

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
 Data File : BG044264.D
 Acq On : 31 Jan 2020 17:46
 Operator : CG/JU
 Sample : L1331-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

Manual Integrations
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Quant Time: Feb 01 00:17:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	69765	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	332650	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	247455	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	535554	20.00	ng	0.00
76) Chrysene-d12	21.54	240	452131	20.00	ng	0.00
87) Perylene-d12	24.64	264	523447	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	500307	126.56	ng	0.00
7) Phenol-d6	7.09	99	722552	136.12	ng	0.00
23) Nitrobenzene-d5	9.07	82	427601	72.57	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	319337	109.93	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1025350	69.39	ng	0.00
79) Terphenyl-d14	19.91	244	1591079	72.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	72397	40.762	ng	98
3) Pyridine	3.77	79	185618	39.227	ng	99
4) n-Nitrosodimethylamine	3.68	42	91664	46.358	ng	# 97
6) Aniline	7.24	93	219134	33.257	ng	98
8) 2-Chlorophenol	7.48	128	259211	59.664	ng	98
9) Benzaldehyde	7.04	77	112554	37.229	ng	98
10) Phenol	7.11	94	357762	68.100	ng	98
11) bis(2-Chloroethyl)ether	7.33	93	226938	50.528	ng	97
12) 1,3-Dichlorobenzene	7.81	146	244930	47.218	ng	99
13) 1,4-Dichlorobenzene	7.95	146	245389	47.764	ng	99
14) 1,2-Dichlorobenzene	8.27	146	235274	48.450	ng	98
15) Benzyl Alcohol	8.15	79	218908	58.248	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.45	45	300567	49.444	ng	99
17) 2-Methylphenol	8.37	107	232764	62.099	ng	98
18) Hexachloroethane	9.00	117	89779	46.568	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	192724	54.476	ng	97
20) 3+4-Methylphenols	8.69	107	325120	62.939	ng	98
22) Acetophenone	8.74	105	356200	44.017	ng	99
24) Nitrobenzene	9.11	77	271872	47.264	ng	97
25) Isophorone	9.64	82	548060	49.904	ng	100
26) 2-Nitrophenol	9.83	139	149951	50.239	ng	98
27) 2,4-Dimethylphenol	9.89	122	274448	65.139	ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	343879	46.938	ng	99
29) 2,4-Dichlorophenol	10.37	162	284210	55.787	ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	257982	44.162	ng	100
31) Naphthalene	10.77	128	779490	48.298	ng	99
32) Benzoic acid	10.06	122	96323	38.632	ng	97
33) 4-Chloroaniline	10.87	127	127000	17.302	ng	98
34) Hexachlorobutadiene	11.06	225	145256	40.410	ng	100
35) Caprolactam	11.64	113	115363m	61.816	ng	
36) 4-Chloro-3-methylphenol	12.01	107	321534	60.196	ng	99
37) 2-Methylnaphthalene	12.38	142	617653	51.544	ng	99
38) 1-Methylnaphthalene	12.60	142	589741	52.202	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	299167	40.416	ng	98

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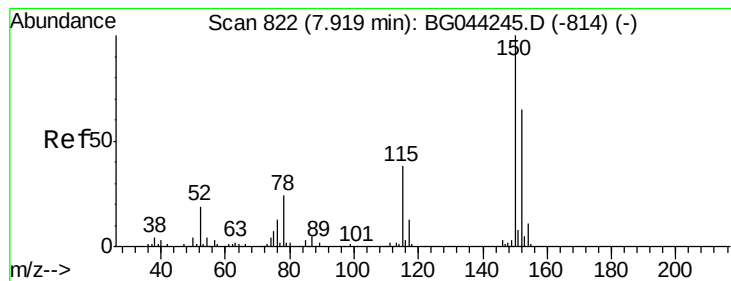
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 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	346558	97.573	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	236707	49.473	ng	99
44) 2,4,5-Trichlorophenol	13.07	196	260182	53.240	ng	98
46) 1,1'-Biphenyl	13.39	154	811733	45.477	ng	100
47) 2-Chloronaphthalene	13.43	162	636803	44.834	ng	99
48) 2-Nitroaniline	13.63	65	202272	48.255	ng	98
49) Acenaphthylene	14.28	152	1039241	49.885	ng	99
50) Dimethylphthalate	14.01	163	1000741	56.260	ng	100
51) 2,6-Dinitrotoluene	14.12	165	195715	49.347	ng	95
52) Acenaphthene	14.62	154	638134	47.258	ng	98
53) 3-Nitroaniline	14.45	138	106048	24.168	ng	96
54) 2,4-Dinitrophenol	14.66	184	194047	82.326	ng	99
55) Dibenzofuran	14.96	168	1006732	49.242	ng	100
56) 4-Nitrophenol	14.78	139	340489	105.935	ng	99
57) 2,4-Dinitrotoluene	14.92	165	272517	49.025	ng	99
58) Fluorene	15.60	166	791722	49.167	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	228863	51.847	ng	98
60) Diethylphthalate	15.38	149	868554	49.004	ng	100
61) 4-Chlorophenyl-phenylether	15.60	204	414238	47.445	ng	98
62) 4-Nitroaniline	15.62	138	192503	43.905	ng	99
63) Azobenzene	15.89	77	794096	51.120	ng	98
65) 4,6-Dinitro-2-methylphenol	15.68	198	155595	52.633	ng	98
66) n-Nitrosodiphenylamine	15.81	169	751388	50.064	ng	100
67) 4-Bromophenyl-phenylether	16.49	248	278300	47.697	ng	98
68) Hexachlorobenzene	16.61	284	299862	45.872	ng	98
69) Atrazine	16.76	200	276276	53.706	ng	97
70) Pentachlorophenol	16.96	266	314915	94.667	ng	97
71) Phenanthrene	17.34	178	1242435	47.909	ng	99
72) Anthracene	17.43	178	1279846	49.917	ng	99
73) Carbazole	17.70	167	1126456	47.658	ng	99
74) Di-n-butylphthalate	18.27	149	1387553	47.504	ng	100
75) Fluoranthene	19.35	202	1398420	46.614	ng	99
77) Benzidine	19.53	184	426446	34.004	ng	99
78) Pyrene	19.71	202	1408607	48.512	ng	99
80) Butylbenzylphthalate	20.60	149	645178	48.759	ng	98
81) Benzo(a)anthracene	21.53	228	1354437	48.607	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	282052	26.080	ng	97
83) Chrysene	21.59	228	1301119	48.307	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	917835	50.395	ng	100
85) Di-n-octyl phthalate	22.62	149	1588809	50.419	ng	100
86) Indeno(1,2,3-cd)pyrene	28.14	276	1654182	47.074	ng	# 86
88) Benzo(b)fluoranthene	23.67	252	1437687	47.664	ng	99
89) Benzo(k)fluoranthene	23.73	252	1443855	49.114	ng	99
90) Benzo(a)pyrene	24.50	252	1357991	47.618	ng	98
91) Dibenzo(a,h)anthracene	28.21	278	1371380	48.589	ng	100
92) Benzo(g,h,i)perylene	29.24	276	1367550	48.402	ng	98

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



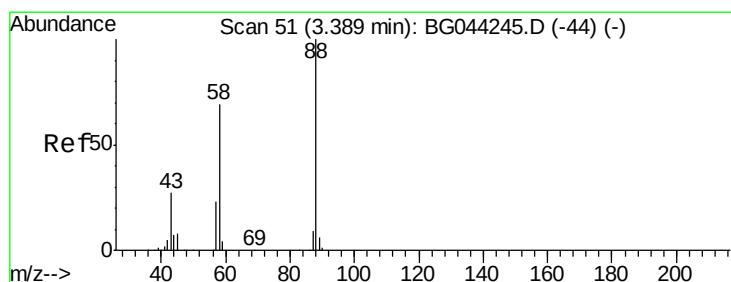
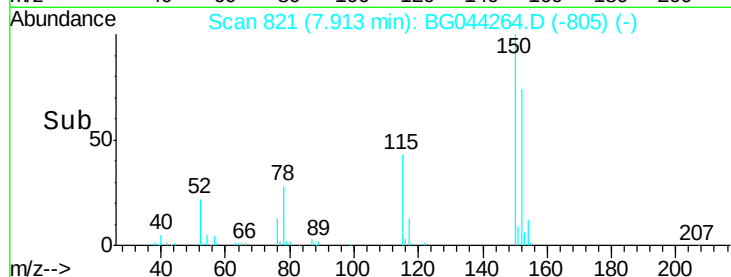
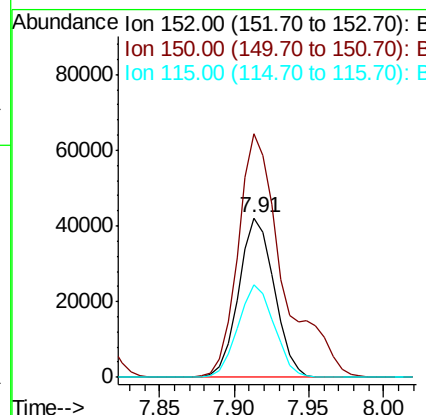
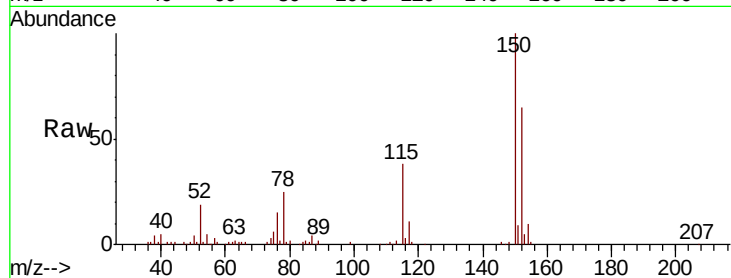
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	122.6	183.8
115	58.1	46.0	69.0

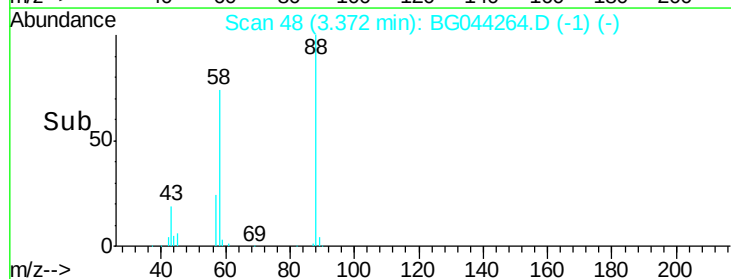
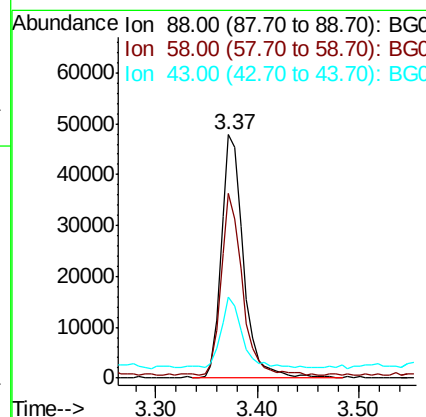
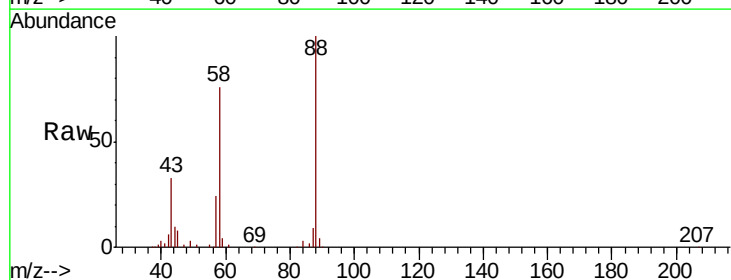
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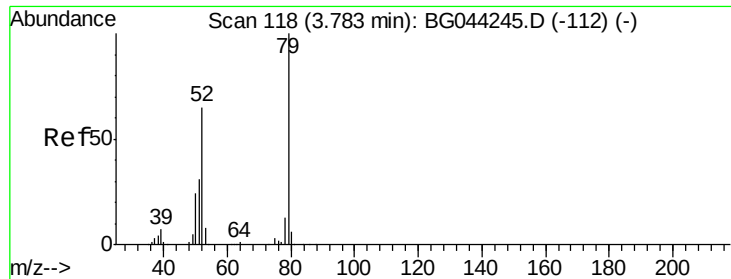
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#2
 1,4-Dioxane
 Concen: 40.762 ng
 RT: 3.37 min Scan# 48
 Delta R.T. -0.02 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	55.8	83.6
43	27.8	21.6	32.4





#3

Pvridine

Concen: 39.227 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

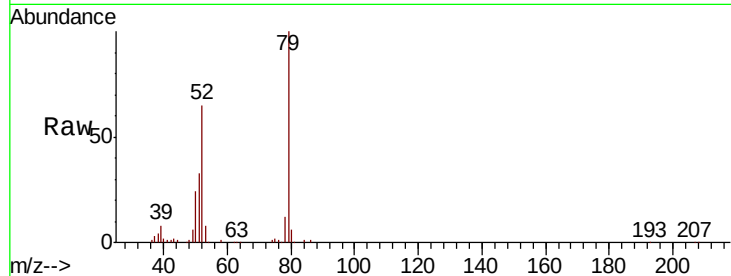
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C-1_013020MS

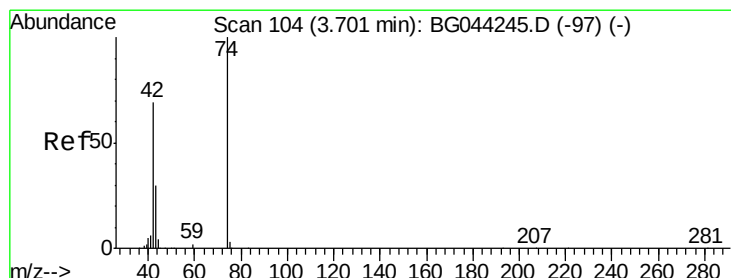
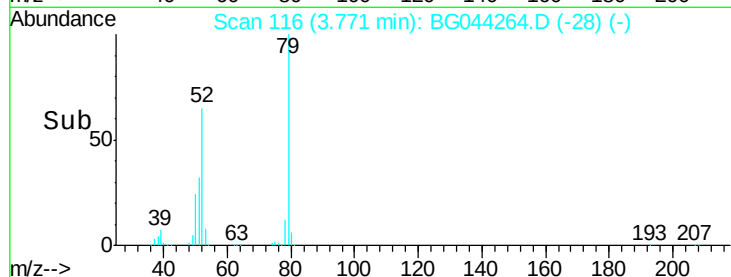
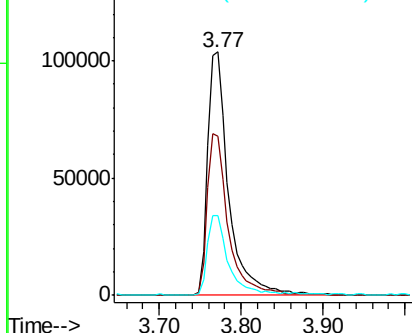
Tot Ion:	79	Resp:	185618
Ion	Ratio	Lower	Upper
79	100		
52	65.5	51.9	77.9
51	32.9	25.3	37.9

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 46.358 ng

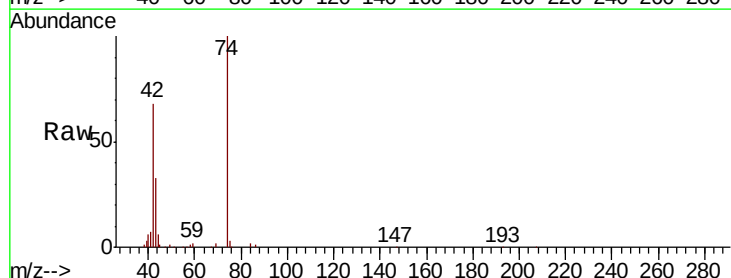
RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

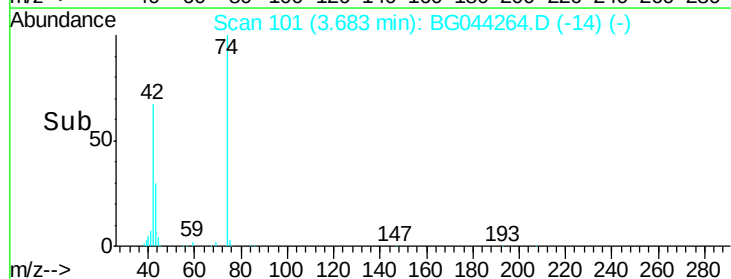
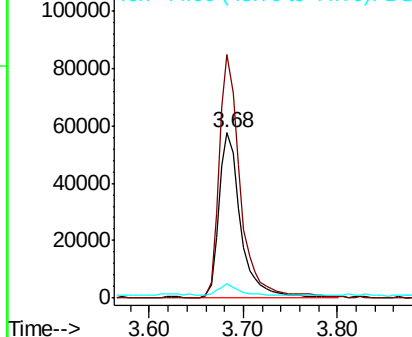
Lab File: BG044264.D

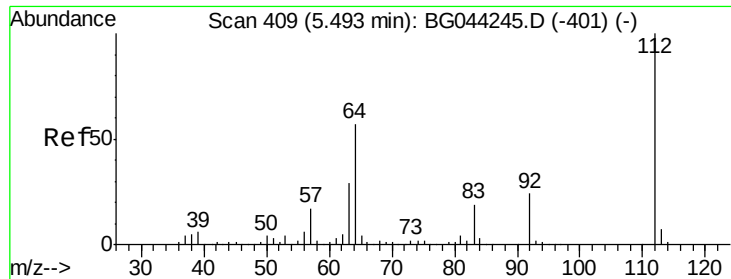
Acq: 31 Jan 2020 17:46

Tgt Ion:	42	Resp:	91664
Ion	Ratio	Lower	Upper
42	100		
74	147.5	115.1	172.7
44	8.5	5.6	8.4#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.562 ng

RT: 5.49 min Scan# 409

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

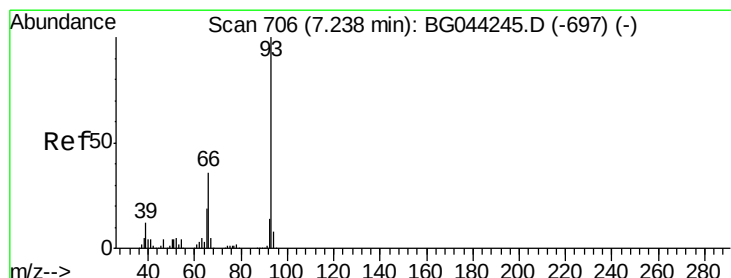
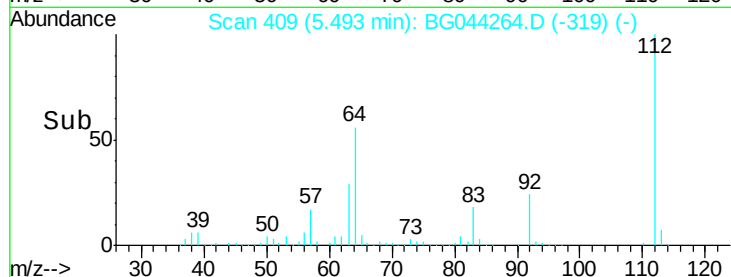
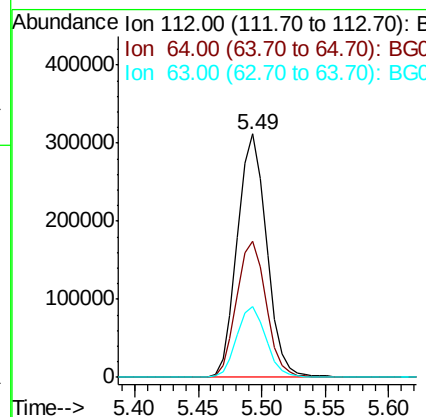
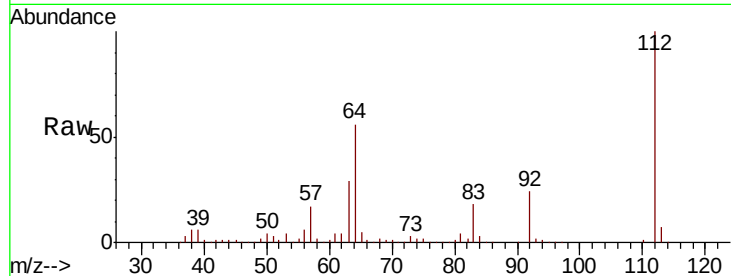
ClientSampleId :

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Tot Ion:	112	Resp:	500307
Ion Ratio	Lower	Upper	
112	100		
64	56.0	45.4	68.2
63	29.3	22.9	34.3

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#6

Aniline

Concen: 33.257 ng

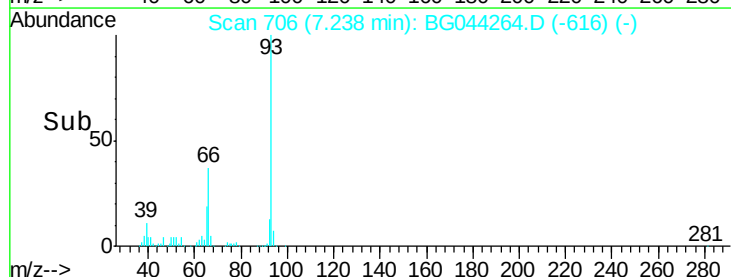
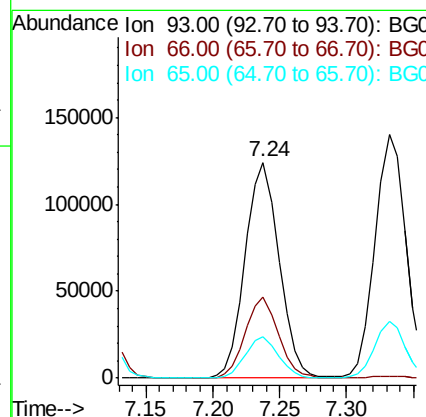
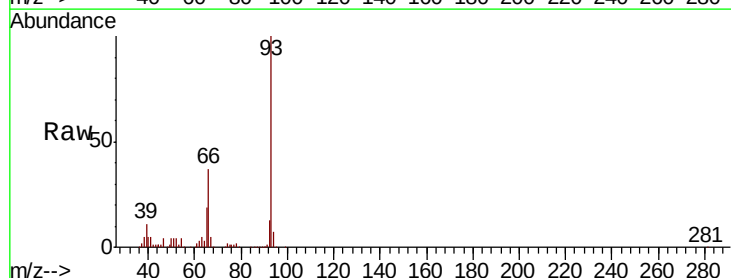
RT: 7.24 min Scan# 706

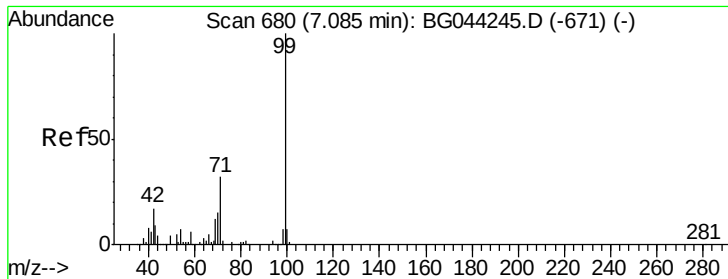
Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Tgt Ion:	93	Resp:	219134
Ion Ratio	Lower	Upper	
93	100		
66	37.4	28.7	43.1
65	19.3	15.4	23.0





#7

Phenol-d6

Concen: 136.116 ng

RT: 7.09 min Scan# 681

Delta R.T. 0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

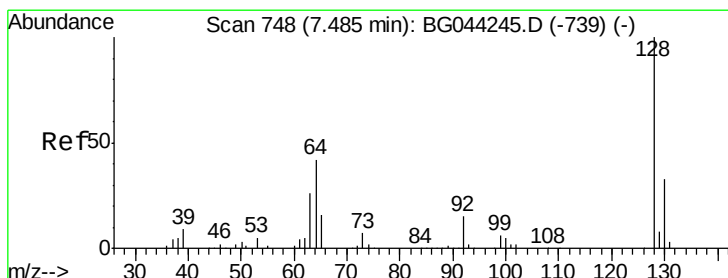
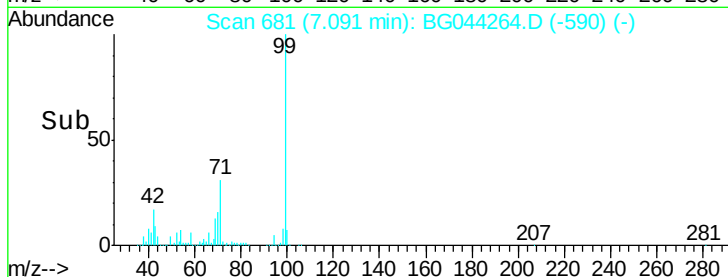
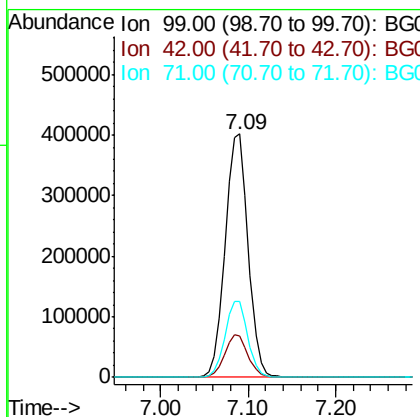
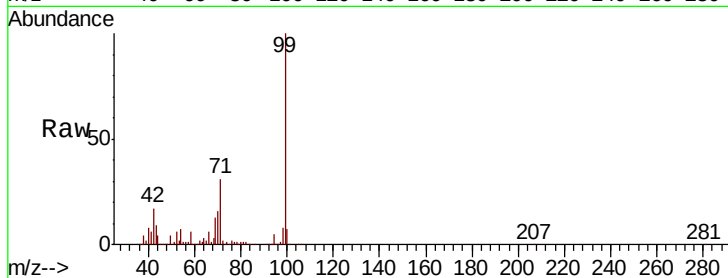
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Tot Ion:	99	Resp:	722552
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.8	20.6
71	31.4	25.5	38.3

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#8

2-Chlorophenol

Concen: 59.664 ng

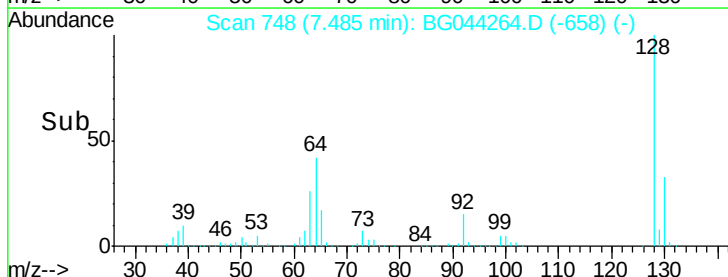
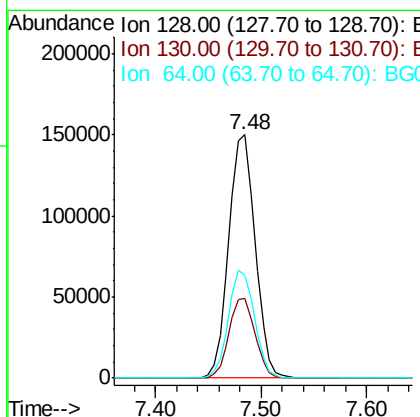
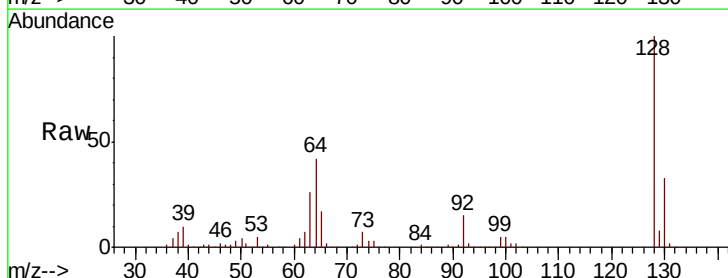
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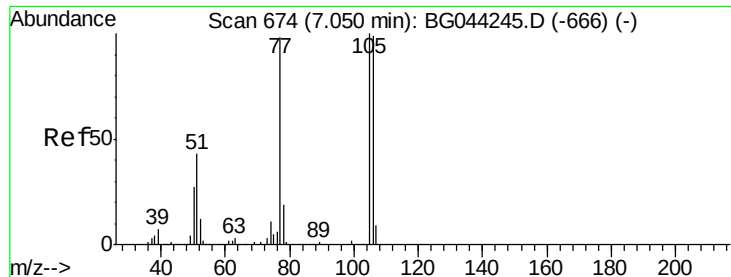
Delta R.T. -0.00 min

Lab File: BG044264.D

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Tgt Ion:	128	Resp:	259211
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	42.3	24.2	64.2





#9

Benzaldehyde

Concen: 37.229 ng

RT: 7.04 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

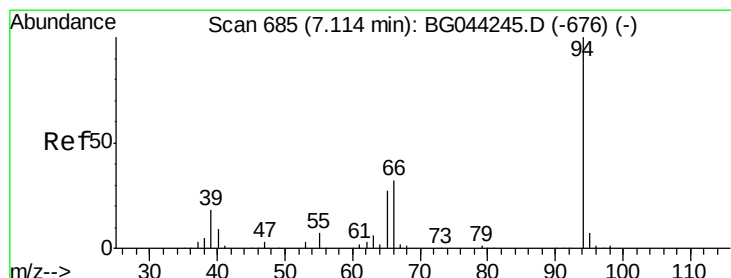
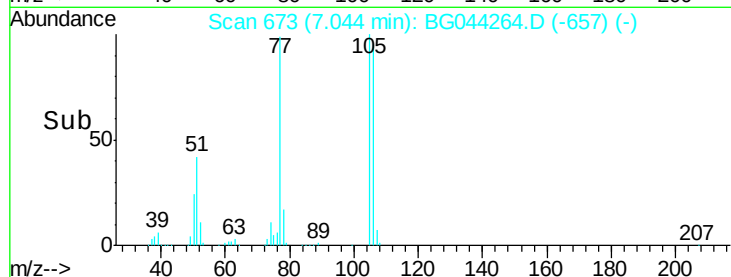
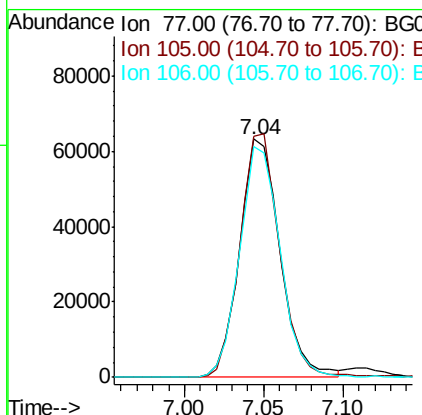
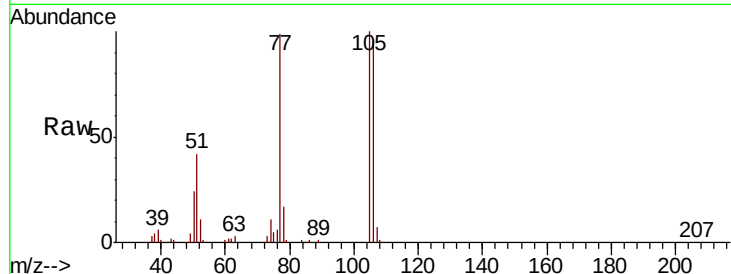
ClientSampleId :

C-1_013020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.5	82.0	112554	122.0	
106	96.9	80.7	120.7		

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#10

Phenol

Concen: 68.100 ng

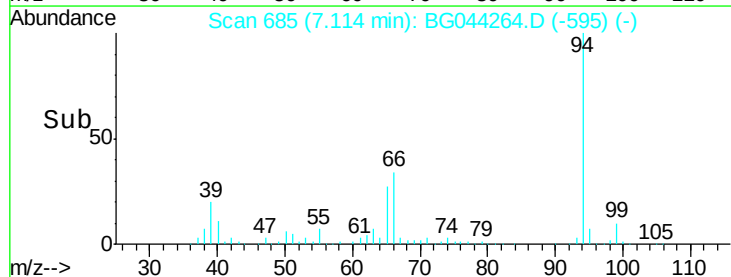
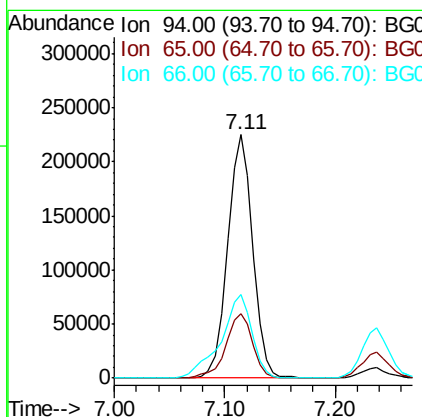
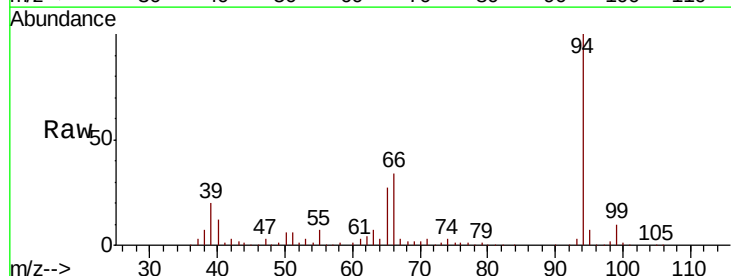
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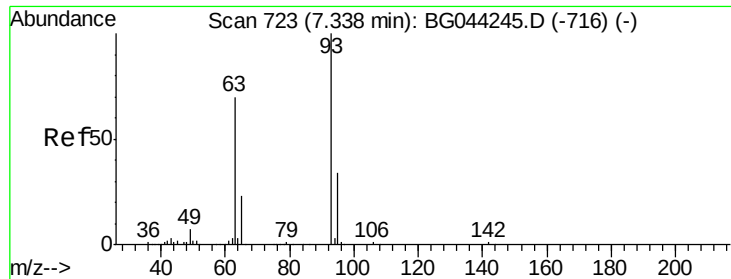
Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.5	7.0	357762	47.0	
66	34.3	12.7	52.7		





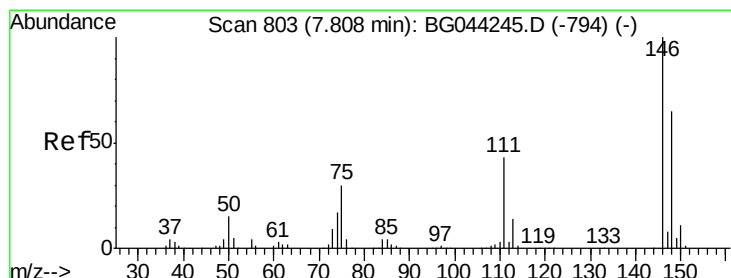
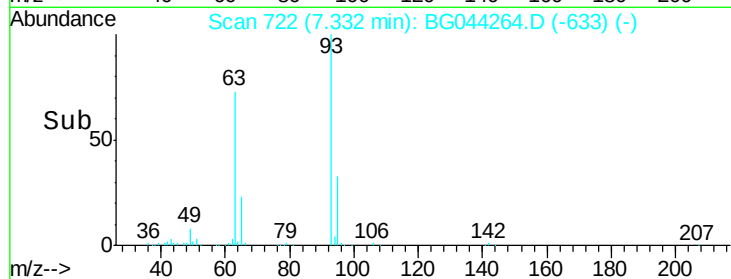
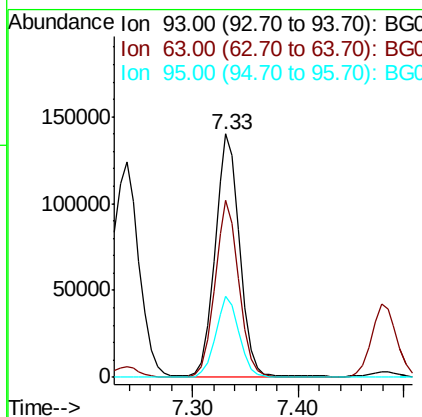
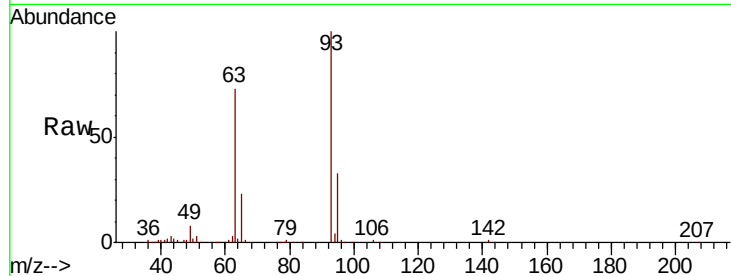
#11
bis(2-Chloroethyl)ether
Concen: 50.528 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	226938		
63	72.8		49.2	89.2
95	33.2		13.6	53.6

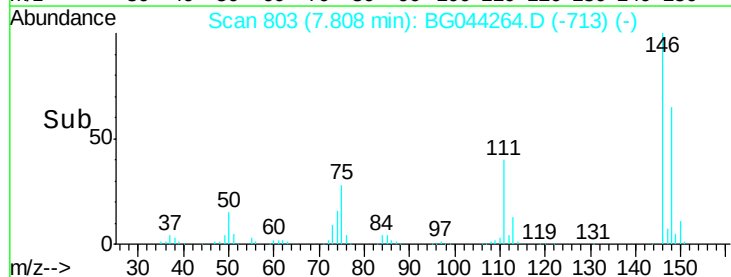
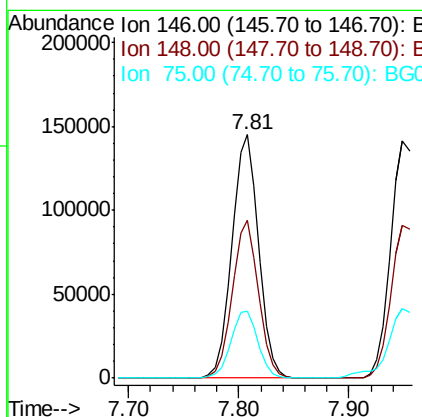
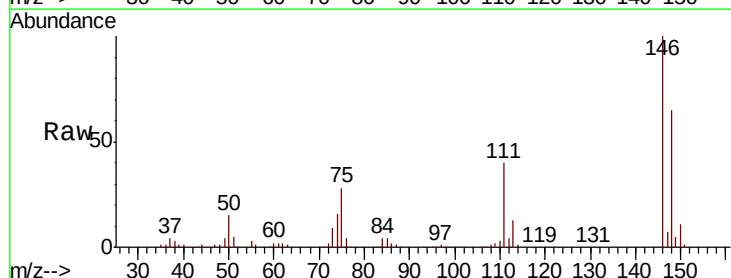
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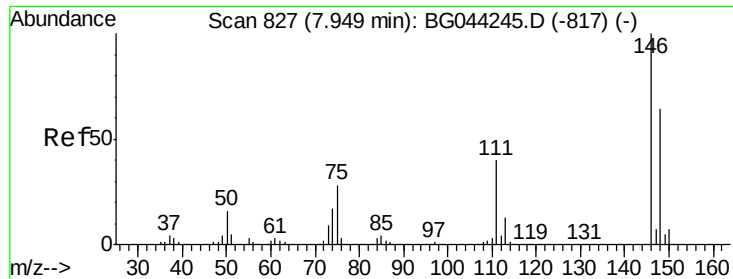
mohammad
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#12
1,3-Dichlorobenzene
Concen: 47.218 ng
RT: 7.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244930		
148	64.6		51.8	77.8
75	27.6		23.7	35.5





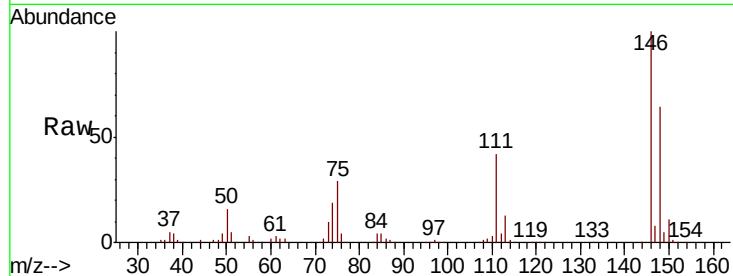
#13
 1,4-Dichlorobenzene
 Concen: 47.764 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

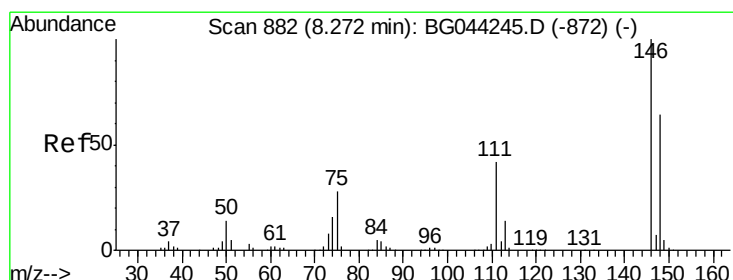
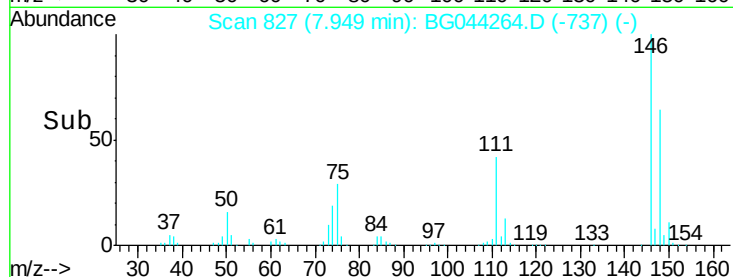
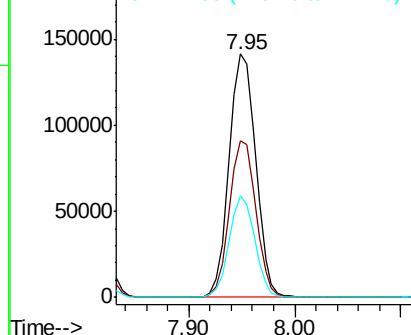
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	41.9	31.8	47.8

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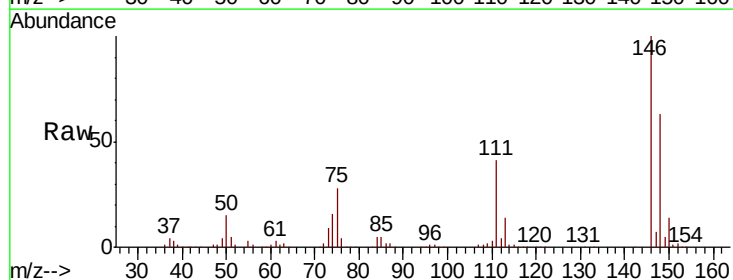


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

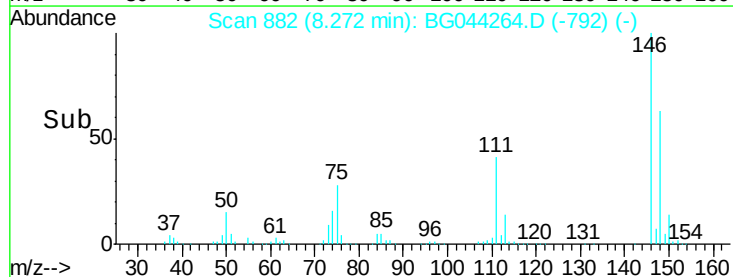
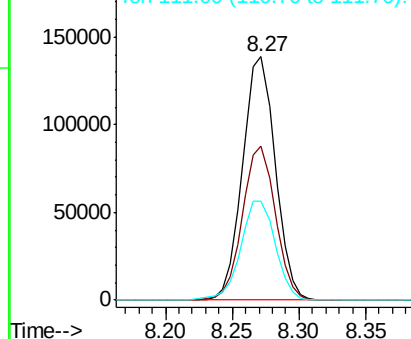


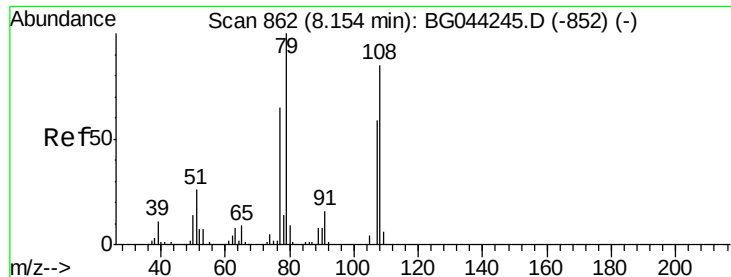
#14
 1,2-Dichlorobenzene
 Concen: 48.450 ng
 RT: 8.27 min Scan# 882
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.2	76.8
111	40.8	34.0	51.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 58.248 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

ClientSampleId :

C-1_013020MS

Tot Ion: 79 Resp: 218908

Ion Ratio Lower Upper

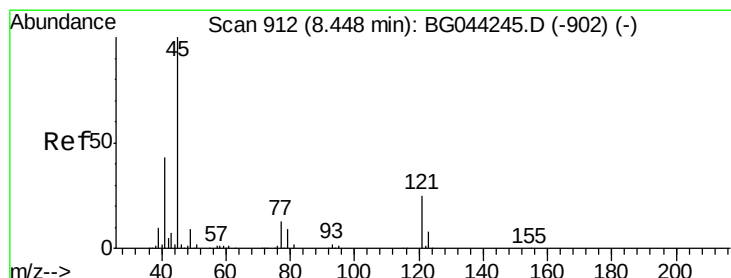
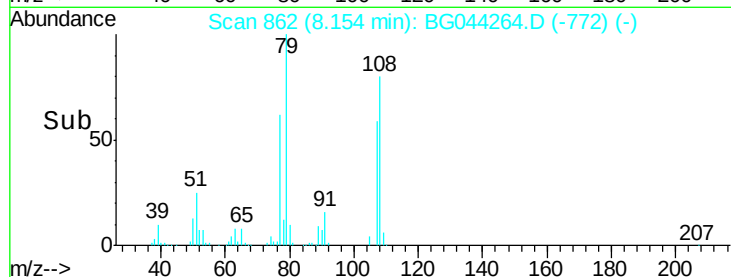
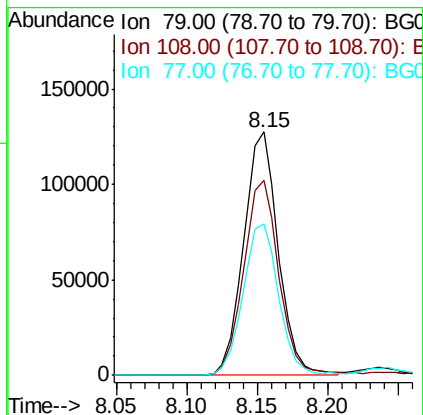
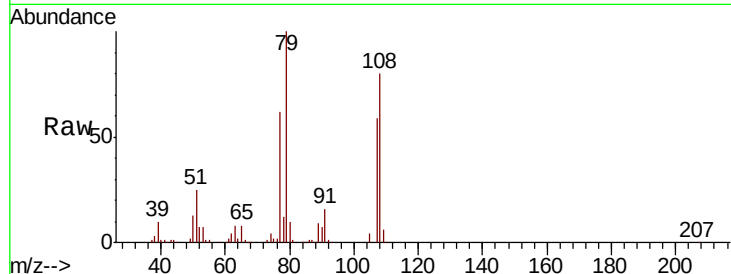
79 100

108 80.2 68.3 102.5

77 62.1 51.8 77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 49.444 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

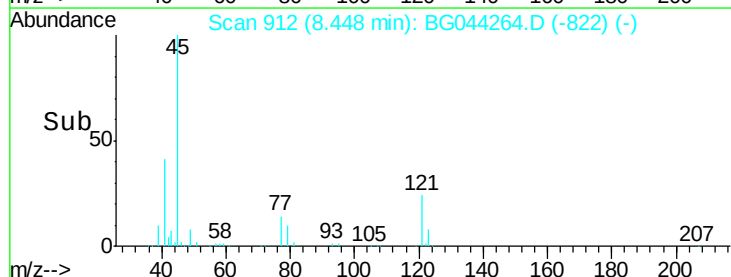
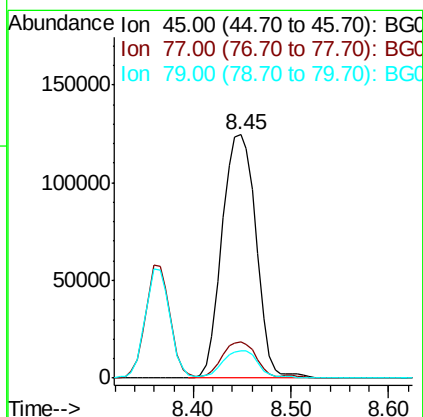
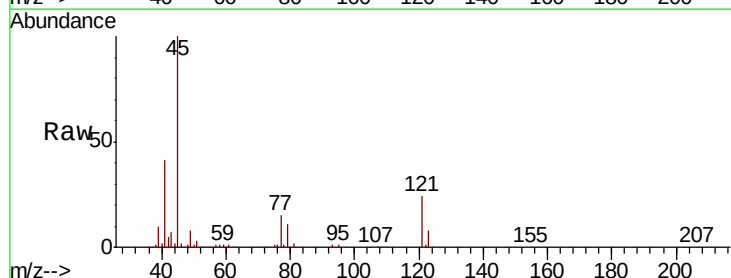
Tgt Ion: 45 Resp: 300567

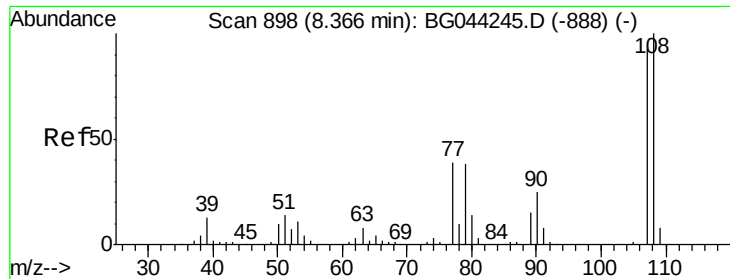
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.2

79 11.3 0.0 31.1





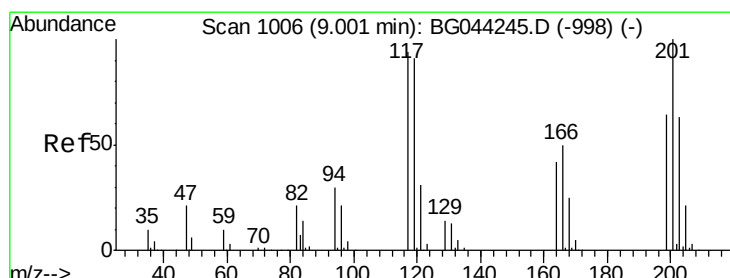
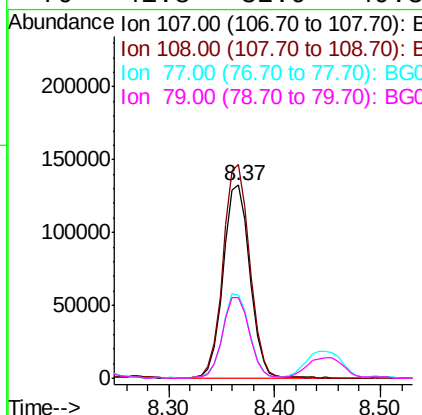
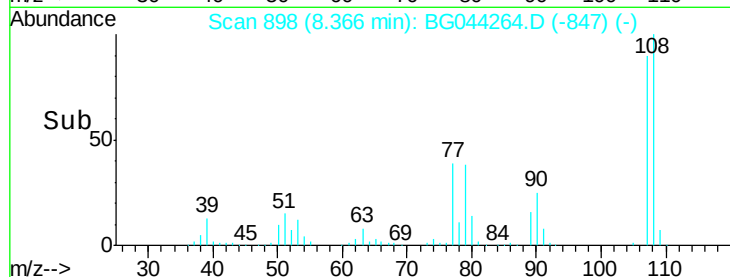
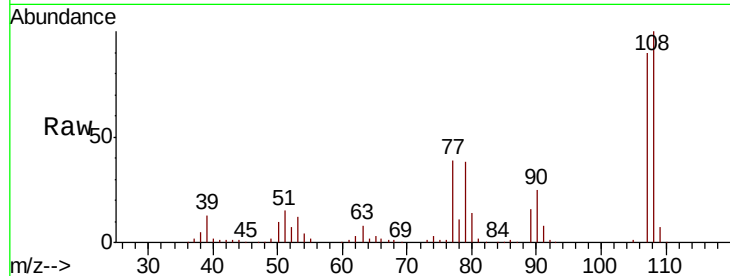
#17
2-Methylphenol
Concen: 62.099 ng
RT: 8.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	86.4	129.6	
77	43.4	34.0	51.0	
79	41.8	32.9	49.3	

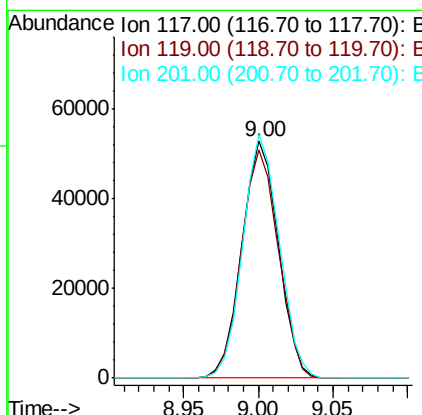
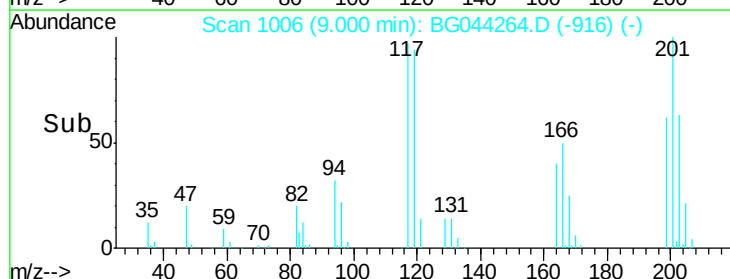
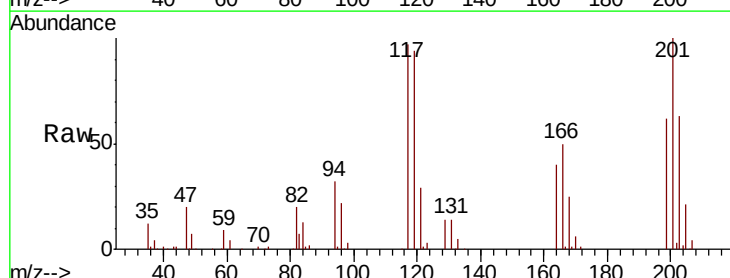
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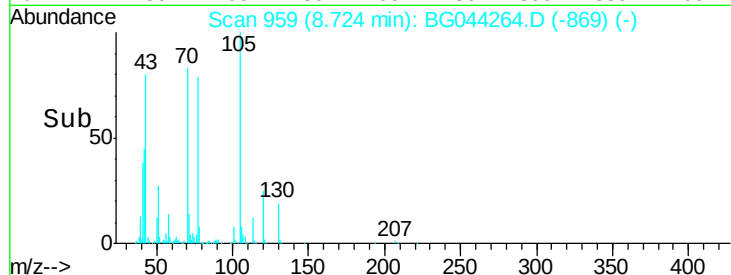
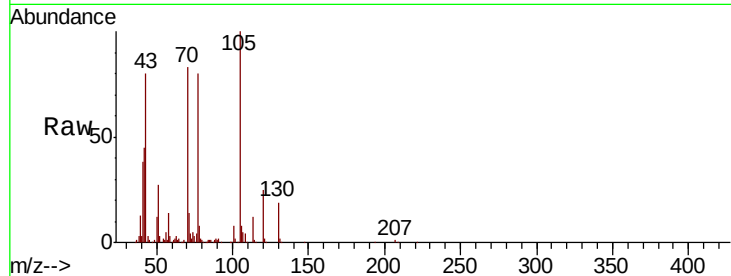
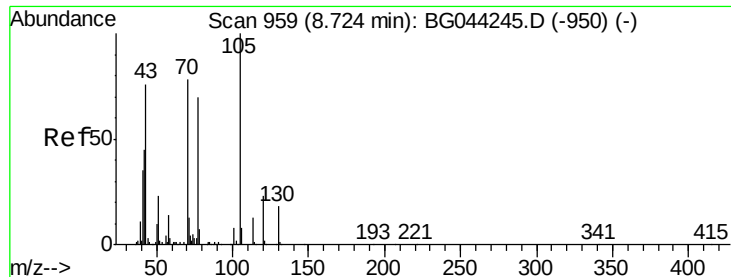
mohammad
2/3/2020 4:10:49 PM



#18
Hexachloroethane
Concen: 46.568 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.5	116.3	
201	102.8	84.9	127.3	





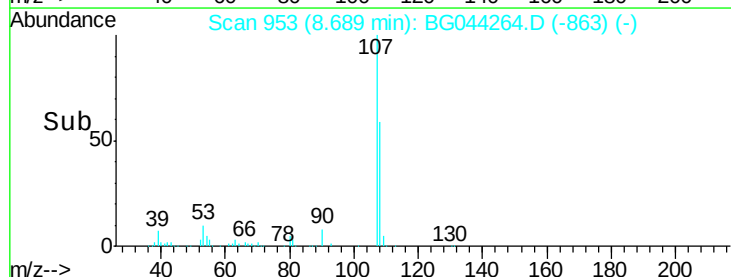
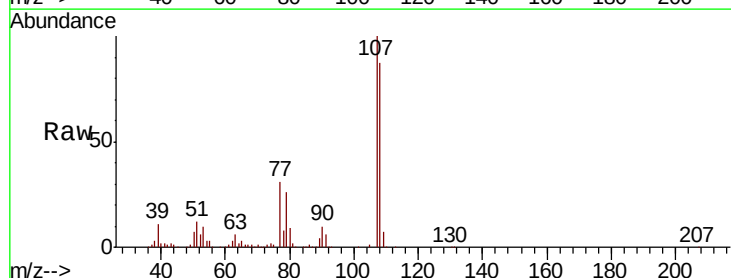
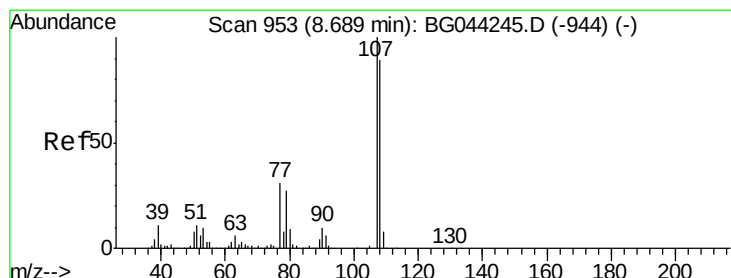
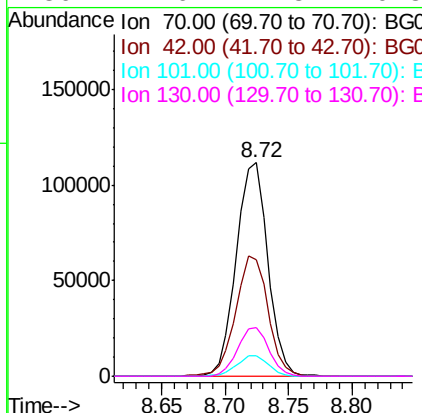
#19
n-Nitroso-di-n-propylamine
Concen: 54.476 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.4	46.2	69.2	
101	9.8	8.4	12.6	
130	22.6	17.8	26.8	

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

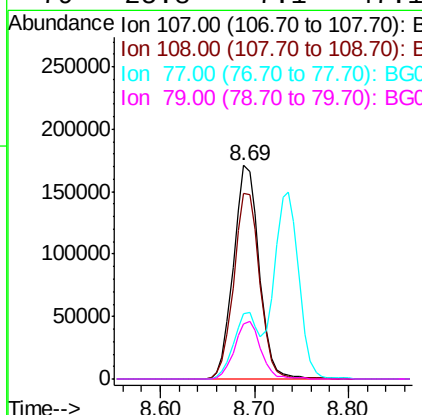
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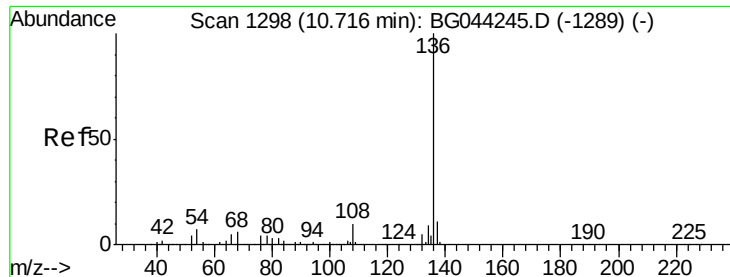
mohammad
2/3/2020 4:10:49 PM



#20
3+4-Methylphenols
Concen: 62.939 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	68.5	108.5	
77	30.5	10.9	50.9	
79	25.8	7.1	47.1	





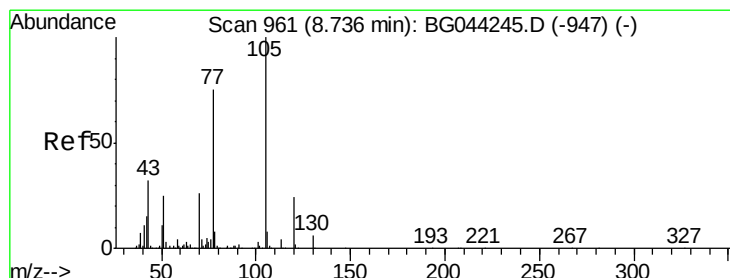
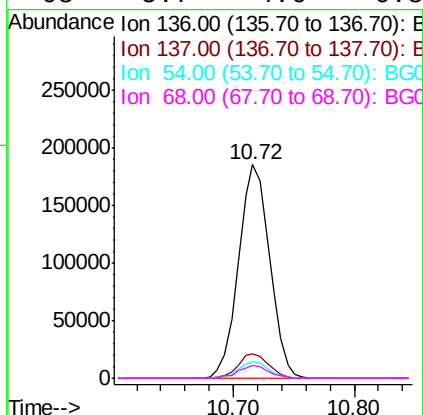
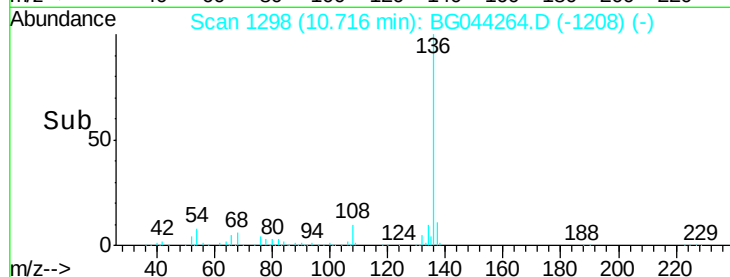
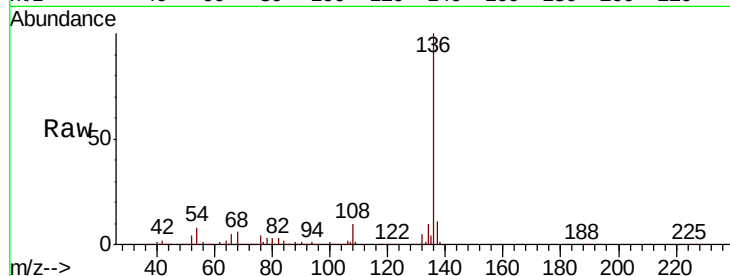
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		332650		
137	11.1	8.8	13.2		
54	7.5	5.8	8.8		
68	5.7	4.6	6.8		

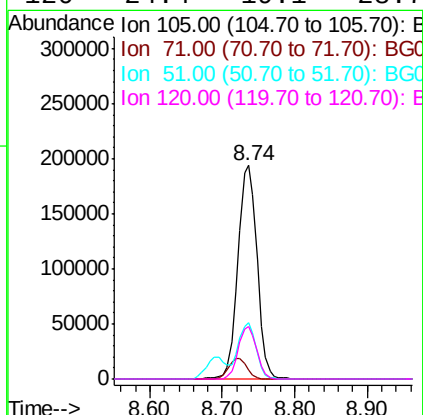
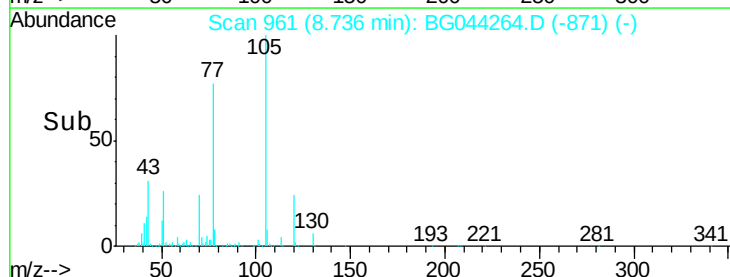
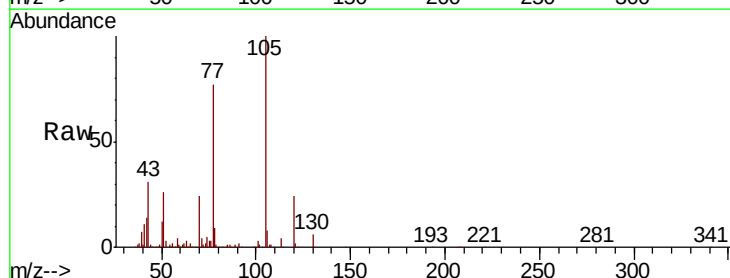
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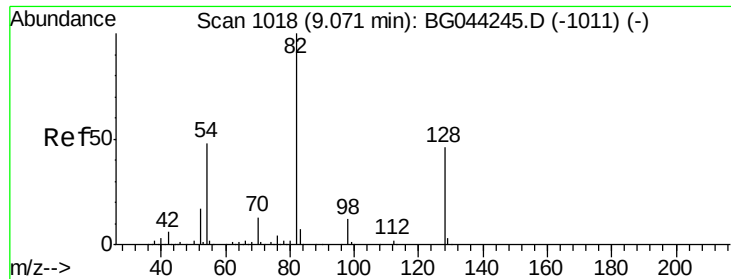
mohammad
2/3/2020 4:10:49 PM



#22
Acetophenone
Concen: 44.017 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		356200		
71	3.9	3.4	5.0		
51	26.2	20.2	30.4		
120	24.4	19.1	28.7		





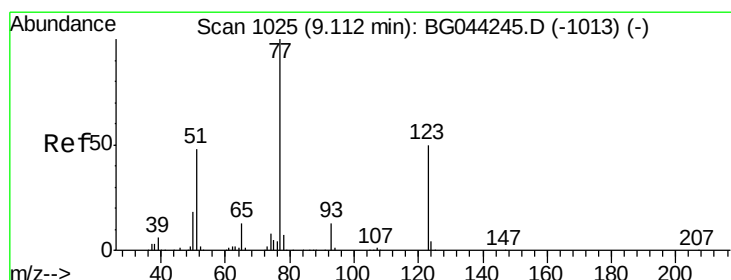
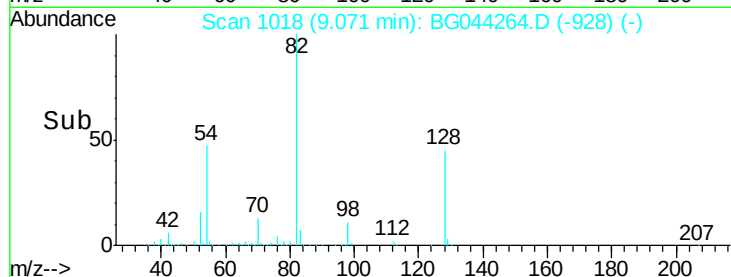
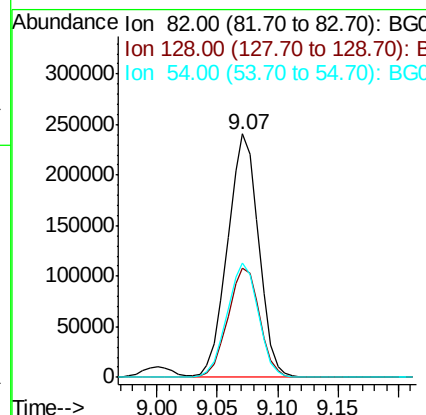
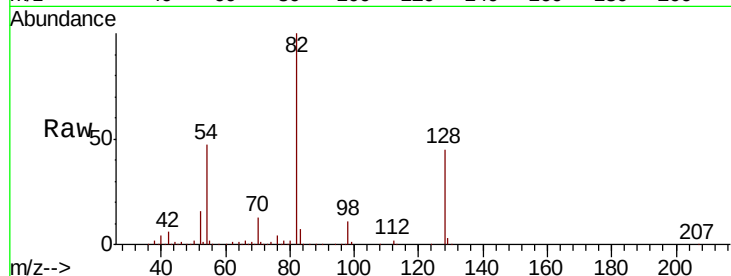
#23
 Nitrobenzene-d5
 Concen: 72.571 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.5	54.7
54	46.9	38.6	58.0

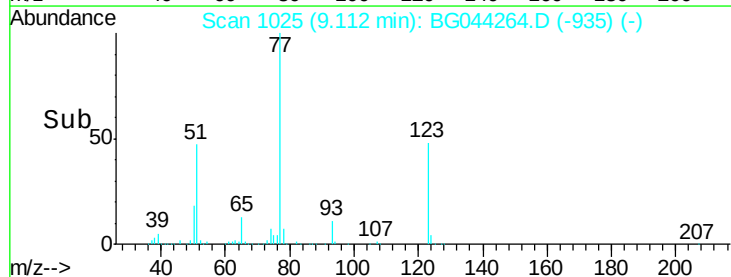
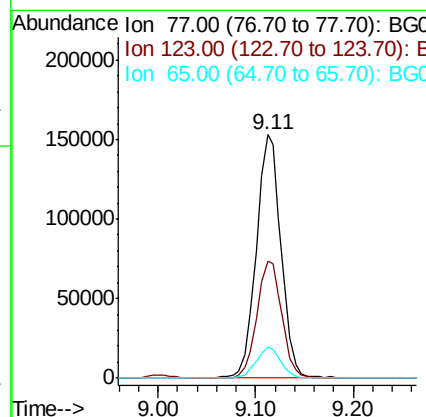
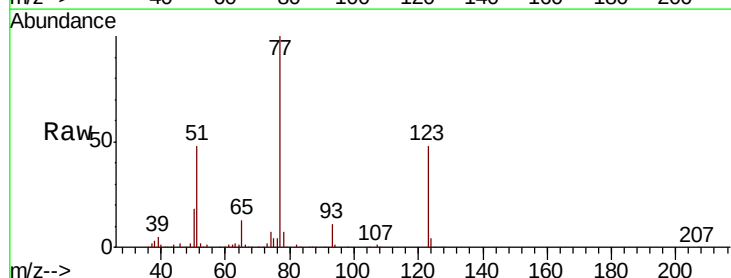
Manual Integrations
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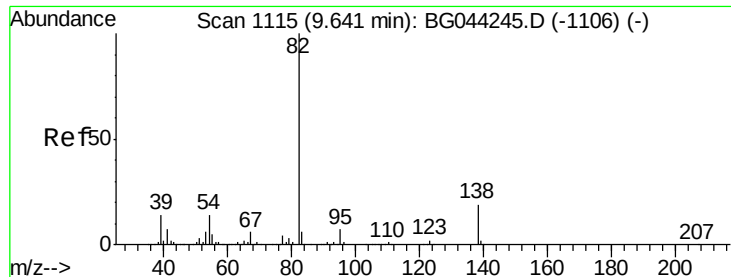
mohammad
 2/3/2020 4:10:49 PM



#24
 Nitrobenzene
 Concen: 47.264 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.8	39.9	59.9
65	12.8	10.4	15.6





#25

Isophorone

Concen: 49.904 ng

RT: 9.64 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

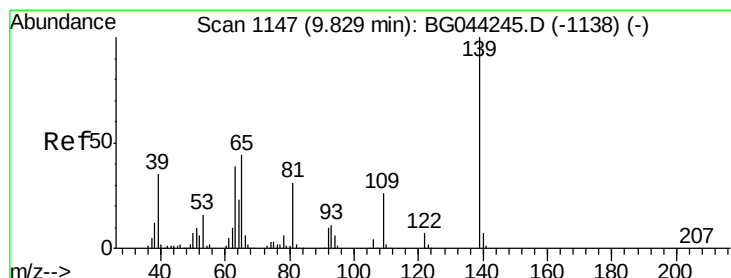
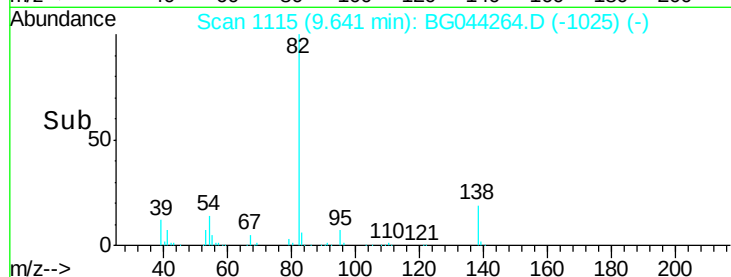
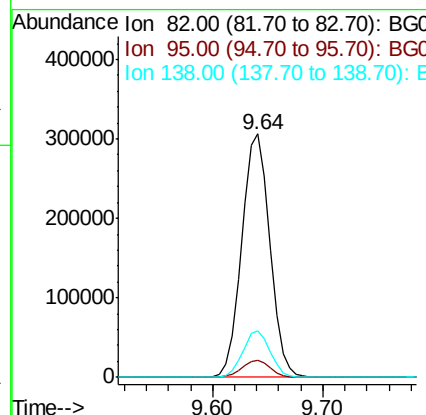
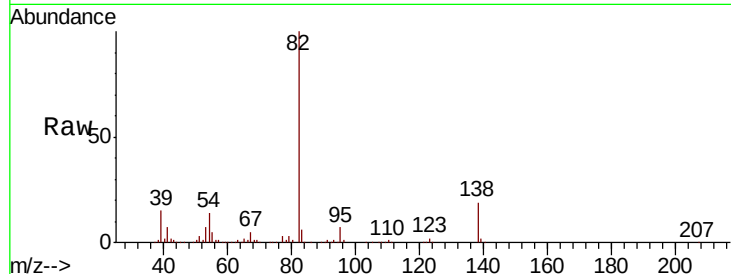
ClientSampleId :

C-1_013020MS

Tot Ion:	82	Resp:	548060
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	18.9	15.0	22.4

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#26

2-Nitrophenol

Concen: 50.239 ng

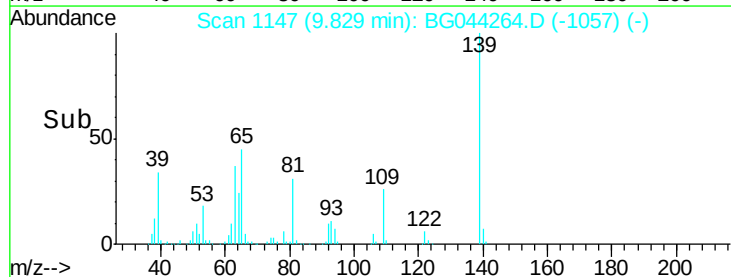
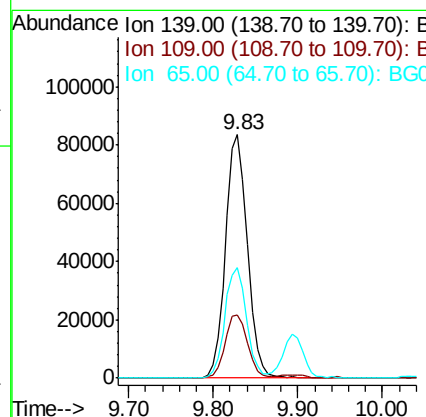
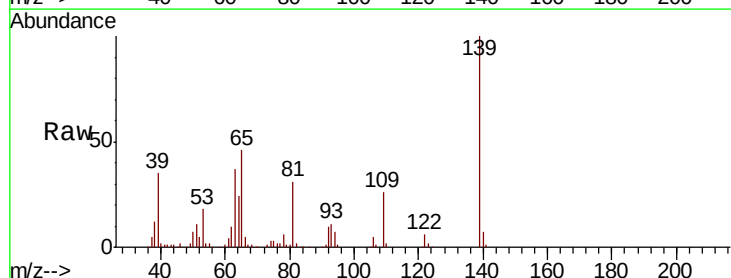
RT: 9.83 min Scan# 1147

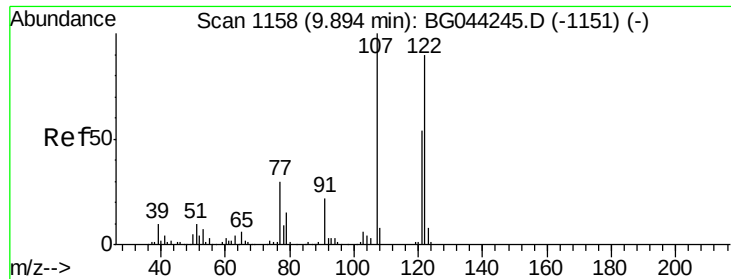
Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Tgt Ion:	139	Resp:	149951
Ion	Ratio	Lower	Upper
139	100		
109	26.1	21.0	31.4
65	45.6	35.0	52.4





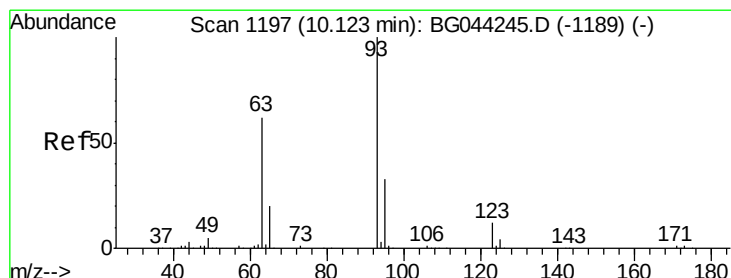
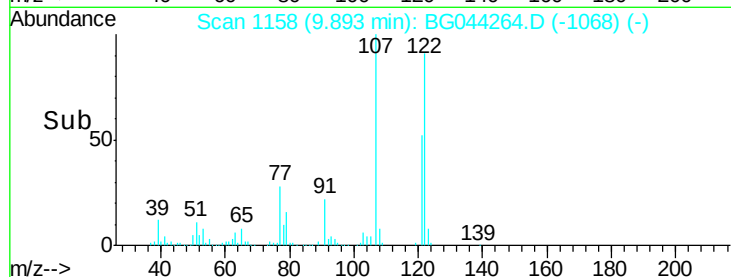
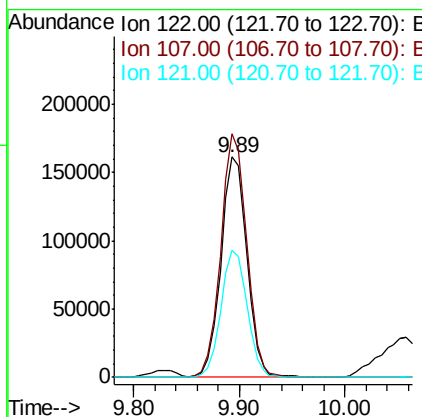
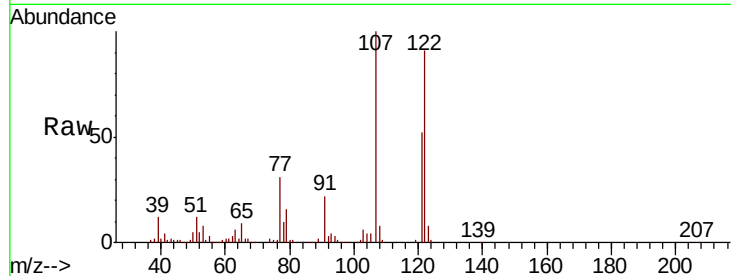
#27
 2,4-Dimethylphenol
 Concen: 65.139 ng
 RT: 9.89 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.5	88.8	133.2
121	57.8	48.3	72.5

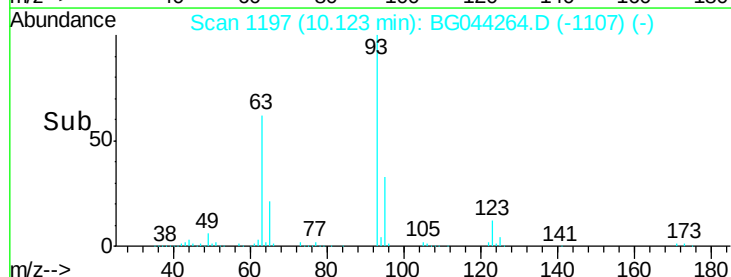
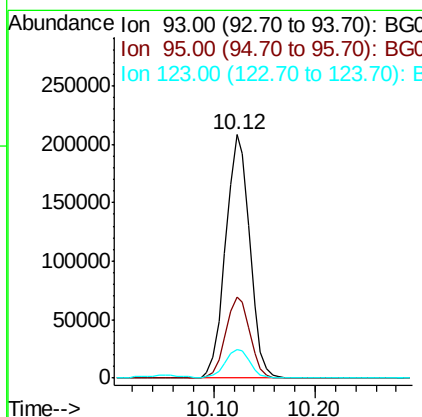
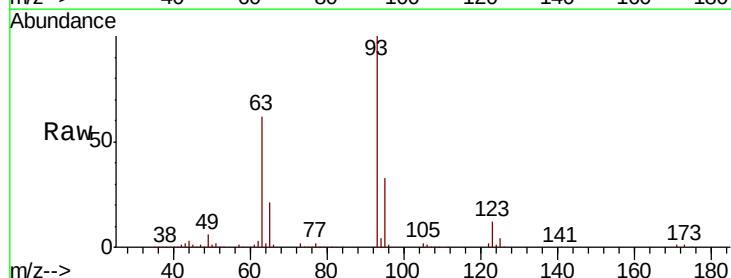
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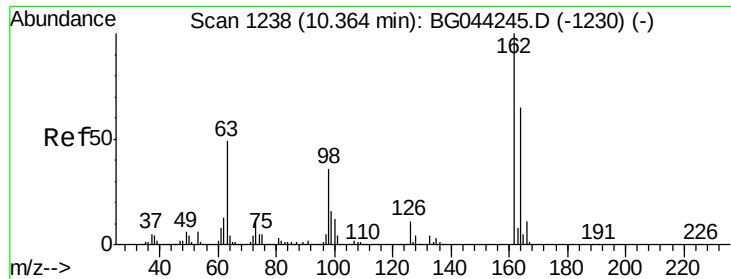
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.938 ng
 RT: 10.12 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.6	40.0
123	12.0	10.0	15.0





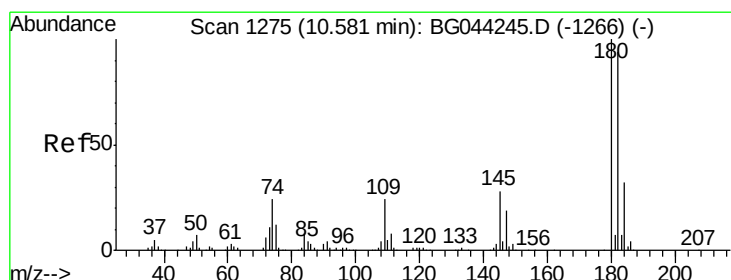
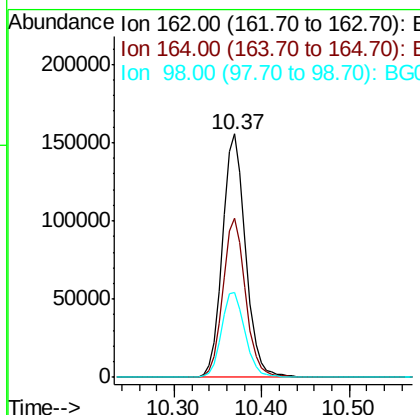
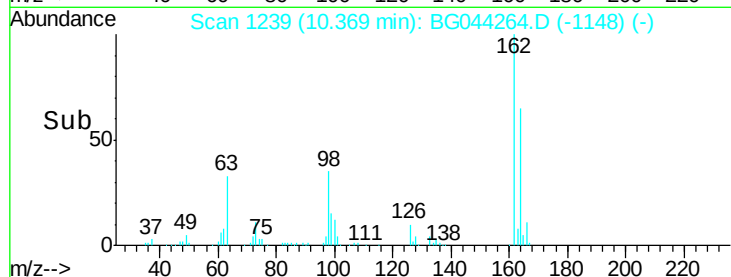
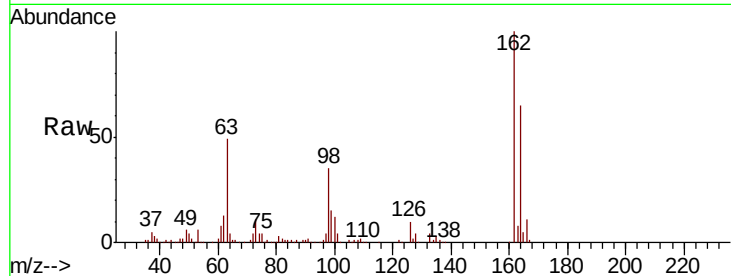
#29
2,4-Dichlorophenol
Concen: 55.787 ng
RT: 10.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	284210		
164	65.4	44.7	84.7	
98	34.9	15.8	55.8	

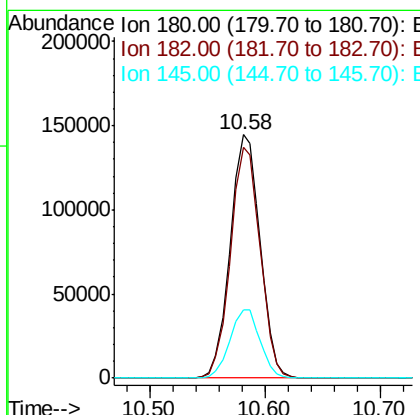
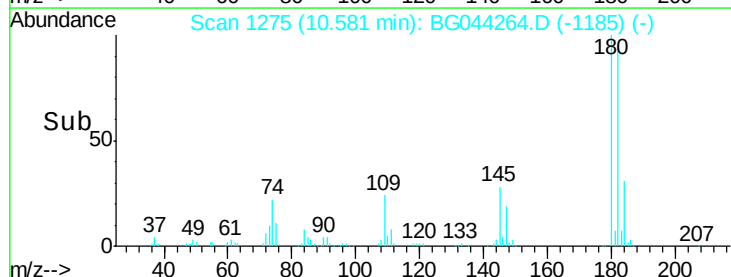
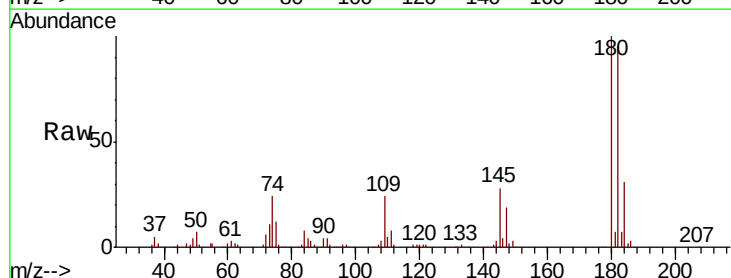
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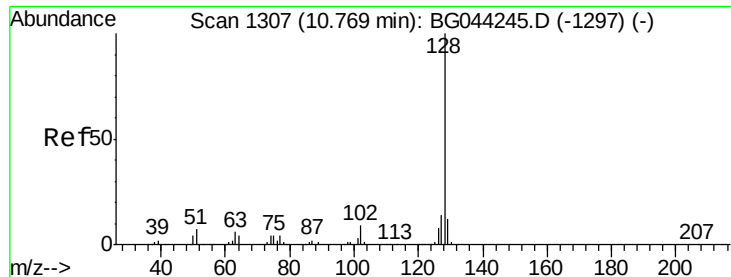
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#30
1,2,4-Trichlorobenzene
Concen: 44.162 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257982		
182	94.6	75.5	113.3	
145	28.1	22.6	34.0	





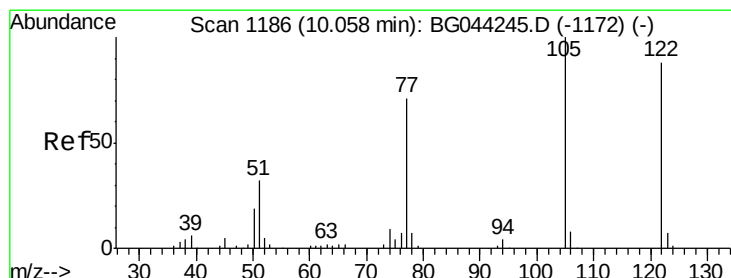
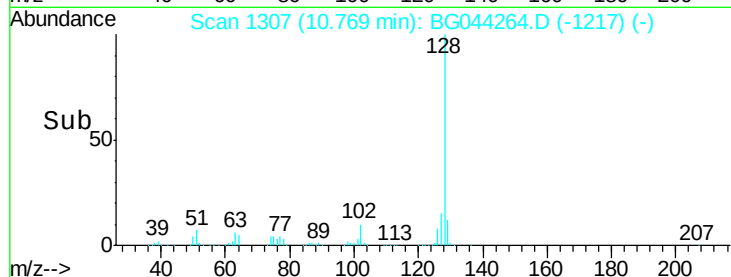
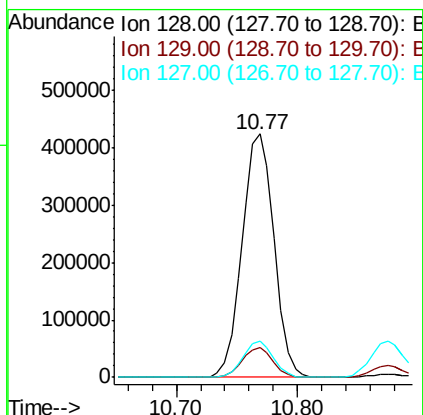
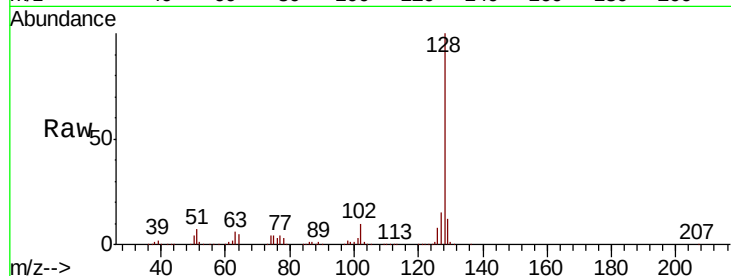
#31
Naphthalene
Concen: 48.298 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.3	13.9
127	14.7	11.6	17.4

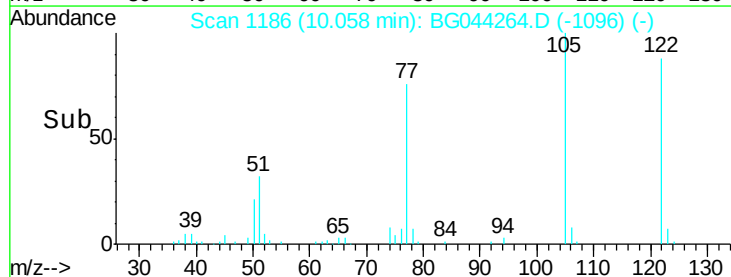
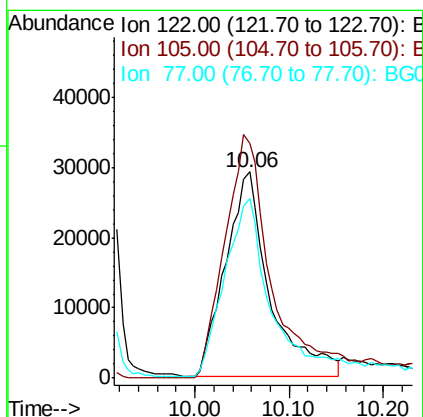
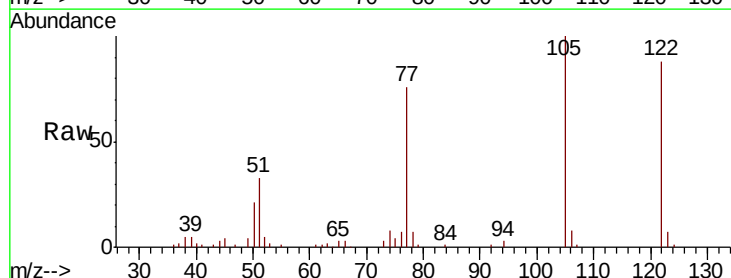
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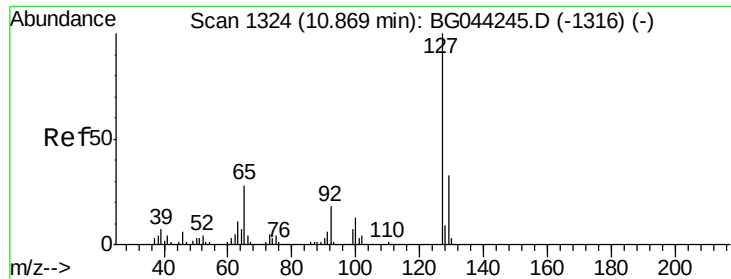
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#32
Benzoic acid
Concen: 38.632 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.0	93.5	133.5
77	87.0	61.0	101.0





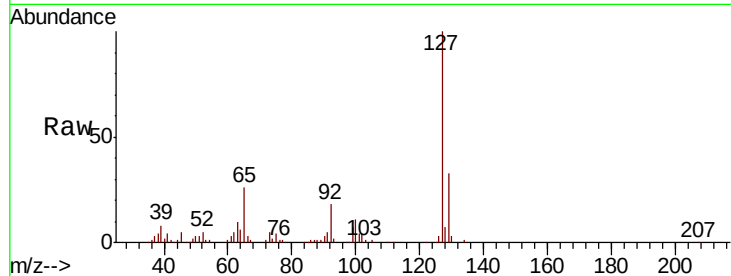
#33
4-Chloroaniline
Concen: 17.302 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

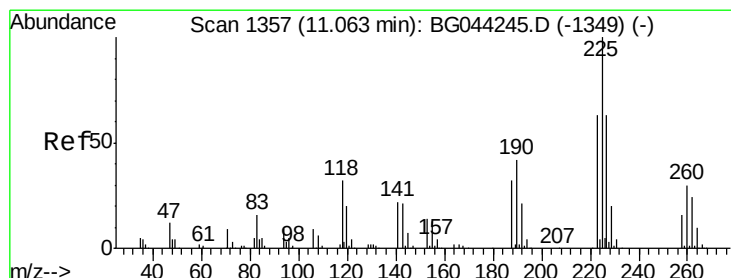
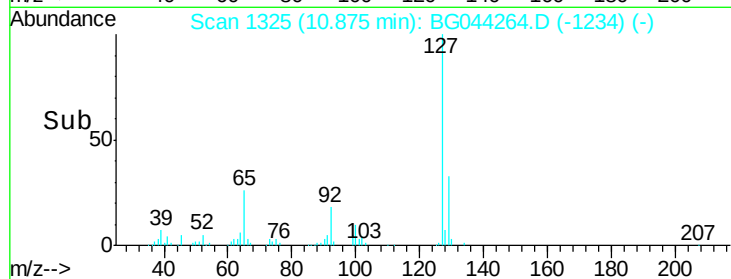
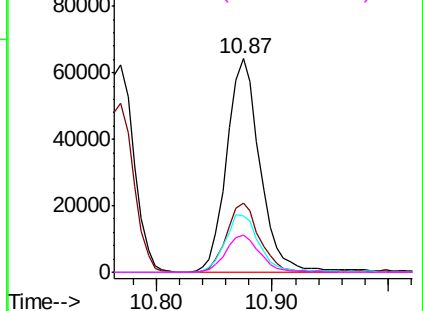
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		127000		
129	32.5	26.6	40.0		
65	26.4	22.5	33.7		
92	17.7	14.1	21.1		

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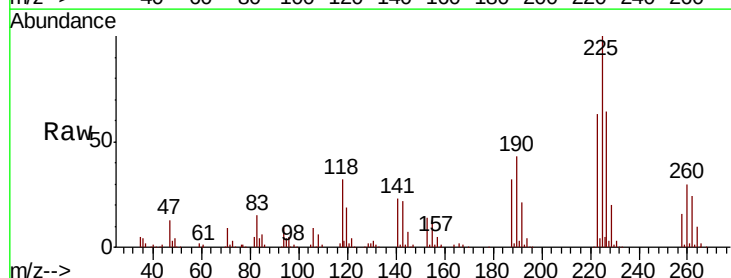


Abundance Ion 127.00 (126.70 to 127.70): E
100000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

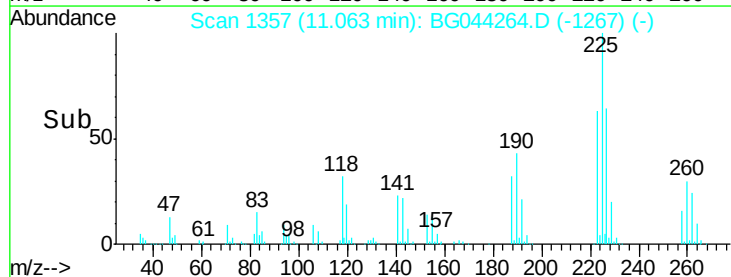
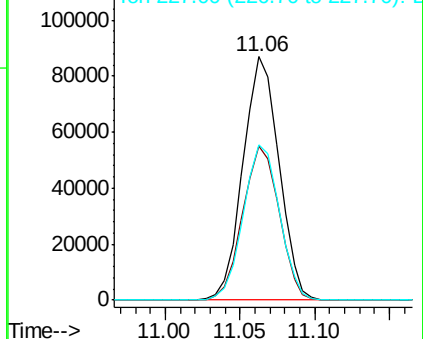


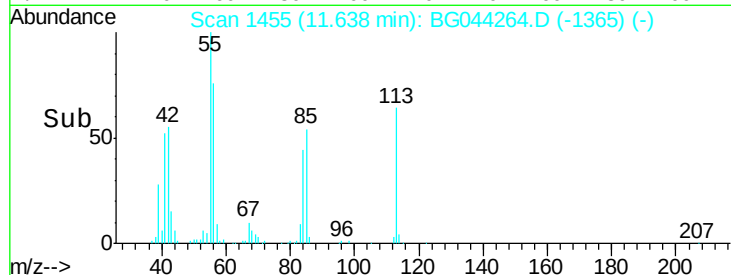
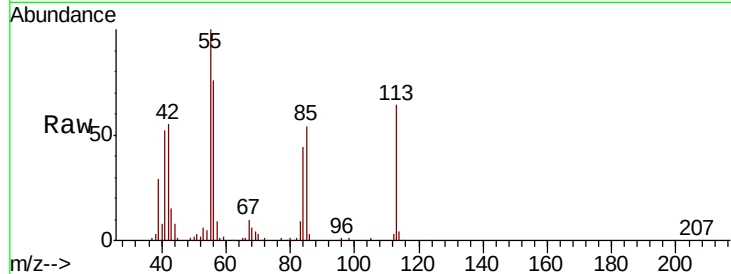
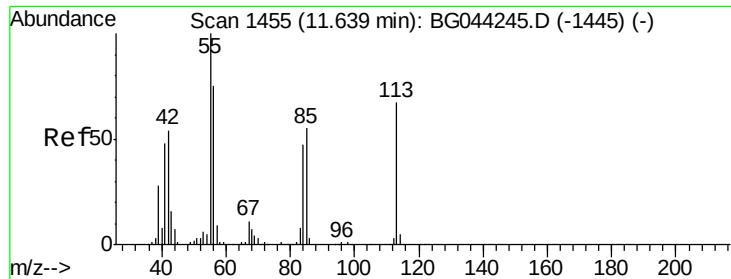
#34
Hexachlorobutadiene
Concen: 40.410 ng
RT: 11.06 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		145256		
223	63.1	50.2	75.4		
227	63.9	50.8	76.2		



Abundance Ion 225.00 (224.70 to 225.70): E
120000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 61.816 ng/mL

RT: 11.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

ClientSampleId :

C-1_013020MS

Tot Ion:113 Resp: 115363

Ion Ratio Lower Upper

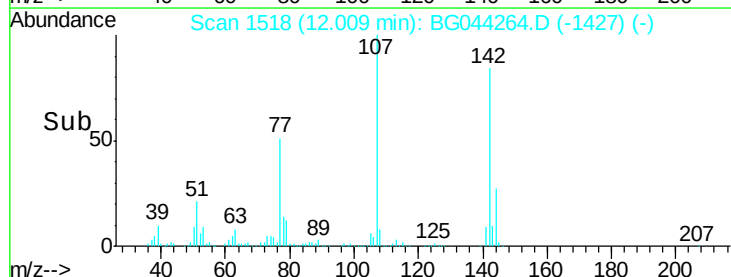
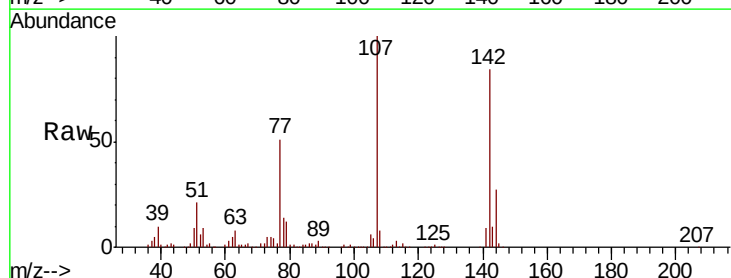
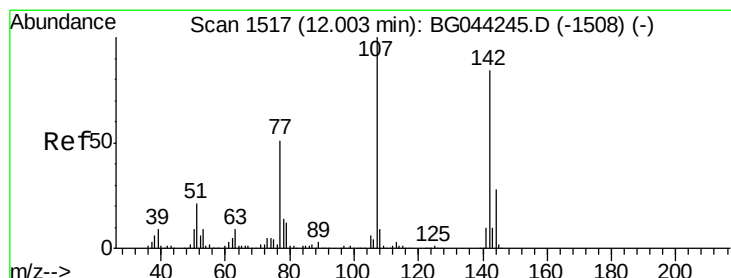
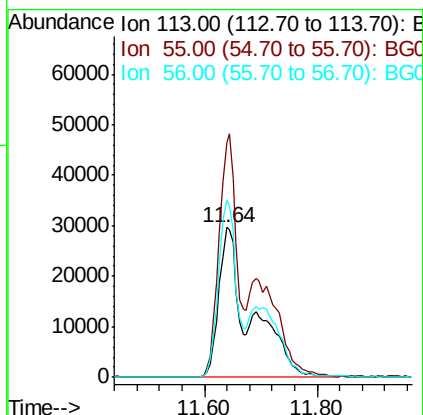
113 100

55 156.4 129.9 169.9

56 118.2 92.5 132.5

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#36

4-Chloro-3-methylphenol

Concen: 60.196 ng/mL

RT: 12.01 min Scan# 1518

Delta R.T. 0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

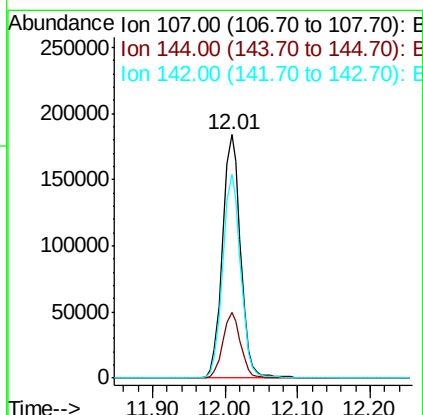
Tgt Ion:107 Resp: 321534

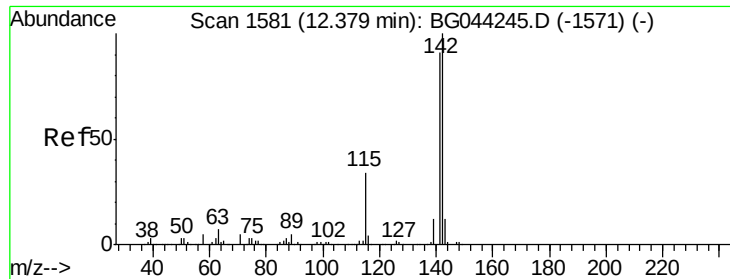
Ion Ratio Lower Upper

107 100

144 27.2 22.2 33.4

142 83.6 67.4 101.0





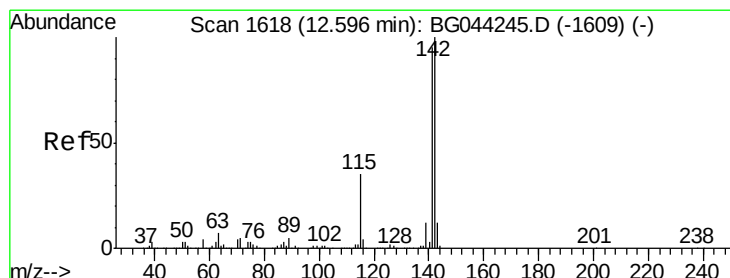
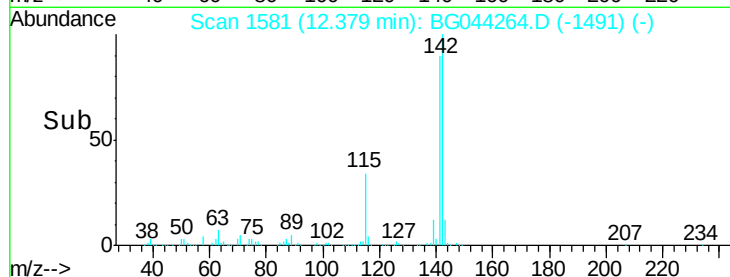
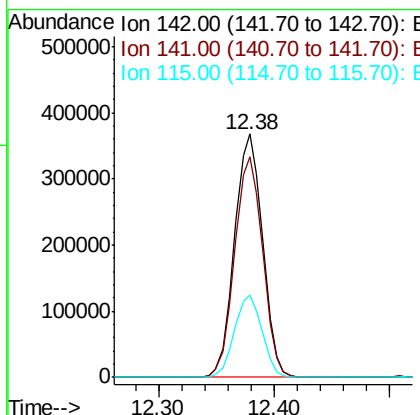
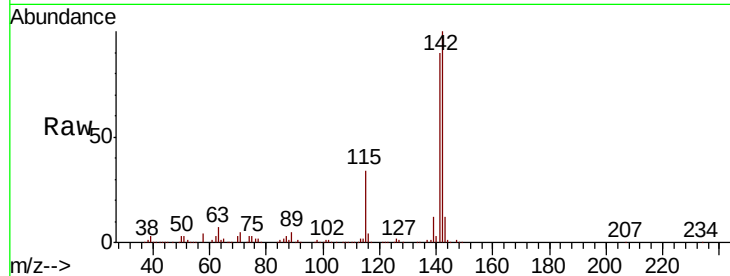
#37
2-Methylnaphthalene
Concen: 51.544 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.2	109.8
115	34.0	27.1	40.7

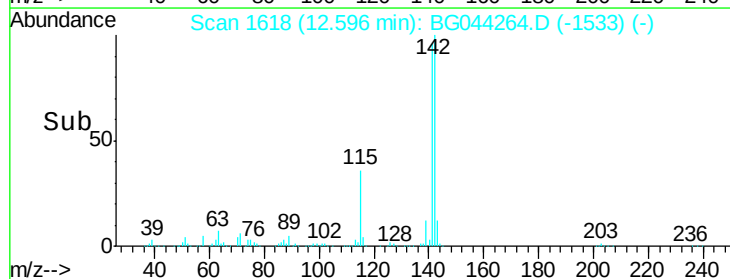
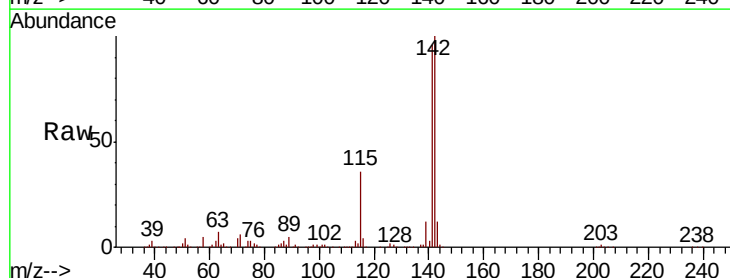
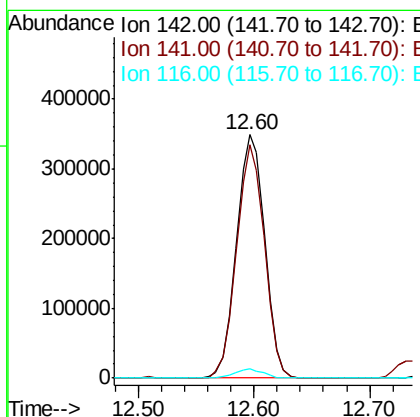
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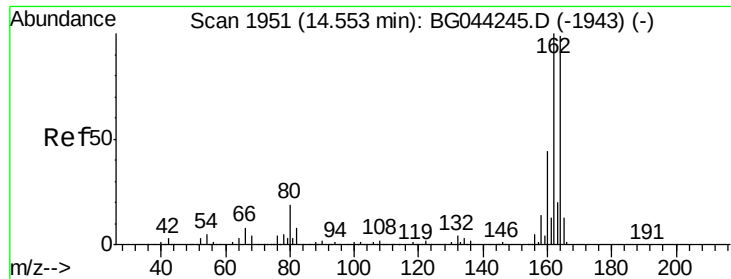
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#38
1-Methylnaphthalene
Concen: 52.202 ng
RT: 12.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.8	75.8	113.6
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.56 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

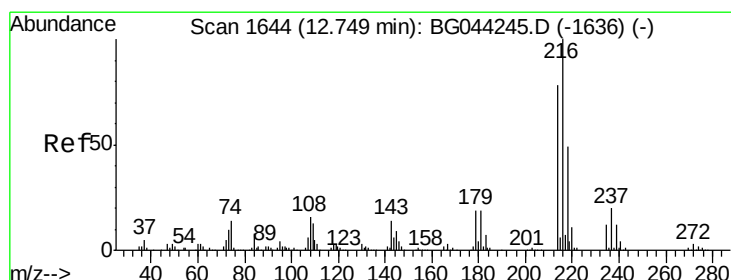
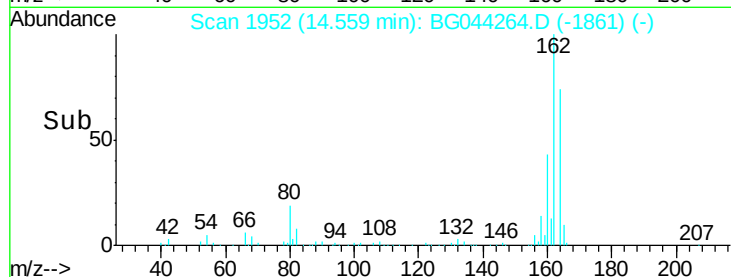
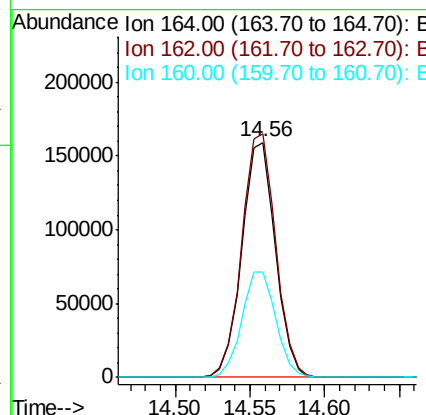
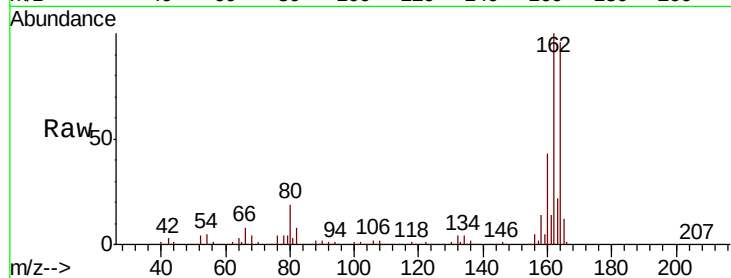
ClientSampleId :

C-1_013020MS

Tot Ion:	164	Resp:	247455
Ion Ratio	Lower	Upper	
164	100		
162	103.7	80.7	121.1
160	44.7	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.416 ng

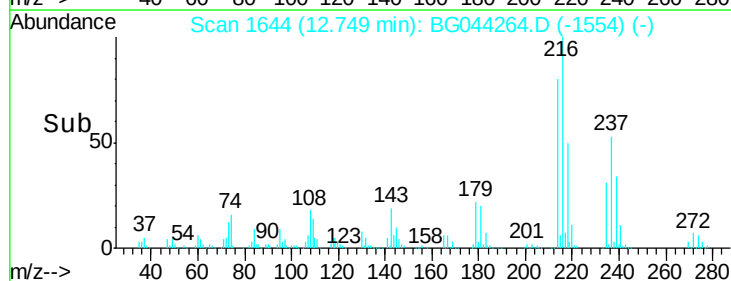
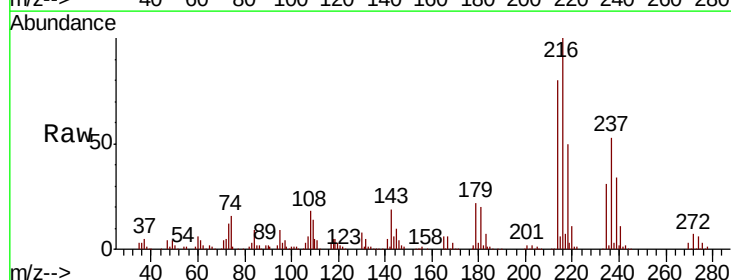
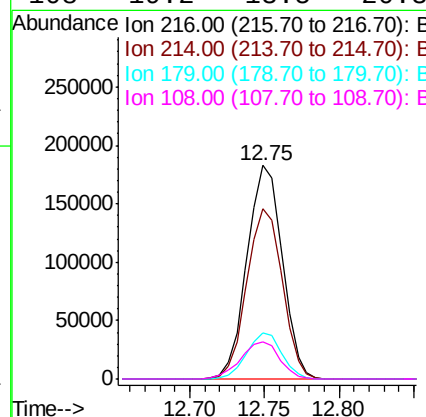
RT: 12.75 min Scan# 1644

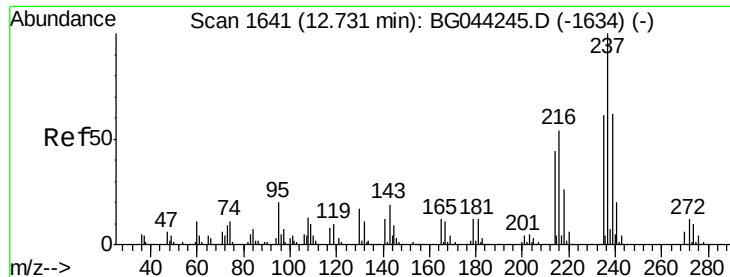
Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Tgt Ion:	216	Resp:	299167
Ion Ratio	Lower	Upper	
216	100		
214	80.2	63.0	94.6
179	21.3	16.2	24.4
108	19.2	13.5	20.3





#41

Hexachlorocyclopentadiene

Concen: 97.573 ng

RT: 12.74 min Scan# 1642

Delta R.T. 0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

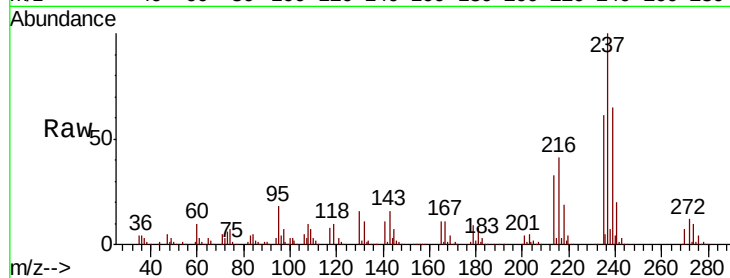
ClientSampleId :

C-1_013020MS

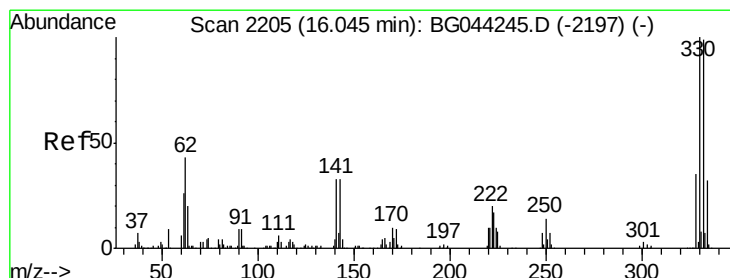
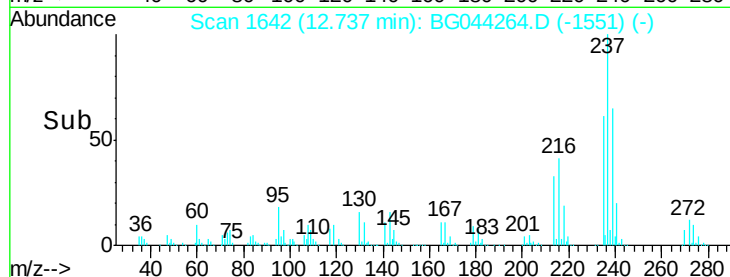
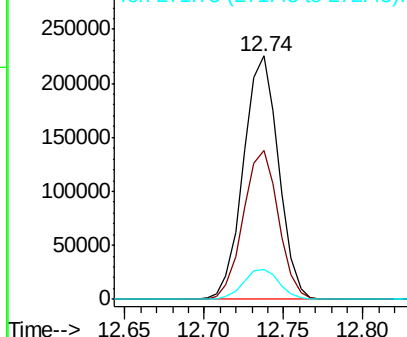
Tot Ion:	237	Resp:	346558
Ion Ratio	Lower	Upper	
237	100		
235	60.9	41.2	81.2
272	12.3	0.0	32.4

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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: 109.927 ng

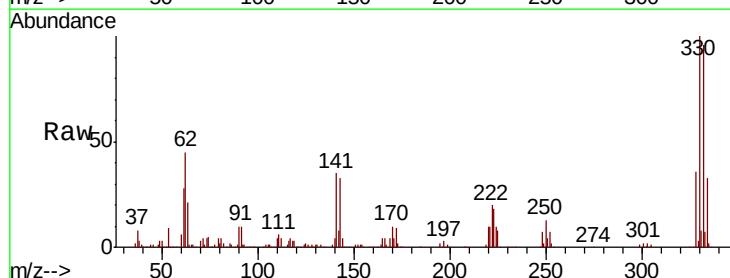
RT: 16.05 min Scan# 2205

Delta R.T. -0.00 min

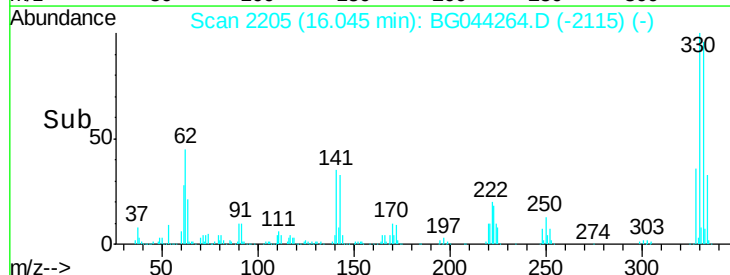
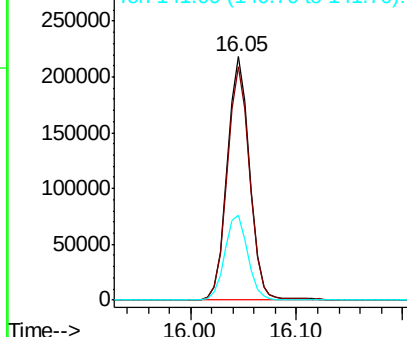
Lab File: BG044264.D

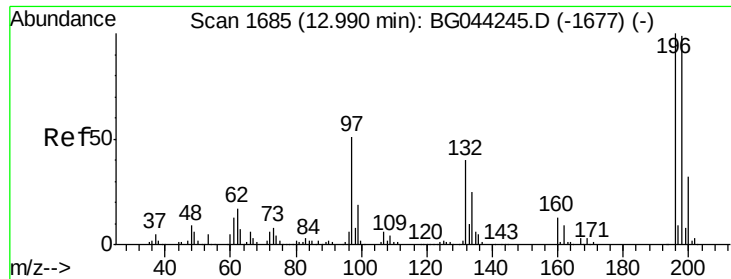
Acq: 31 Jan 2020 17:46

Tgt Ion:	330	Resp:	319337
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.2	115.8
141	36.0	28.3	42.5



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





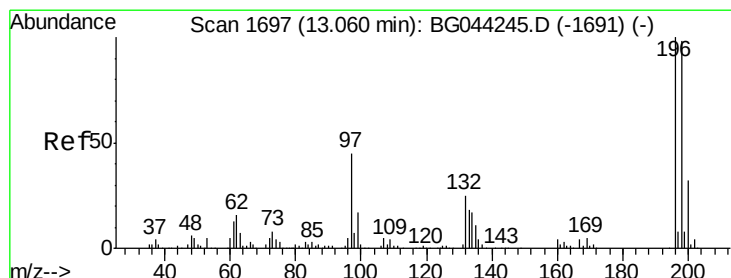
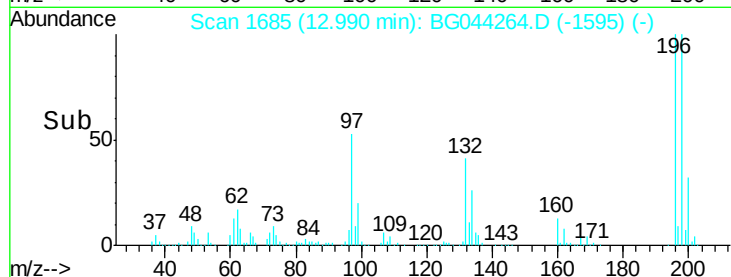
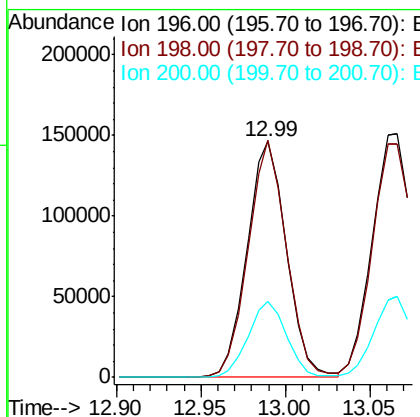
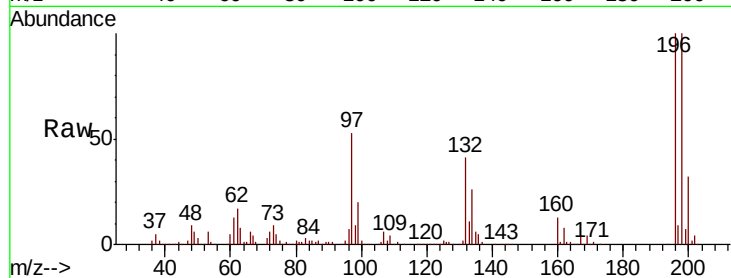
#43
 2,4,6-Trichlorophenol
 Concen: 49.473 ng
 RT: 12.99 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	236707		
198	100.3	79.3	118.9	
200	32.4	25.7	38.5	

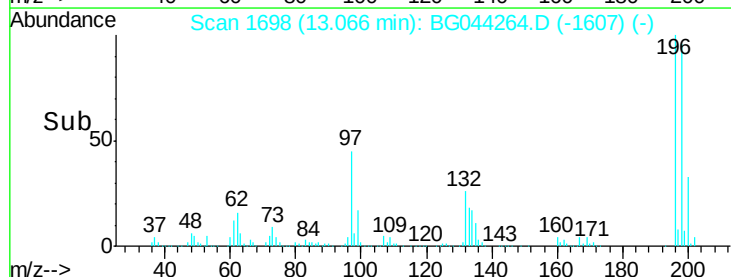
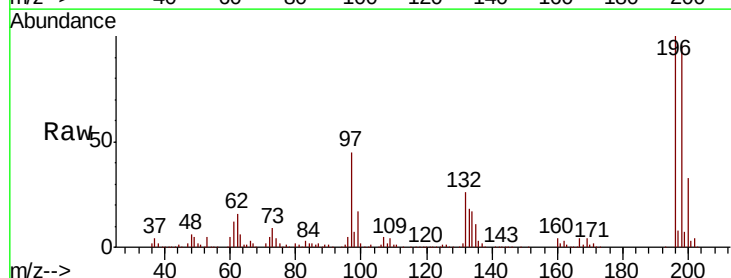
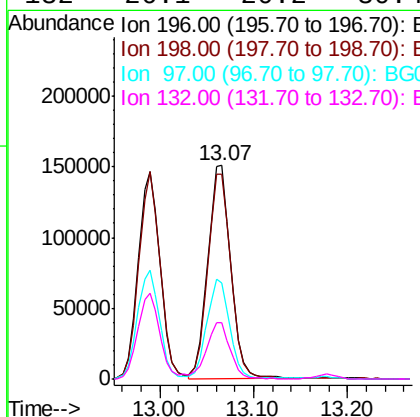
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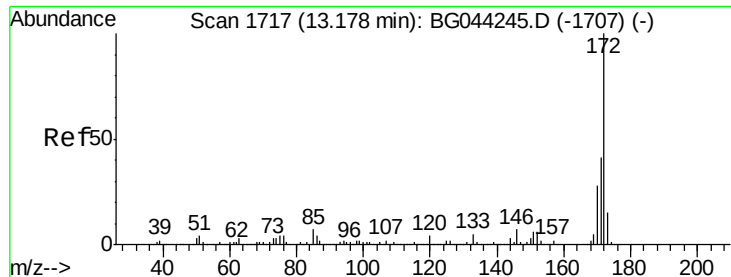
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 53.240 ng
 RT: 13.07 min Scan# 1698
 Delta R.T. 0.01 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260182		
198	95.7	78.2	117.2	
97	44.7	36.2	54.4	
132	26.1	20.2	30.4	





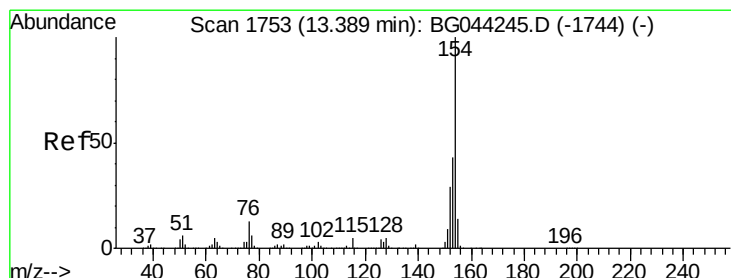
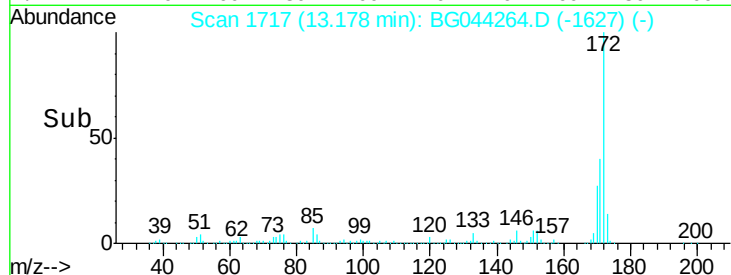
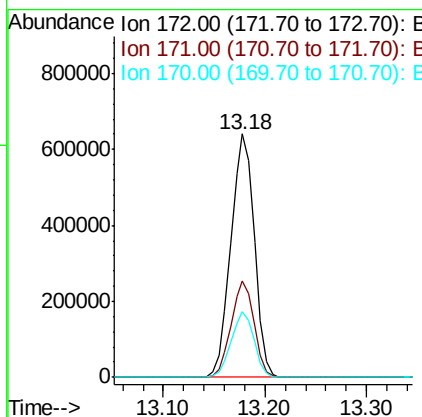
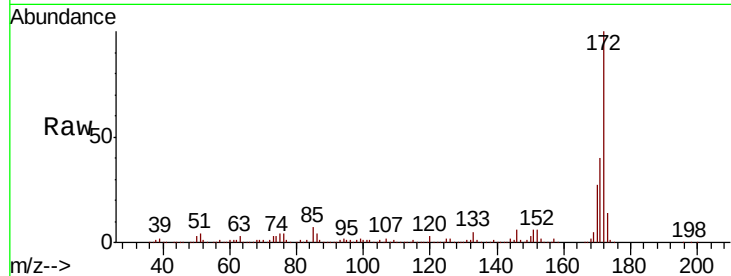
#45
2-Fluorobiphenyl
Concen: 69.387 ng
RT: 13.18 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	32.9	49.3
170	27.1	22.0	33.0

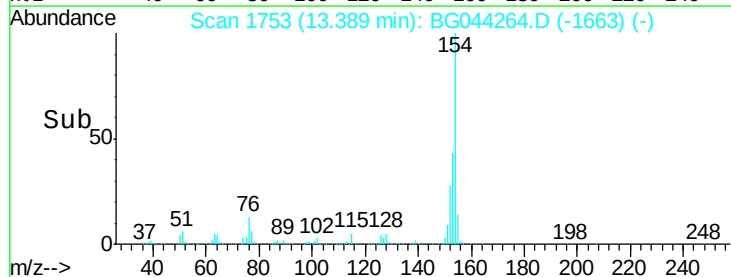
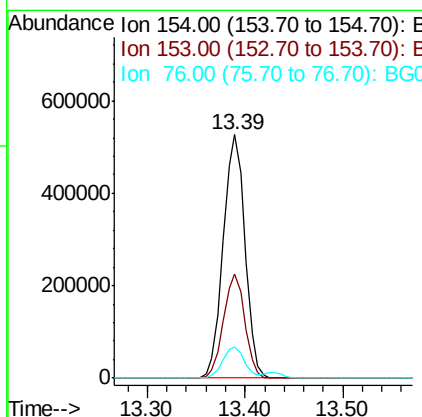
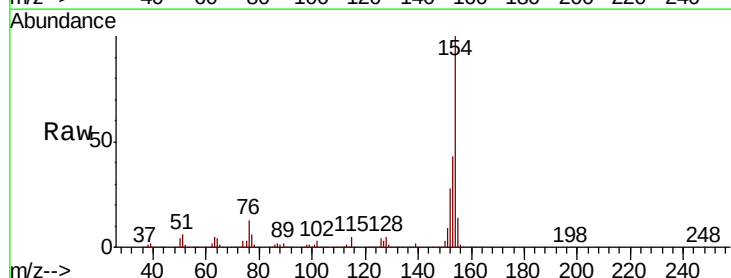
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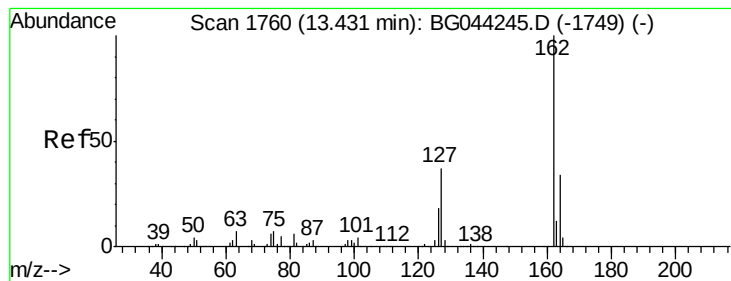
mohammad
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#46
1,1'-Biphenyl
Concen: 45.477 ng
RT: 13.39 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	22.7	62.7
76	12.8	0.0	32.9





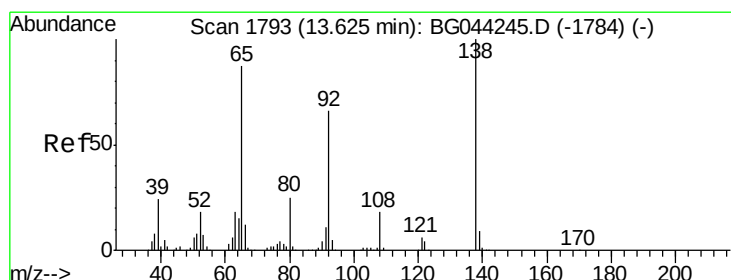
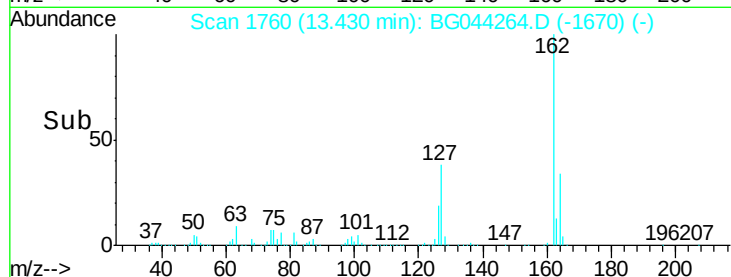
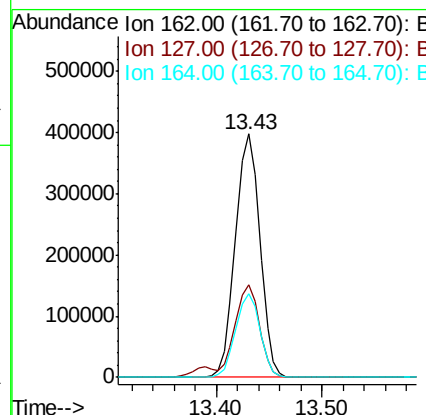
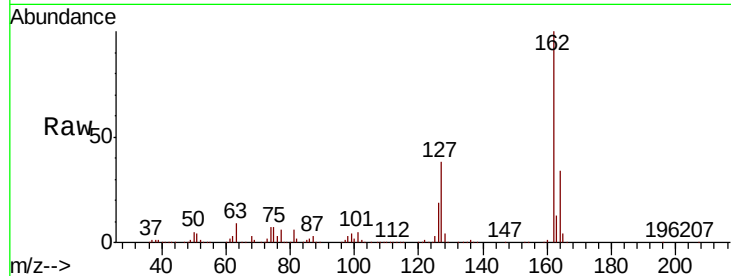
#47
2-Chloronaphthalene
Concen: 44.834 ng
RT: 13.43 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.3	30.0	45.0
164	34.5	27.2	40.8

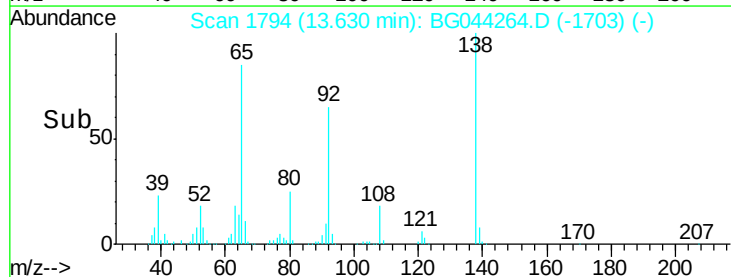
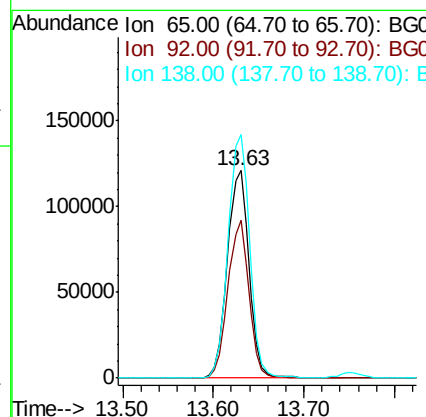
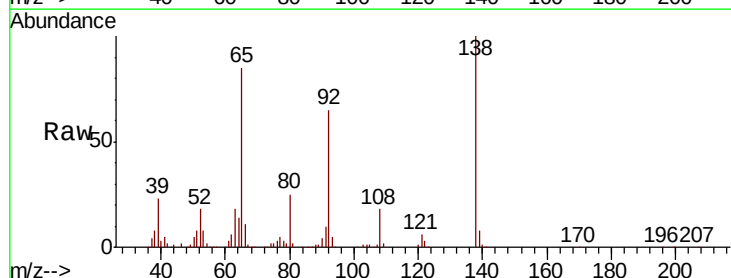
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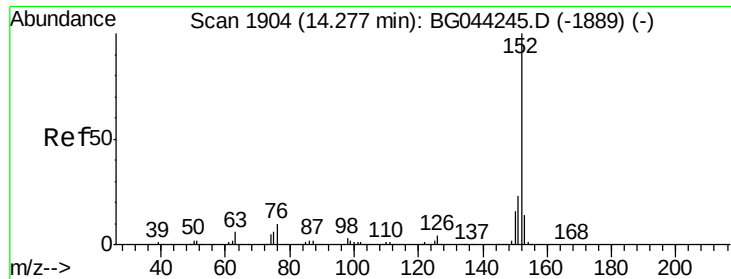
mohammad
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#48
2-Nitroaniline
Concen: 48.255 ng
RT: 13.63 min Scan# 1794
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	60.3	90.5
138	117.3	91.9	137.9





#49

Acenaphthylene

Concen: 49.885 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

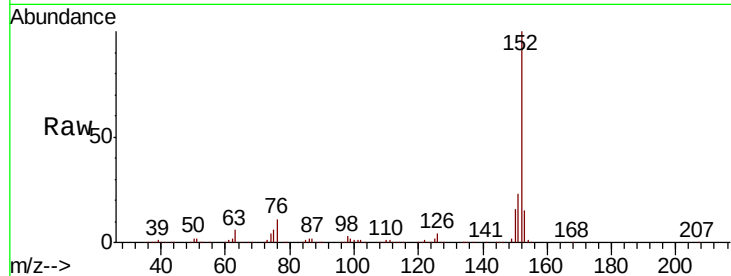
ClientSampleId :

C-1_013020MS

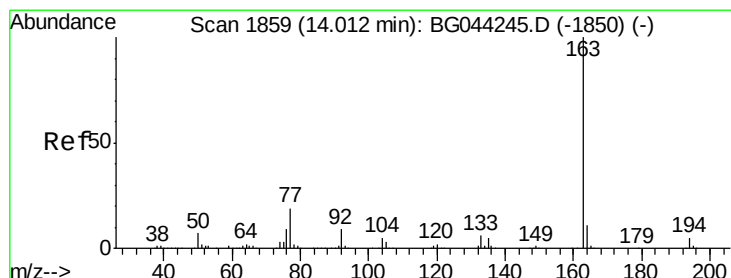
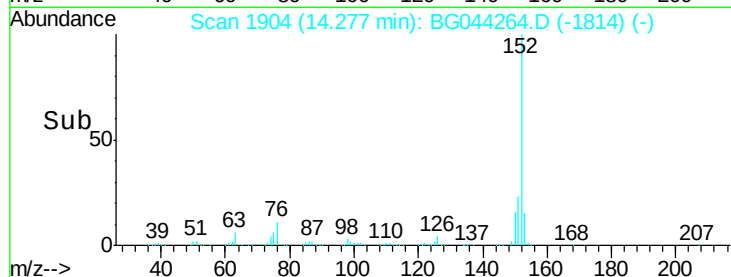
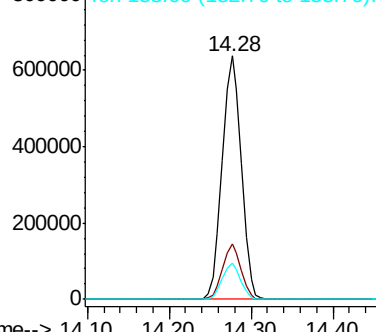
Tot Ion:	152	Resp:	1039241
Ion	Ratio	Lower	Upper
152	100		
151	23.0	18.1	27.1
153	14.7	11.5	17.3

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.260 ng

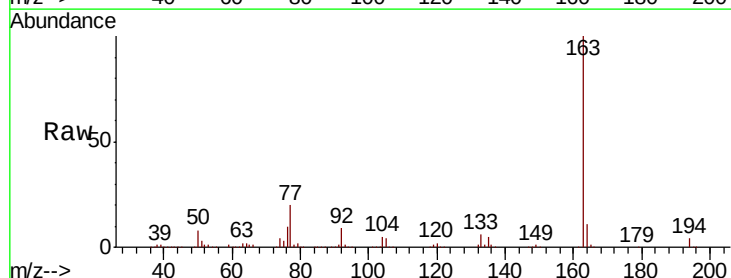
RT: 14.01 min Scan# 1859

Delta R.T. -0.00 min

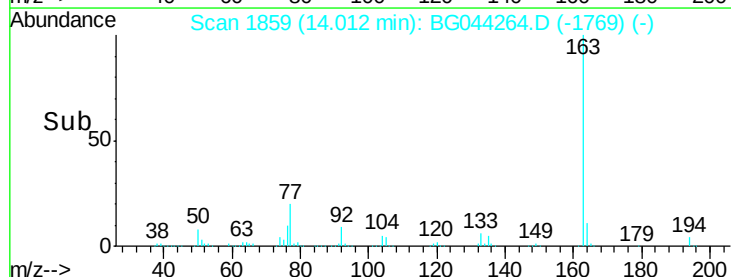
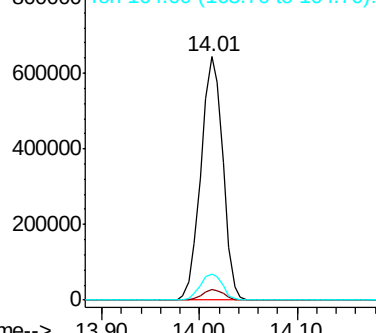
Lab File: BG044264.D

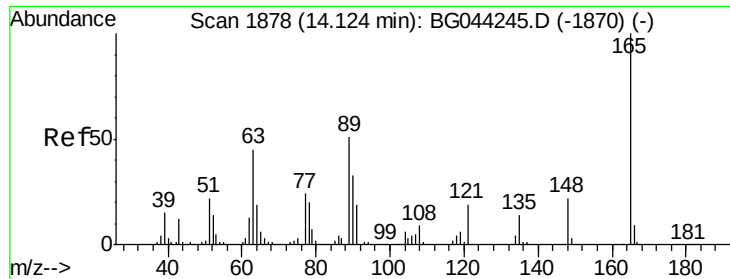
Acq: 31 Jan 2020 17:46

Tgt Ion:	163	Resp:	1000741
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.9	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





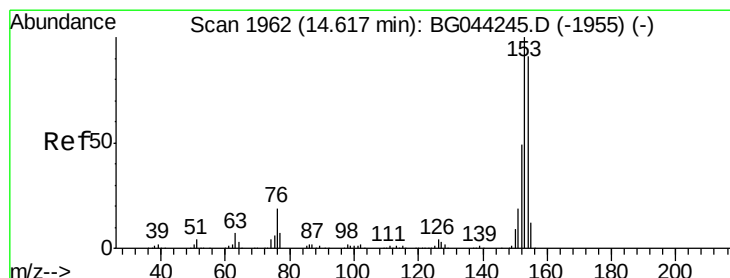
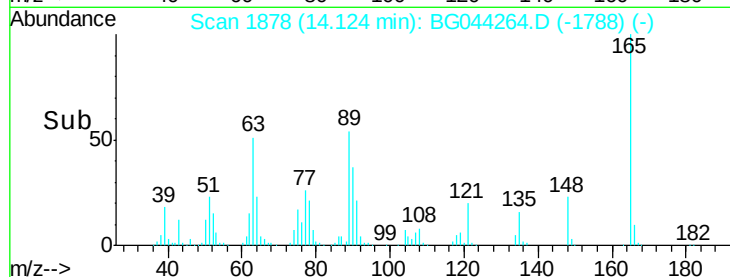
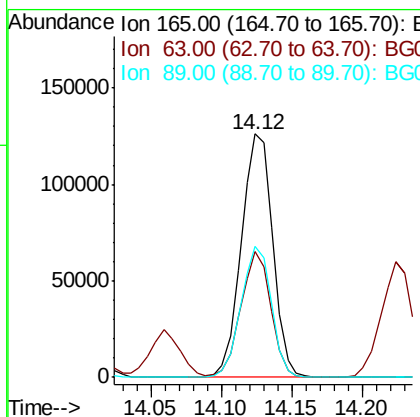
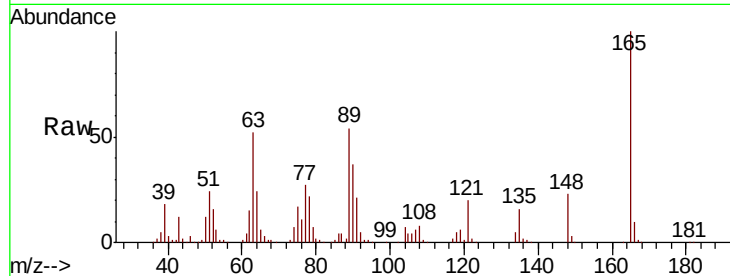
#51
 2,6-Dinitrotoluene
 Concen: 49.347 ng
 RT: 14.12 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	195715		
63	51.8	38.7	58.1	
89	53.8	40.4	60.6	

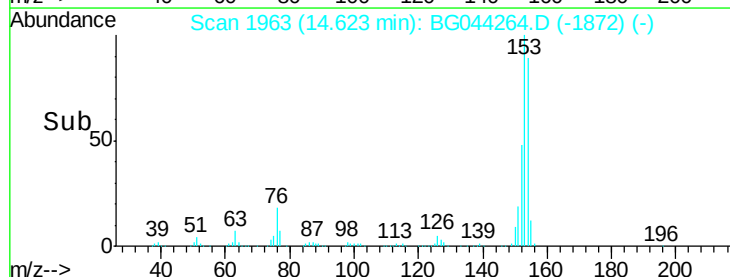
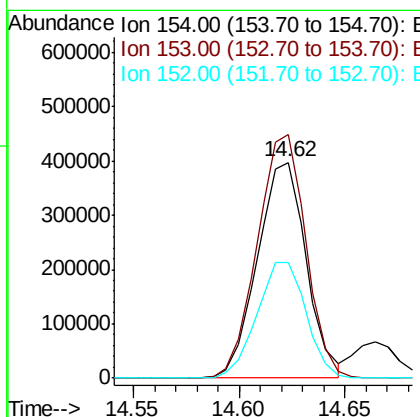
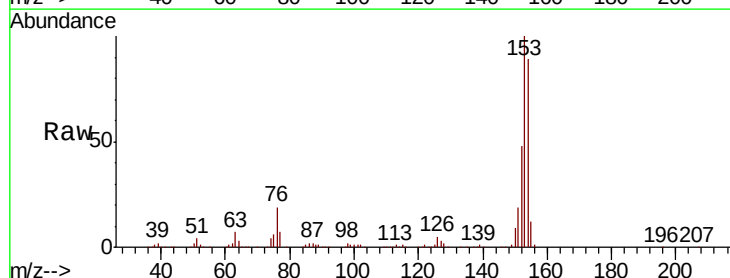
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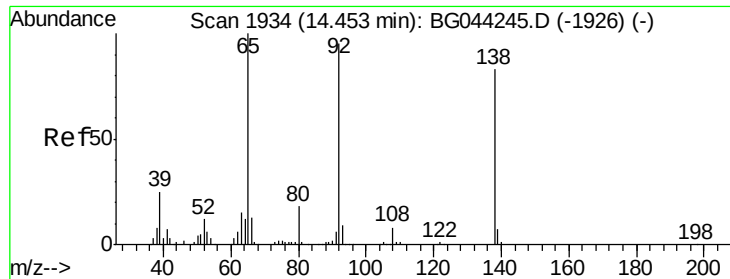
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#52
 Acenaphthene
 Concen: 47.258 ng
 RT: 14.62 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	638134		
153	112.9	87.9	131.9	
152	53.8	43.1	64.7	





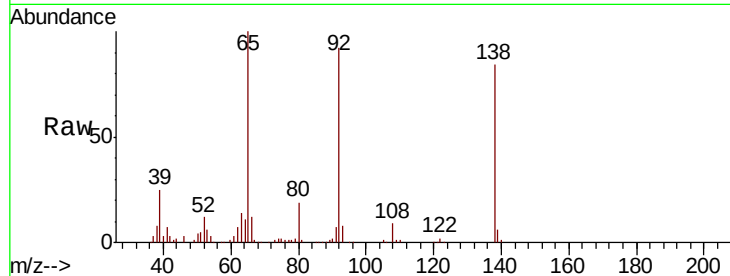
#53
 3-Nitroaniline
 Concen: 24.168 ng
 RT: 14.45 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

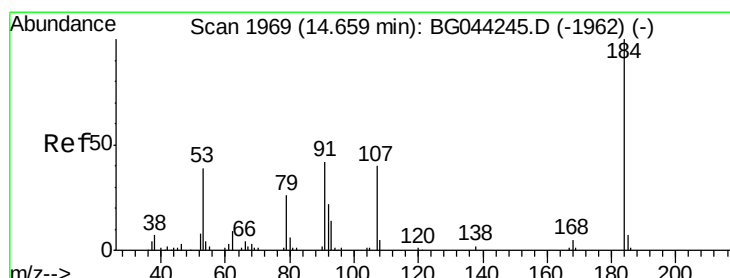
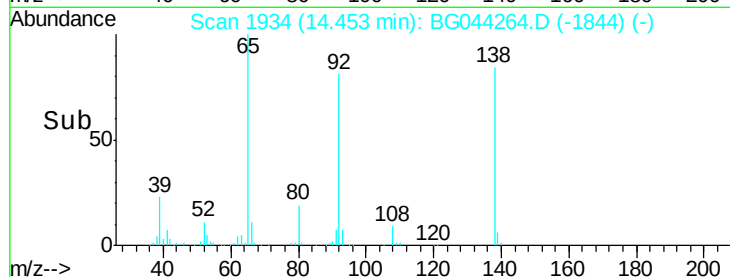
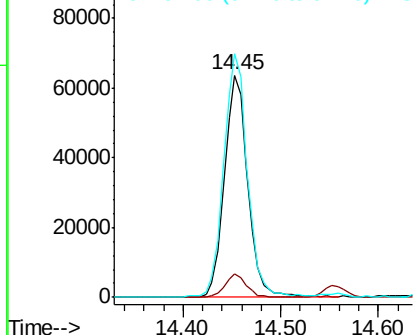
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.9	11.9
92	109.7	91.0	136.4

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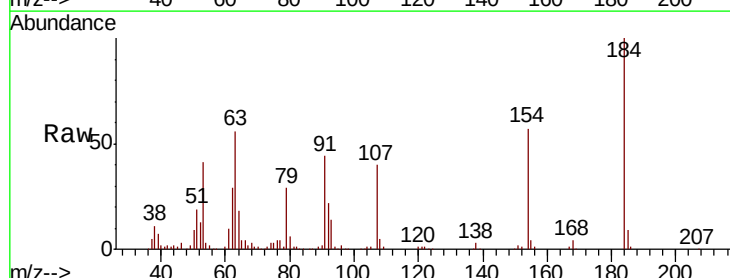


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC

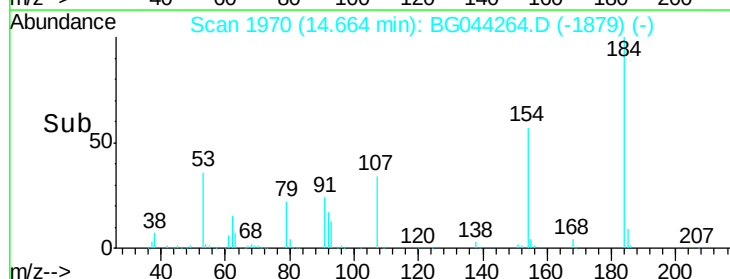
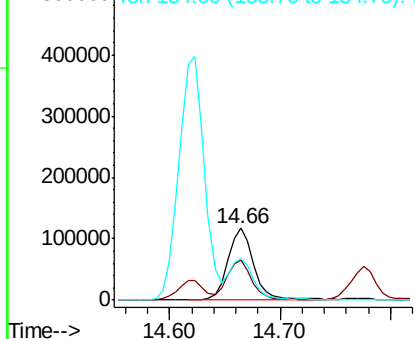


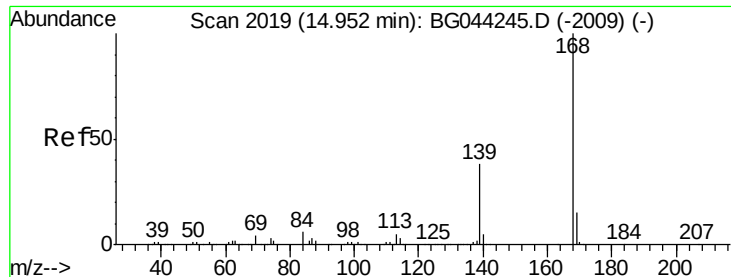
#54
 2,4-Dinitrophenol
 Concen: 82.326 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.8	44.1	66.1
154	57.4	45.4	68.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





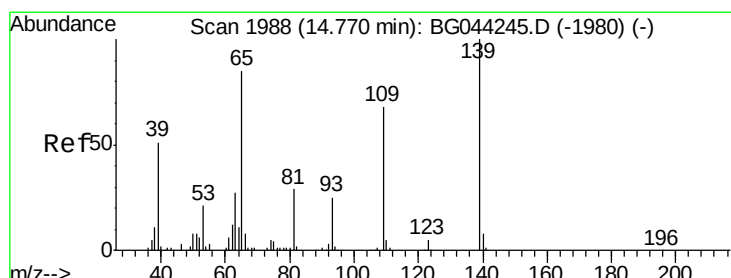
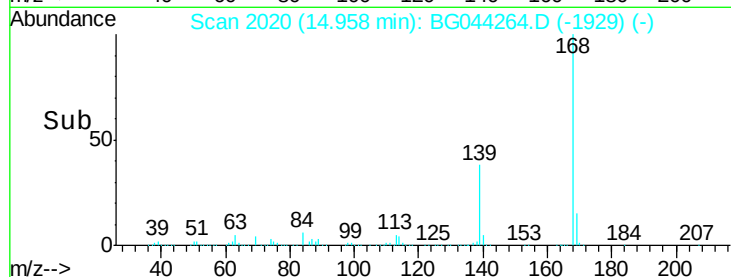
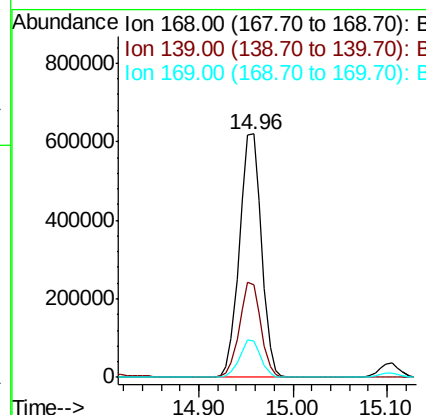
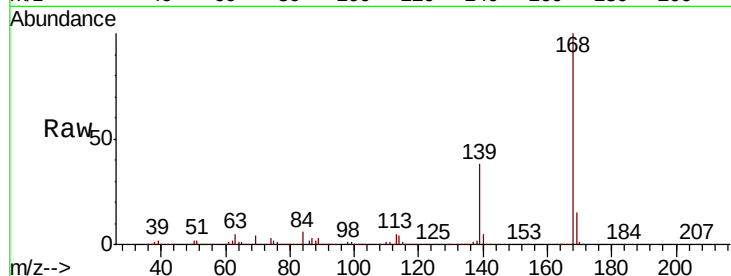
#55
Dibenzofuran
Concen: 49.242 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.5	45.7
169	14.9	11.7	17.5

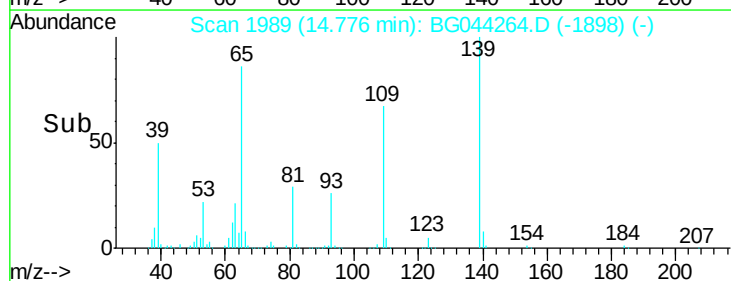
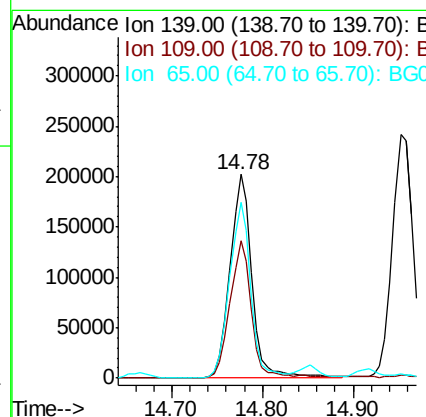
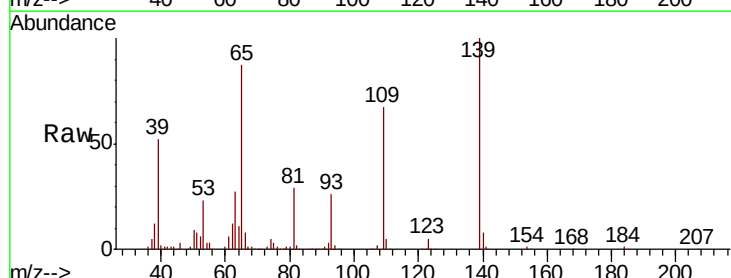
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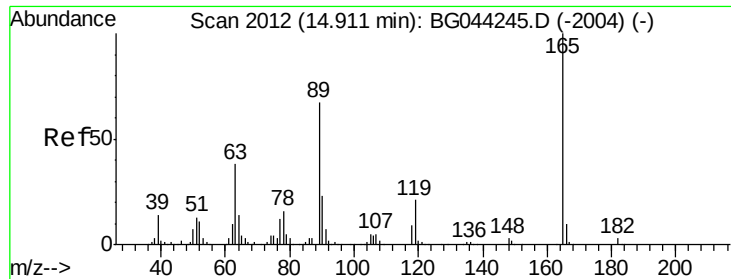
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#56
4-Nitrophenol
Concen: 105.935 ng
RT: 14.78 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	47.5	87.5
65	86.6	64.9	104.9





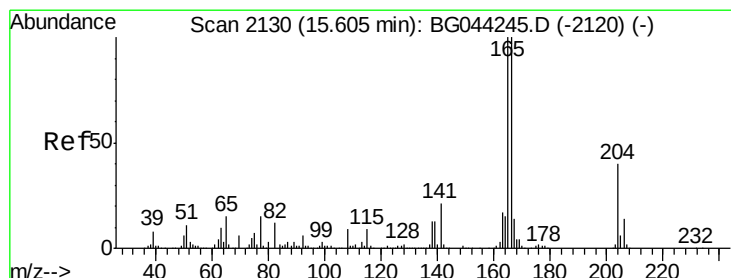
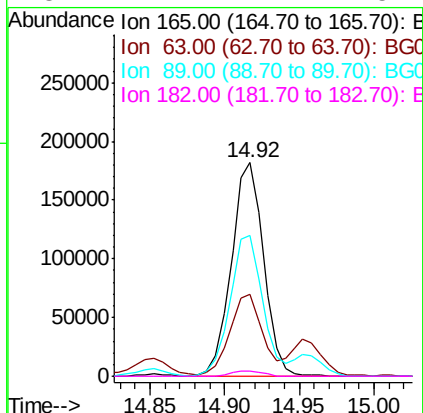
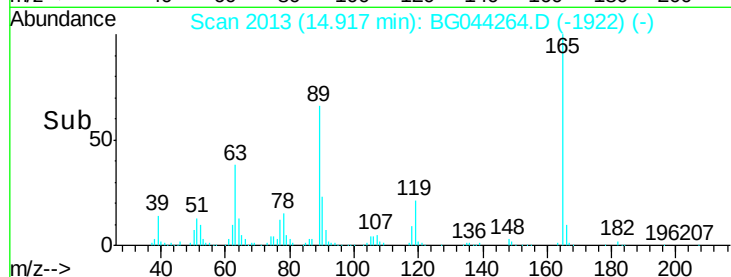
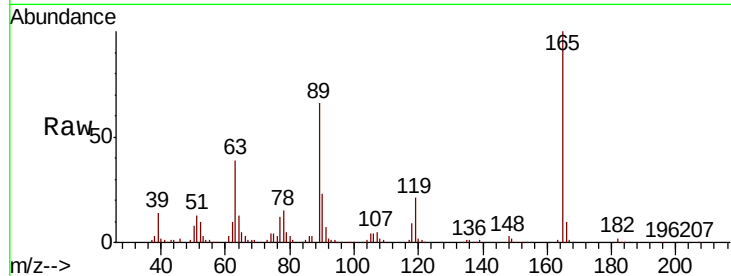
#57
2,4-Dinitrotoluene
Concen: 49.025 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		272517		
63	38.6	30.3	45.5		
89	65.8	53.4	80.2		
182	2.4	2.1	3.1		

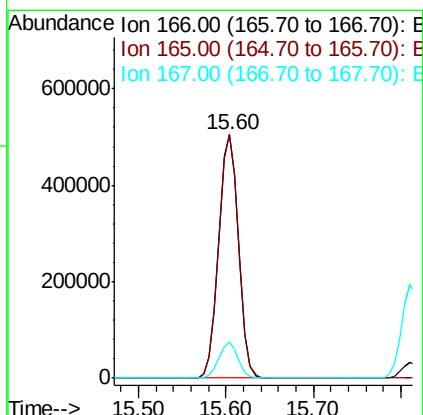
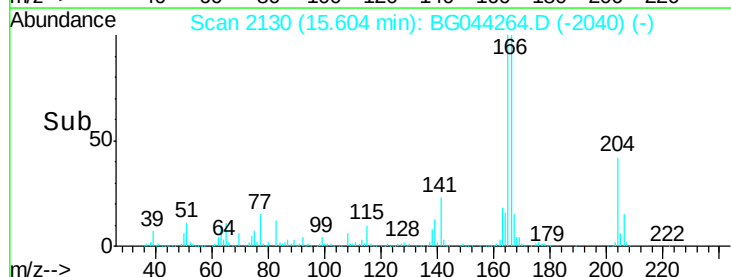
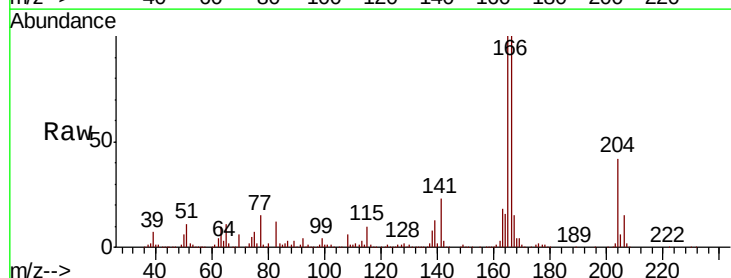
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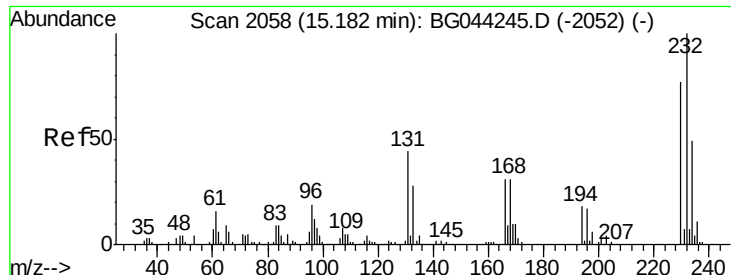
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#58
Fluorene
Concen: 49.167 ng
RT: 15.60 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		791722		
165	99.9	79.9	119.9		
167	14.9	11.4	17.0		





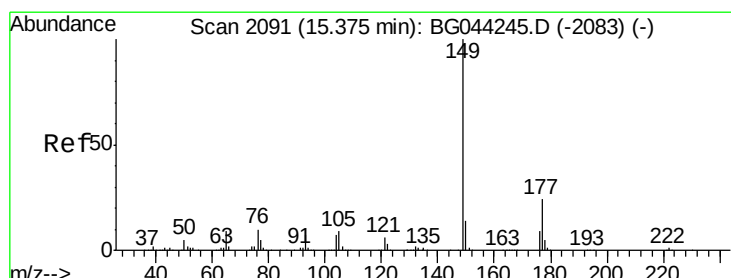
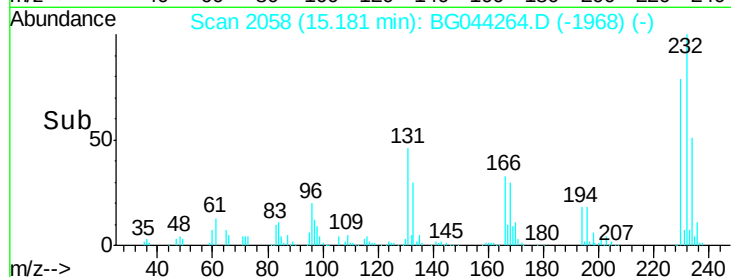
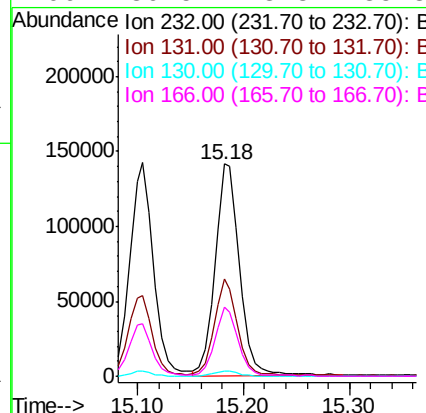
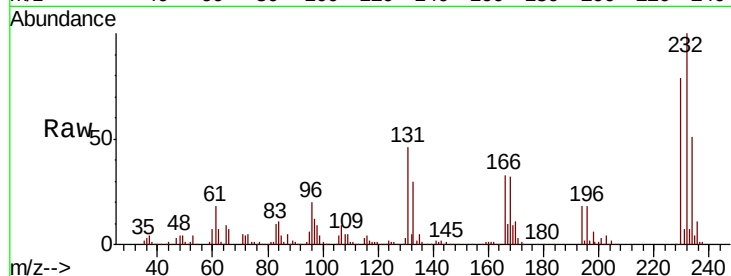
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.847 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.1	34.2	51.4
130	2.5	1.8	2.8
166	30.5	23.8	35.8

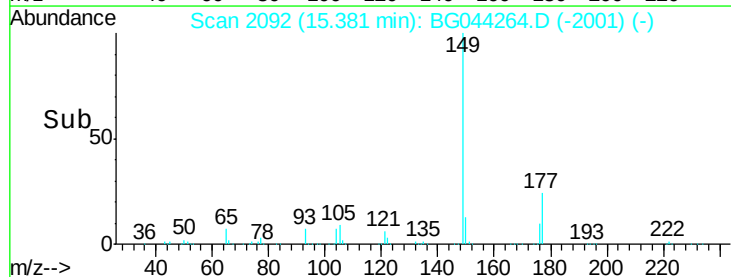
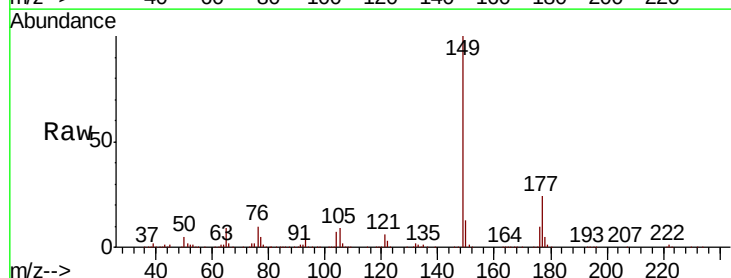
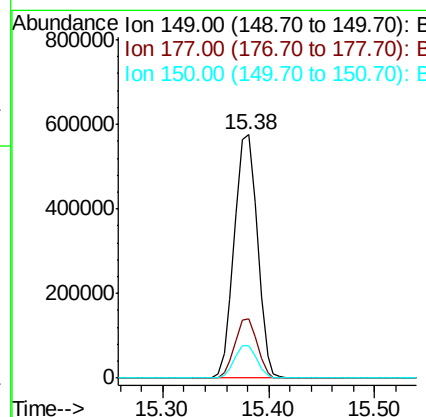
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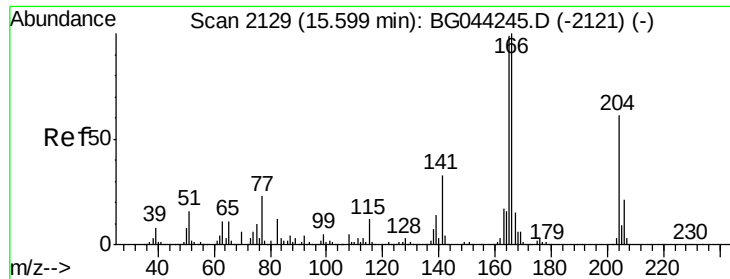
mohammad
 2/3/2020 4:10:49 PM



#60
 Diethylphthalate
 Concen: 49.004 ng
 RT: 15.38 min Scan# 2092
 Delta R.T. 0.01 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.3	10.9	16.3





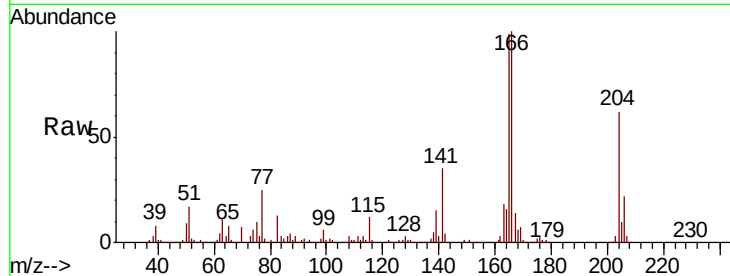
#61
4-Chlorophenyl-phenylether
Concen: 47.445 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

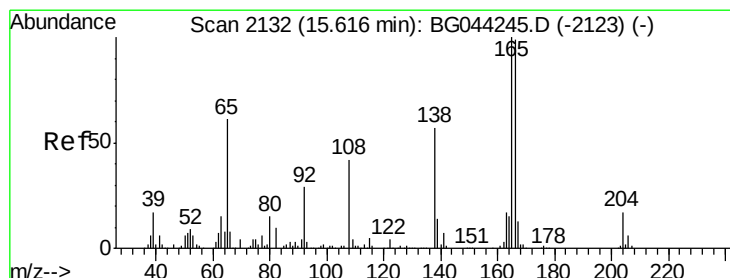
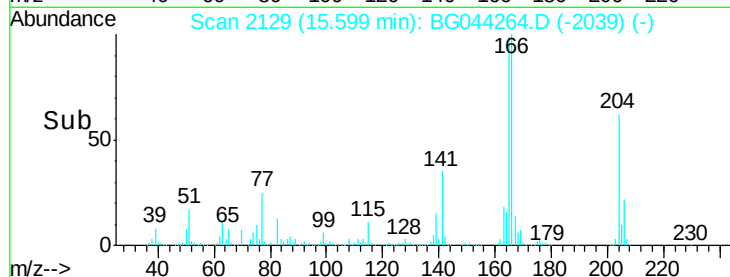
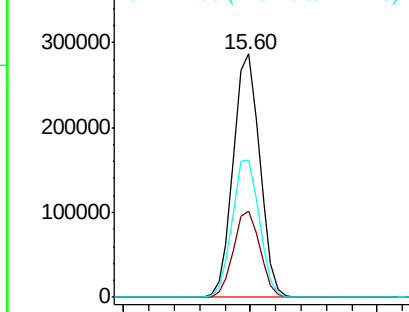
Tot Ion	Ratio	Resp	Lower	Upper
204	100	414238		
206	35.6	27.6	41.4	
141	56.2	43.4	65.0	

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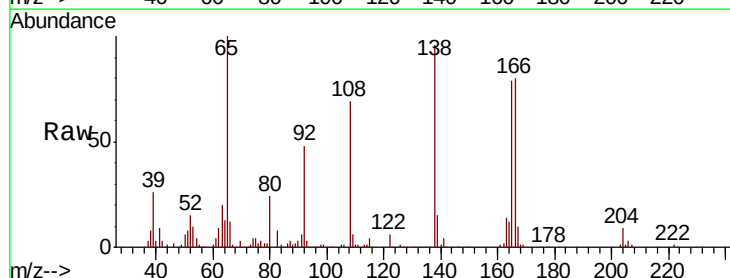


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

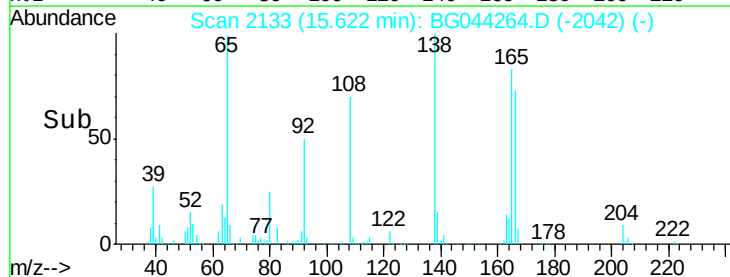
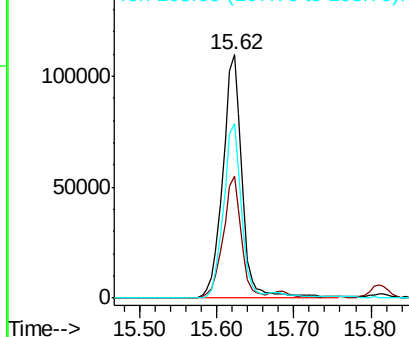


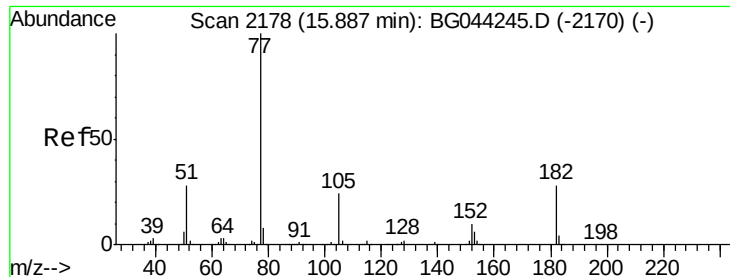
#62
4-Nitroaniline
Concen: 43.905 ng
RT: 15.62 min Scan# 2133
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	192503		
92	50.4	31.3	71.3	
108	71.7	52.6	92.6	



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





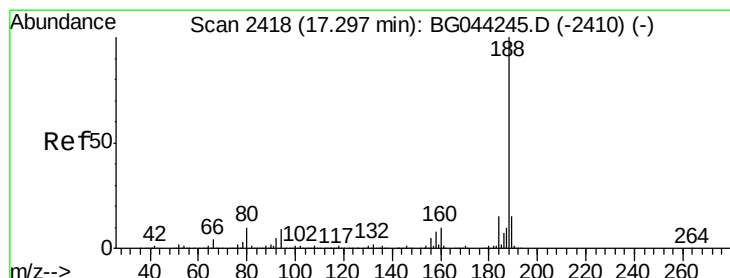
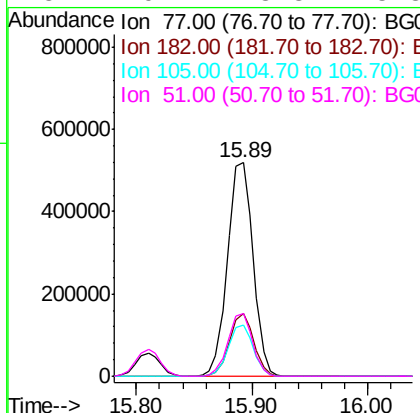
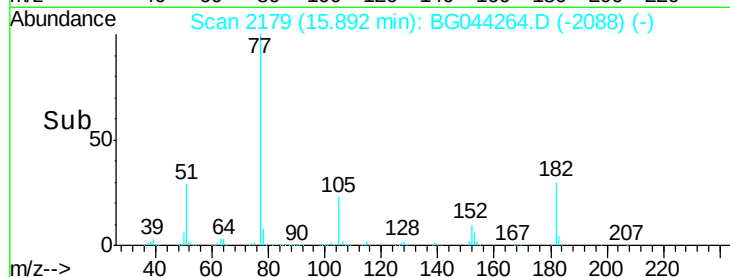
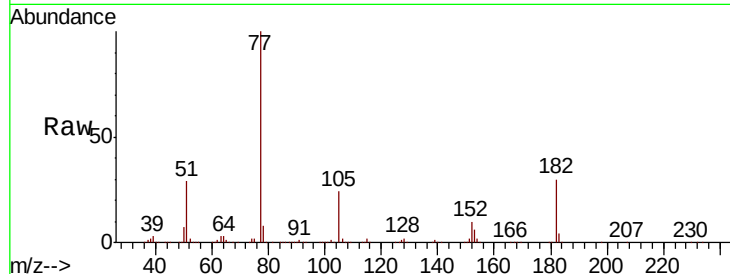
#63
Azobenzene
Concen: 51.120 ng
RT: 15.89 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		794096		
182	29.7	8.2	48.2		
105	24.3	3.6	43.6		
51	29.4	8.3	48.3		

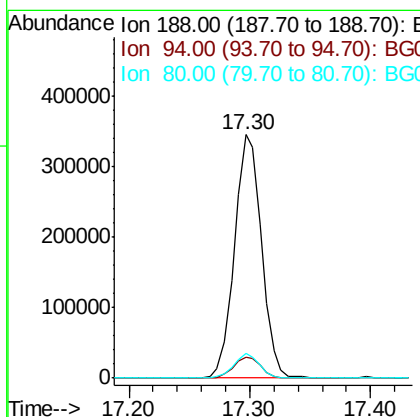
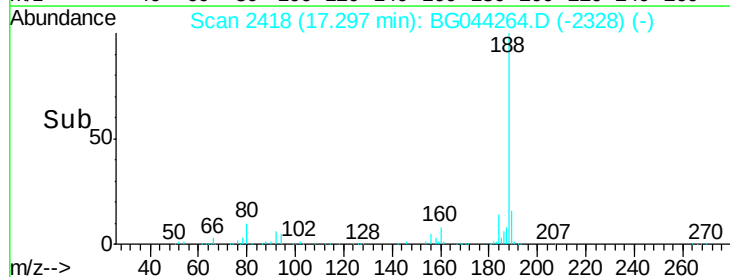
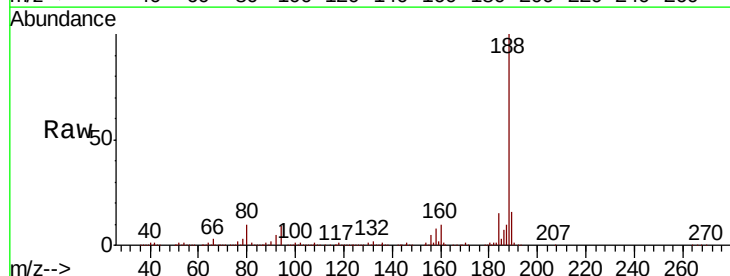
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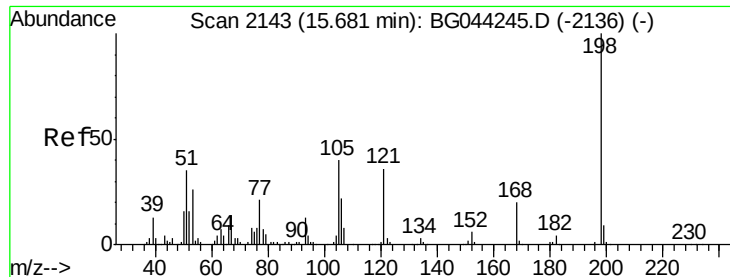
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.30 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		535554		
94	8.5	7.4	11.2		
80	10.3	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 52.633 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

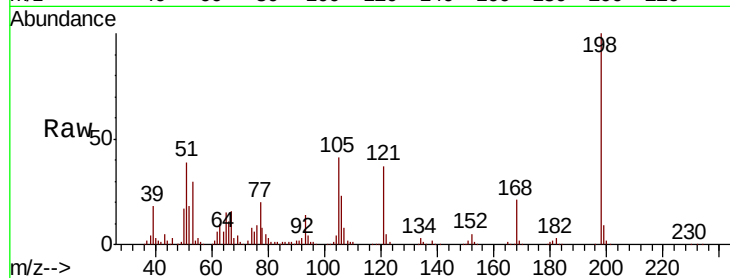
ClientSampleId :

C-1_013020MS

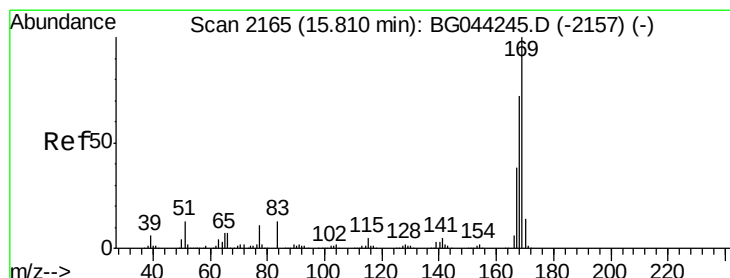
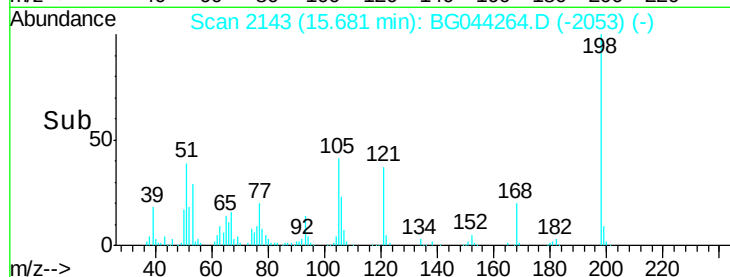
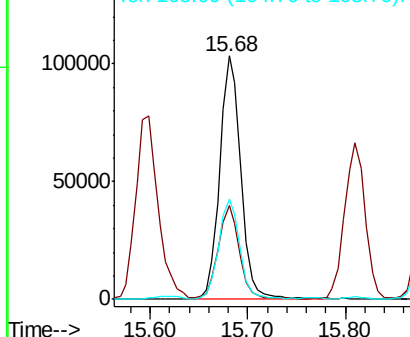
Tot Ion:	198	Resp:	155595
Ion Ratio	Lower	Upper	
198	100		
51	38.7	16.6	56.6
105	41.0	20.6	60.6

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



#66

n-Nitrosodiphenylamine

Concen: 50.064 ng

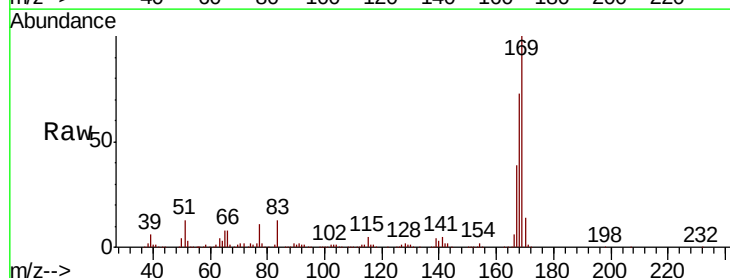
RT: 15.81 min Scan# 2165

Delta R.T. -0.00 min

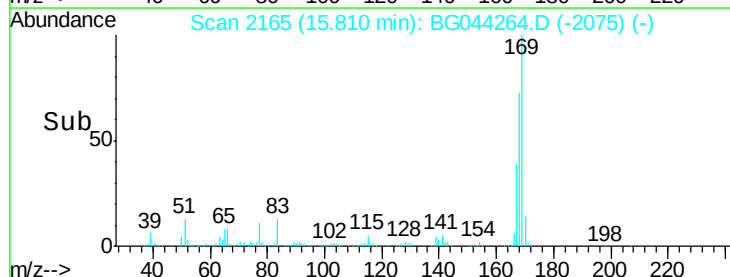
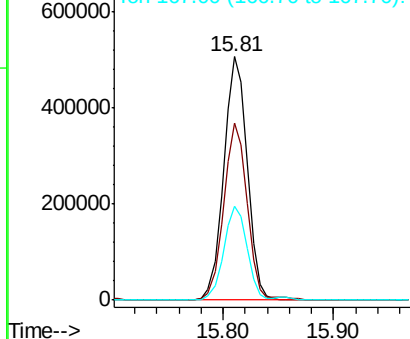
Lab File: BG044264.D

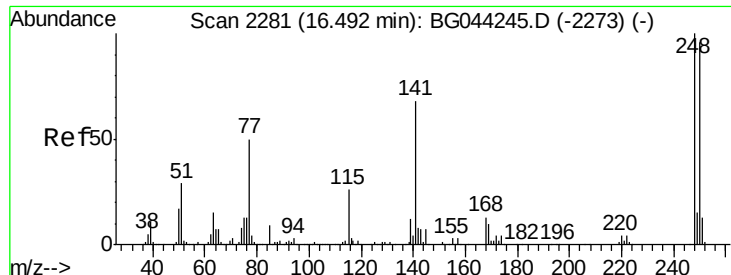
Acq: 31 Jan 2020 17:46

Tgt Ion:	169	Resp:	751388
Ion Ratio	Lower	Upper	
169	100		
168	72.8	57.9	86.9
167	38.6	30.7	46.1



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





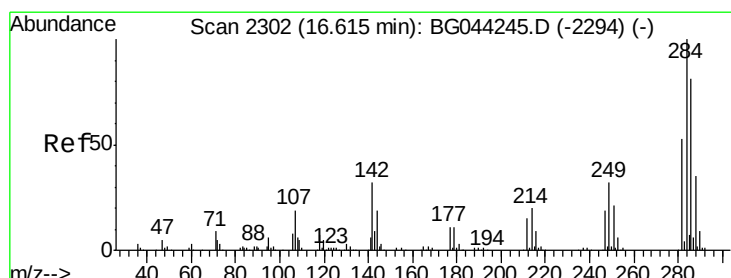
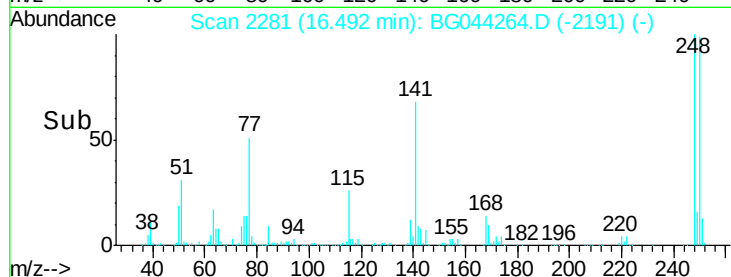
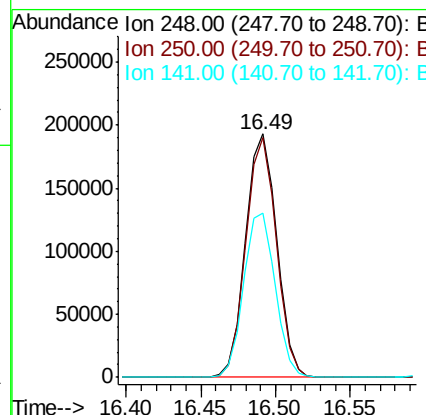
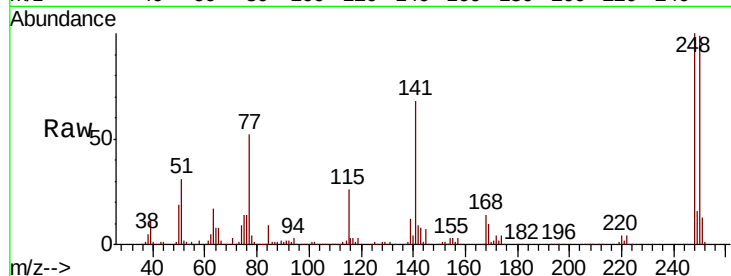
#67
4-Bromophenyl-phenylether
Concen: 47.697 ng
RT: 16.49 min Scan# 2281
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	76.6	114.8
141	67.7	54.7	82.1

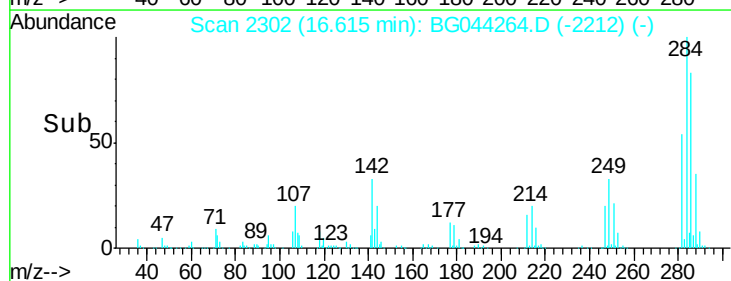
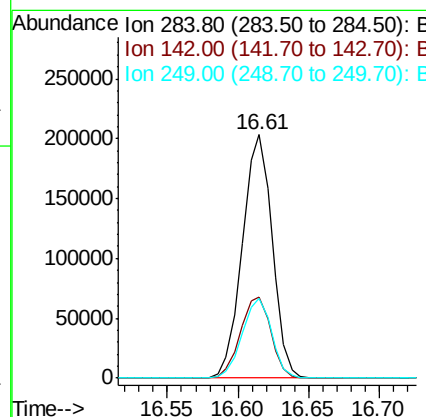
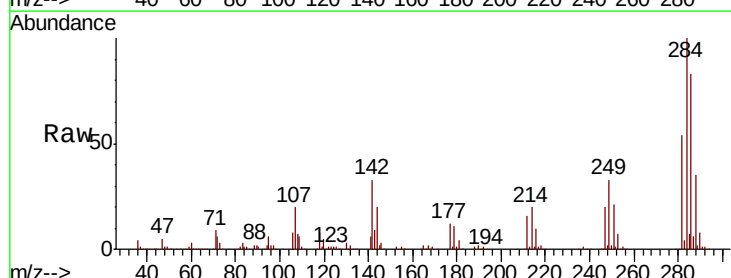
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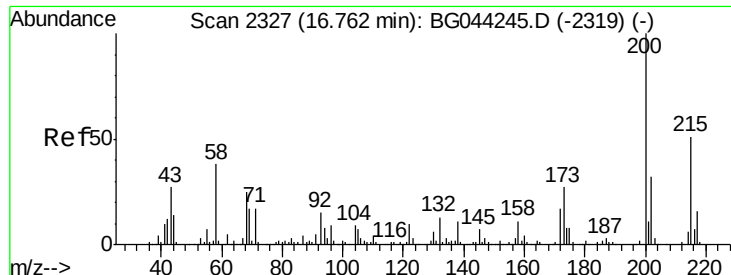
mohammad
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#68
Hexachlorobenzene
Concen: 45.872 ng
RT: 16.61 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	25.3	37.9
249	32.7	25.5	38.3





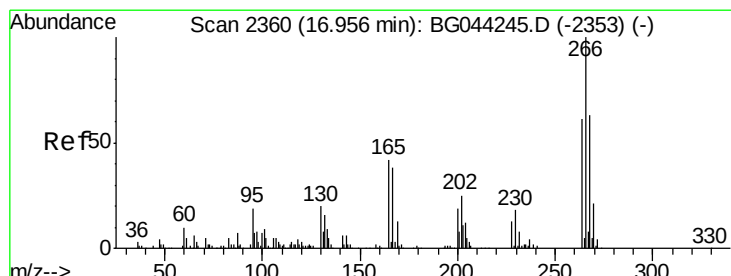
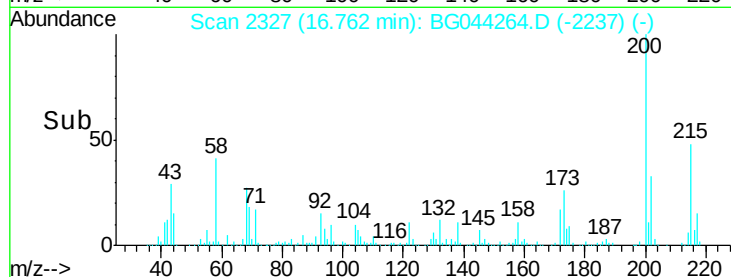
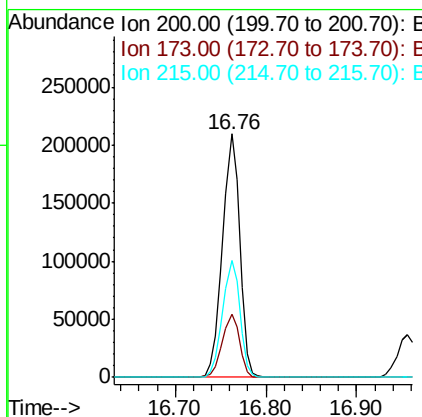
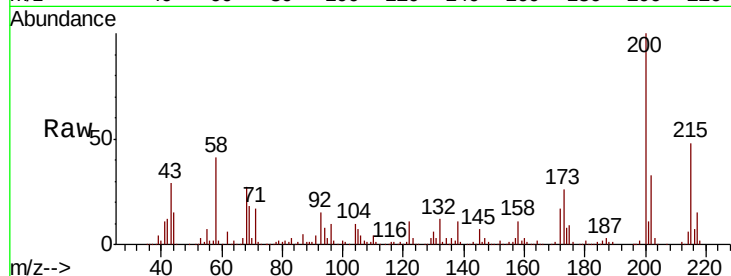
#69
Atrazine
Concen: 53.706 ng
RT: 16.76 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.0	6.6	46.6
215	47.9	31.0	71.0

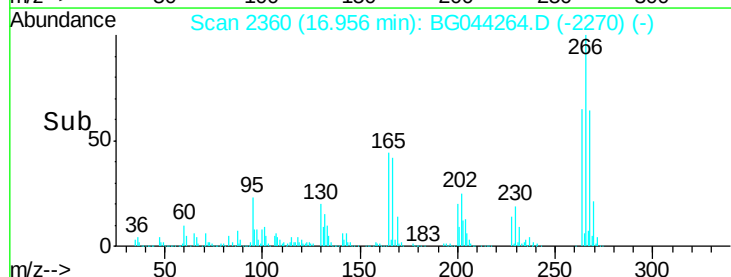
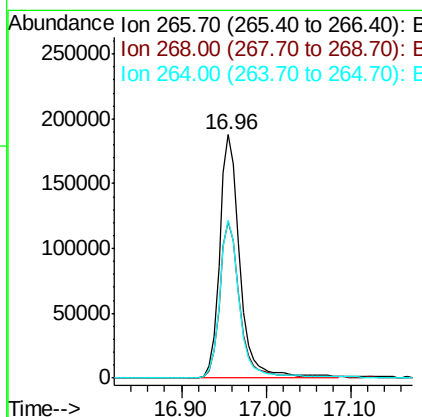
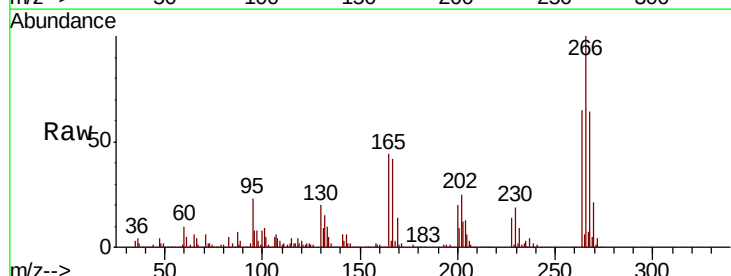
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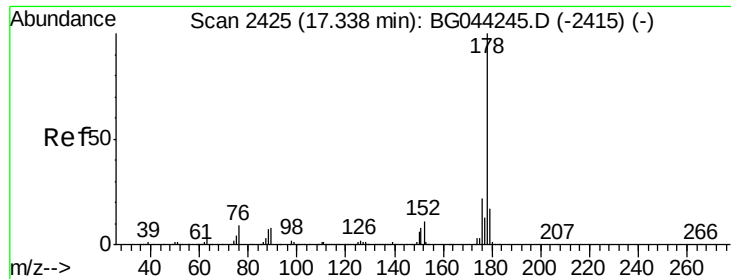
mohammad
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#70
Pentachlorophenol
Concen: 94.667 ng
RT: 16.96 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.3	50.6	75.8
264	64.6	48.7	73.1





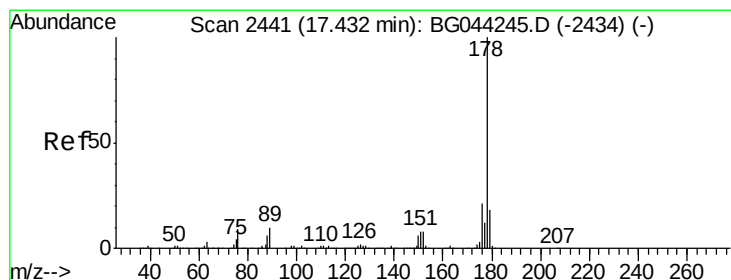
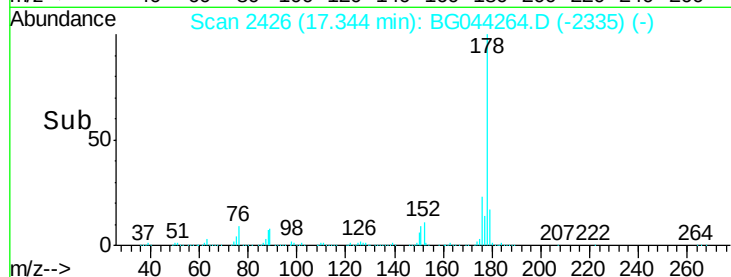
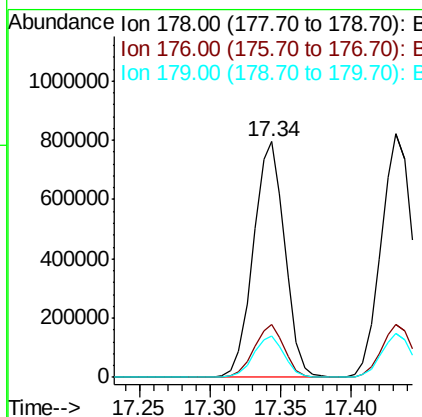
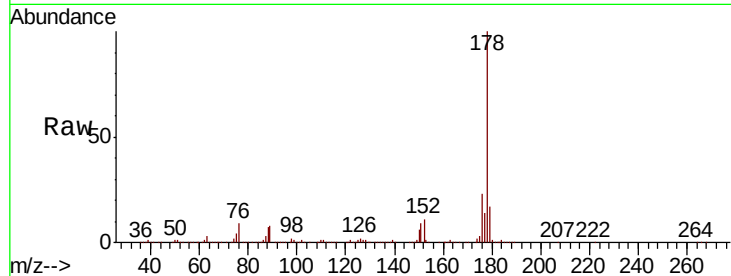
#71
Phenanthrene
Concen: 47.909 ng
RT: 17.34 min Scan# 2426
Delta R.T. 0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion:178 Resp: 1242435
Ion Ratio Lower Upper
178 100
176 22.5 17.7 26.5
179 17.5 13.7 20.5

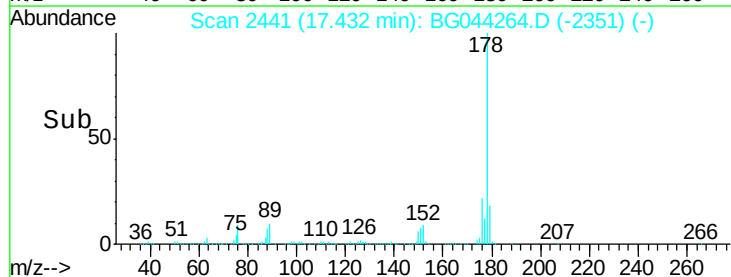
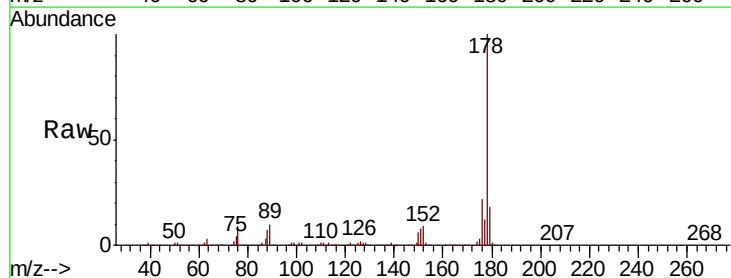
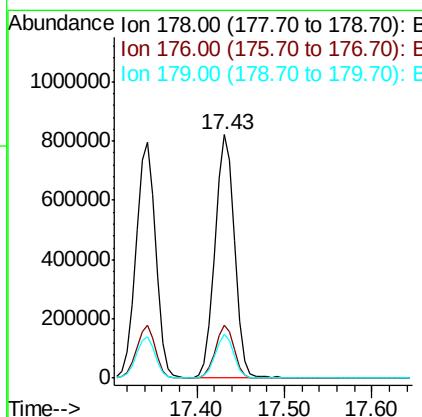
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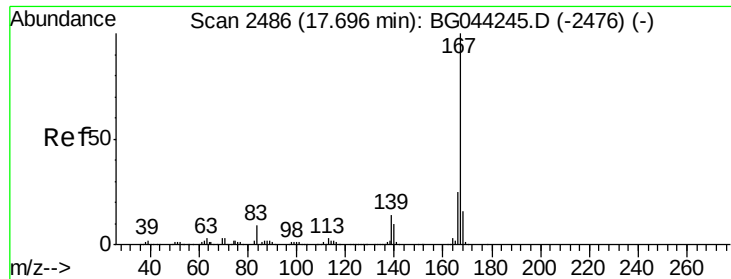
mohammad
2/3/2020 4:10:49 PM



#72
Anthracene
Concen: 49.917 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion:178 Resp: 1279846
Ion Ratio Lower Upper
178 100
176 21.6 17.0 25.4
179 17.9 14.4 21.6





#73

Carbazole

Concen: 47.658 ng

RT: 17.70 min Scan# 2487

Delta R.T. 0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

ClientSampleId :

C-1_013020MS

Tot Ion:167 Resp: 1126456

Ion Ratio Lower Upper

167 100

166 25.6 19.8 29.6

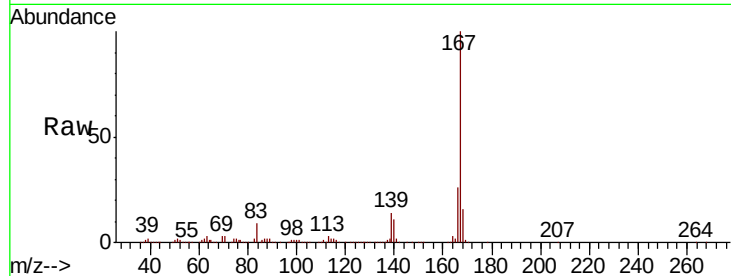
139 14.1 11.1 16.7

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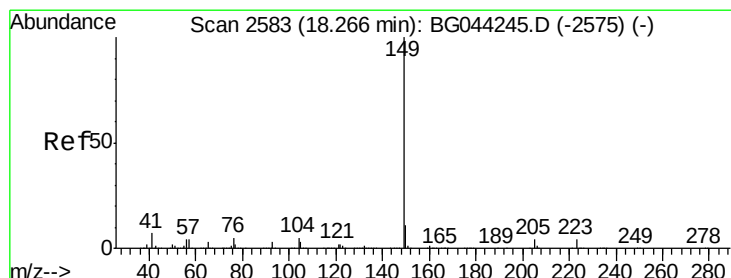
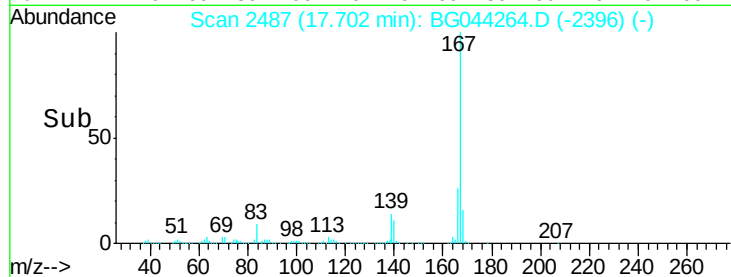
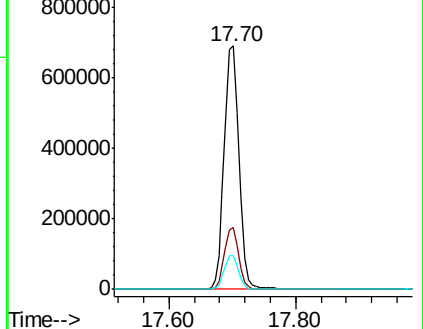
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.504 ng

RT: 18.27 min Scan# 2583

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

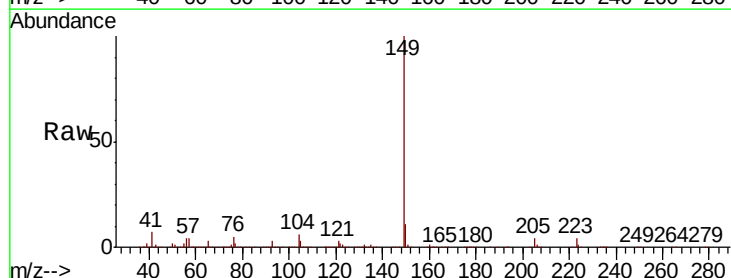
Tgt Ion:149 Resp: 1387553

Ion Ratio Lower Upper

149 100

150 10.9 8.7 13.1

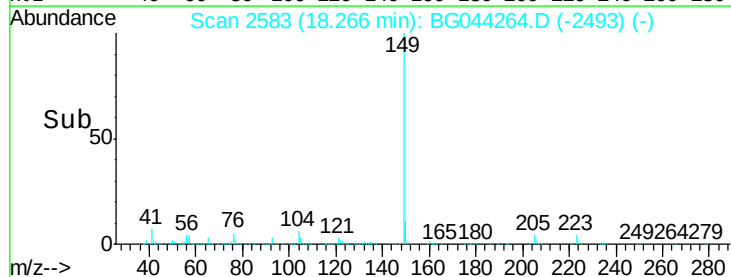
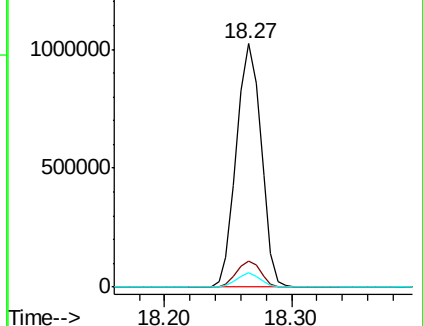
104 5.7 4.3 6.5

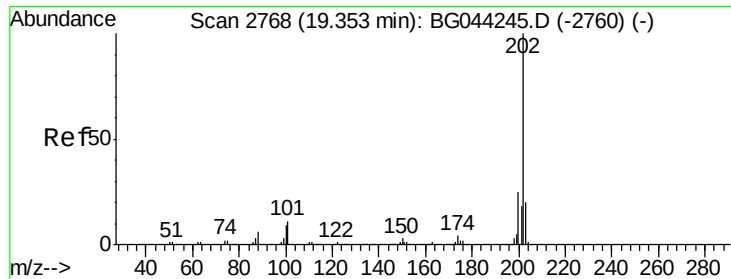


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.614 ng

RT: 19.35 min Scan# 2768

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

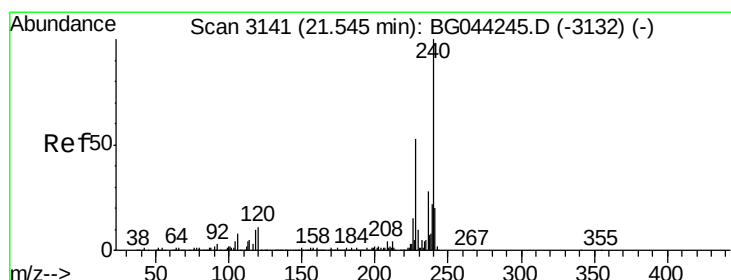
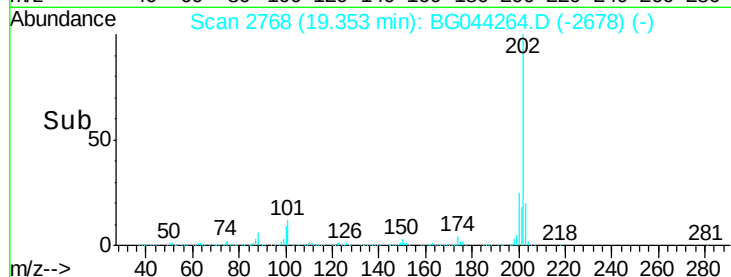
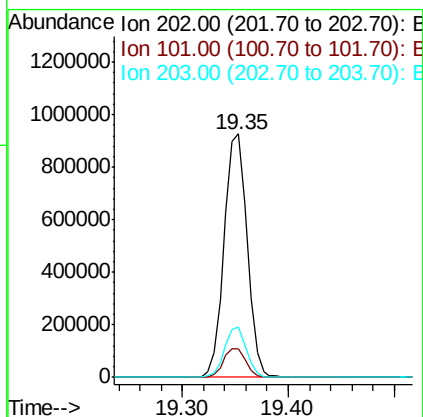
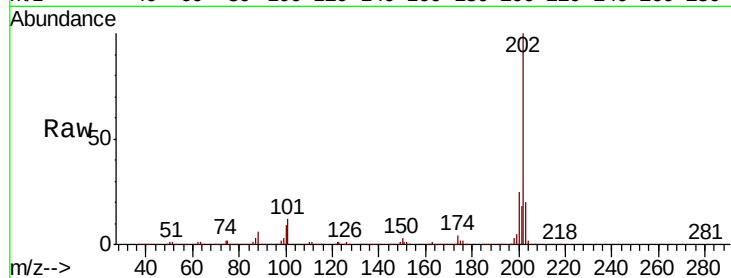
ClientSampleId :

C-1_013020MS

Tot Ion:	202	Resp:	1398420
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.3
203	20.5	0.0	39.9

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#76

Chrysene-d12

Concen: 20.000 ng

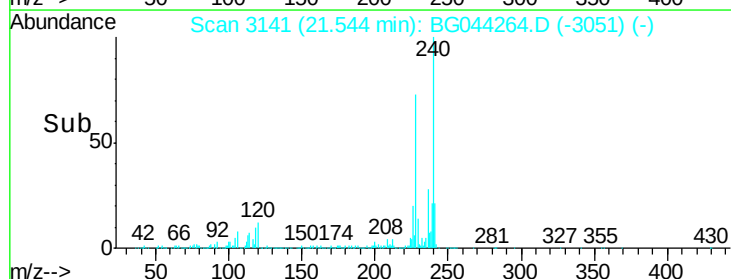
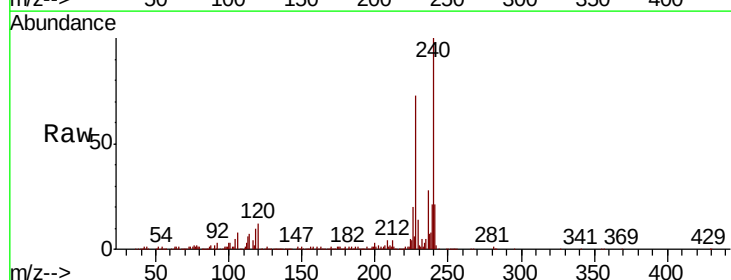
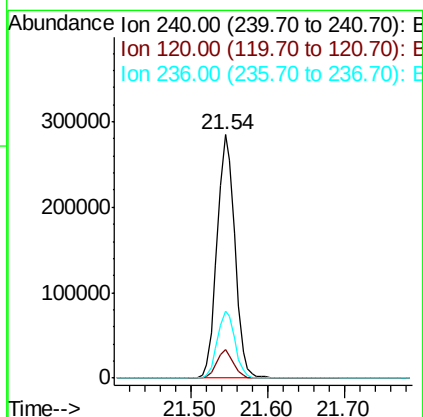
RT: 21.54 min Scan# 3141

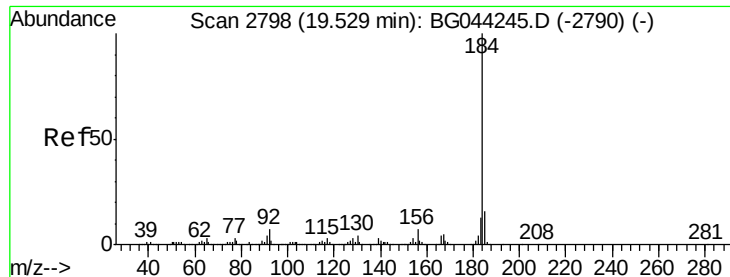
Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Tgt Ion:	240	Resp:	452131
Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.4	12.6
236	27.6	22.1	33.1





#77

Benzidine

Concen: 34.004 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

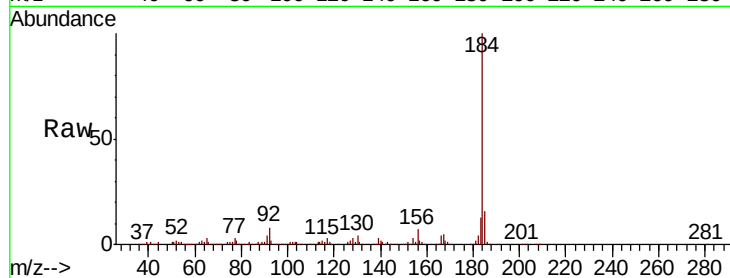
ClientSampleId :

C-1_013020MS

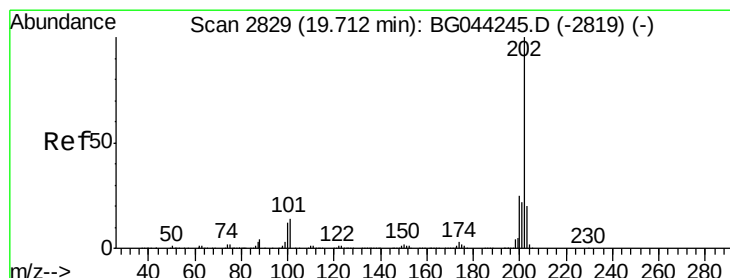
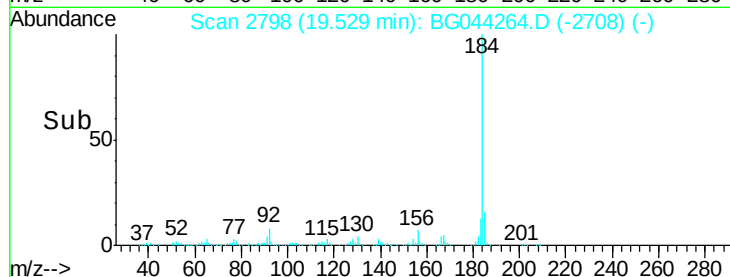
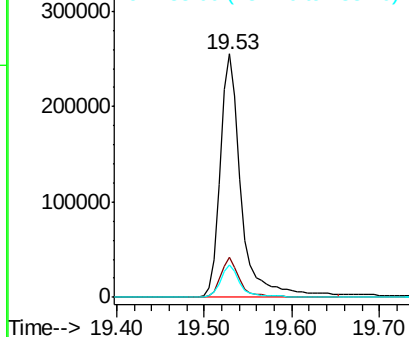
Tot Ion:	184	Resp:	426446
Ion Ratio	Lower	Upper	
184	100		
185	16.3	12.9	19.3
183	13.2	10.8	16.2

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



#78

Pyrene

Concen: 48.512 ng

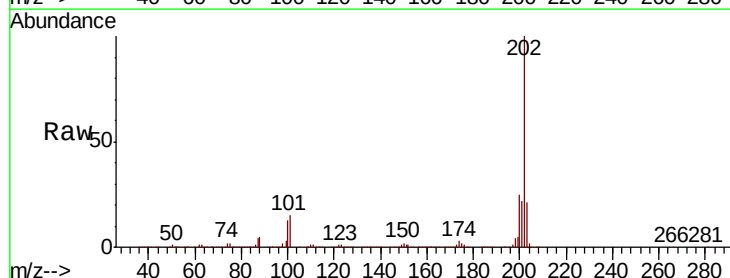
RT: 19.71 min Scan# 2829

Delta R.T. -0.00 min

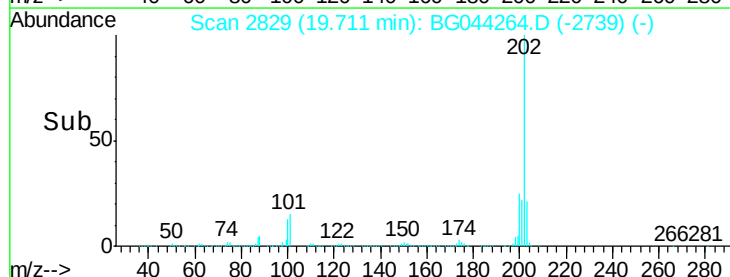
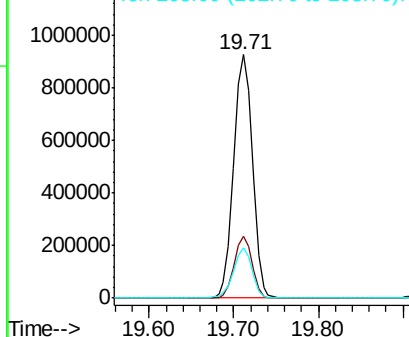
Lab File: BG044264.D

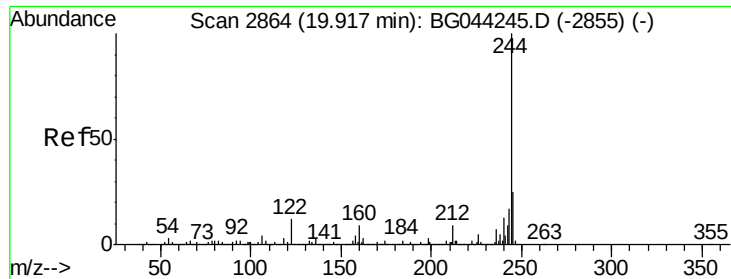
Acq: 31 Jan 2020 17:46

Tgt Ion:	202	Resp:	1408607
Ion Ratio	Lower	Upper	
202	100		
200	25.4	20.0	30.0
203	20.9	16.2	24.2



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





#79

Terphenyl-d14

Concen: 72.383 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

ClientSampleId :

C-1_013020MS

Tot Ion:244 Resp: 1591079

Ion Ratio Lower Upper

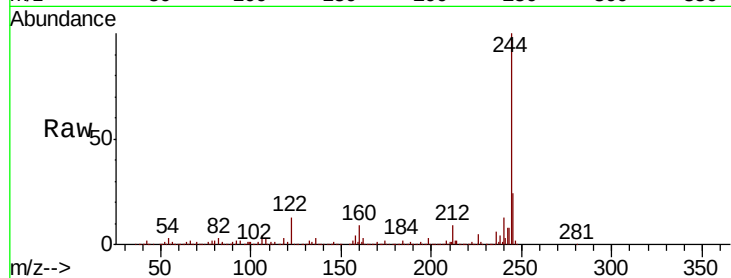
244 100

212 9.0 7.4 11.2

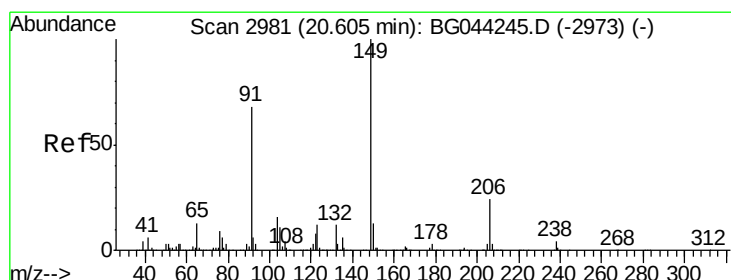
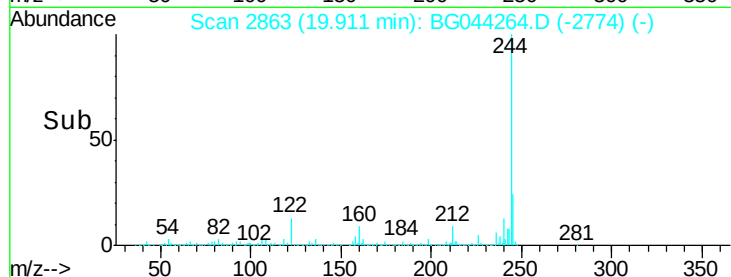
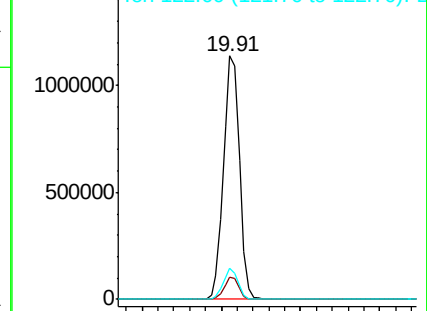
122 12.6 9.8 14.6

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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: 48.759 ng

RT: 20.60 min Scan# 2981

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

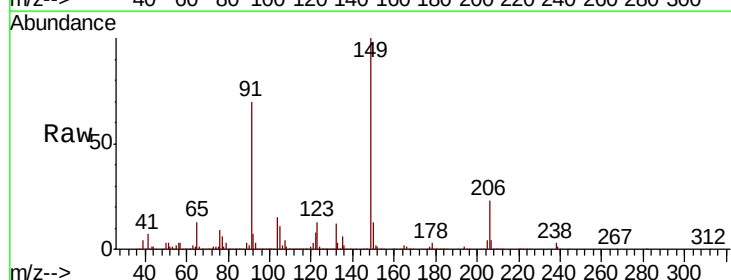
Tgt Ion:149 Resp: 645178

Ion Ratio Lower Upper

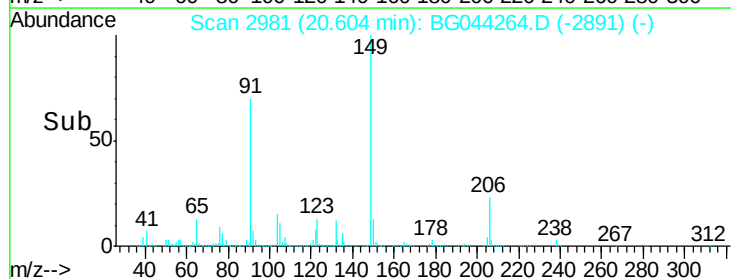
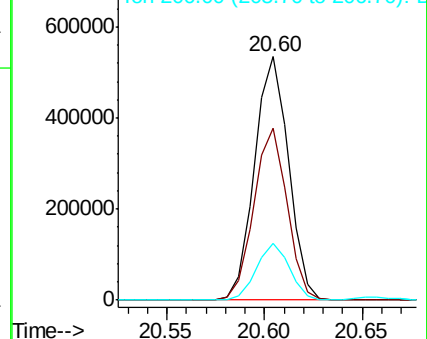
149 100

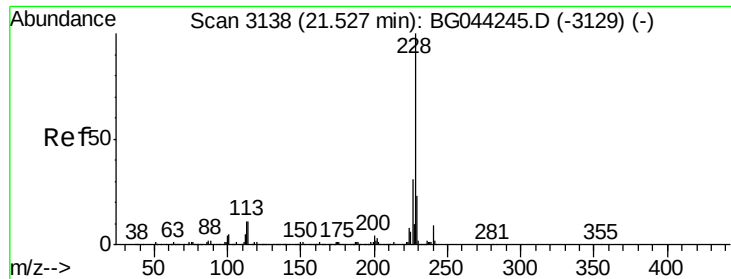
91 70.4 54.5 81.7

206 23.1 19.1 28.7



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: 48.607 ng

RT: 21.53 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

ClientSampleId :

C-1_013020MS

Tot Ion:228 Resp: 1354437

Ion Ratio Lower Upper

228 100

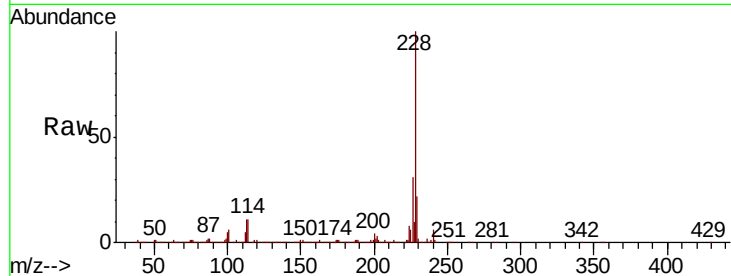
226 31.2 24.7 37.1

229 22.4 18.2 27.4

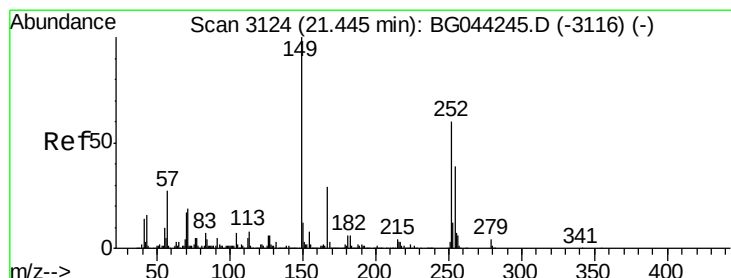
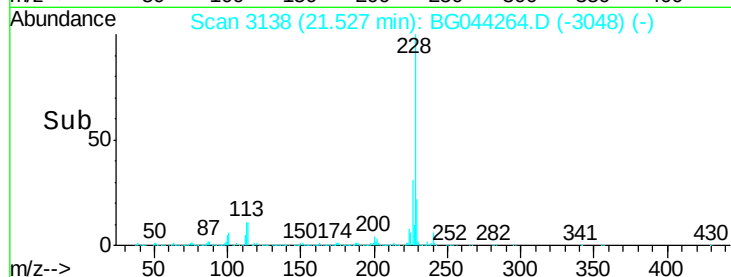
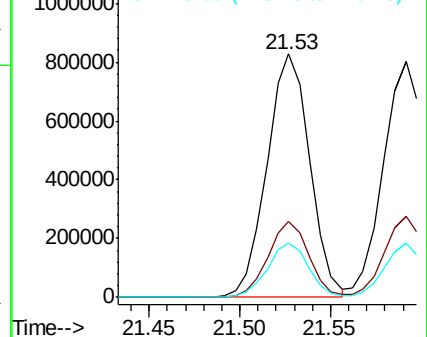
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.080 ng

RT: 21.44 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

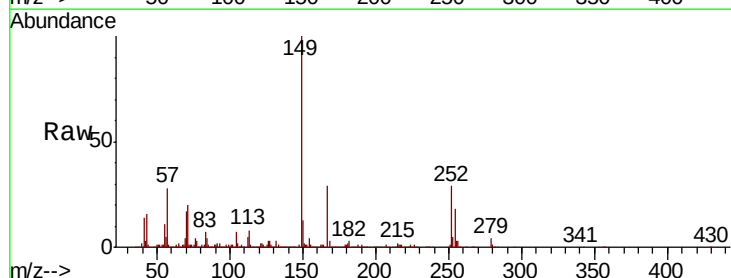
Tgt Ion:252 Resp: 282052

Ion Ratio Lower Upper

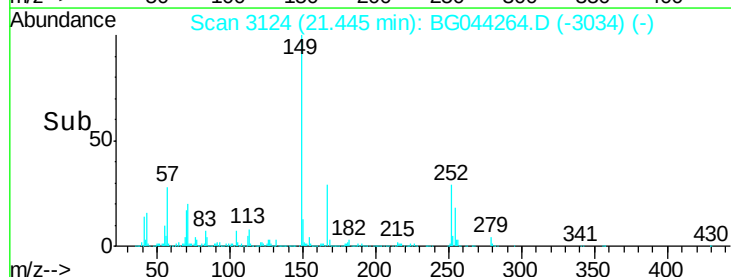
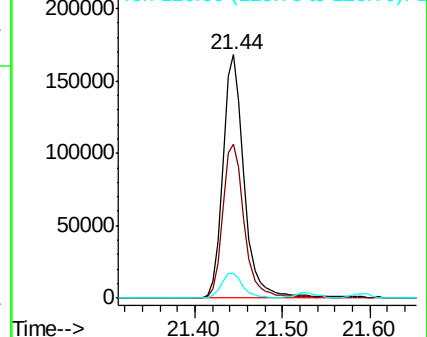
252 100

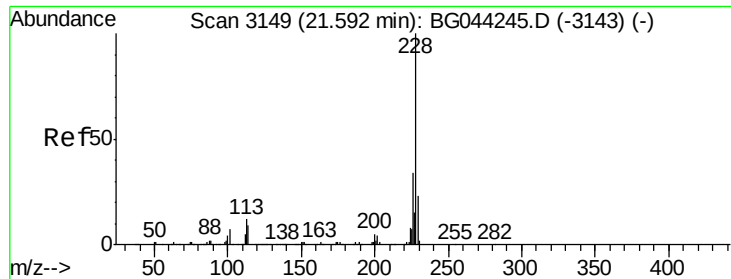
254 63.4 52.6 78.8

126 10.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





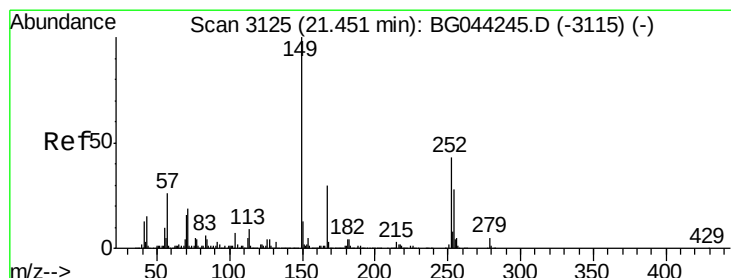
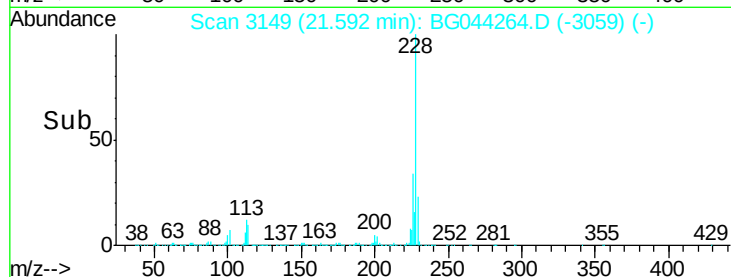
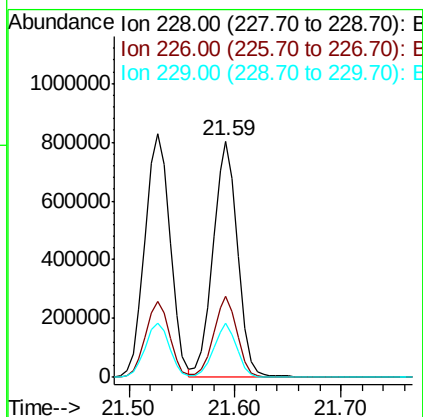
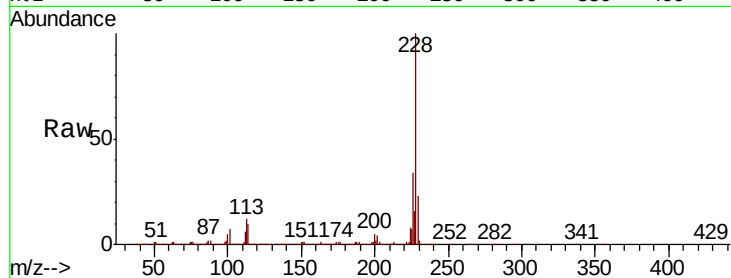
#83
 Chrysene
 Concen: 48.307 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Instrument :
 BNA_G
 ClientSampleId :
 C-1_013020MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.1	40.7
229	22.8	17.9	26.9

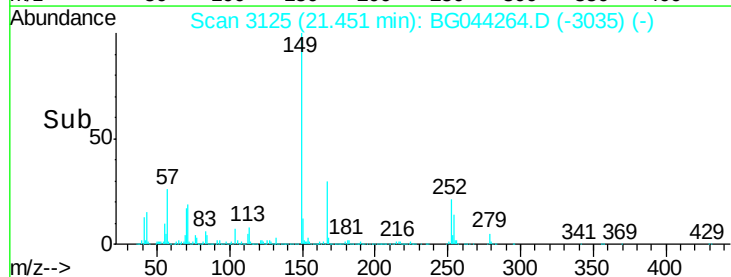
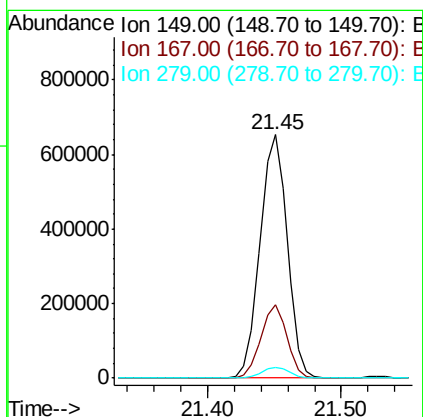
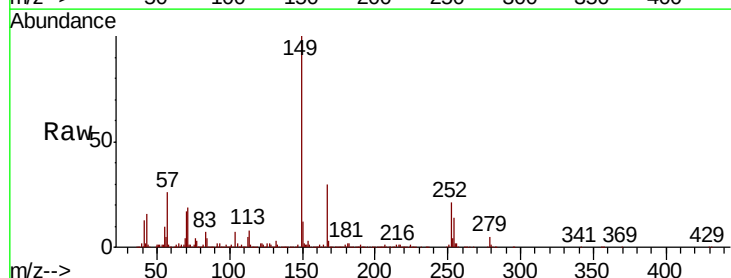
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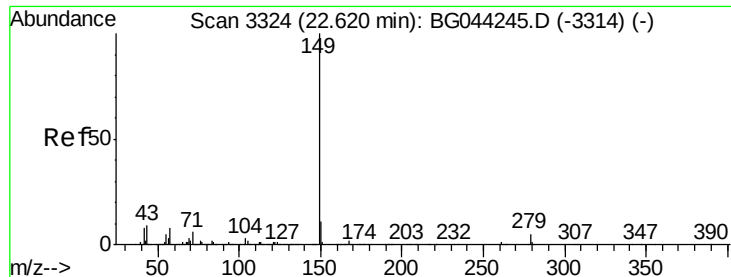
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.395 ng
 RT: 21.45 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG044264.D
 Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.0	36.0
279	4.5	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 50.419 ng

RT: 22.62 min Scan# 3324

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

ClientSampleId :

C-1_013020MS

Tot Ion:149 Resp: 1588809

Ion Ratio Lower Upper

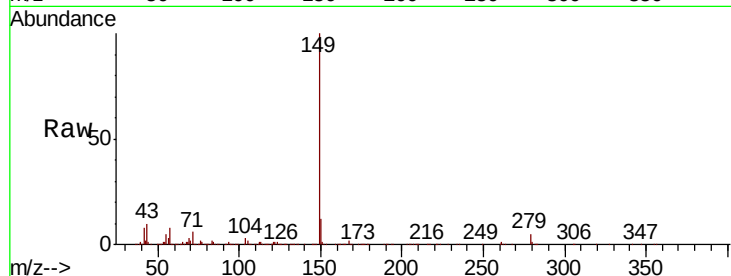
149 100

167 1.7 1.3 1.9

43 9.3 7.4 11.0

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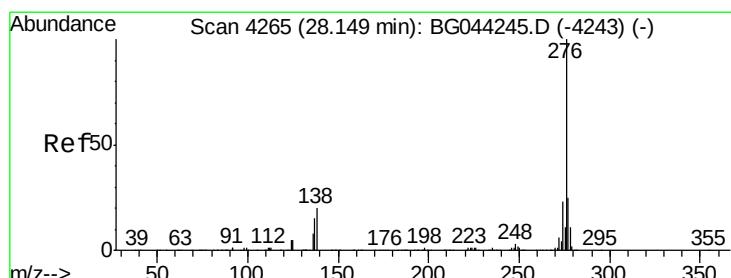
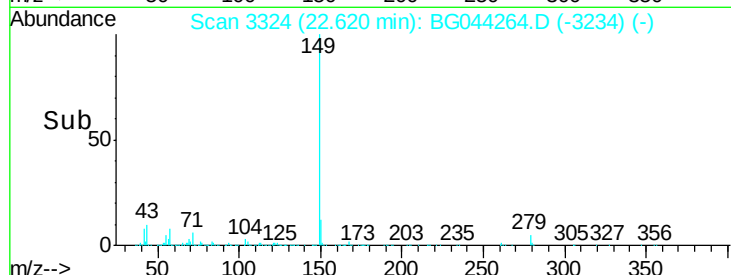
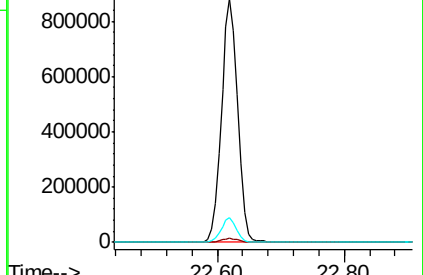
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.074 ng

RT: 28.14 min Scan# 4264

Delta R.T. -0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

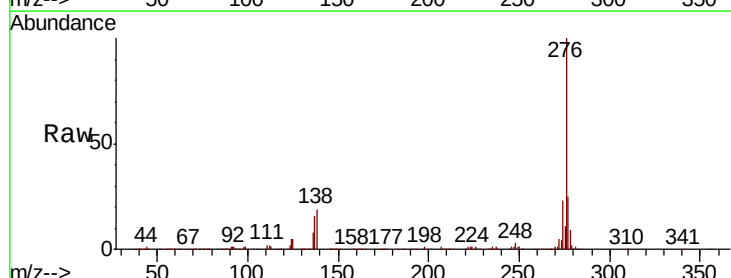
Tgt Ion:276 Resp: 1654182

Ion Ratio Lower Upper

276 100

138 10.2 19.4 29.0#

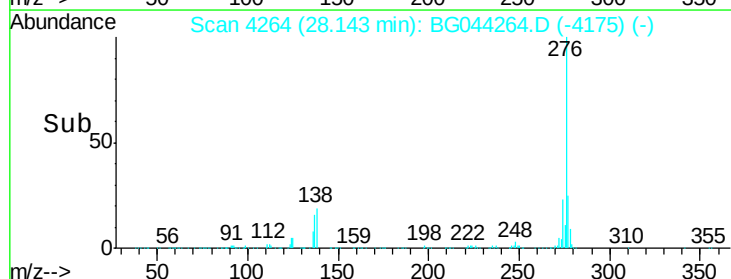
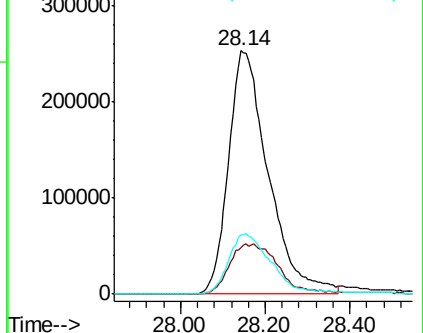
277 26.5 21.0 31.6

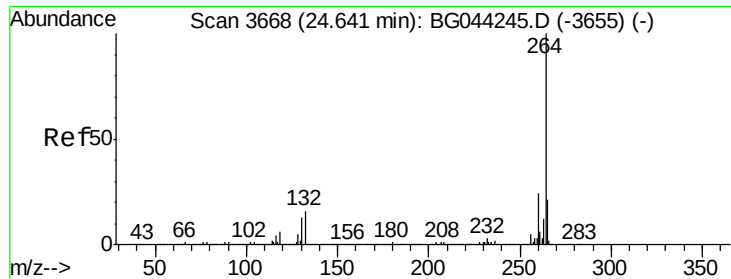


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3667

Delta R.T. -0.01 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

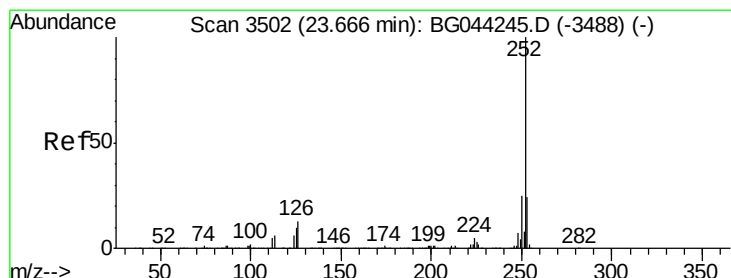
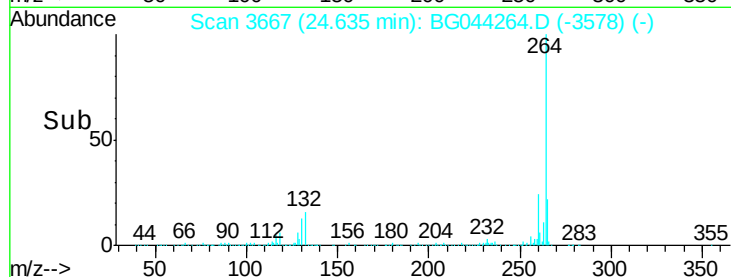
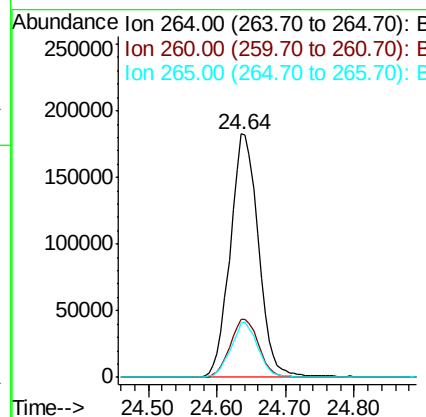
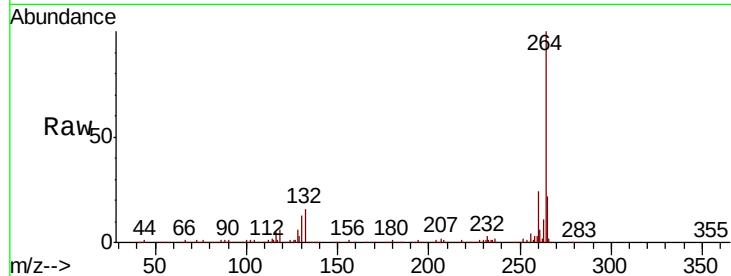
ClientSampleId :

C-1_013020MS

Tot Ion:	264	Resp:	523447
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.4	29.2
265	22.4	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 47.664 ng

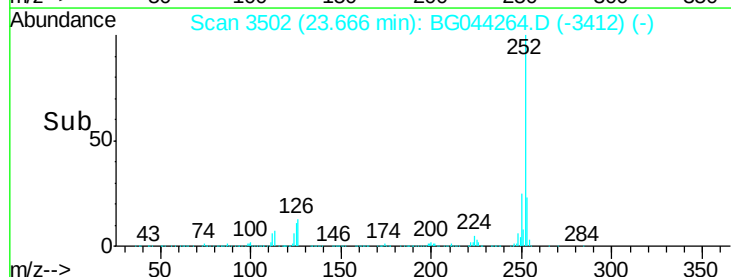
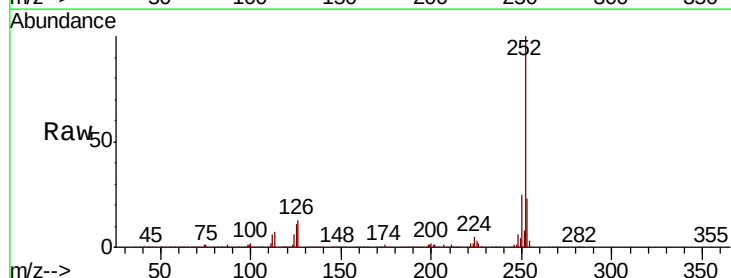
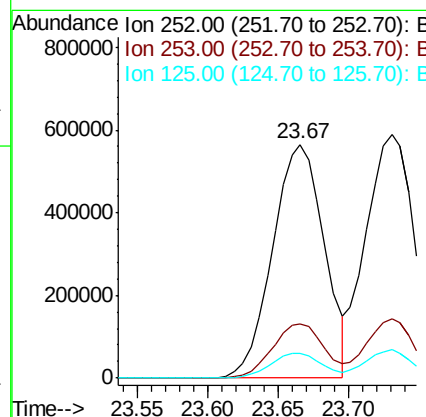
RT: 23.67 min Scan# 3502

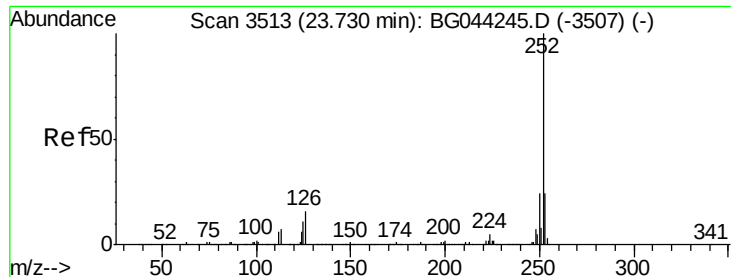
Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Tgt Ion:	252	Resp:	1437687
Ion Ratio	Lower	Upper	
252	100		
253	23.4	19.2	28.8
125	10.8	8.4	12.6





#89

Benzo(k)fluoranthene

Concen: 49.114 ng

RT: 23.73 min Scan# 3513

Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Instrument :

BNA_G

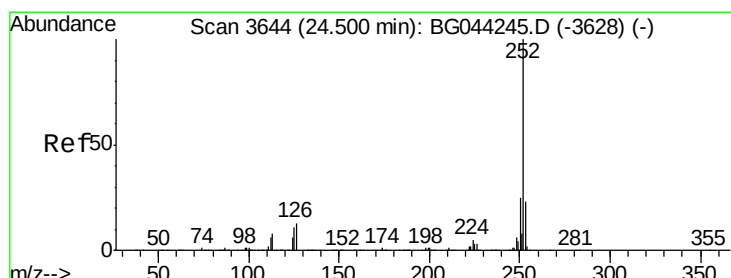
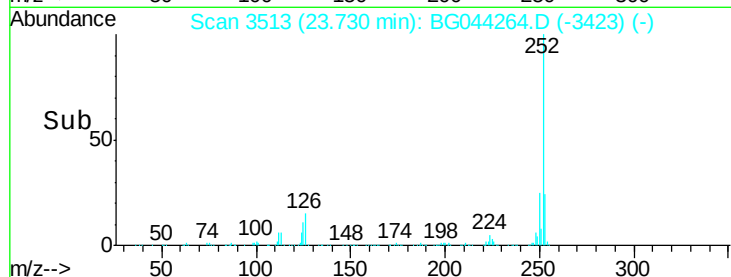
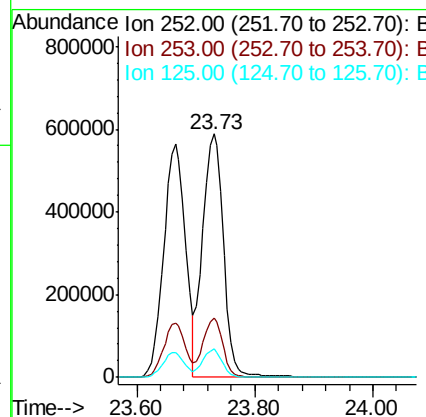
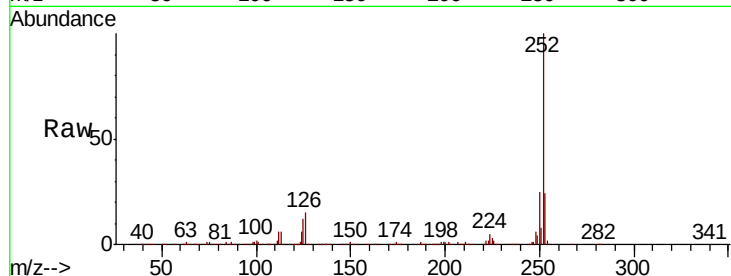
ClientSampleId :

C-1_013020MS

Tot Ion:252	Resp: 1443855		
Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.1	28.7
125	11.5	8.6	12.8

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#90

Benzo(a)pyrene

Concen: 47.618 ng

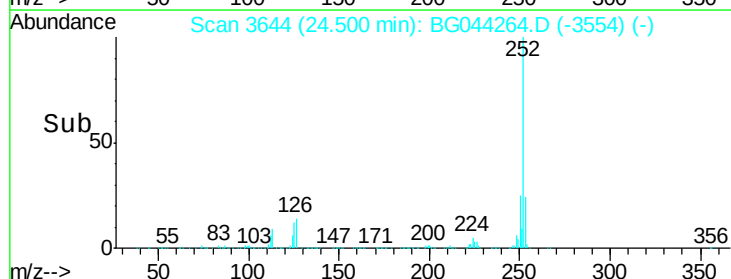
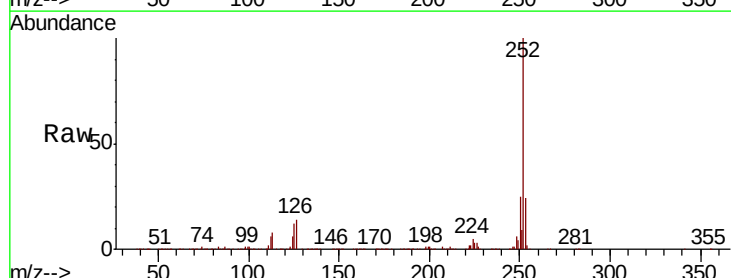
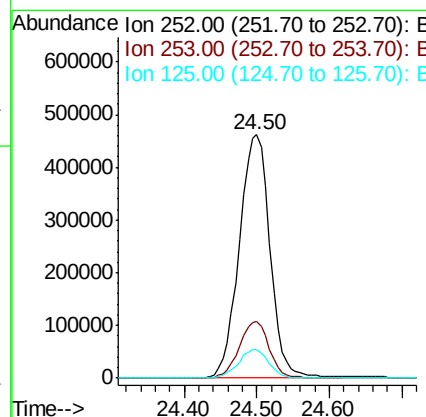
RT: 24.50 min Scan# 3644

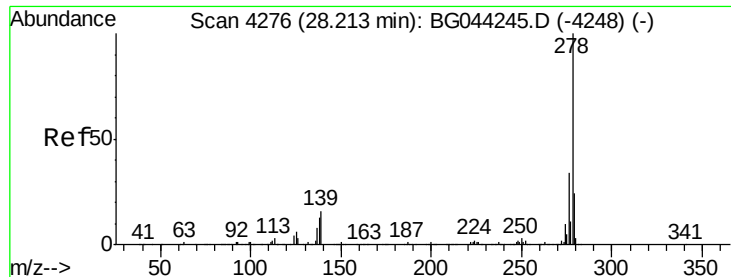
Delta R.T. -0.00 min

Lab File: BG044264.D

Acq: 31 Jan 2020 17:46

Tgt Ion:252	Resp: 1357991		
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.8	8.6	13.0





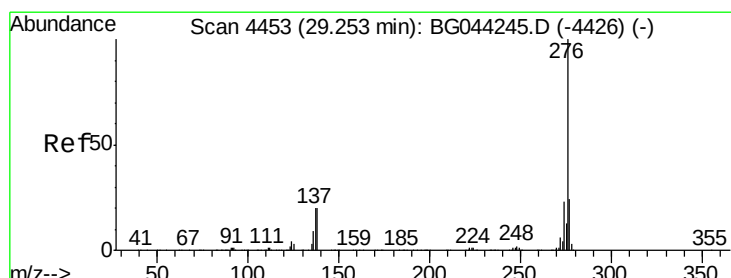
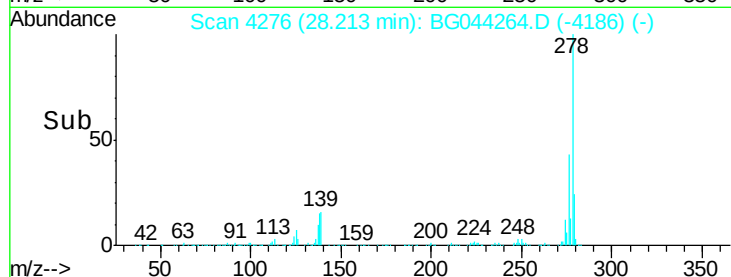
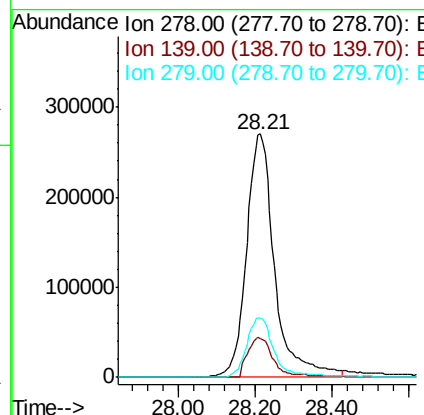
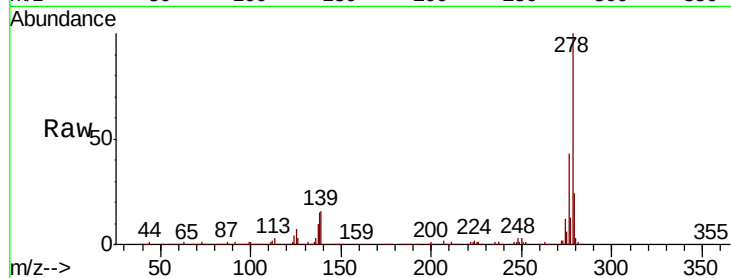
#91
Dibenzo(a,h)anthracene
Concen: 48.589 ng
RT: 28.21 min Scan# 4276
Delta R.T. -0.00 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Instrument :
BNA_G
ClientSampleId :
C-1_013020MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	24.4	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 48.402 ng
RT: 29.24 min Scan# 4451
Delta R.T. -0.01 min
Lab File: BG044264.D
Acq: 31 Jan 2020 17:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.5	16.2	24.2

