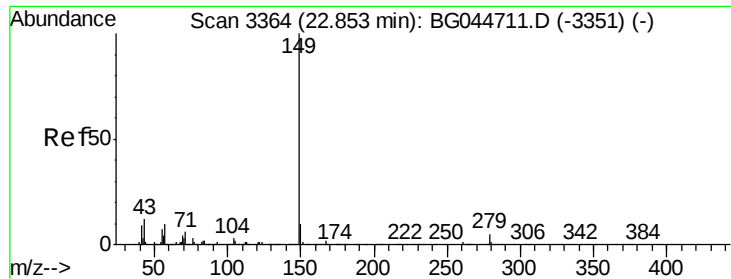
#84
Bis(2-ethylhexyl)phthalate
Concen: 50.357 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.02 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.8	32.6
279	5.5	3.8	5.6



Abundance Ion 149.00 (148.70 to 149.70): E
1000000 Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 50.775 ng

RT: 22.81 min Scan# 3356

Delta R.T. -0.02 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

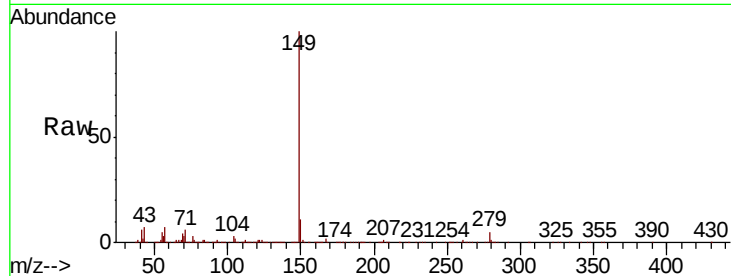
ClientSampleId :

TR-05-040320MSD

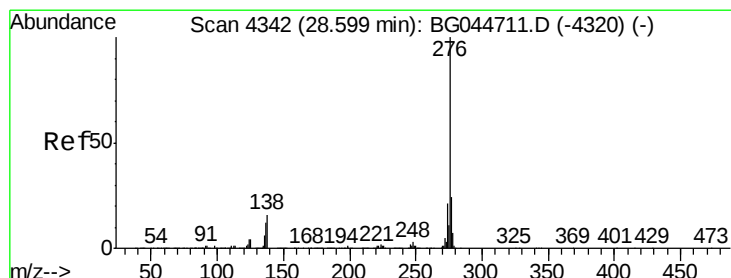
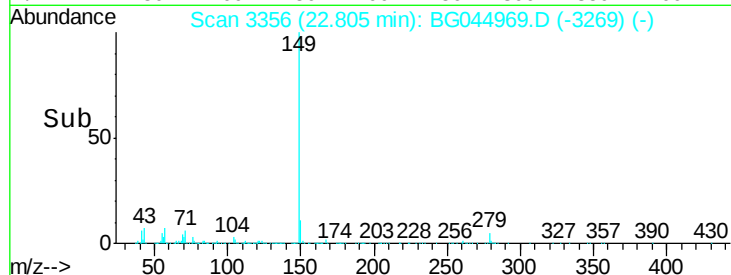
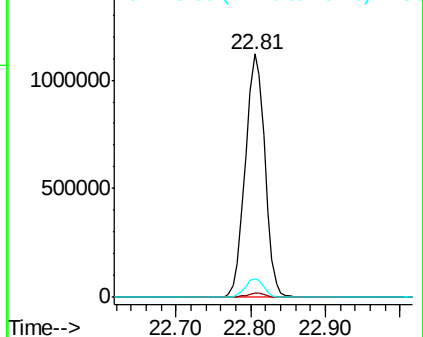
Tot Ion:	149	Resp:	2028851
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	7.3	8.2	12.4#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.991 ng

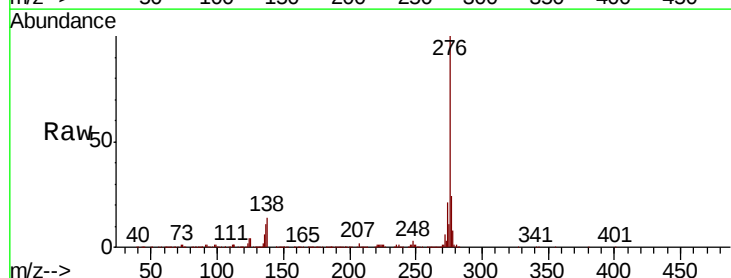
RT: 28.54 min Scan# 4333

Delta R.T. -0.02 min

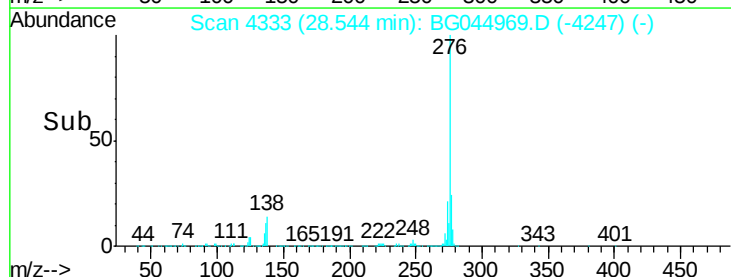
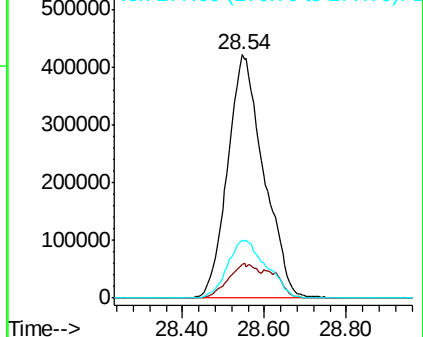
Lab File: BG044969.D

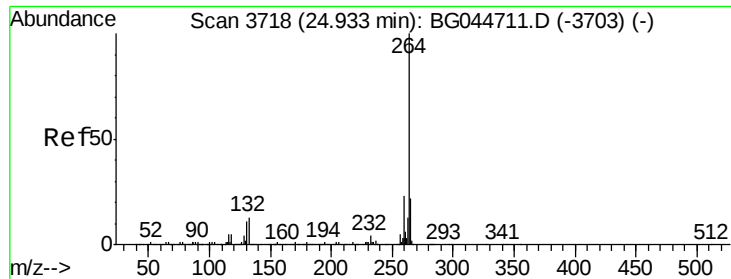
Acq: 8 Apr 2020 00:20

Tgt Ion:	276	Resp:	2580812
Ion Ratio	Lower	Upper	
276	100		
138	11.5	7.4	11.0#
277	25.7	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
500000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.90 min Scan# 3712

Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Instrument :

BNA_G

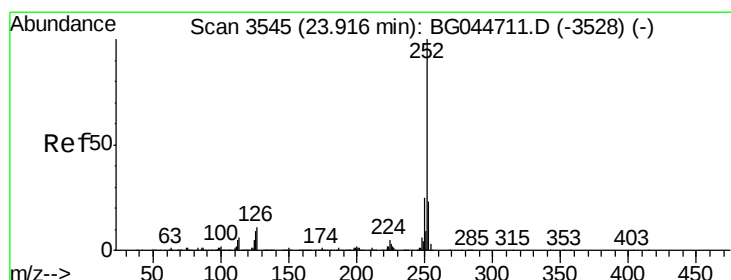
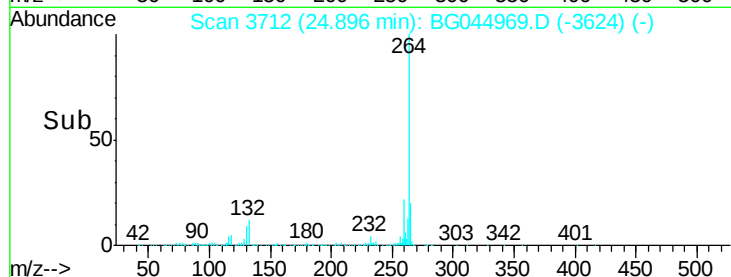
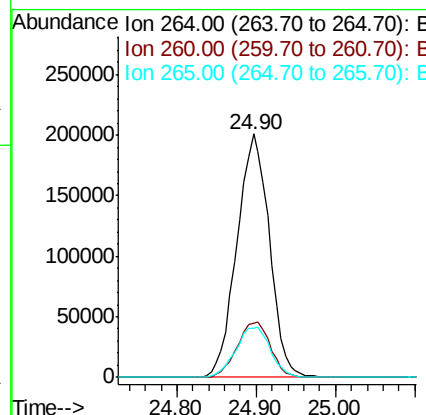
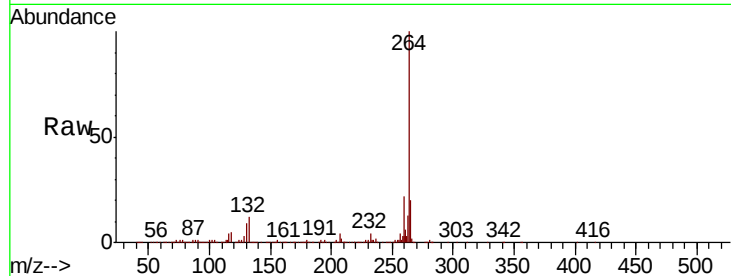
ClientSampleId :

TR-05-040320MSD

Tot Ion:	264	Resp:	571220
Ion Ratio	Lower	Upper	
264	100		
260	22.5	18.1	27.1
265	20.3	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 57.728 ng

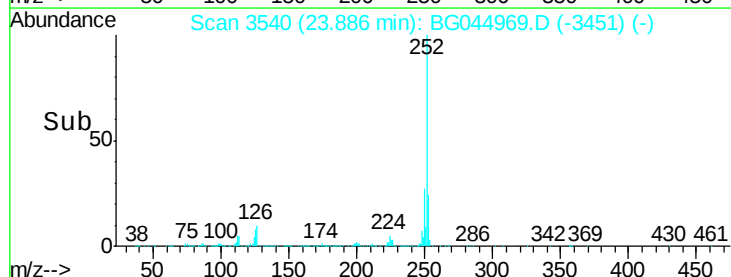
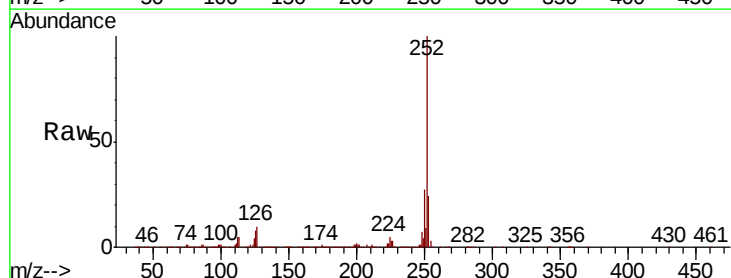
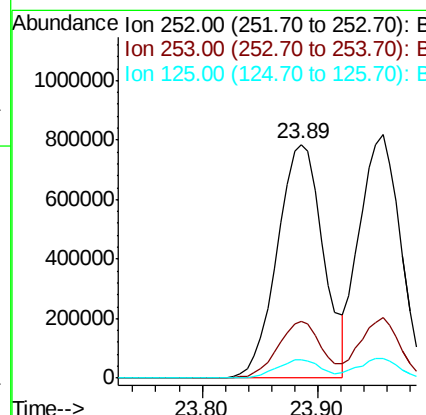
RT: 23.89 min Scan# 3540

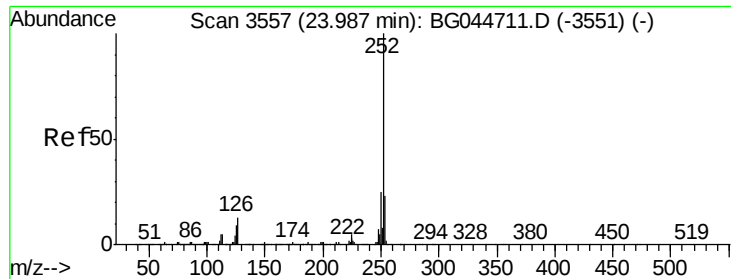
Delta R.T. -0.01 min

Lab File: BG044969.D

Acq: 8 Apr 2020 00:20

Tgt Ion:	252	Resp:	2176961
Ion Ratio	Lower	Upper	
252	100		
253	24.2	18.1	27.1
125	8.0	6.6	9.8





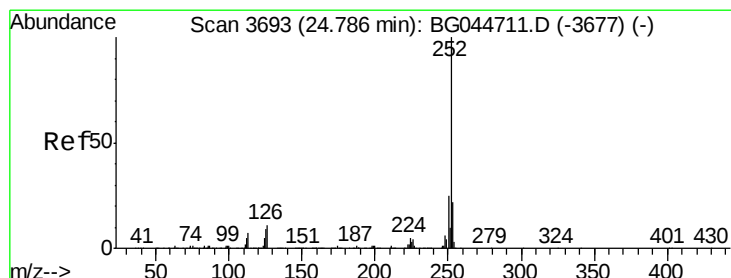
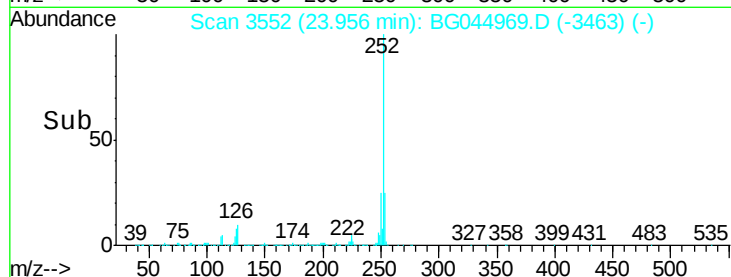
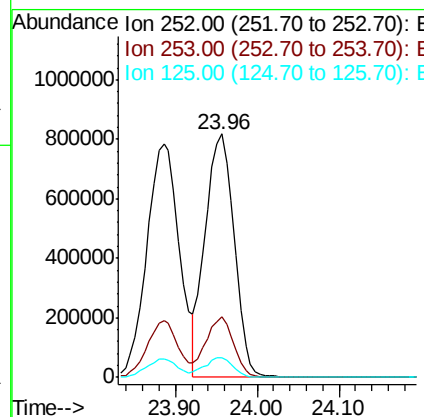
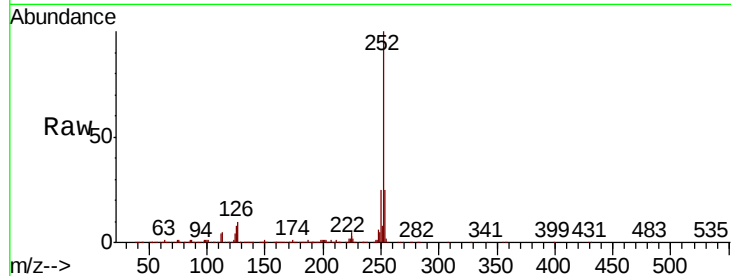
#89
Benzo(k)fluoranthene
Concen: 56.421 ng
RT: 23.96 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion:252 Resp: 2013494
Ion Ratio Lower Upper
252 100
253 24.8 18.5 27.7
125 8.0 6.2 9.2

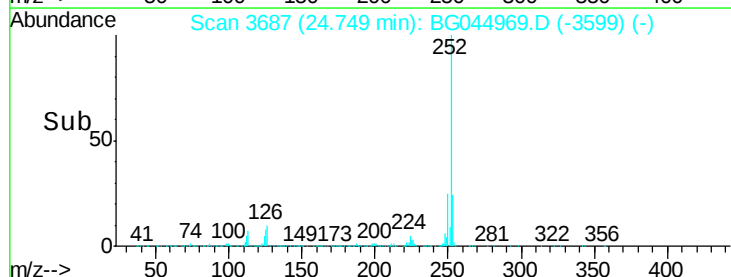
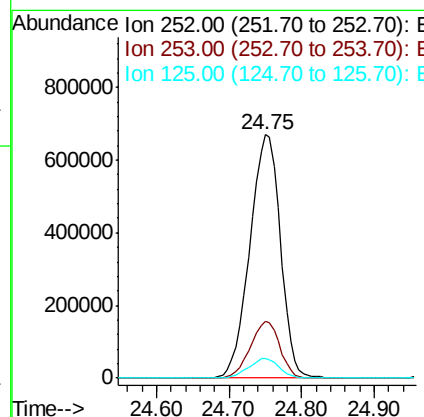
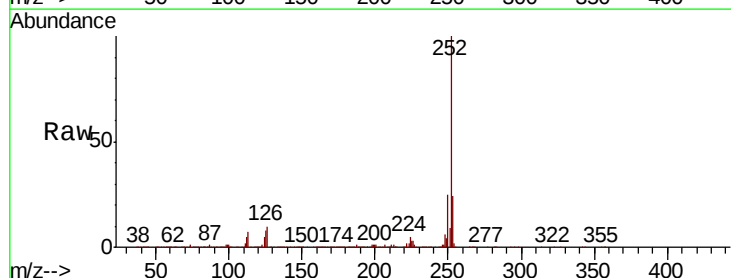
Manual Integrations
APPROVED

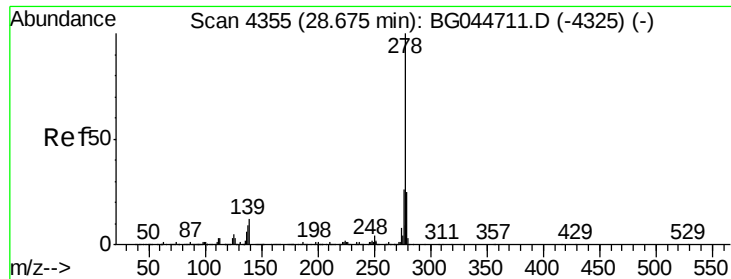
mohammad
4/8/2020 8:14:12 AM



#90
Benzo(a)pyrene
Concen: 55.631 ng
RT: 24.75 min Scan# 3687
Delta R.T. -0.01 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion:252 Resp: 1963017
Ion Ratio Lower Upper
252 100
253 23.6 19.4 29.0
125 8.2 7.2 10.8





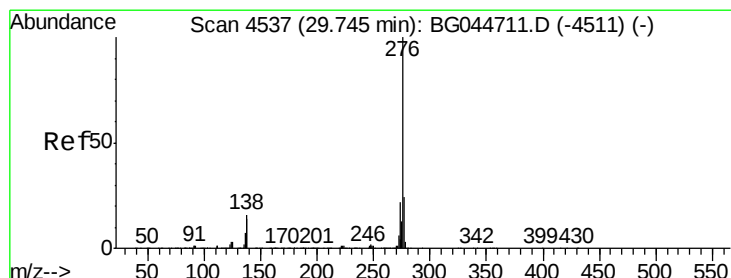
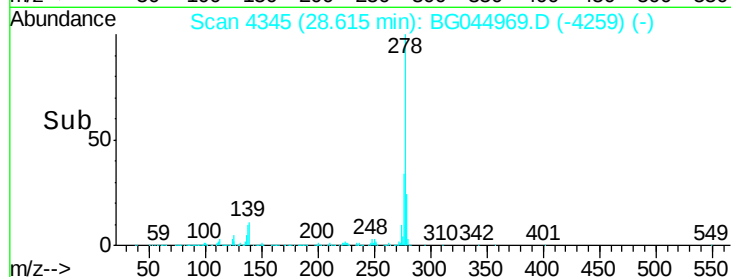
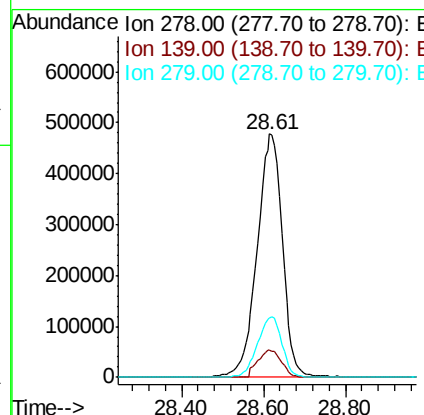
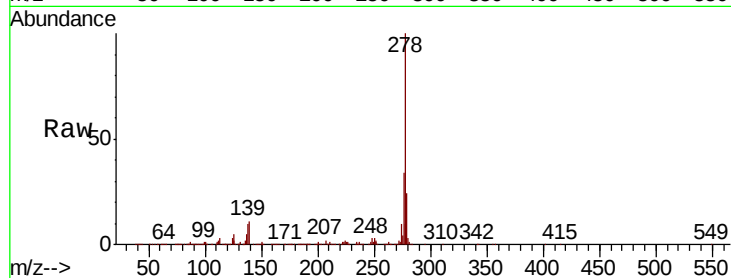
#91
Dibenzo(a,h)anthracene
Concen: 59.134 ng
RT: 28.61 min Scan# 4345
Delta R.T. -0.02 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Instrument :
BNA_G
ClientSampleId :
TR-05-040320MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.4	10.2	15.2
279	24.2	18.9	28.3

Manual Integrations
APPROVED

mohammad
4/8/2020 8:14:12 AM



#92
Benzo(g,h,i)perylene
Concen: 59.753 ng
RT: 29.69 min Scan# 4528
Delta R.T. -0.02 min
Lab File: BG044969.D
Acq: 8 Apr 2020 00:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.1	30.1
138	15.0	13.0	19.6

