

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022620\
 Data File : BG044612.D
 Acq On : 26 Feb 2020 20:43
 Operator : CG/JU
 Sample : L1367-08MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Manual Integrations
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 2/27/2020 4:59:00 PM

Quant Time: Feb 27 07:33:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 24 16:11:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	59265	20.00	ng	0.00
21) Naphthalene-d8	10.67	136	248804	20.00	ng	0.00
39) Acenaphthene-d10	14.51	164	167264	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	388375	20.00	ng	0.00
76) Chrysene-d12	21.50	240	391122	20.00	ng	0.00
87) Perylene-d12	24.57	264	417394	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	478836	129.63	ng	0.00
7) Phenol-d6	7.05	99	582208	115.15	ng	0.00
23) Nitrobenzene-d5	9.03	82	408512	84.59	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	309614	130.55	ng	0.00
45) 2-Fluorobiphenyl	13.14	172	934763	80.03	ng	0.00
79) Terphenyl-d14	19.88	244	1685092	81.56	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.34	88	62137	38.550	ng	# 43
3) Pyridine	3.74	79	119978	26.676	ng	99
4) n-Nitrosodimethylamine	3.64	42	78550	45.985	ng	97
6) Aniline	7.20	93	143681	23.341	ng	98
8) 2-Chlorophenol	7.44	128	201082	49.870	ng	99
9) Benzaldehyde	7.01	77	72383	24.346	ng	97
10) Phenol	7.08	94	216202	44.126	ng	100
11) bis(2-Chloroethyl)ether	7.29	93	187754	45.582	ng	97
12) 1,3-Dichlorobenzene	7.76	146	206926	43.027	ng	98
13) 1,4-Dichlorobenzene	7.91	146	208730	43.187	ng	97
14) 1,2-Dichlorobenzene	8.23	146	197034	42.868	ng	98
15) Benzyl Alcohol	8.11	79	165290	48.474	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	239845	43.327	ng	99
17) 2-Methylphenol	8.33	107	163210	46.628	ng	98
18) Hexachloroethane	8.95	117	75863	42.949	ng	94
19) n-Nitroso-di-n-propylamine	8.68	70	146463	45.066	ng	98
20) 3+4-Methylphenols	8.65	107	221555	46.232	ng	99
22) Acetophenone	8.70	105	277448	44.415	ng	99
24) Nitrobenzene	9.07	77	207749	44.402	ng	99
25) Isophorone	9.60	82	408000	45.160	ng	99
26) 2-Nitrophenol	9.79	139	112926	44.504	ng	98
27) 2,4-Dimethylphenol	9.85	122	187970	52.759	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	254048	42.522	ng	98
29) 2,4-Dichlorophenol	10.33	162	199096	46.741	ng	97
30) 1,2,4-Trichlorobenzene	10.54	180	202287	41.064	ng	97
31) Naphthalene	10.72	128	593990	43.752	ng	99
32) Benzoic acid	10.02	122	58009	45.831	ng	98
33) 4-Chloroaniline	10.85	127	31866	5.329	ng	98
34) Hexachlorobutadiene	11.02	225	120107	38.824	ng	97
35) Caprolactam	11.61	113	59631m	39.106	ng	
36) 4-Chloro-3-methylphenol	11.97	107	213825	48.768	ng	97
37) 2-Methylnaphthalene	12.33	142	440639	43.916	ng	99
38) 1-Methylnaphthalene	12.56	142	421133	44.172	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.71	216	224048	39.789	ng	99

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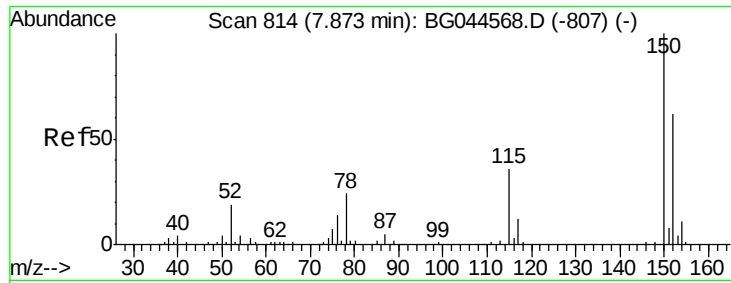
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.69	237	196800	74.044	ng	99
43) 2,4,6-Trichlorophenol	12.95	196	164303	44.938	ng	100
44) 2,4,5-Trichlorophenol	13.03	196	179261	47.729	ng	98
46) 1,1'-Biphenyl	13.35	154	573159	41.408	ng	99
47) 2-Chloronaphthalene	13.39	162	446255	41.114	ng	98
48) 2-Nitroaniline	13.59	65	136300	45.237	ng	95
49) Acenaphthylene	14.24	152	716017	44.689	ng	100
50) Dimethylphthalate	13.97	163	634431	46.994	ng	100
51) 2,6-Dinitrotoluene	14.09	165	137235	46.092	ng	95
52) Acenaphthene	14.58	154	441232	43.202	ng	99
53) 3-Nitroaniline	14.42	138	69996	21.798	ng	100
54) 2,4-Dinitrophenol	14.63	184	127889	73.018	ng	95
55) Dibenzofuran	14.92	168	700007	44.707	ng	100
56) 4-Nitrophenol	14.75	139	221988	100.500	ng	99
57) 2,4-Dinitrotoluene	14.88	165	194969	46.576	ng	98
58) Fluorene	15.56	166	562058	45.274	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.15	232	169154	48.907	ng	99
60) Diethylphthalate	15.34	149	609874	45.593	ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	295017	43.705	ng	98
62) 4-Nitroaniline	15.59	138	140433	43.676	ng	98
63) Azobenzene	15.85	77	531068	46.650	ng	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	110307	45.870	ng	98
66) n-Nitrosodiphenylamine	15.78	169	533233	44.016	ng	99
67) 4-Bromophenyl-phenylether	16.45	248	200500	41.590	ng	100
68) Hexachlorobenzene	16.57	284	222253	40.777	ng	99
69) Atrazine	16.73	200	213462	47.663	ng	99
70) Pentachlorophenol	16.92	266	241711	89.662	ng	96
71) Phenanthrene	17.30	178	951043	44.231	ng	99
72) Anthracene	17.39	178	967200	45.645	ng	98
73) Carbazole	17.66	167	888787	46.081	ng	100
74) Di-n-butylphthalate	18.23	149	1084328	44.864	ng	98
75) Fluoranthene	19.31	202	1162380	45.667	ng	99
77) Benzidine	19.49	184	193486	14.441	ng	100
78) Pyrene	19.68	202	1166010	41.068	ng	98
80) Butylbenzylphthalate	20.57	149	509625	41.036	ng	99
81) Benzo(a)anthracene	21.49	228	1144074	41.619	ng	99
82) 3,3'-Dichlorobenzidine	21.40	252	220013	20.259	ng	99
83) Chrysene	21.55	228	1096464	41.254	ng	98
84) Bis(2-ethylhexyl)phthalate	21.40	149	729371	42.623	ng	99
85) Di-n-octyl phthalate	22.56	149	1266081	42.053	ng	99
86) Indeno(1,2,3-cd)pyrene	28.05	276	1429528	41.910	ng	# 87
88) Benzo(b)fluoranthene	23.61	252	1235480	45.020	ng	99
89) Benzo(k)fluoranthene	23.67	252	1186164	44.547	ng	100
90) Benzo(a)pyrene	24.43	252	1132887	43.937	ng	99
91) Dibenzo(a,h)anthracene	28.10	278	1169743	45.872	ng	99
92) Benzo(g,h,i)perylene	29.14	276	1196069	46.815	ng	99

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



#1

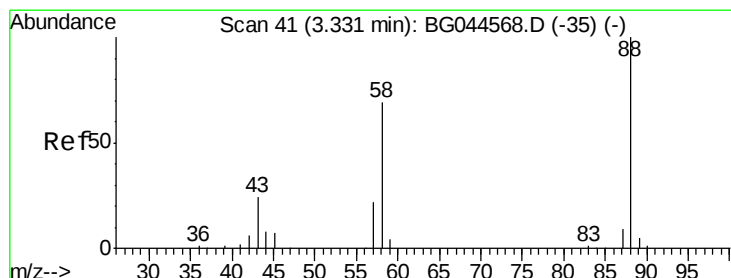
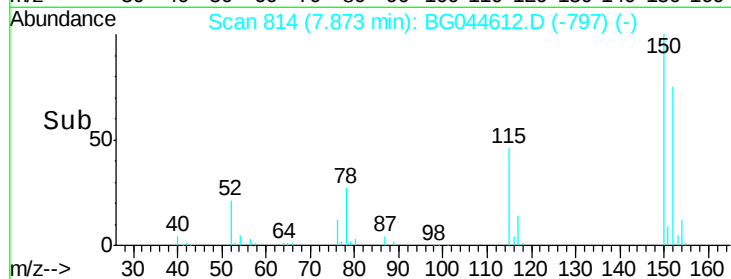
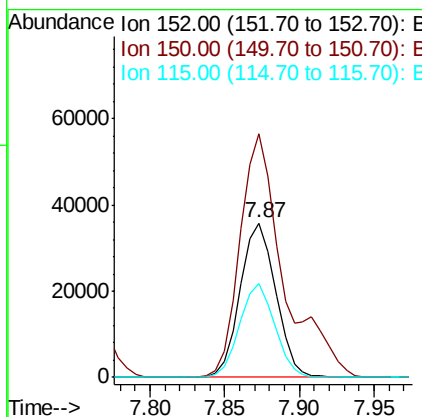
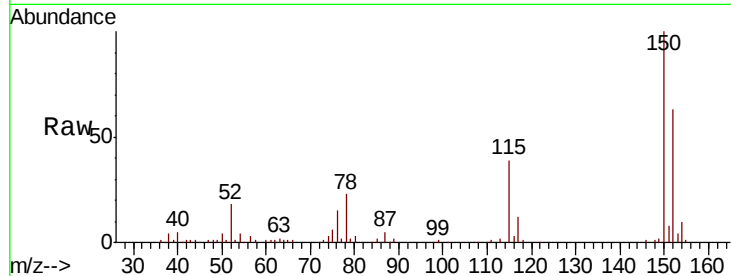
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	128.9	193.3
115	61.1	47.0	70.4

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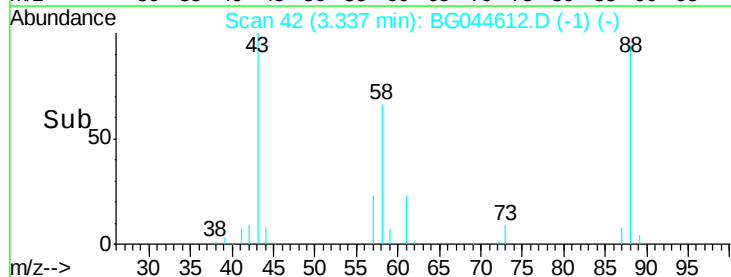
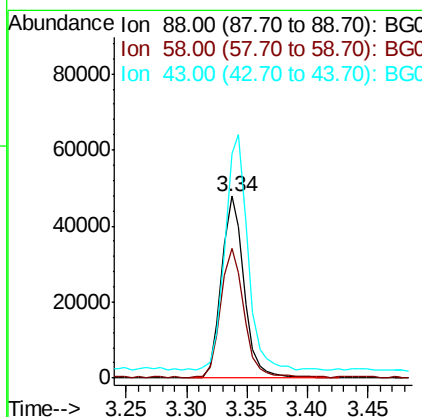
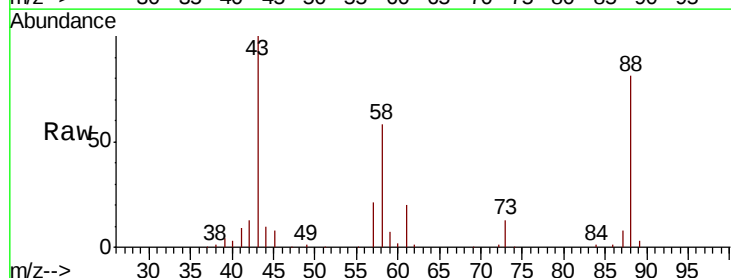
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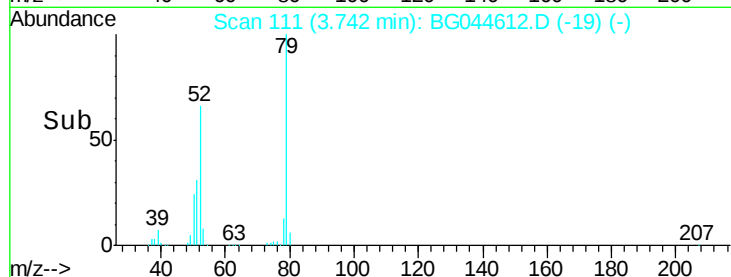
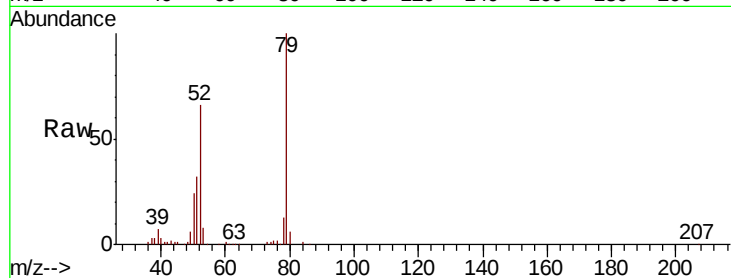
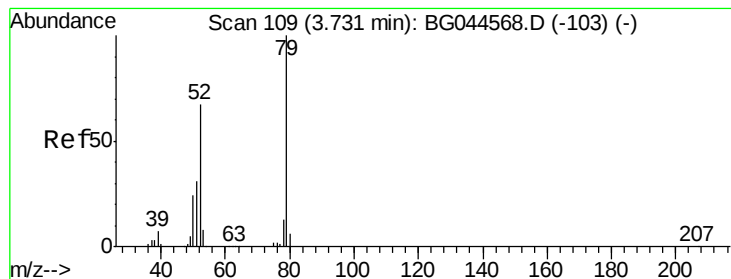


#2

1,4-Dioxane
Concen: 38.550 ng
RT: 3.34 min Scan# 42
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	55.8	83.8
43	129.2	20.6	31.0





#3

Pvridine

Concen: 26.676 ng

RT: 3.74 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tot Ion:	79	Resp:	119978
Ion	Ratio	Lower	Upper
79	100		
52	65.9	53.7	80.5
51	31.5	25.4	38.0

Instrument :

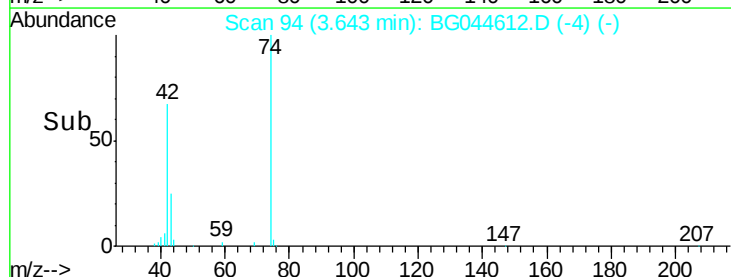
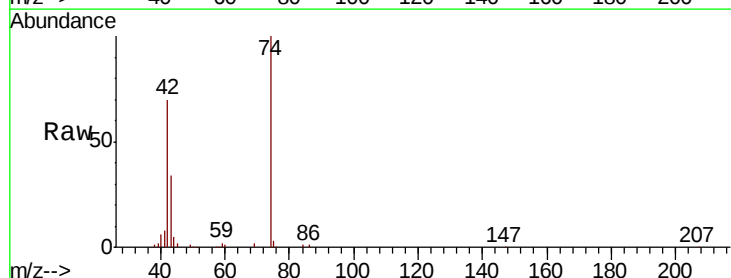
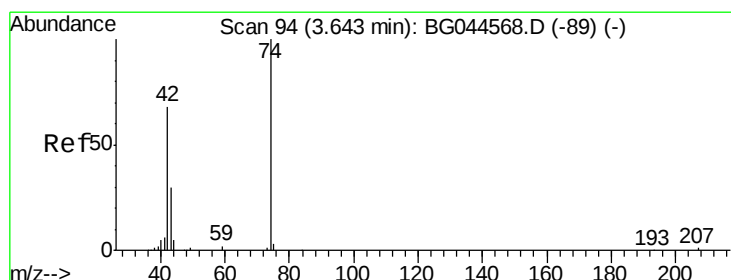
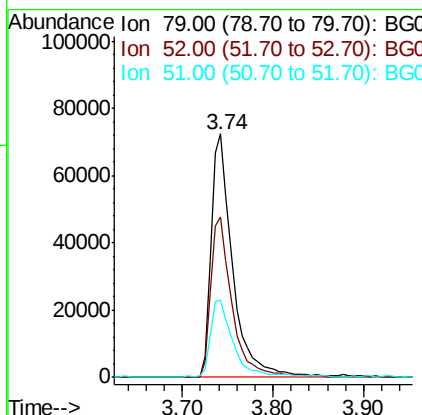
BNA_G

ClientSampleId :

OK-02-022420MS

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#4

n-Nitrosodimethylamine

Concen: 45.985 ng

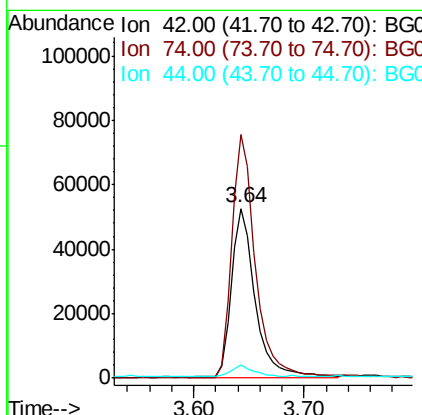
RT: 3.64 min Scan# 94

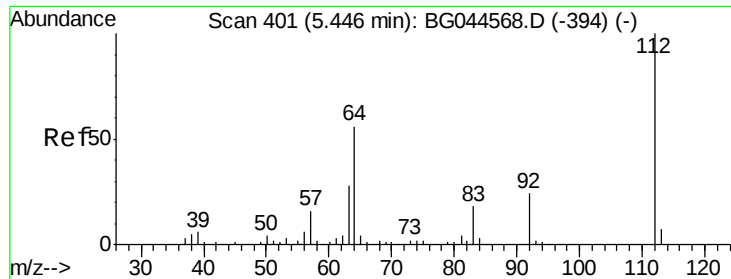
Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:	42	Resp:	78550
Ion	Ratio	Lower	Upper
42	100		
74	143.6	117.6	176.4
44	7.6	6.3	9.5





#5

2-Fluorophenol

Concen: 129.634 ng

RT: 5.45 min Scan# 402

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

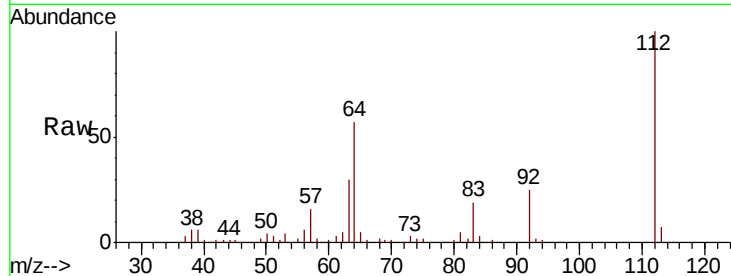
ClientSampleId :

OK-02-022420MS

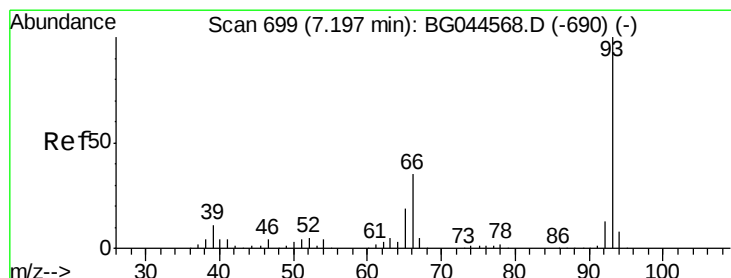
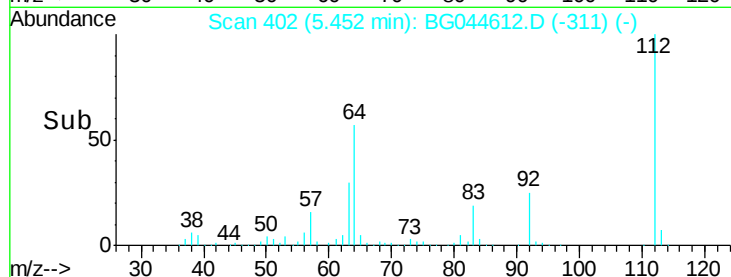
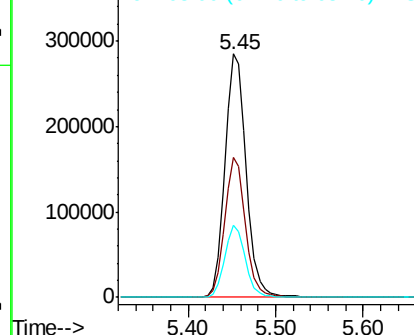
Tot Ion:	112	Resp:	478836
Ion Ratio	Lower	Upper	
112	100		
64	57.3	44.8	67.2
63	29.6	22.3	33.5

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.341 ng

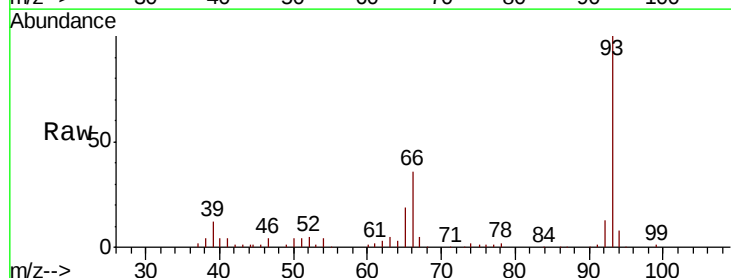
RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

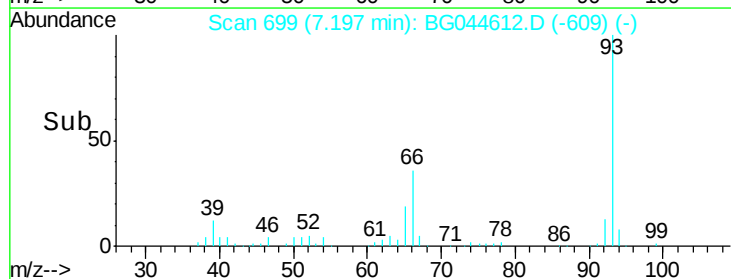
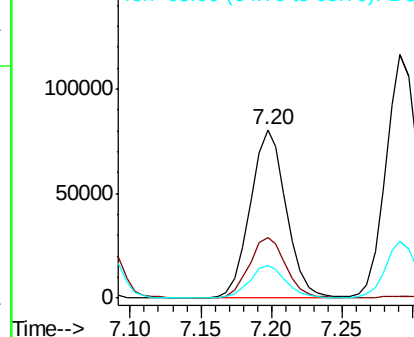
Lab File: BG044612.D

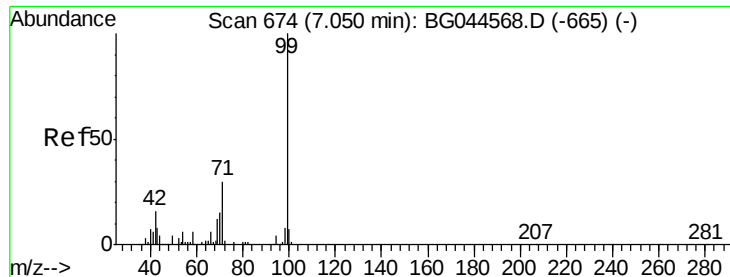
Acq: 26 Feb 2020 20:43

Tgt Ion:	93	Resp:	143681
Ion Ratio	Lower	Upper	
93	100		
66	36.2	27.8	41.8
65	19.1	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 115.151 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

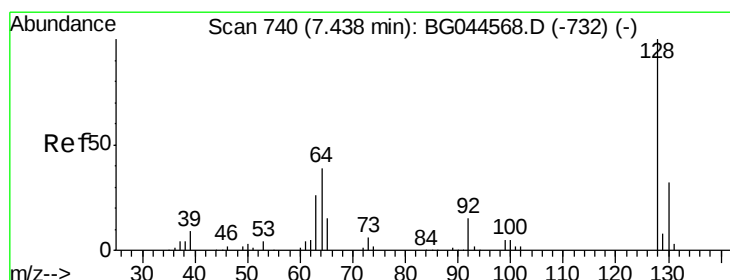
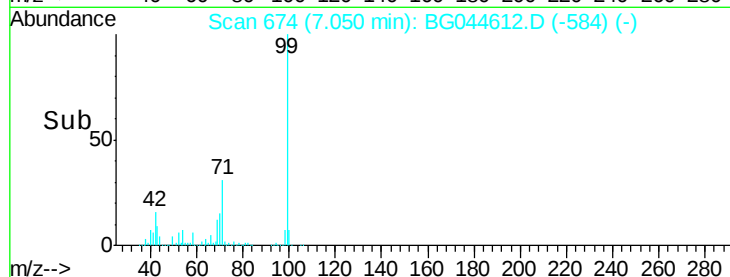
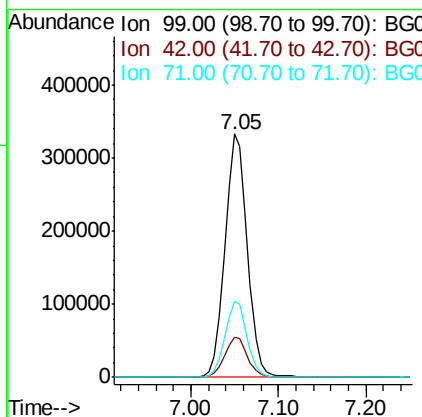
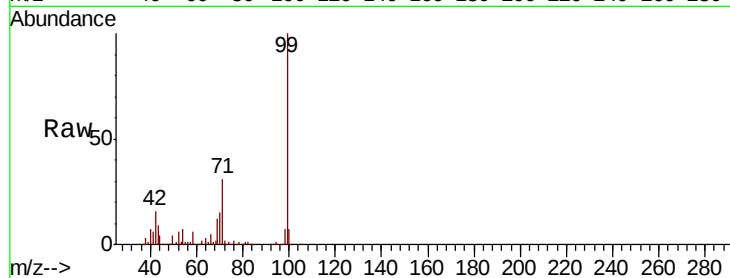
ClientSampleId :

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Tot Ion:	99	Resp:	582208
Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.8	19.2
71	31.0	24.4	36.6

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#8

2-Chlorophenol

Concen: 49.870 ng

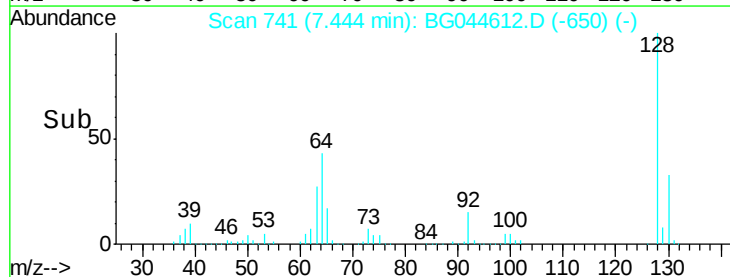
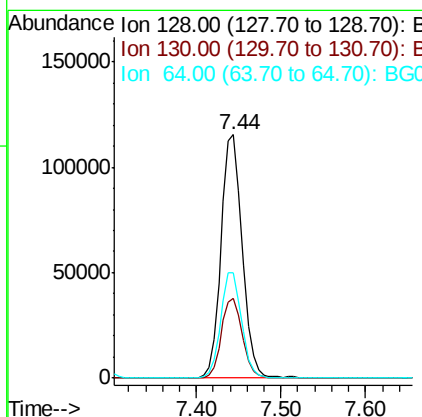
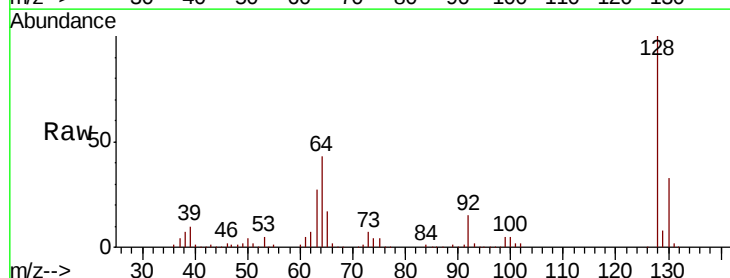
RT: 7.44 min Scan# 741

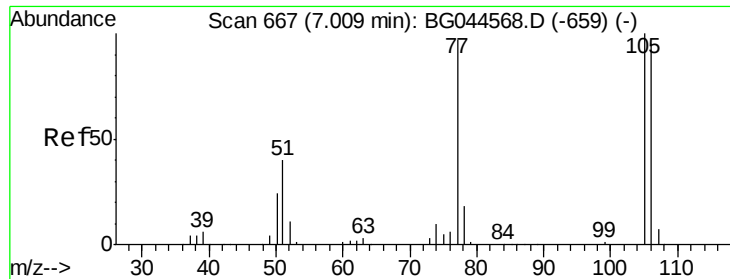
Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:	128	Resp:	201082
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	43.5	22.5	62.5





#9

Benzaldehyde

Concen: 24.346 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

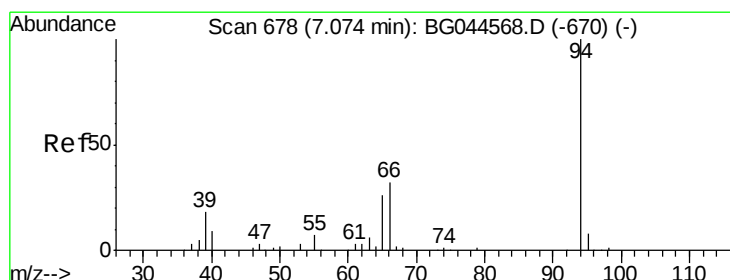
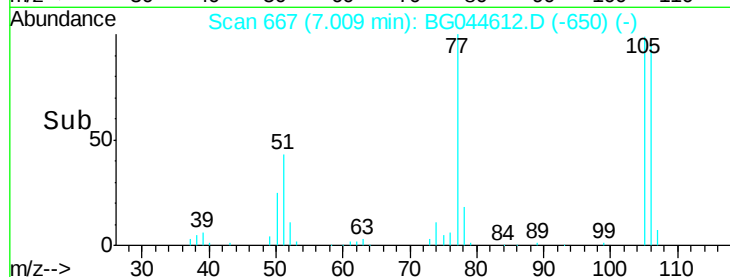
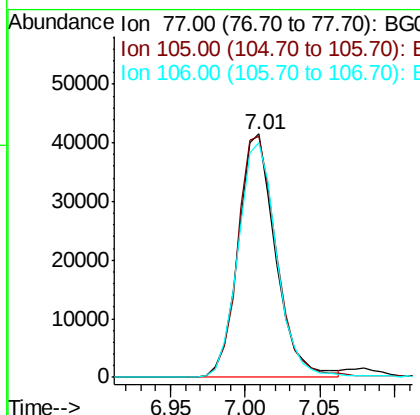
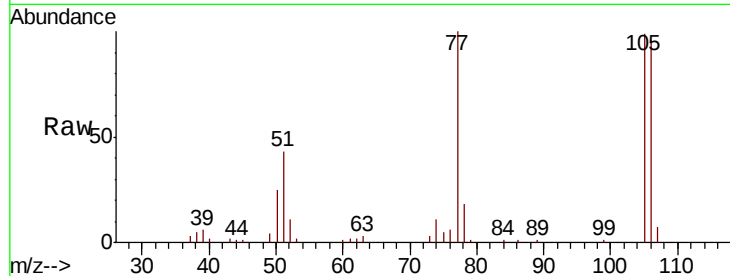
ClientSampleId :

OK-02-022420MS

Tot Ion:	77	Resp:	72383
Ion	Ratio	Lower	Upper
77	100		
105	99.1	83.6	123.6
106	96.4	78.2	118.2

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#10

Phenol

Concen: 44.126 ng

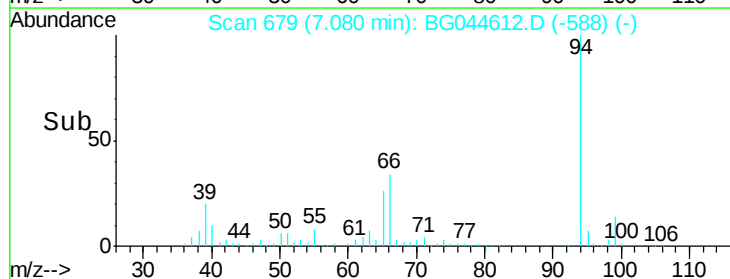
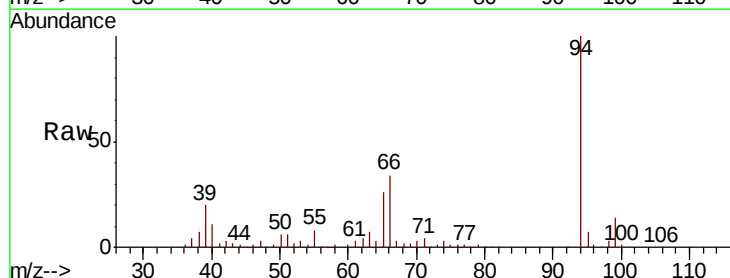
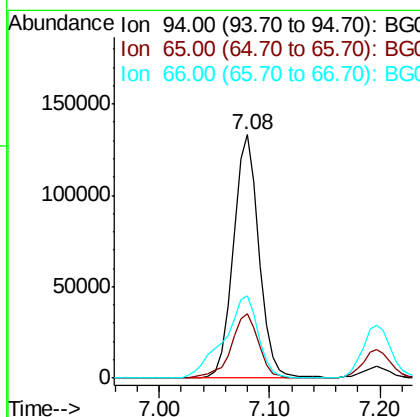
RT: 7.08 min Scan# 679

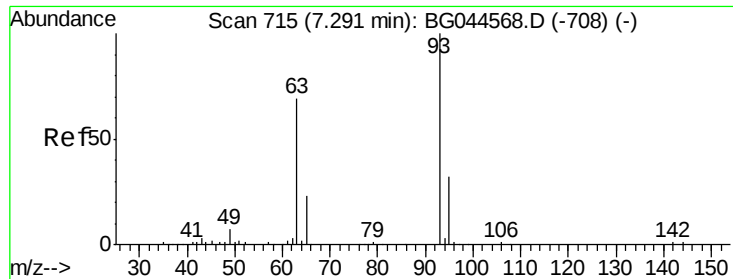
Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:	94	Resp:	216202
Ion	Ratio	Lower	Upper
94	100		
65	26.5	6.4	46.4
66	33.7	13.9	53.9





#11

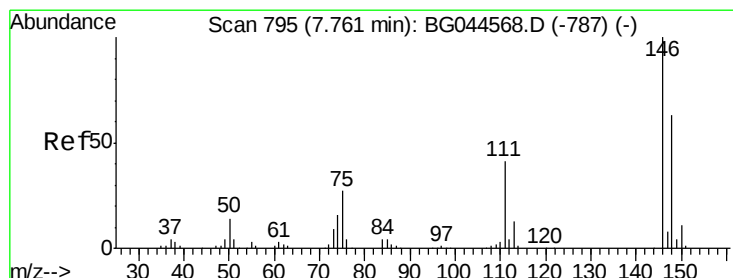
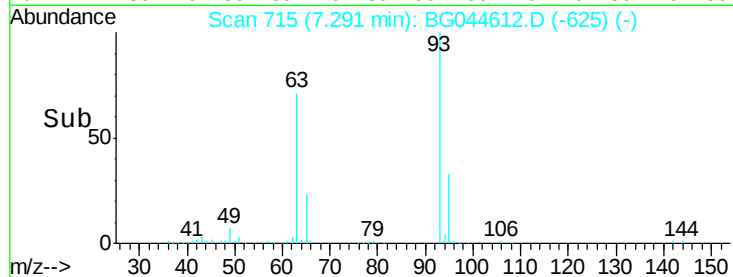
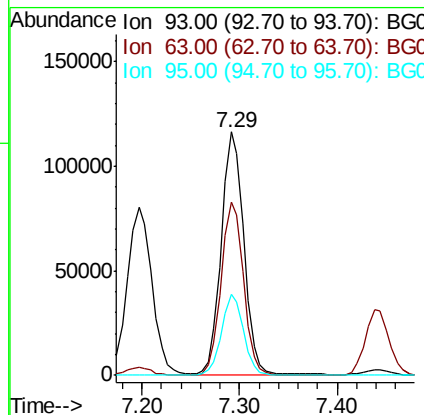
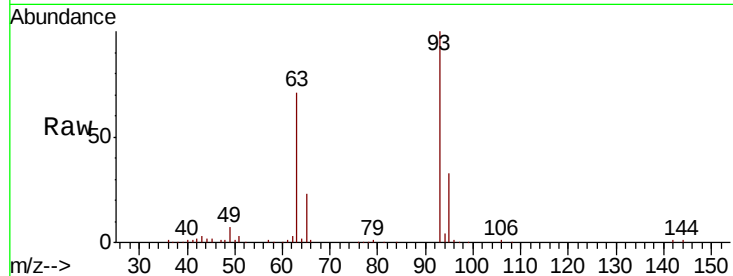
bis(2-Chloroethyl)ether
Concen: 45.582 ng
RT: 7.29 min Scan# 715
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion:	93	Resp:	187754
Ion	Ratio	Lower	Upper
93	100		
63	71.1	48.9	88.9
95	33.1	11.3	51.3

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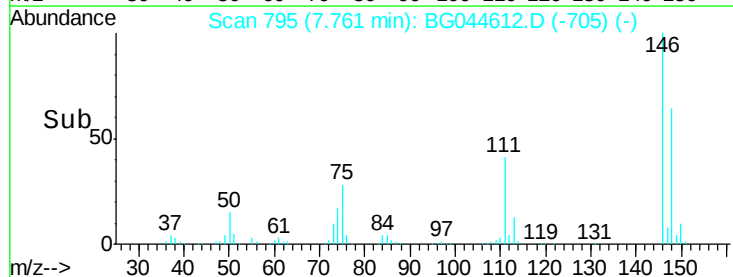
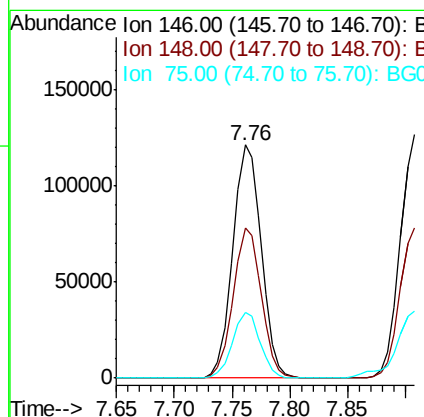
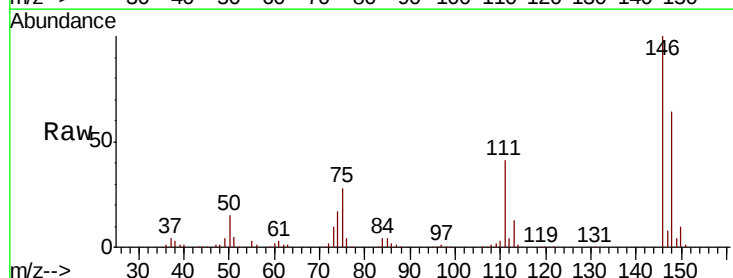
mohammad
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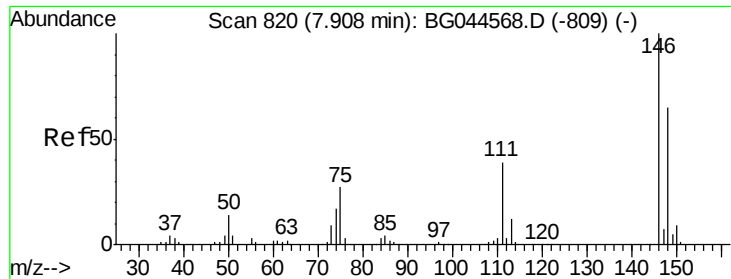


#12

1,3-Dichlorobenzene
Concen: 43.027 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:	146	Resp:	206926
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.6	75.8
75	28.2	21.4	32.0





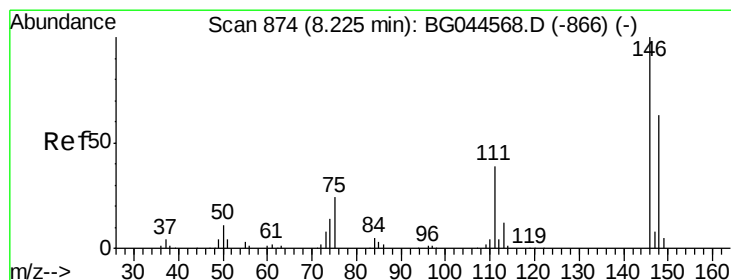
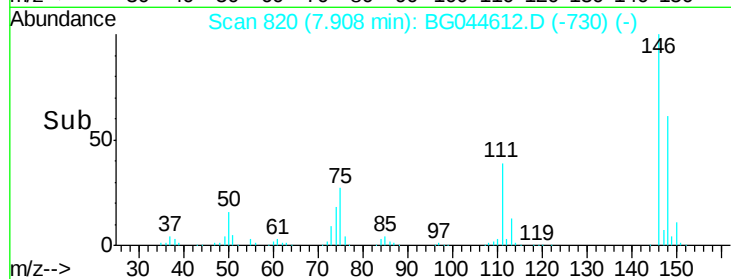
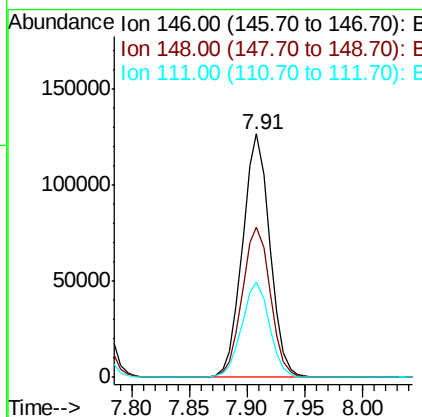
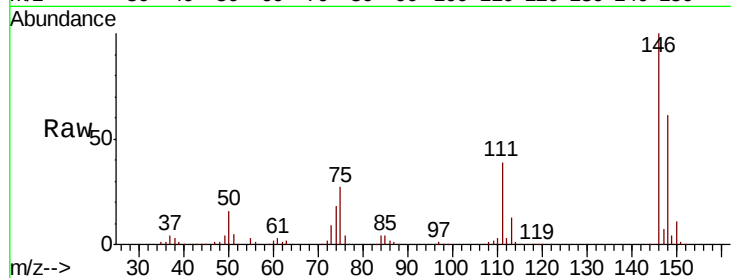
#13
 1,4-Dichlorobenzene
 Concen: 43.187 ng
 RT: 7.91 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		208730		
148	61.4	51.9	77.9		
111	39.0	30.8	46.2		

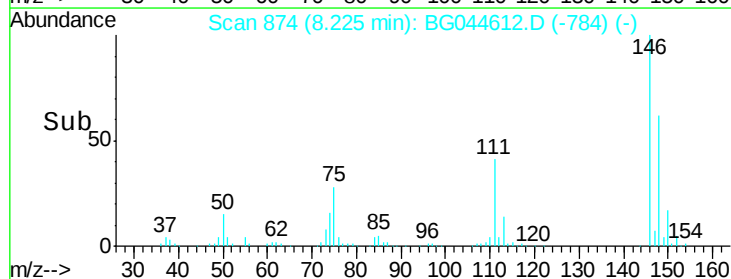
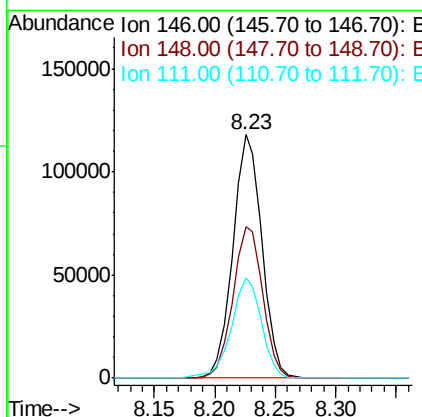
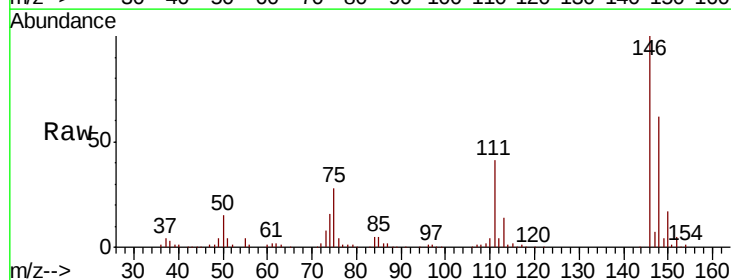
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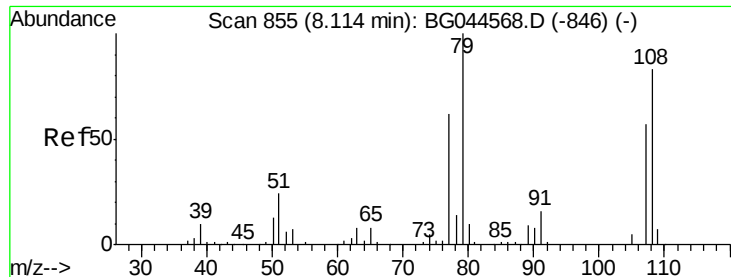
mohammad
 2/27/2020 4:59:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.868 ng
 RT: 8.23 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		197034		
148	62.1	50.7	76.1		
111	40.9	31.8	47.6		





#15

Benzyl Alcohol

Concen: 48.474 ng

RT: 8.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

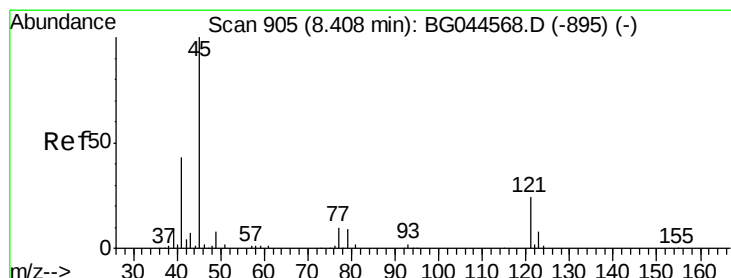
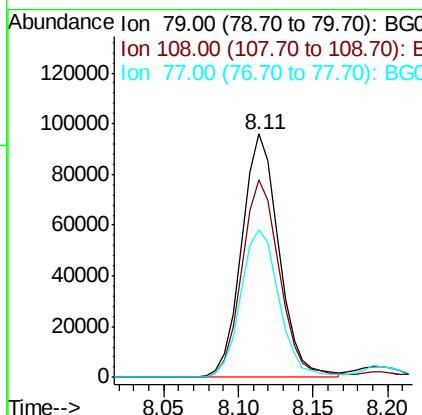
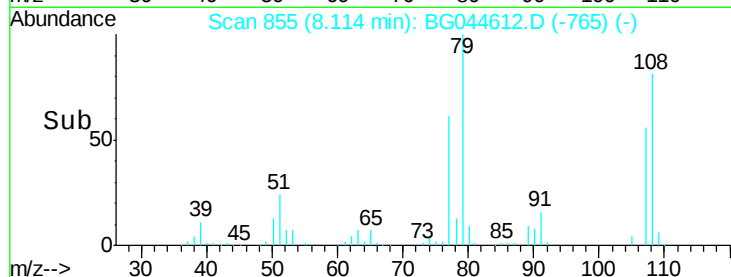
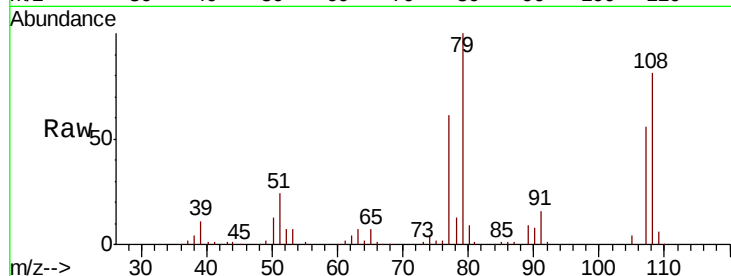
ClientSampleId :

OK-02-022420MS

Tot Ion:	79	Resp:	165290
Ion	Ratio	Lower	Upper
79	100		
108	81.4	66.0	99.0
77	60.5	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.327 ng

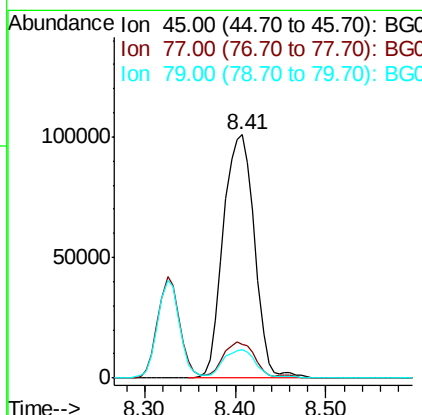
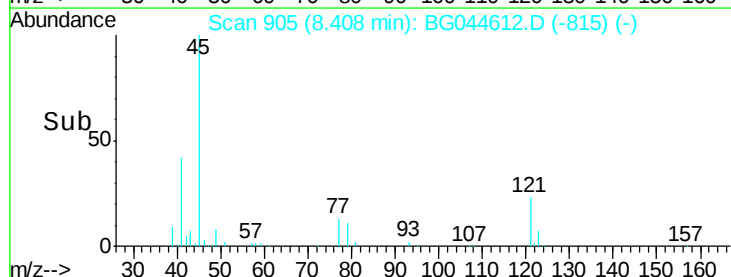
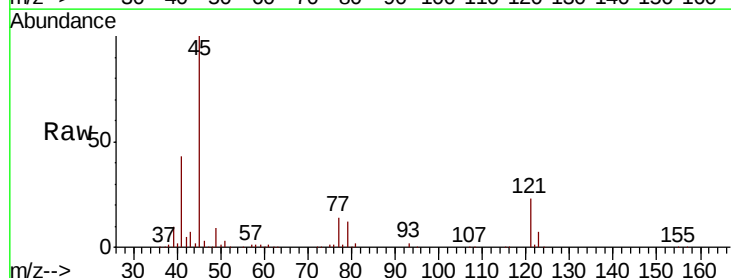
RT: 8.41 min Scan# 905

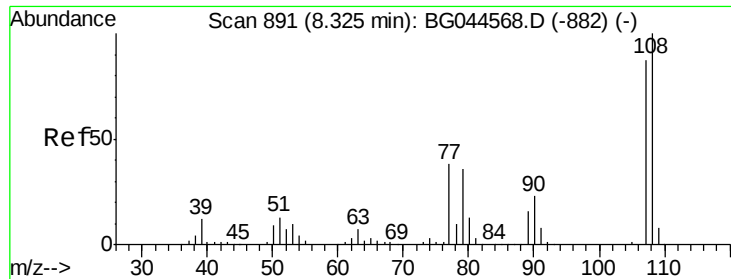
Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:	45	Resp:	239845
Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	34.4
79	11.8	0.0	32.3





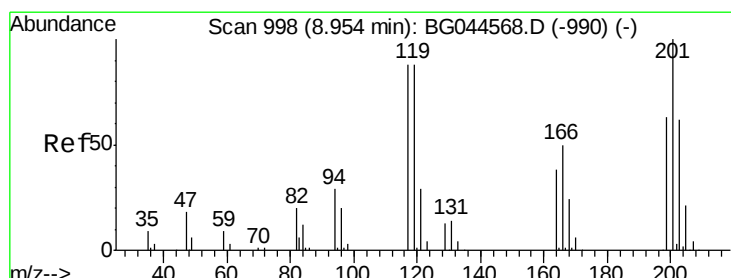
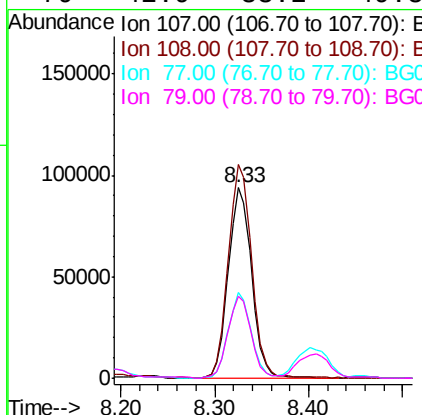
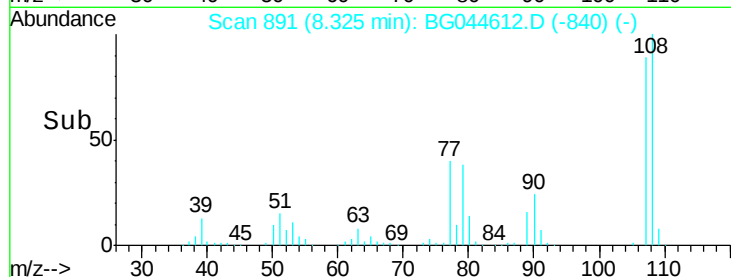
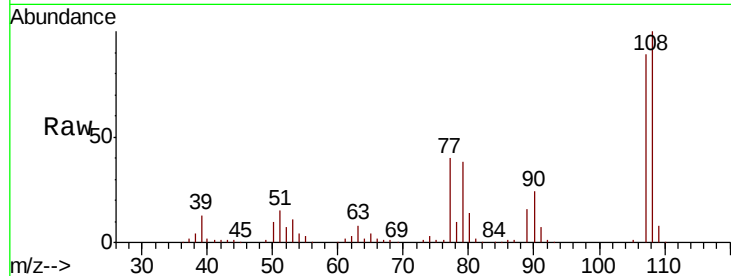
#17
2-Methylphenol
Concen: 46.628 ng
RT: 8.33 min Scan# 891
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	91.7	137.5	
77	44.9	35.1	52.7	
79	42.9	33.2	49.8	

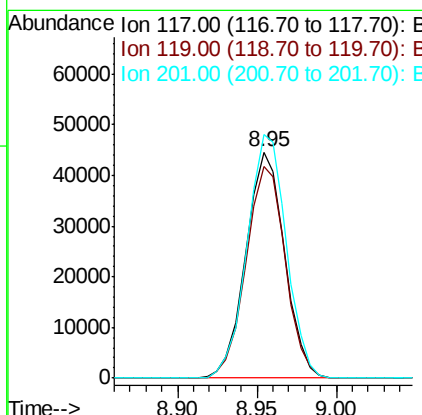
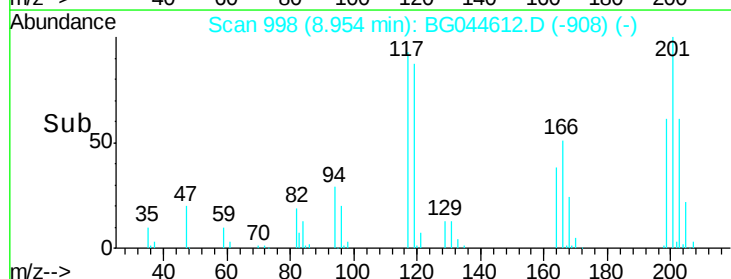
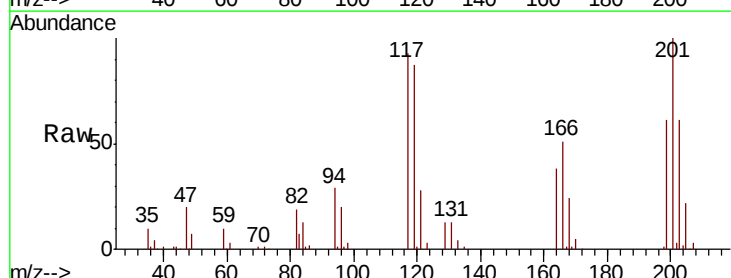
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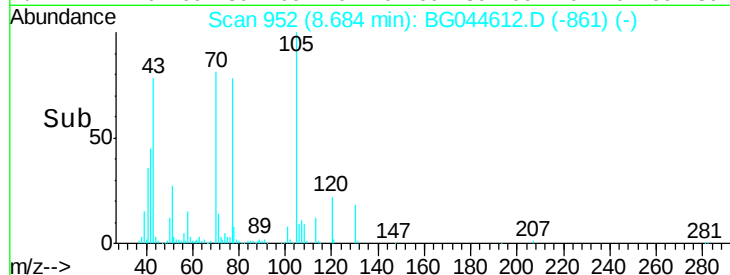
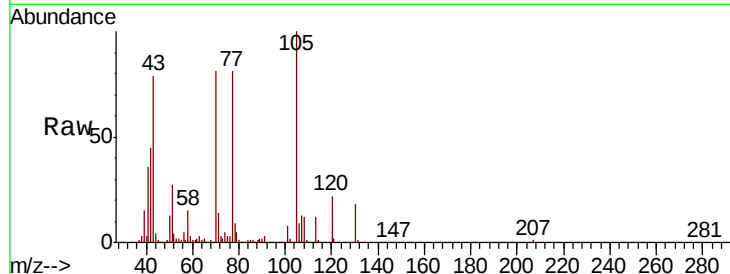
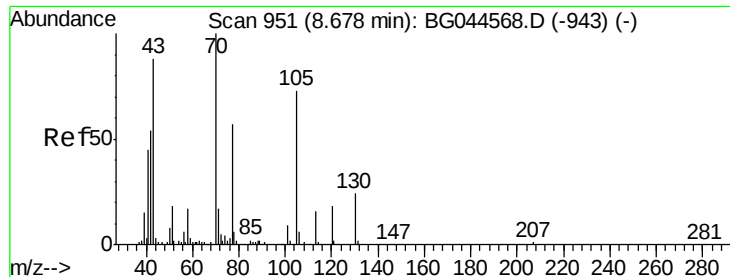
mohammad
2/27/2020 4:59:00 PM



#18
Hexachloroethane
Concen: 42.949 ng
RT: 8.95 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.8	80.0	120.0	
201	107.8	90.5	135.7	





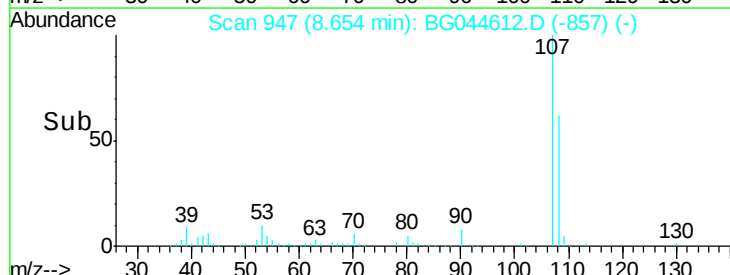
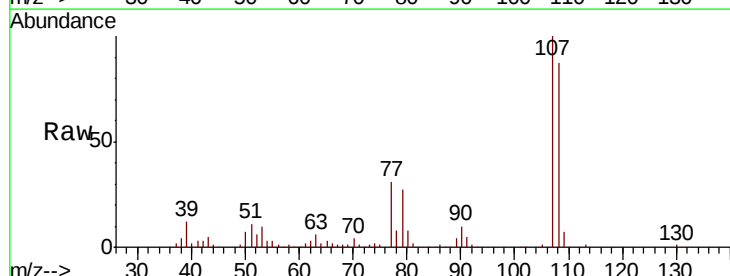
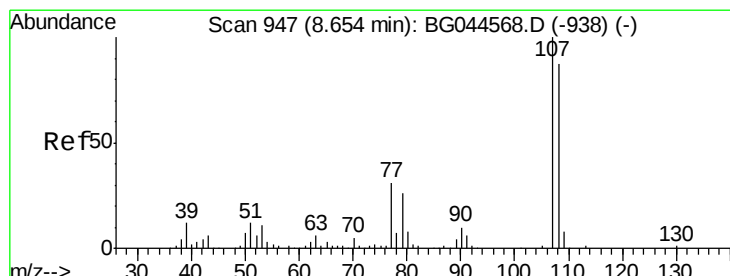
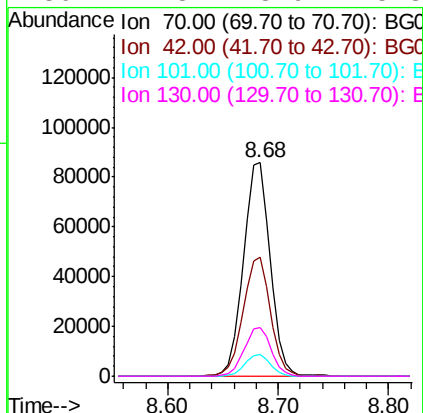
#19
n-Nitroso-di-n-propylamine
Concen: 45.066 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.7	43.4	65.0	
101	10.1	7.5	11.3	
130	22.8	18.9	28.3	

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

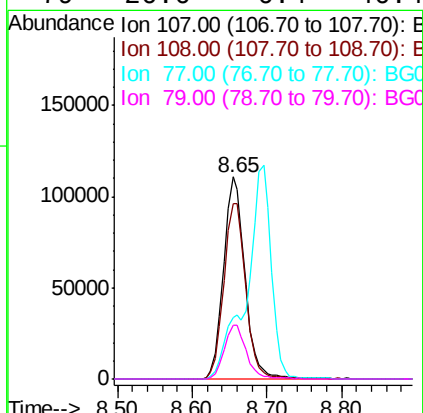
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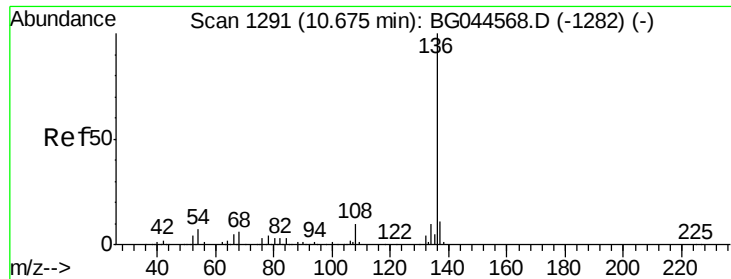
mohammad
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#20
3+4-Methylphenols
Concen: 46.232 ng
RT: 8.65 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.6	67.5	107.5	
77	30.6	11.3	51.3	
79	26.6	6.4	46.4	





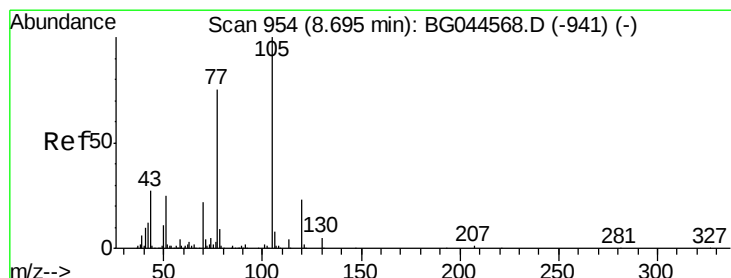
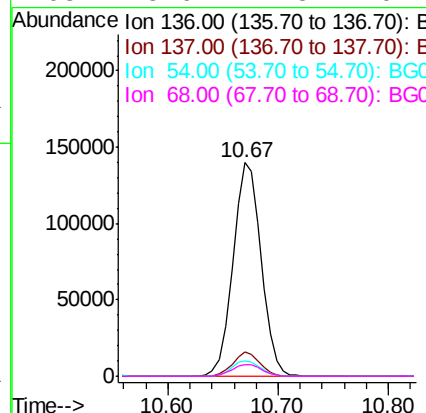
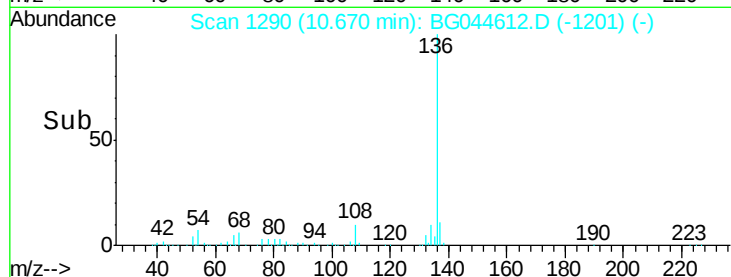
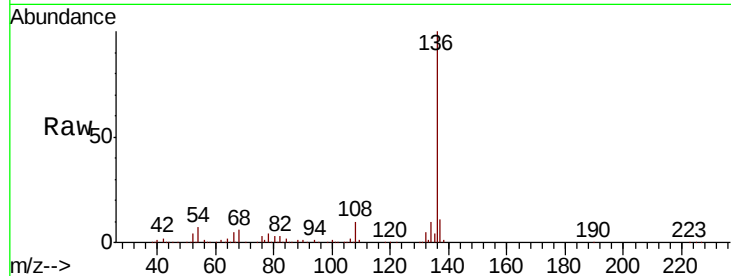
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	248804		
137	11.2	8.8	13.2	
54	7.3	5.7	8.5	
68	5.6	4.5	6.7	

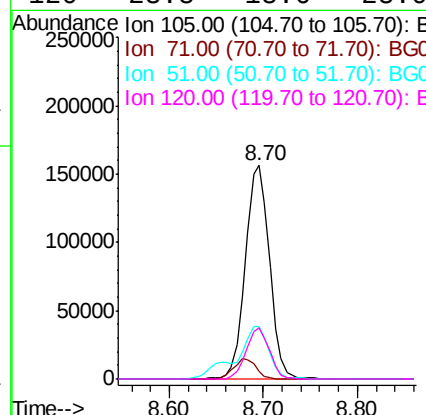
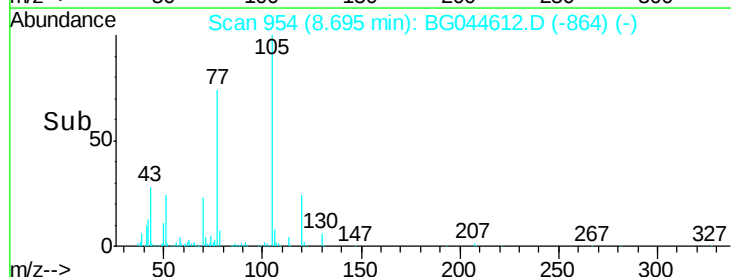
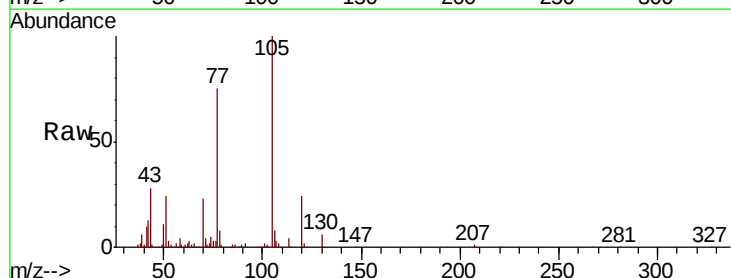
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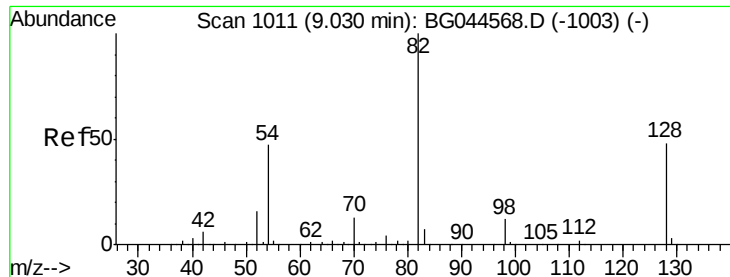
mohammad
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#22
Acetophenone
Concen: 44.415 ng
RT: 8.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	277448		
71	3.8	2.8	4.2	
51	24.4	19.9	29.9	
120	23.8	18.6	28.0	





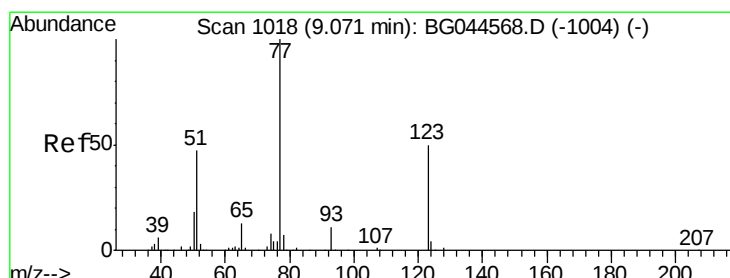
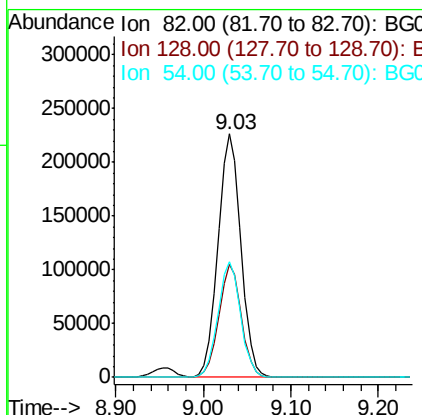
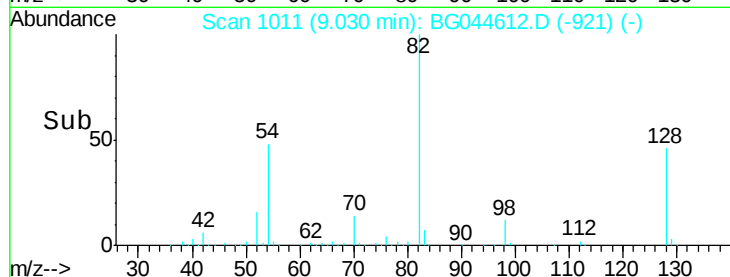
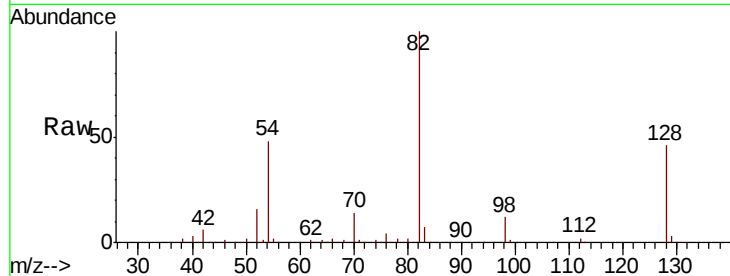
#23
 Nitrobenzene-d5
 Concen: 84.588 ng
 RT: 9.03 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	408512		
128	46.3		38.1	57.1
54	47.7		37.5	56.3

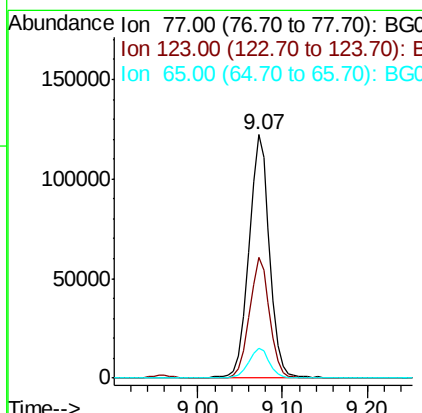
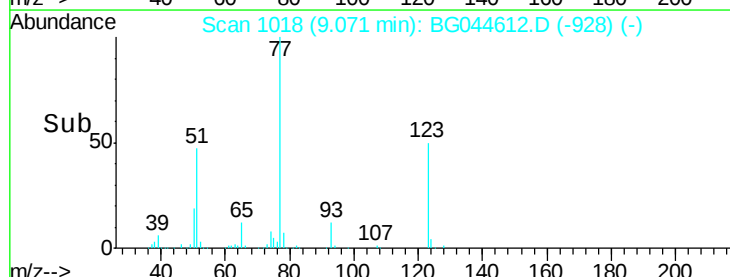
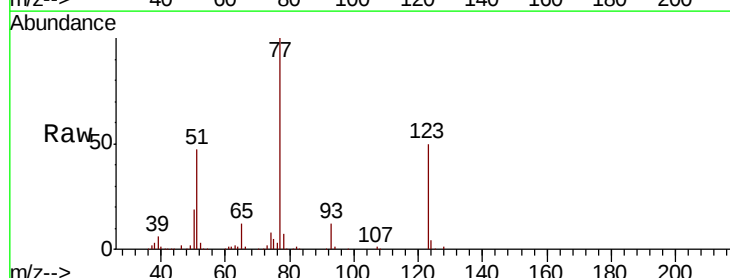
Manual Integrations
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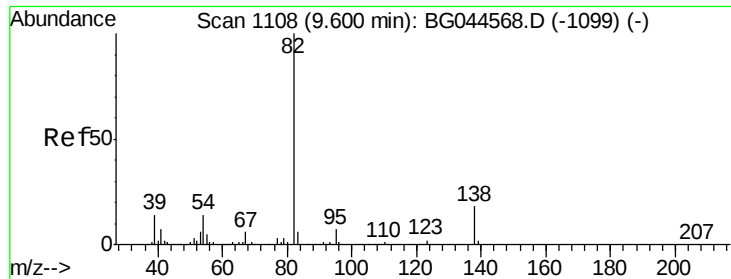
mohammad
 2/27/2020 4:59:00 PM



#24
 Nitrobenzene
 Concen: 44.402 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	207749		
123	49.8		40.1	60.1
65	12.5		10.4	15.6





#25

Isophorone

Concen: 45.160 ng

RT: 9.60 min Scan# 1108

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

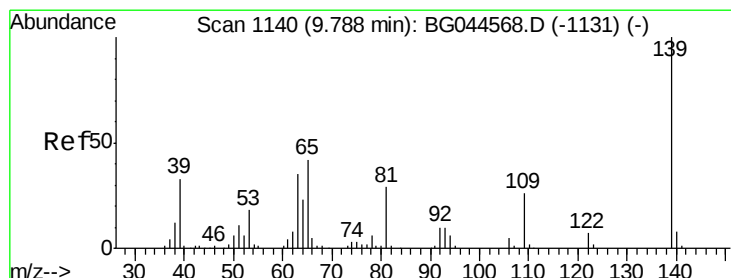
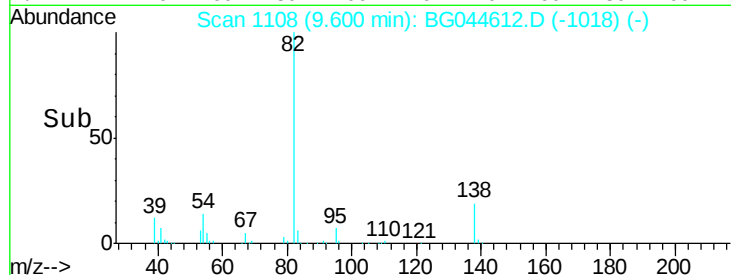
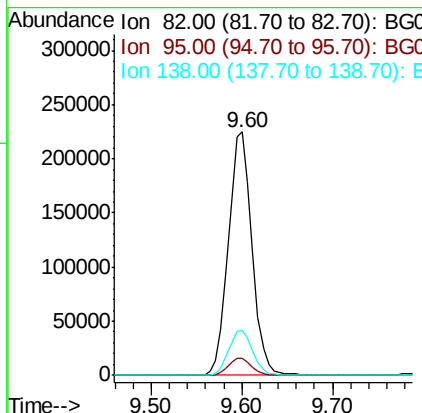
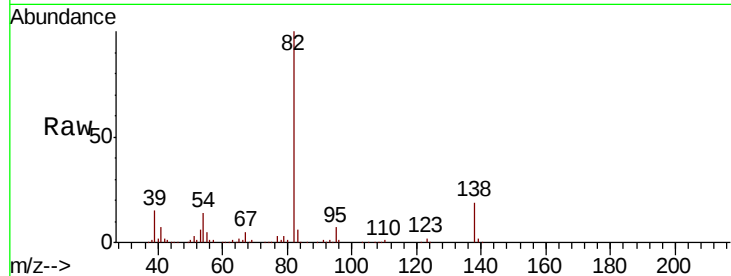
ClientSampleId :

OK-02-022420MS

Tot Ion:	82	Resp:	408000
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	18.8	14.7	22.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.504 ng

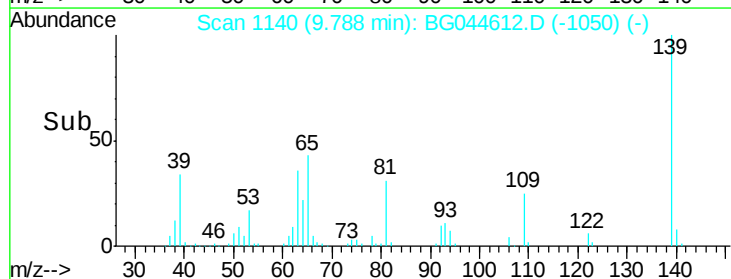
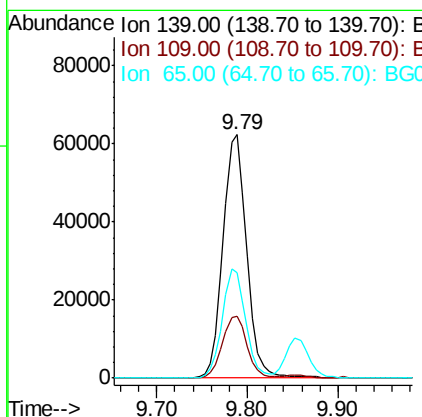
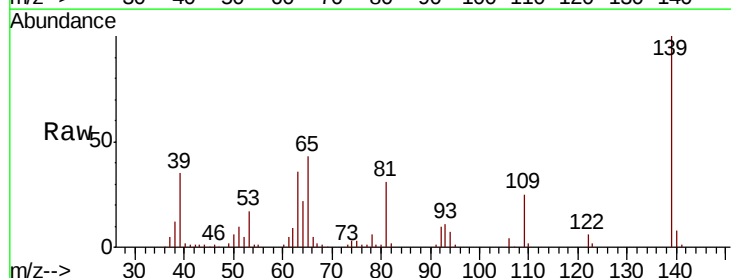
RT: 9.79 min Scan# 1140

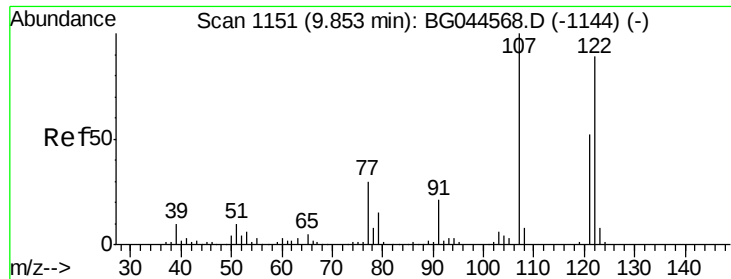
Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:	139	Resp:	112926
Ion Ratio	Lower	Upper	
139	100		
109	25.5	20.6	31.0
65	43.4	33.3	49.9





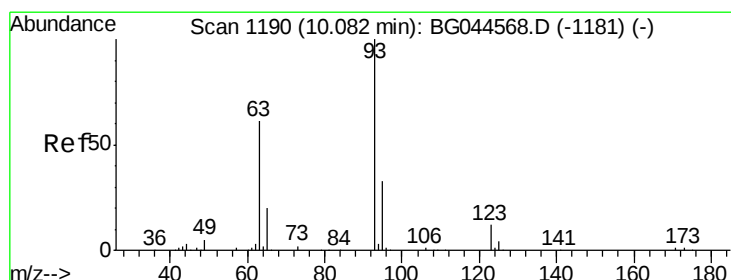
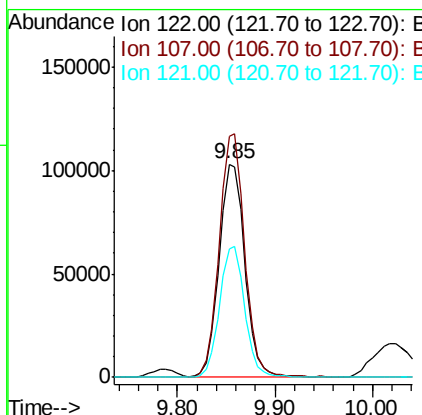
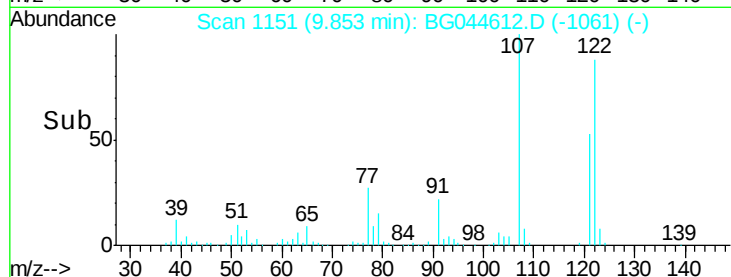
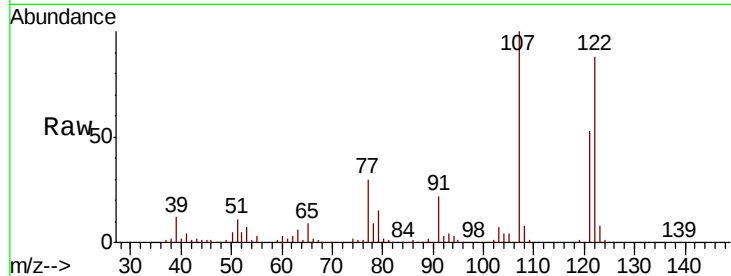
#27
 2,4-Dimethylphenol
 Concen: 52.759 ng
 RT: 9.85 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		187970		
107	113.1	89.4	134.0		
121	60.4	46.5	69.7		

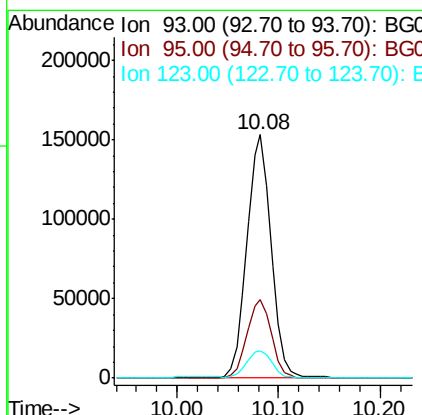
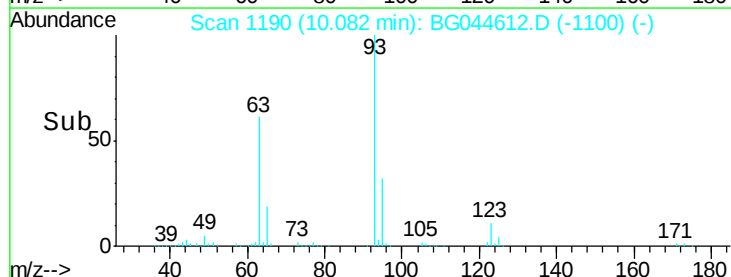
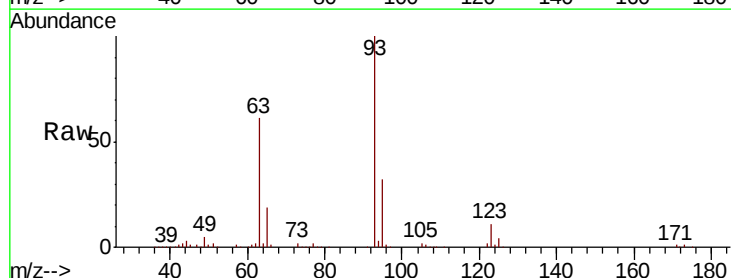
Manual Integrations
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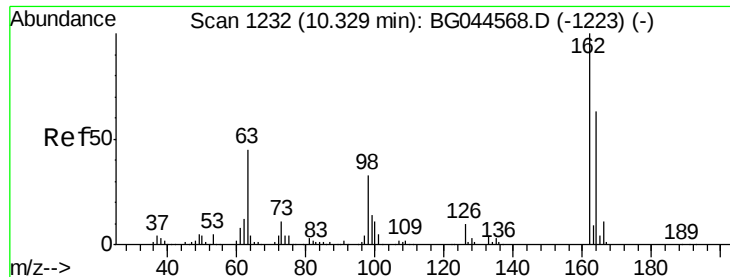
mohammad
 2/27/2020 4:59:00 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.522 ng
 RT: 10.08 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		254048		
95	32.3	26.5	39.7		
123	11.3	9.7	14.5		





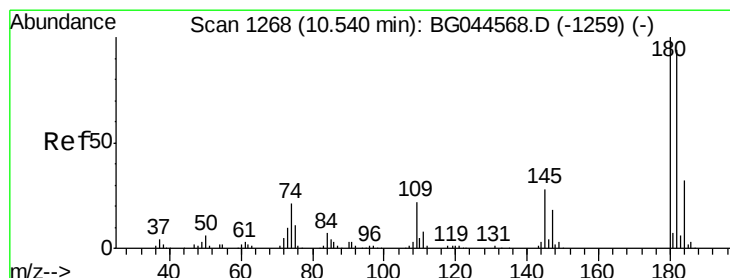
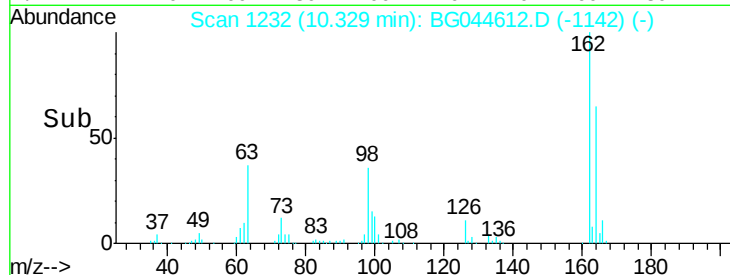
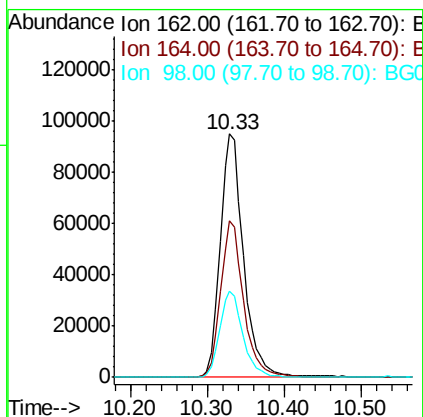
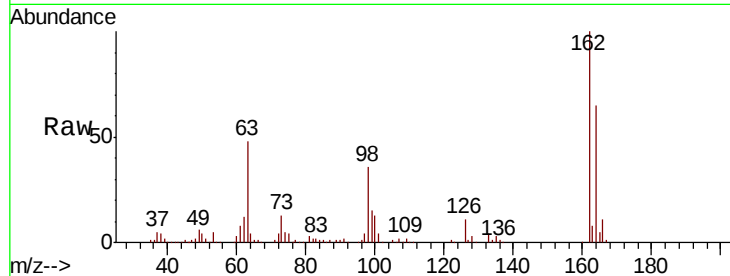
#29
 2,4-Dichlorophenol
 Concen: 46.741 ng
 RT: 10.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	162	Resp	199096
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.2	83.2
98	35.5	13.2	53.2

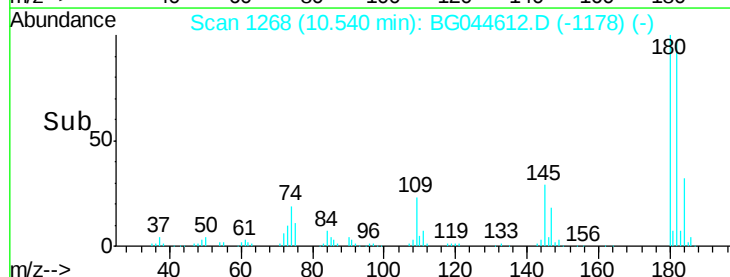
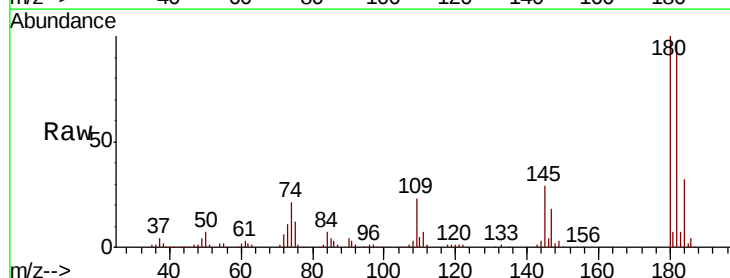
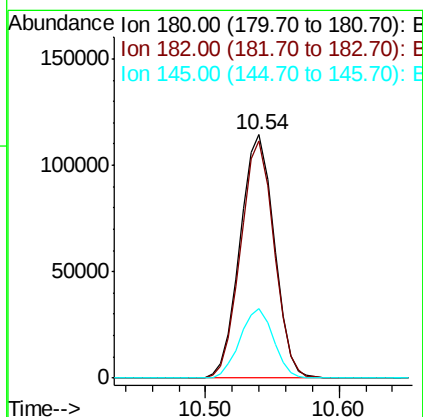
Manual Integrations
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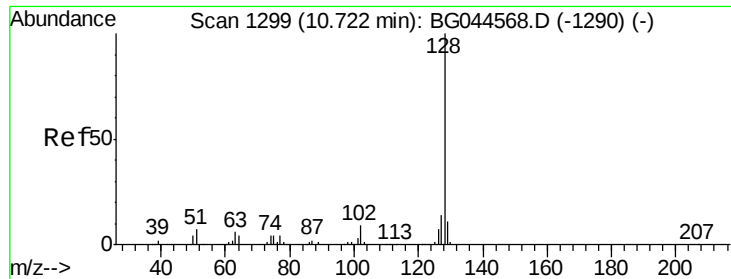
mohammad
 2/27/2020 4:59:00 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.064 ng
 RT: 10.54 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	180	Resp	202287
Ion Ratio	Lower	Upper	
180	100		
182	97.2	75.6	113.4
145	28.6	22.2	33.2





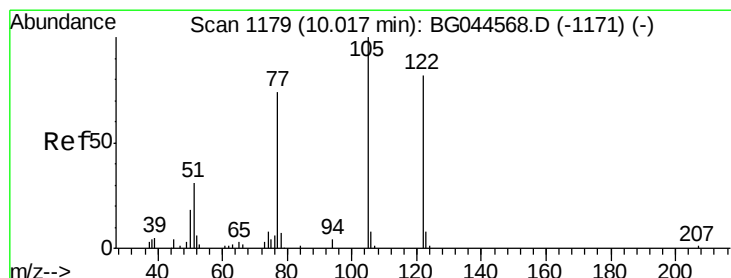
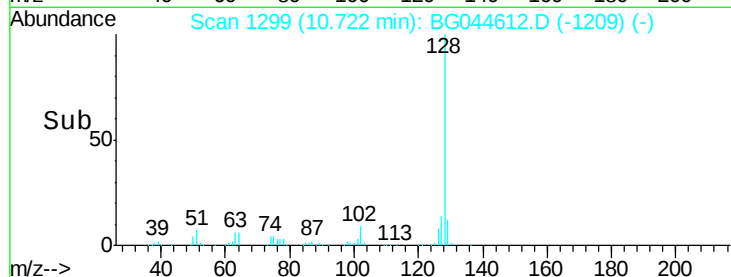
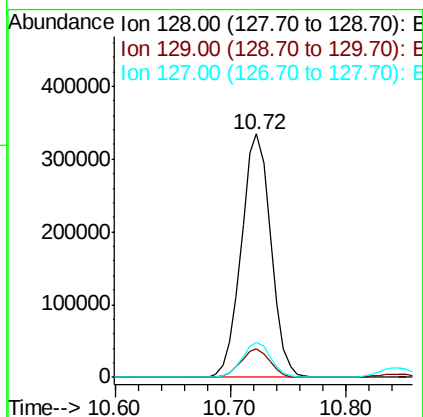
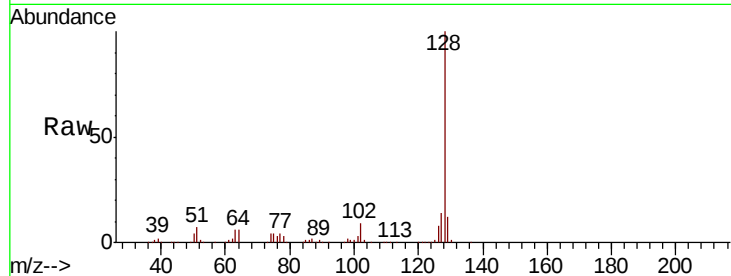
#31
Naphthalene
Concen: 43.752 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.1	11.0	16.4

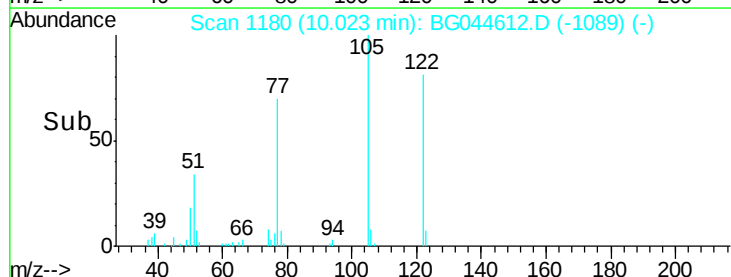
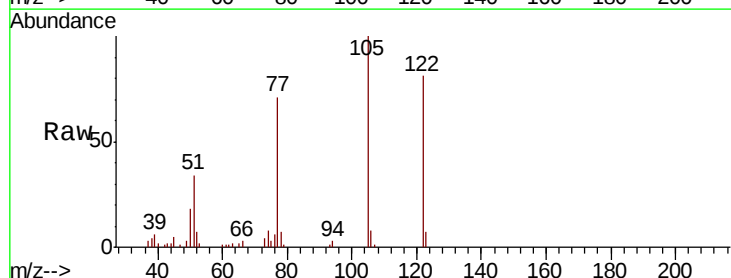
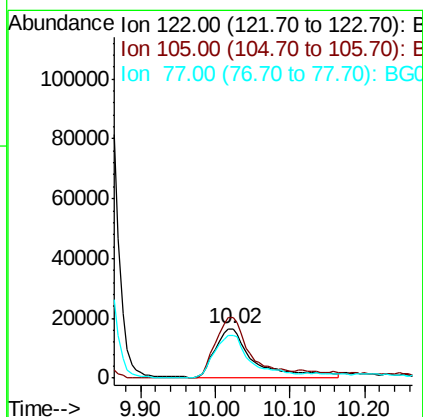
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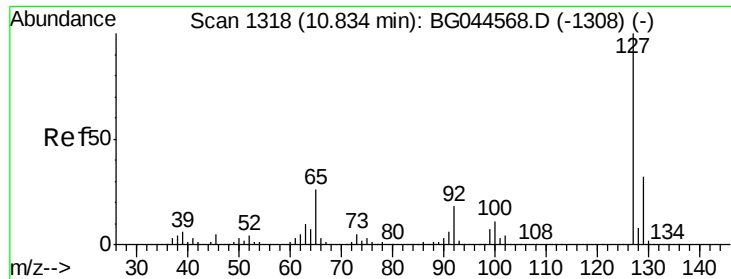
mohammad
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#32
Benzoic acid
Concen: 45.831 ng
RT: 10.02 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	101.4	141.4
77	87.9	69.8	109.8





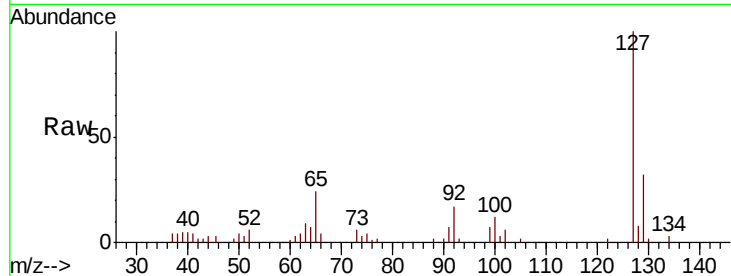
#33
4-Chloroaniline
Concen: 5.329 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

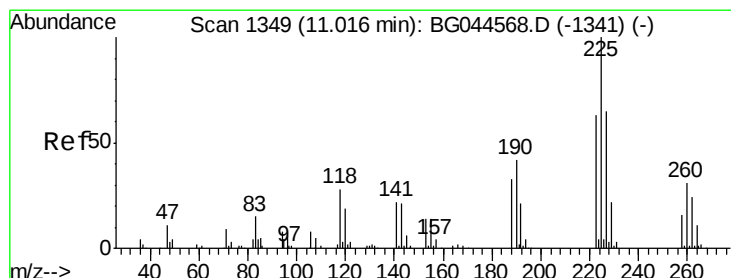
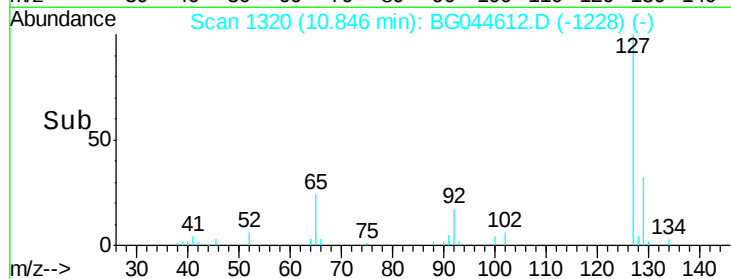
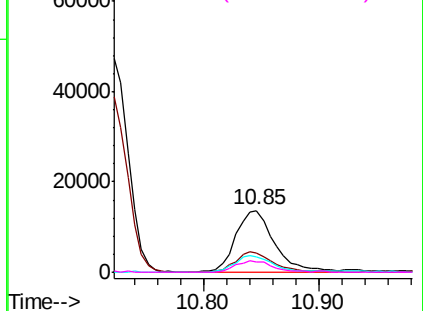
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	24.2	20.7	31.1
92	16.8	14.2	21.2

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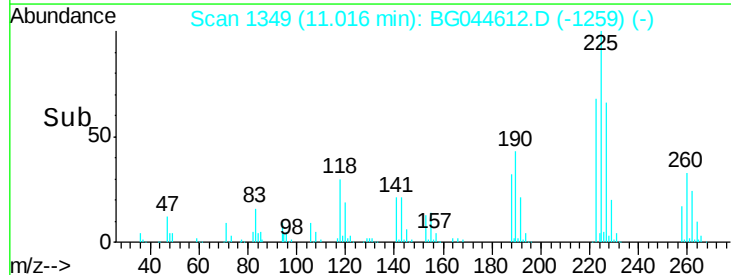
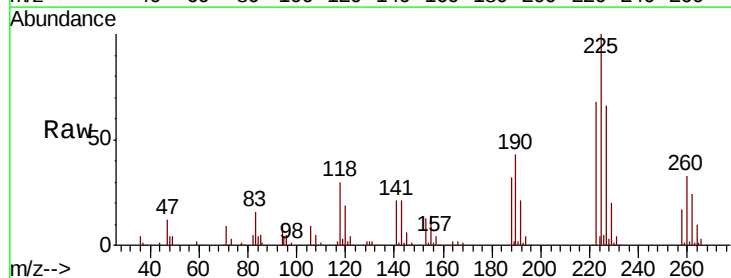
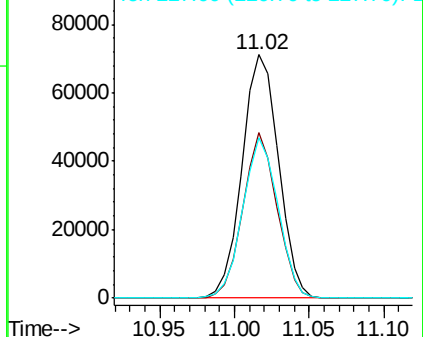
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

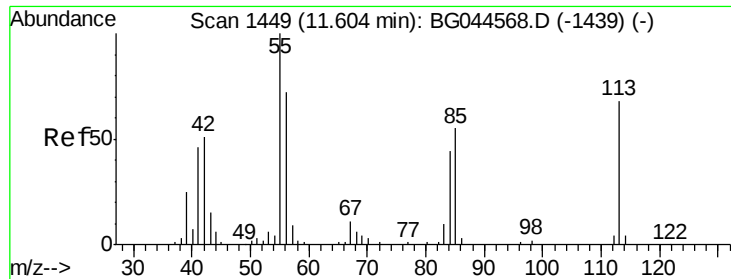


#34
Hexachlorobutadiene
Concen: 38.824 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.8	50.6	76.0
227	65.9	52.1	78.1

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





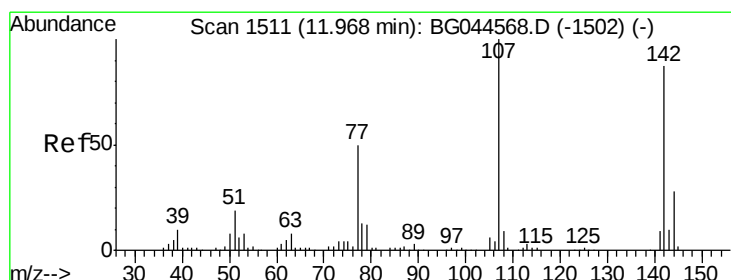
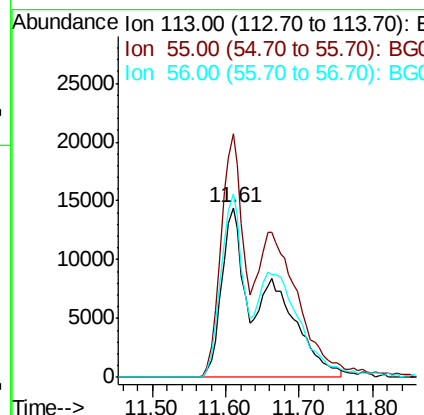
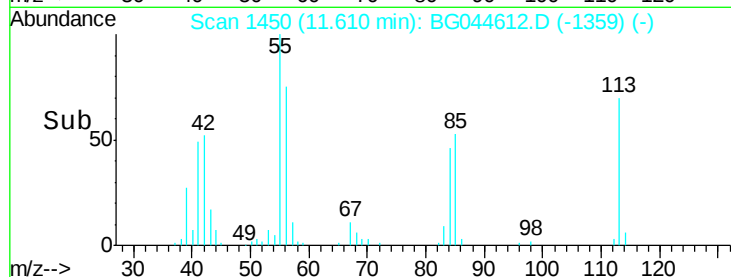
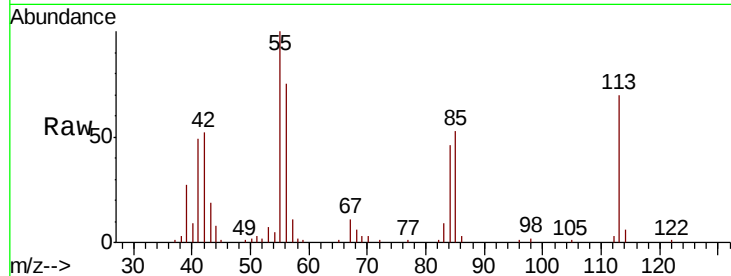
#35
 Caprolactam
 Concen: 39.106 ng/ml
 RT: 11.61 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.5	127.8	167.8
56	107.9	86.9	126.9

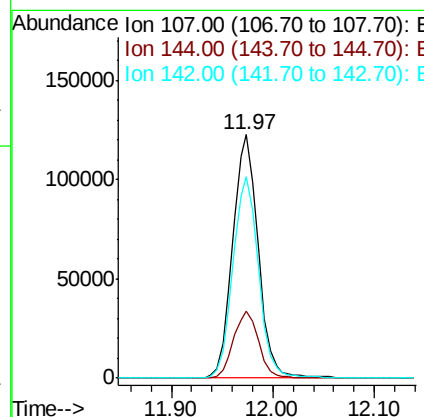
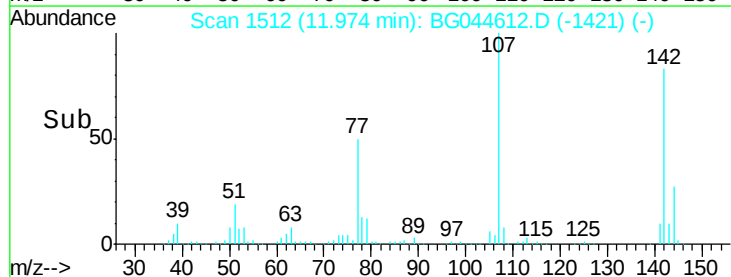
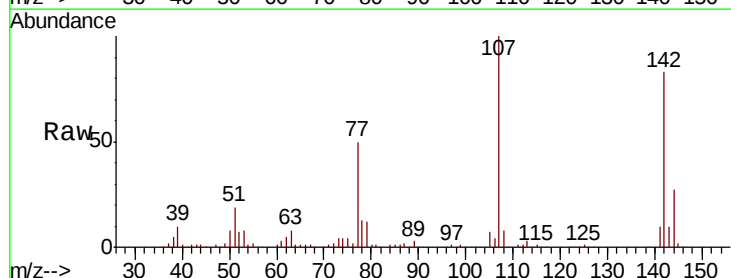
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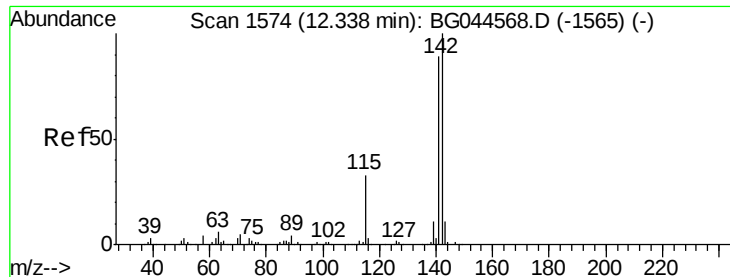
mohammad
 2/27/2020 4:59:00 PM



#36
 4-Chloro-3-methylphenol
 Concen: 48.768 ng
 RT: 11.97 min Scan# 1512
 Delta R.T. 0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	22.3	33.5
142	82.6	69.3	103.9





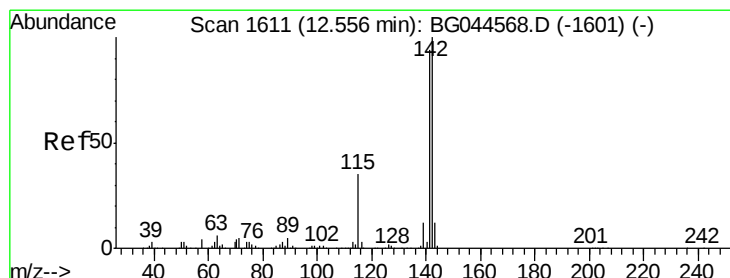
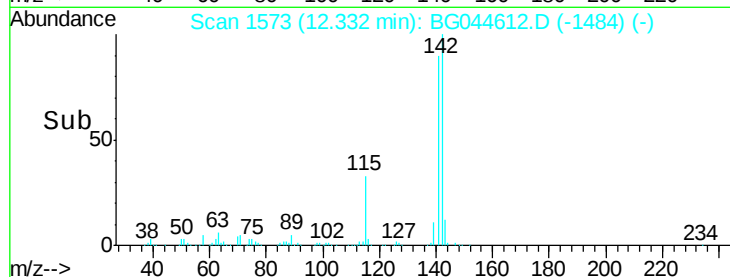
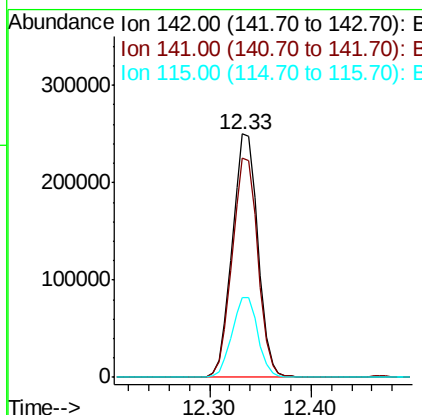
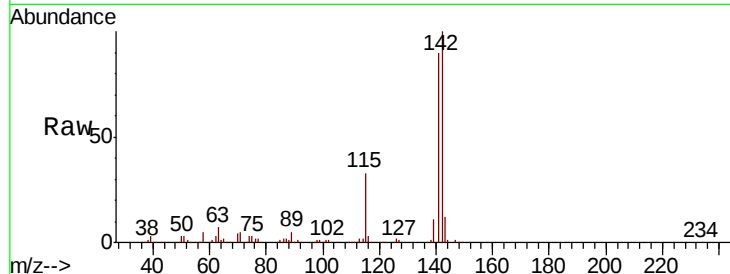
#37
2-Methylnaphthalene
Concen: 43.916 ng
RT: 12.33 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	33.0	26.2	39.2

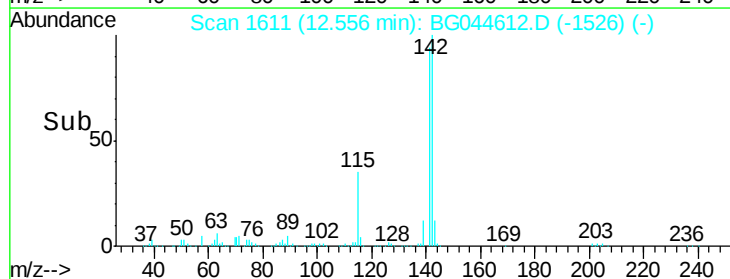
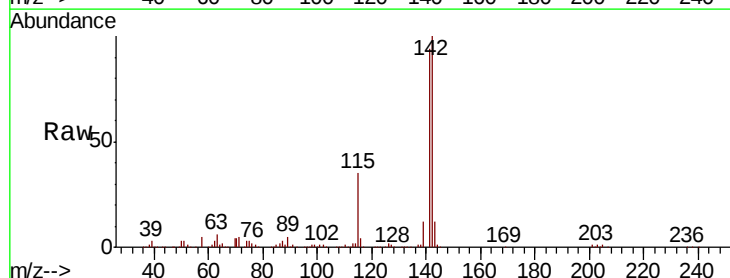
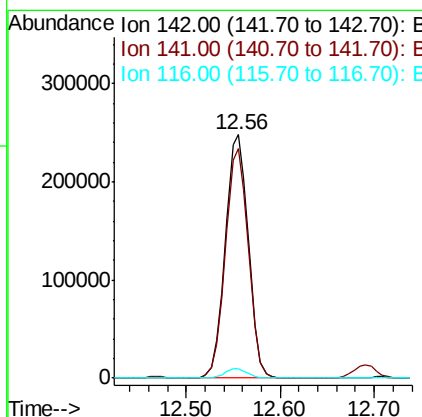
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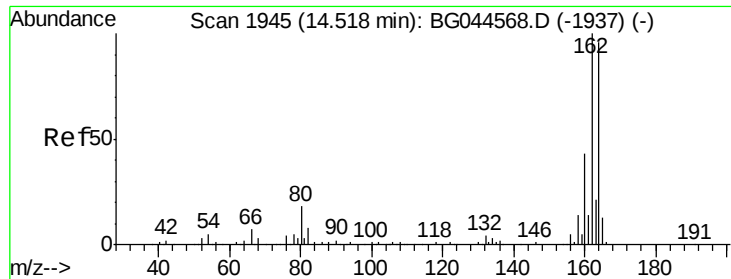
mohammad
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#38
1-Methylnaphthalene
Concen: 44.172 ng
RT: 12.56 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.1	112.7
116	3.8	2.6	4.0





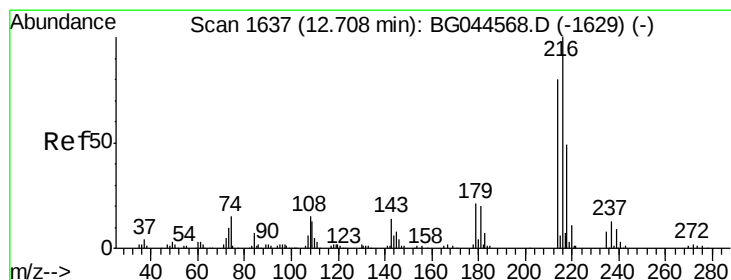
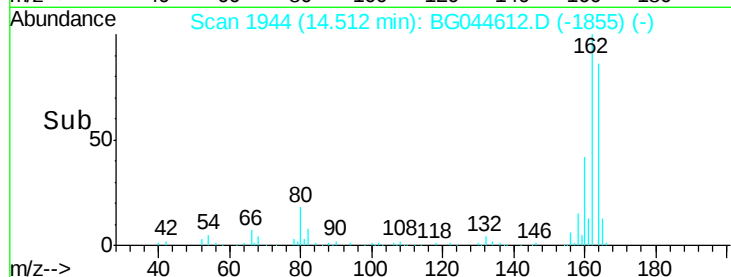
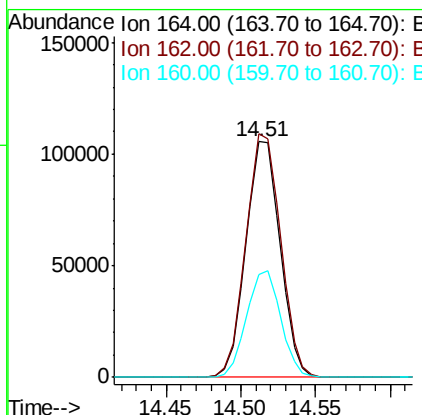
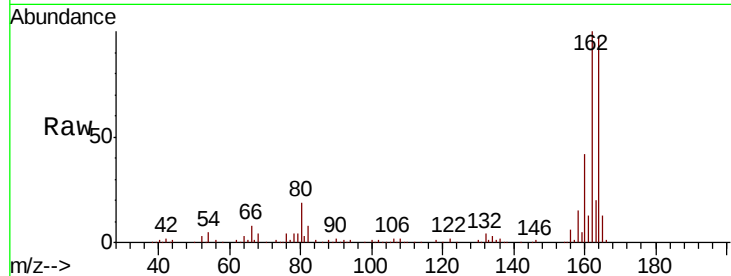
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.51 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.6	125.4
160	43.6	36.2	54.4

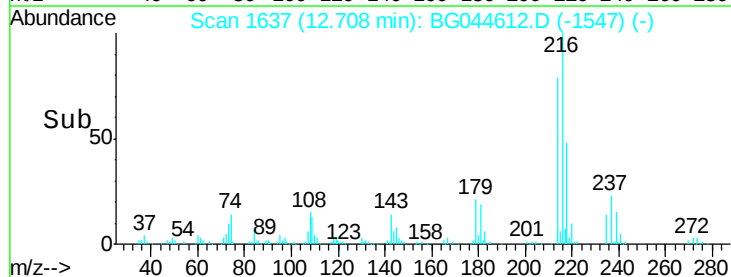
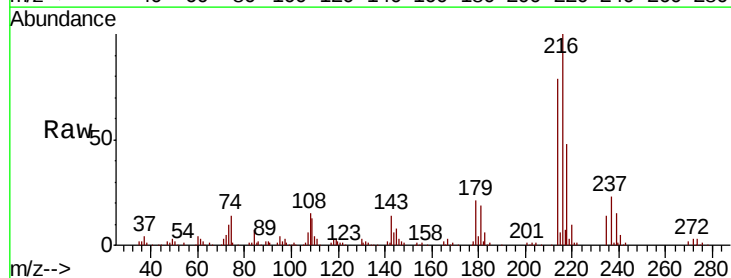
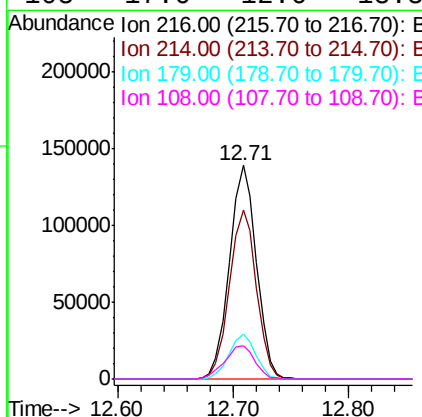
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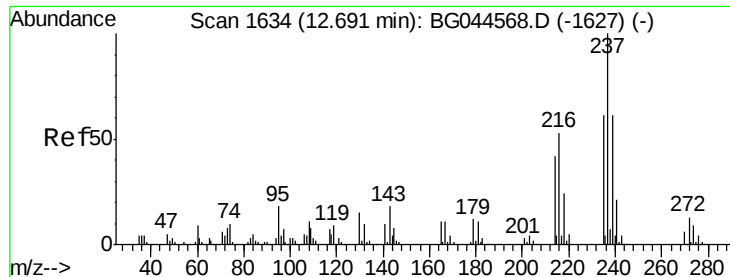
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.789 ng
RT: 12.71 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.3	94.9
179	20.5	16.2	24.2
108	17.6	12.6	18.8





#41

Hexachlorocyclopentadiene

Concen: 74.044 ng

RT: 12.69 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

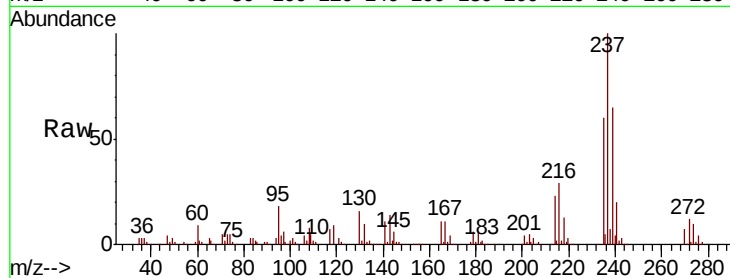
ClientSampleId :

OK-02-022420MS

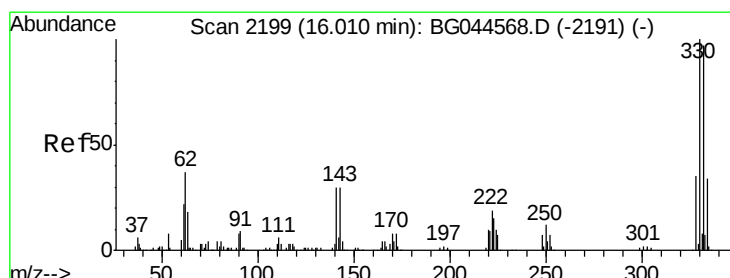
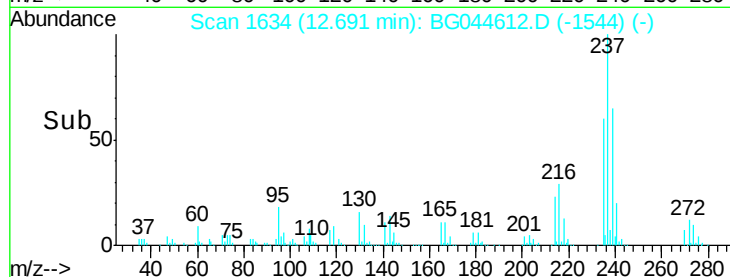
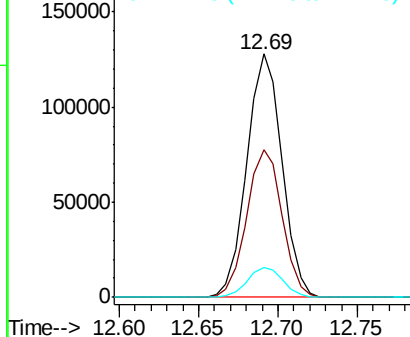
Tot Ion:	237	Resp:	196800
Ion Ratio	Lower	Upper	
237	100		
235	60.4	40.7	80.7
272	12.3	0.0	32.7

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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: 130.547 ng

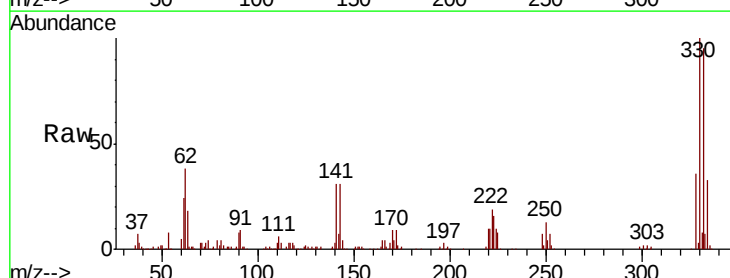
RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

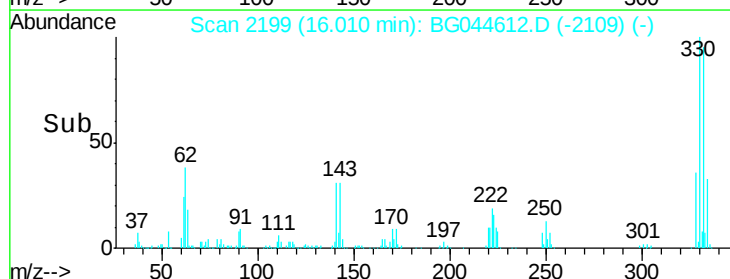
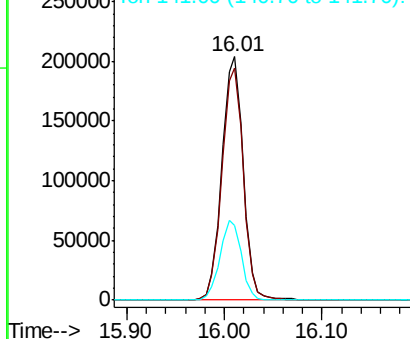
Lab File: BG044612.D

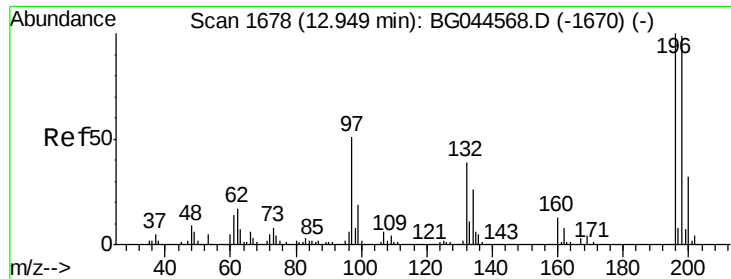
Acq: 26 Feb 2020 20:43

Tgt Ion:	330	Resp:	309614
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.4	116.0
141	33.0	26.1	39.1



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





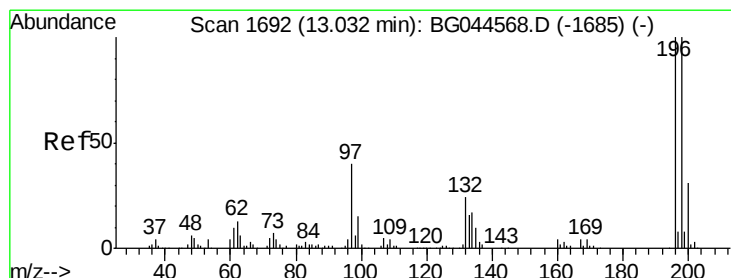
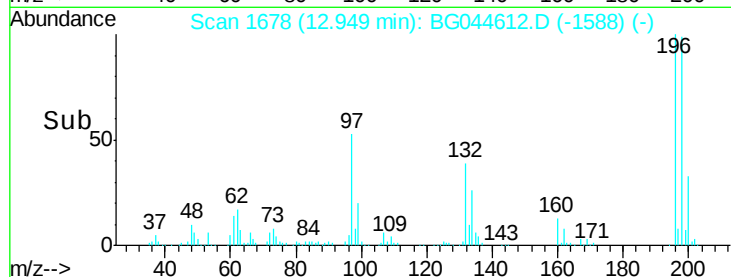
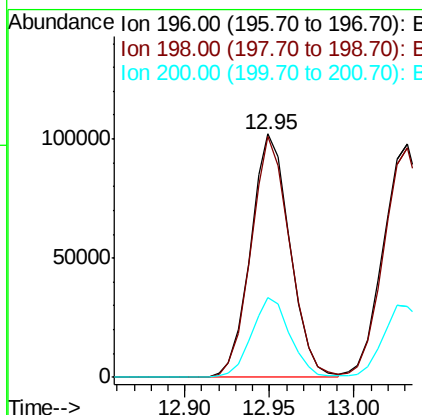
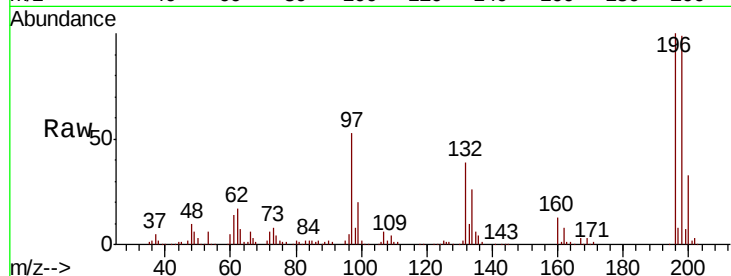
#43
 2,4,6-Trichlorophenol
 Concen: 44.938 ng
 RT: 12.95 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164303		
198	99.1	79.2	118.8	
200	32.8	25.7	38.5	

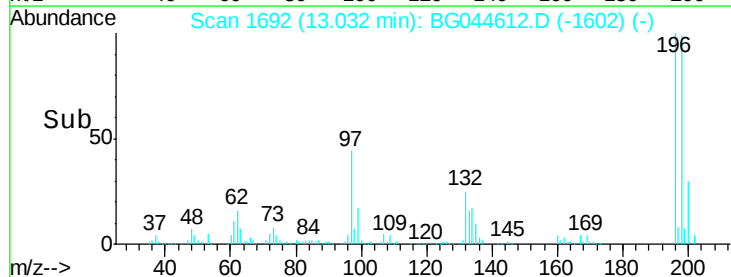
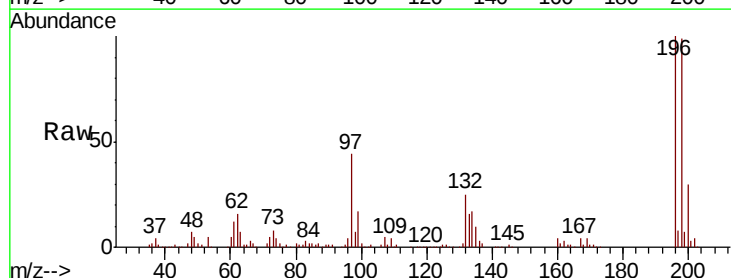
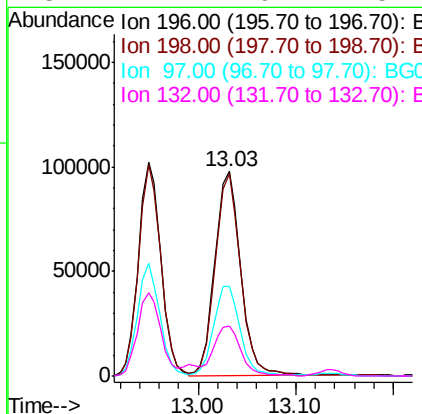
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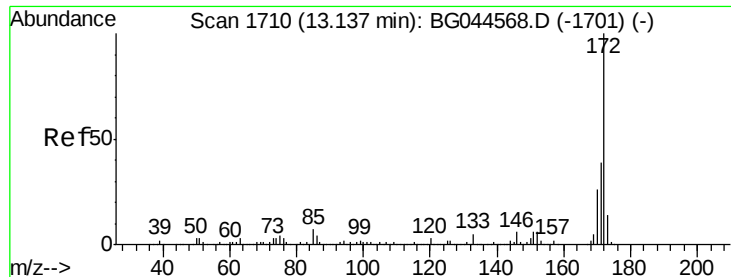
mohammad
 2/27/2020 4:59:00 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.729 ng
 RT: 13.03 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179261		
198	98.8	79.3	118.9	
97	43.9	32.3	48.5	
132	24.7	19.1	28.7	





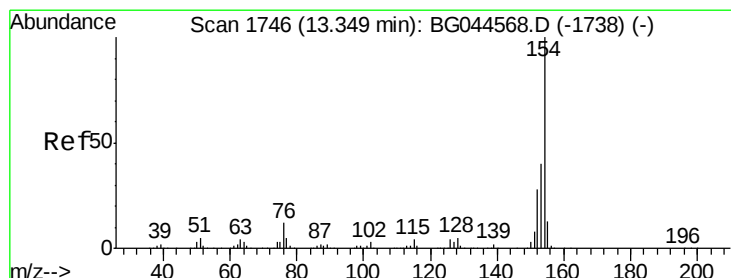
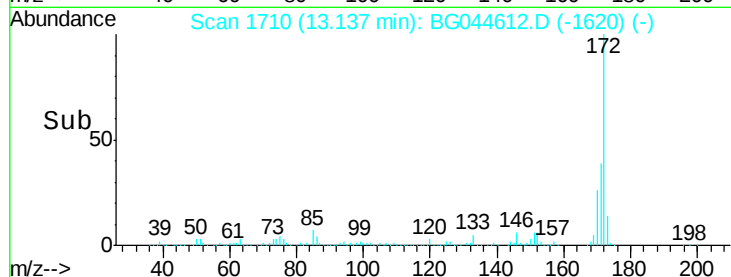
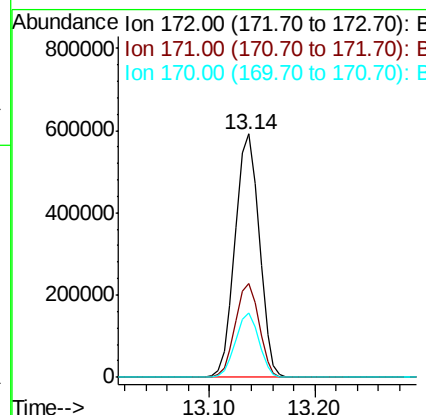
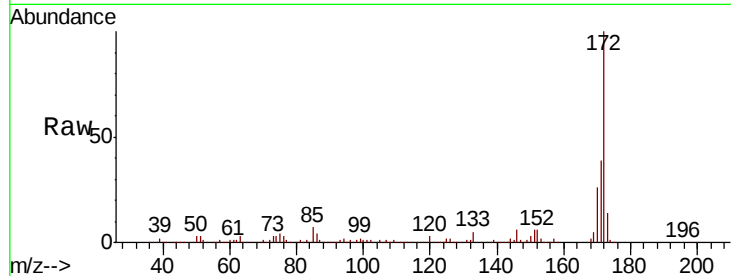
#45
2-Fluorobiphenyl
Concen: 80.027 ng
RT: 13.14 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	26.2	21.0	31.4

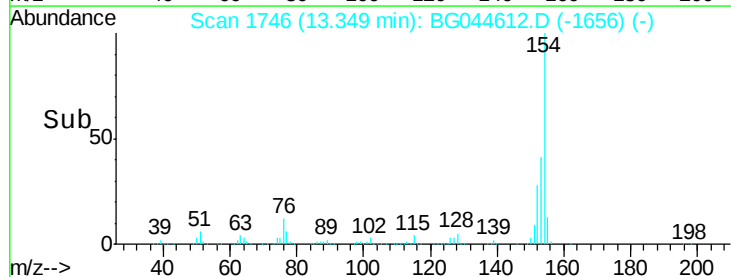
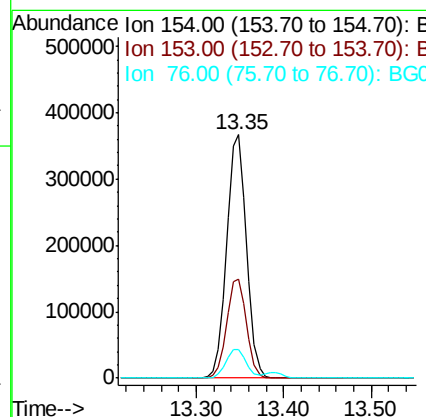
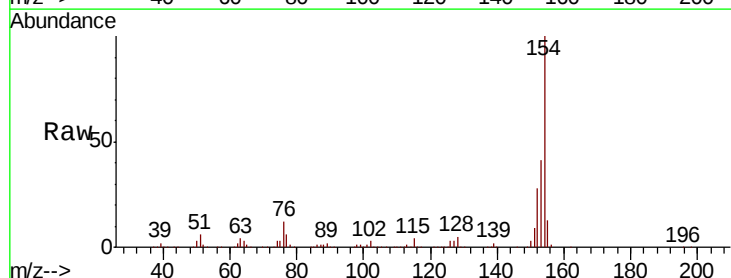
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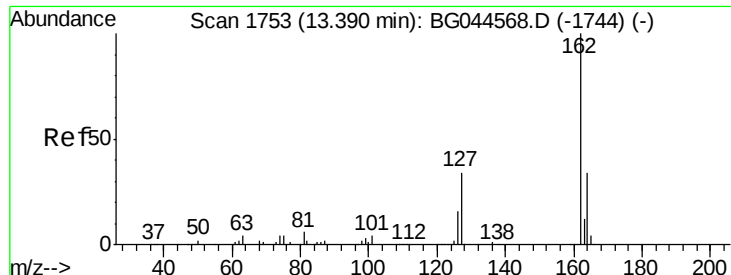
mohammad
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#46
1,1'-Biphenyl
Concen: 41.408 ng
RT: 13.35 min Scan# 1746
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.2	60.2
76	11.9	0.0	31.8





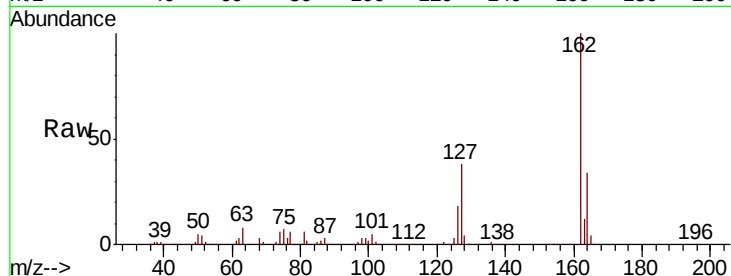
#47
2-Chloronaphthalene
Concen: 41.114 ng
RT: 13.39 min Scan# 1753
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.8	28.7	43.1
164	33.7	27.3	40.9

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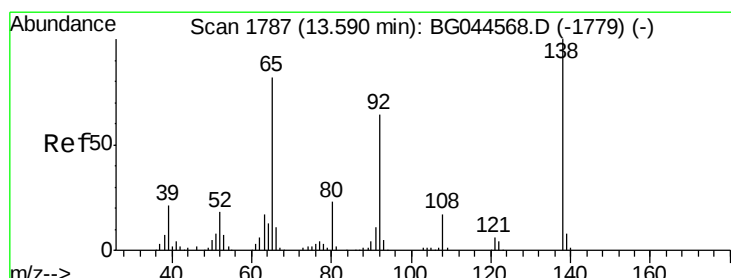
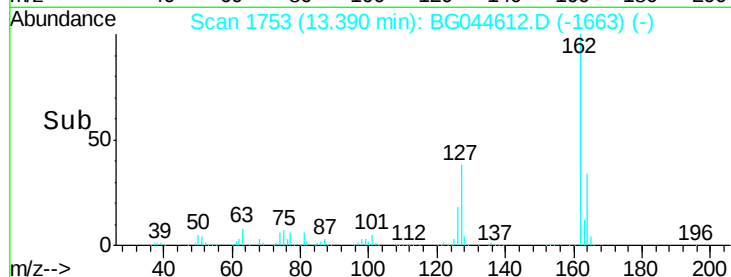
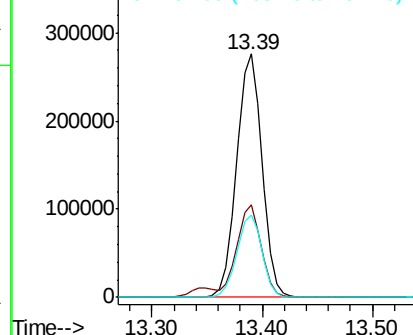


Abundance

Ion 162.00 (161.70 to 162.70): E

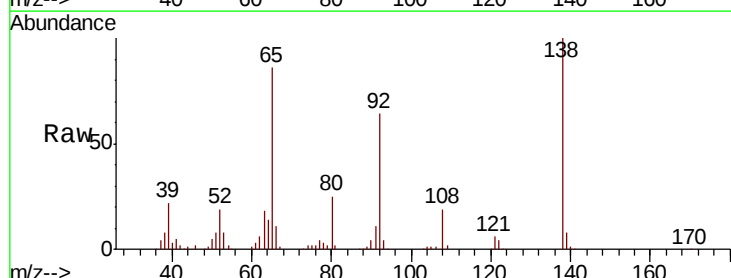
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.237 ng
RT: 13.59 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.4	62.2	93.2
138	116.1	97.6	146.4

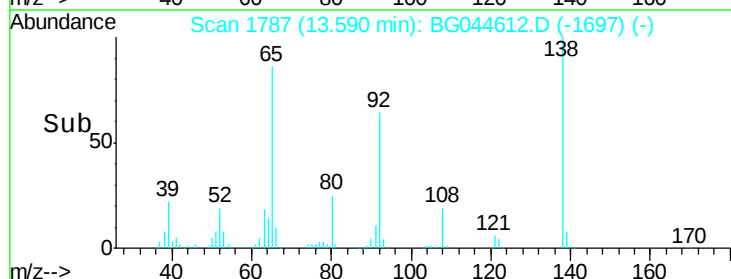
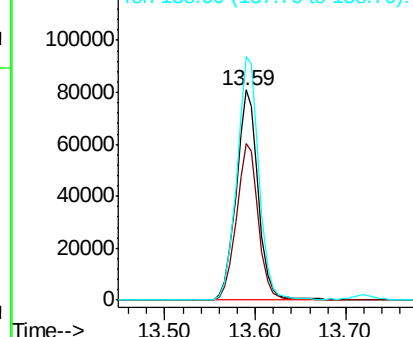


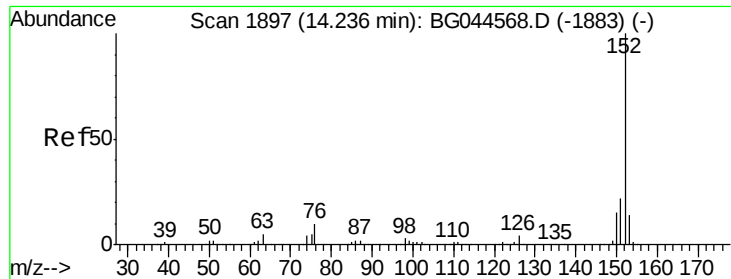
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.689 ng

RT: 14.24 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

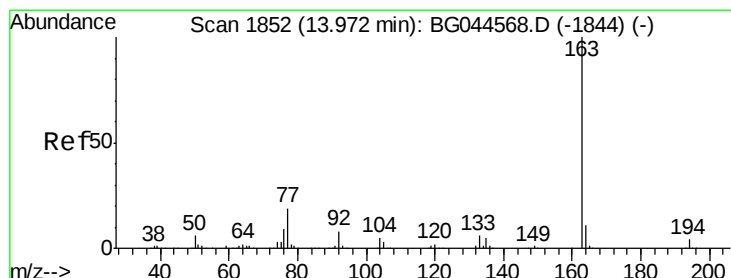
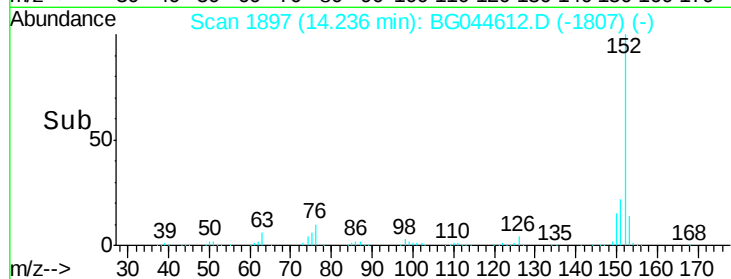
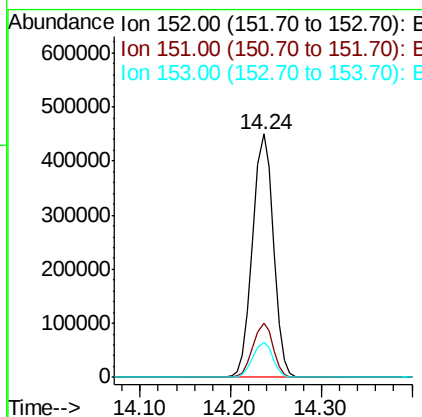
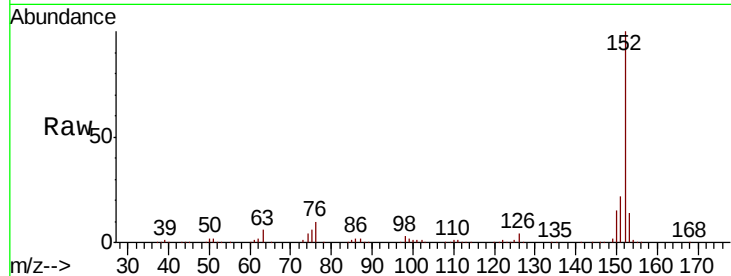
ClientSampleId :

OK-02-022420MS

Tot Ion:	152	Resp:	716017
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.7	26.5
153	14.3	11.3	16.9

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#50

Dimethylphthalate

Concen: 46.994 ng

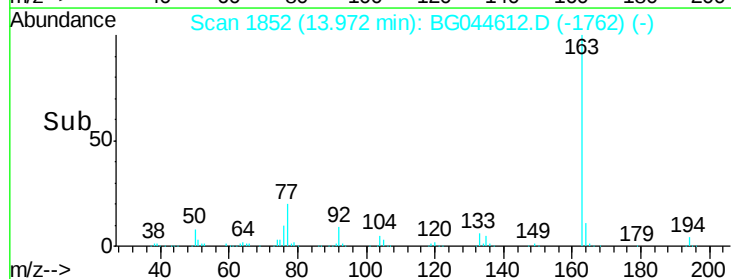
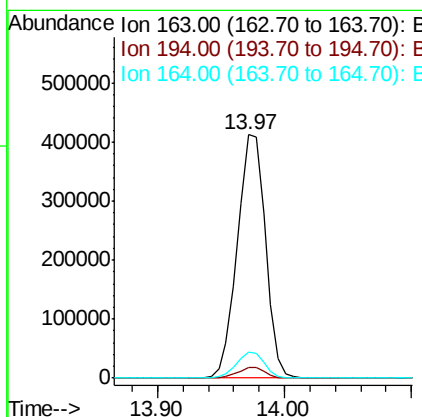
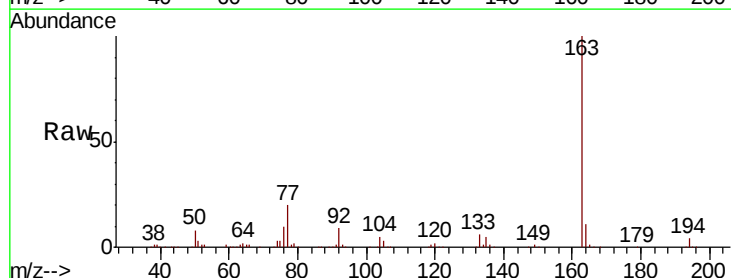
RT: 13.97 min Scan# 1852

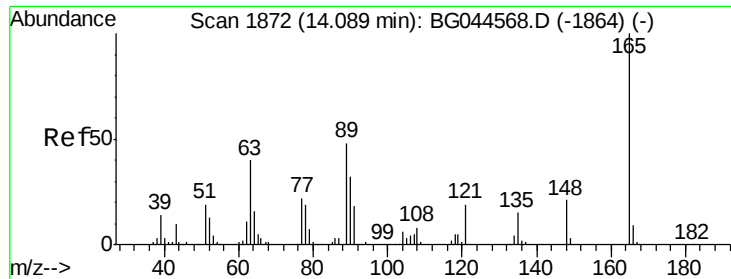
Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:	163	Resp:	634431
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.7	8.7	13.1





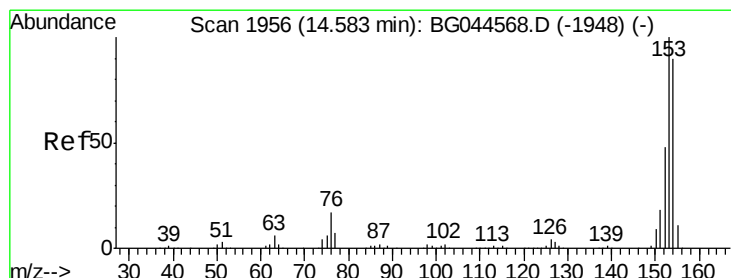
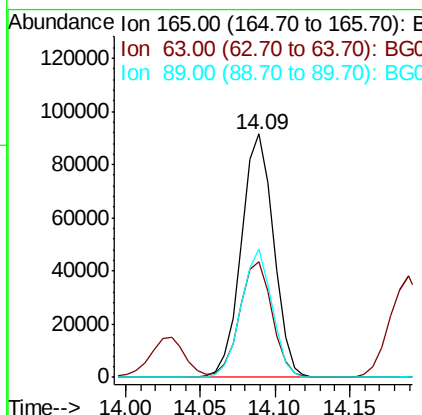
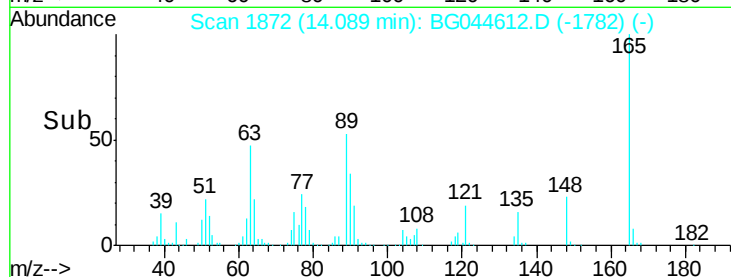
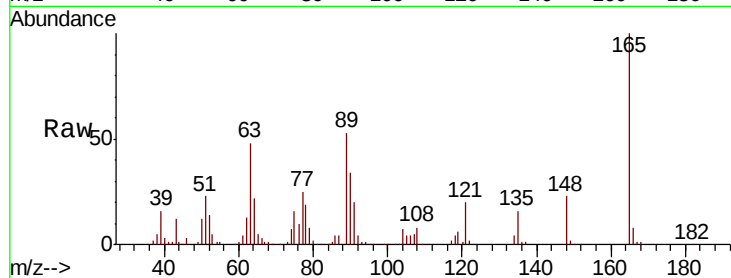
#51
 2,6-Dinitrotoluene
 Concen: 46.092 ng
 RT: 14.09 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.6	35.8	53.6
89	52.6	38.7	58.1

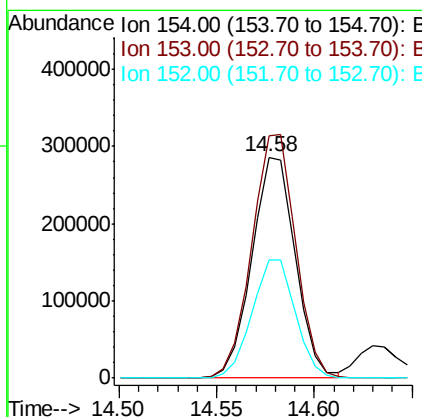
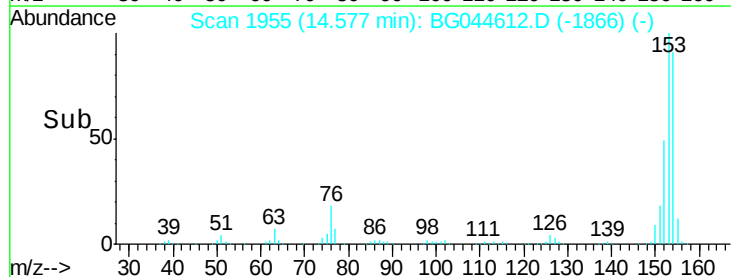
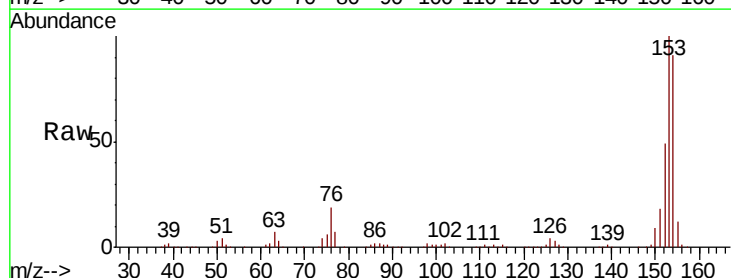
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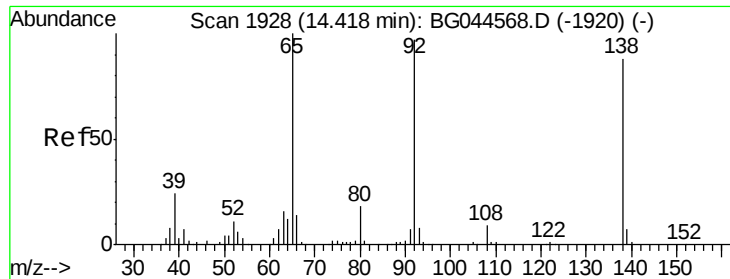
mohammad
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#52
 Acenaphthene
 Concen: 43.202 ng
 RT: 14.58 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.4	134.0
152	53.5	43.0	64.4





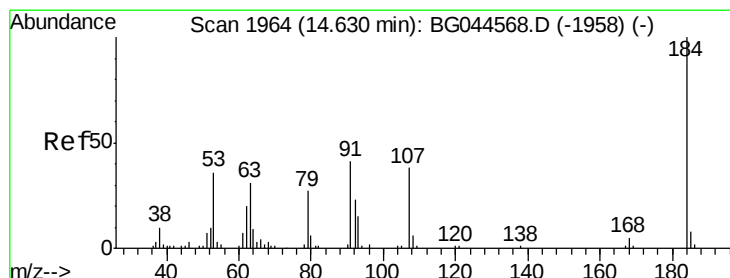
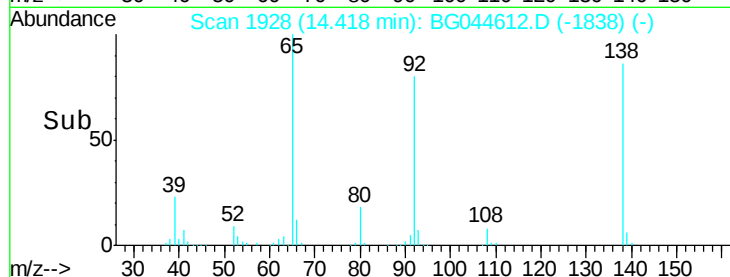
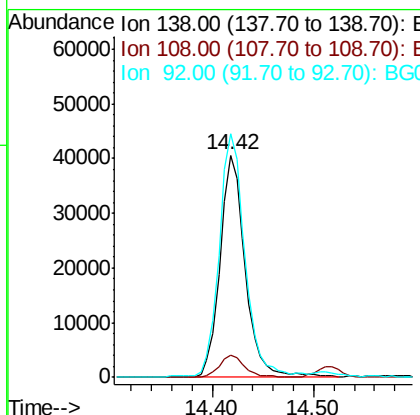
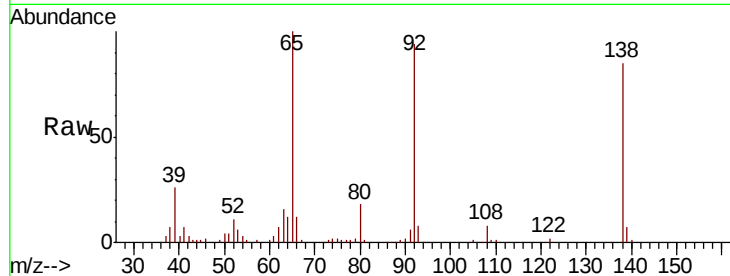
#53
3-Nitroaniline
Concen: 21.798 ng
RT: 14.42 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.9	11.9
92	109.5	87.4	131.2

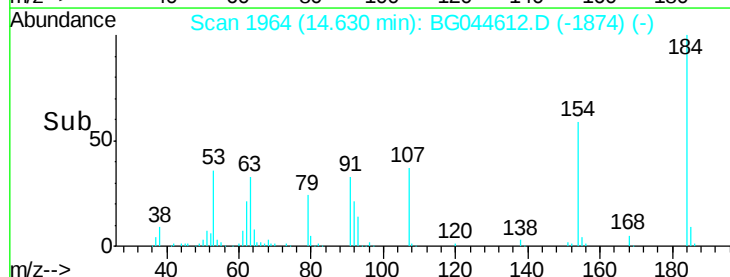
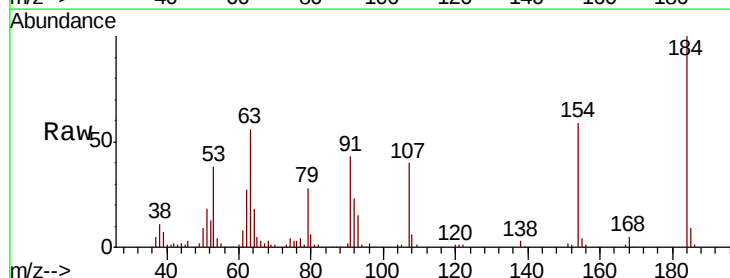
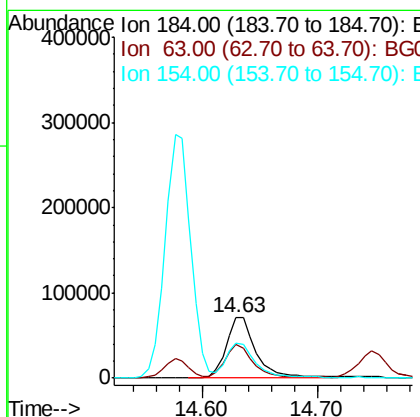
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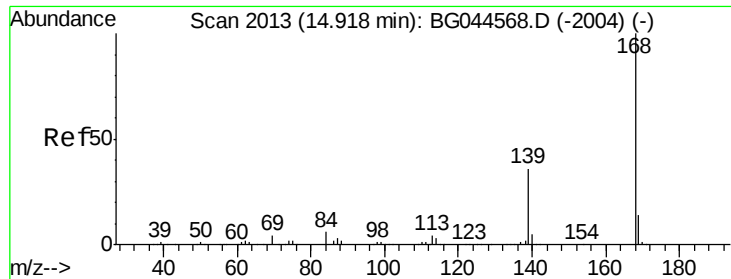
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#54
2,4-Dinitrophenol
Concen: 73.018 ng
RT: 14.63 min Scan# 1964
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.7	42.1	63.1
154	58.5	43.4	65.2





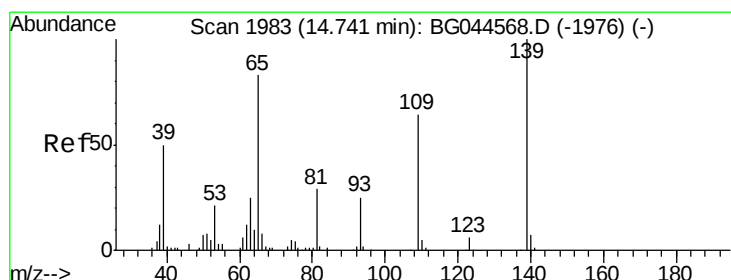
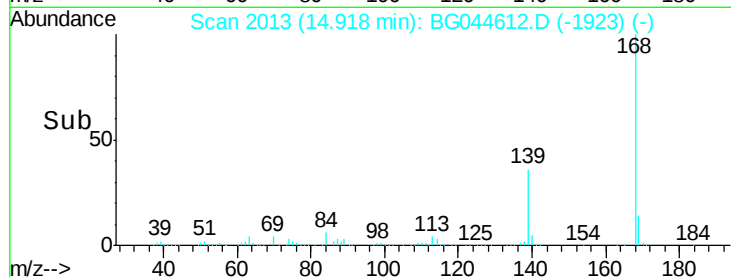
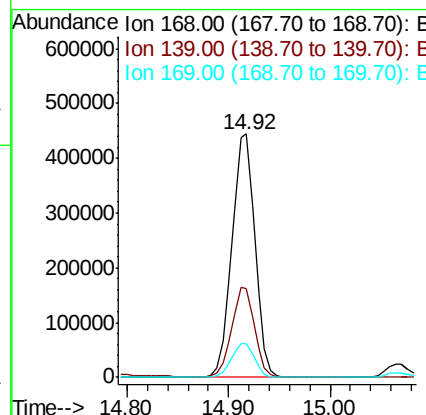
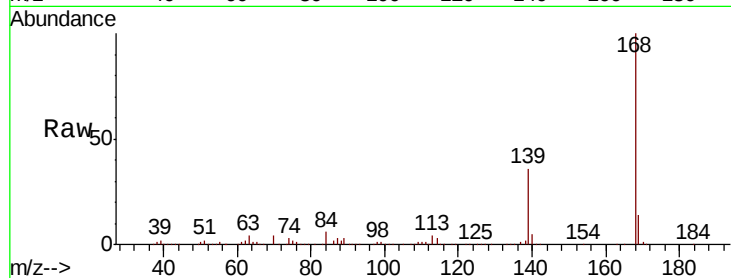
#55
Dibenzofuran
Concen: 44.707 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	29.2	43.8
169	14.1	11.0	16.6

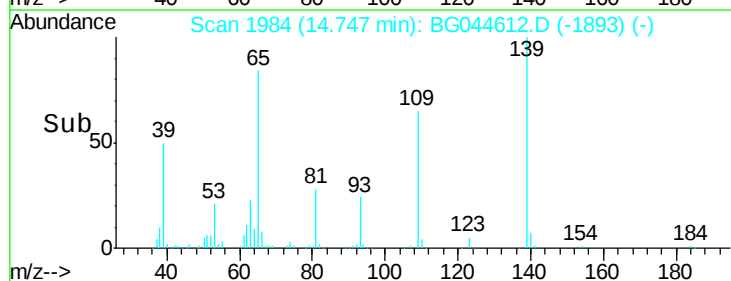
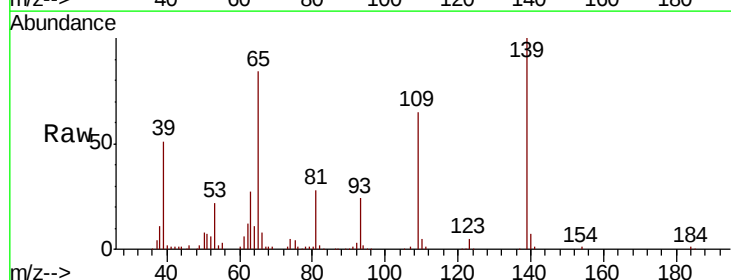
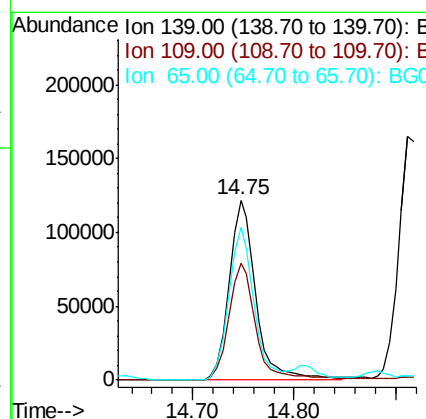
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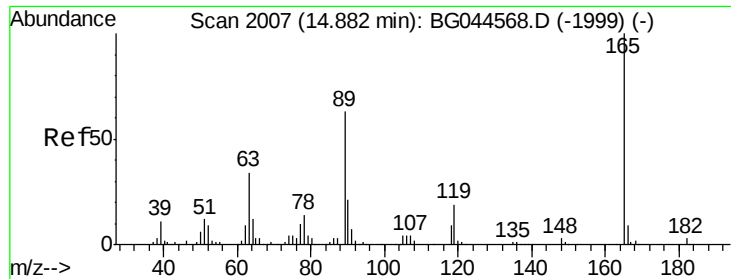
mohammad
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#56
4-Nitrophenol
Concen: 100.500 ng
RT: 14.75 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.2	43.8	83.8
65	84.4	63.6	103.6





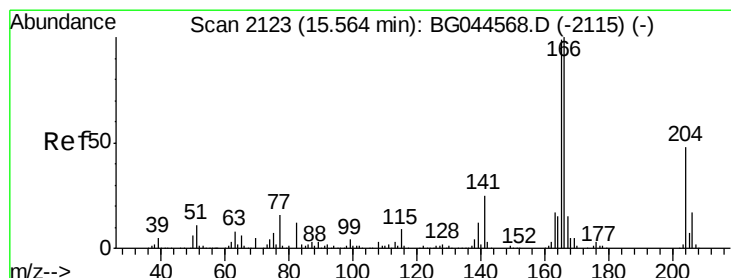
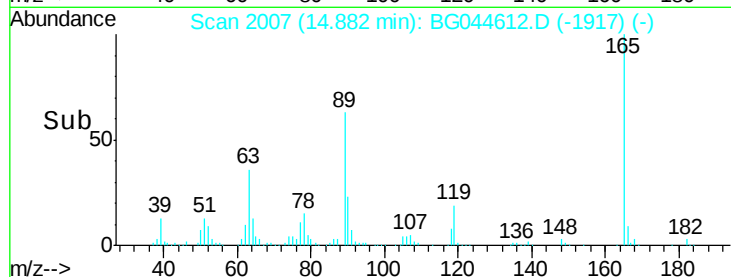
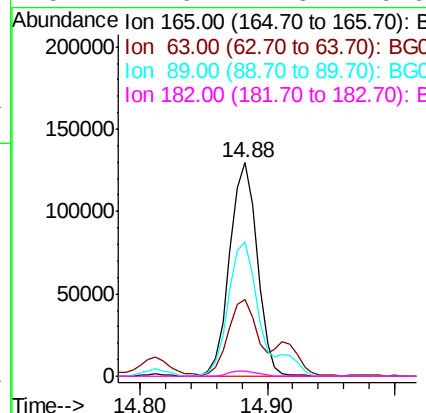
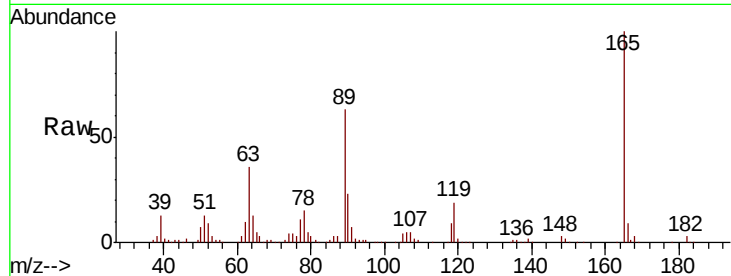
#57
 2,4-Dinitrotoluene
 Concen: 46.576 ng
 RT: 14.88 min Scan# 2007
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	194969		
63	36.1	27.5	41.3	
89	63.1	50.0	75.0	
182	2.6	2.3	3.5	

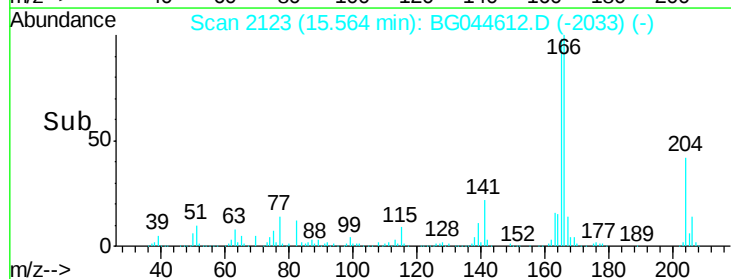
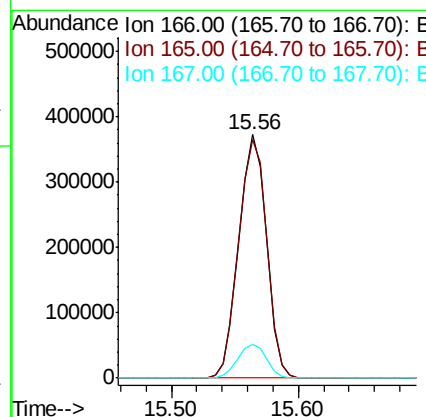
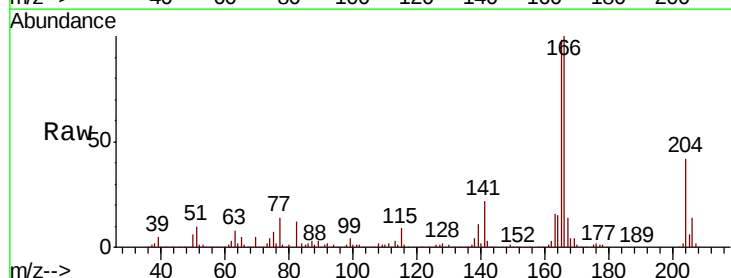
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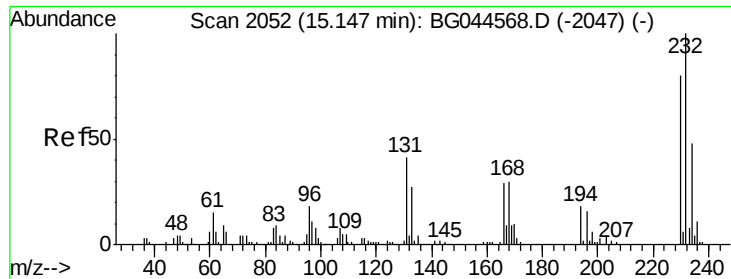
mohammad
 2/27/2020 4:59:00 PM



#58
 Fluorene
 Concen: 45.274 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	562058		
165	98.1	79.2	118.8	
167	13.8	11.7	17.5	





#59

2,3,4,6-Tetrachlorophenol

Concen: 48.907 ng

RT: 15.15 min Scan# 2052

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

OK-02-022420MS

Tot Ion:232 Resp: 169154
Ion Ratio Lower Upper

232 100

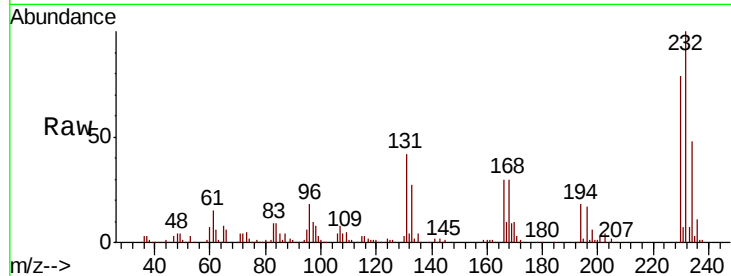
131 39.8 31.8 47.6

130 2.2 1.8 2.6

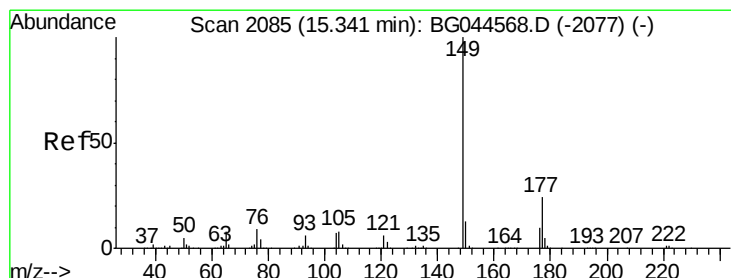
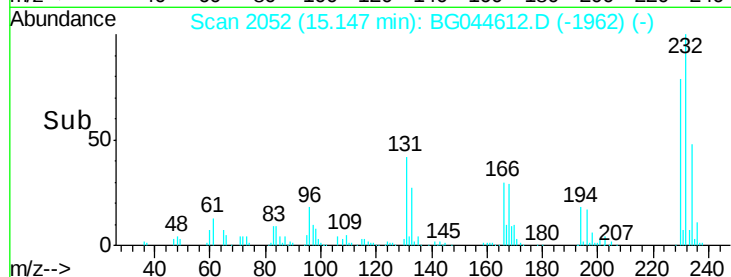
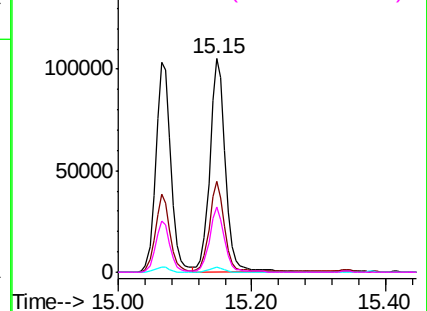
166 29.6 22.7 34.1

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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 45.593 ng

RT: 15.34 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG044612.D

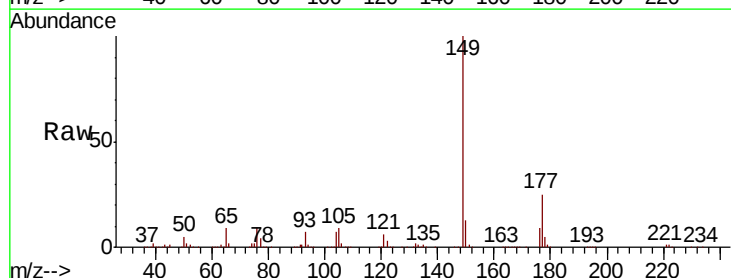
Acq: 26 Feb 2020 20:43

Tgt Ion:149 Resp: 609874
Ion Ratio Lower Upper

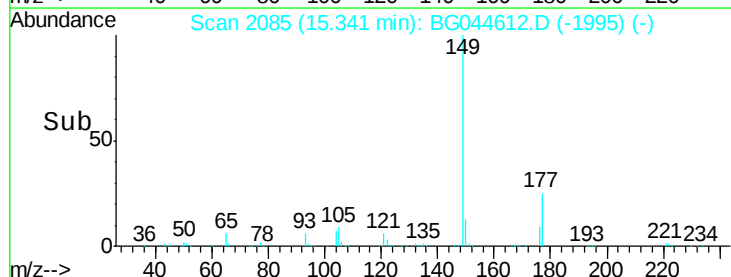
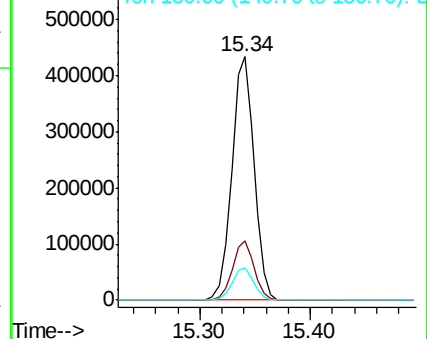
149 100

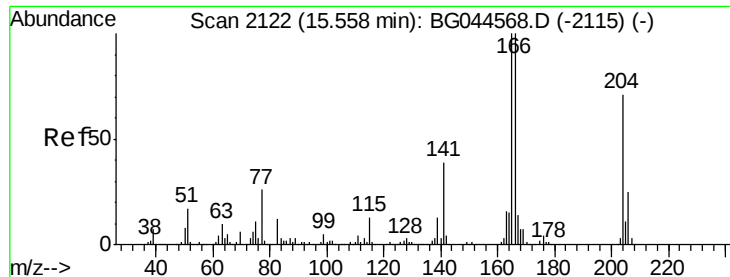
177 24.6 19.2 28.8

150 13.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





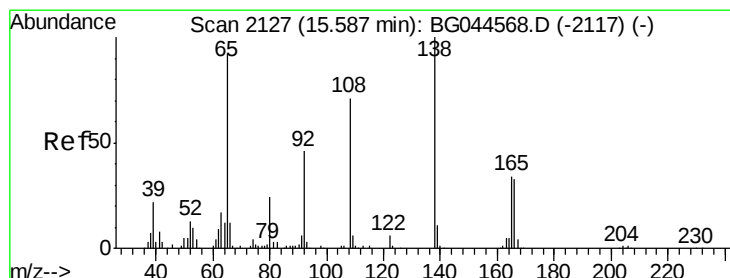
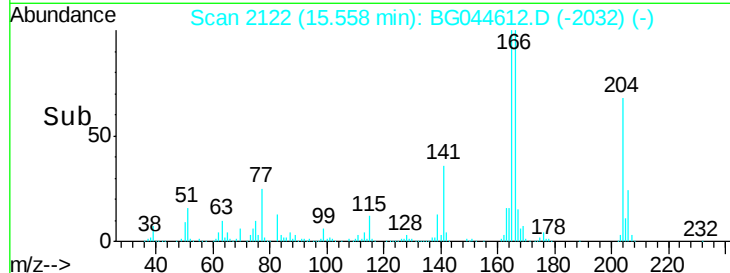
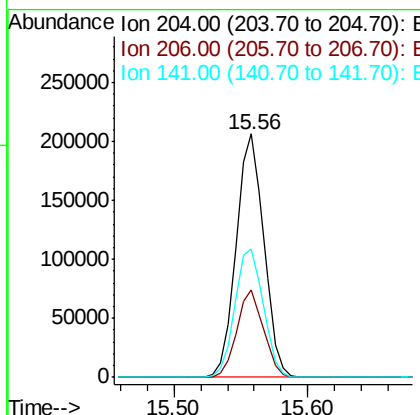
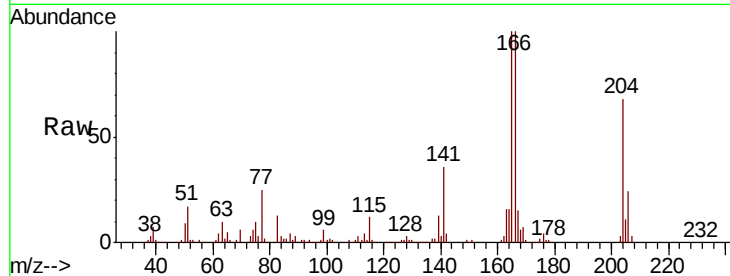
#61
 4-Chlorophenyl-phenylether
 Concen: 43.705 ng
 RT: 15.56 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	295017		
206	35.9	27.8	41.8	
141	52.8	43.8	65.8	

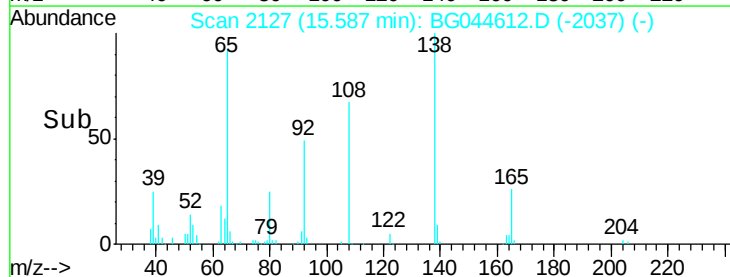
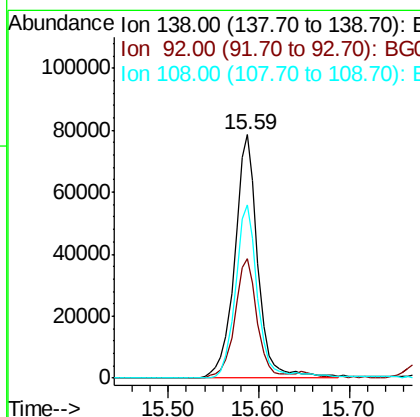
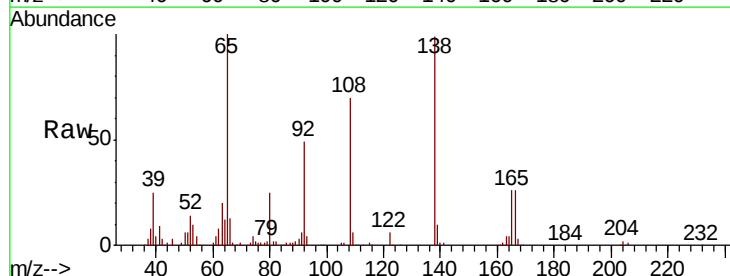
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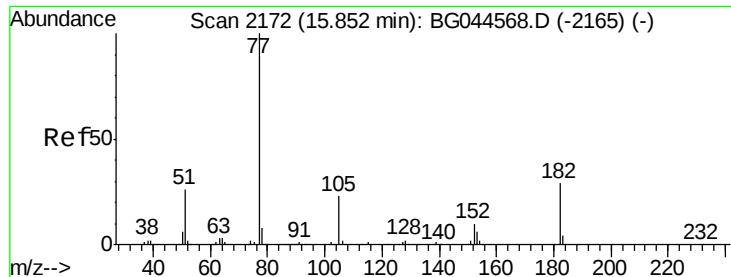
mohammad
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#62
 4-Nitroaniline
 Concen: 43.676 ng
 RT: 15.59 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	140433		
92	49.3	26.4	66.4	
108	71.3	50.5	90.5	





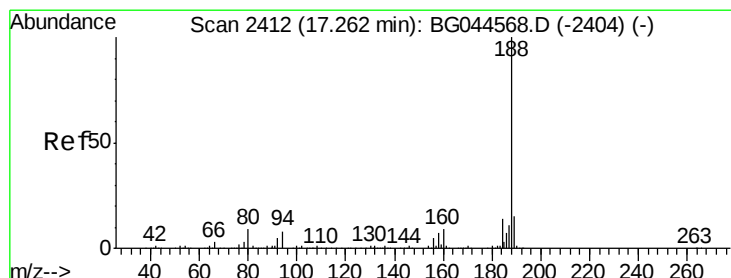
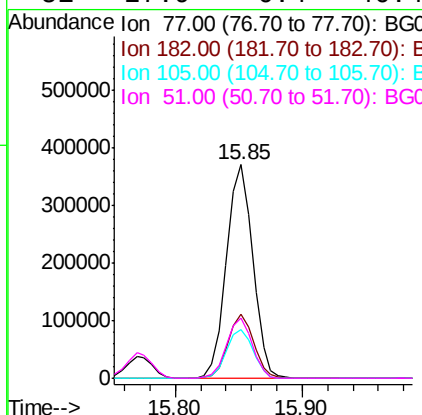
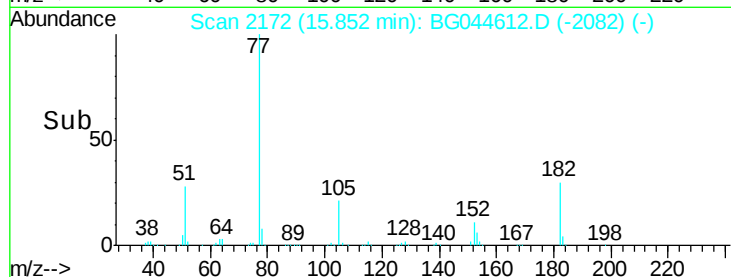
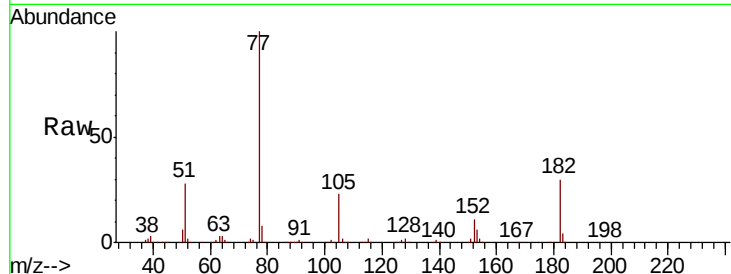
#63
Azobenzene
Concen: 46.650 ng
RT: 15.85 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.8	9.4	49.4	
105	23.1	3.4	43.4	
51	27.9	6.4	46.4	

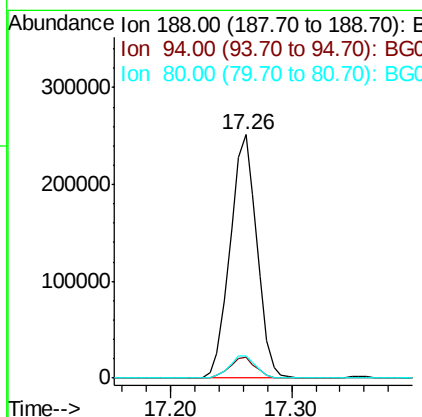
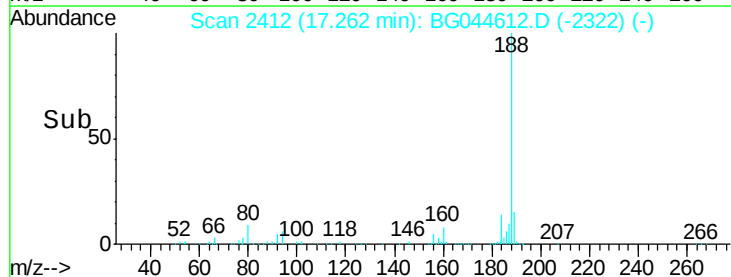
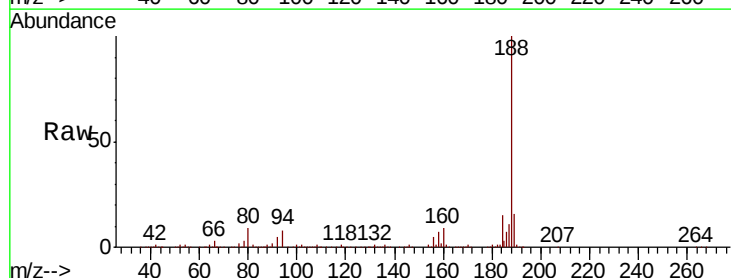
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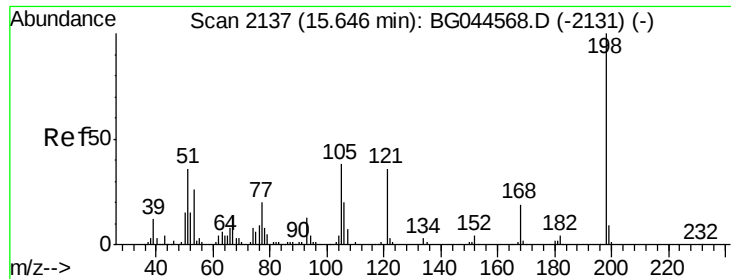
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	6.7	10.1	
80	9.1	7.6	11.4	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.870 ng

RT: 15.65 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

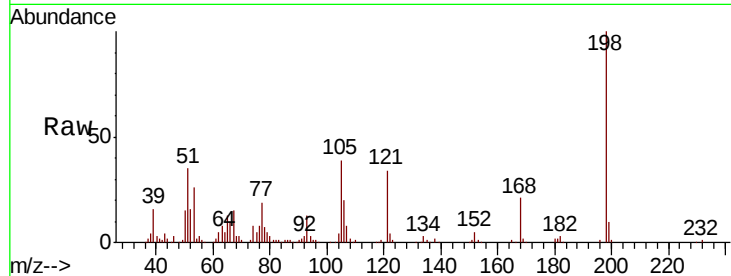
ClientSampleId :

OK-02-022420MS

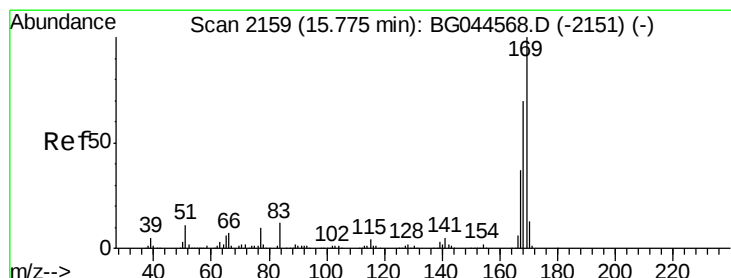
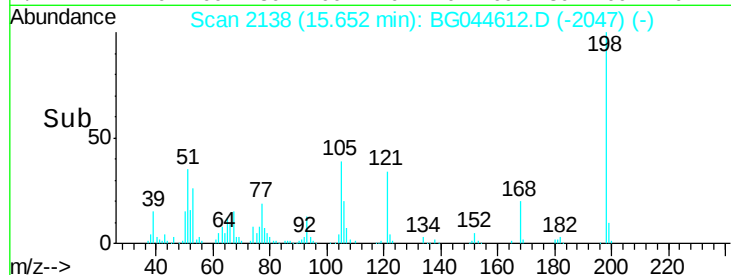
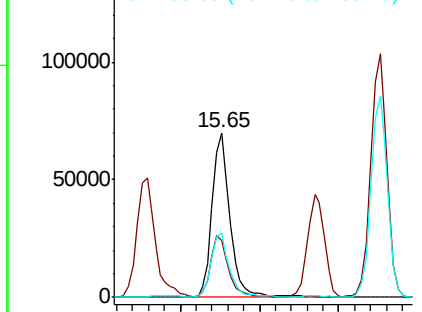
Tot Ion:	198	Resp:	110307
Ion Ratio	Lower	Upper	
198	100		
51	34.8	17.0	57.0
105	39.2	18.4	58.4

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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: 44.016 ng

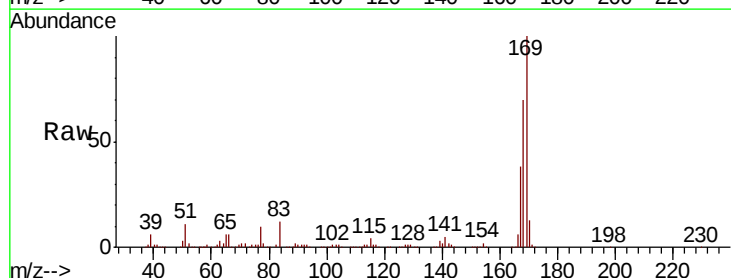
RT: 15.78 min Scan# 2159

Delta R.T. 0.00 min

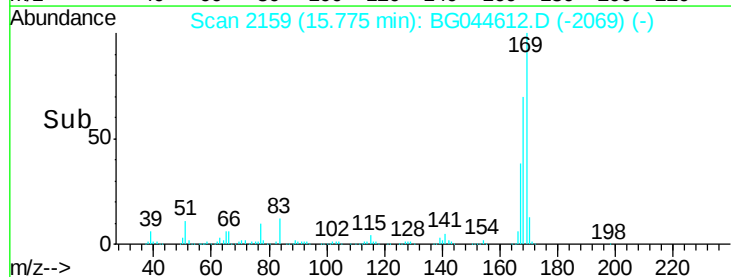
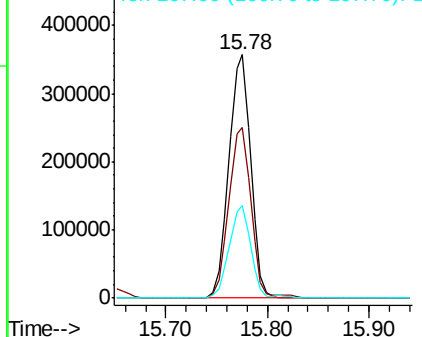
Lab File: BG044612.D

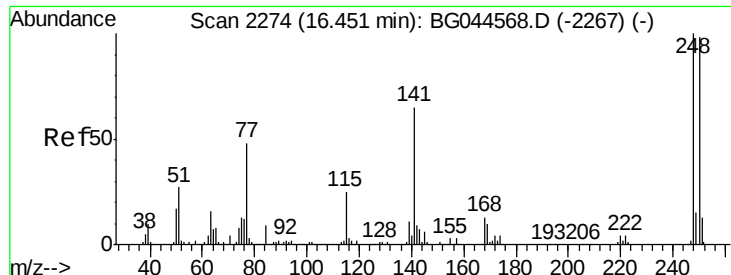
Acq: 26 Feb 2020 20:43

Tgt Ion:	169	Resp:	533233
Ion Ratio	Lower	Upper	
169	100		
168	70.0	56.1	84.1
167	37.9	29.4	44.0



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: 41.590 ng

RT: 16.45 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

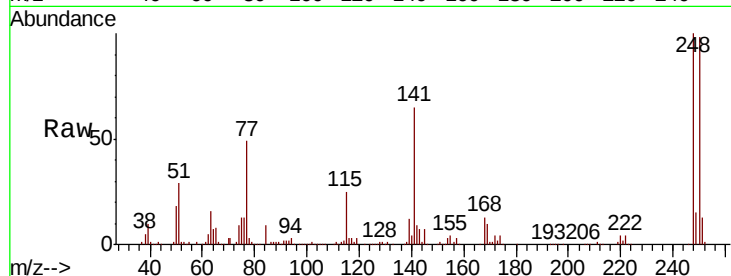
ClientSampleId :

OK-02-022420MS

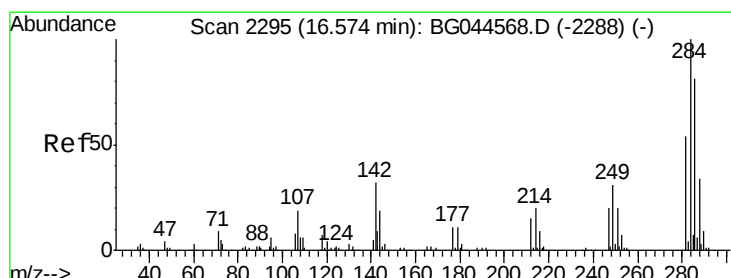
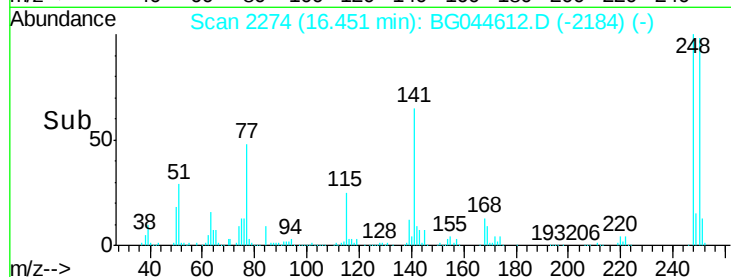
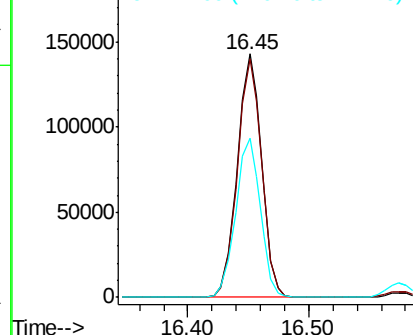
Tot Ion:	248	Resp:	200500
Ion Ratio	Lower	Upper	
248	100		
250	97.8	78.7	118.1
141	65.2	52.3	78.5

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 40.777 ng

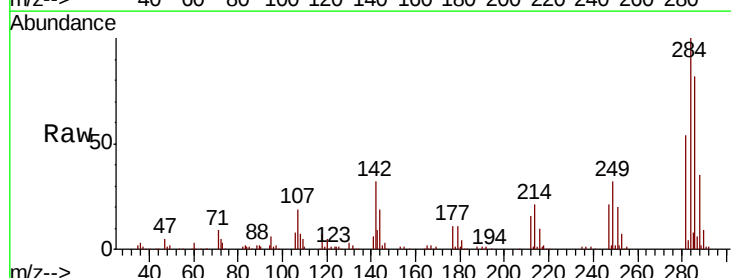
RT: 16.57 min Scan# 2295

Delta R.T. 0.00 min

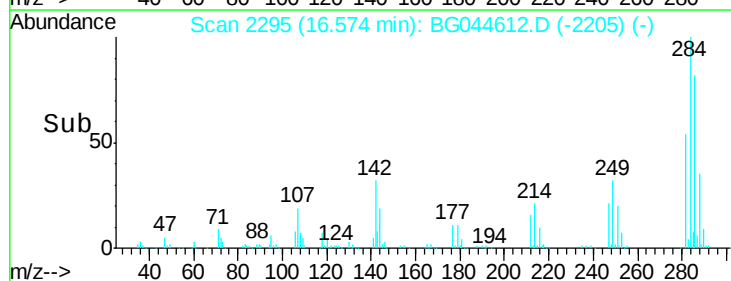
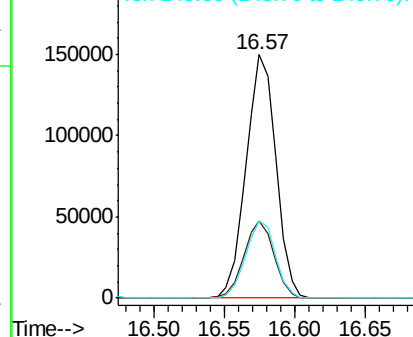
Lab File: BG044612.D

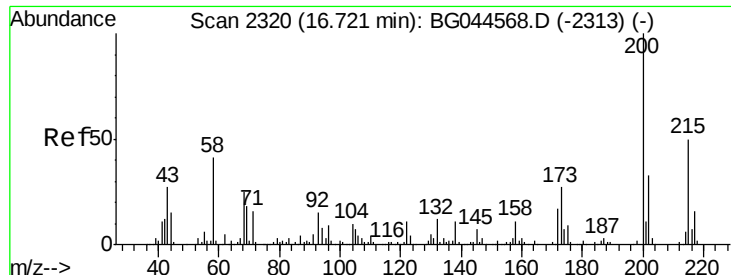
Acq: 26 Feb 2020 20:43

Tgt Ion:	284	Resp:	222253
Ion Ratio	Lower	Upper	
284	100		
142	31.9	25.6	38.4
249	31.6	24.6	36.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





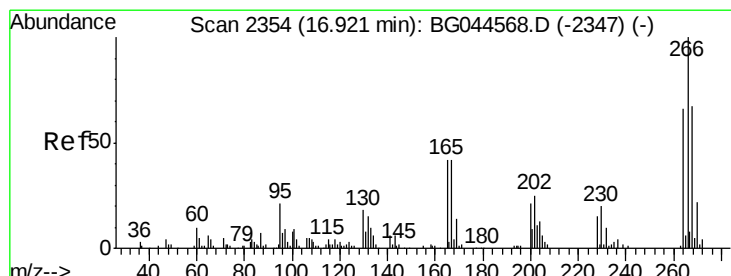
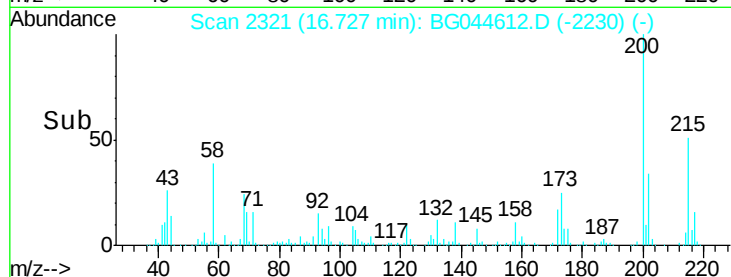
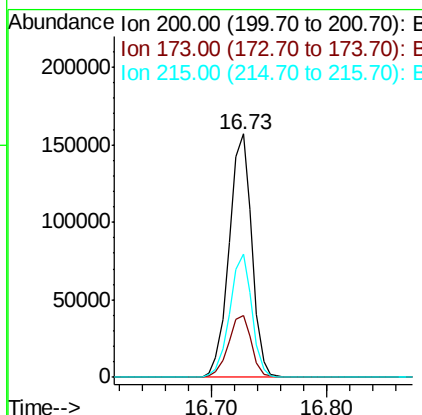
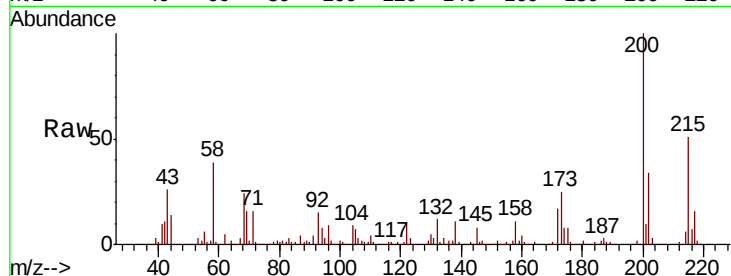
#69
 Atrazine
 Concen: 47.663 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. 0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	6.6	46.6
215	50.7	30.3	70.3

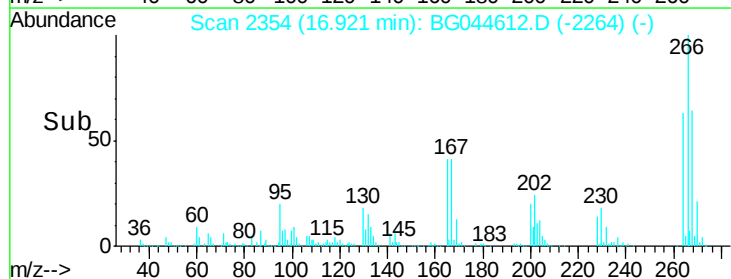
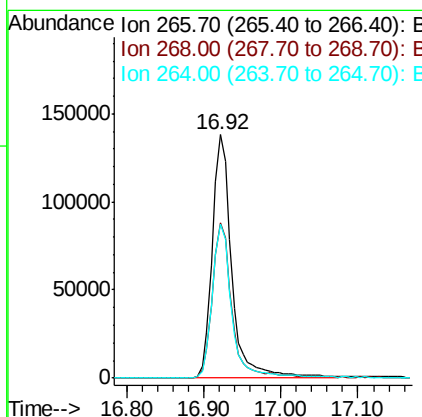
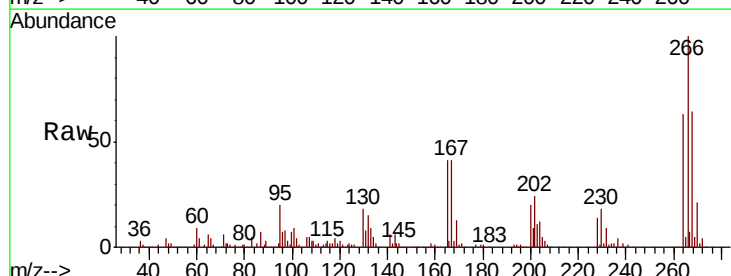
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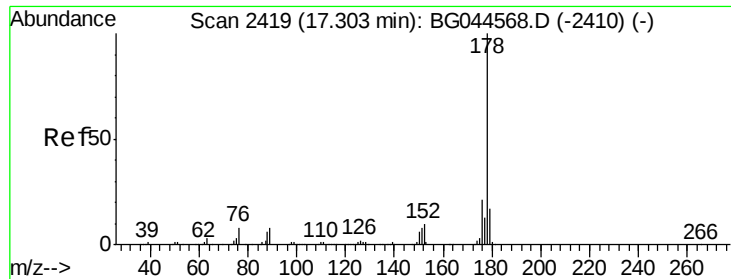
mohammad
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#70
 Pentachlorophenol
 Concen: 89.662 ng
 RT: 16.92 min Scan# 2354
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	53.4	80.0
264	63.3	53.0	79.4





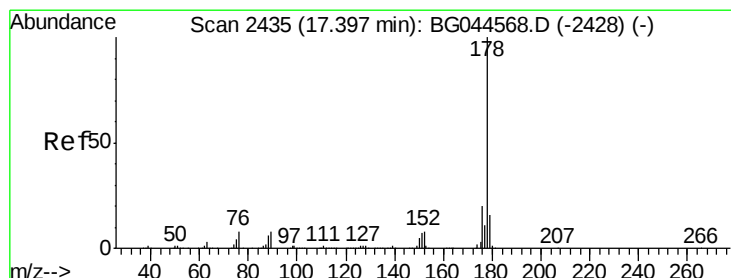
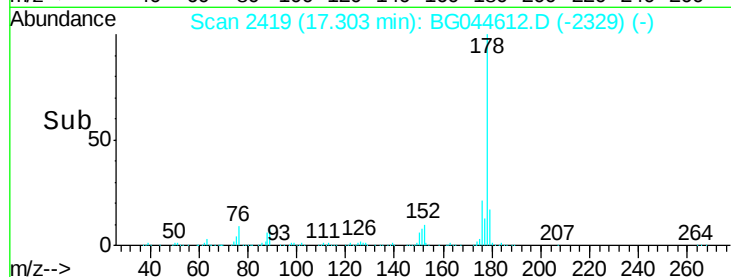
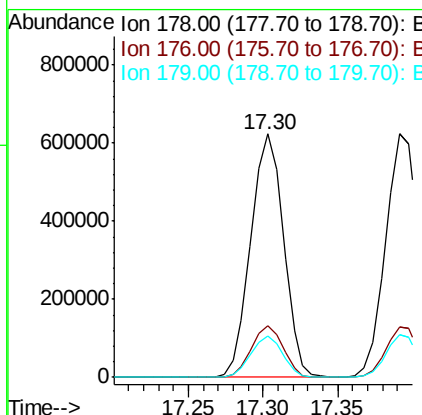
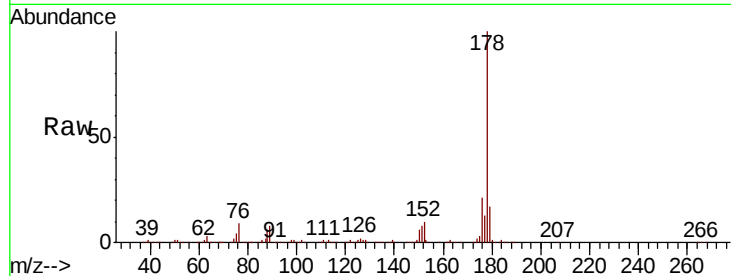
#71
Phenanthrene
Concen: 44.231 ng
RT: 17.30 min Scan# 2419
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.6	25.0
179	16.9	13.3	19.9

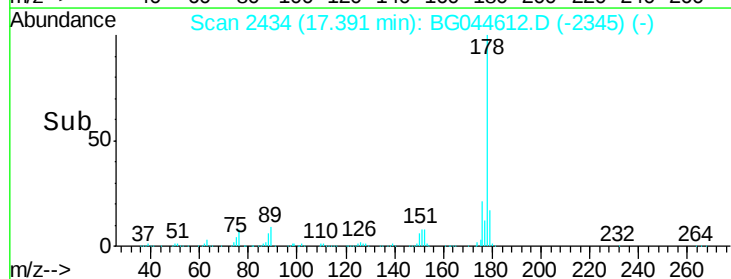
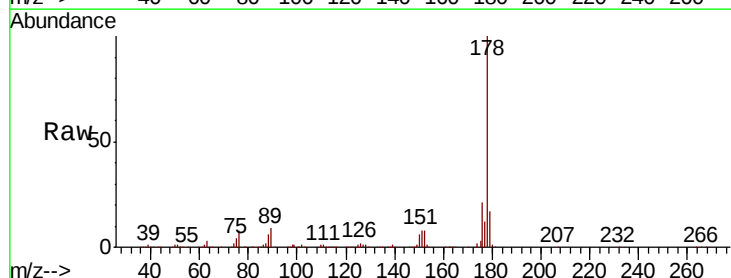
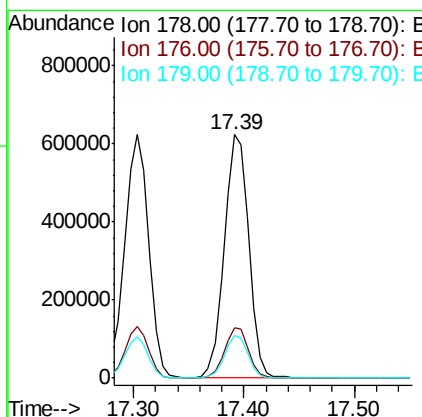
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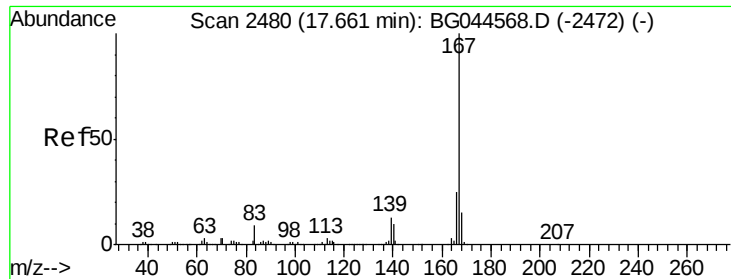
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#72
Anthracene
Concen: 45.645 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.9	23.9
179	17.4	13.1	19.7





#73

Carbazole

Concen: 46.081 ng

RT: 17.66 min Scan# 2480

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

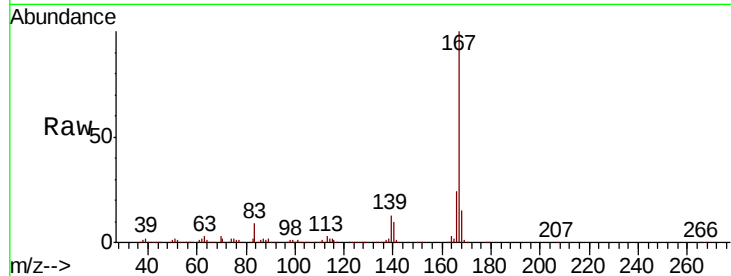
ClientSampleId :

OK-02-022420MS

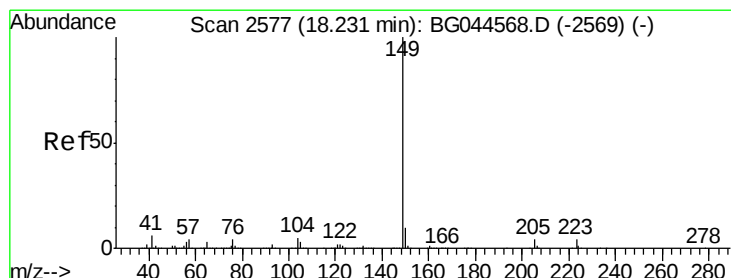
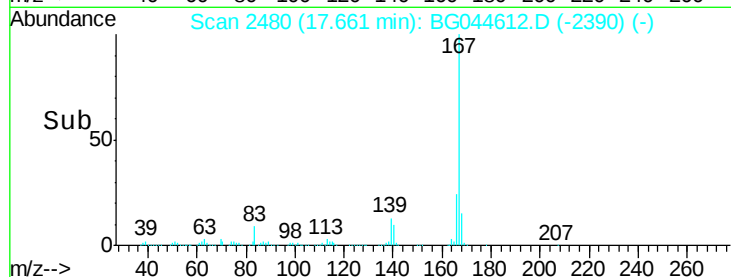
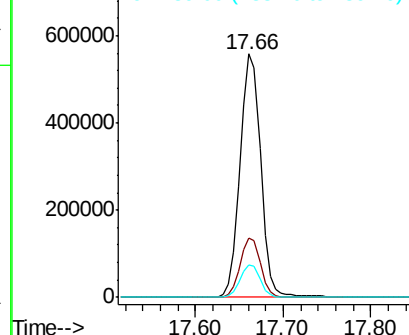
Tot Ion:	167	Resp:	888787
Ion Ratio	Lower	Upper	
167	100		
166	24.4	19.7	29.5
139	13.5	10.6	15.8

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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: 44.864 ng

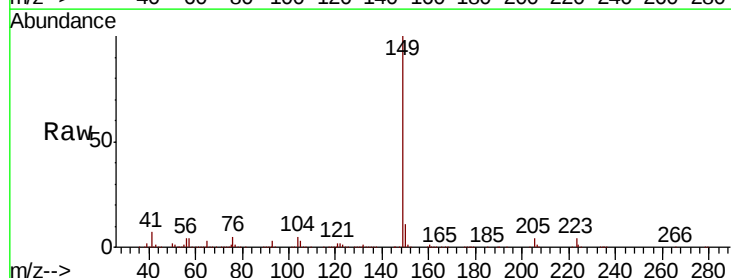
RT: 18.23 min Scan# 2576

Delta R.T. -0.01 min

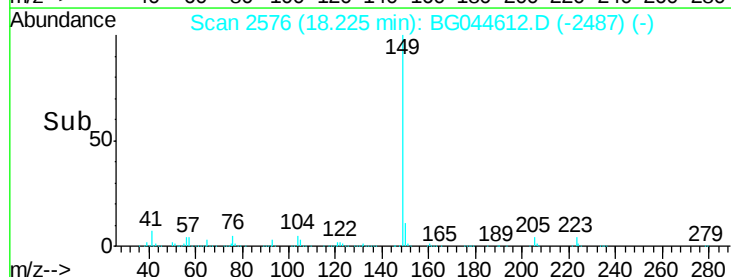
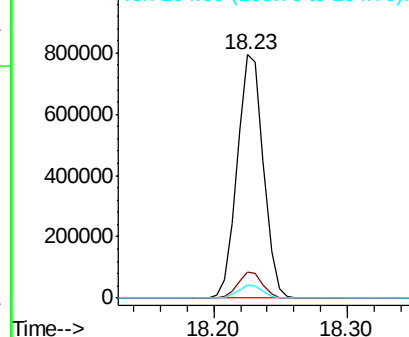
Lab File: BG044612.D

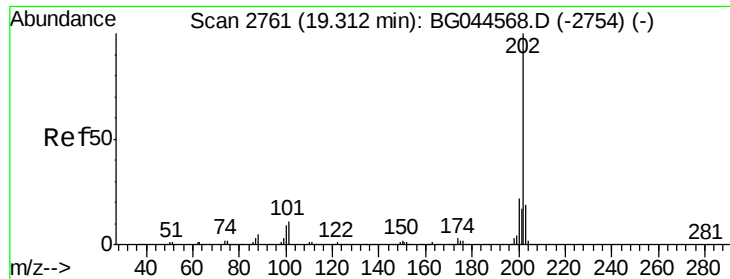
Acq: 26 Feb 2020 20:43

Tgt Ion:	149	Resp:	1084328
Ion Ratio	Lower	Upper	
149	100		
150	10.7	7.8	11.8
104	5.4	4.0	6.0



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: 45.667 ng

RT: 19.31 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

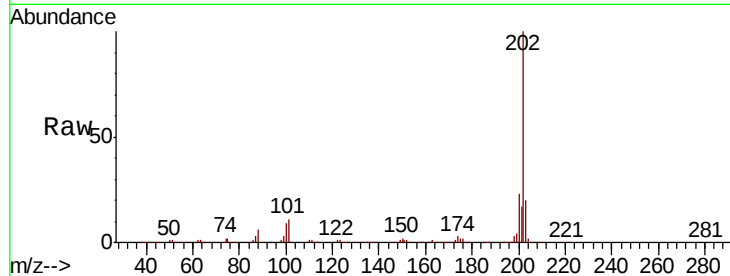
ClientSampleId :

OK-02-022420MS

Tot Ion:	202	Resp:	1162380
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	19.5	0.0	39.2

Manual Integrations
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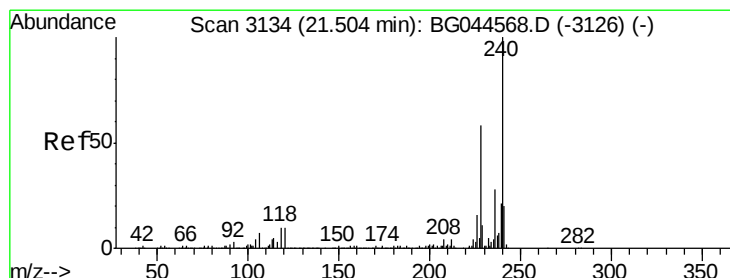
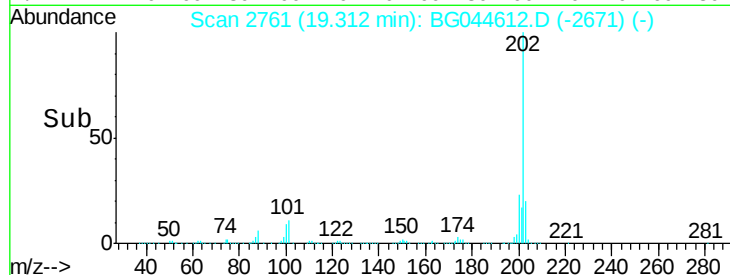
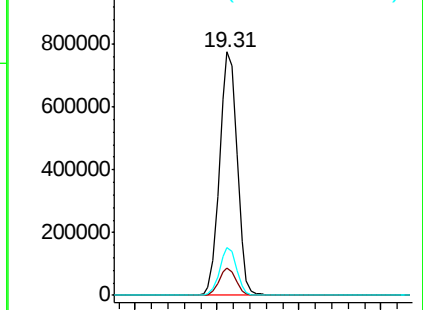


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

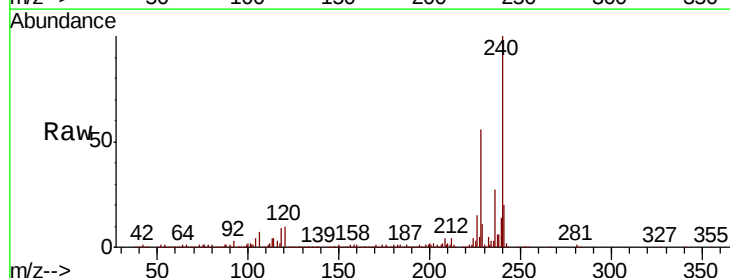
RT: 21.50 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:	240	Resp:	391122
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	26.9	22.3	33.5

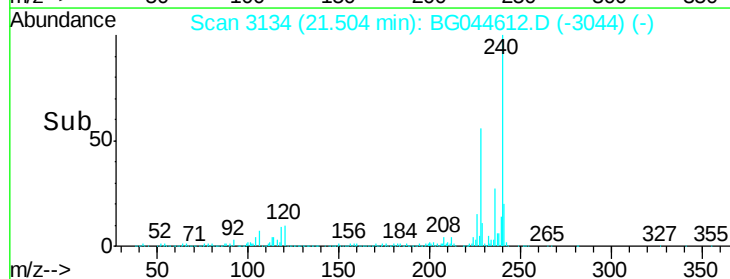
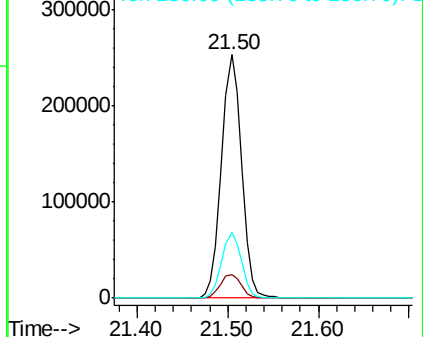


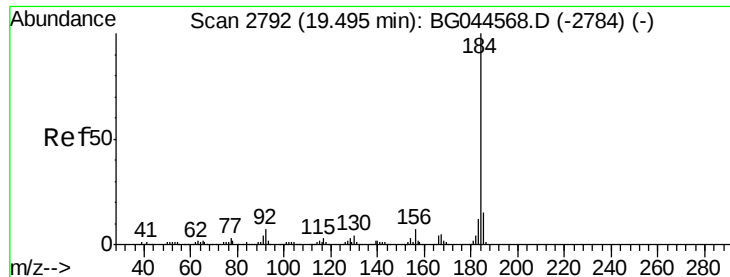
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.441 ng

RT: 19.49 min Scan# 2792

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

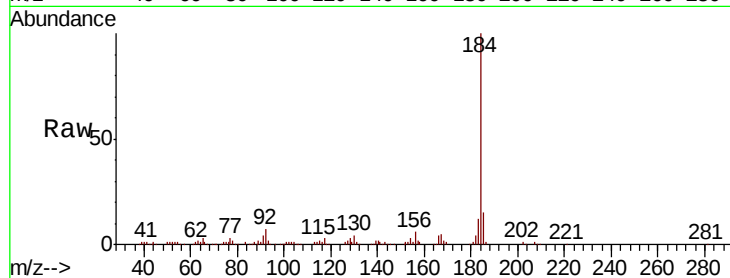
ClientSampleId :

OK-02-022420MS

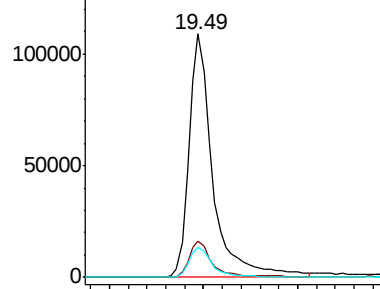
Tot Ion:	184	Resp:	193486
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.2	18.4
183	12.4	9.9	14.9

Manual Integrations
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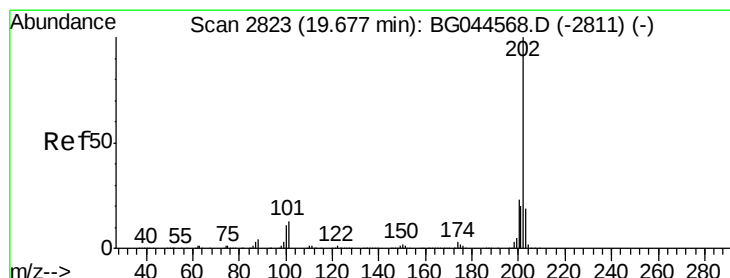
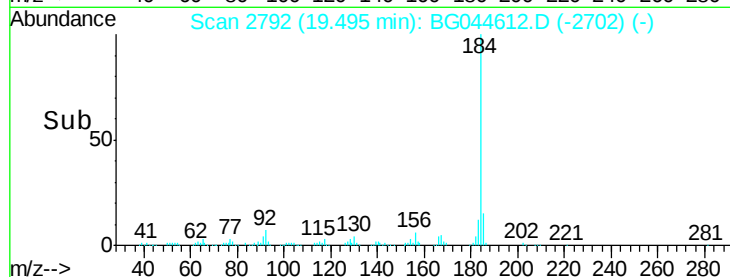
mohammad
2/27/2020 4:59:00 PM



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



Time-->



#78

Pyrene

Concen: 41.068 ng

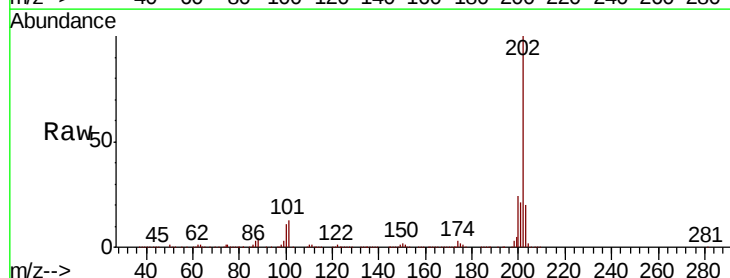
RT: 19.68 min Scan# 2823

Delta R.T. 0.00 min

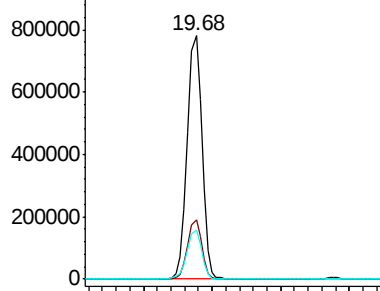
Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

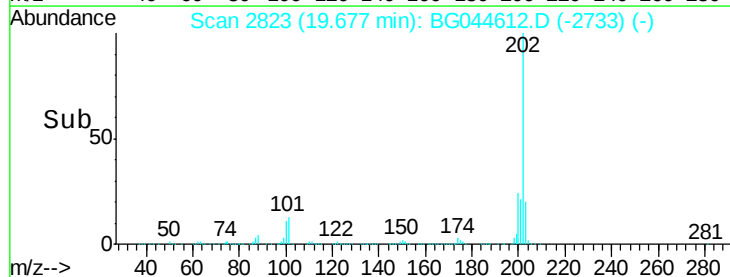
Tgt Ion:	202	Resp:	1166010
Ion Ratio	Lower	Upper	
202	100		
200	24.1	18.6	28.0
203	20.3	15.3	22.9

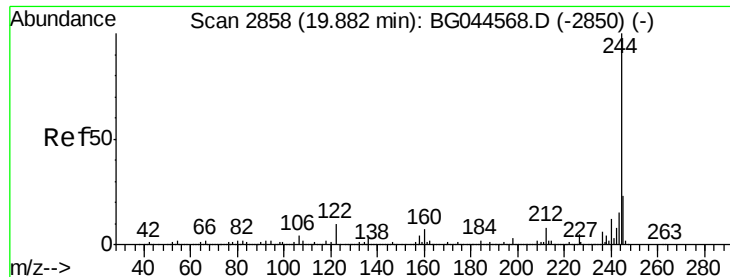


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 81.560 ng

RT: 19.88 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

OK-02-022420MS

Tot Ion:244 Resp: 1685092

Ion Ratio Lower Upper

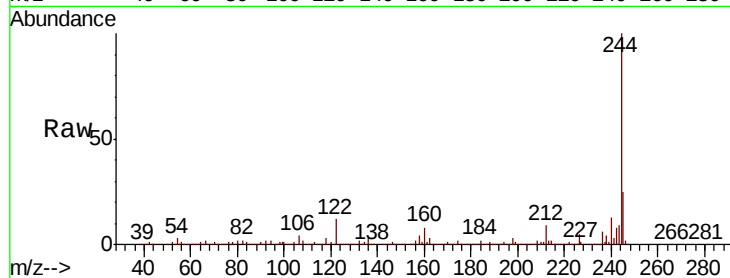
244 100

212 8.9 6.5 9.7

122 12.1 8.2 12.4

Manual Integrations
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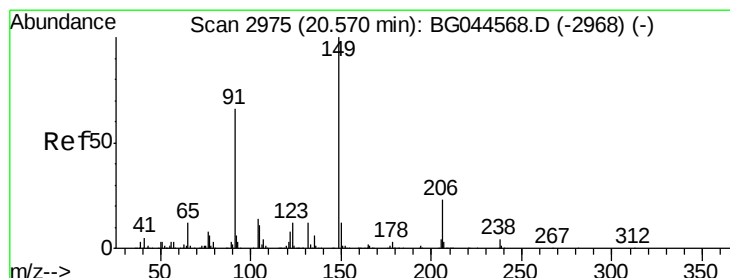
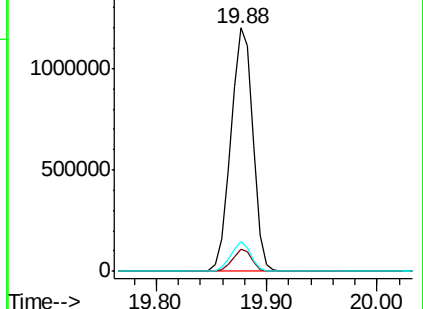
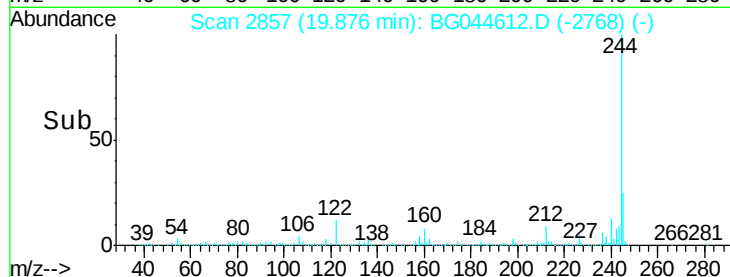
mohammad
2/27/2020 4:59:00 PM



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.036 ng

RT: 20.57 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

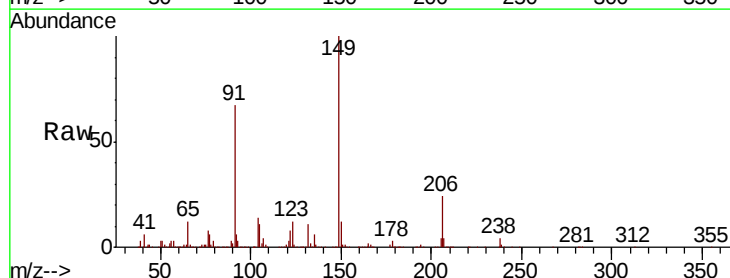
Tgt Ion:149 Resp: 509625

Ion Ratio Lower Upper

149 100

91 66.8 52.7 79.1

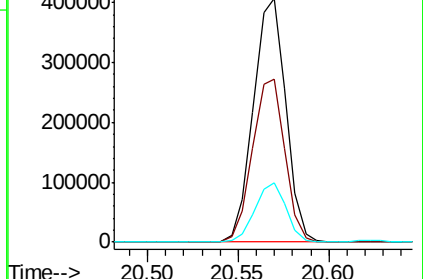
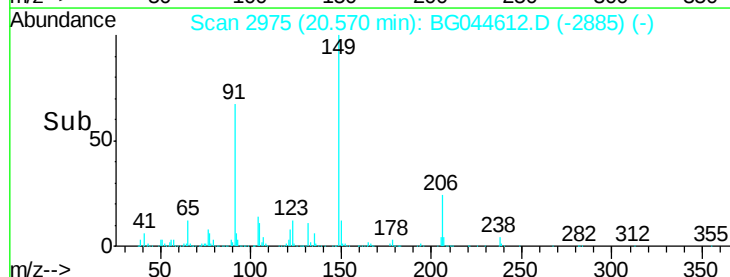
206 24.3 18.6 28.0

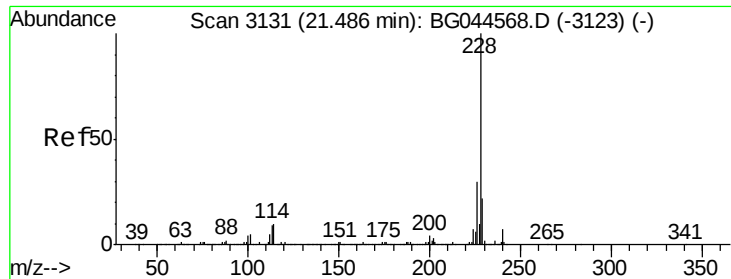


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





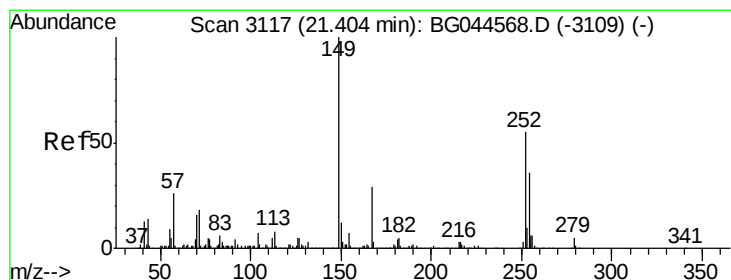
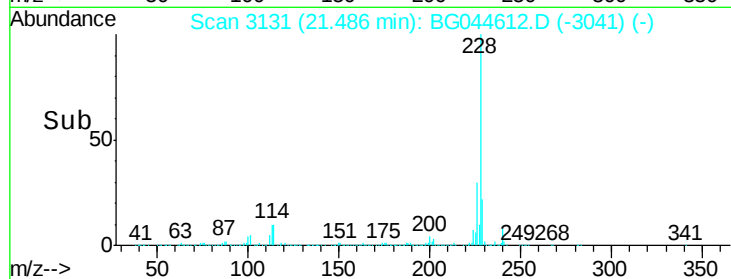
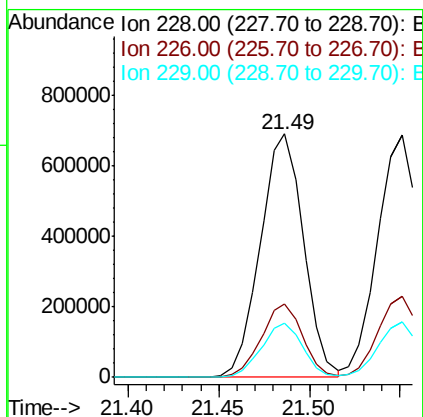
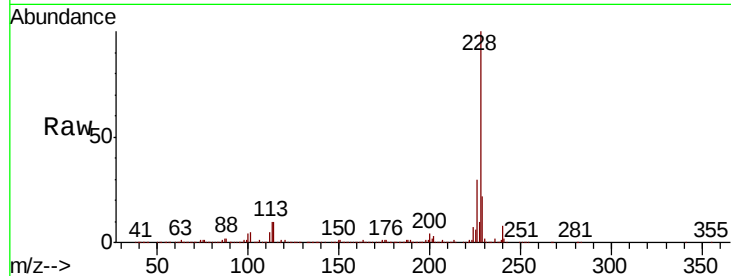
#81
Benzo(a)anthracene
Concen: 41.619 ng
RT: 21.49 min Scan# 3131
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion:228 Resp: 1144074
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 22.2 17.2 25.8

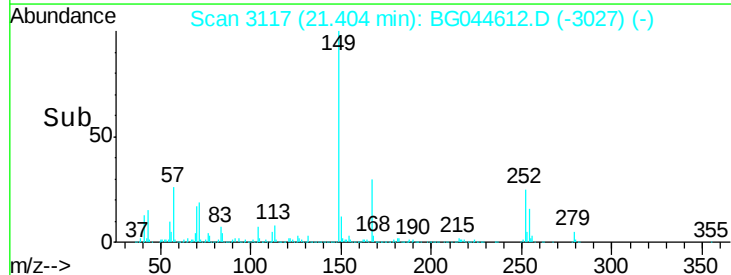
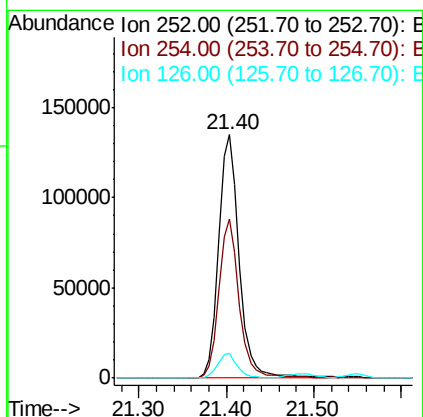
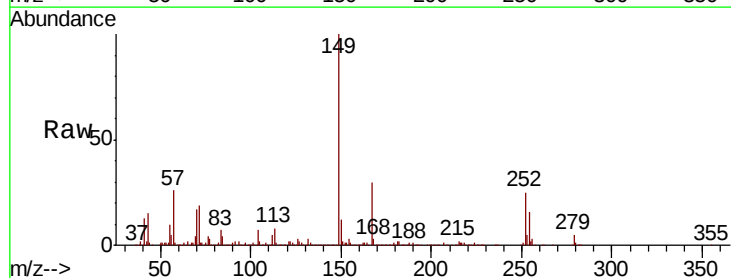
Manual Integrations
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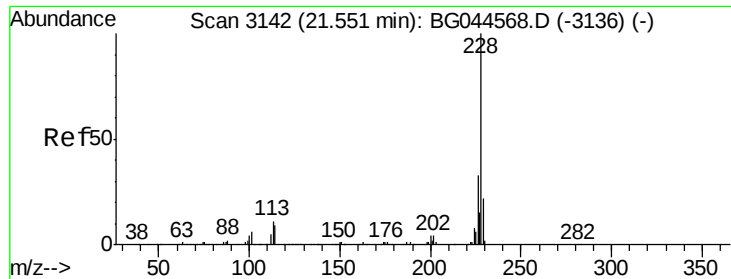
mohammad
2/27/2020 4:59:00 PM



#82
3,3'-Dichlorobenzidine
Concen: 20.259 ng
RT: 21.40 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion:252 Resp: 220013
Ion Ratio Lower Upper
252 100
254 65.2 51.5 77.3
126 9.9 7.8 11.6





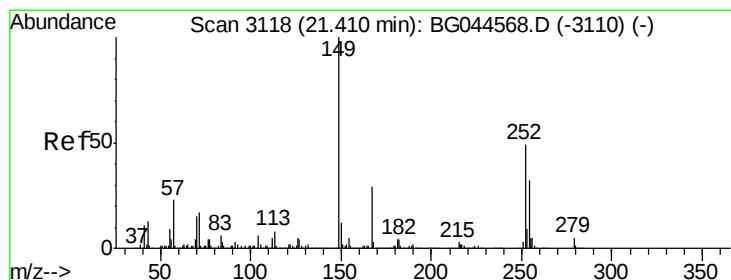
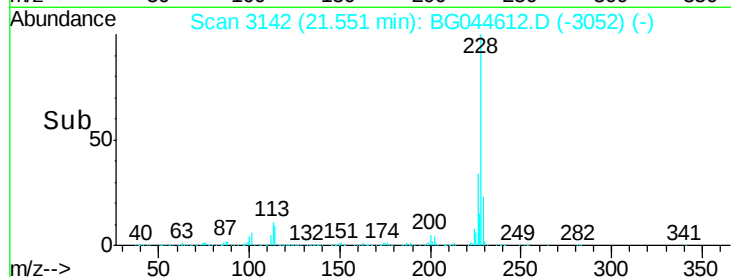
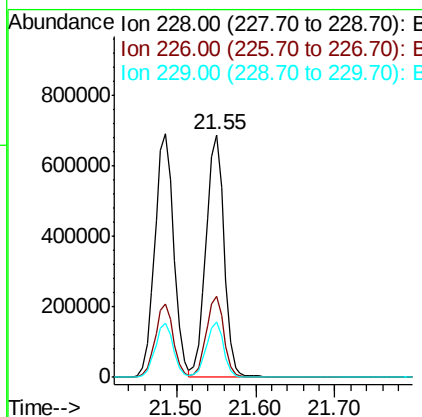
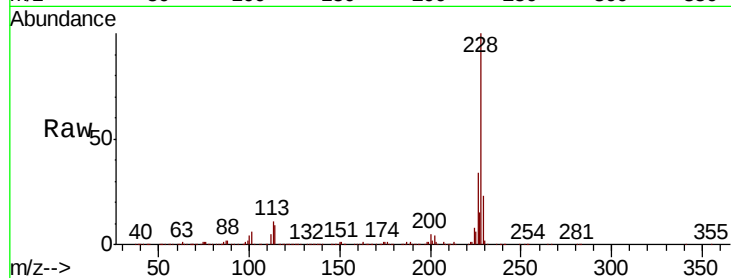
#83
 Chrysene
 Concen: 41.254 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.1	39.1
229	22.7	17.2	25.8

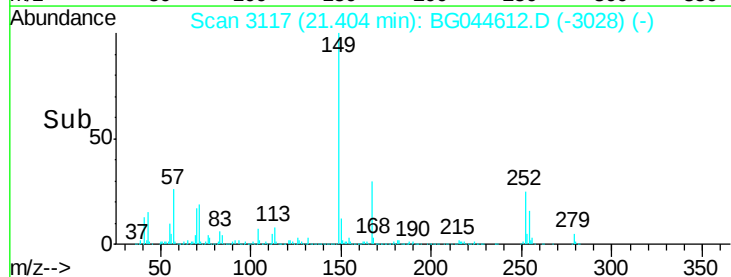
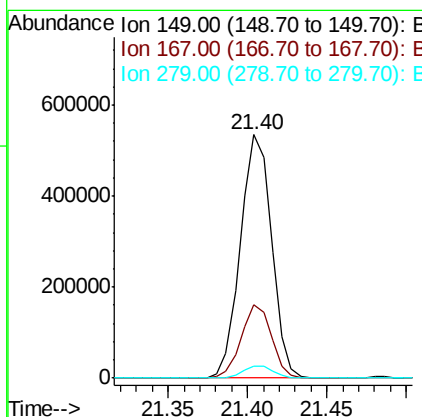
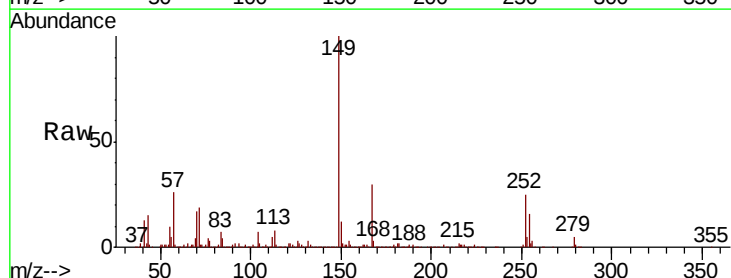
Manual Integrations
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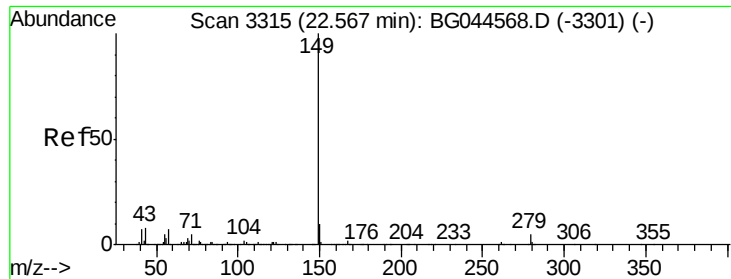
mohammad
 2/27/2020 4:59:00 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.623 ng
 RT: 21.40 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG044612.D
 Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.4	35.0
279	4.9	4.2	6.4





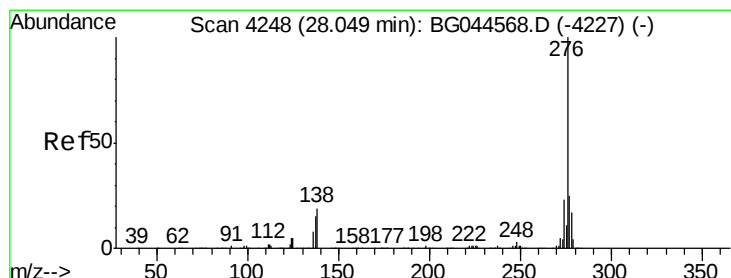
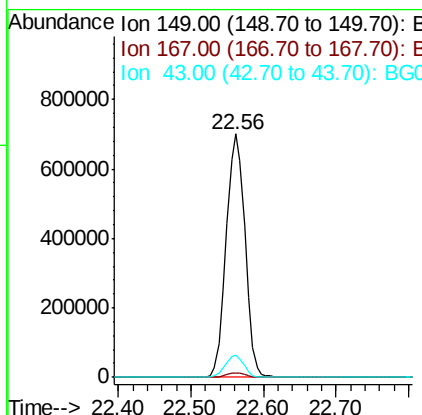
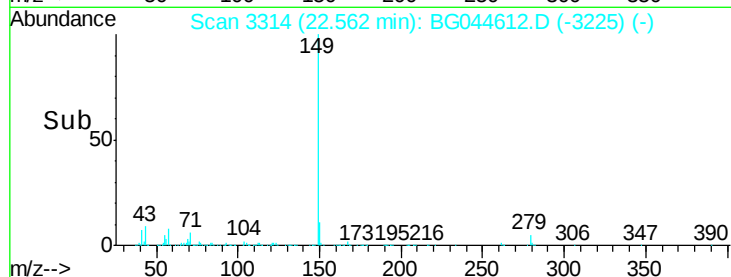
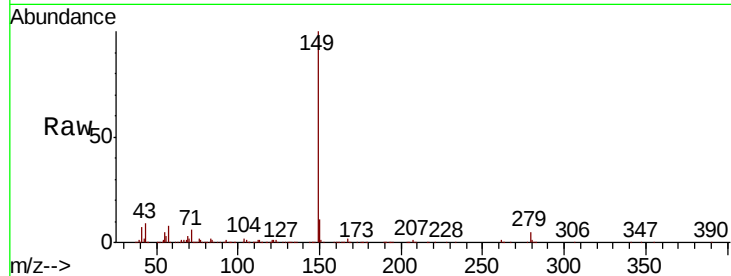
#85
Di-n-octyl phthalate
Concen: 42.053 ng
RT: 22.56 min Scan# 3314
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.8	6.6	10.0

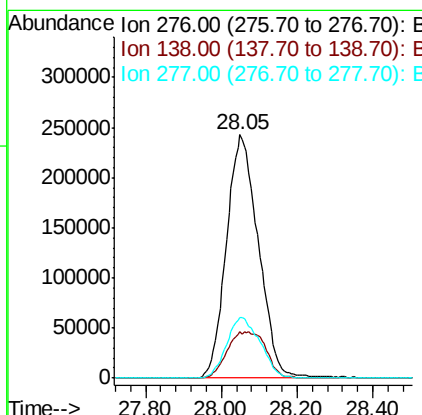
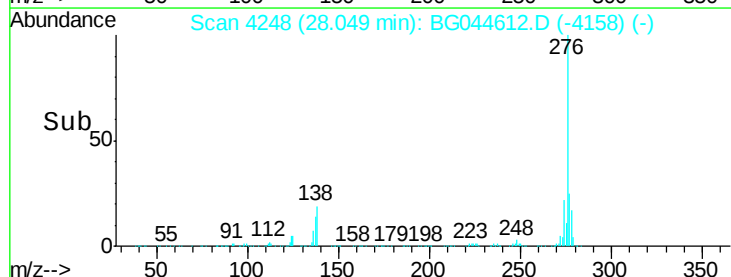
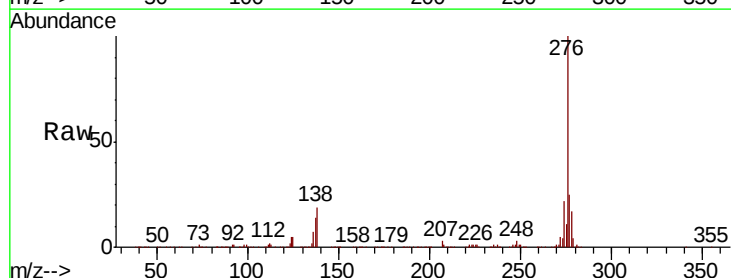
Manual Integrations
APPROVED

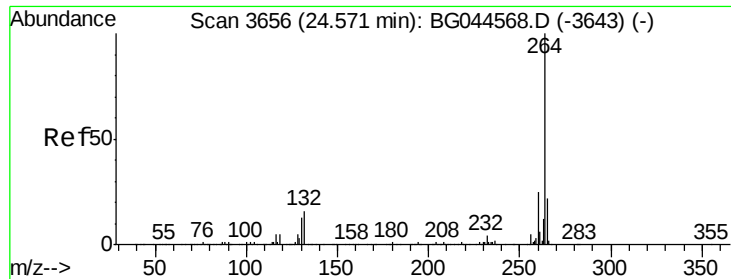
mohammad
2/27/2020 4:59:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.910 ng
RT: 28.05 min Scan# 4248
Delta R.T. 0.00 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.6	18.2	27.4#
277	26.0	20.7	31.1





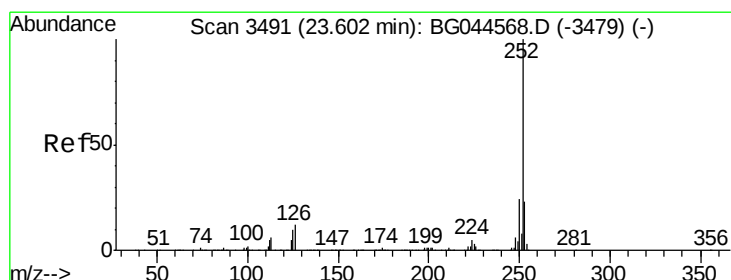
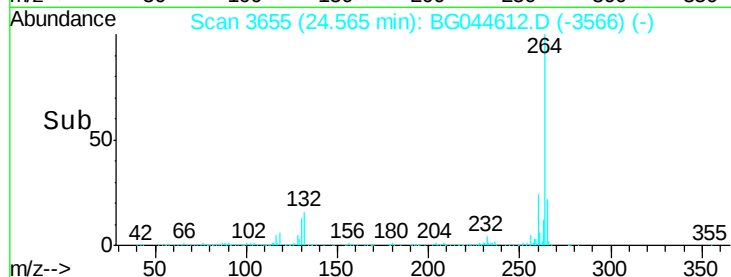
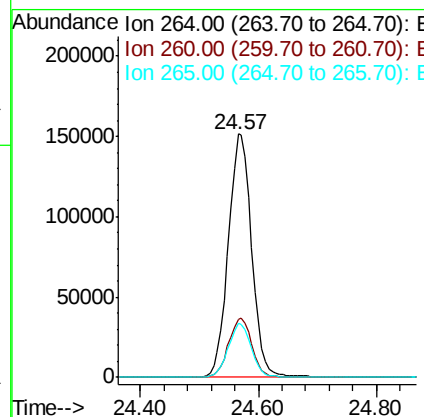
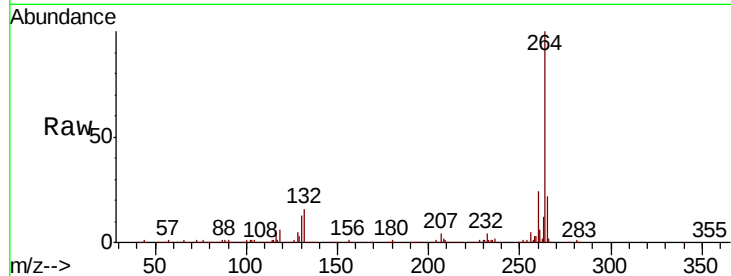
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.57 min Scan# 3655
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	22.3	17.8	26.8

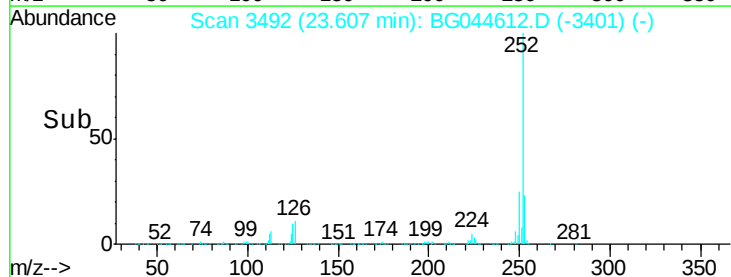
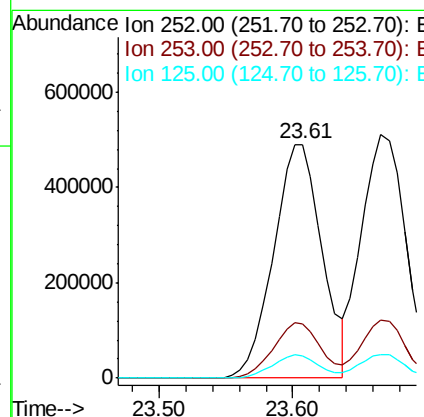
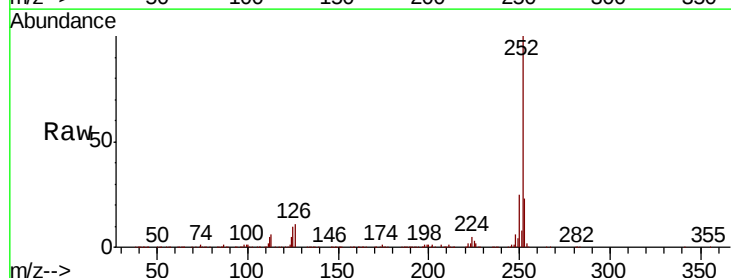
Manual Integrations
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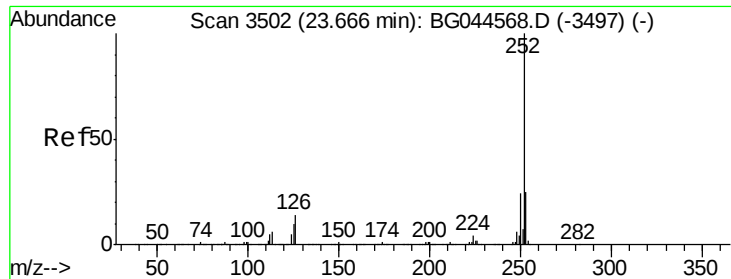
mohammad
2/27/2020 4:59:00 PM



#88
Benzo(b)fluoranthene
Concen: 45.020 ng
RT: 23.61 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.4	27.6
125	9.6	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 44.547 ng

RT: 23.67 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Instrument :

BNA_G

ClientSampleId :

OK-02-022420MS

Tot Ion:252 Resp: 1186164

Ion Ratio Lower Upper

252 100

253 24.0 19.0 28.6

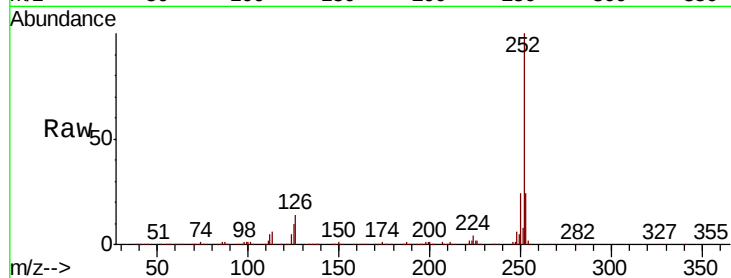
125 9.7 7.8 11.8

Manual Integrations

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mohammad

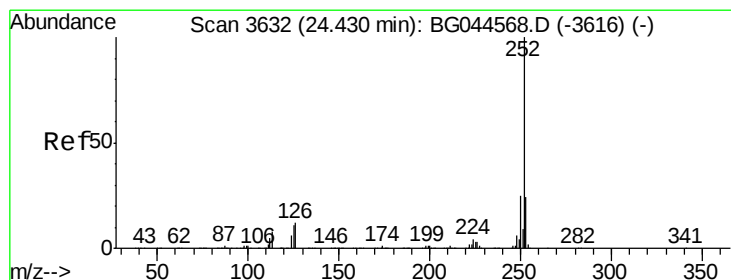
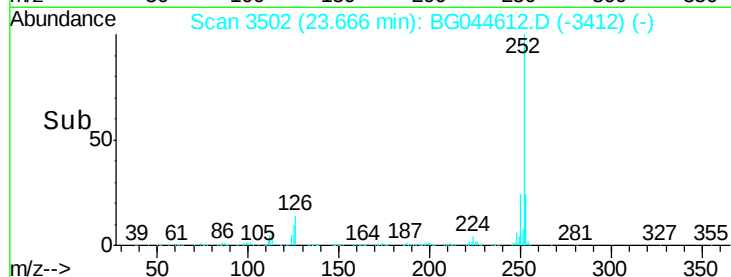
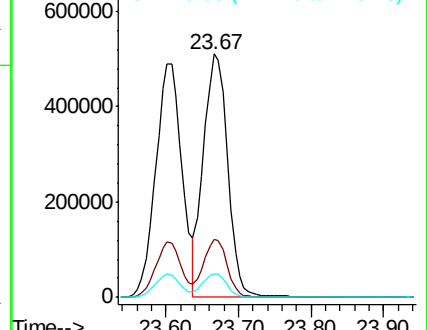
2/27/2020 4:59:00 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.937 ng

RT: 24.43 min Scan# 3632

Delta R.T. 0.00 min

Lab File: BG044612.D

Acq: 26 Feb 2020 20:43

Tgt Ion:252 Resp: 1132887

Ion Ratio Lower Upper

252 100

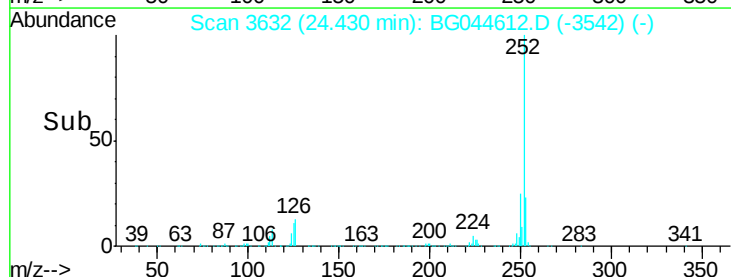
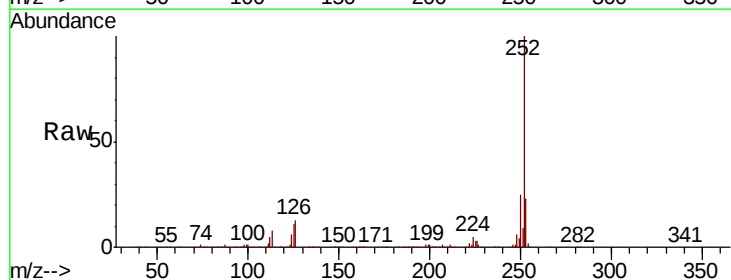
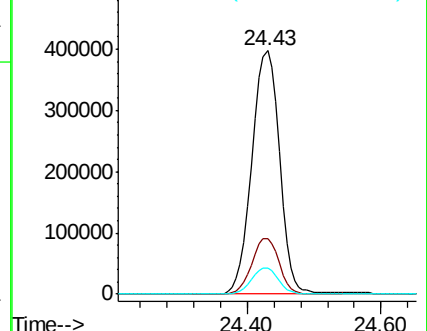
253 22.9 19.0 28.4

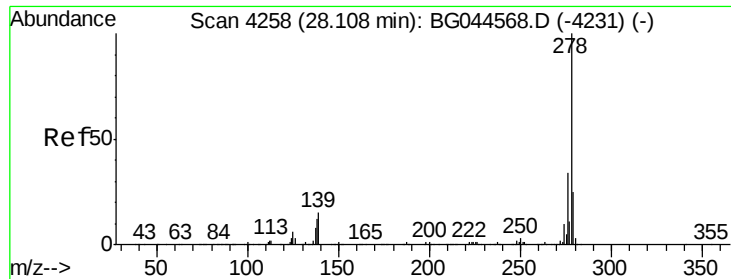
125 10.8 8.5 12.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





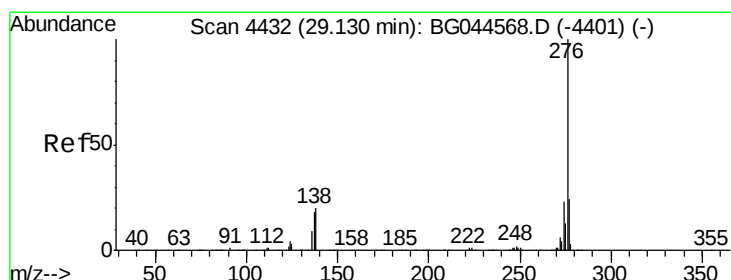
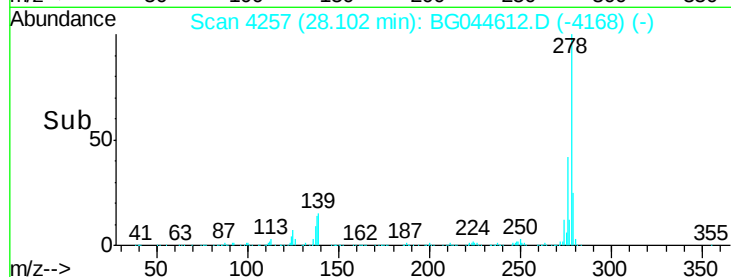
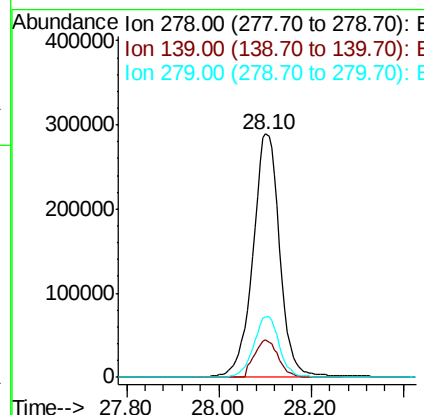
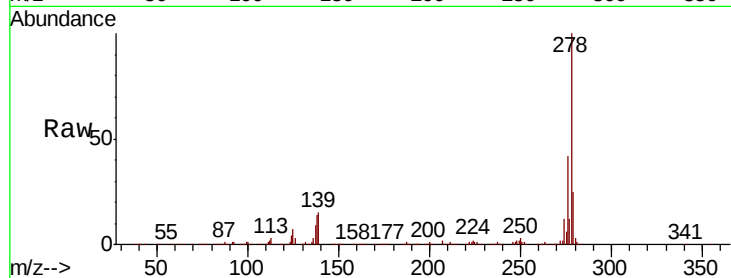
#91
Dibenzo(a,h)anthracene
Concen: 45.872 ng
RT: 28.10 min Scan# 4257
Delta R.T. -0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Instrument :
BNA_G
ClientSampleId :
OK-02-022420MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.7	17.5
279	25.1	19.8	29.6

Manual Integrations
APPROVED

mohammad
2/27/2020 4:59:00 PM



#92
Benzo(g,h,i)perylene
Concen: 46.815 ng
RT: 29.14 min Scan# 4433
Delta R.T. 0.01 min
Lab File: BG044612.D
Acq: 26 Feb 2020 20:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	19.5	16.1	24.1

