

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061620\
 Data File : BG045778.D
 Acq On : 16 Jun 2020 18:41
 Operator : CG/JU
 Sample : L2808-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

Manual Integrations
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mohammad
 6/18/2020 11:51:36 AM

Quant Time: Jun 17 02:59:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55568	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	210590	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	151159	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	361058	20.00	ng	0.00
76) Chrysene-d12	21.58	240	356635	20.00	ng	0.00
86) Perylene-d12	24.70	264	391747	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	383732	116.65	ng	0.00
7) Phenol-d6	7.17	99	470109	93.95	ng	0.00
23) Nitrobenzene-d5	9.08	82	395518	85.80	ng	0.00
42) 2,4,6-Tribromophenol	16.07	330	290154	127.14	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	875645	85.13	ng	0.00
79) Terphenyl-d14	19.94	244	1558373	88.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	57939	38.456	ng	# 54
3) Pyridine	3.78	79	137198	30.730	ng	98
4) n-Nitrosodimethylamine	3.68	42	65113	43.449	ng	# 94
6) Aniline	7.25	93	115779	19.651	ng	98
8) 2-Chlorophenol	7.51	128	157089	44.614	ng	95
9) Benzaldehyde	7.05	77	81211	27.022	ng	97
10) Phenol	7.19	94	174579	36.009	ng	95
11) bis(2-Chloroethyl)ether	7.34	93	149599	40.624	ng	96
12) 1,3-Dichlorobenzene	7.81	146	177871	42.390	ng	98
13) 1,4-Dichlorobenzene	7.95	146	177367	42.318	ng	99
14) 1,2-Dichlorobenzene	8.28	146	165165	41.163	ng	97
15) Benzyl Alcohol	8.18	79	158138	40.840	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.45	45	140136	40.377	ng	92
17) 2-Methylphenol	8.42	107	134154	37.182	ng	96
18) Hexachloroethane	9.00	117	68575	43.079	ng	96
19) n-Nitroso-di-n-propylamine	8.73	70	138332	42.051	ng	97
20) 3+4-Methylphenols	8.76	107	178346	37.585	ng	97
22) Acetophenone	8.75	105	249501	43.166	ng	99
24) Nitrobenzene	9.13	77	208202	42.360	ng	99
25) Isophorone	9.65	82	368274	41.267	ng	98
26) 2-Nitrophenol	9.84	139	91307	44.590	ng	95
27) 2,4-Dimethylphenol	9.94	122	136860	43.777	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	204552	43.881	ng	99
29) 2,4-Dichlorophenol	10.41	162	160065	43.883	ng	97
30) 1,2,4-Trichlorobenzene	10.59	180	182315	42.221	ng	96
31) Naphthalene	10.78	128	490396	42.594	ng	99
32) Benzoic acid	10.14	122	78503	40.454	ng	91
33) 4-Chloroaniline	10.91	127	30628	6.353	ng	94
34) Hexachlorobutadiene	11.07	225	131605	42.855	ng	96
35) Caprolactam	11.67	113	39128m	33.150	ng	
36) 4-Chloro-3-methylphenol	12.08	107	184138	43.723	ng	95
37) 2-Methylnaphthalene	12.39	142	369135	43.057	ng	99
38) 1-Methylnaphthalene	12.61	142	352774	43.482	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	209571	42.105	ng	99

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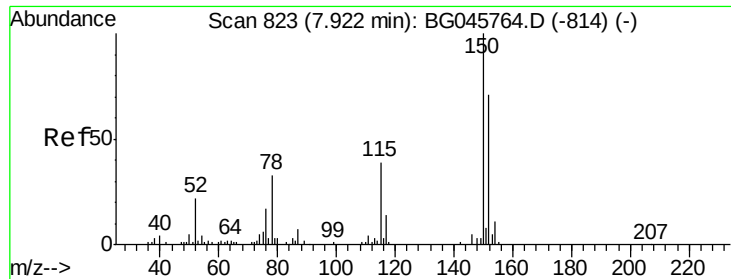
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	209387	76.564	nq	98
43) 2,4,6-Trichlorophenol	13.02	196	149265	44.232	nq	97
44) 2,4,5-Trichlorophenol	13.12	196	153183	39.828	nq	99
46) 1,1'-Biphenyl	13.40	154	469581	43.391	nq	100
47) 2-Chloronaphthalene	13.44	162	364641	41.712	nq	96
48) 2-Nitroaniline	13.66	65	122287	42.054	nq	98
49) Acenaphthylene	14.29	152	586087	41.856	nq	99
50) Dimethylphthalate	14.03	163	592658	50.048	nq	99
51) 2,6-Dinitrotoluene	14.14	165	115936	43.590	nq	94
52) Acenaphthene	14.63	154	357619	42.135	nq	98
53) 3-Nitroaniline	14.49	138	41185	15.503	nq	# 86
54) 2,4-Dinitrophenol	14.70	184	130607	87.271	nq	98
55) Dibenzofuran	14.97	168	587095	42.580	nq	98
56) 4-Nitrophenol	14.88	139	127203	67.485	nq	95
57) 2,4-Dinitrotoluene	14.94	165	159324	41.809	nq	98
58) Fluorene	15.62	166	492993	42.999	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	150439	45.066	nq	99
60) Diethylphthalate	15.39	149	517696	42.765	nq	98
61) 4-Chlorophenyl-phenylether	15.61	204	277013	41.921	nq	99
62) 4-Nitroaniline	15.66	138	95943	35.189	nq	94
63) Azobenzene	15.91	77	501524	43.147	nq	98
65) 4,6-Dinitro-2-methylphenol	15.71	198	104016	46.616	nq	98
66) n-Nitrosodiphenylamine	15.83	169	436151	42.648	nq	99
67) 4-Bromophenyl-phenylether	16.51	248	187176	39.897	nq	97
68) Hexachlorobenzene	16.63	284	207552	42.664	nq	95
69) Atrazine	16.79	200	167223	42.139	nq	98
70) Pentachlorophenol	16.99	266	214447	88.487	nq	95
71) Phenanthrene	17.36	178	782531	42.024	nq	98
72) Anthracene	17.45	178	799614	43.122	nq	100
73) Carbazole	17.73	167	742942	42.078	nq	100
74) Di-n-butylphthalate	18.29	149	886117	42.387	nq	99
75) Fluoranthene	19.37	202	999622	43.656	nq	99
77) Benzidine	19.56	184	207027	22.330	nq	98
78) Pyrene	19.74	202	1002080	41.960	nq	99
80) Butylbenzylphthalate	20.62	149	419060	41.922	nq	97
81) Benzo(a)anthracene	21.56	228	974177	42.132	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	138927	15.885	nq	# 96
83) Chrysene	21.62	228	953700	42.644	nq	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	587003	42.217	nq	96
85) Di-n-octyl phthalate	22.64	149	979721	40.849	nq	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1223951	43.097	nq	# 99
88) Benzo(b)fluoranthene	23.71	252	1060021	43.156	nq	97
89) Benzo(k)fluoranthene	23.78	252	997568	42.435	nq	97
90) Benzo(a)pyrene	24.56	252	953881	41.573	nq	99
91) Dibenzo(a,h)anthracene	28.31	278	991893	43.553	nq	99
92) Benzo(g,h,i)perylene	29.36	276	1000986	43.913	nq	99

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



#1

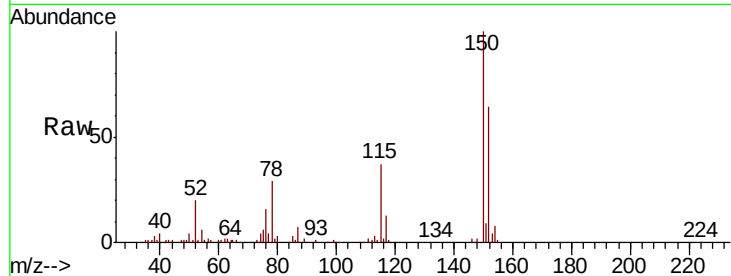
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	113.1	169.7
115	58.1	43.8	65.6

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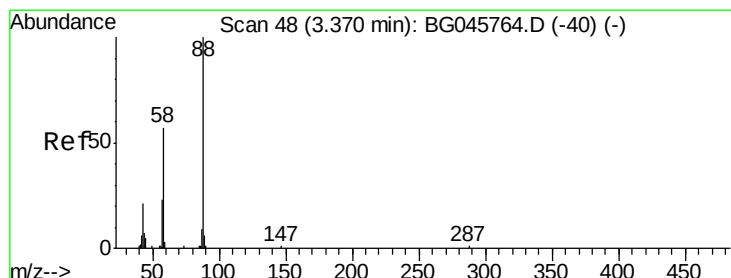
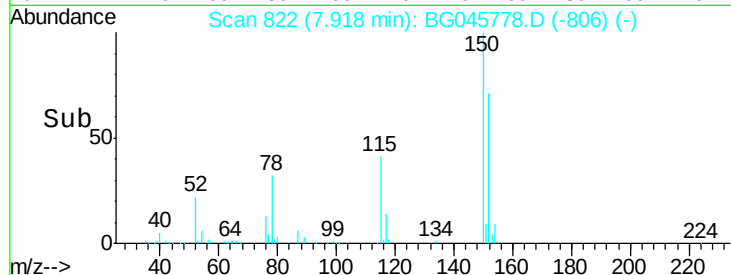
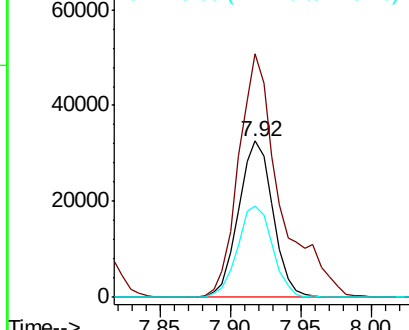


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

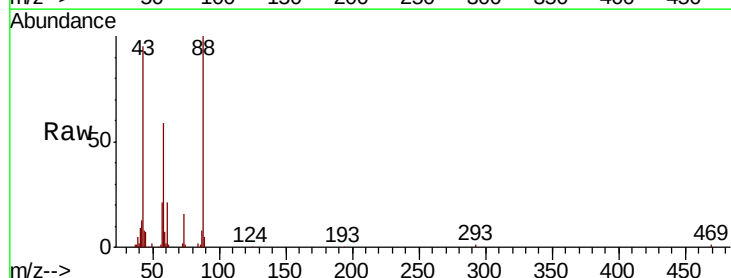
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.456 ng
RT: 3.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.8	46.1	69.1
43	96.8	19.2	28.8#

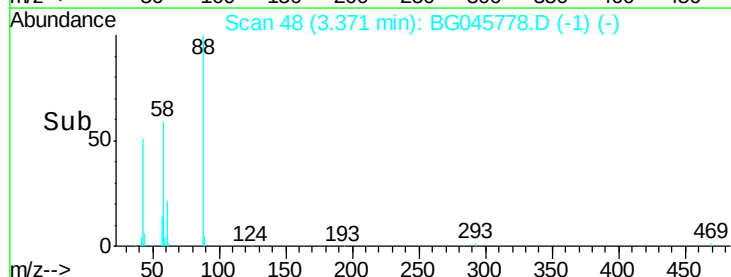
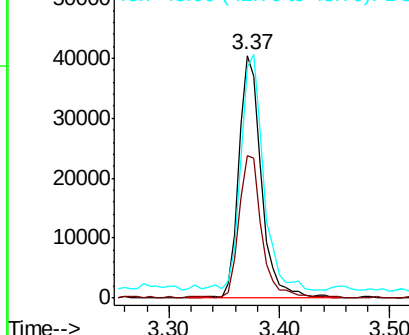


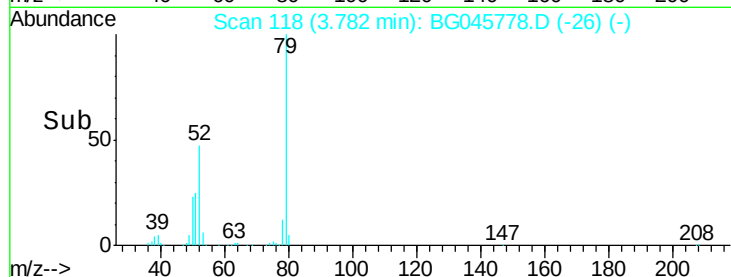
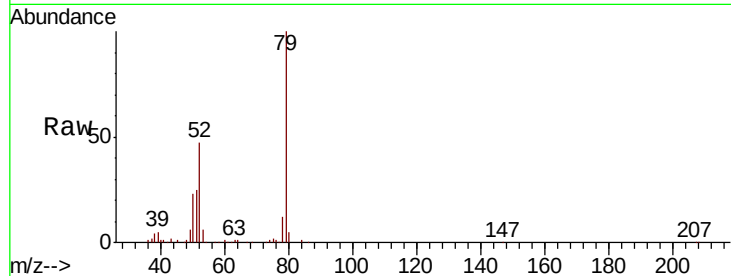
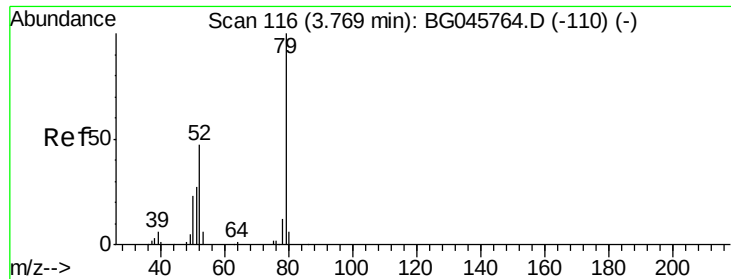
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





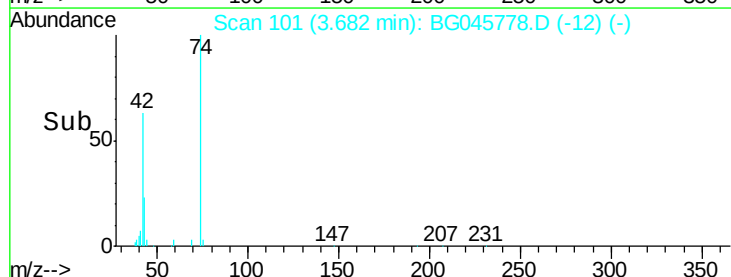
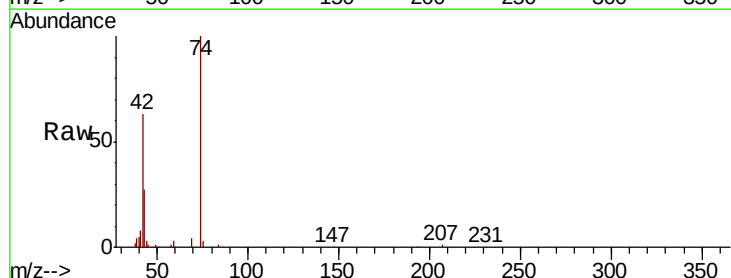
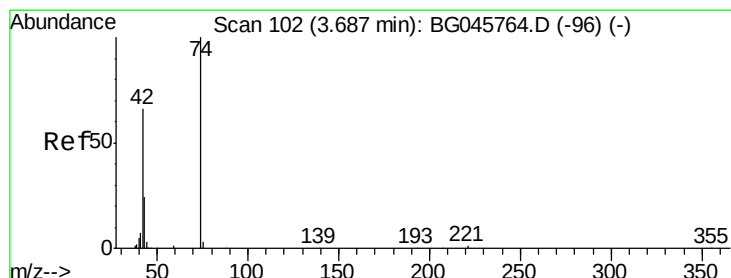
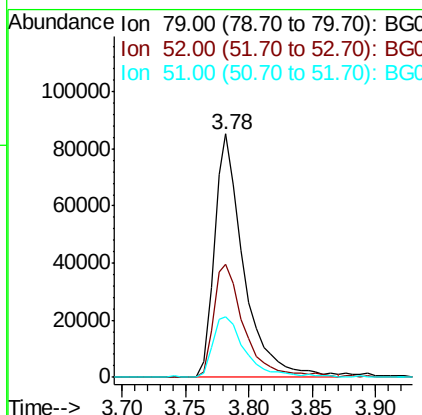
#3
 Pvridine
 Concen: 30.730 ng
 RT: 3.78 min Scan# 118
 Delta R.T. 0.01 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.6	37.9	56.9
51	25.1	22.0	33.0

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

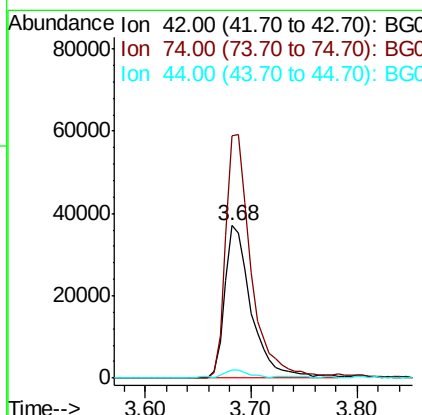
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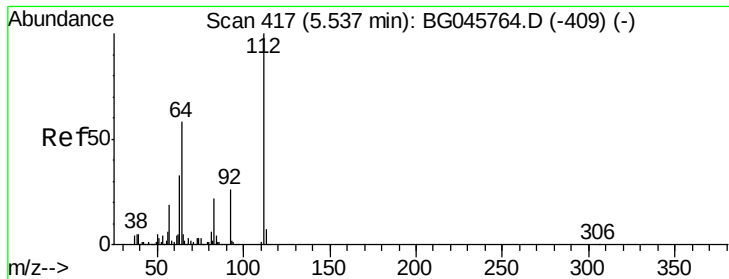
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#4
 n-Nitrosodimethylamine
 Concen: 43.449 ng
 RT: 3.68 min Scan# 101
 Delta R.T. -0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.8	121.0	181.4
44	5.5	3.5	5.3#





#5

2-Fluorophenol

Concen: 116.652 ng

RT: 5.54 min Scan# 417

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

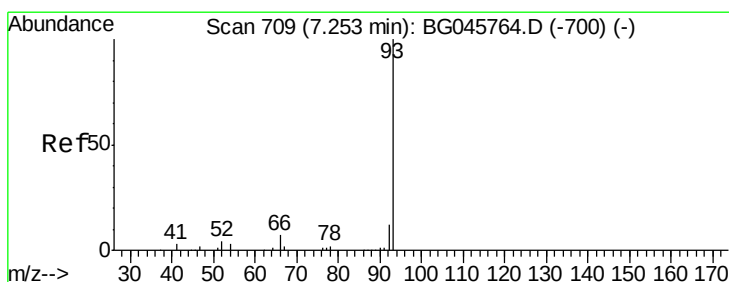
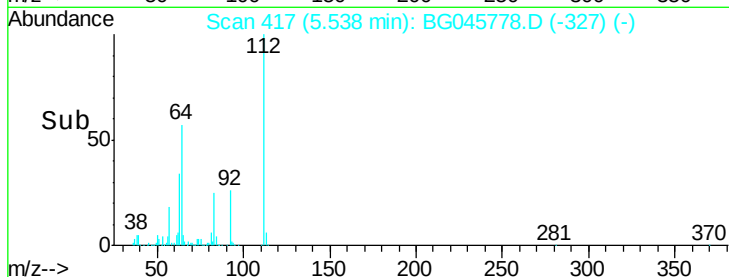
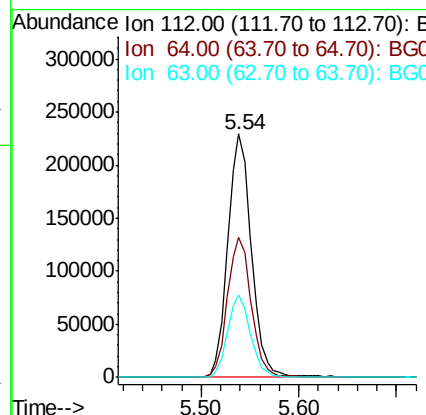
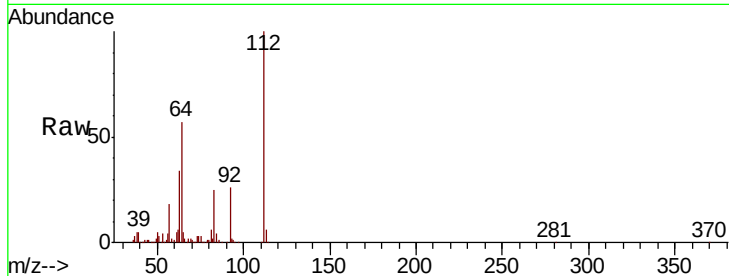
ClientSampleId :

HR-06-061120MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	383732		
64	57.3	46.6	69.8	
63	33.9	26.3	39.5	

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#6

Aniline

Concen: 19.651 ng

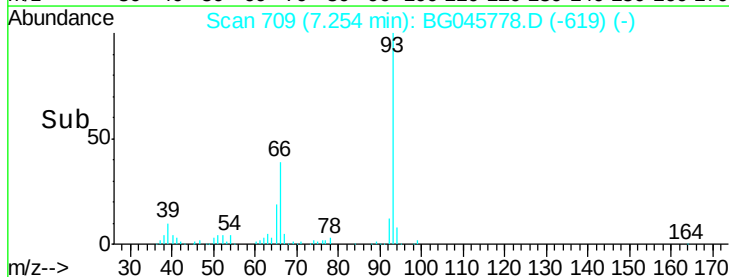
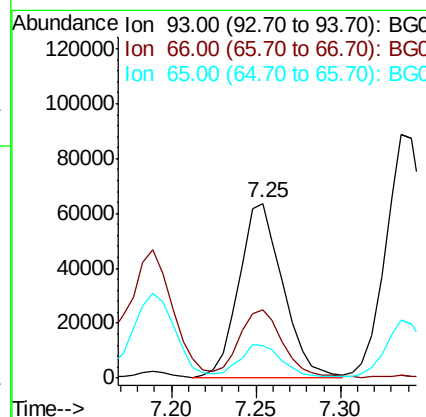
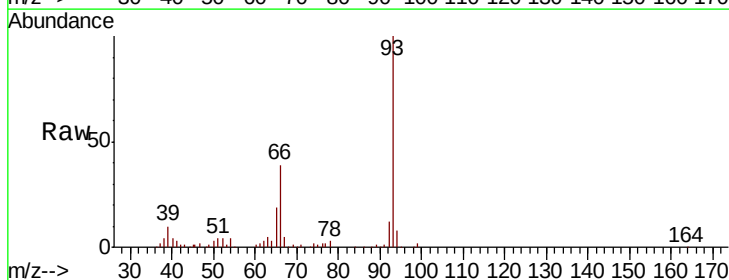
RT: 7.25 min Scan# 709

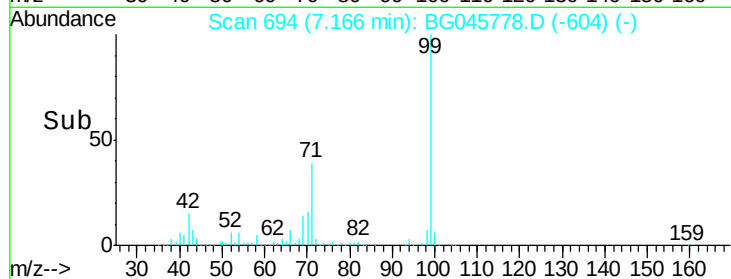
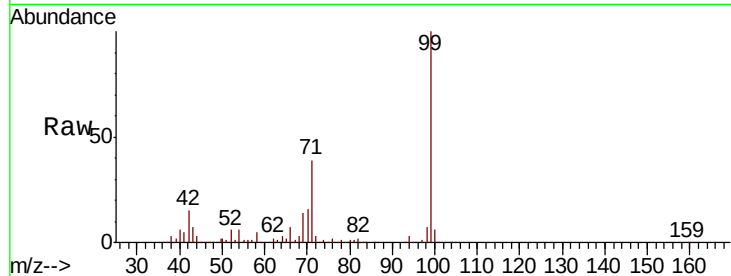
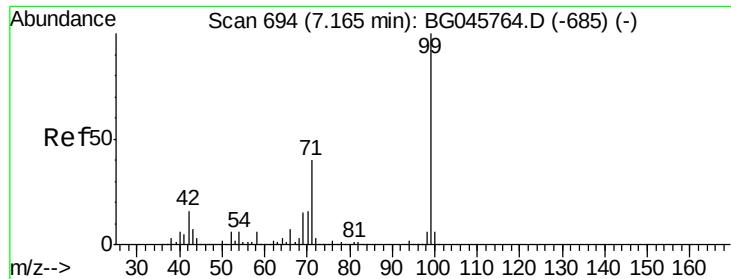
Delta R.T. 0.00 min

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	115779		
66	38.9	30.0	45.0	
65	18.6	14.7	22.1	





#7

Phenol-d6

Concen: 93.953 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		470109		
42	15.0	12.4	18.6		
71	39.4	32.1	48.1		

Instrument :

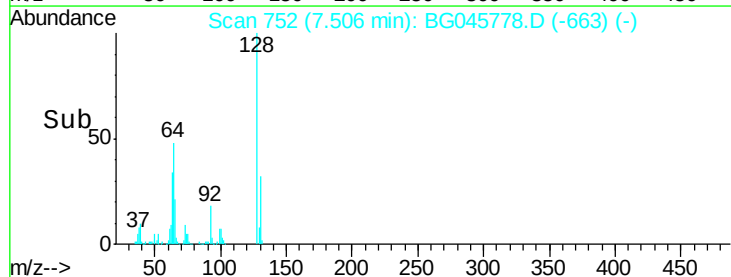
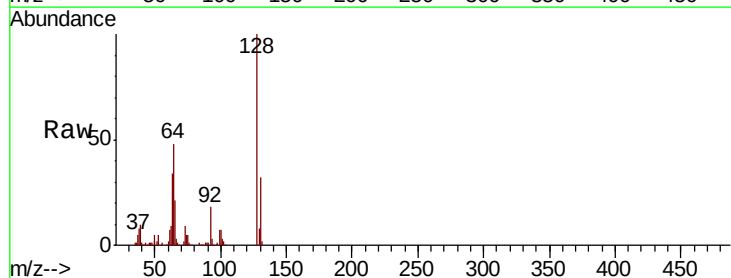
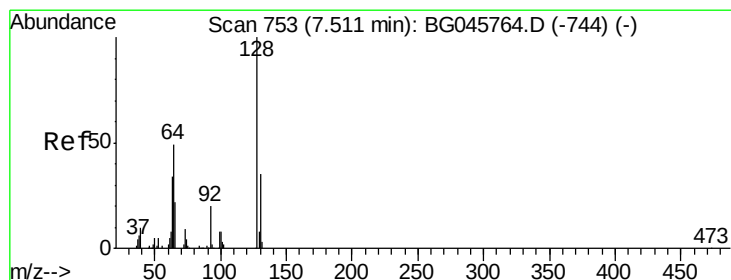
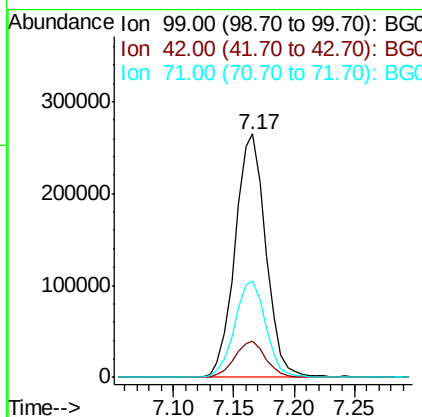
BNA_G

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#8

2-Chlorophenol

Concen: 44.614 ng

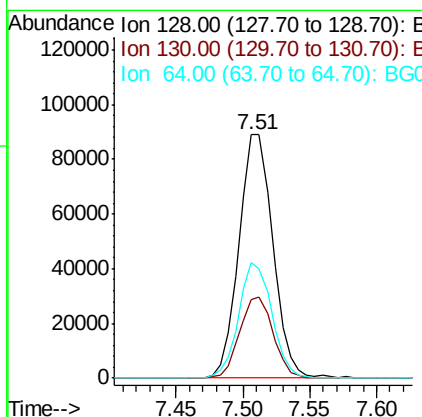
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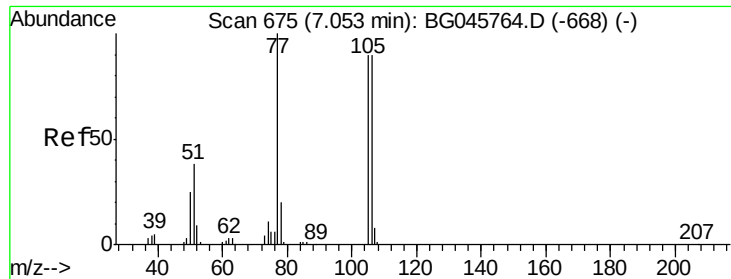
Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		157089		
130	32.4	14.5	54.5		
64	47.7	31.6	71.6		





#9

Benzaldehyde

Concen: 27.022 ng

RT: 7.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

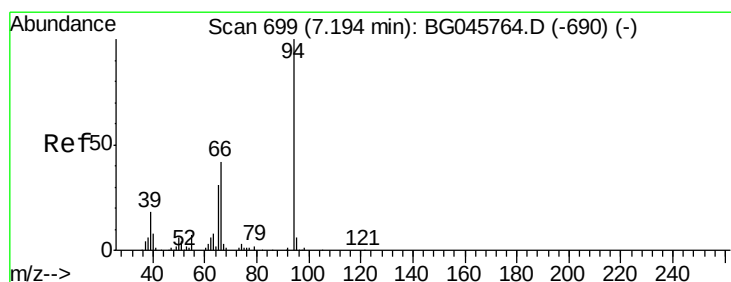
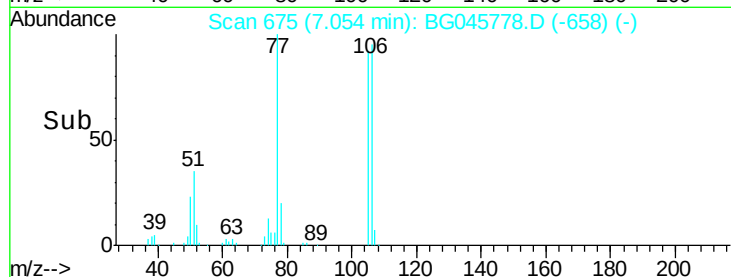
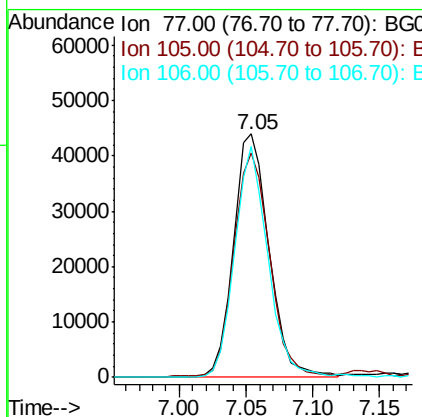
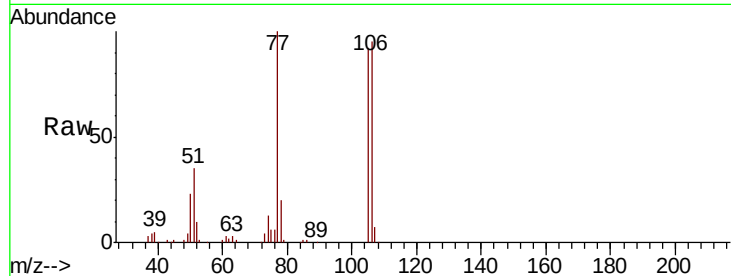
ClientSampleId :

HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	92.2	70.4	110.4
106	94.7	70.2	110.2

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#10

Phenol

Concen: 36.009 ng

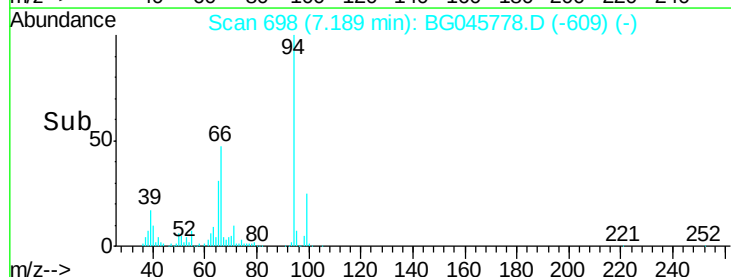
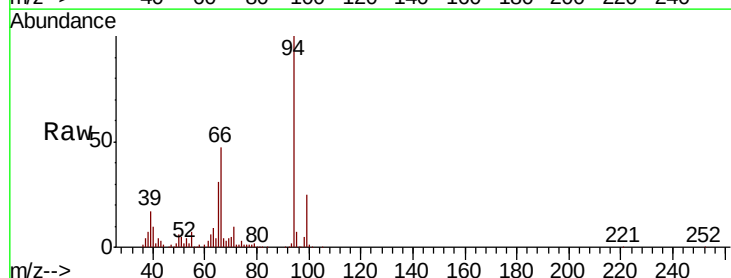
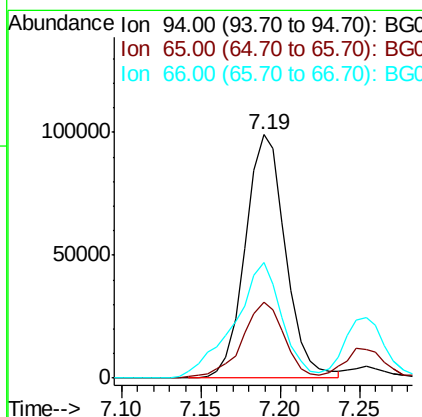
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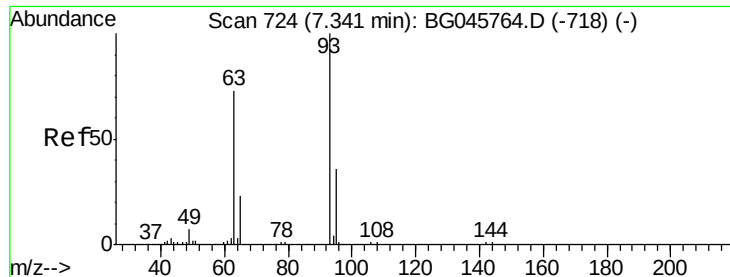
Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.7	50.7
66	47.3	22.5	62.5





#11

bis(2-Chloroethyl)ether

Concen: 40.624 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

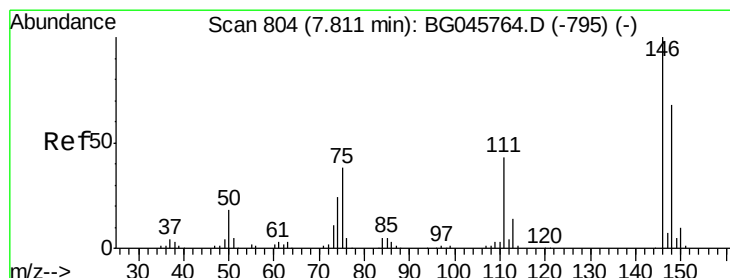
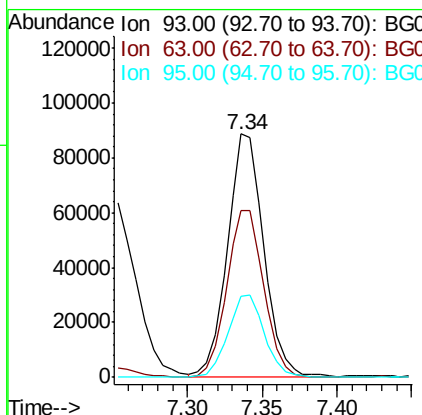
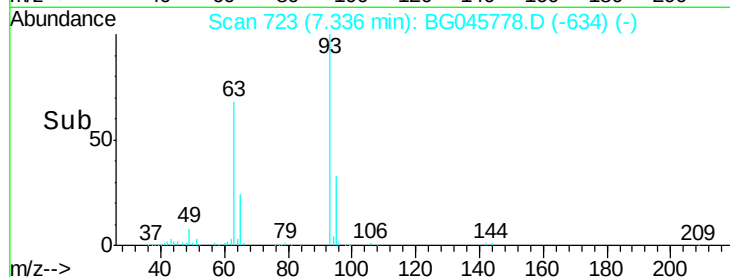
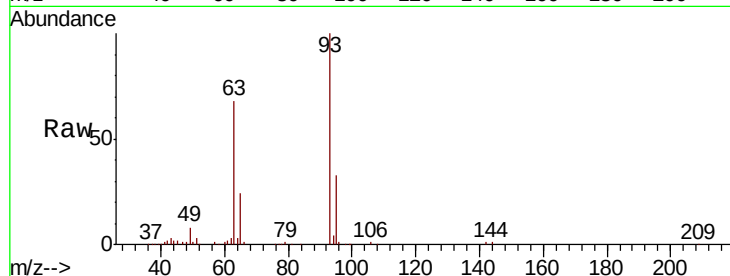
ClientSampleId :

HR-06-061120MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		149599		
63	68.4	52.0	92.0		
95	33.4	15.6	55.6		

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#12

1,3-Dichlorobenzene

Concen: 42.390 ng

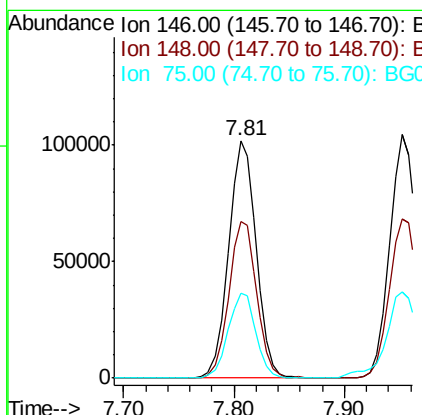
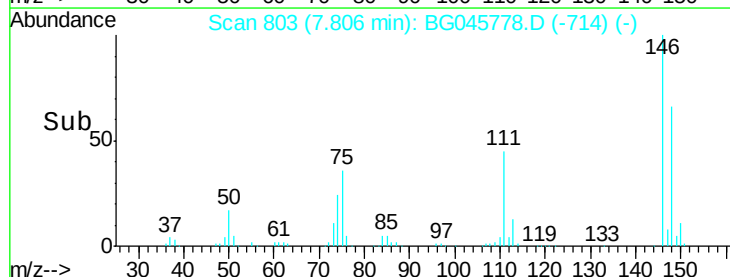
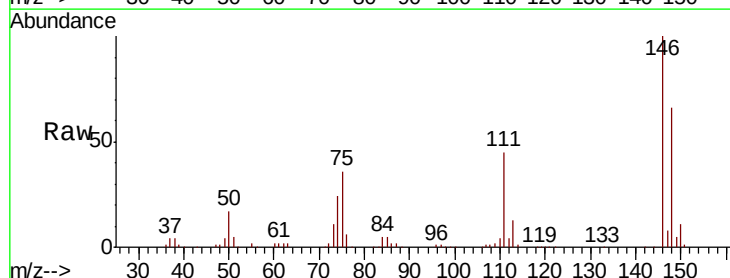
RT: 7.81 min Scan# 803

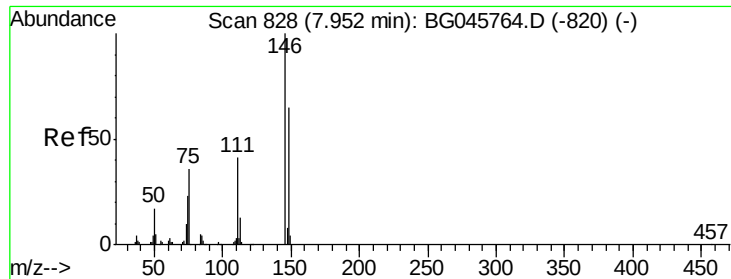
Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		177871		
148	66.0	54.2	81.4		
75	35.9	30.1	45.1		





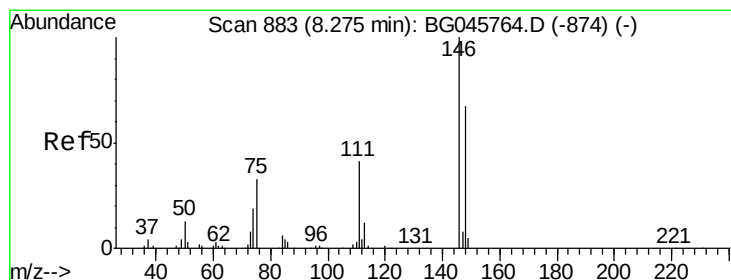
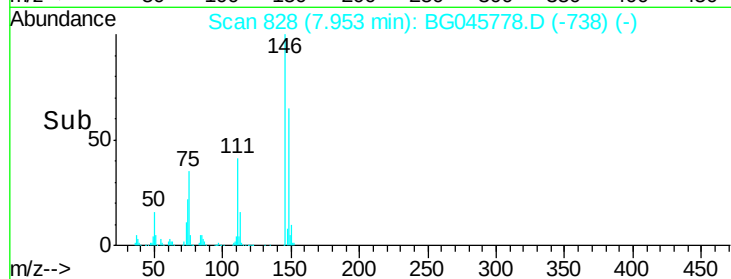
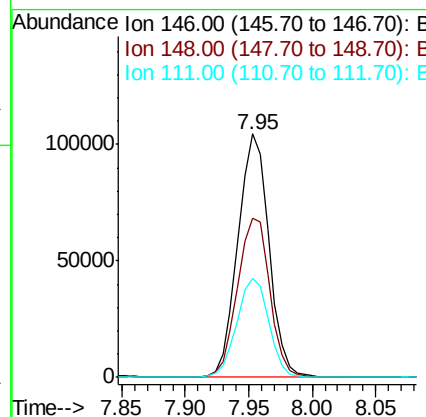
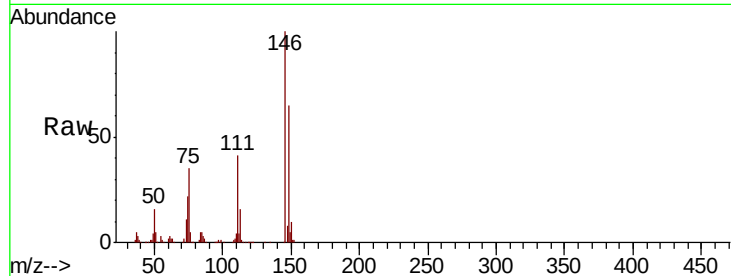
#13
1,4-Dichlorobenzene
Concen: 42.318 ng
RT: 7.95 min Scan# 828
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.6
111	40.6	32.8	49.2

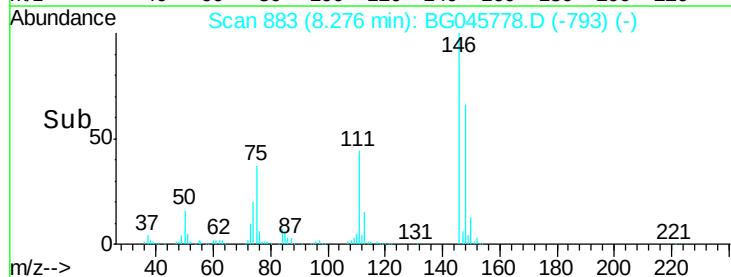
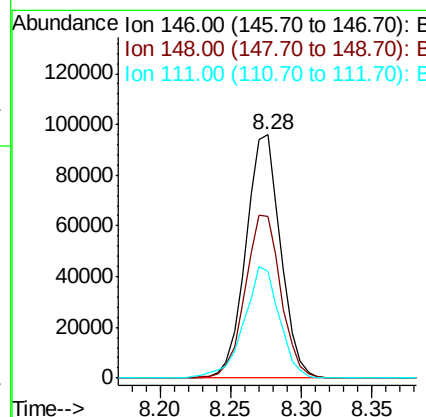
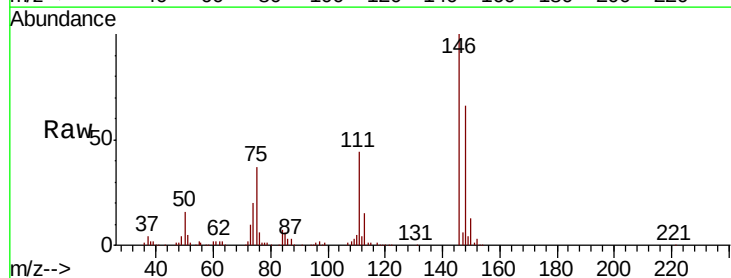
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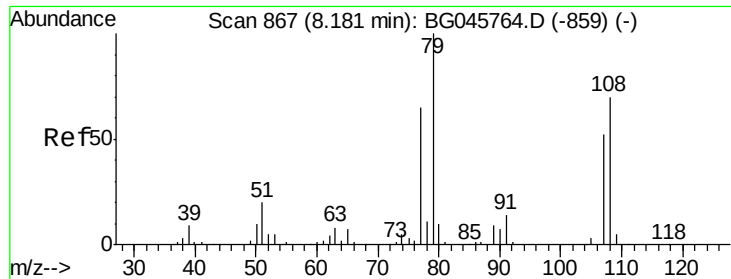
mohammad
6/18/2020 11:51:36 AM



#14
1,2-Dichlorobenzene
Concen: 41.163 ng
RT: 8.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	54.1	81.1
111	43.9	32.9	49.3





#15

Benzyl Alcohol

Concen: 40.840 ng

RT: 8.18 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

Tot Ion: 79 Resp: 158138

Ion Ratio Lower Upper

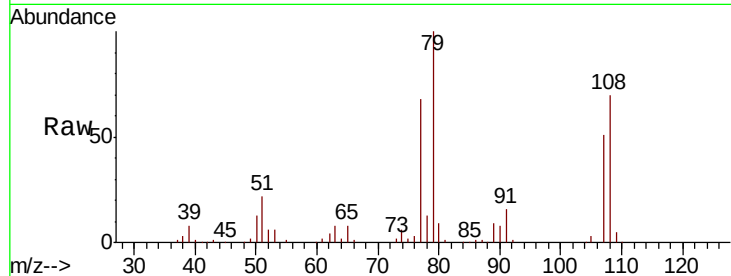
79 100

108 69.7 56.2 84.4

77 68.2 52.2 78.2

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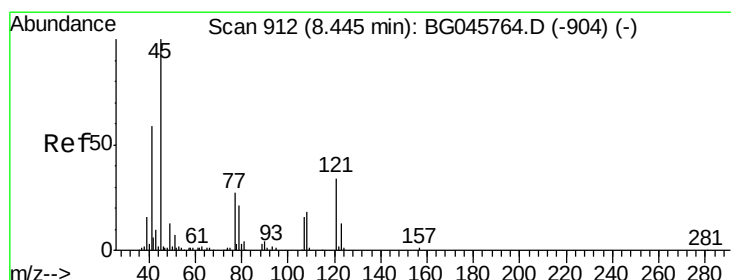
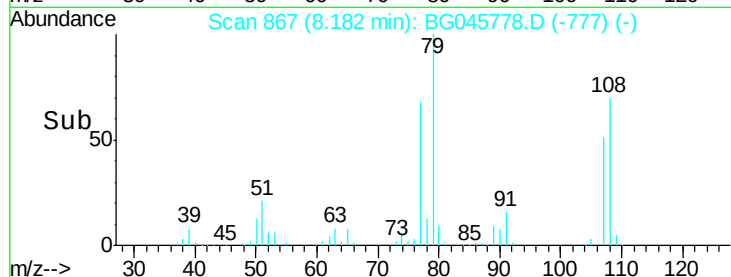
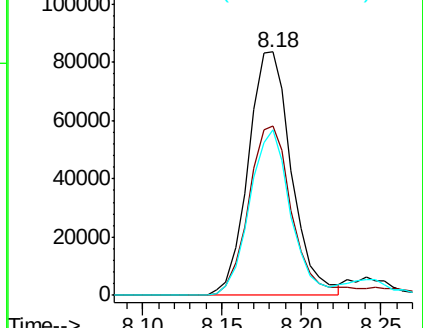
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Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.377 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

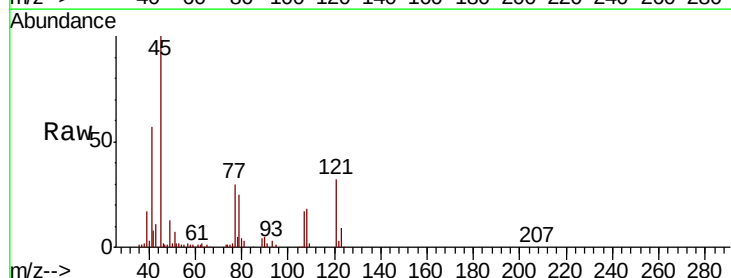
Tgt Ion: 45 Resp: 140136

Ion Ratio Lower Upper

45 100

77 30.1 14.9 54.9

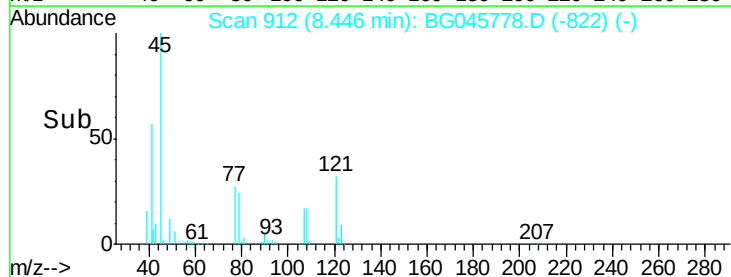
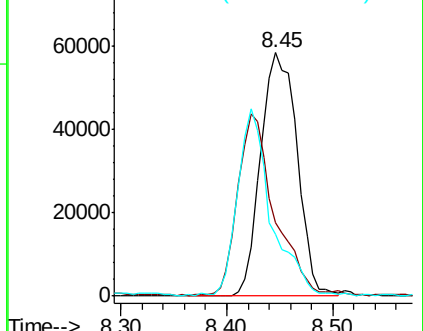
79 25.2 9.2 49.2

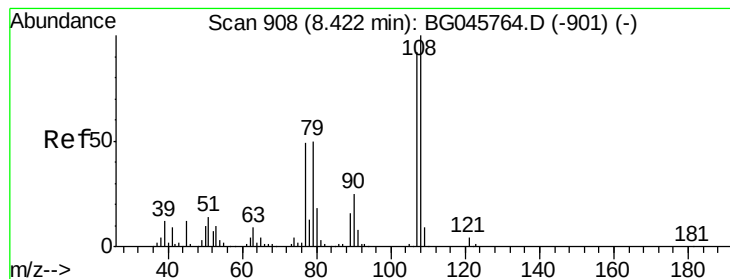


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





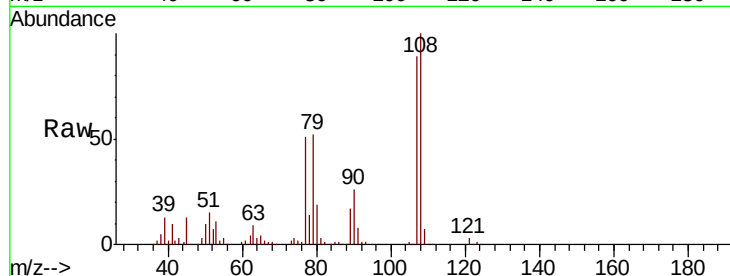
#17
2-Methylphenol
Concen: 37.182 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	87.4	131.0	
77	56.8	42.5	63.7	
79	58.2	44.0	66.0	

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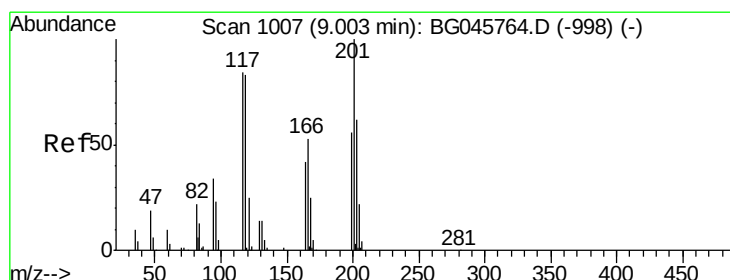
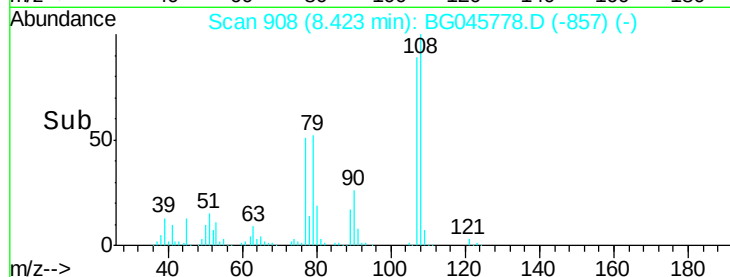
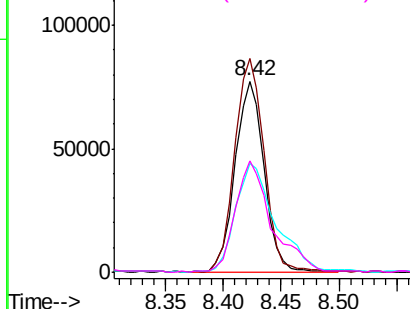
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

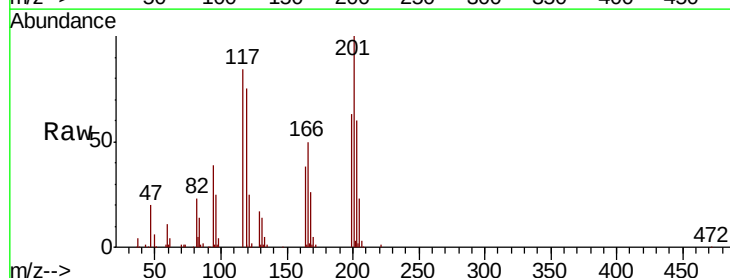
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 43.079 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	89.4	78.9	118.3	
201	119.6	95.5	143.3	

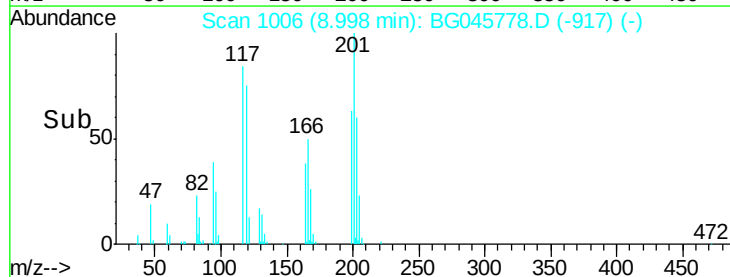
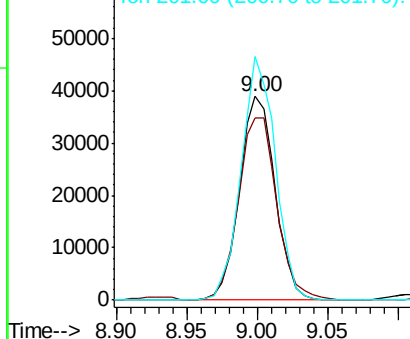


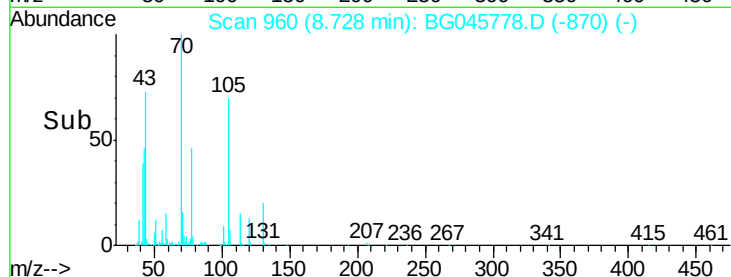
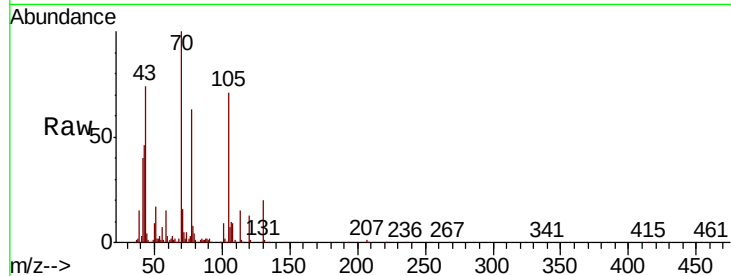
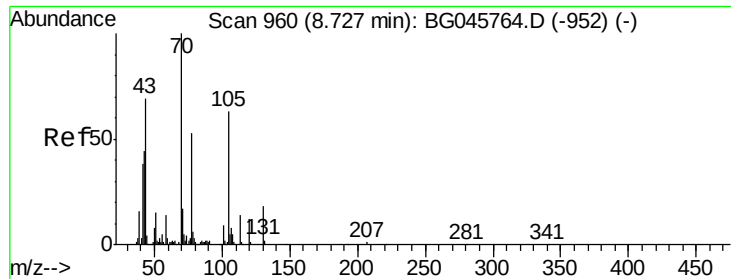
Abundance

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





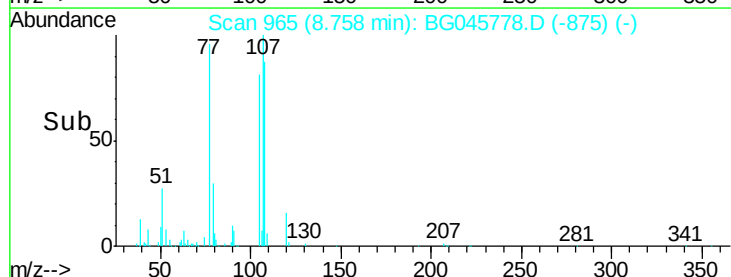
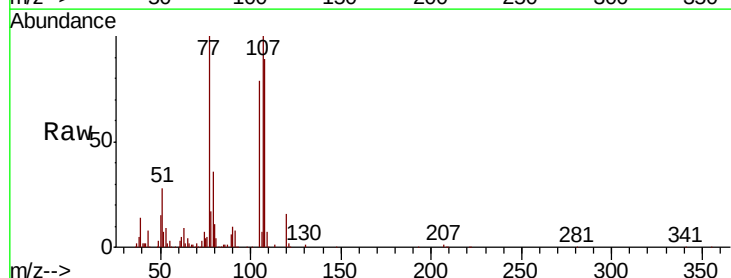
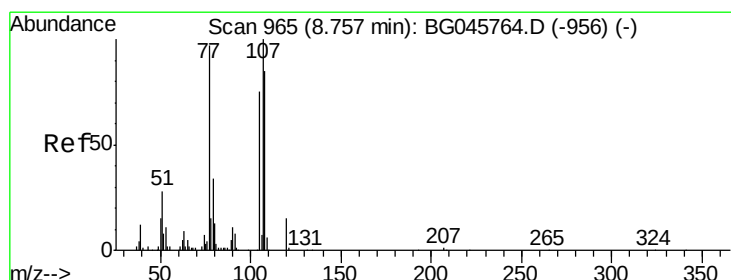
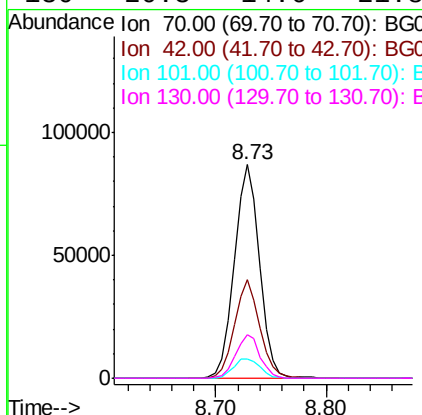
#19
n-Nitroso-di-n-propylamine
Concen: 42.051 ng
RT: 8.73 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	35.1	52.7
101	9.1	7.4	11.0
130	20.3	14.6	21.8

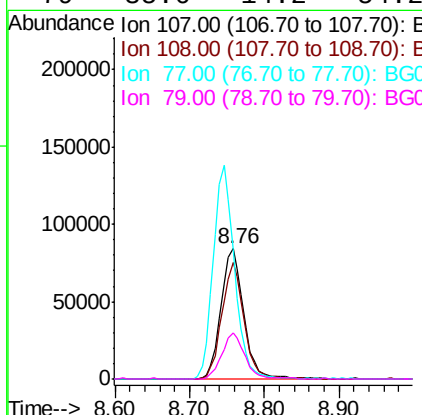
Manual Integrations
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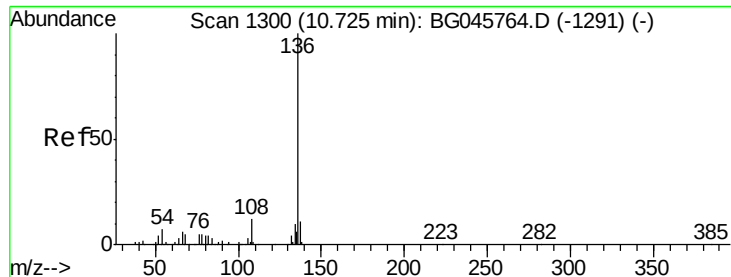
mohammad
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#20
3+4-Methylphenols
Concen: 37.585 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	65.4	105.4
77	99.6	77.2	117.2
79	35.6	14.2	54.2





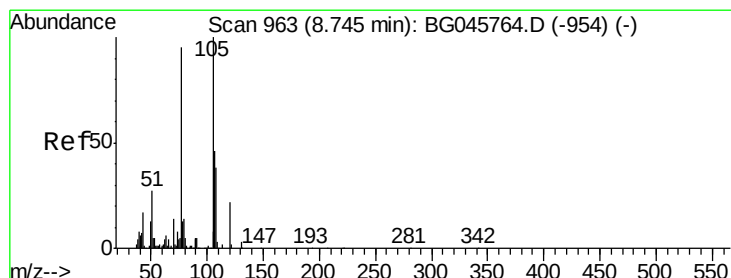
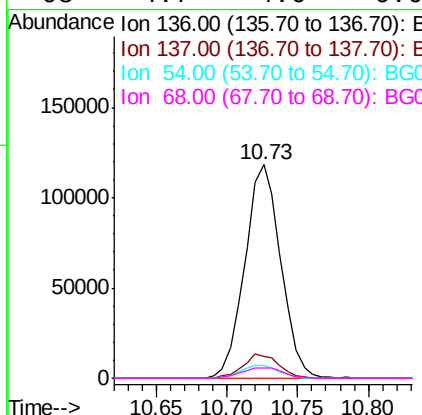
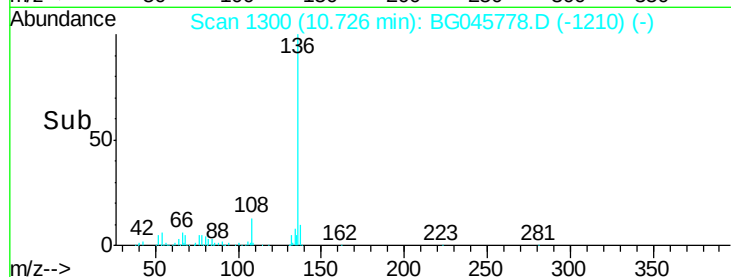
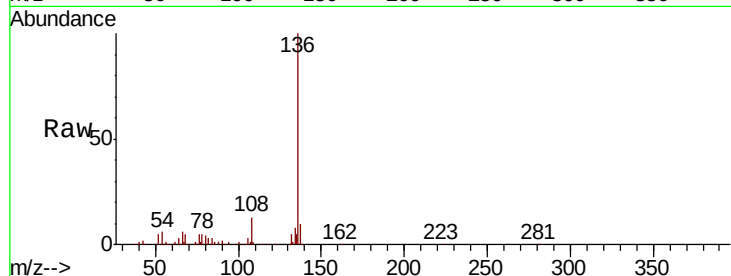
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	210590		
137	10.2		8.7	13.1
54	6.0		5.8	8.6
68	4.7		4.0	6.0

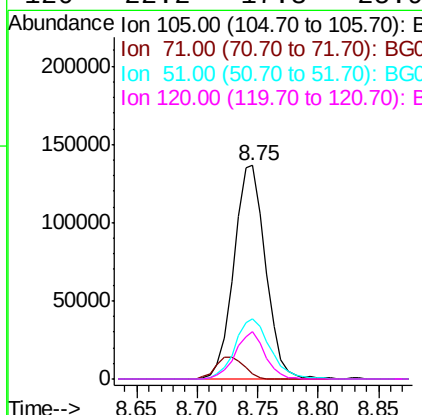
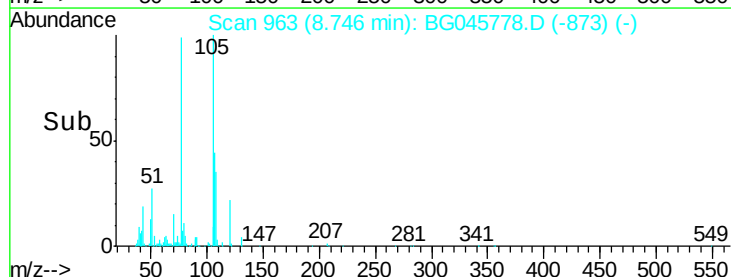
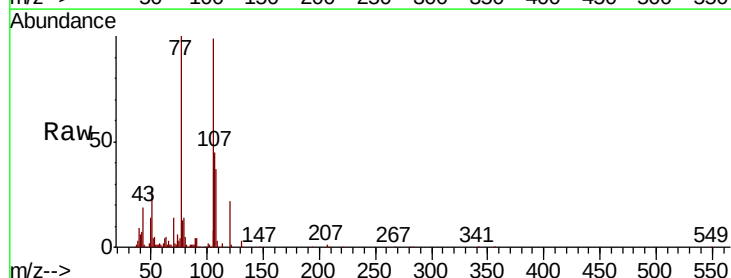
Manual Integrations
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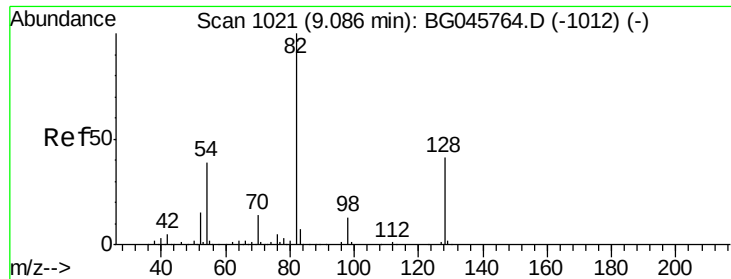
mohammad
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#22
Acetophenone
Concen: 43.166 ng
RT: 8.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249501		
71	2.2		1.8	2.8
51	28.1		21.9	32.9
120	22.2		17.3	25.9





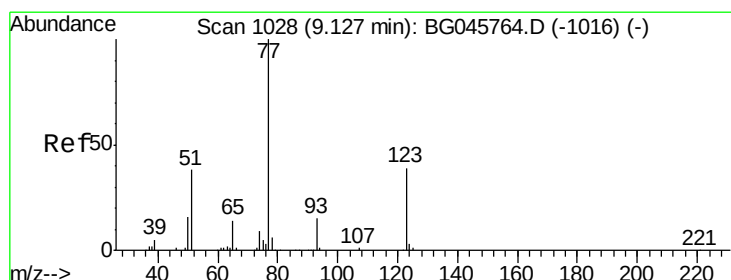
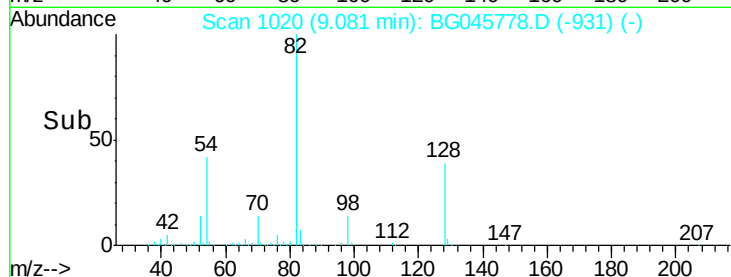
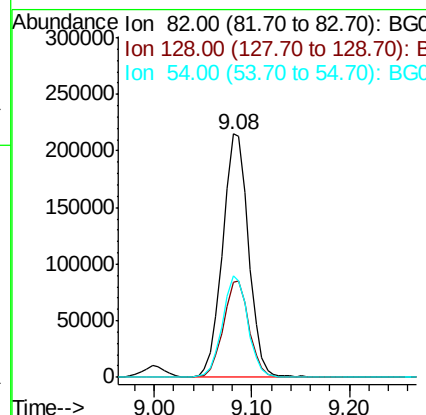
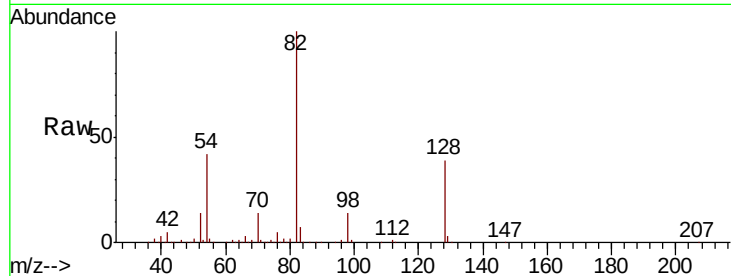
#23
 Nitrobenzene-d5
 Concen: 85.800 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.9	32.5	48.7	
54	41.6	31.2	46.8	

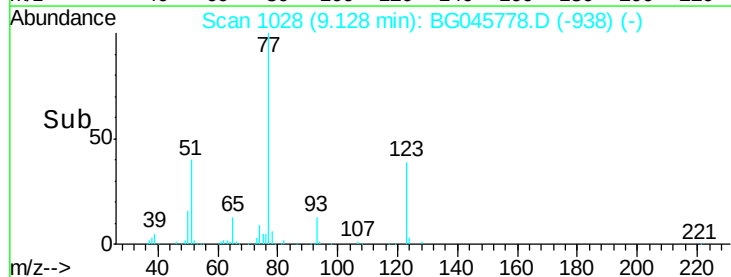
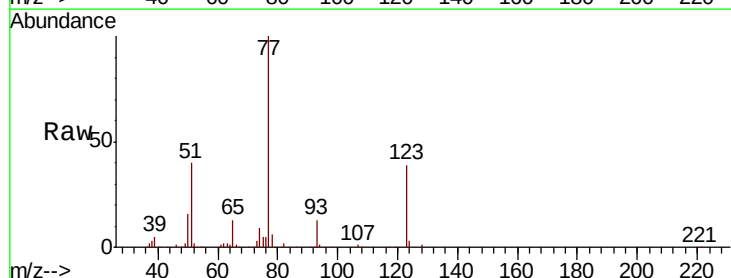
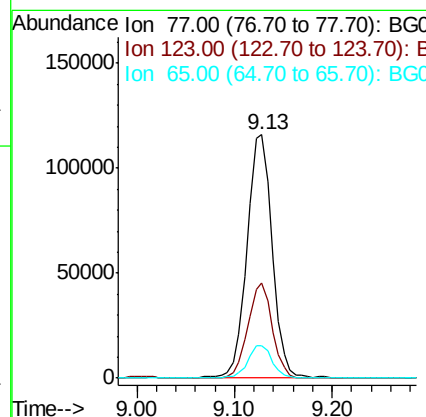
Manual Integrations
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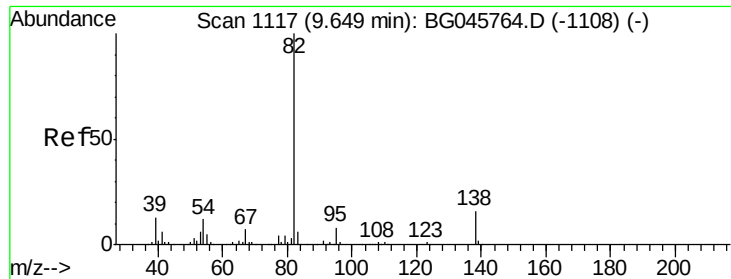
mohammad
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#24
 Nitrobenzene
 Concen: 42.360 ng
 RT: 9.13 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.1	31.2	46.8	
65	13.3	11.4	17.2	





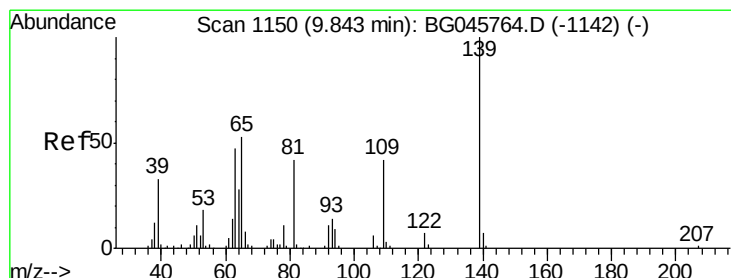
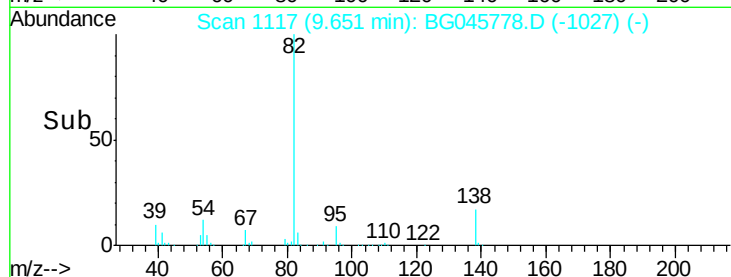
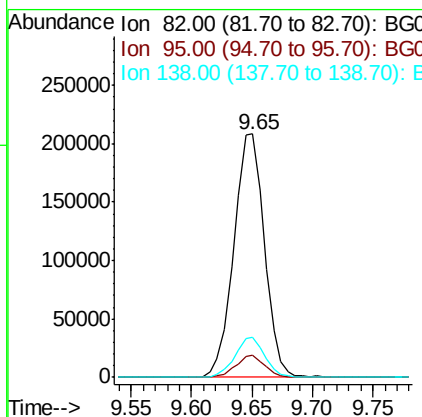
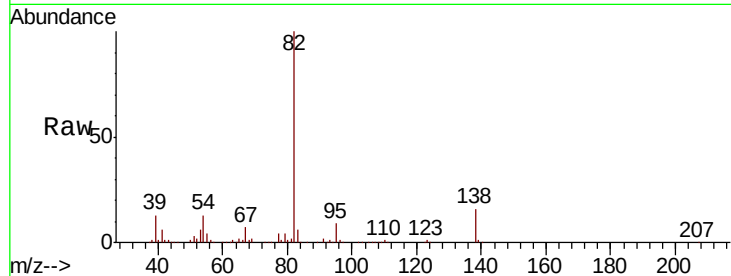
#25
Isophorone
Concen: 41.267 ng
RT: 9.65 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.1	6.2	9.4	
138	16.4	12.6	18.8	

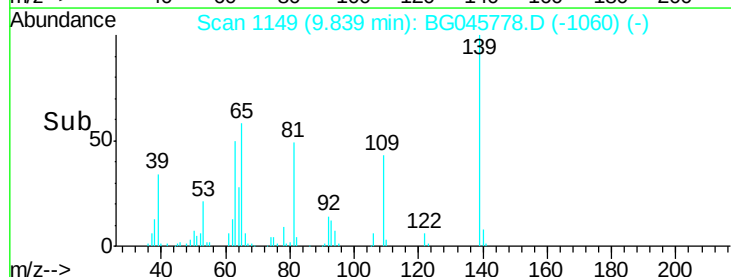
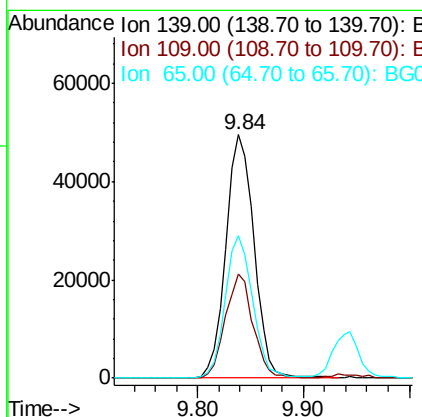
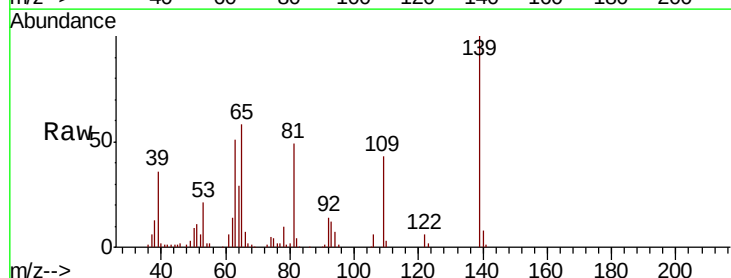
Manual Integrations
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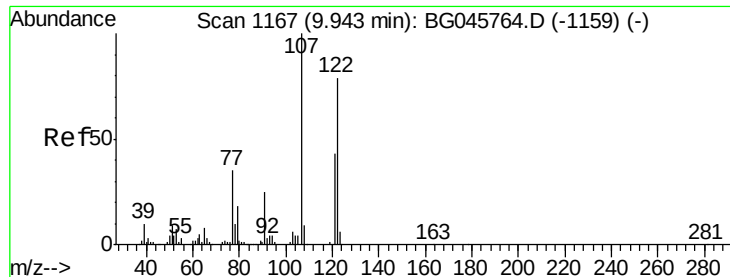
mohammad
6/18/2020 11:51:36 AM



#26
2-Nitrophenol
Concen: 44.590 ng
RT: 9.84 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	42.5	33.5	50.3	
65	58.5	42.2	63.4	





#27

2,4-Dimethylphenol

Concen: 43.777 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

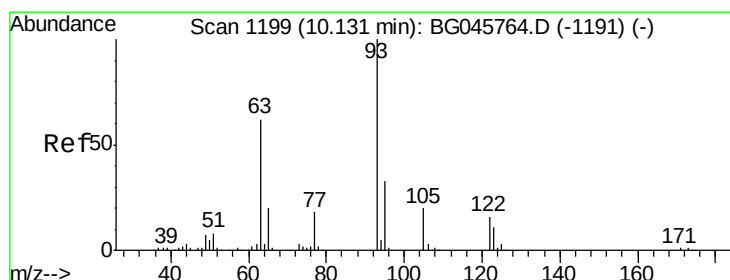
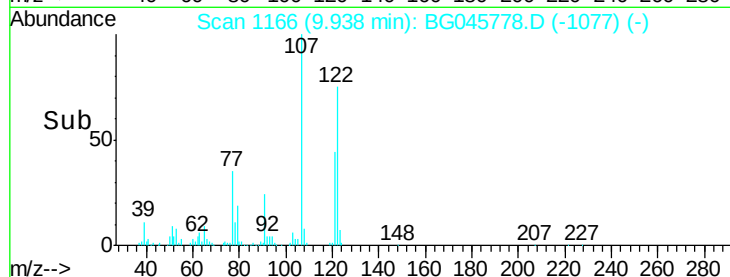
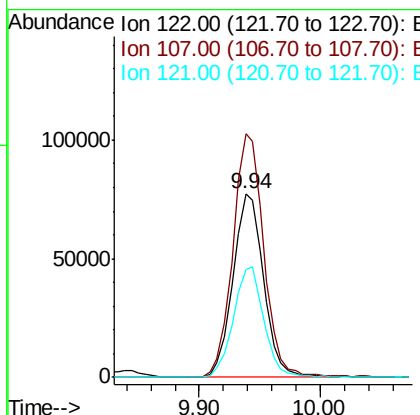
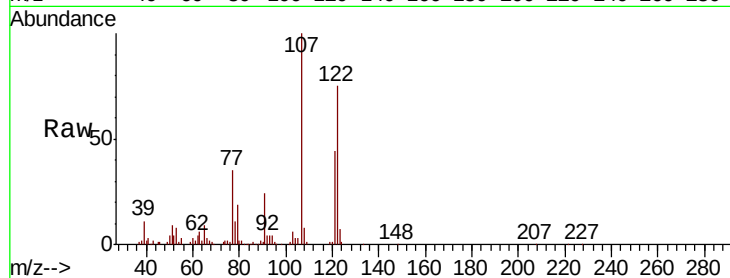
ClientSampleId :

HR-06-061120MSD

Tot Ion:	122	Resp:	136860
Ion Ratio	Lower	Upper	
122	100		
107	132.6	101.3	151.9
121	58.5	43.9	65.9

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#28

bis(2-Chloroethoxy)methane

Concen: 43.881 ng

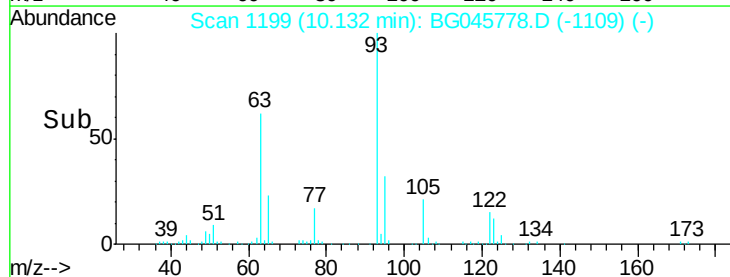
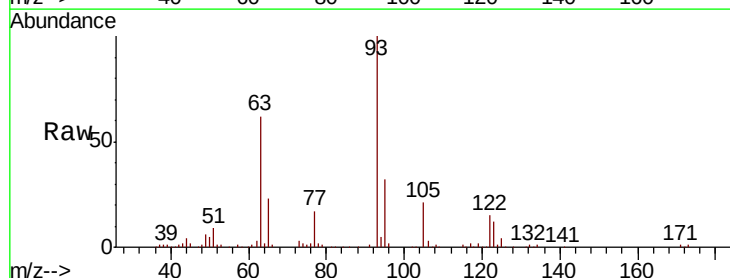
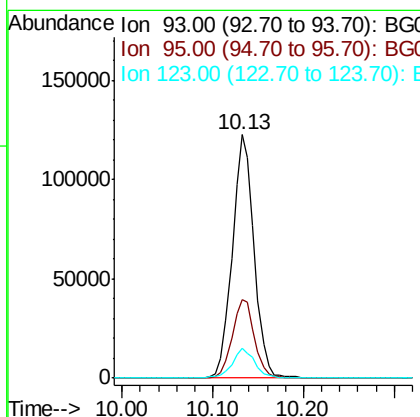
RT: 10.13 min Scan# 1199

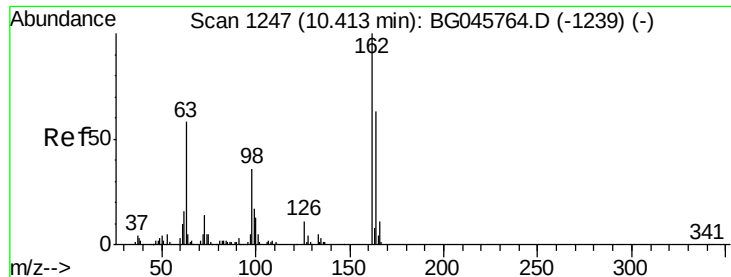
Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:	93	Resp:	204552
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	12.2	9.3	13.9





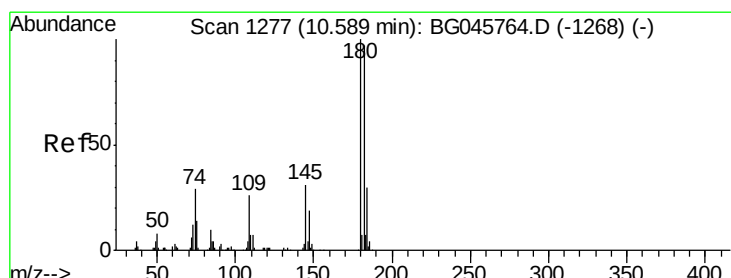
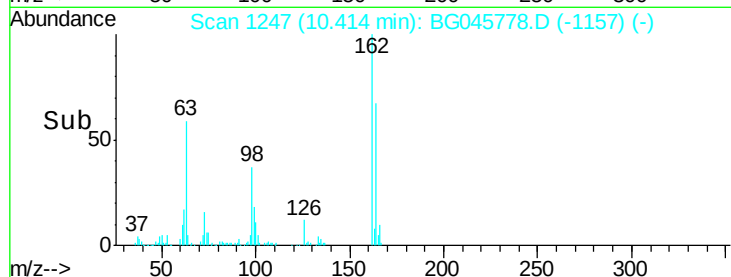
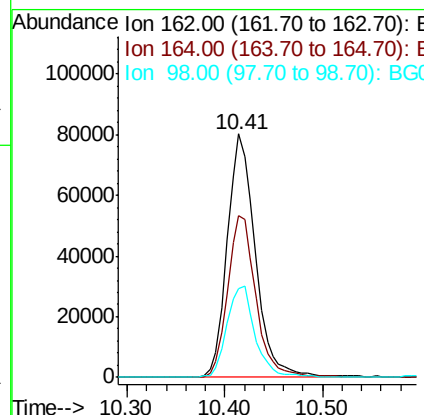
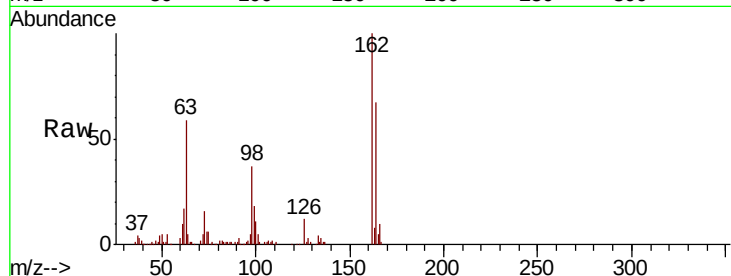
#29
 2,4-Dichlorophenol
 Concen: 43.883 ng
 RT: 10.41 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	160065		
164	66.6	43.3	83.3	
98	36.6	15.5	55.5	

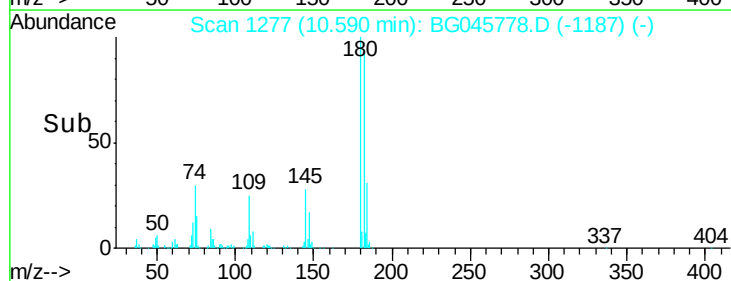
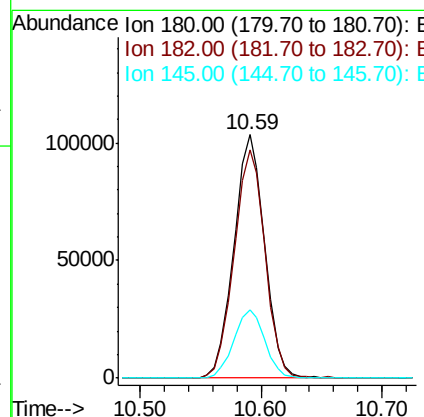
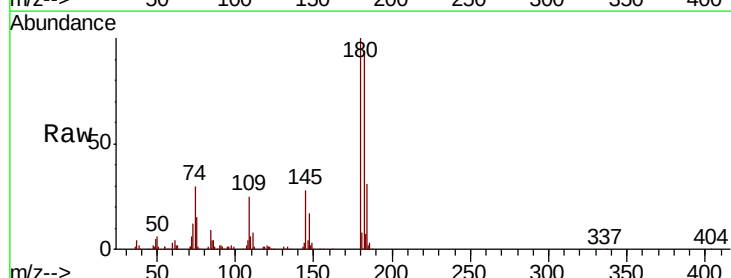
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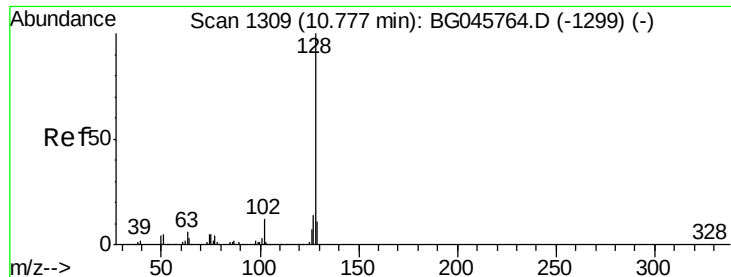
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.221 ng
 RT: 10.59 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	182315		
182	93.8	77.8	116.6	
145	28.1	24.5	36.7	





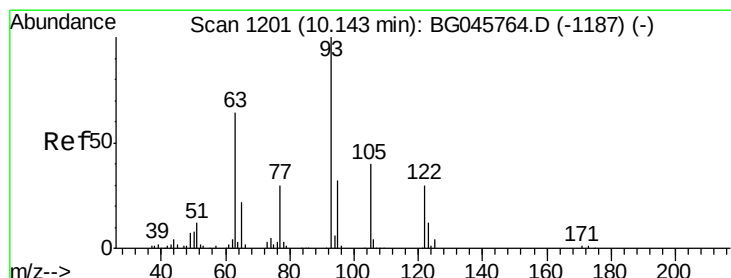
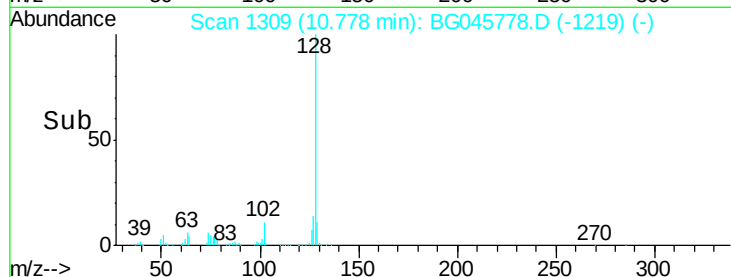
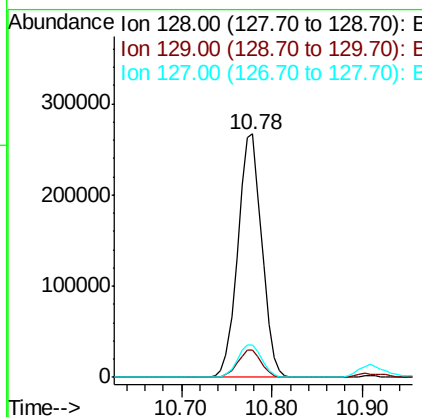
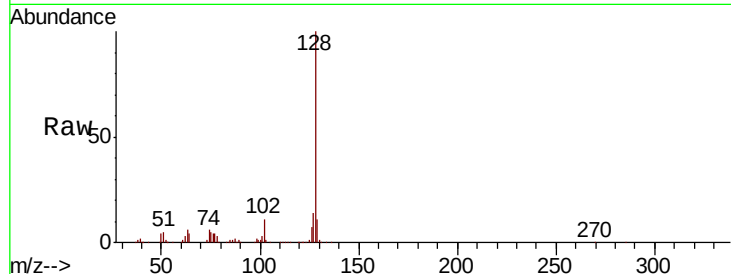
#31
Naphthalene
Concen: 42.594 ng
RT: 10.78 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.5	10.9	16.3

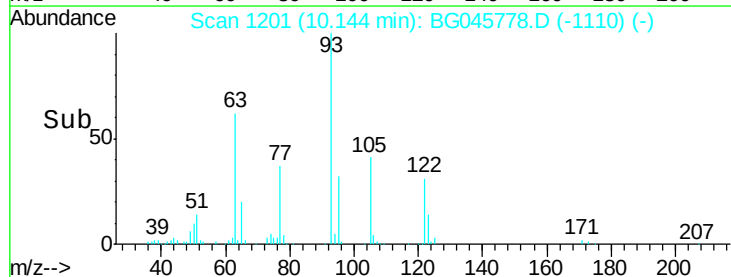
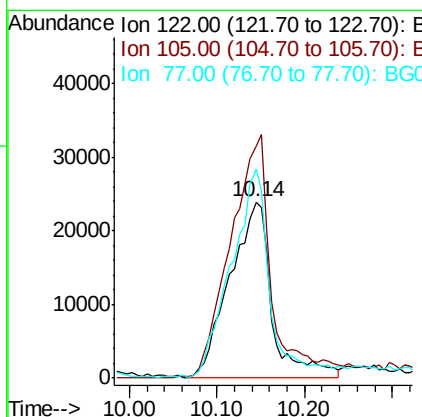
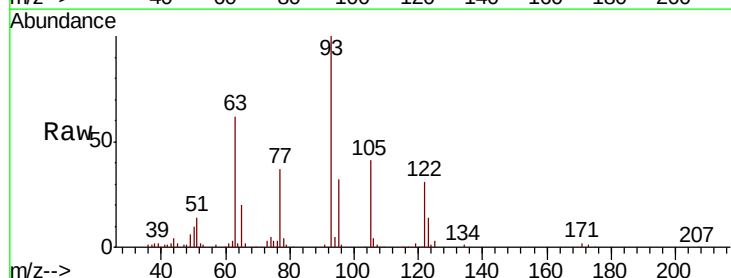
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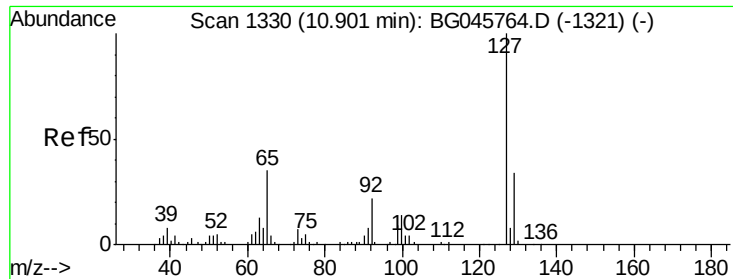
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#32
Benzoic acid
Concen: 40.454 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.1	112.9	152.9
77	119.1	79.2	119.2





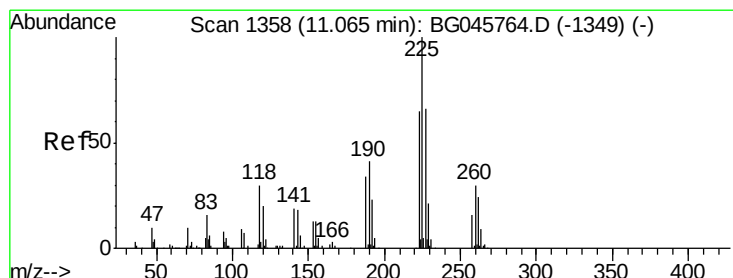
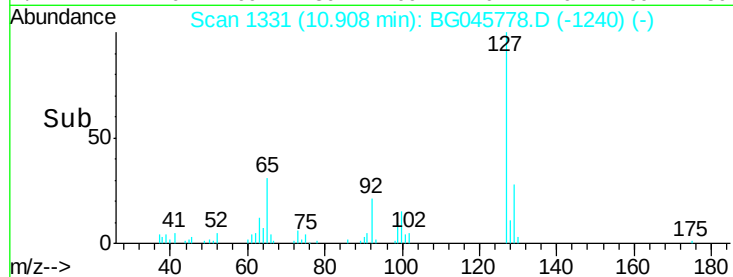
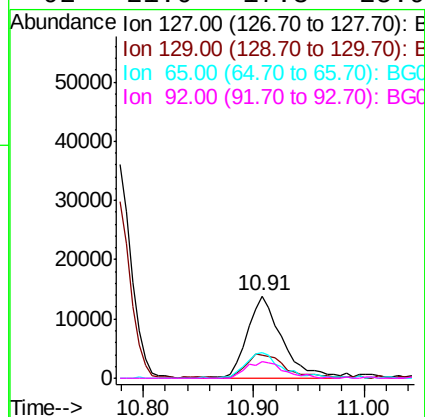
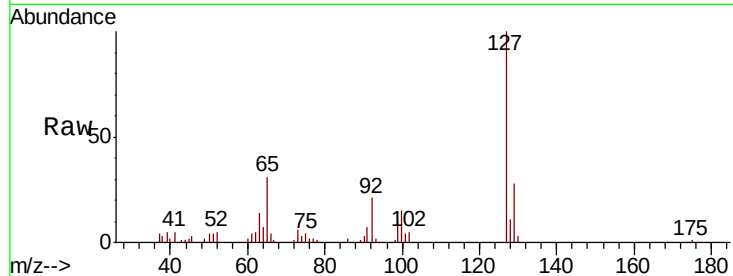
#33
4-Chloroaniline
Concen: 6.353 ng
RT: 10.91 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	28.2	26.8	40.2		
65	31.2	27.8	41.8		
92	21.0	17.3	25.9		

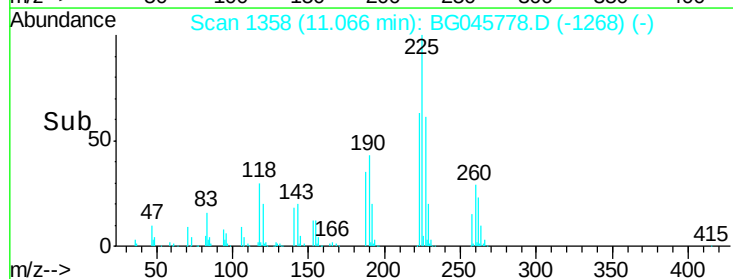
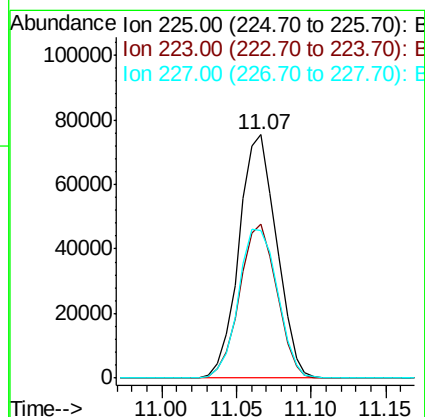
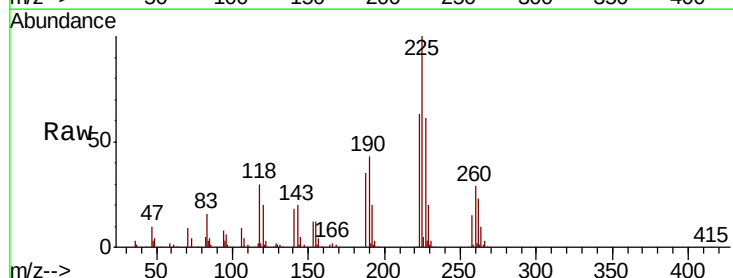
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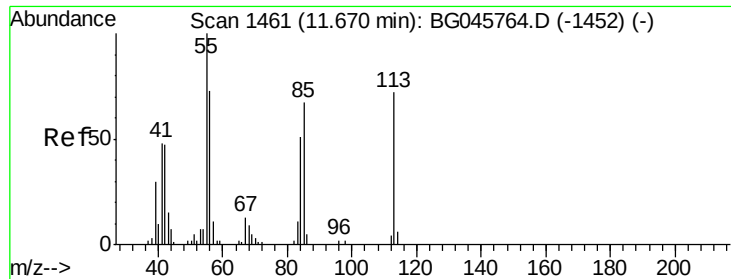
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#34
Hexachlorobutadiene
Concen: 42.855 ng
RT: 11.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	52.0	78.0		
227	60.8	52.5	78.7		





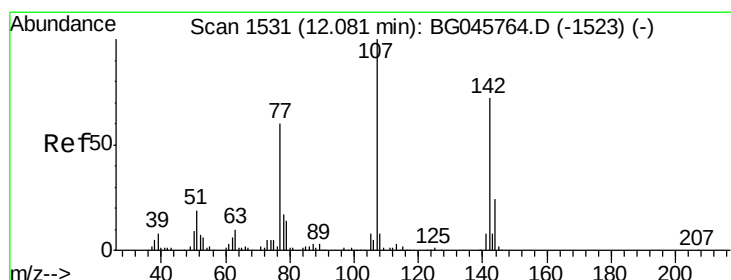
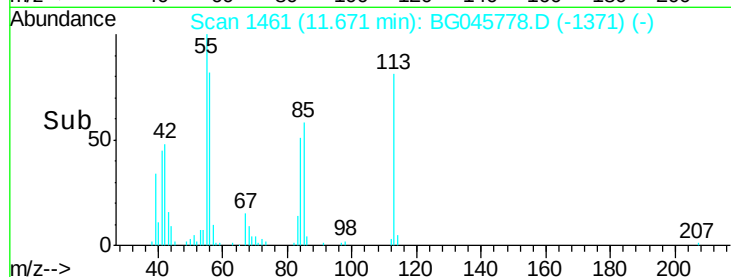
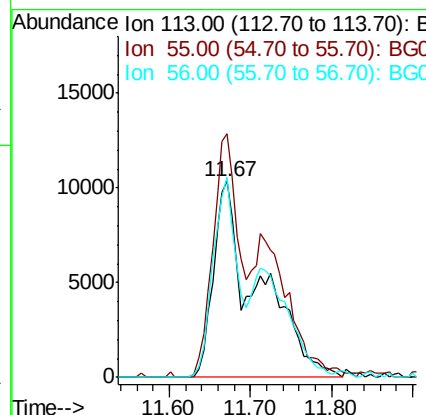
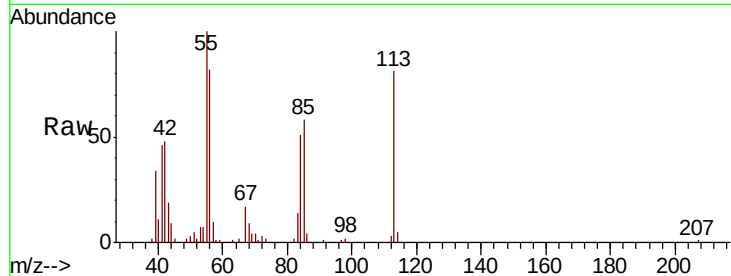
#35
 Caprolactam
 Concen: 33.150 ng/ml
 RT: 11.67 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	124.2	119.7	159.7
56	101.8	82.5	122.5

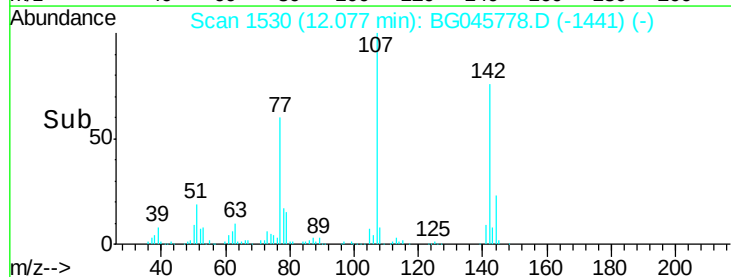
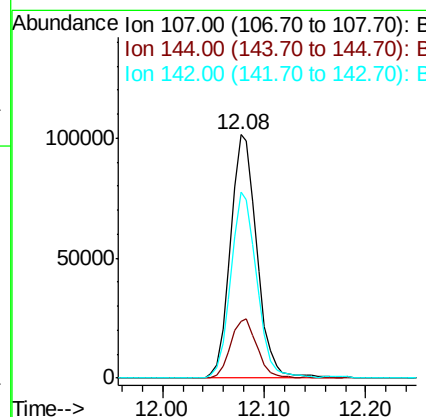
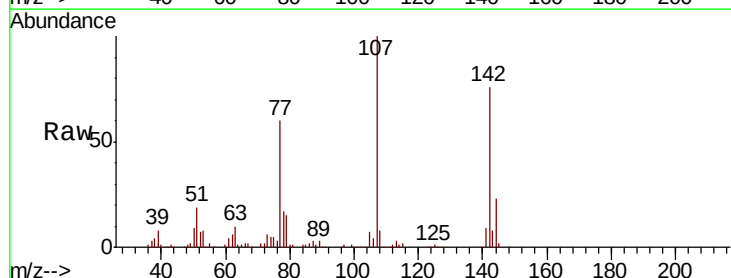
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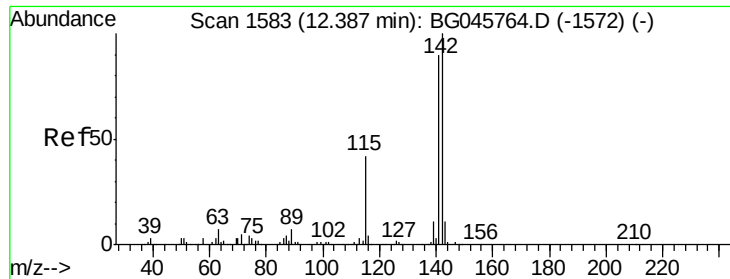
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#36
 4-Chloro-3-methylphenol
 Concen: 43.723 ng
 RT: 12.08 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.5	29.3
142	76.2	57.4	86.0





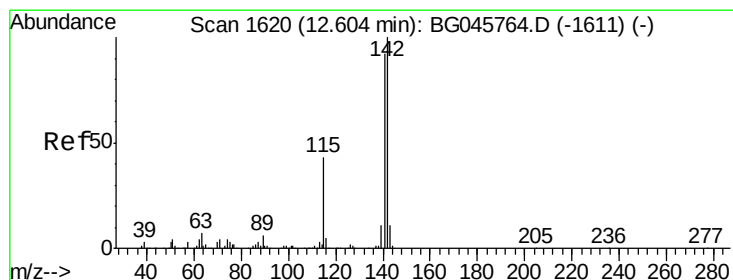
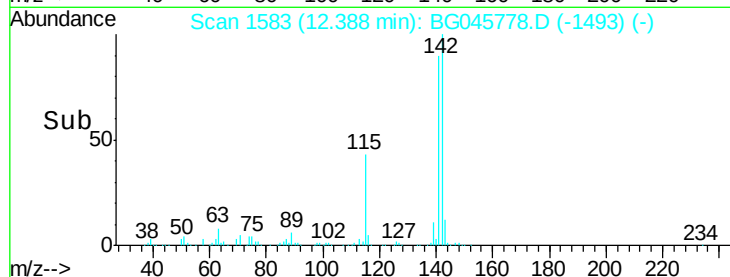
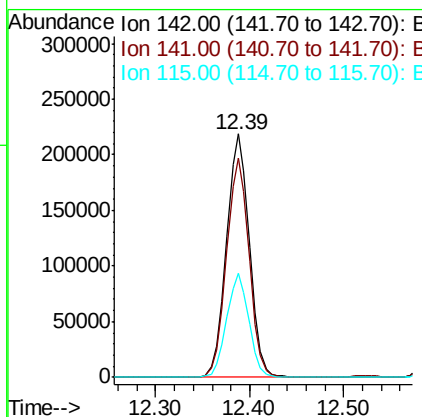
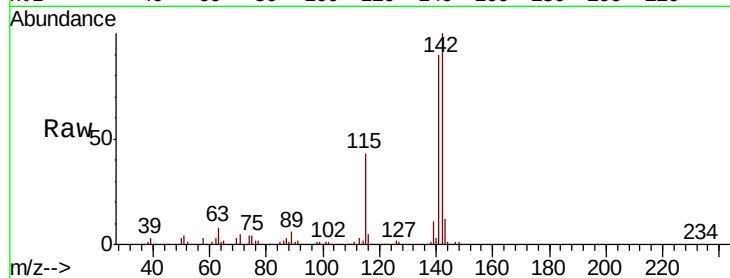
#37
2-Methylnaphthalene
Concen: 43.057 ng
RT: 12.39 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.7	107.5
115	42.6	33.8	50.6

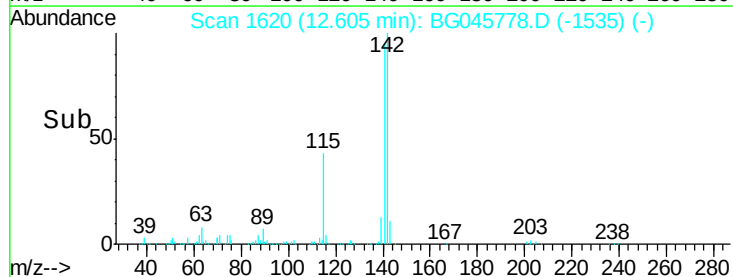
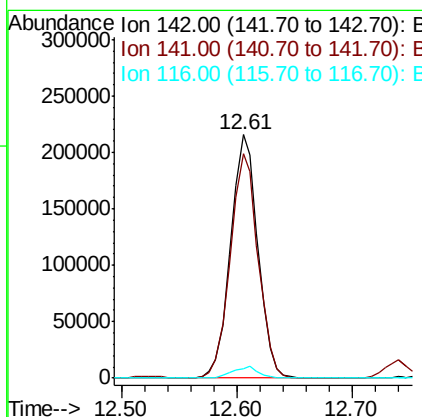
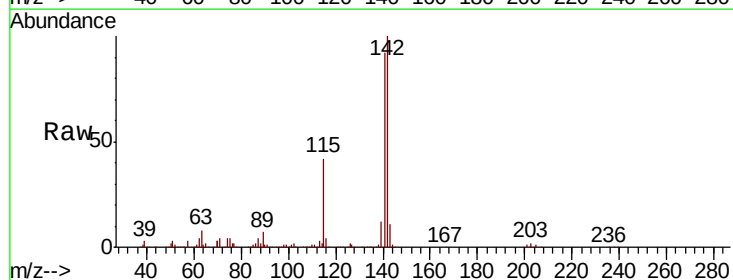
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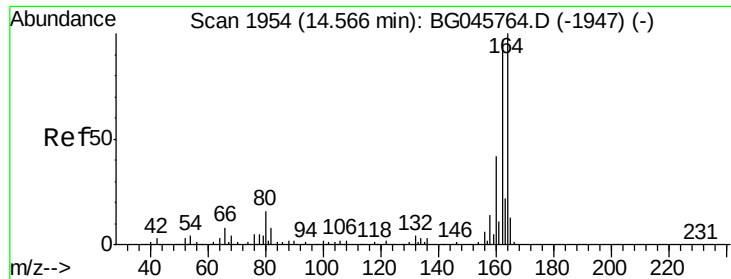
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#38
1-Methylnaphthalene
Concen: 43.482 ng
RT: 12.61 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.8	110.8
116	4.1	3.8	5.8





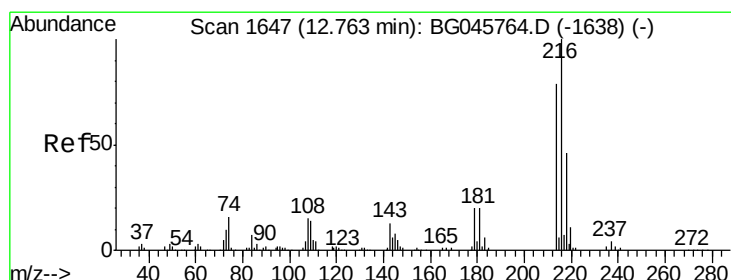
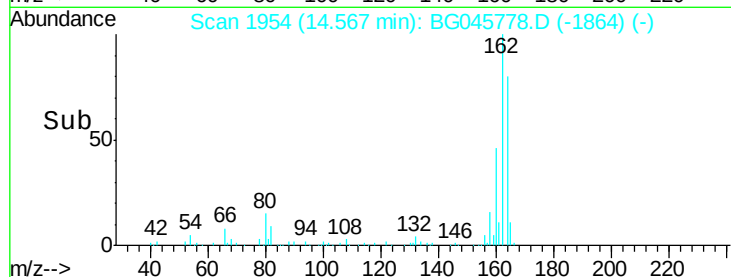
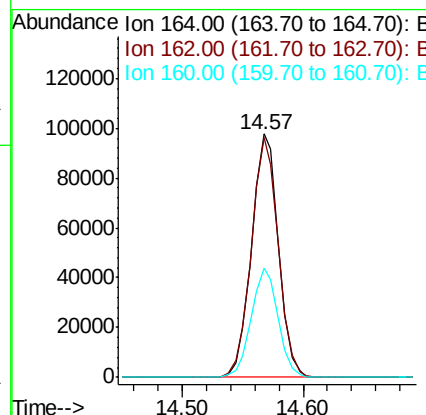
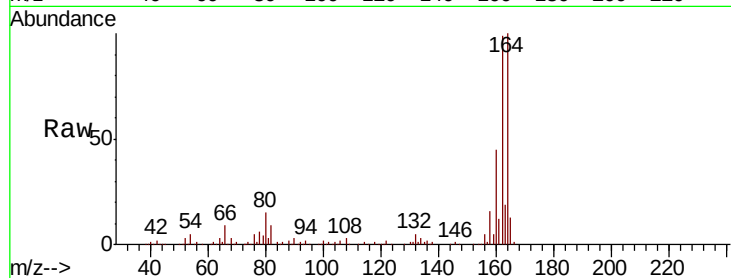
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.6	77.4	116.0
160	44.9	33.3	49.9

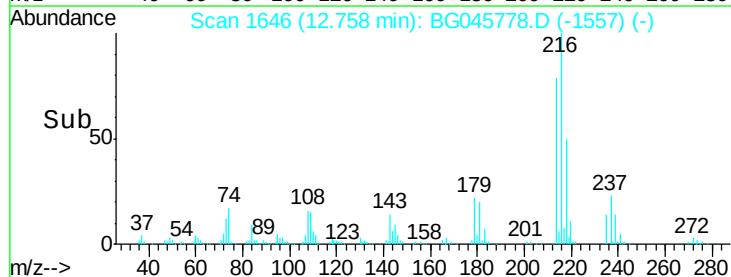
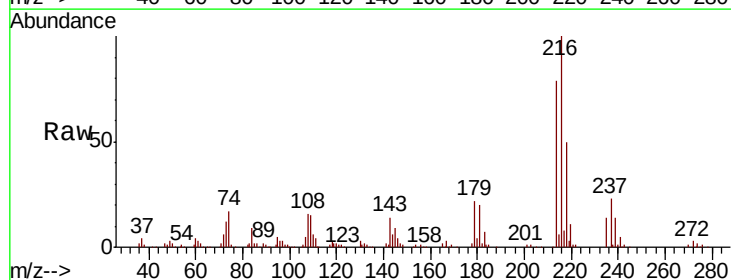
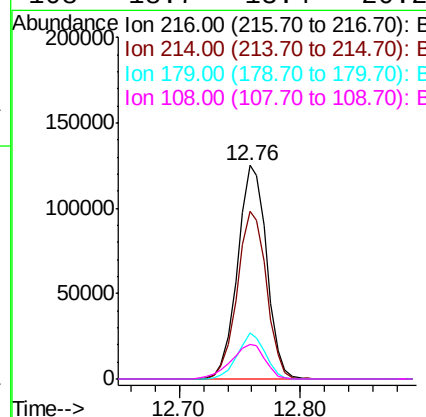
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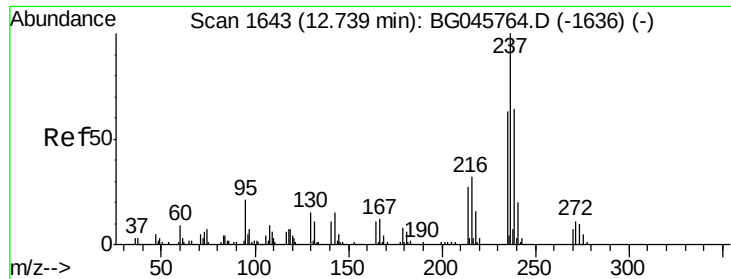
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.105 ng
RT: 12.76 min Scan# 1646
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.8	94.2
179	20.5	16.2	24.4
108	18.7	13.4	20.2





#41

Hexachlorocyclopentadiene

Concen: 76.564 ng

RT: 12.74 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

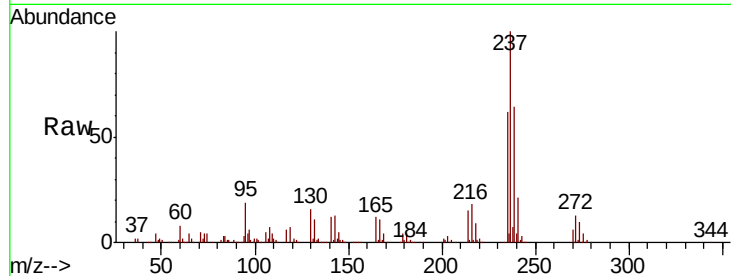
ClientSampleId :

HR-06-061120MSD

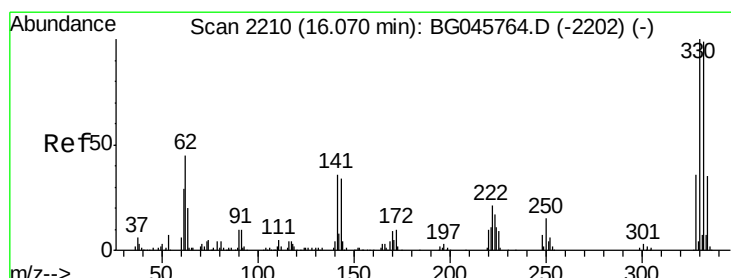
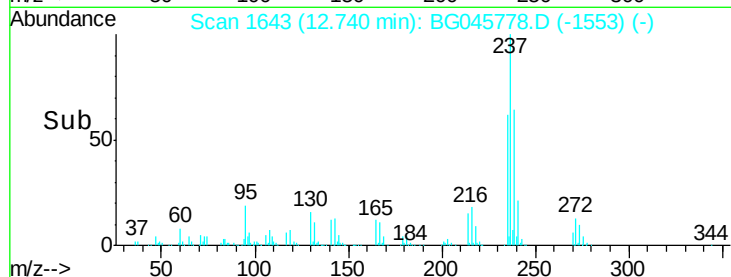
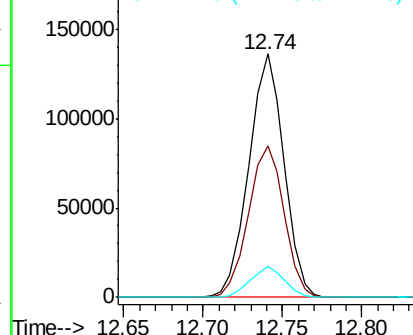
Tot Ion	Ratio	Resp	Lower	Upper
237	100	209387		
235	62.1	42.9	82.9	
272	12.8	0.0	30.9	

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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: 127.143 ng

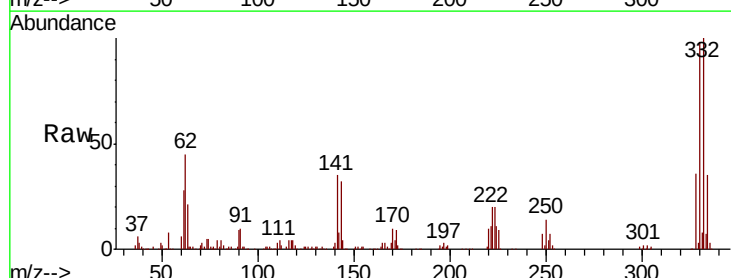
RT: 16.07 min Scan# 2210

Delta R.T. 0.00 min

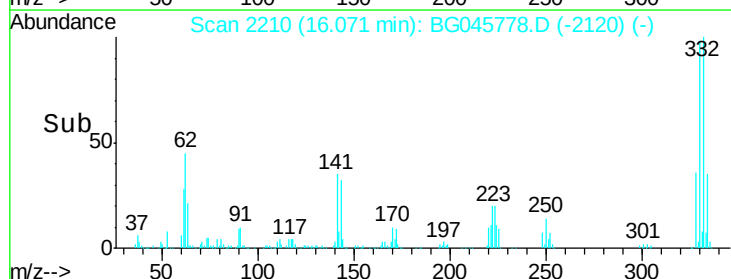
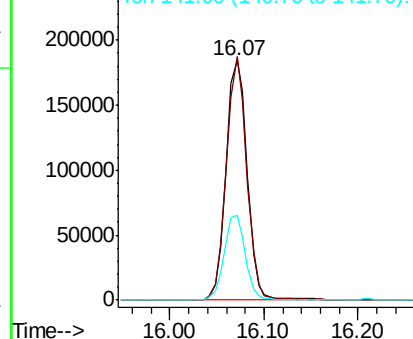
Lab File: BG045778.D

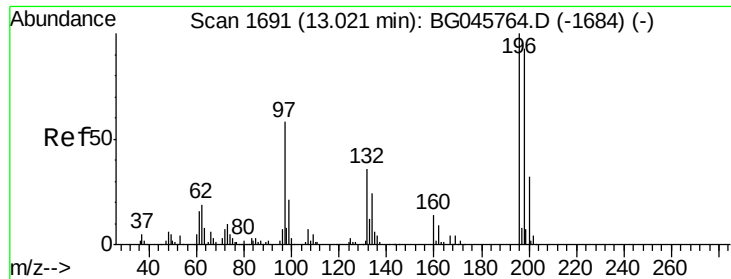
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	290154		
332	98.0	78.6	117.8	
141	35.3	28.2	42.4	



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





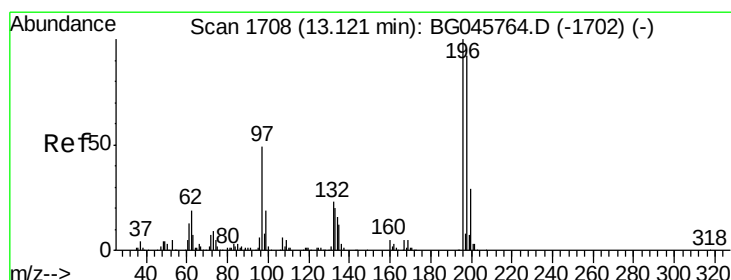
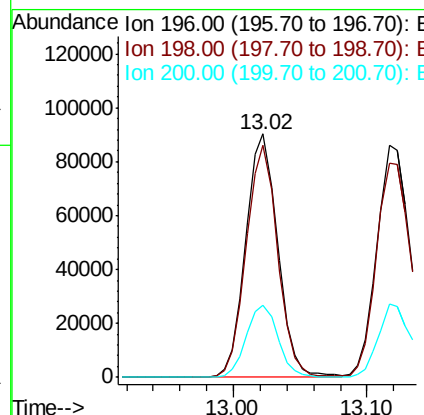
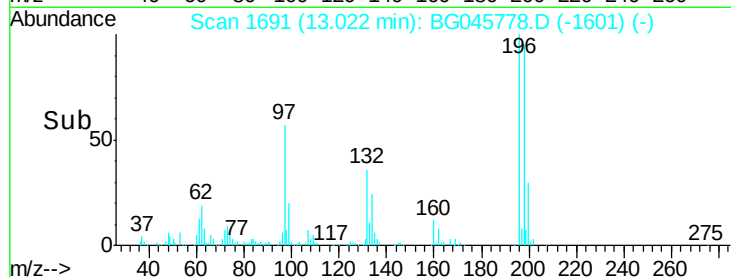
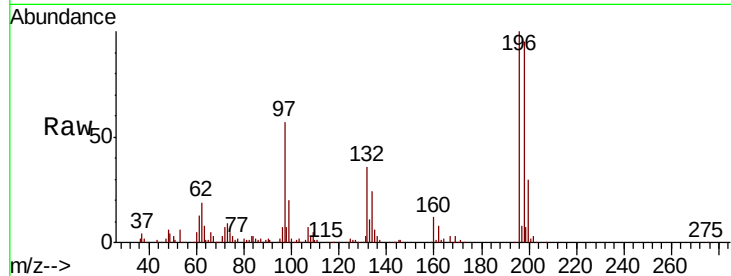
#43
 2,4,6-Trichlorophenol
 Concen: 44.232 ng
 RT: 13.02 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.4	111.6
200	29.7	25.4	38.2

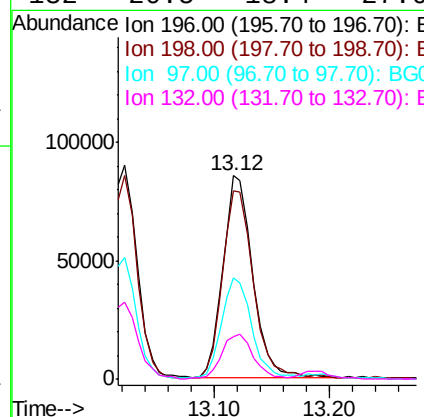
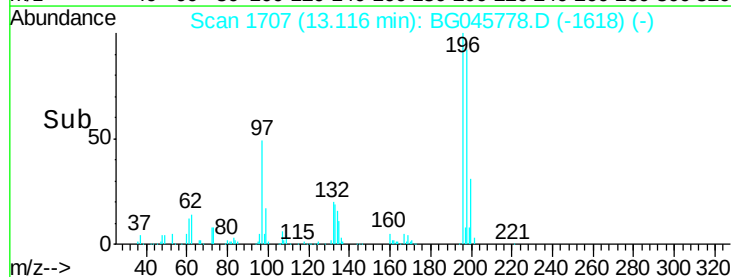
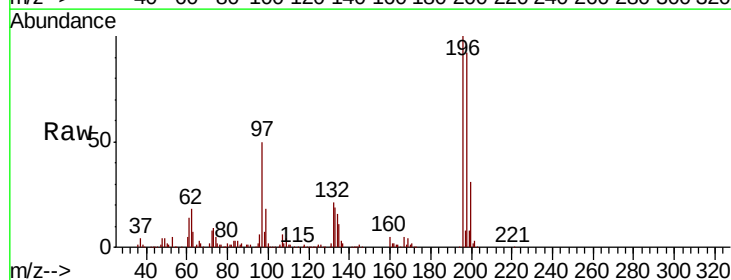
Manual Integrations
 APPROVED

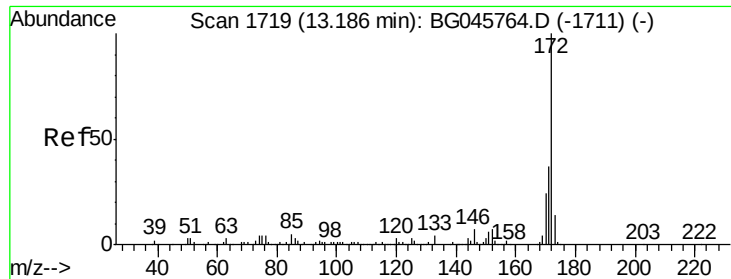
mohammad
 6/18/2020 11:51:36 AM



#44
 2,4,5-Trichlorophenol
 Concen: 39.828 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.4	74.0	111.0
97	49.8	39.0	58.6
132	20.5	18.4	27.6





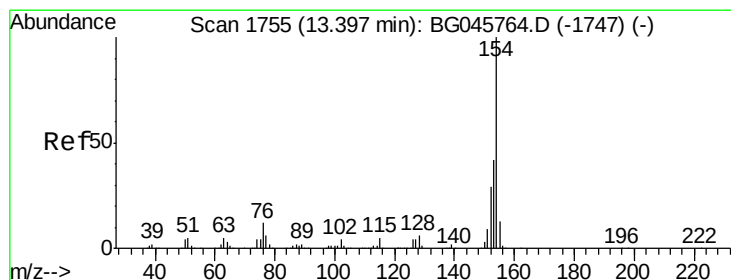
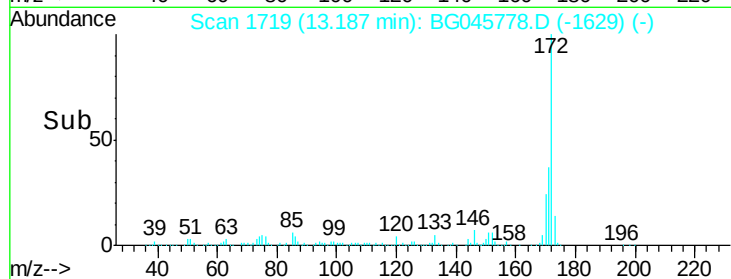
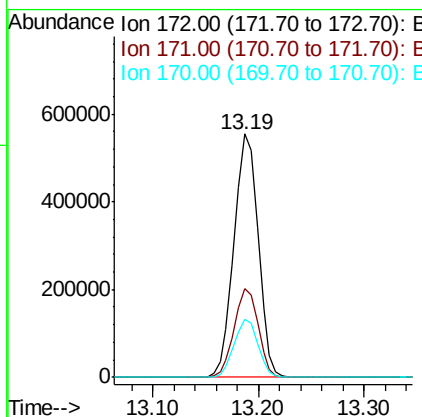
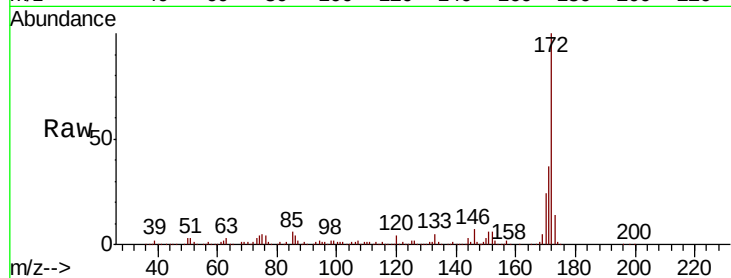
#45
2-Fluorobiphenyl
Concen: 85.130 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	875645		
171	36.6		29.9	44.9
170	23.7		19.3	28.9

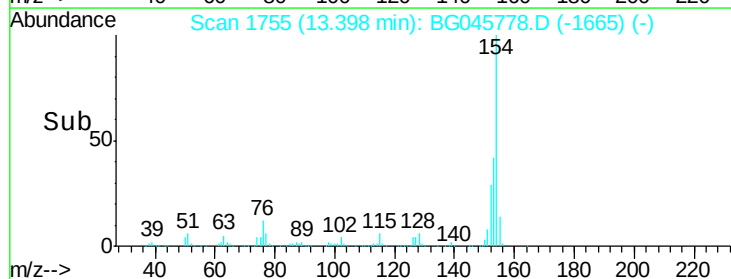
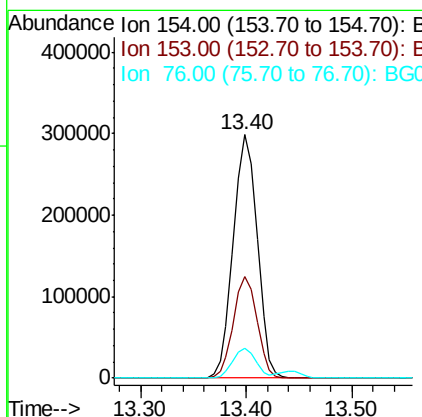
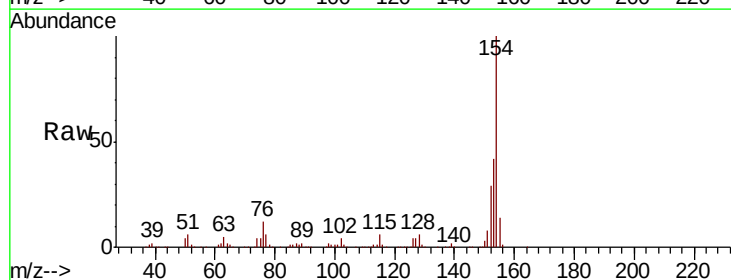
Manual Integrations
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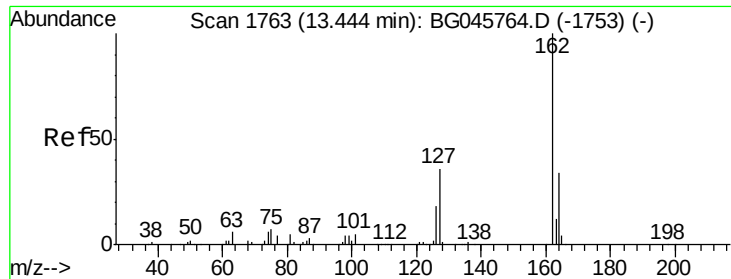
mohammad
6/18/2020 11:51:36 AM



#46
1,1'-Biphenyl
Concen: 43.391 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	469581		
153	41.6		21.7	61.7
76	12.3		0.0	32.0





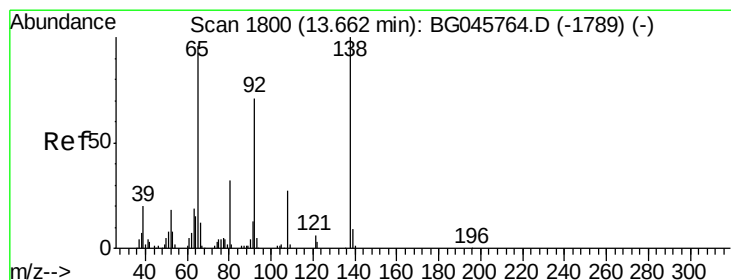
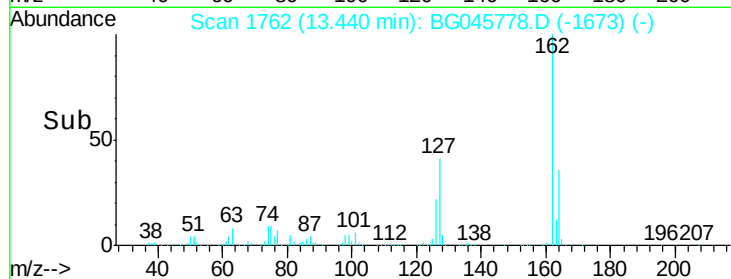
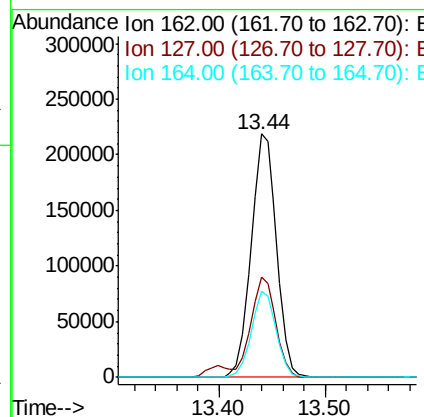
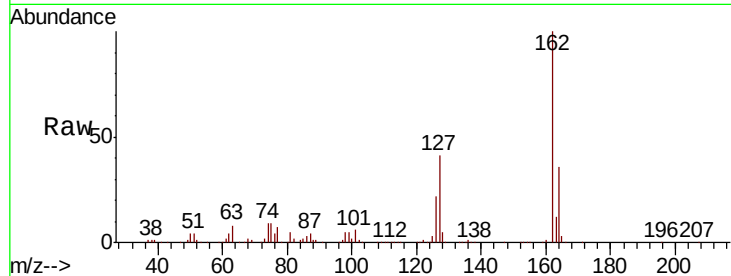
#47
2-Chloronaphthalene
Concen: 41.712 ng
RT: 13.44 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	30.5	45.7
164	35.5	27.2	40.8

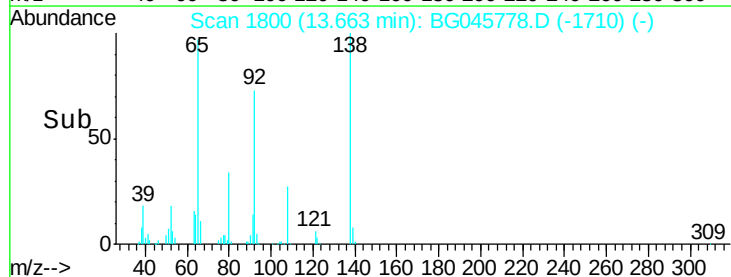
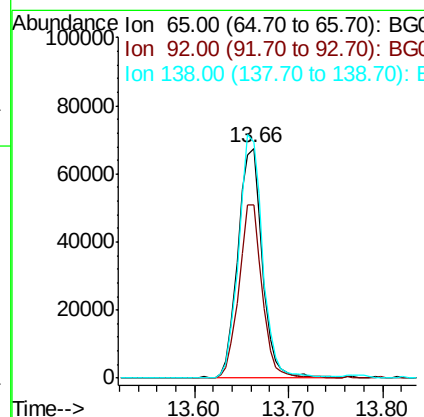
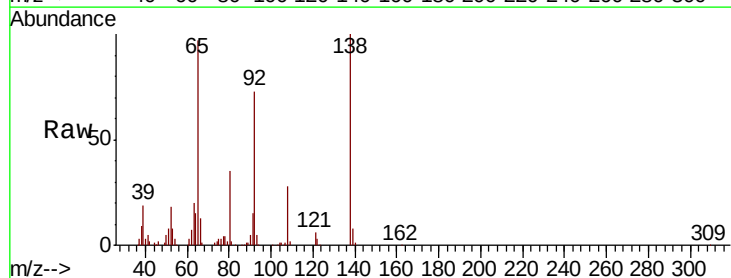
Manual Integrations
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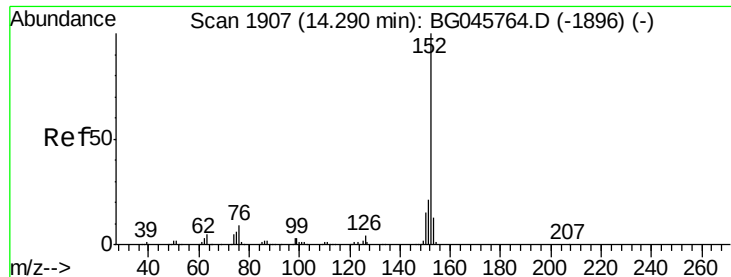
mohammad
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#48
2-Nitroaniline
Concen: 42.054 ng
RT: 13.66 min Scan# 1800
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.1	59.0	88.6
138	102.8	83.6	125.4





#49

Acenaphthylene

Concen: 41.856 ng

RT: 14.29 min Scan# 1907

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

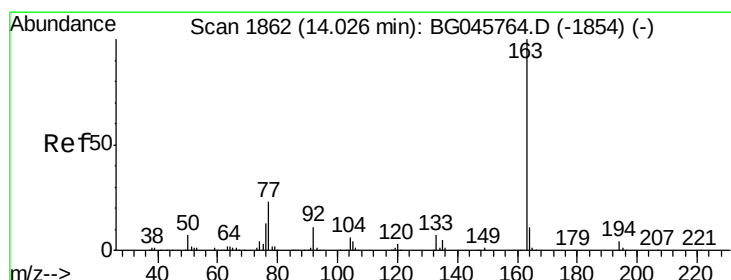
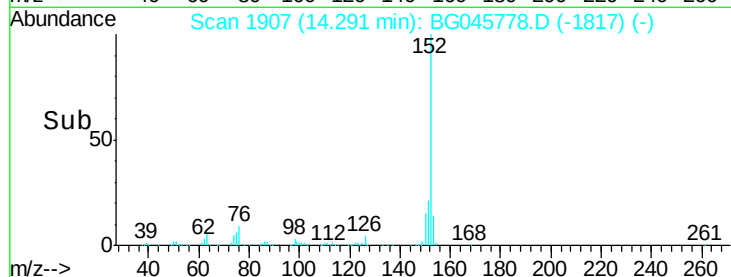
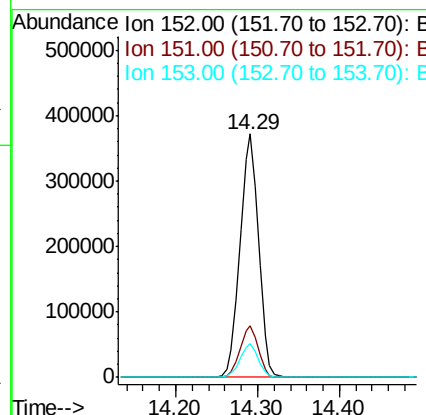
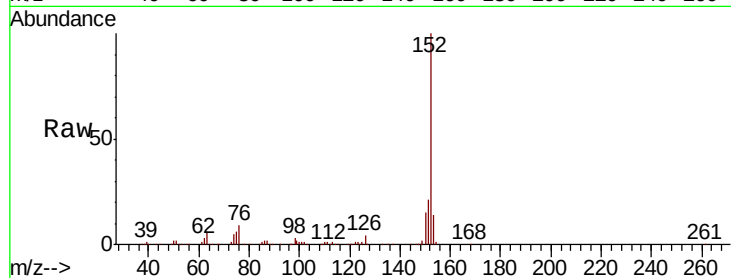
ClientSampleId :

HR-06-061120MSD

Tot Ion:	152	Resp:	586087
Ion Ratio	Lower	Upper	
152	100		
151	20.9	17.0	25.4
153	13.8	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 50.048 ng

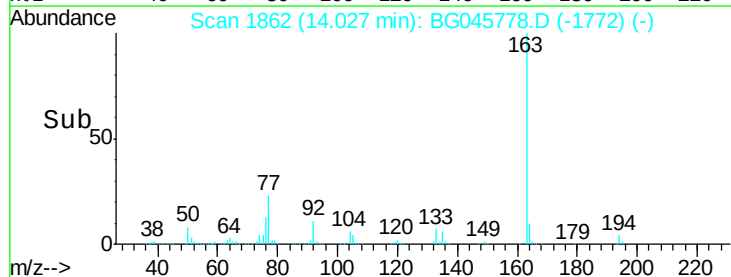
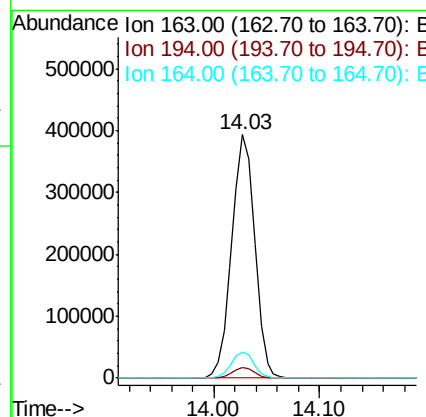
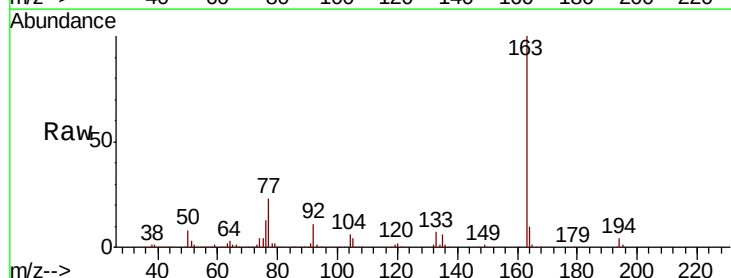
RT: 14.03 min Scan# 1862

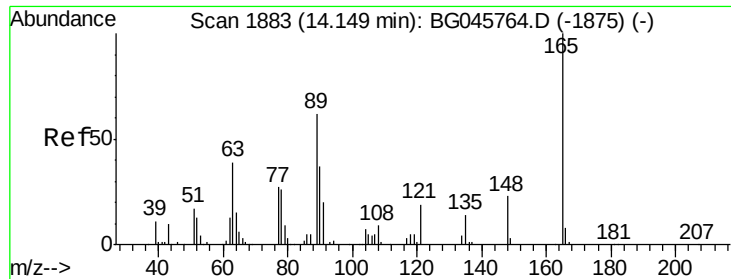
Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:	163	Resp:	592658
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.0
164	10.5	8.9	13.3





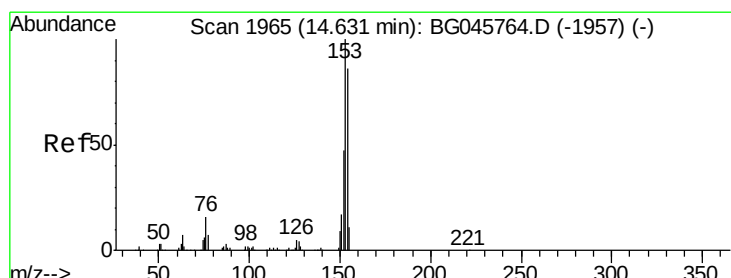
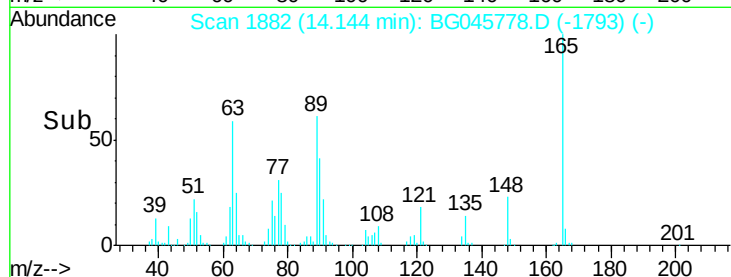
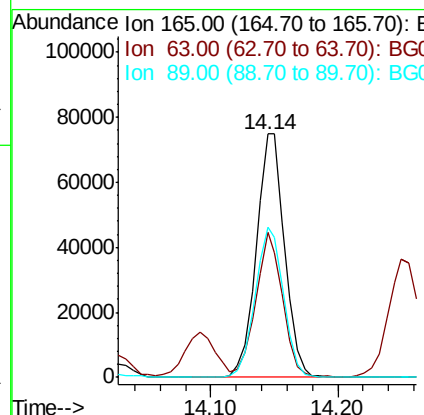
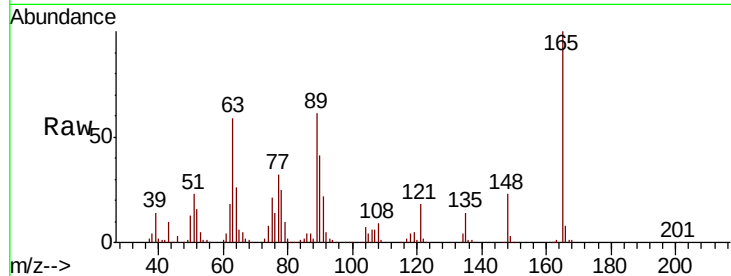
#51
2,6-Dinitrotoluene
Concen: 43.590 ng
RT: 14.14 min Scan# 1882
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	115936		
63	59.3	41.2	61.8	
89	61.5	49.7	74.5	

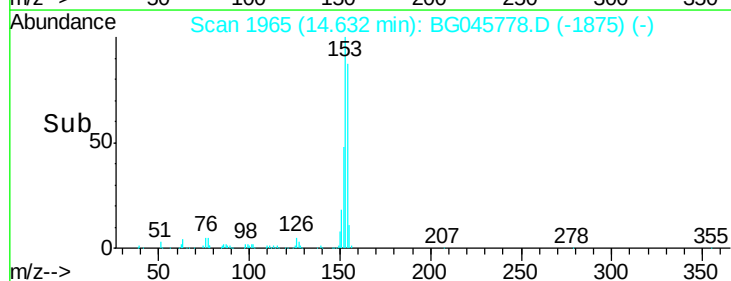
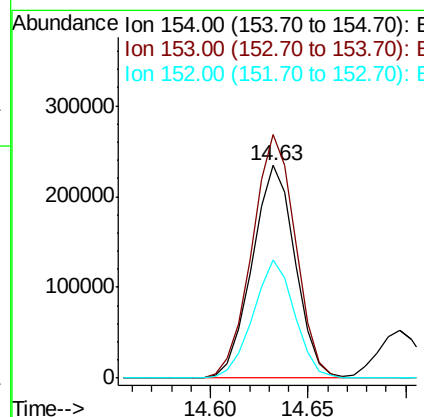
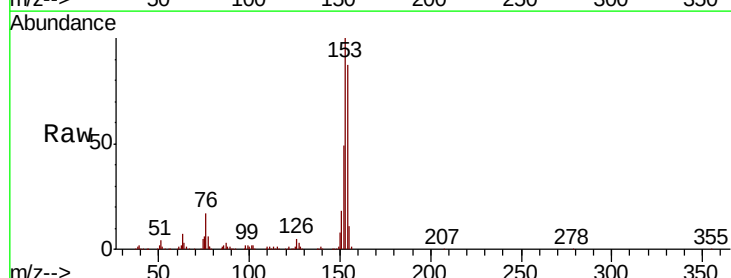
Manual Integrations
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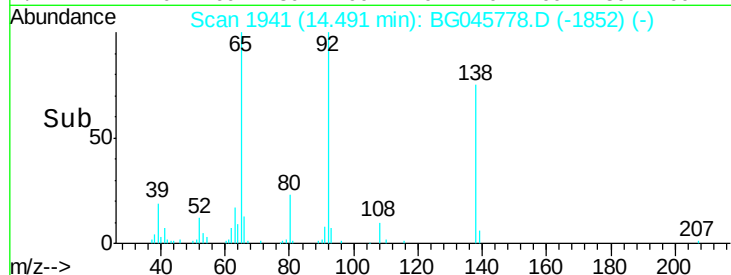
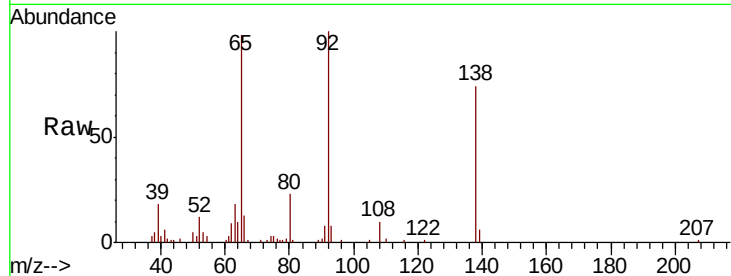
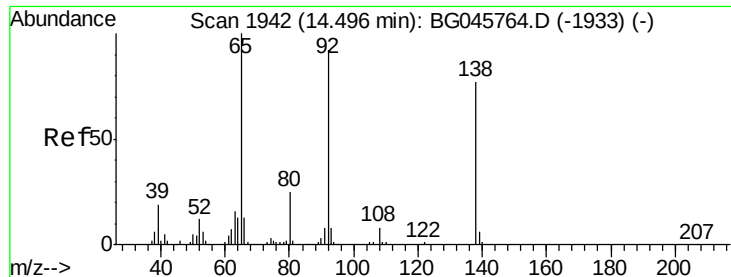
mohammad
6/18/2020 11:51:36 AM



#52
Acenaphthene
Concen: 42.135 ng
RT: 14.63 min Scan# 1965
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	357619		
153	114.5	93.0	139.4	
152	55.8	43.7	65.5	





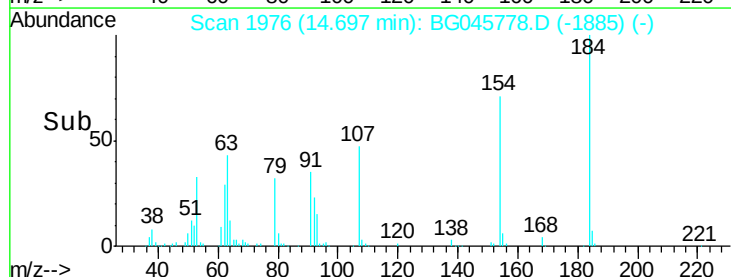
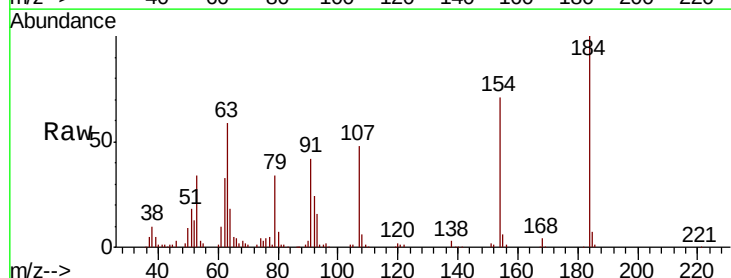
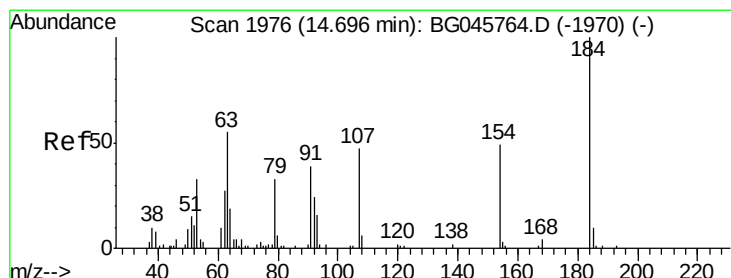
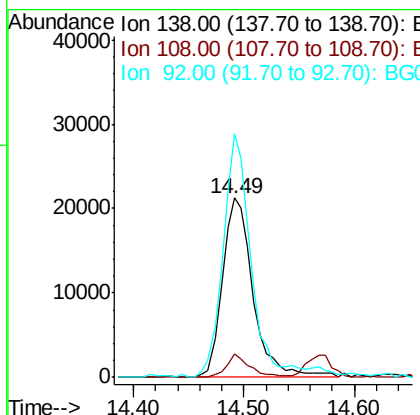
#53
3-Nitroaniline
Concen: 15.503 ng
RT: 14.49 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.2	8.4	12.6#
92	135.9	95.6	143.4

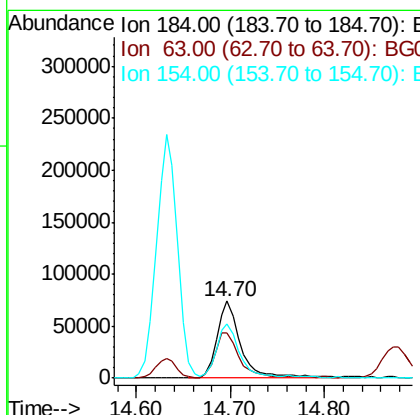
Manual Integrations
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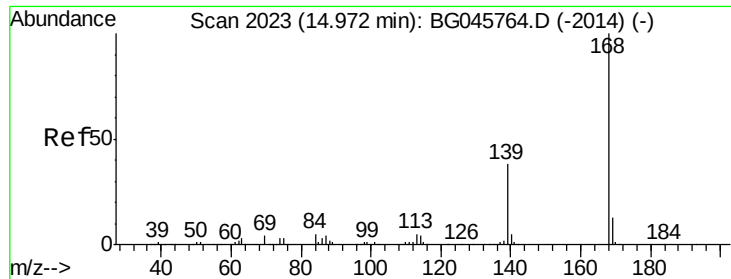
mohammad
6/18/2020 11:51:36 AM



#54
2,4-Dinitrophenol
Concen: 87.271 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.6	46.6	70.0
154	71.1	58.6	87.8





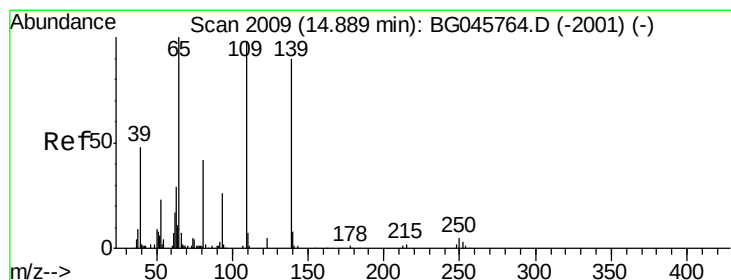
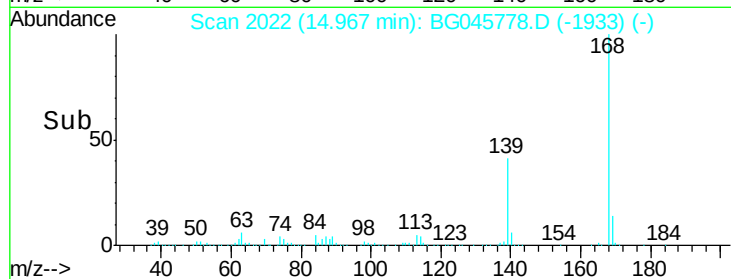
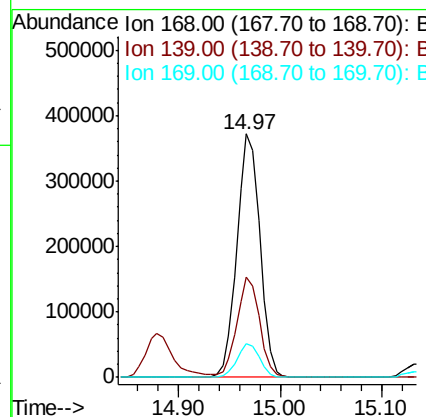
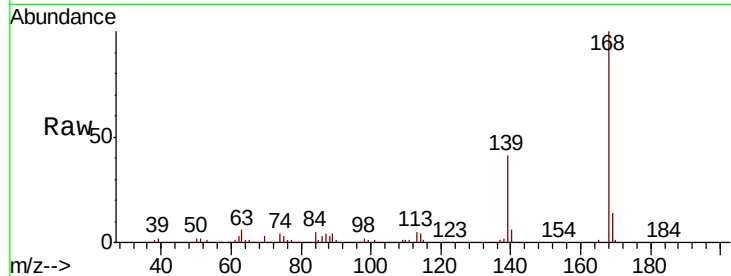
#55
Dibenzofuran
Concen: 42.580 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.8	47.6
169	13.8	10.4	15.6

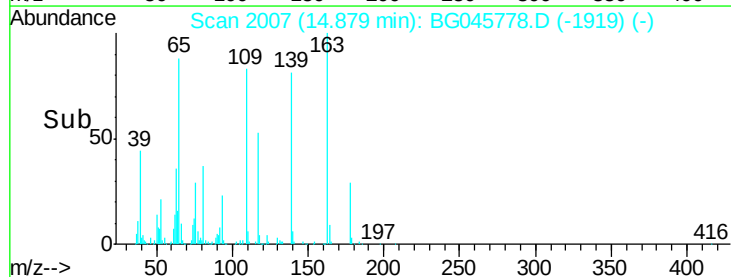
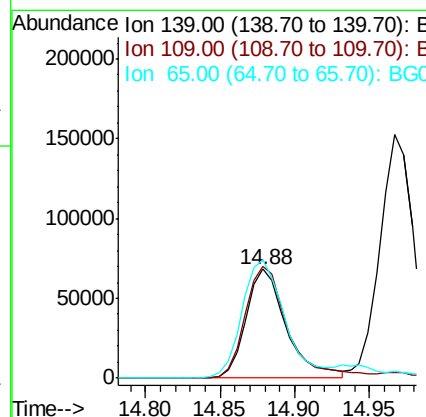
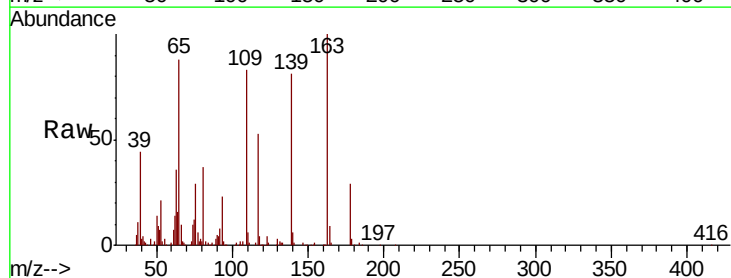
Manual Integrations
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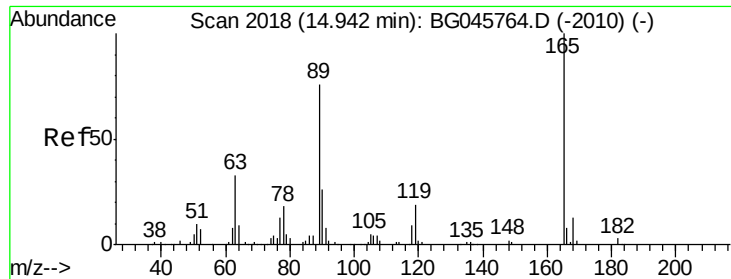
mohammad
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#56
4-Nitrophenol
Concen: 67.485 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.3	88.9	128.9
65	109.1	92.3	132.3





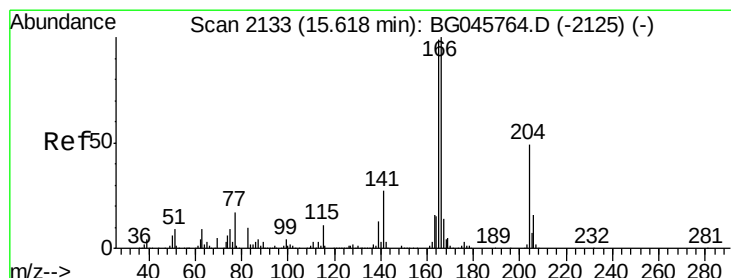
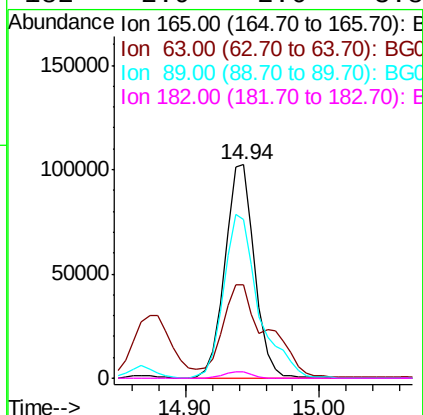
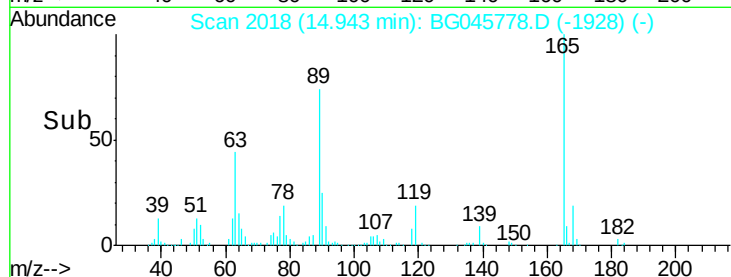
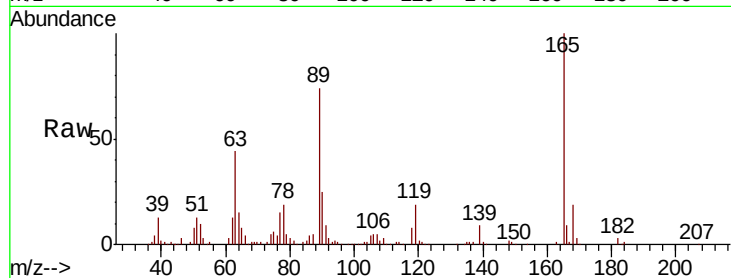
#57
2,4-Dinitrotoluene
Concen: 41.809 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.8	33.8	50.8
89	74.5	60.4	90.6
182	2.9	2.6	3.8

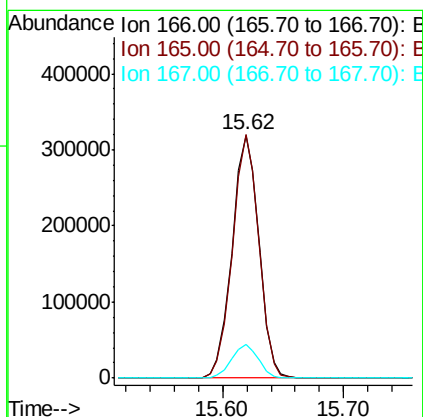
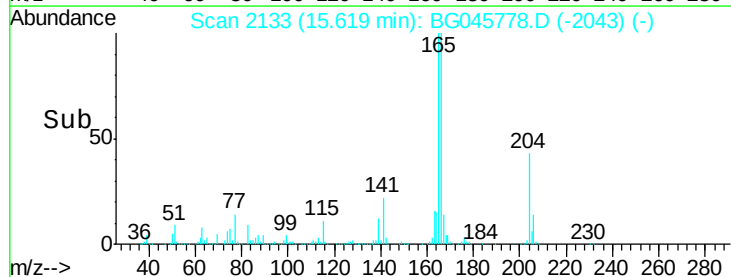
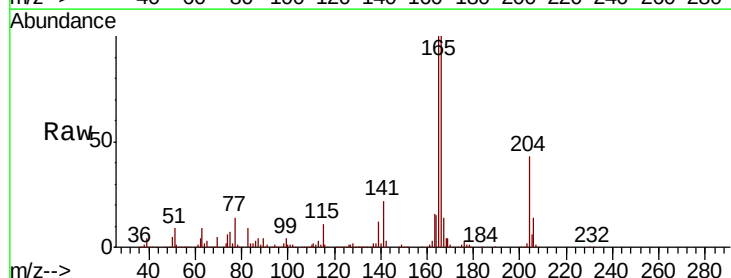
Manual Integrations
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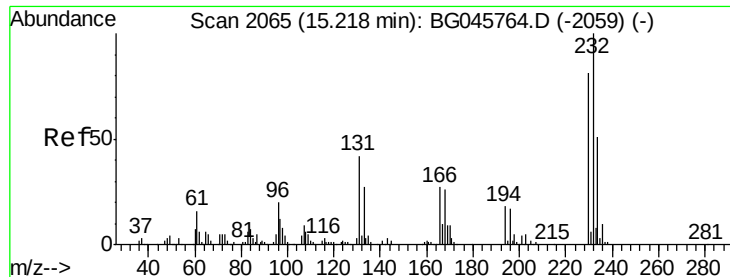
mohammad
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#58
Fluorene
Concen: 42.999 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	79.1	118.7
167	14.1	11.5	17.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.066 ng

RT: 15.22 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

Tot Ion:232 Resp: 150439

Ion Ratio Lower Upper

232 100

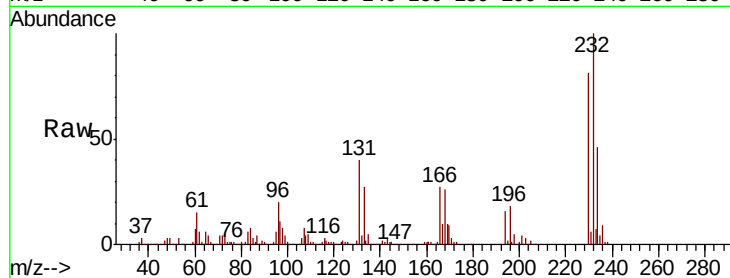
131 40.8 32.2 48.2

130 2.6 2.2 3.4

166 27.4 21.3 31.9

Manual Integrations
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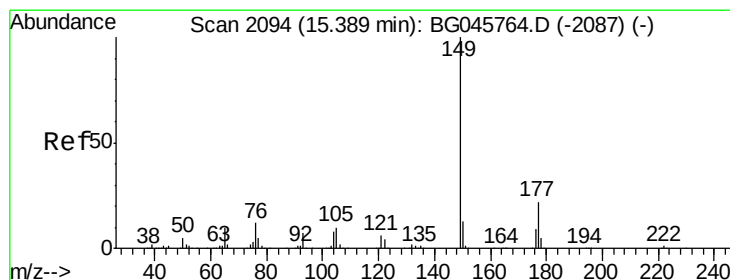
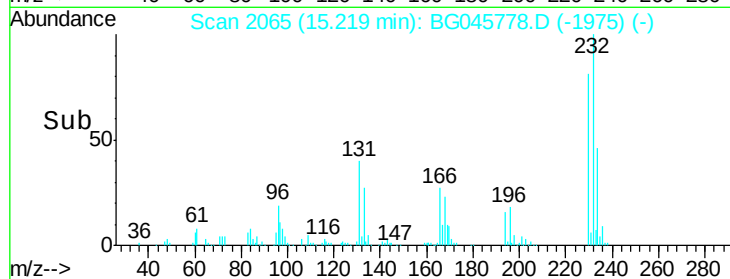
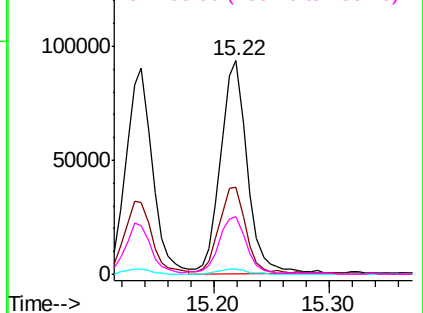
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.765 ng

RT: 15.39 min Scan# 2094

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

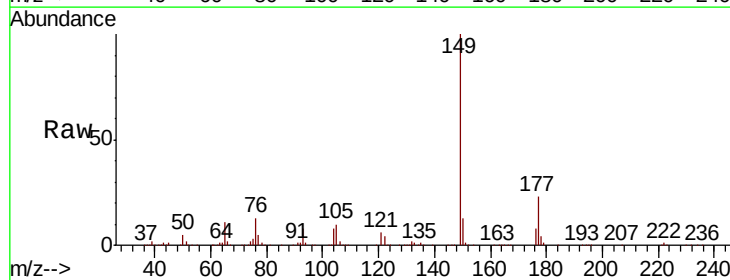
Tgt Ion:149 Resp: 517696

Ion Ratio Lower Upper

149 100

177 23.2 17.2 25.8

150 13.1 10.7 16.1

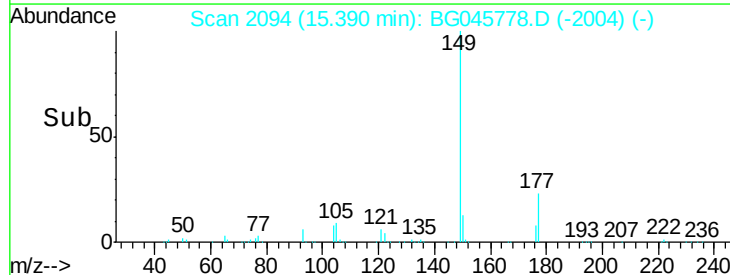
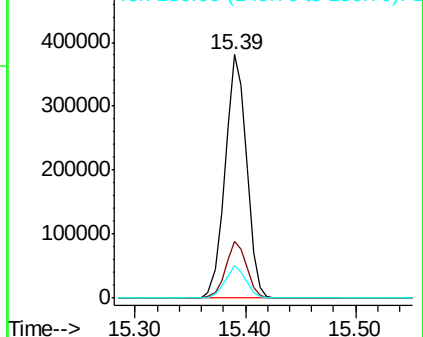


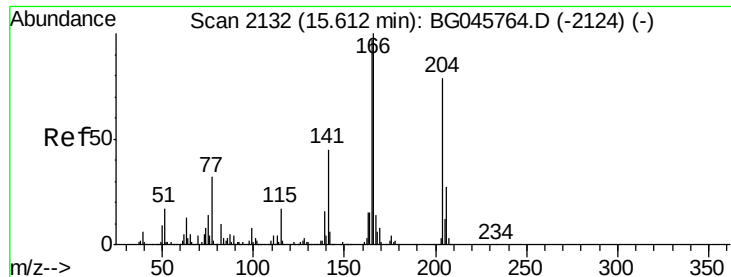
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 41.921 ng

RT: 15.61 min Scan# 2132

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

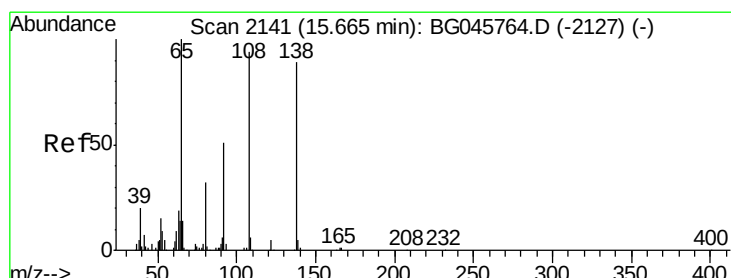
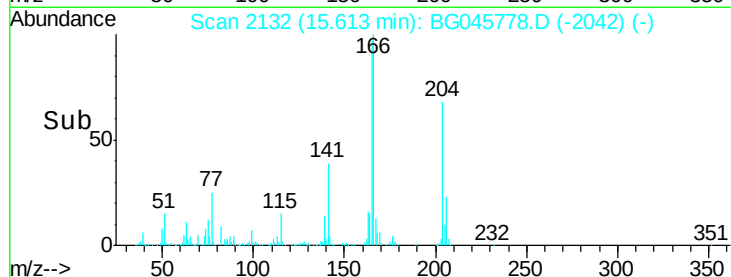
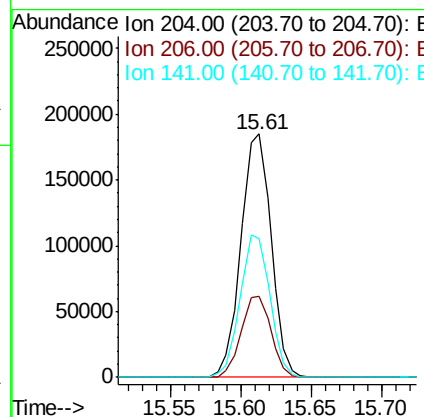
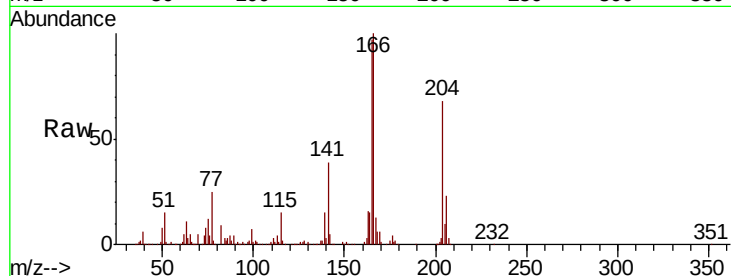
ClientSampleId :

HR-06-061120MSD

Tot Ion:	204	Resp:	277013
Ion Ratio	Lower	Upper	
204	100		
206	33.3	27.2	40.8
141	57.0	45.9	68.9

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#62

4-Nitroaniline

Concen: 35.189 ng

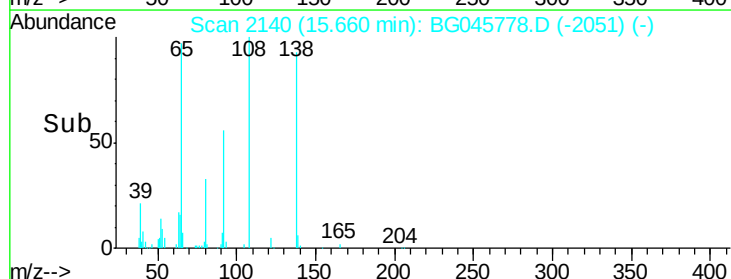
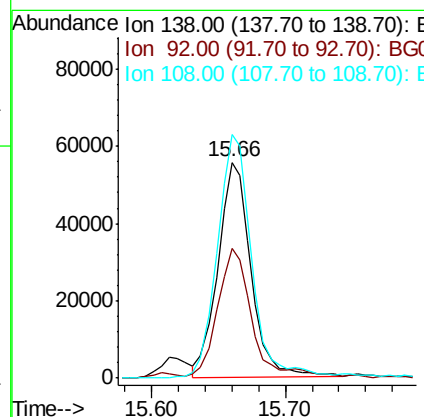
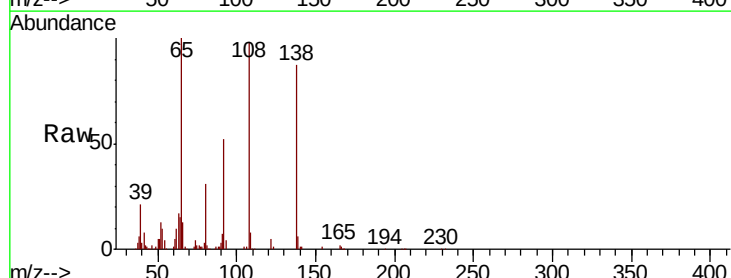
RT: 15.66 min Scan# 2140

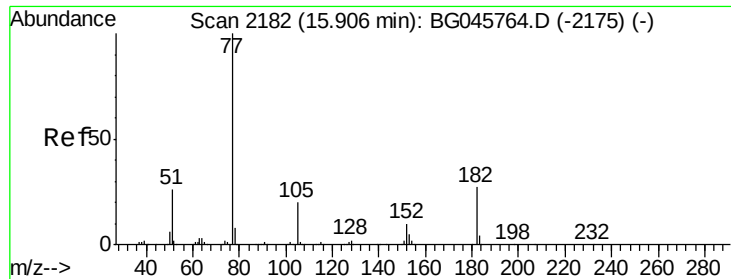
Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:	138	Resp:	95943
Ion Ratio	Lower	Upper	
138	100		
92	59.7	37.3	77.3
108	112.7	85.0	125.0





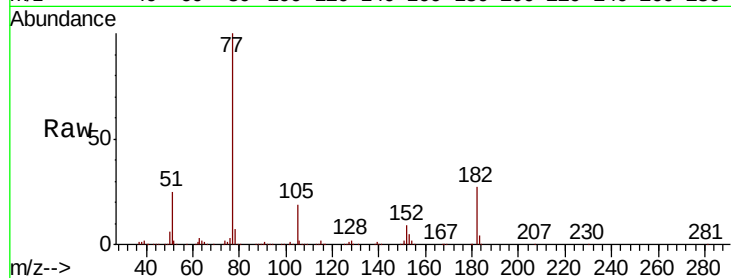
#63
Azobenzene
Concen: 43.147 ng
RT: 15.91 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

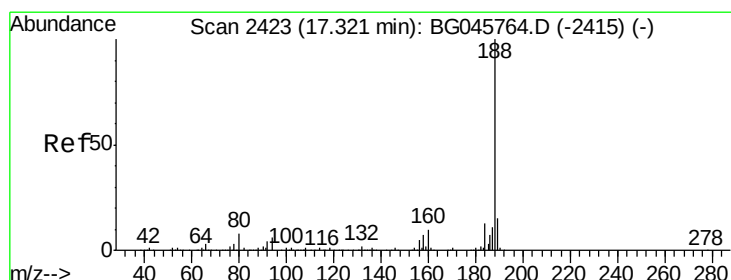
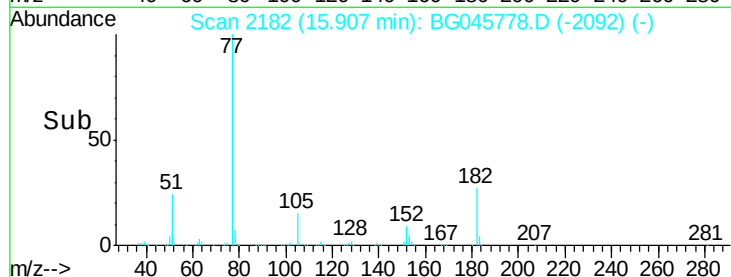
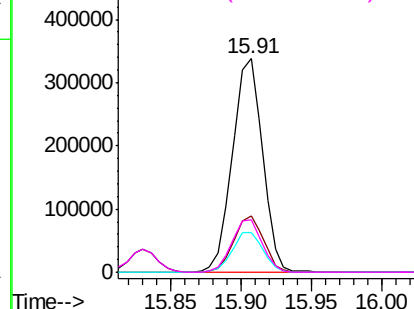
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		501524		
182	26.6	7.4	47.4		
105	18.9	0.1	40.1		
51	24.7	5.7	45.7		

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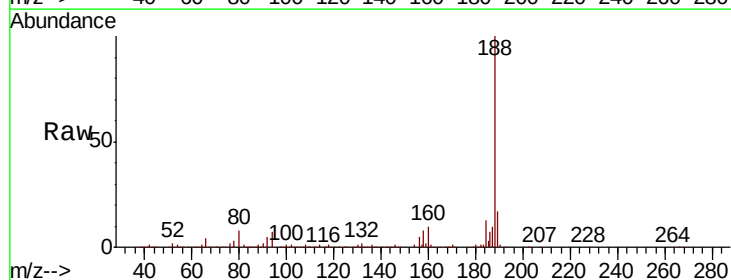


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

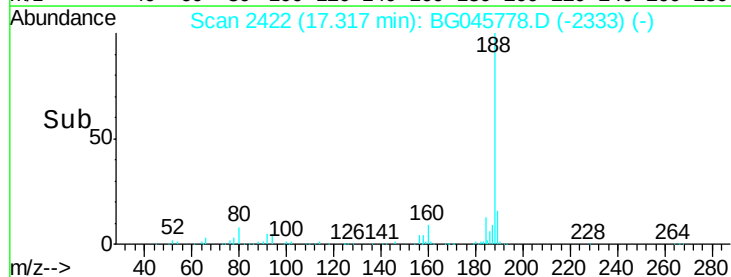
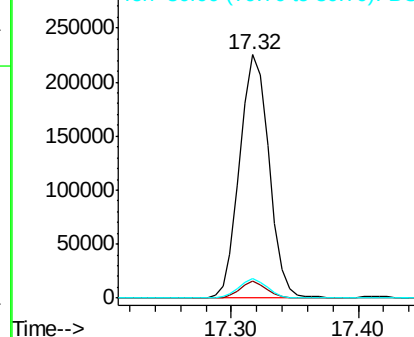


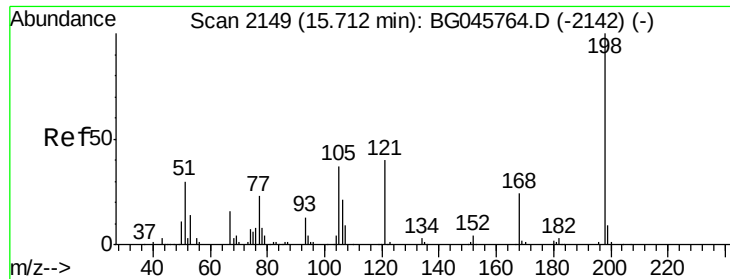
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		361058		
94	6.9	5.1	7.7		
80	8.0	6.2	9.4		



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





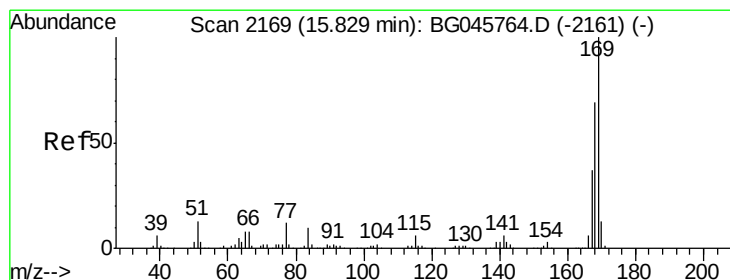
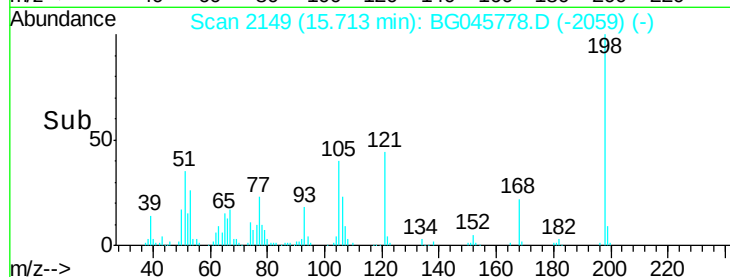
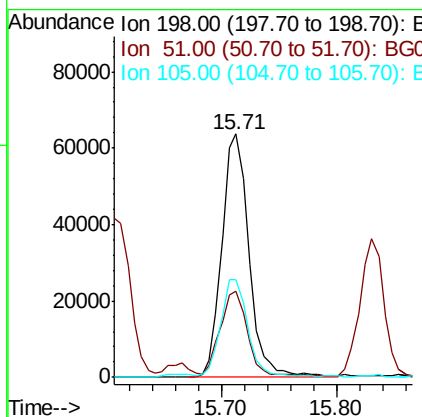
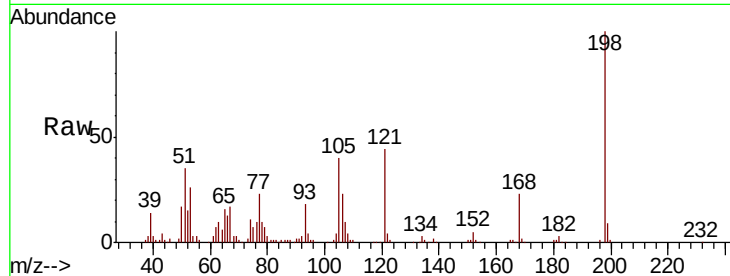
#65
4,6-Dinitro-2-methylphenol
Concen: 46.616 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.2	14.6	54.6
105	40.2	18.4	58.4

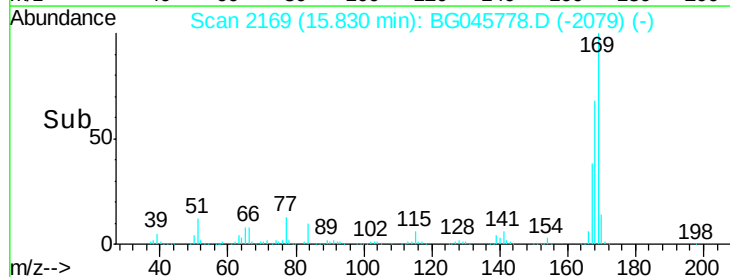
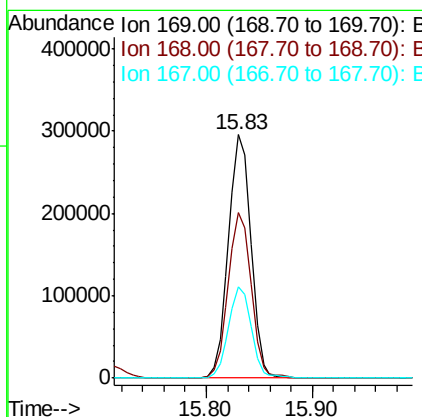
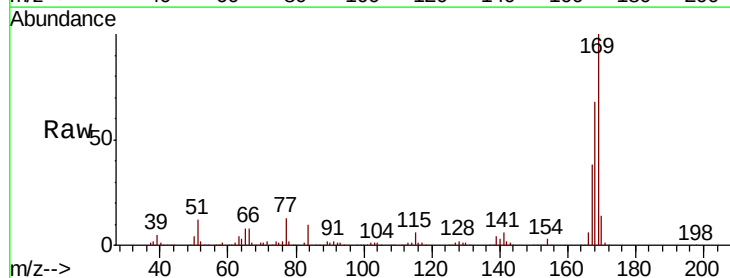
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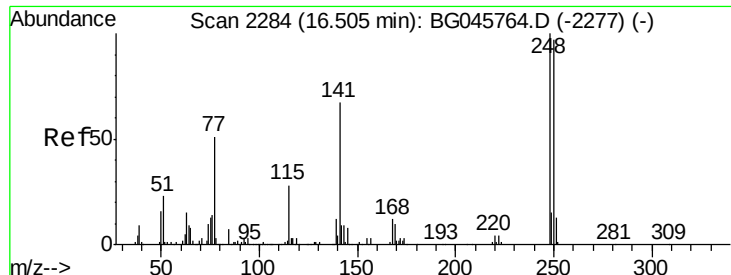
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#66
n-Nitrosodiphenylamine
Concen: 42.648 ng
RT: 15.83 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	55.2	82.8
167	37.5	29.8	44.6





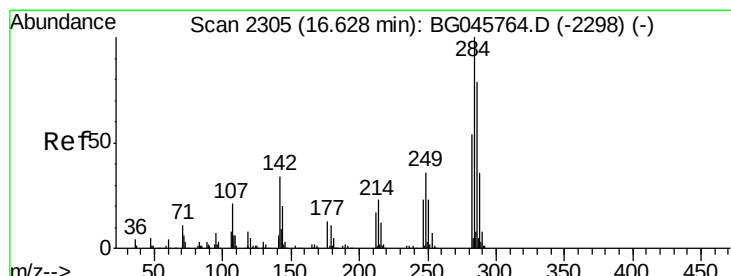
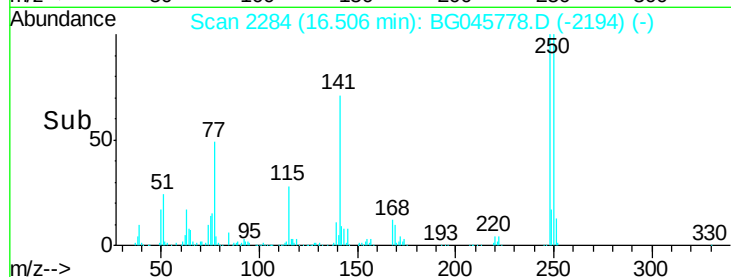
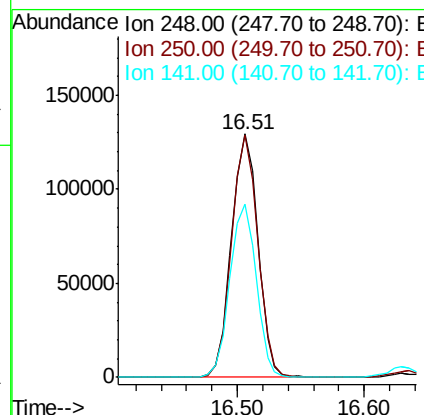
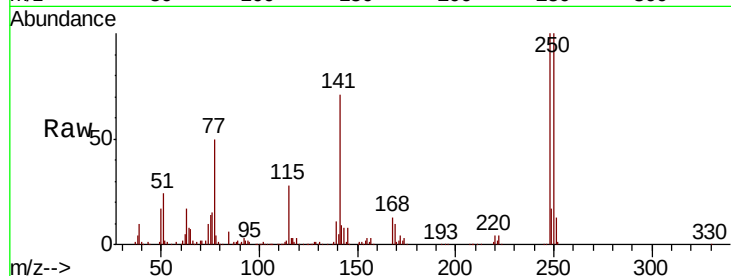
#67
4-Bromophenyl-phenylether
Concen: 39.897 ng
RT: 16.51 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	78.0	117.0
141	71.3	53.9	80.9

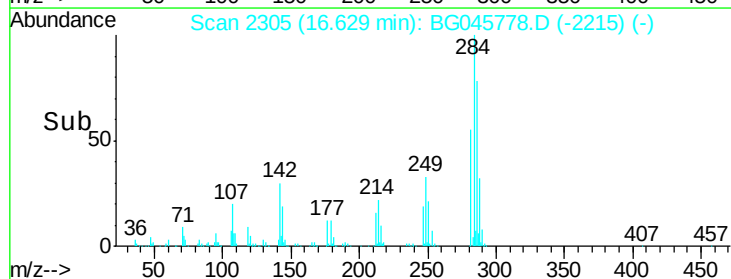
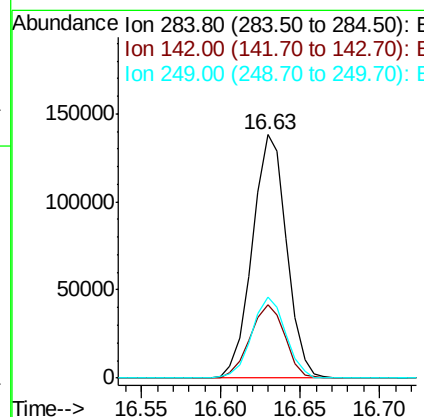
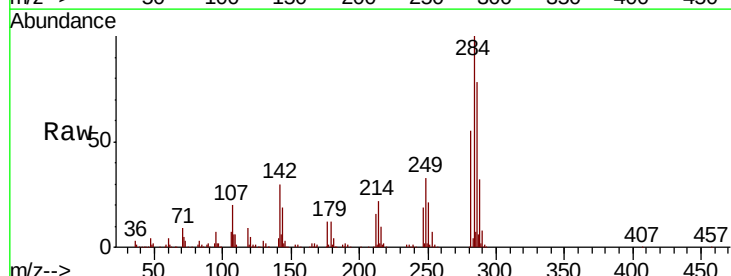
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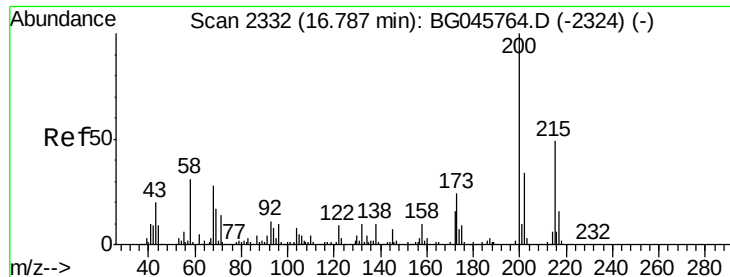
mohammad
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#68
Hexachlorobenzene
Concen: 42.664 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.3	26.9	40.3
249	33.0	28.6	42.8





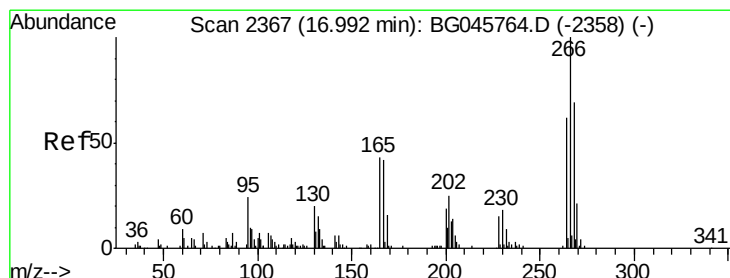
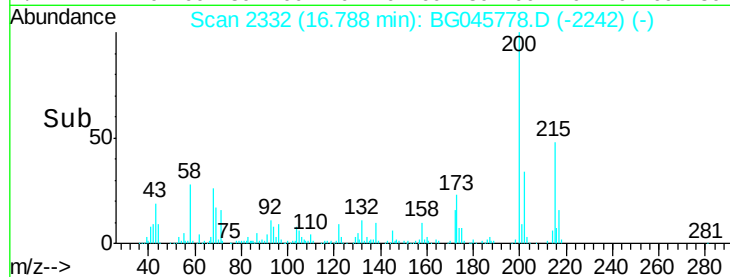
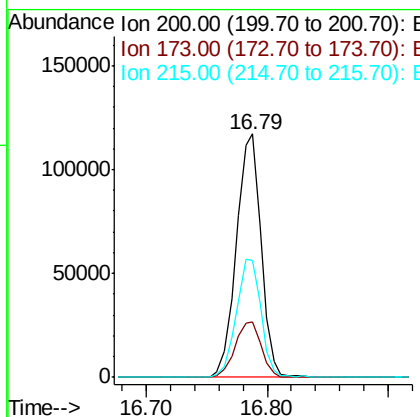
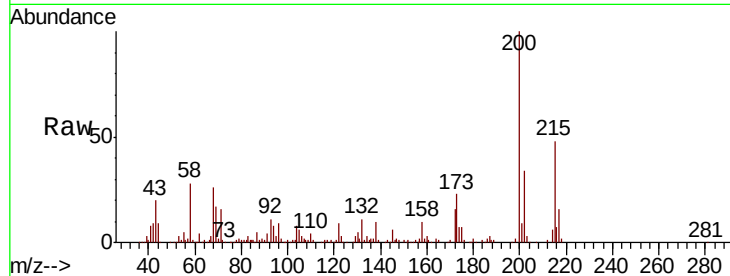
#69
 Atrazine
 Concen: 42.139 ng
 RT: 16.79 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.8	3.9	43.9
215	47.8	28.8	68.8

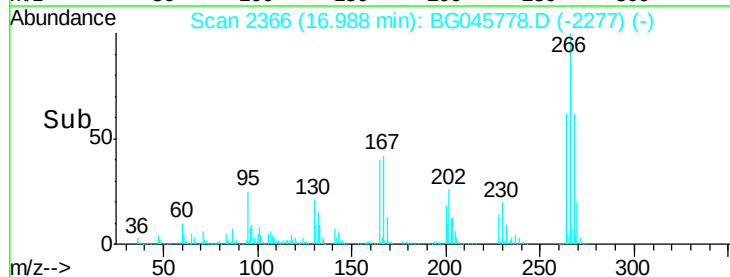
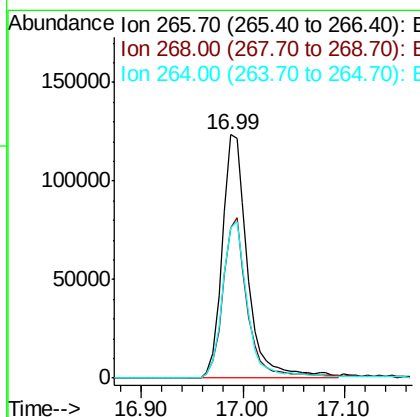
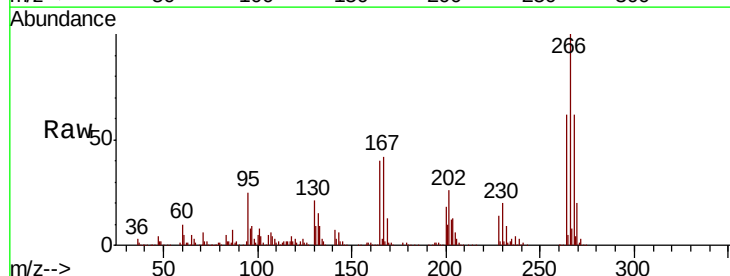
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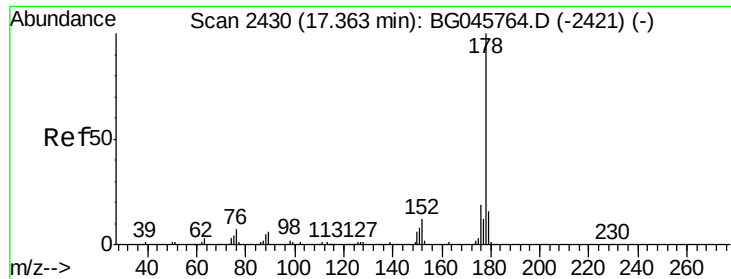
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#70
 Pentachlorophenol
 Concen: 88.487 ng
 RT: 16.99 min Scan# 2366
 Delta R.T. -0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.8	55.4	83.0
264	61.7	49.8	74.6





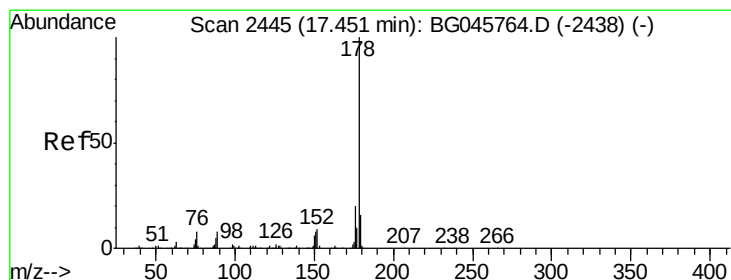
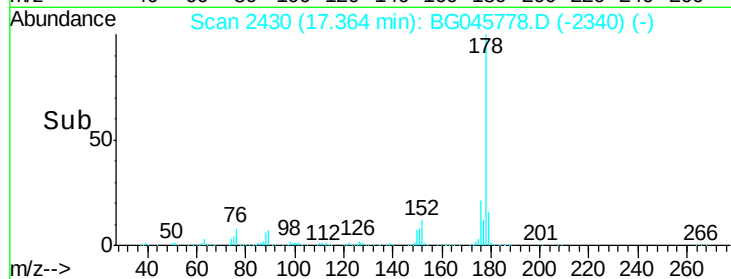
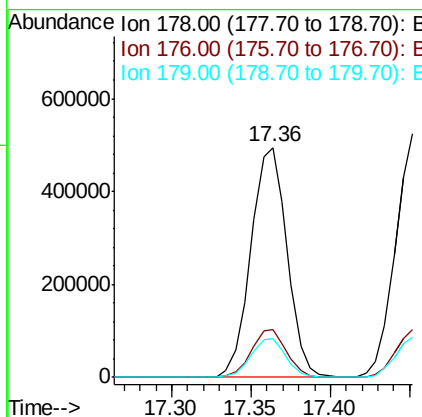
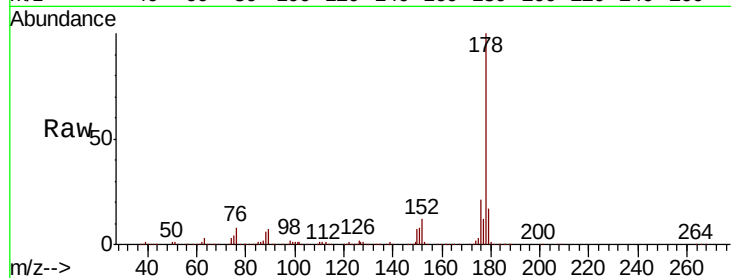
#71
Phenanthrene
Concen: 42.024 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.5	23.3
179	16.6	13.2	19.8

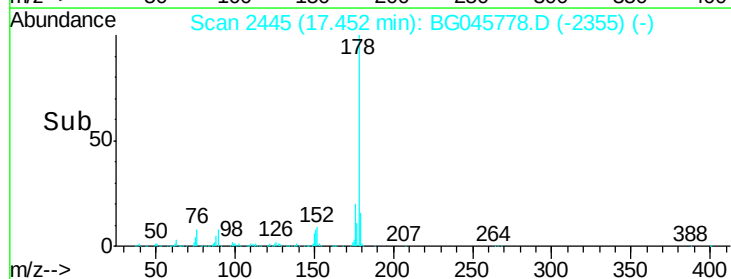
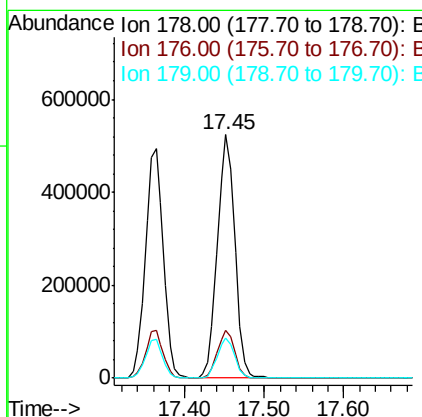
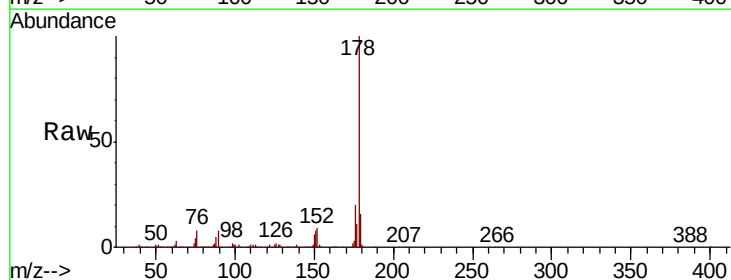
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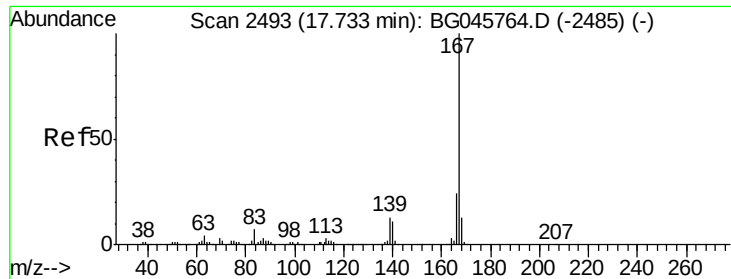
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#72
Anthracene
Concen: 43.122 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.5	13.1	19.7





#73

Carbazole

Concen: 42.078 ng

RT: 17.73 min Scan# 2493

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

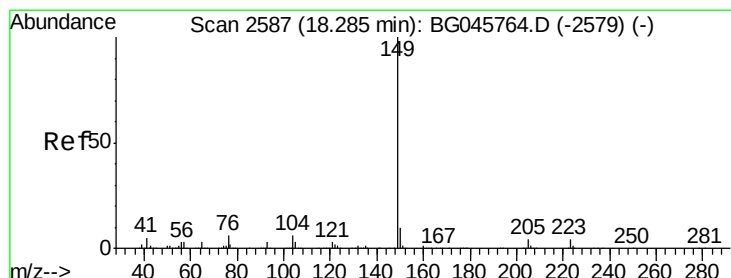
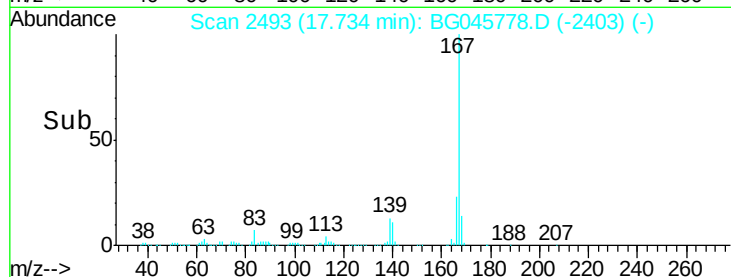
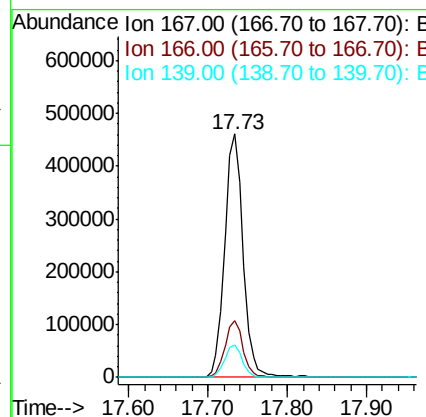
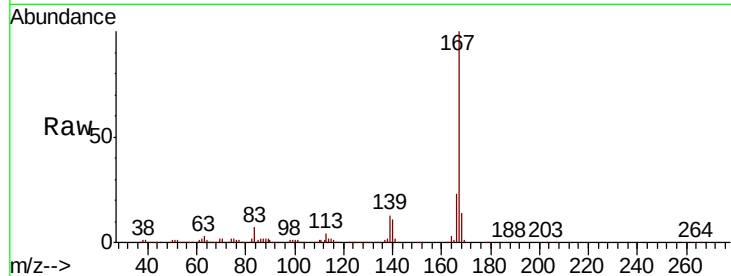
ClientSampleId :

HR-06-061120MSD

Tot Ion:	167	Resp:	742942
Ion Ratio	Lower	Upper	
167	100		
166	23.3	18.9	28.3
139	13.1	10.6	15.8

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#74

Di-n-butylphthalate

Concen: 42.387 ng

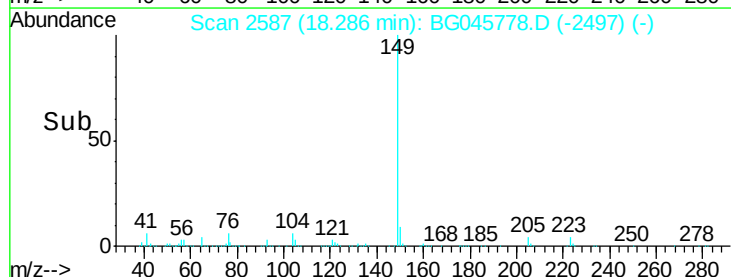
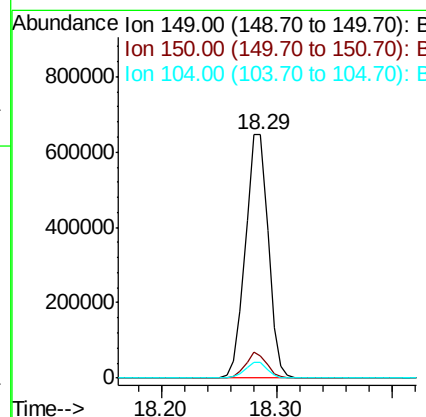
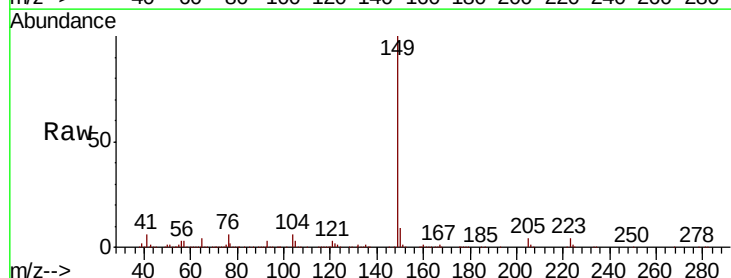
RT: 18.29 min Scan# 2587

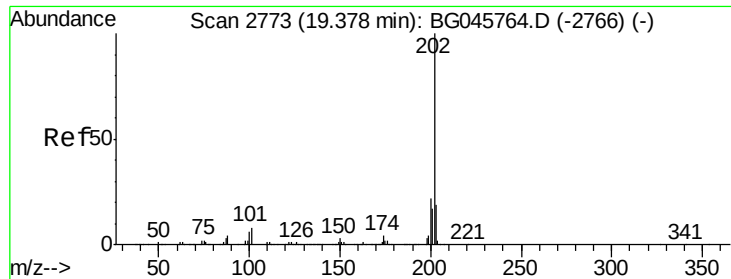
Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:	149	Resp:	886117
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.7	11.5
104	6.4	5.1	7.7





#75

Fluoranthene

Concen: 43.656 ng

RT: 19.37 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

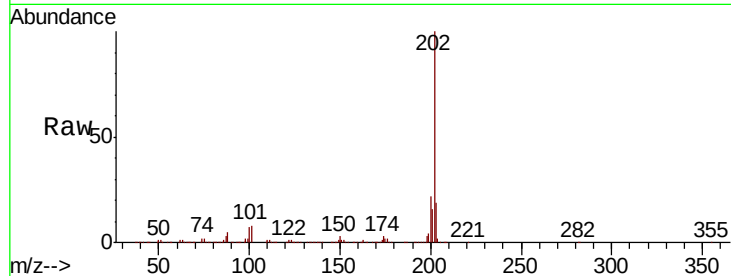
ClientSampleId :

HR-06-061120MSD

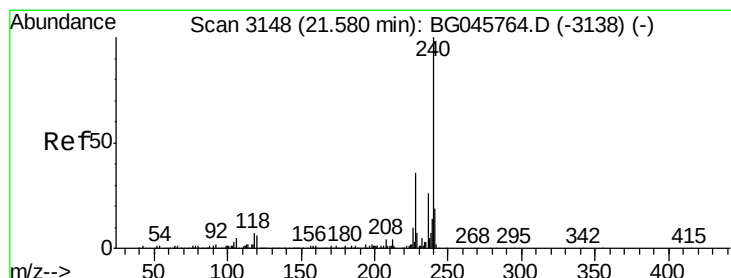
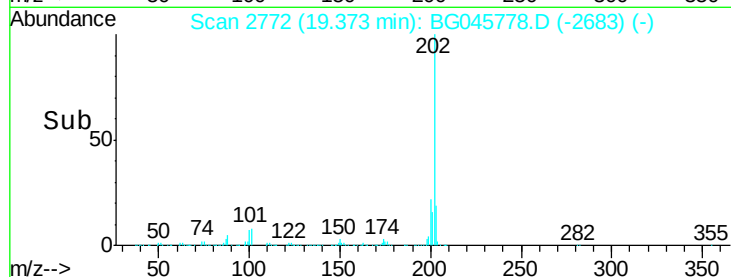
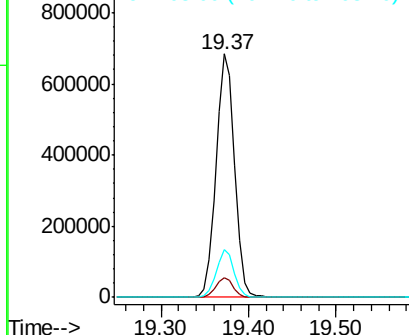
Tot Ion:	202	Resp:	999622
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	27.7
203	19.5	0.0	38.7

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



#76

Chrysene-d12

Concen: 20.000 ng

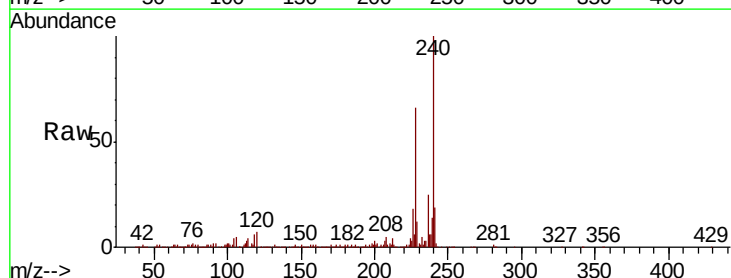
RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

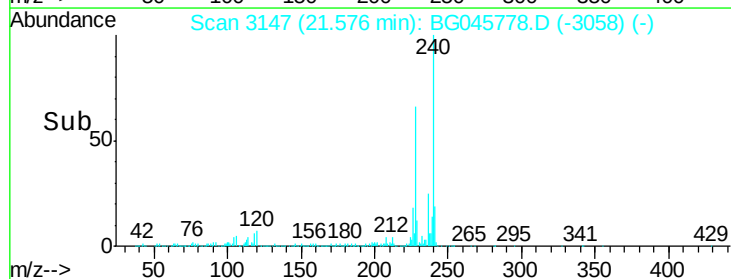
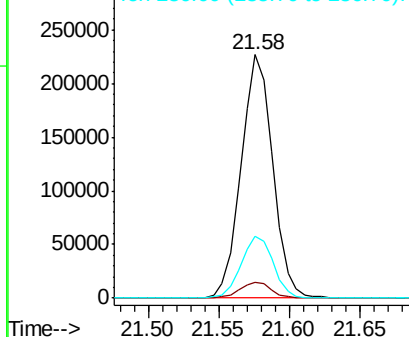
Lab File: BG045778.D

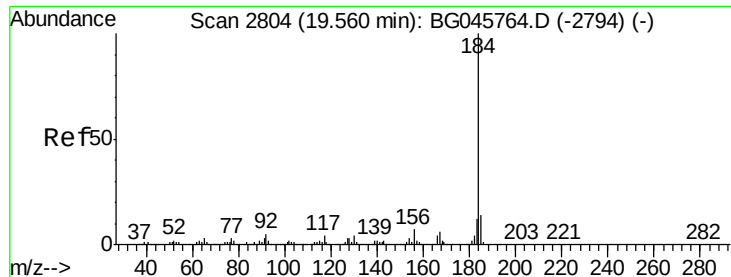
Acq: 16 Jun 2020 18:41

Tgt Ion:	240	Resp:	356635
Ion Ratio	Lower	Upper	
240	100		
120	6.6	5.0	7.4
236	25.4	20.6	30.8



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





#77

Benzidine

Concen: 22.330 ng

RT: 19.56 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

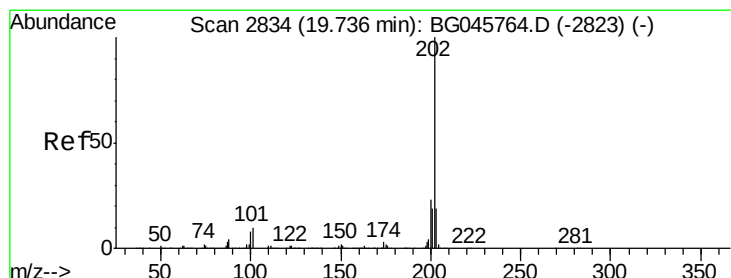
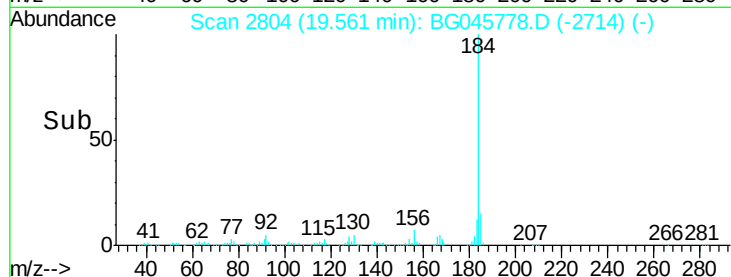
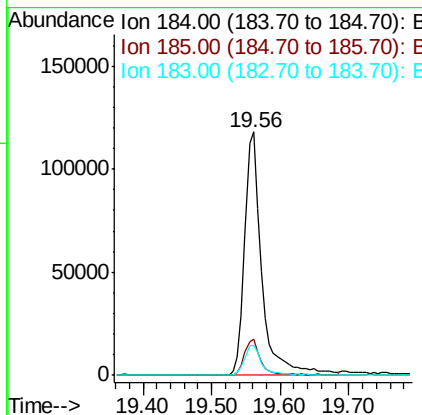
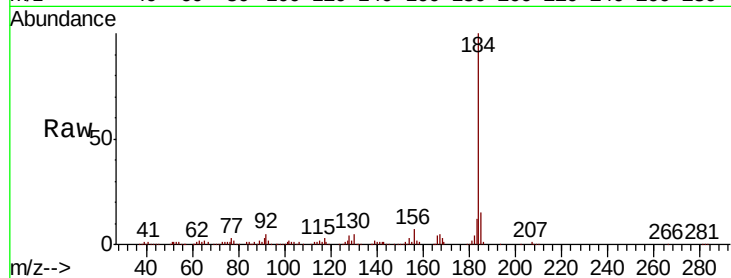
ClientSampleId :

HR-06-061120MSD

Tot Ion:	184	Resp:	207027
Ion Ratio	Lower	Upper	
184	100		
185	15.0	11.1	16.7
183	12.2	9.7	14.5

Manual Integrations
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#78

Pyrene

Concen: 41.960 ng

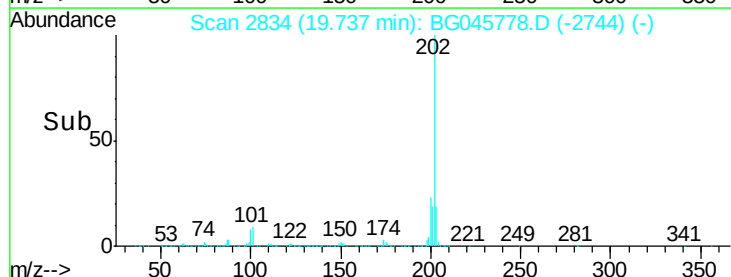
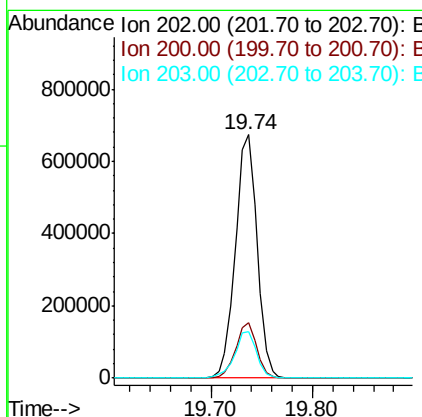
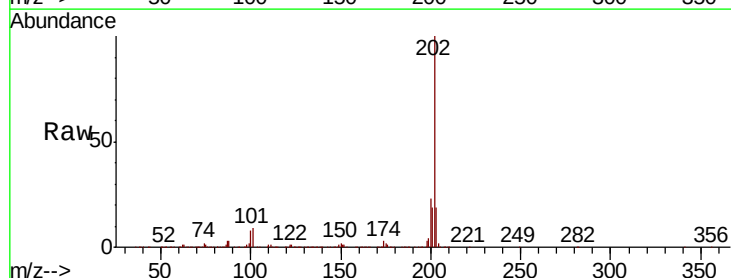
RT: 19.74 min Scan# 2834

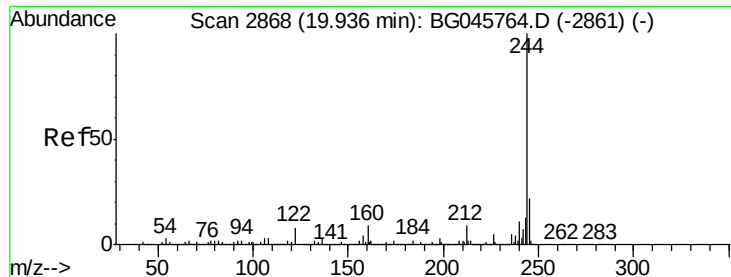
Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:	202	Resp:	1002080
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.2	27.2
203	19.3	14.8	22.2





#79

Terphenyl-d14

Concen: 88.555 ng

RT: 19.94 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

ClientSampleId :

HR-06-061120MSD

Tot Ion:244 Resp: 1558373

Ion Ratio Lower Upper

244 100

212 9.4 7.2 10.8

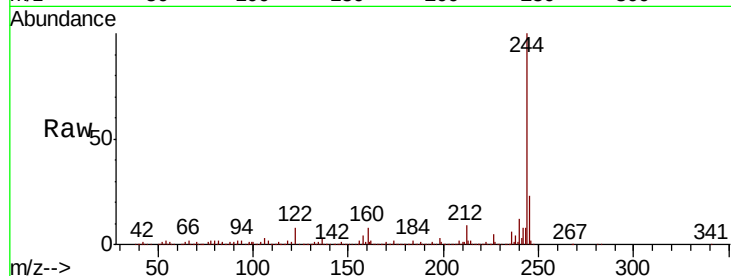
122 8.3 6.4 9.6

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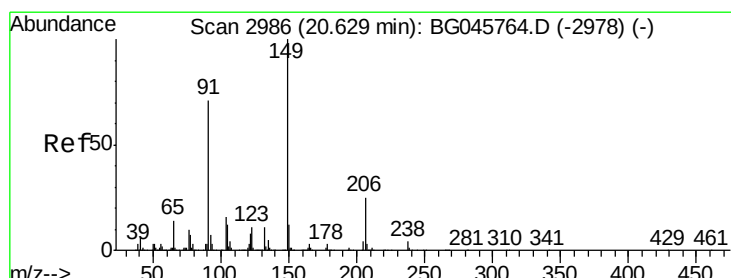
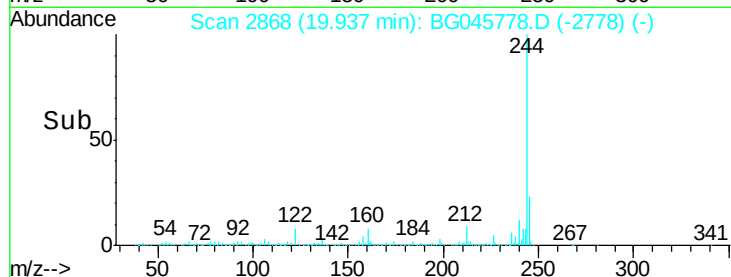
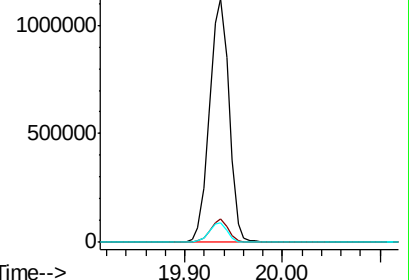
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.922 ng

RT: 20.62 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

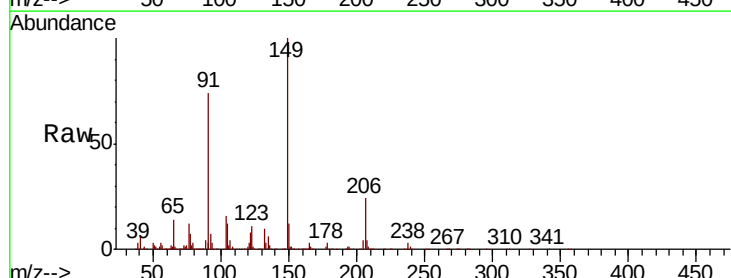
Tgt Ion:149 Resp: 419060

Ion Ratio Lower Upper

149 100

91 73.5 56.4 84.6

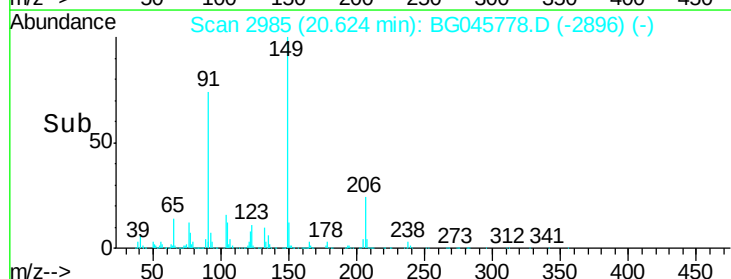
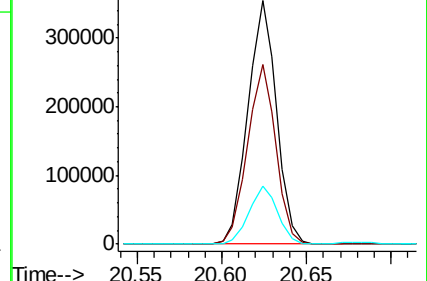
206 23.8 19.8 29.6

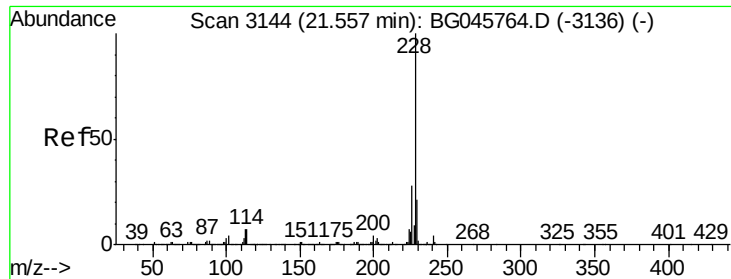


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





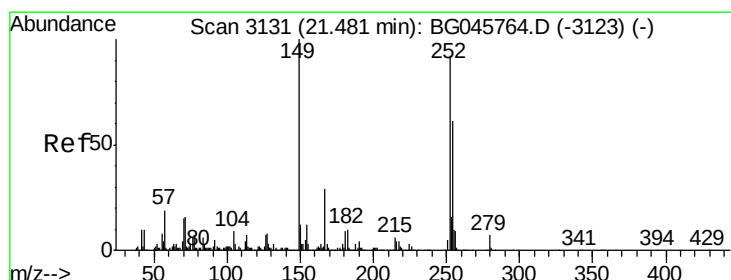
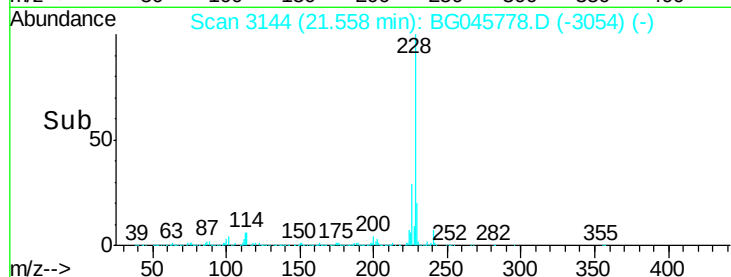
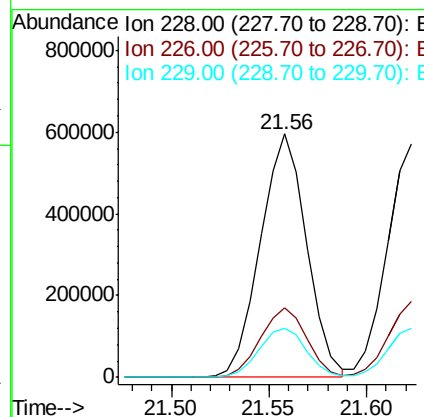
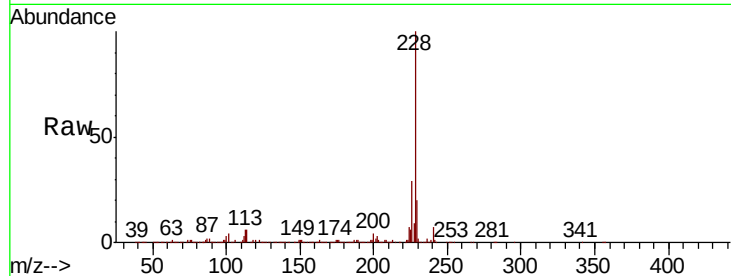
#81
Benzo(a)anthracene
Concen: 42.132 ng
RT: 21.56 min Scan# 3144
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.4	16.6	24.8

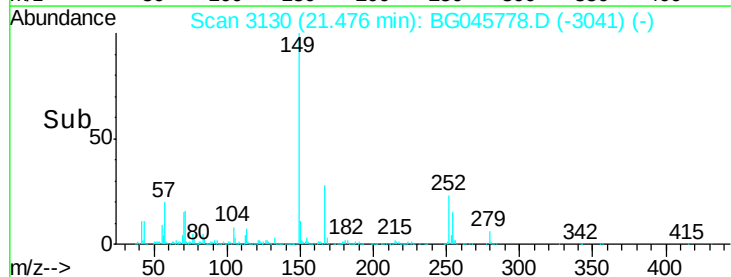
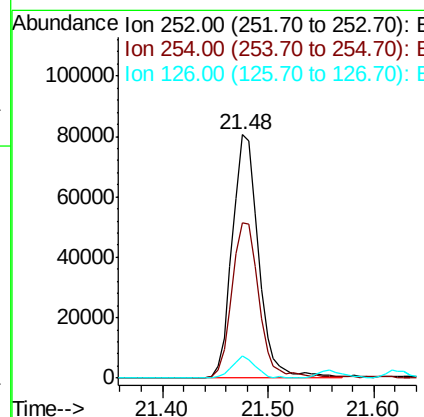
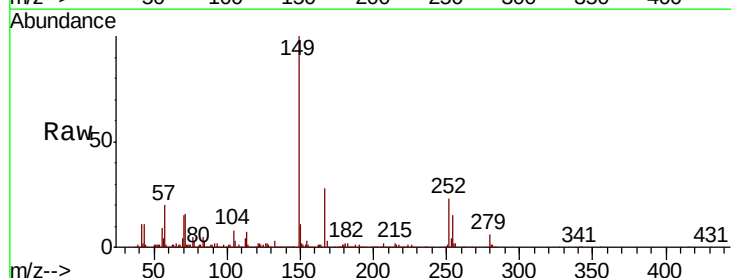
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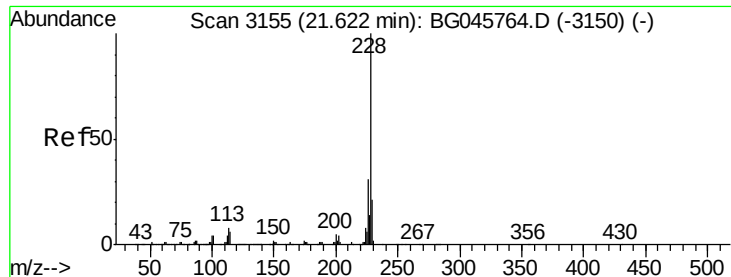
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 15.885 ng
RT: 21.48 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.6	53.4	80.0
126	9.0	5.8	8.8





#83

Chrysene

Concen: 42.644 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Instrument :

BNA_G

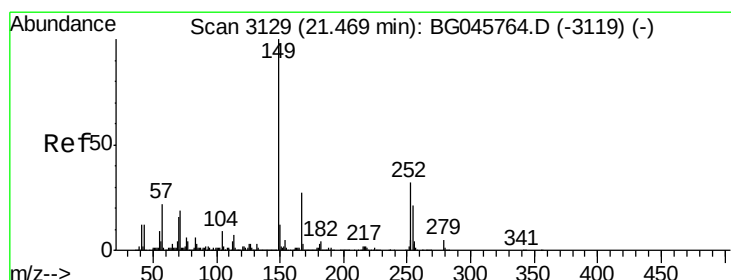
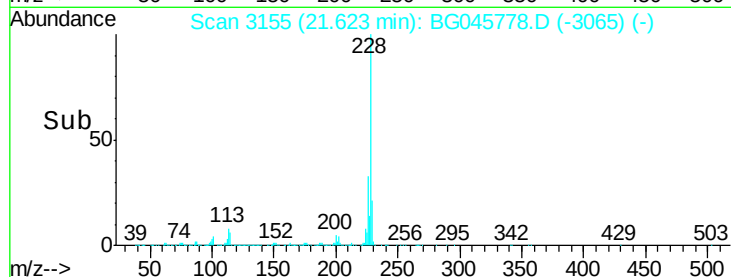
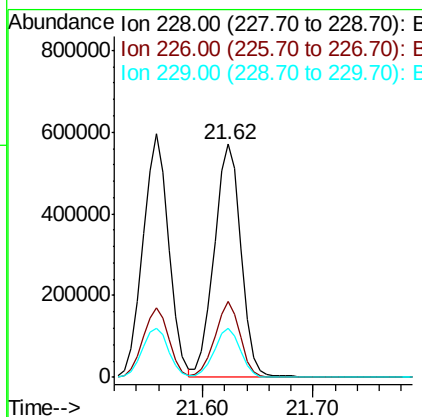
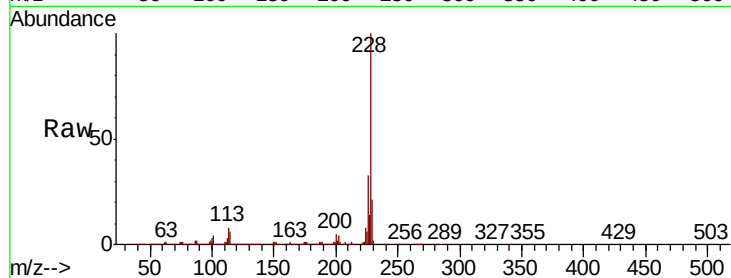
ClientSampleId :

HR-06-061120MSD

Tot Ion:	228	Resp:	953700
Ion Ratio	Lower	Upper	
228	100		
226	32.6	25.1	37.7
229	21.2	16.4	24.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 42.217 ng

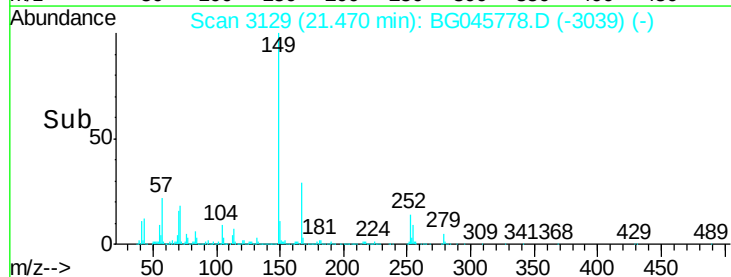
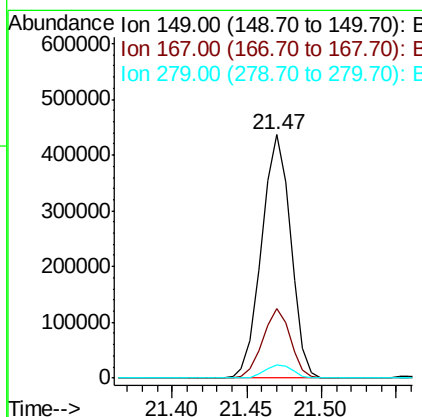
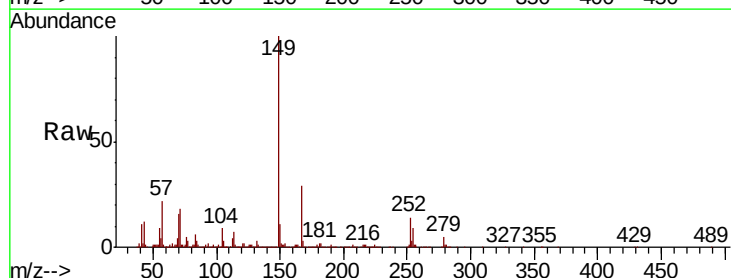
RT: 21.47 min Scan# 3129

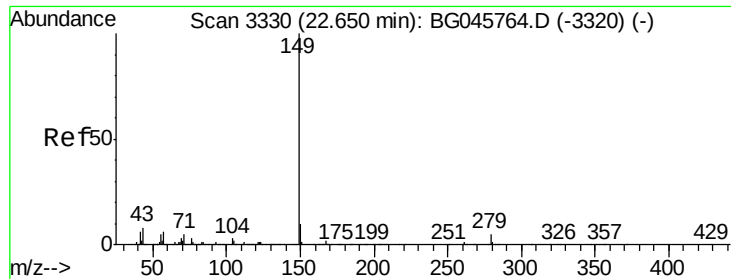
Delta R.T. 0.00 min

Lab File: BG045778.D

Acq: 16 Jun 2020 18:41

Tgt Ion:	149	Resp:	587003
Ion Ratio	Lower	Upper	
149	100		
167	28.6	21.3	31.9
279	5.4	3.7	5.5





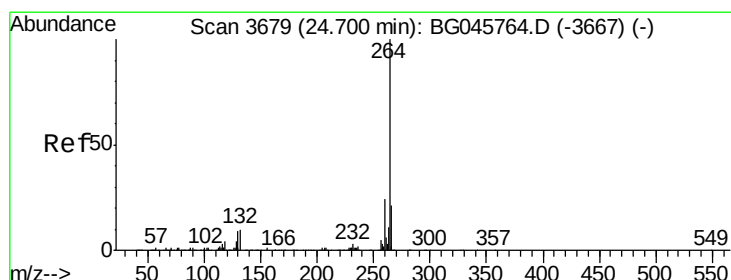
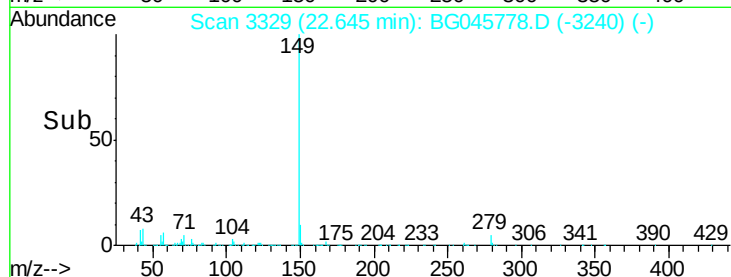
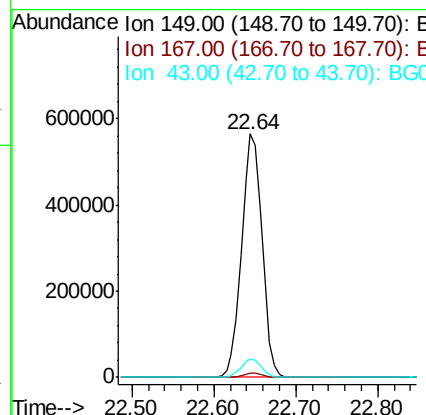
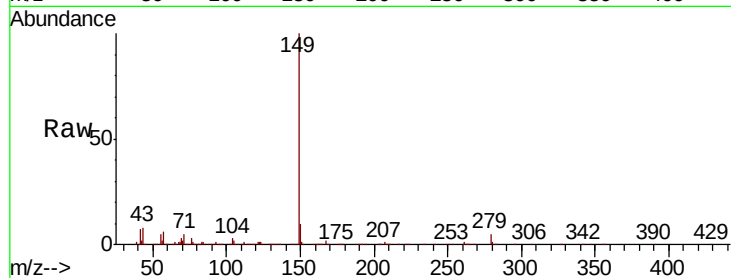
#85
Di-n-octyl phthalate
Concen: 40.849 ng
RT: 22.64 min Scan# 3329
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	7.4	5.9	8.9

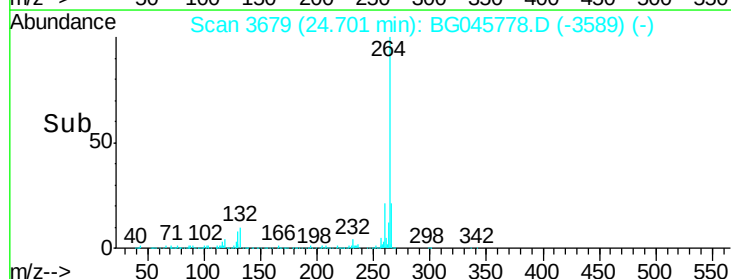
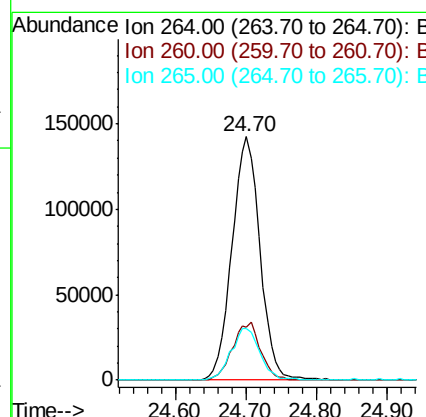
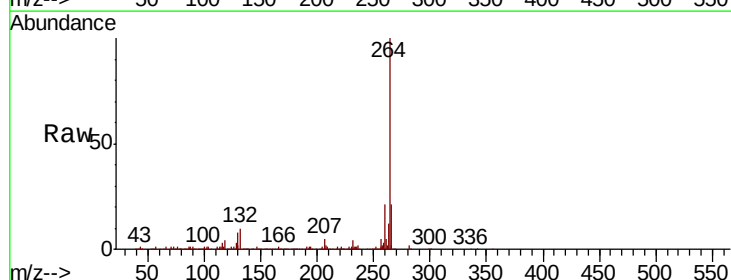
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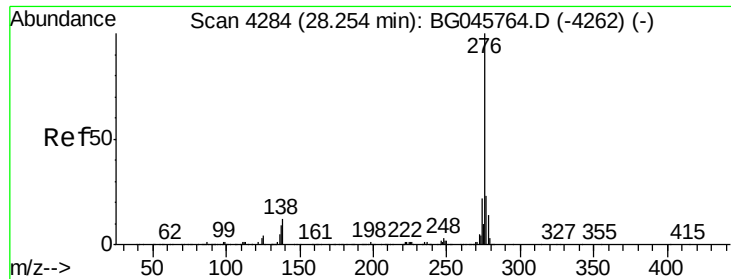
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	19.0	28.4
265	21.0	17.4	26.0





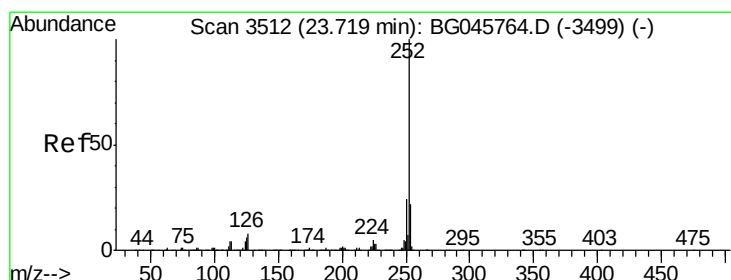
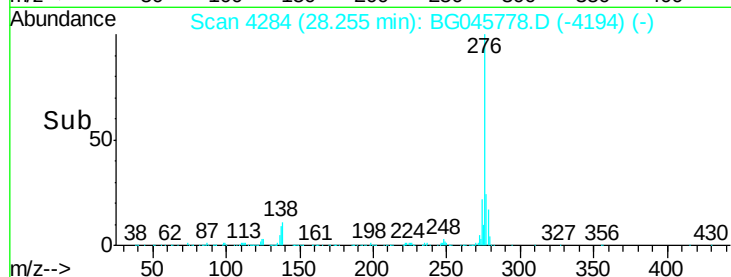
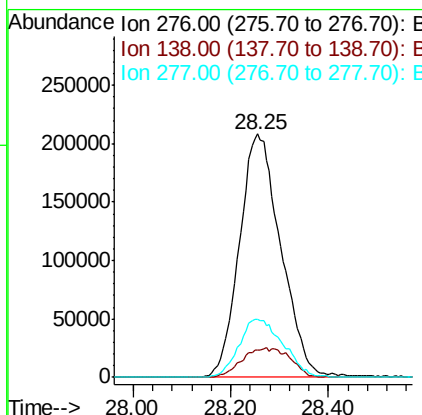
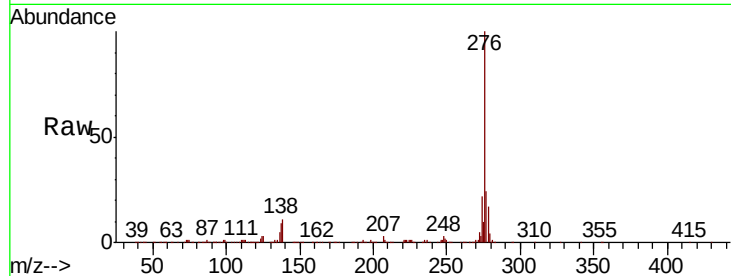
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.097 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. 0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.0	5.4	8.0#
277	25.7	20.6	30.8

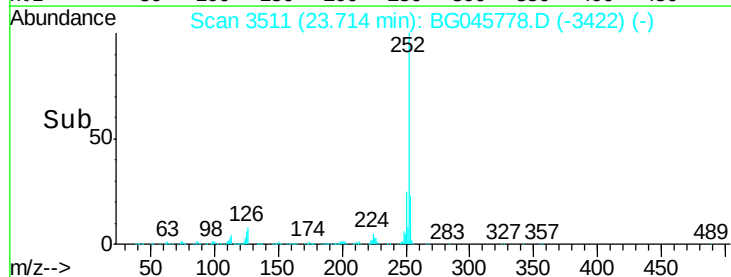
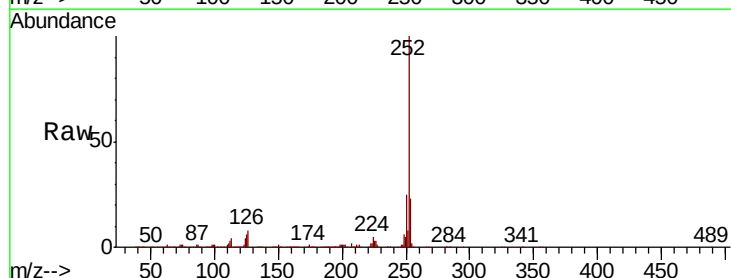
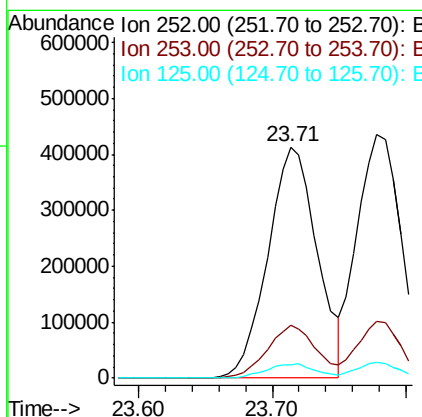
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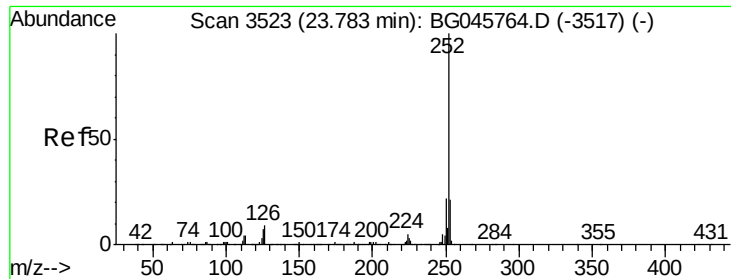
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 43.156 ng
 RT: 23.71 min Scan# 3511
 Delta R.T. -0.00 min
 Lab File: BG045778.D
 Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	5.8	5.0	7.4





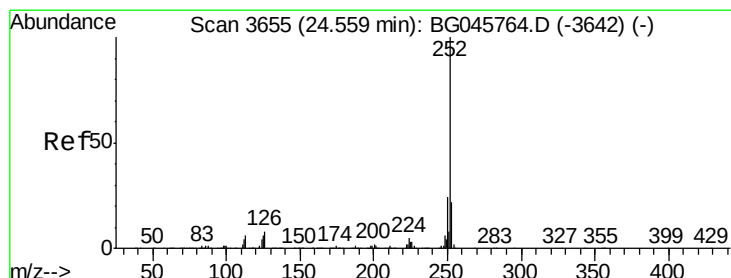
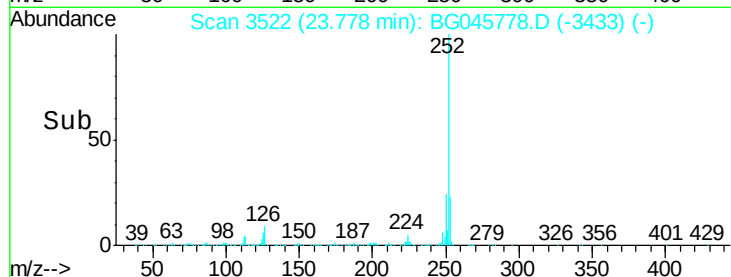
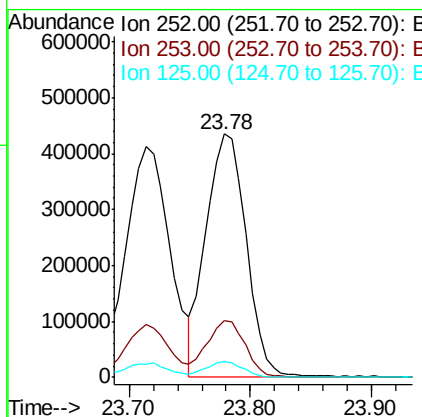
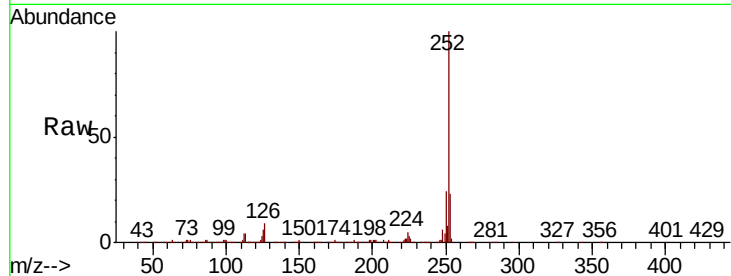
#89
Benzo(k)fluoranthene
Concen: 42.435 ng
RT: 23.78 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	6.3	5.2	7.8

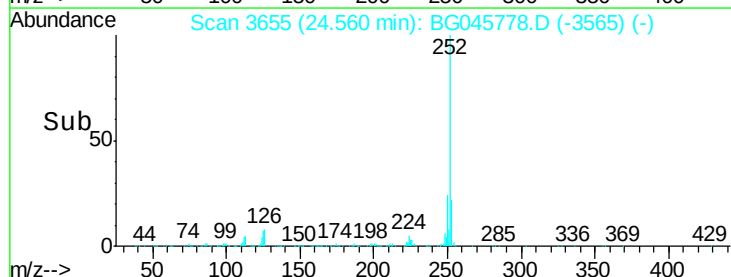
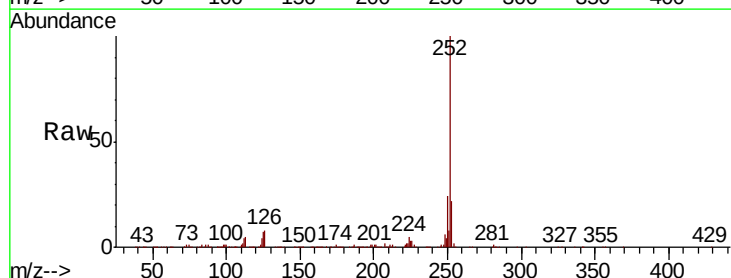
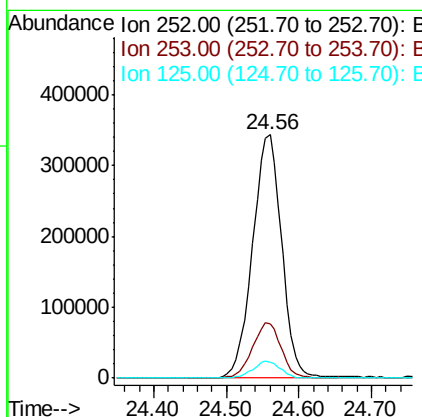
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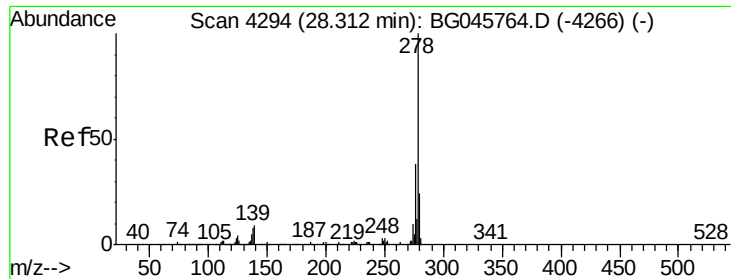
mohammad
6/18/2020 11:51:36 AM



#90
Benzo(a)pyrene
Concen: 41.573 ng
RT: 24.56 min Scan# 3655
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	6.7	5.0	7.6





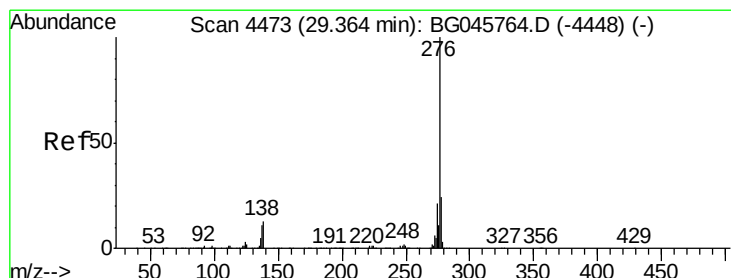
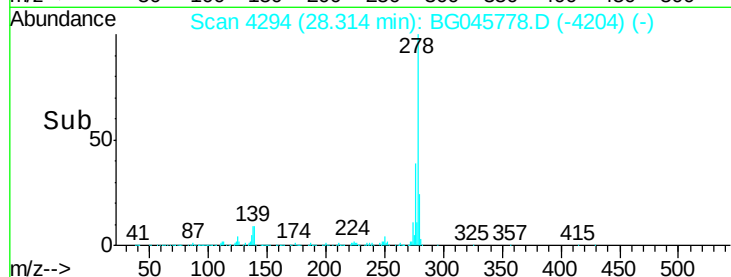
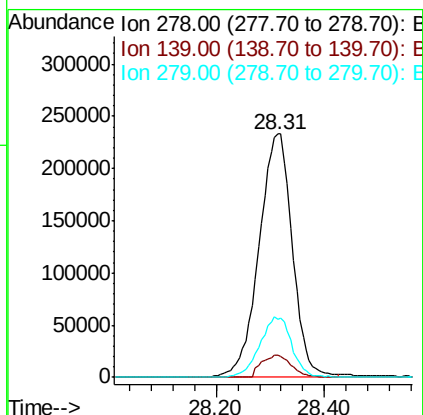
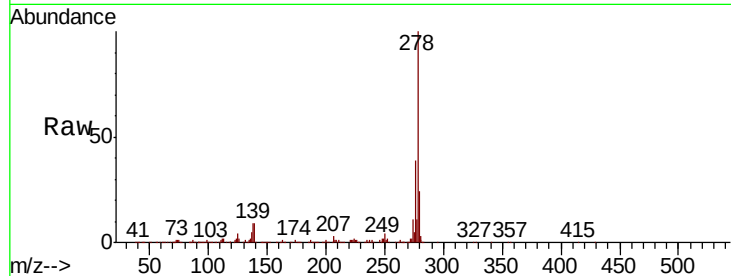
#91
Dibenzo(a,h)anthracene
Concen: 43.553 ng
RT: 28.31 min Scan# 4294
Delta R.T. 0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Instrument :
BNA_G
ClientSampleId :
HR-06-061120MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	7.3	10.9
279	24.0	19.5	29.3

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#92
Benzo(g,h,i)perylene
Concen: 43.913 ng
RT: 29.36 min Scan# 4472
Delta R.T. -0.00 min
Lab File: BG045778.D
Acq: 16 Jun 2020 18:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	12.9	10.6	15.8

