

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
 Data File : BG044563.D
 Acq On : 22 Feb 2020 00:09
 Operator : CG/JU
 Sample : L1362-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Manual Integrations
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 2/24/2020 3:30:30 PM

Quant Time: Feb 24 00:49:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	66839	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	272181	20.00	ng	0.00
39) Acenaphthene-d10	14.52	164	179568	20.00	ng	0.00
64) Phenanthrene-d10	17.26	188	403778	20.00	ng	0.00
76) Chrysene-d12	21.51	240	375319	20.00	ng	0.00
87) Perylene-d12	24.59	264	426249	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	549293	145.04	ng	0.00
7) Phenol-d6	7.06	99	663925	130.55	ng	0.00
23) Nitrobenzene-d5	9.04	82	476532	98.84	ng	0.00
42) 2,4,6-Tribromophenol	16.01	330	340111	161.34	ng	0.00
45) 2-Fluorobiphenyl	13.15	172	1082146	100.92	ng	0.00
79) Terphenyl-d14	19.88	244	1783121	97.72	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.34	88	71169	41.825	ng	# 69
3) Pyridine	3.74	79	123038	27.140	ng	98
4) n-Nitrosodimethylamine	3.65	42	90588	47.819	ng	99
6) Aniline	7.21	93	148726	23.560	ng	98
8) 2-Chlorophenol	7.45	128	233249	56.039	ng	99
9) Benzaldehyde	7.01	77	101062	34.891	ng	96
10) Phenol	7.09	94	246824	49.040	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	215330	50.042	ng	98
12) 1,3-Dichlorobenzene	7.77	146	226849	45.647	ng	99
13) 1,4-Dichlorobenzene	7.92	146	230337	46.797	ng	97
14) 1,2-Dichlorobenzene	8.23	146	219430	47.165	ng	99
15) Benzyl Alcohol	8.12	79	191059	53.064	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.41	45	273963	47.040	ng	99
17) 2-Methylphenol	8.33	107	191193	53.241	ng	99
18) Hexachloroethane	8.96	117	81508	44.129	ng	97
19) n-Nitroso-di-n-propylamine	8.69	70	167328	49.368	ng	97
20) 3+4-Methylphenols	8.66	107	259388	52.412	ng	99
22) Acetophenone	8.70	105	318717	48.135	ng	99
24) Nitrobenzene	9.08	77	239075	50.796	ng	99
25) Isophorone	9.60	82	472437	52.575	ng	99
26) 2-Nitrophenol	9.79	139	133629	54.717	ng	98
27) 2,4-Dimethylphenol	9.86	122	218658	63.427	ng	98
28) bis(2-Chloroethoxy)methane	10.08	93	292447	48.786	ng	99
29) 2,4-Dichlorophenol	10.34	162	229204	54.985	ng	98
30) 1,2,4-Trichlorobenzene	10.55	180	231459	48.425	ng	97
31) Naphthalene	10.73	128	677113	51.275	ng	100
32) Benzoic acid	10.03	122	64338	34.139	ng	95
33) 4-Chloroaniline	10.84	127	39609	6.595	ng	98
34) Hexachlorobutadiene	11.02	225	137493	46.748	ng	99
35) Caprolactam	11.61	113	67364m	44.115	ng	
36) 4-Chloro-3-methylphenol	11.98	107	242116	55.398	ng	98
37) 2-Methylnaphthalene	12.34	142	509168	51.931	ng	100
38) 1-Methylnaphthalene	12.56	142	484195	52.381	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	258642	48.151	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 21 16:02:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.70	237	236221	91.651	nq	100
43) 2,4,6-Trichlorophenol	12.96	196	187071	53.880	nq	99
44) 2,4,5-Trichlorophenol	13.03	196	199618	56.289	nq	98
46) 1,1'-Biphenyl	13.36	154	650993	50.260	nq	98
47) 2-Chloronaphthalene	13.40	162	506526	49.144	nq	98
48) 2-Nitroaniline	13.60	65	150256	49.398	nq	99
49) Acenaphthylene	14.24	152	809559	53.551	nq	99
50) Dimethylphthalate	13.98	163	682221	52.853	nq	100
51) 2,6-Dinitrotoluene	14.09	165	154351	53.631	nq	94
52) Acenaphthene	14.59	154	498993	50.924	nq	98
53) 3-Nitroaniline	14.43	138	61107	19.191	nq	95
54) 2,4-Dinitrophenol	14.64	184	153475	89.043	nq	99
55) Dibenzofuran	14.92	168	775367	52.264	nq	100
56) 4-Nitrophenol	14.76	139	250416	107.366	nq	99
57) 2,4-Dinitrotoluene	14.88	165	214299	53.126	nq	95
58) Fluorene	15.57	166	625861	53.561	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	181647	56.708	nq	98
60) Diethylphthalate	15.35	149	676511	52.599	nq	100
61) 4-Chlorophenyl-phenylether	15.57	204	328989	51.926	nq	98
62) 4-Nitroaniline	15.59	138	150781	47.391	nq	99
63) Azobenzene	15.86	77	595180	52.800	nq	99
65) 4,6-Dinitro-2-methylphenol	15.65	198	125458	56.288	nq	97
66) n-Nitrosodiphenylamine	15.78	169	588130	51.975	nq	99
67) 4-Bromophenyl-phenylether	16.46	248	224389	51.008	nq	98
68) Hexachlorobenzene	16.58	284	247218	50.161	nq	100
69) Atrazine	16.73	200	236481	60.973	nq	99
70) Pentachlorophenol	16.93	266	268018	106.459	nq	98
71) Phenanthrene	17.31	178	1034770	52.923	nq	100
72) Anthracene	17.40	178	1062361	54.957	nq	99
73) Carbazole	17.67	167	978386	54.902	nq	99
74) Di-n-butylphthalate	18.23	149	1177444	53.467	nq	99
75) Fluoranthene	19.32	202	1256155	55.537	nq	99
77) Benzidine	19.50	184	233628	22.442	nq	97
78) Pyrene	19.69	202	1260899	52.313	nq	99
80) Butylbenzylphthalate	20.57	149	560988	51.073	nq	99
81) Benzo(a)anthracene	21.49	228	1235551	53.415	nq	99
82) 3,3'-Dichlorobenzidine	21.41	252	226386	25.217	nq	96
83) Chrysene	21.56	228	1184507	52.978	nq	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	797214	52.731	nq	98
85) Di-n-octyl phthalate	22.57	149	1384558	52.929	nq	99
86) Indeno(1,2,3-cd)pyrene	28.07	276	1565324	53.662	nq	100
88) Benzo(b)fluoranthene	23.62	252	1324787	53.937	nq	99
89) Benzo(k)fluoranthene	23.68	252	1304506	54.493	nq	99
90) Benzo(a)pyrene	24.44	252	1227997	52.878	nq	98
91) Dibenzo(a,h)anthracene	28.13	278	1283890	55.862	nq	99
92) Benzo(g,h,i)perylene	29.16	276	1304565	56.701	nq	99

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

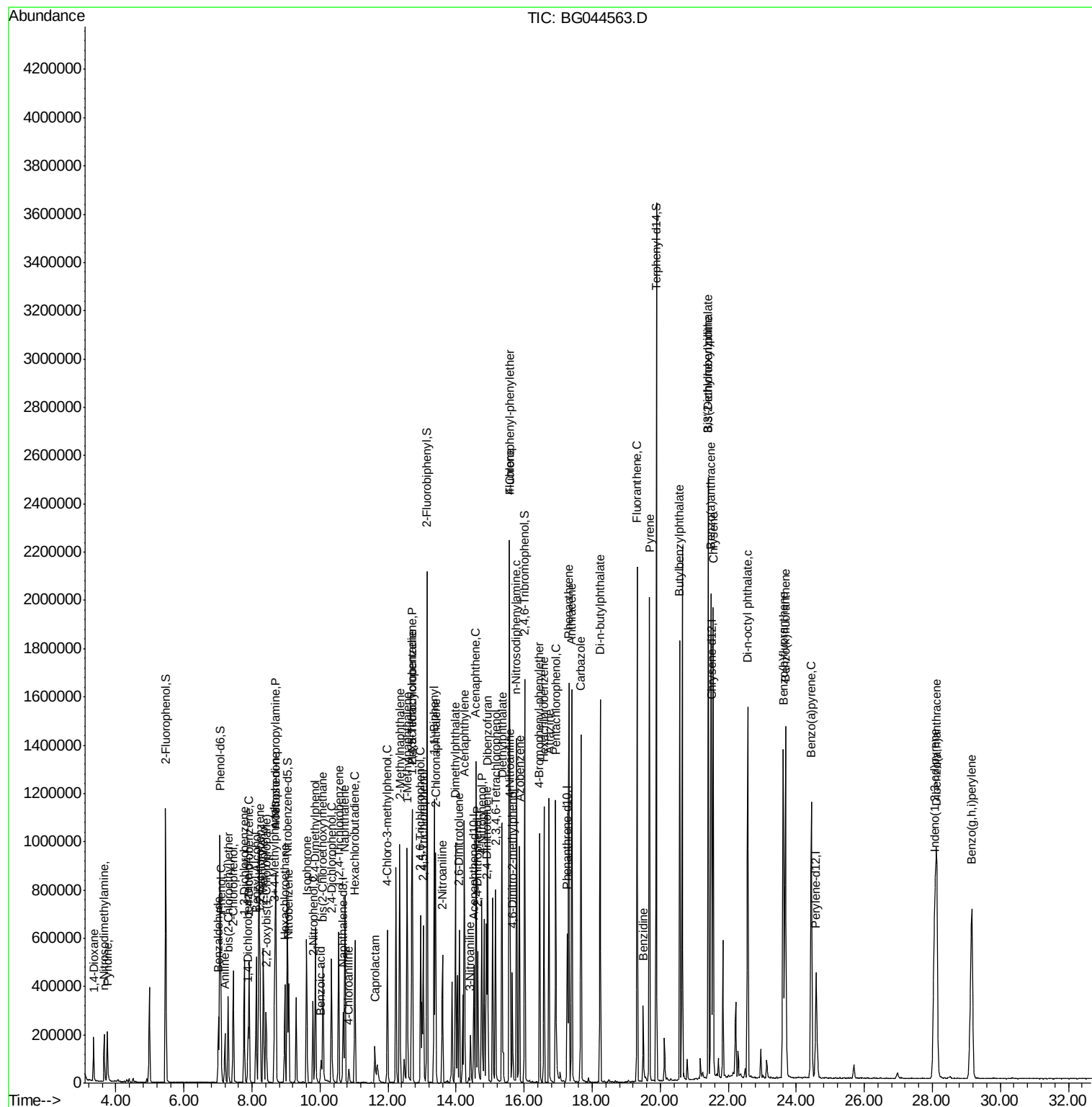
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022120\
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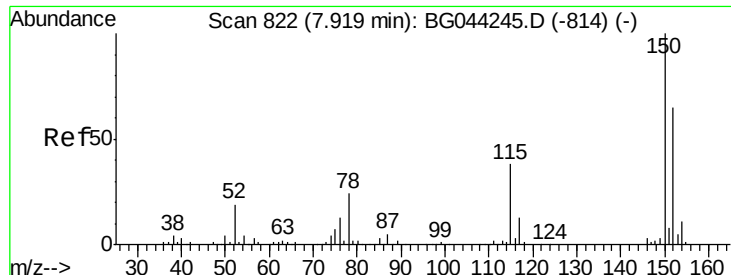
Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

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#1

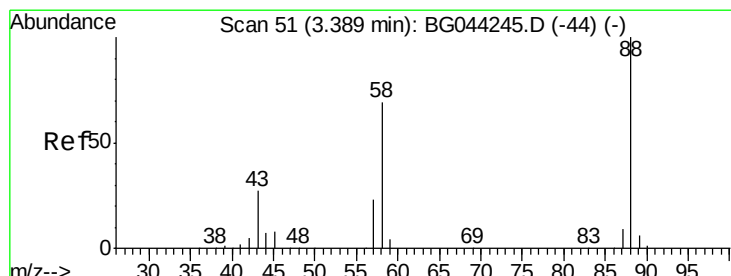
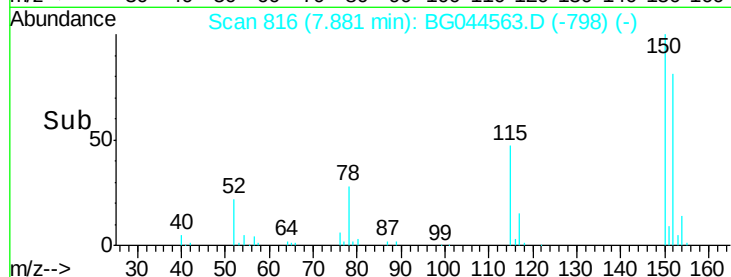
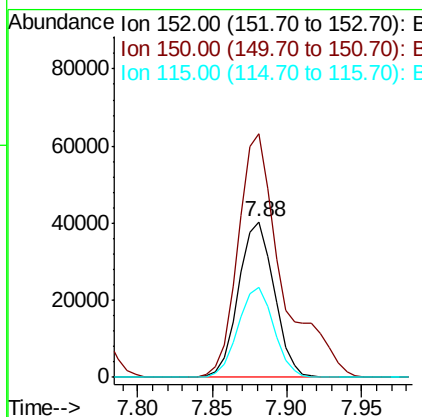
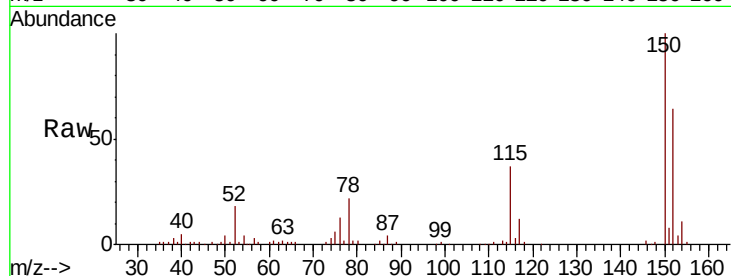
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.1	184.7
115	57.8	45.1	67.7

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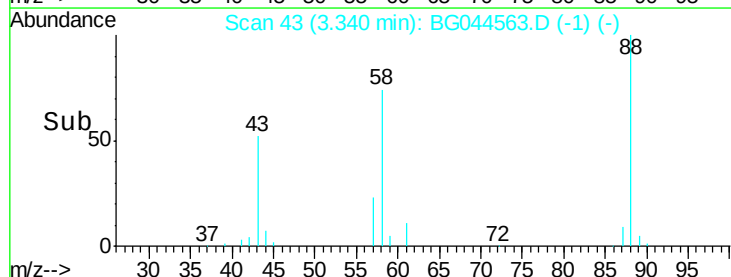
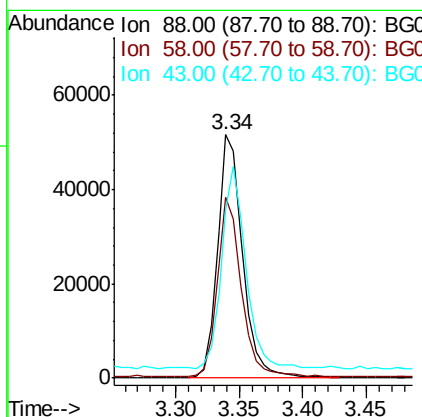
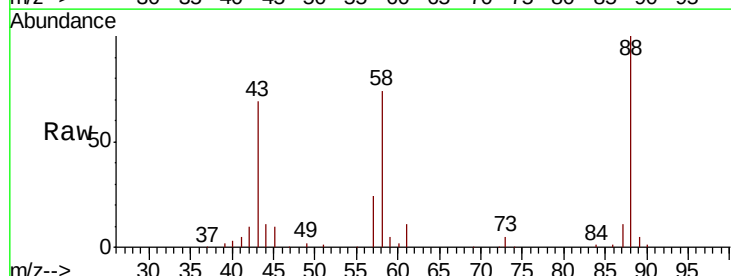
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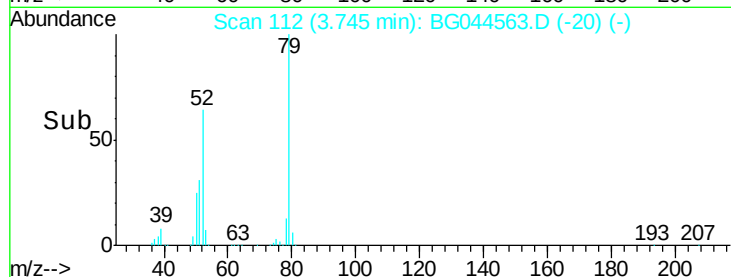
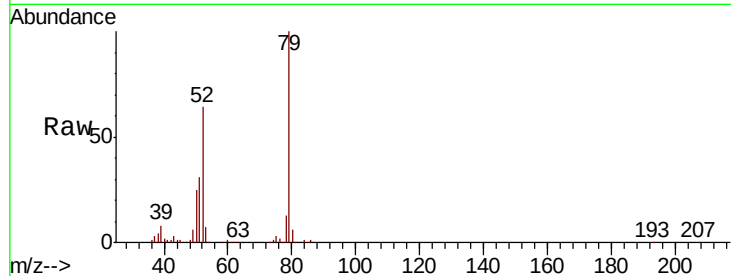
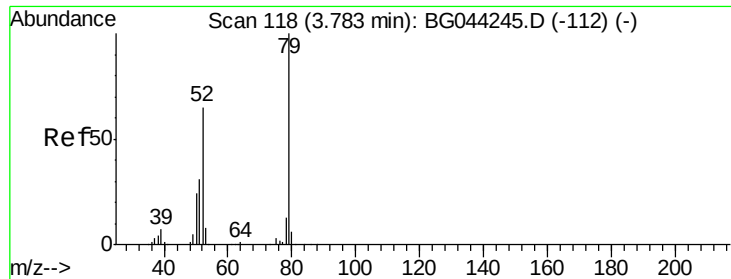


#2

1,4-Dioxane
 Concen: 41.825 ng
 RT: 3.34 min Scan# 43
 Delta R.T. 0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	54.8	82.2
43	79.1	21.2	31.8





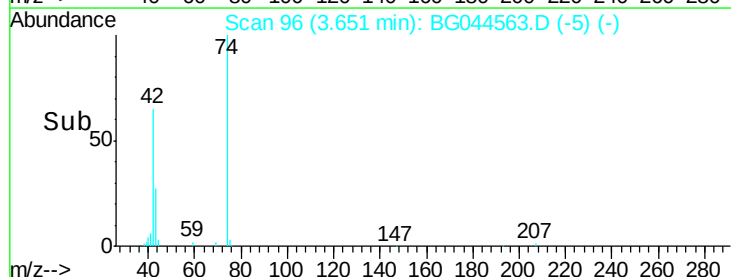
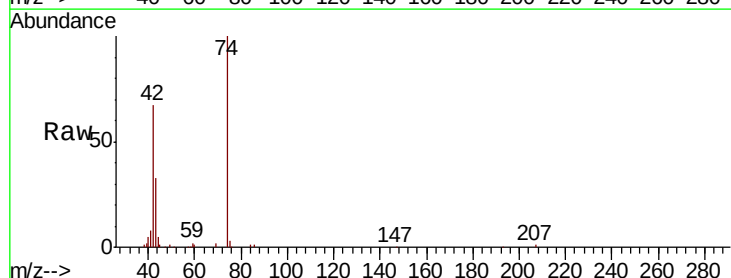
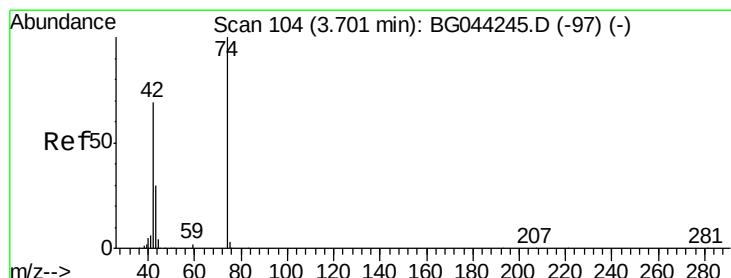
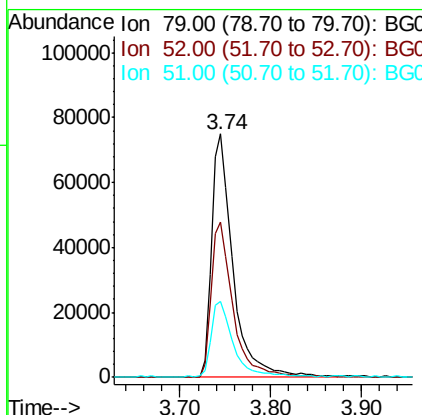
#3
 Pvridine
 Concen: 27.140 ng
 RT: 3.74 min Scan# 112
 Delta R.T. 0.01 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.1	53.0	79.4
51	31.3	25.7	38.5

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

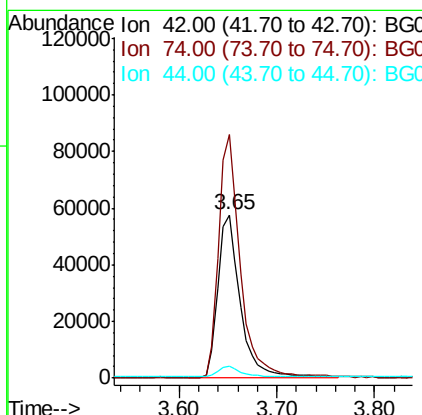
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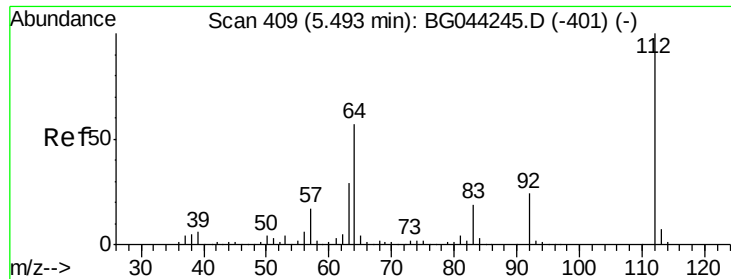
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#4
 n-Nitrosodimethylamine
 Concen: 47.819 ng
 RT: 3.65 min Scan# 96
 Delta R.T. 0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.9	118.4	177.6
44	7.3	6.0	9.0





#5

2-Fluorophenol

Concen: 145.037 ng

RT: 5.46 min Scan# 404

Delta R.T. 0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

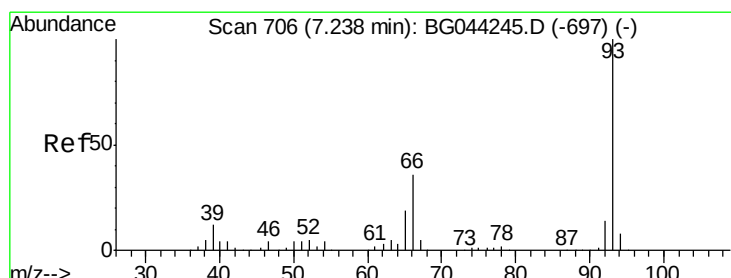
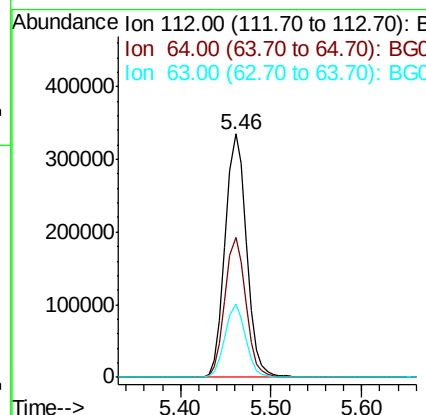
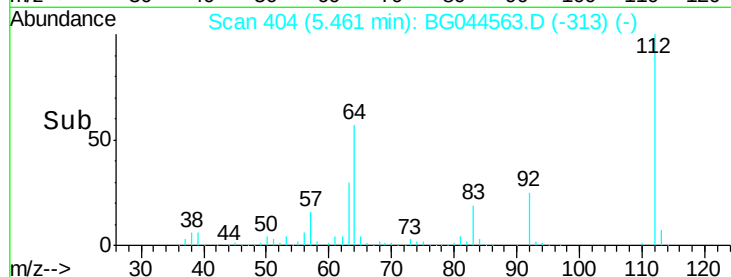
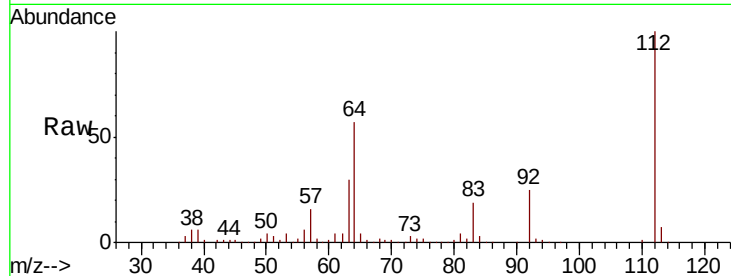
ClientSampleId :

BU-03-021820MSD

Tot Ion:	112	Resp:	549293
Ion Ratio	Lower	Upper	
112	100		
64	57.5	44.5	66.7
63	30.1	22.2	33.2

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#6

Aniline

Concen: 23.560 ng

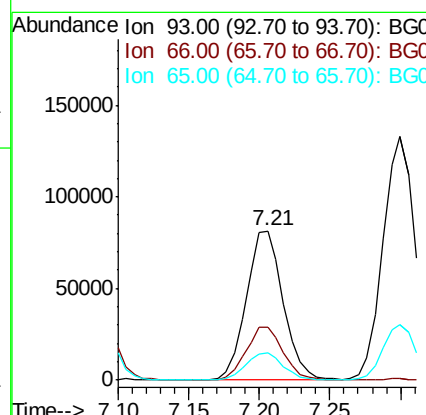
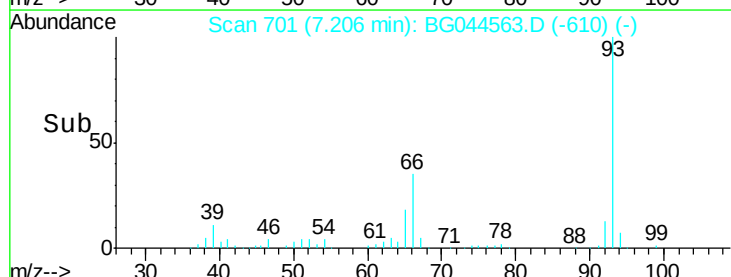
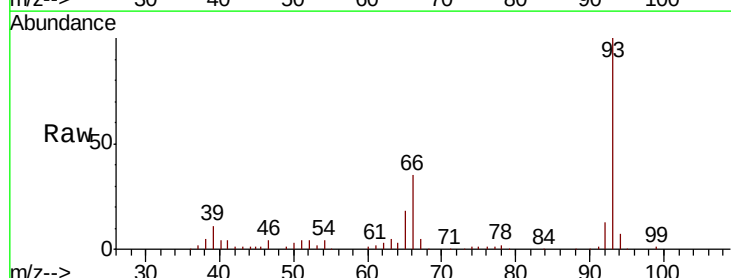
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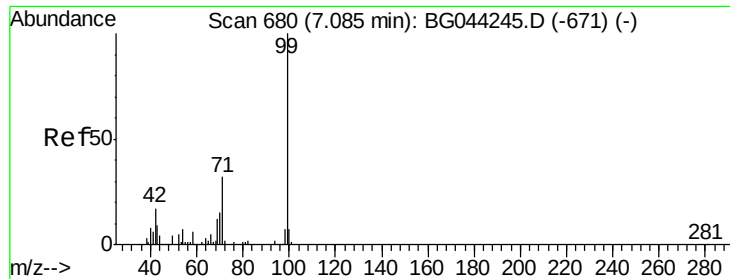
Delta R.T. 0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Tgt Ion:	93	Resp:	148726
Ion Ratio	Lower	Upper	
93	100		
66	35.1	29.6	44.4
65	18.4	15.0	22.4





#7

Phenol-d6

Concen: 130.547 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

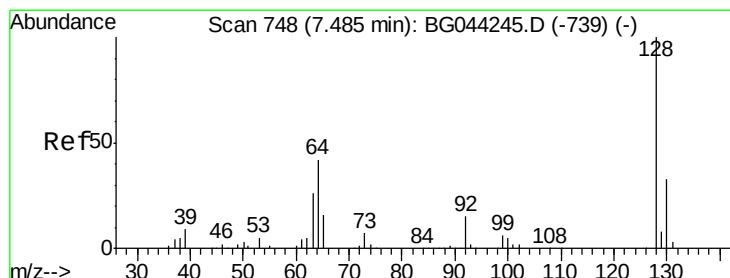
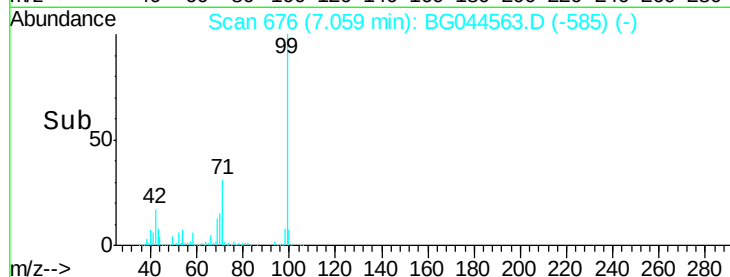
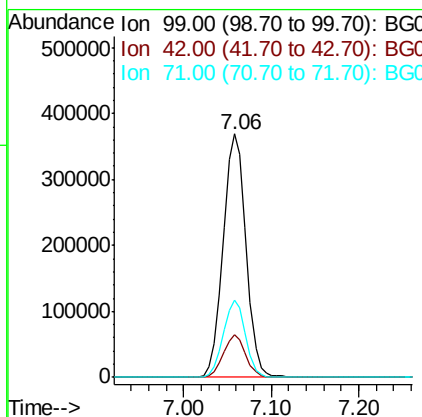
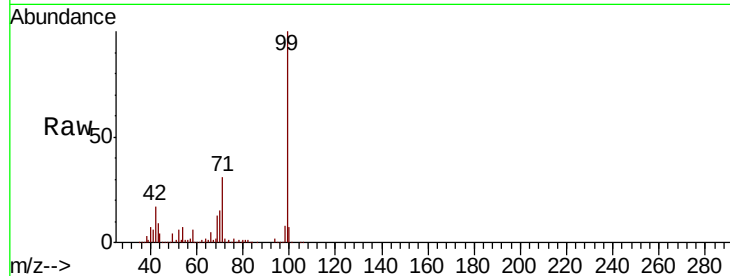
ClientSampleId :

BU-03-021820MSD

Tot Ion:	99	Resp:	663925
Ion Ratio	Lower	Upper	
99	100		
42	17.3	13.4	20.0
71	31.5	24.7	37.1

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#8

2-Chlorophenol

Concen: 56.039 ng

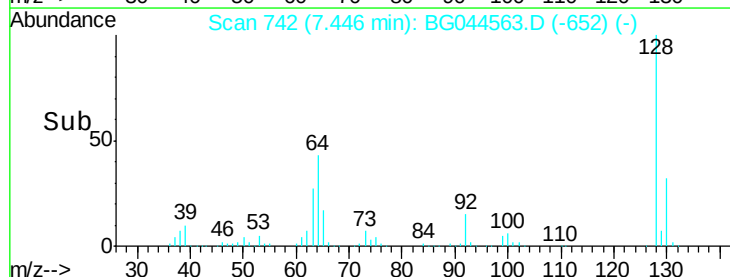
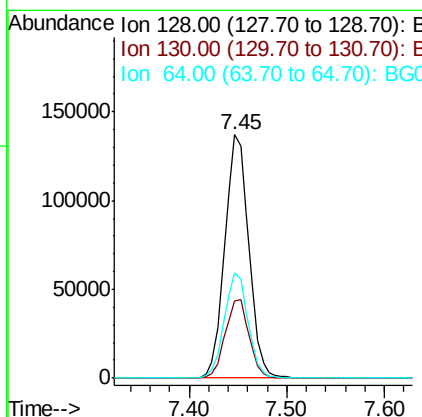
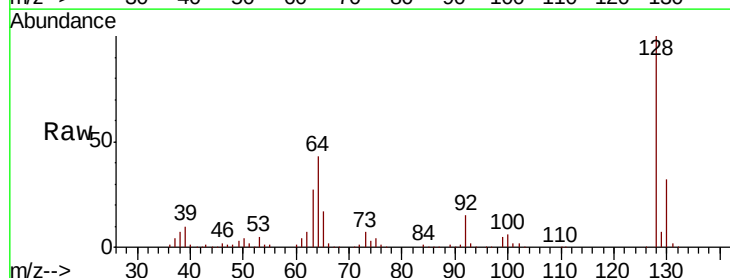
RT: 7.45 min Scan# 742

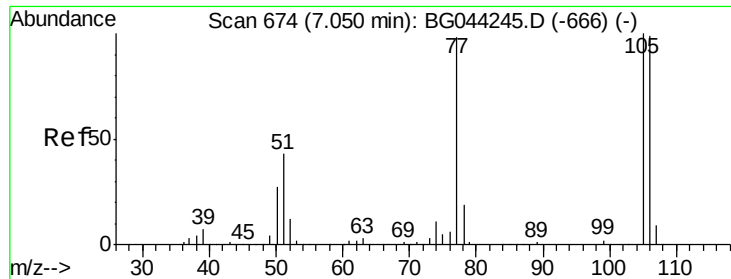
Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Tgt Ion:	128	Resp:	233249
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.5	52.5
64	43.4	22.7	62.7





#9

Benzaldehyde

Concen: 34.891 ng

RT: 7.01 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

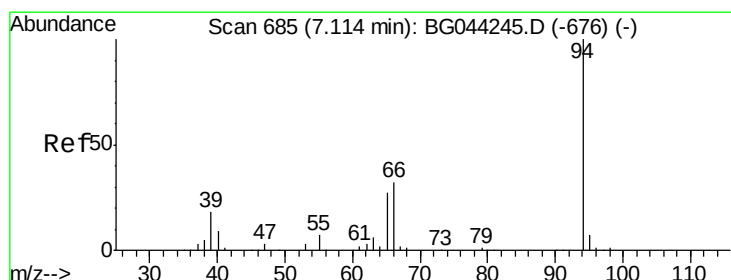
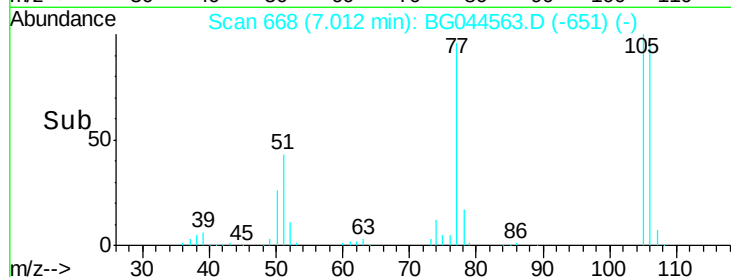
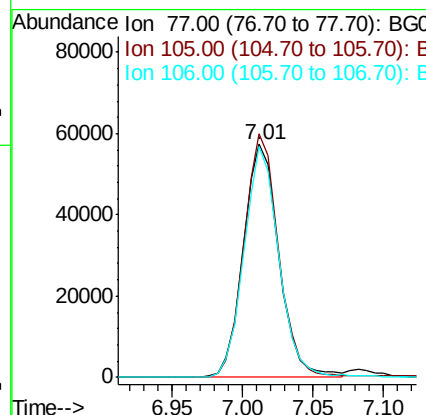
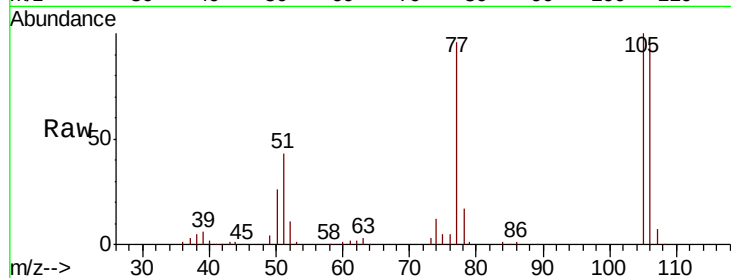
ClientSampleId :

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Tot Ion:	77	Resp:	101062
Ion	Ratio	Lower	Upper
77	100		
105	104.4	80.0	120.0
106	99.2	75.4	115.4

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#10

Phenol

Concen: 49.040 ng

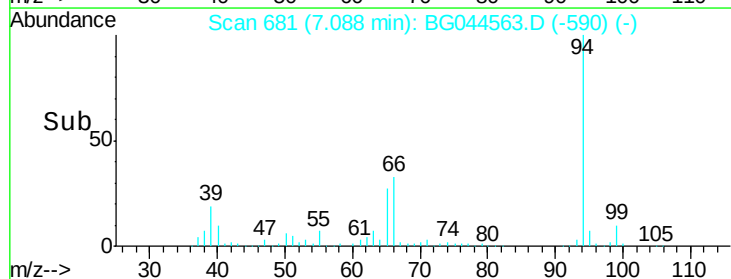
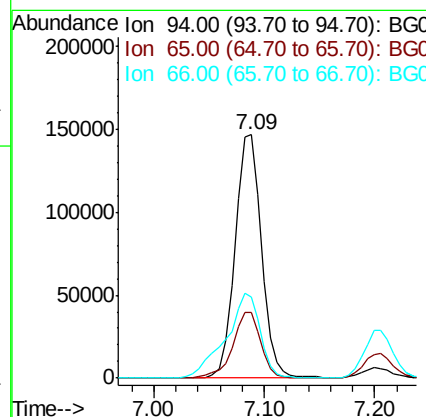
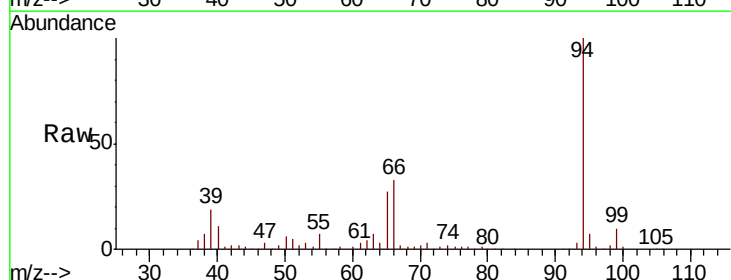
RT: 7.09 min Scan# 681

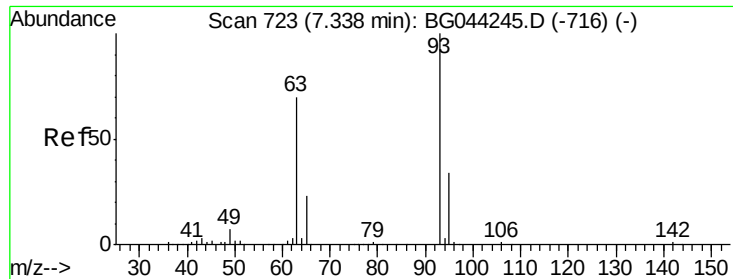
Delta R.T. 0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Tgt Ion:	94	Resp:	246824
Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.3	47.3
66	33.3	15.4	55.4





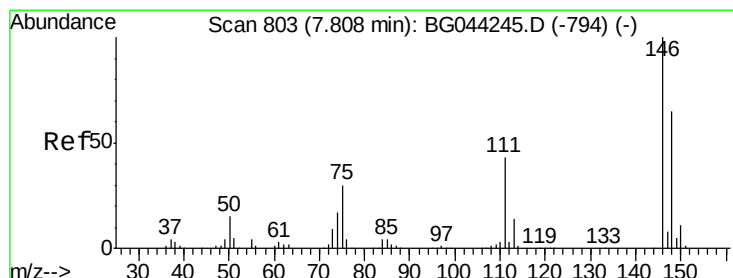
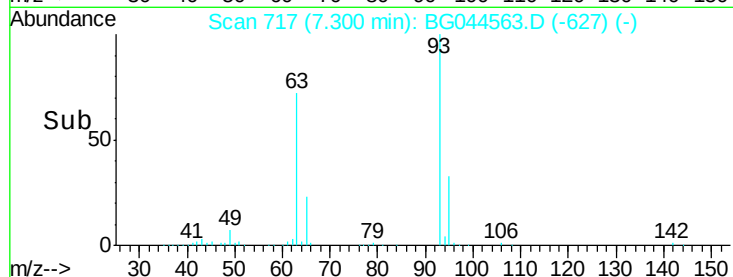
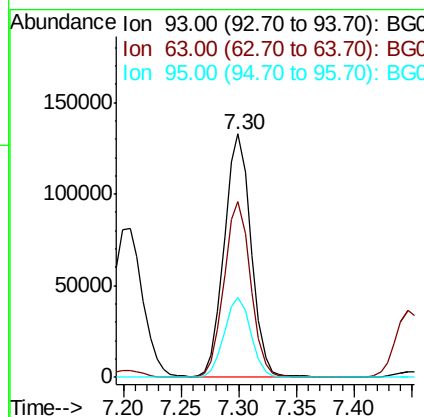
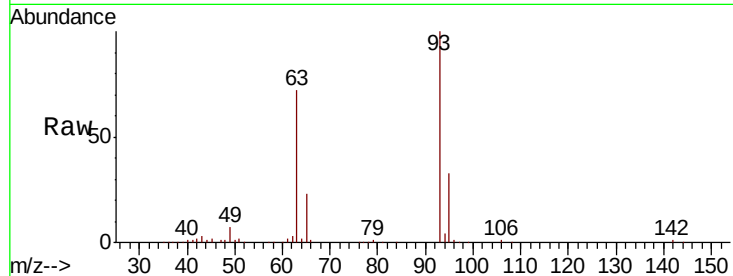
#11
bis(2-Chloroethyl)ether
Concen: 50.042 ng
RT: 7.30 min Scan# 717
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion:	93	Resp:	215330
Ion Ratio	Lower	Upper	
93	100		
63	71.9	50.8	90.8
95	32.9	11.7	51.7

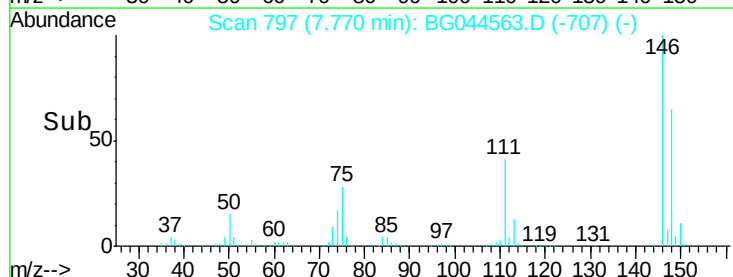
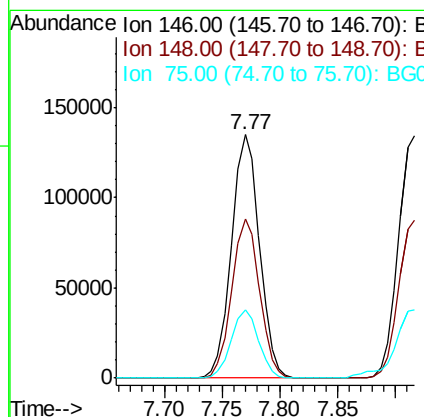
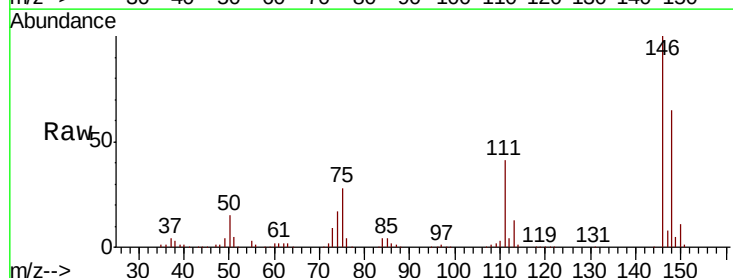
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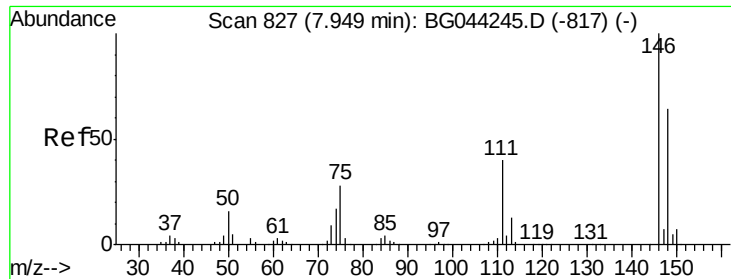
mohammad
2/24/2020 3:30:30 PM



#12
1,3-Dichlorobenzene
Concen: 45.647 ng
RT: 7.77 min Scan# 797
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion:	146	Resp:	226849
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.4	77.2
75	27.9	21.9	32.9





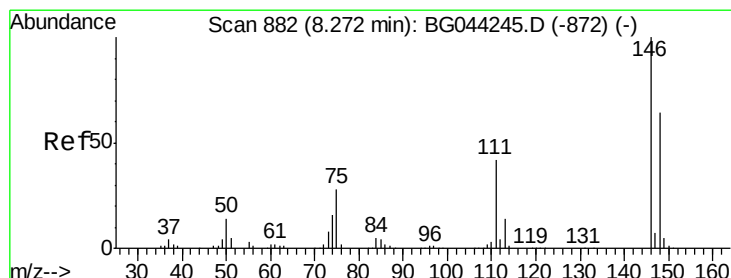
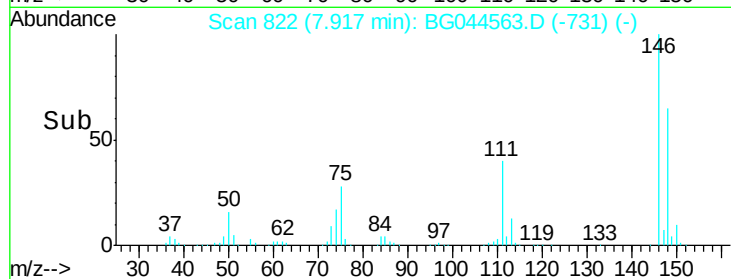
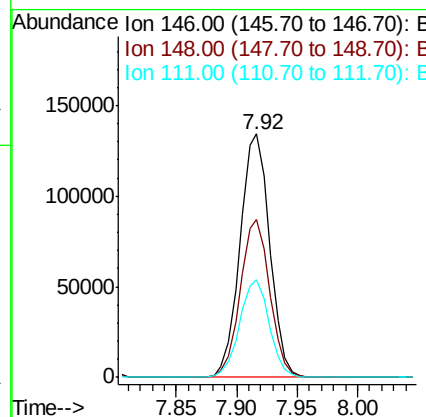
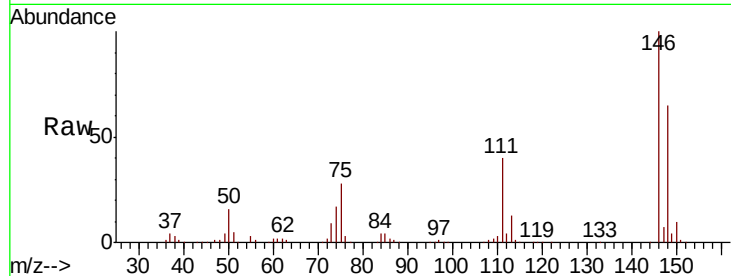
#13
 1,4-Dichlorobenzene
 Concen: 46.797 ng
 RT: 7.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		230337		
148	65.1	49.9	74.9		
111	40.0	31.0	46.6		

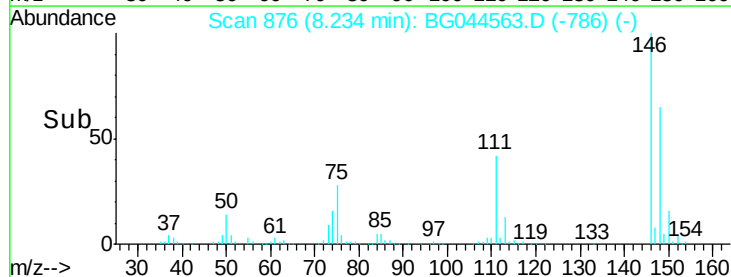
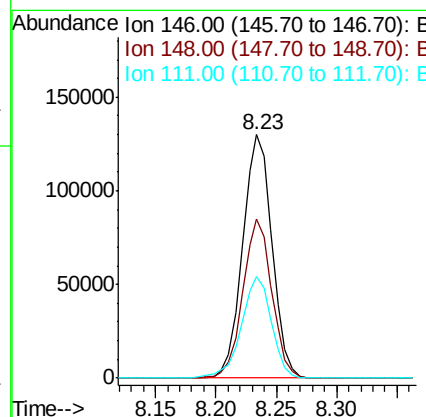
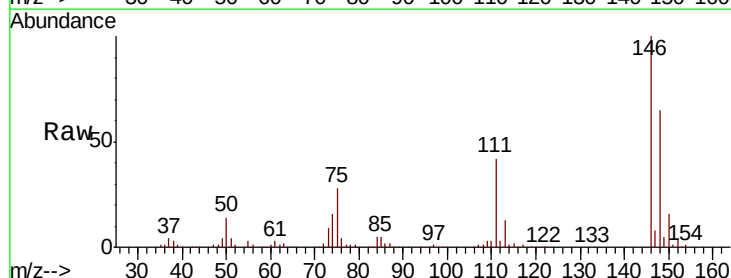
Manual Integrations
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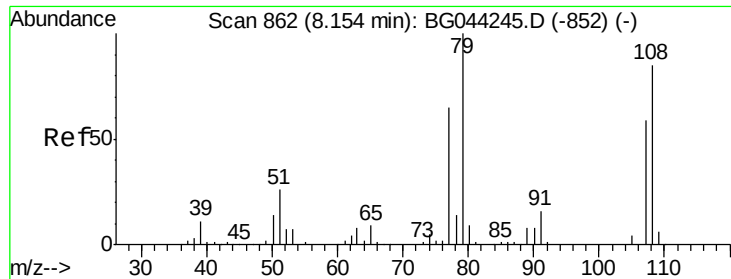
mohammad
 2/24/2020 3:30:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 47.165 ng
 RT: 8.23 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		219430		
148	65.2	51.9	77.9		
111	41.9	33.1	49.7		





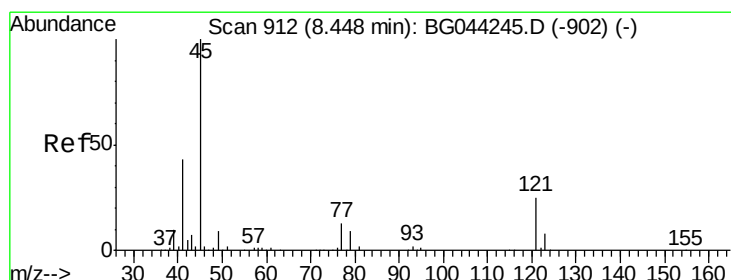
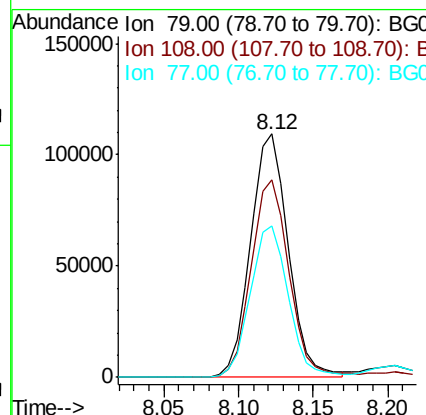
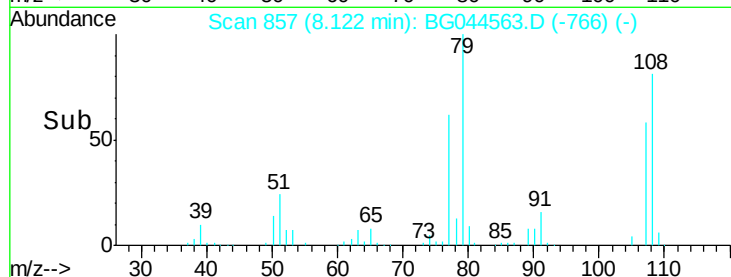
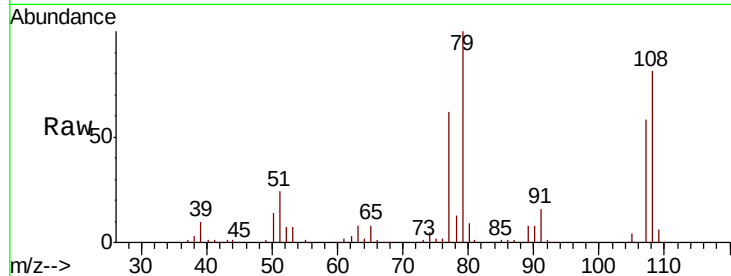
#15
Benzyl Alcohol
Concen: 53.064 ng
RT: 8.12 min Scan# 857
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100	191059		
108	81.1	66.0	99.0	
77	62.1	50.7	76.1	

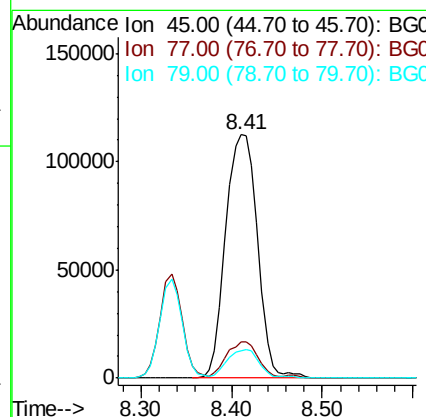
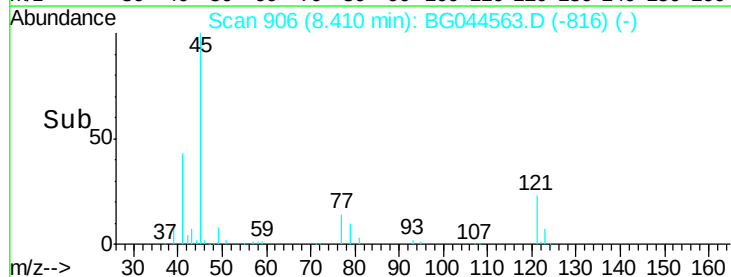
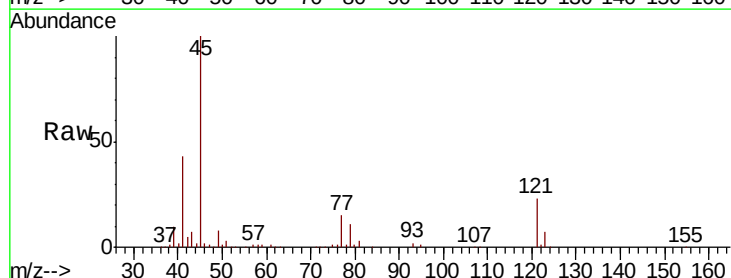
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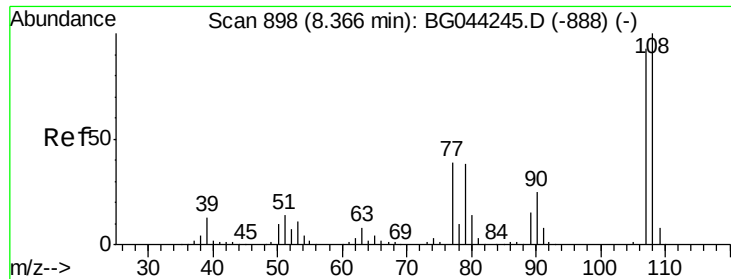
mohammad
2/24/2020 3:30:30 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.040 ng
RT: 8.41 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	273963		
77	14.9	0.0	35.2	
79	11.4	0.0	30.9	





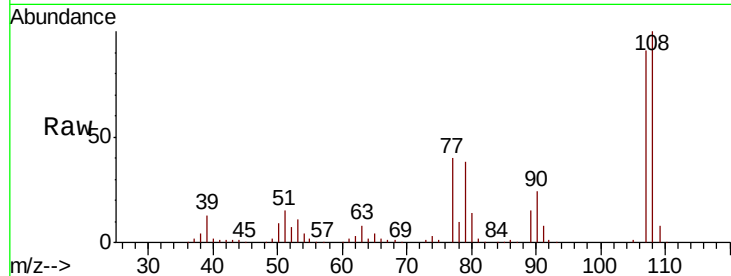
#17
2-Methylphenol
Concen: 53.241 ng
RT: 8.33 min Scan# 893
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

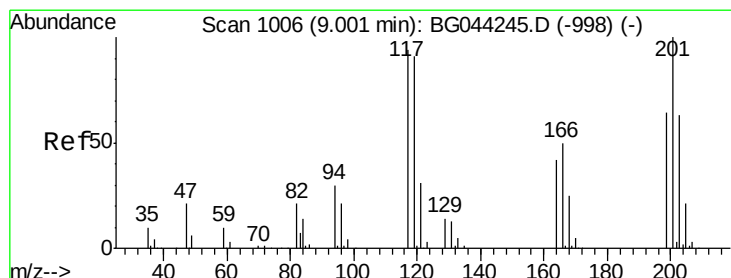
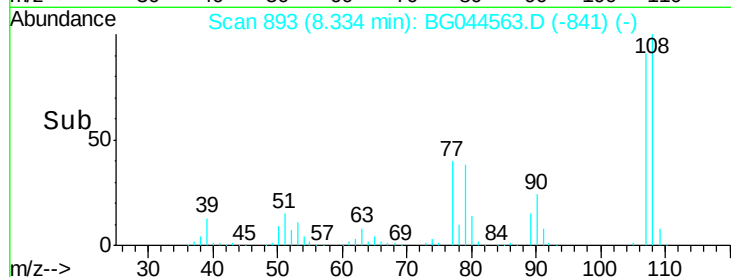
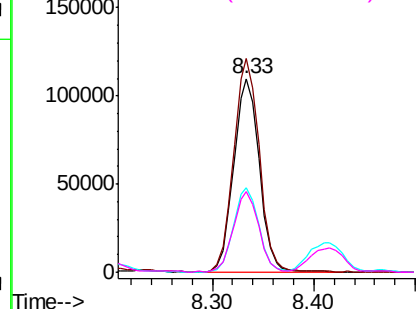
Tot Ion	Ratio	Resp	Lower	Upper
107	100	191193		
108	110.3	88.1	132.1	
77	43.7	33.8	50.6	
79	41.9	32.7	49.1	

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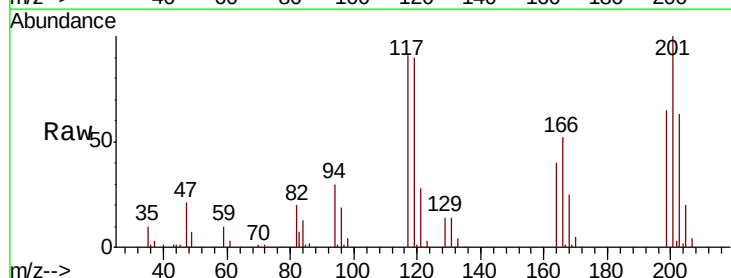


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

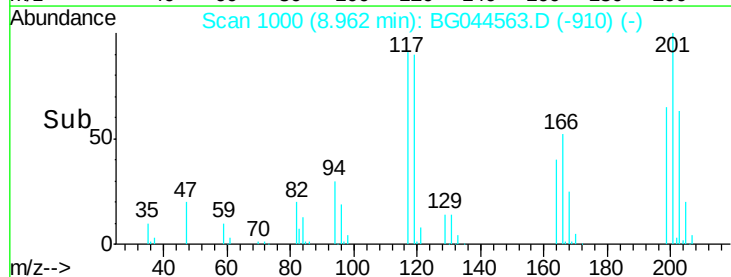
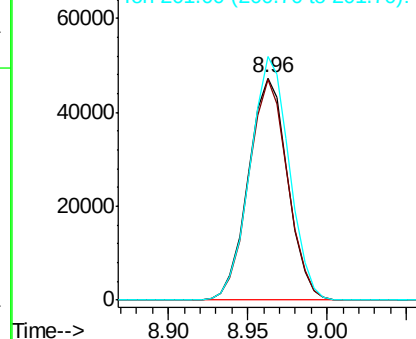


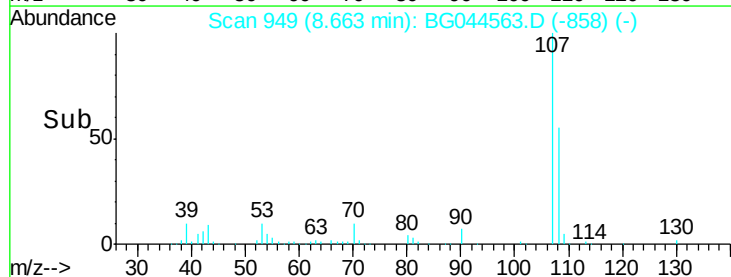
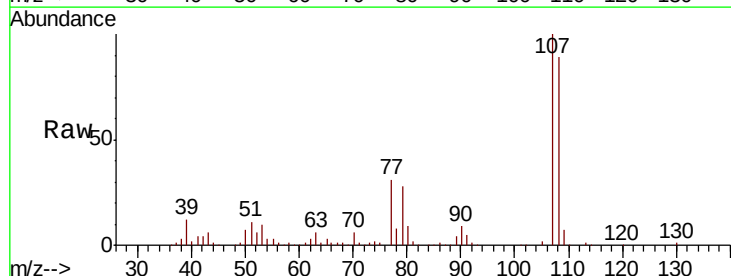
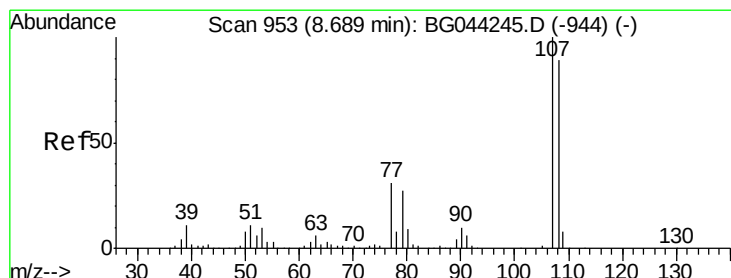
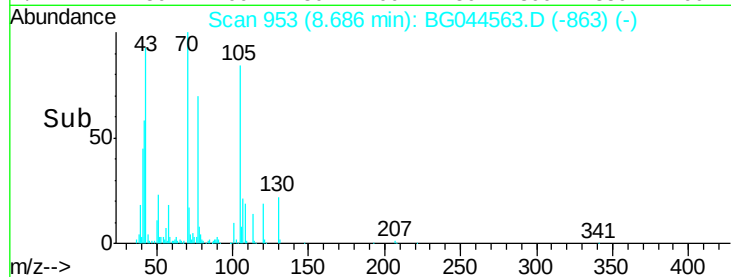
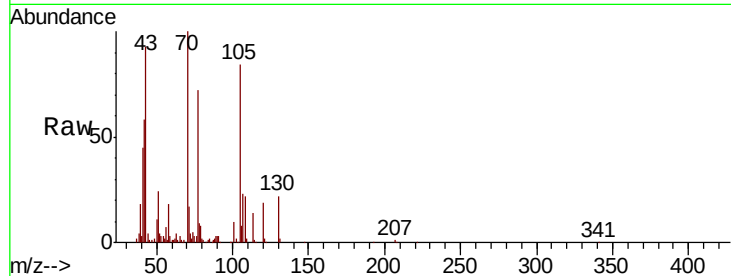
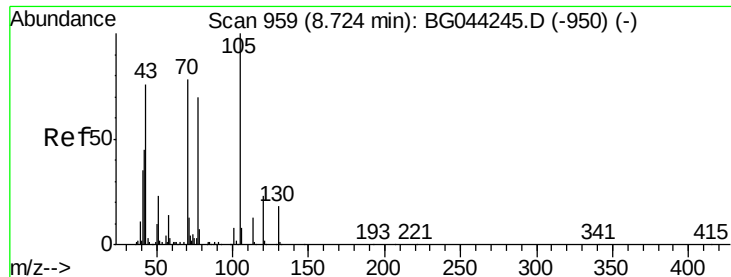
#18
Hexachloroethane
Concen: 44.129 ng
RT: 8.96 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81508		
119	99.1	75.5	113.3	
201	109.6	88.6	133.0	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





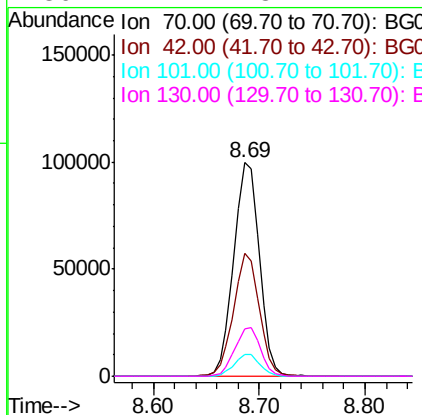
#19
n-Nitroso-di-n-propylamine
Concen: 49.368 ng
RT: 8.69 min Scan# 953
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	44.0	66.0	
101	10.3	7.6	11.4	
130	22.1	18.2	27.2	

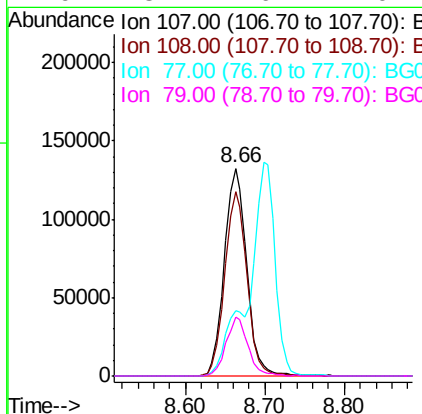
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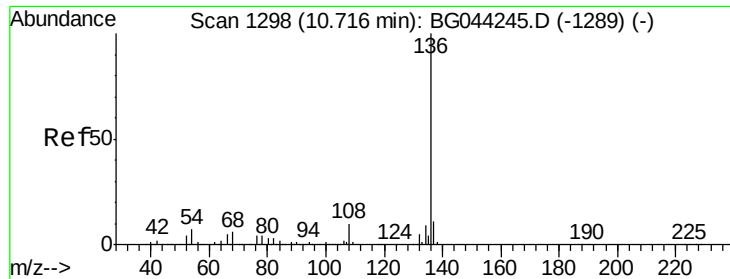
mohammad
2/24/2020 3:30:30 PM



#20
3+4-Methylphenols
Concen: 52.412 ng
RT: 8.66 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	69.2	109.2	
77	31.3	10.5	50.5	
79	28.2	6.4	46.4	





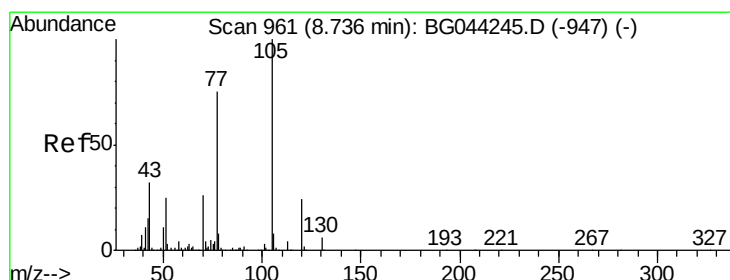
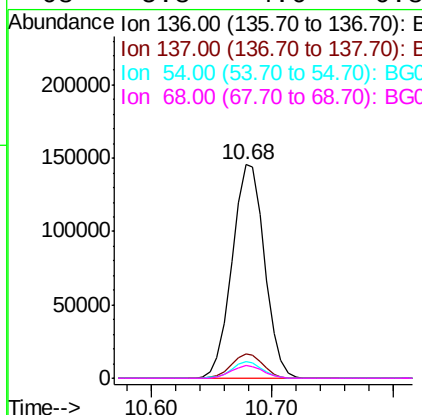
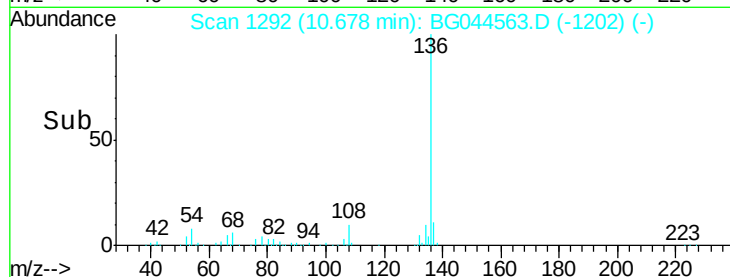
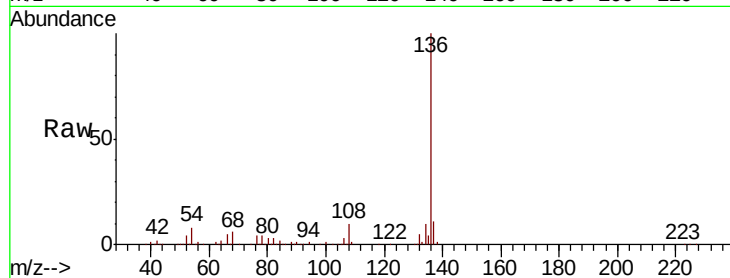
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	272181		
137	11.2		9.0	13.6
54	7.5		5.5	8.3
68	5.8		4.6	6.8

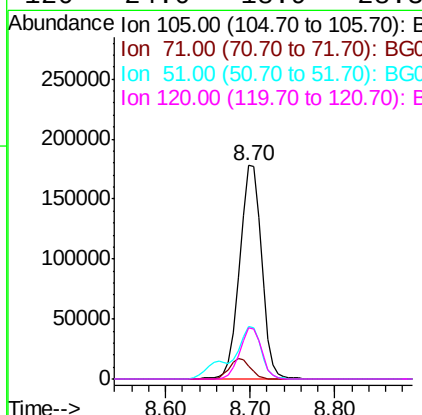
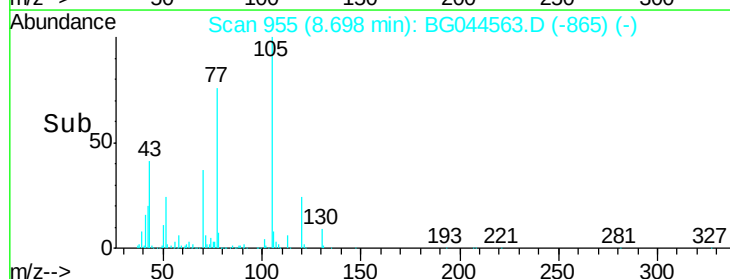
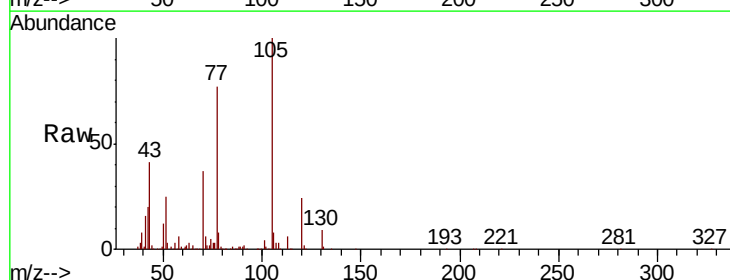
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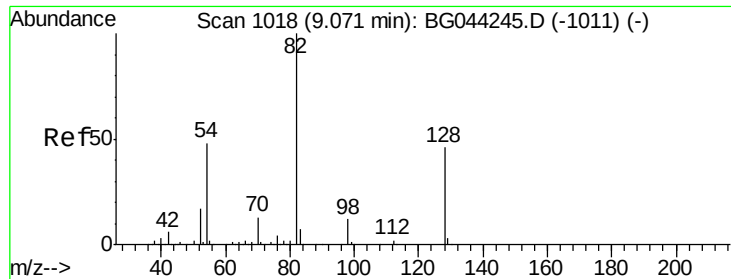
mohammad
2/24/2020 3:30:30 PM



#22
Acetophenone
Concen: 48.135 ng
RT: 8.70 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	318717		
71	6.0		4.2	6.4
51	24.6		20.1	30.1
120	24.0		18.9	28.3





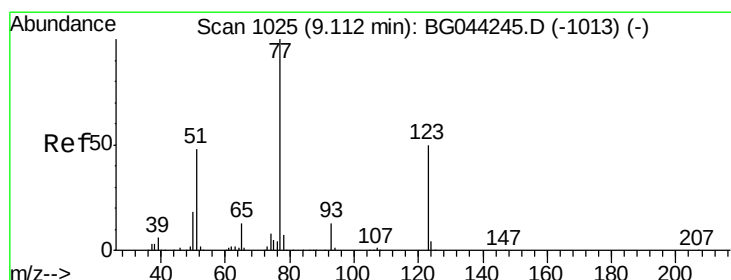
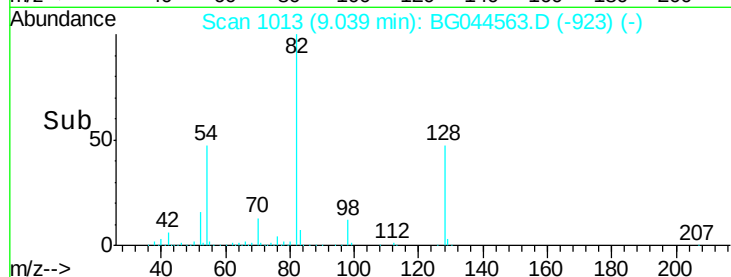
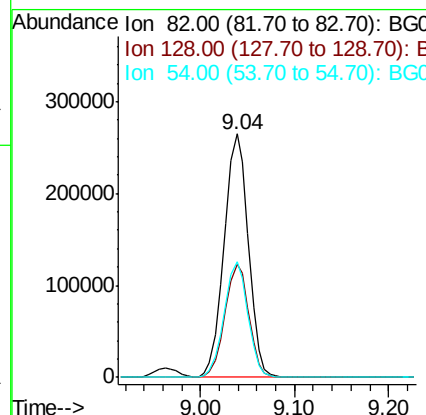
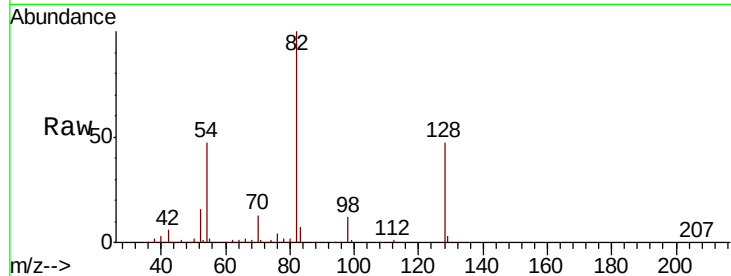
#23
 Nitrobenzene-d5
 Concen: 98.843 ng
 RT: 9.04 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	476532		
128	46.5	39.1	58.7	
54	47.2	37.9	56.9	

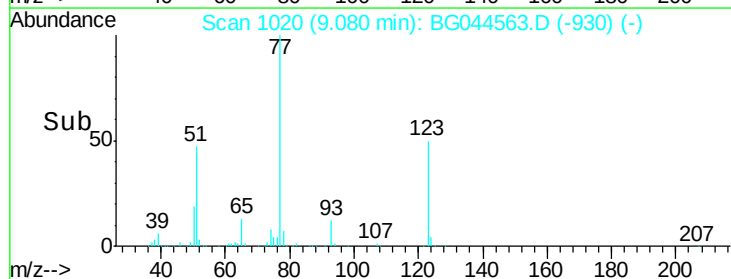
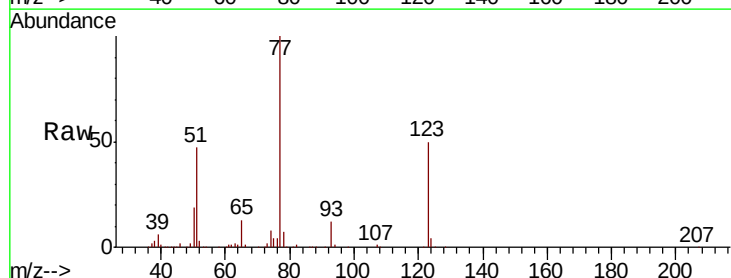
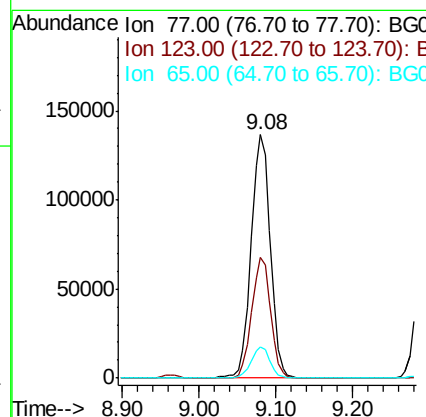
Manual Integrations
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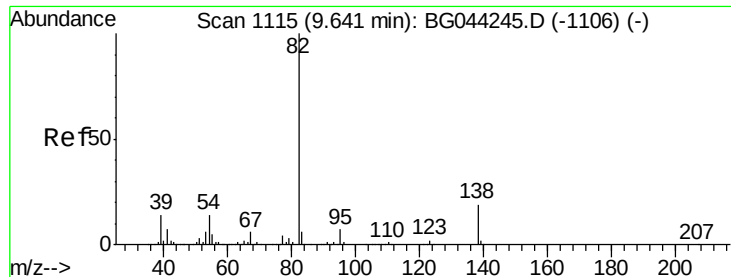
mohammad
 2/24/2020 3:30:30 PM



#24
 Nitrobenzene
 Concen: 50.796 ng
 RT: 9.08 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	239075		
123	49.7	40.2	60.2	
65	12.9	10.8	16.2	





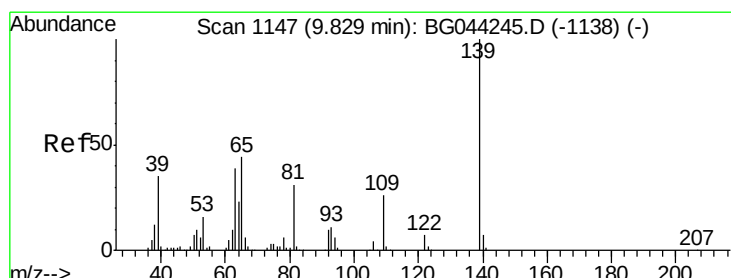
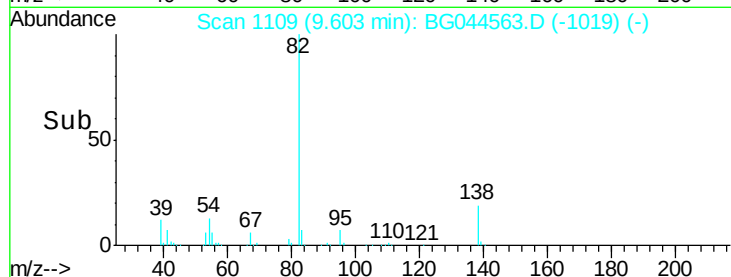
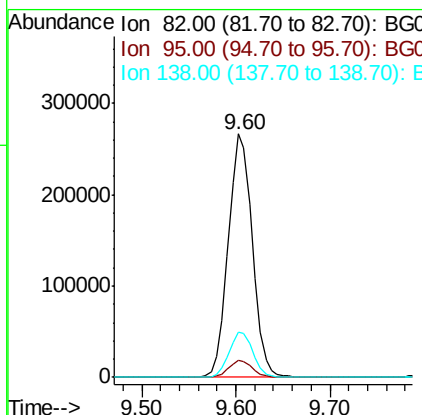
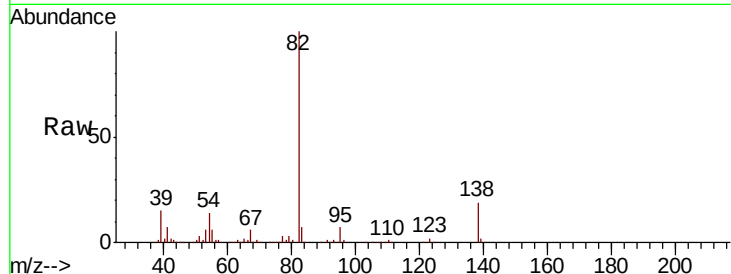
#25
Isophorone
Concen: 52.575 ng
RT: 9.60 min Scan# 1109
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.5	8.3
138	18.5	14.6	22.0

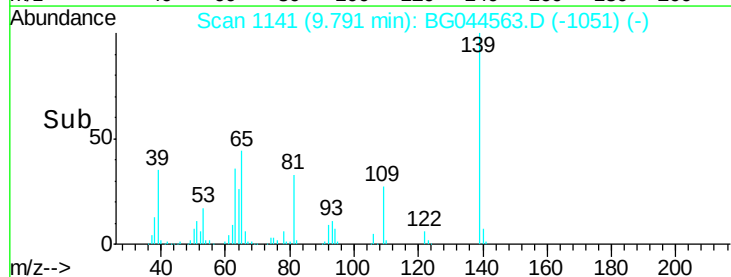
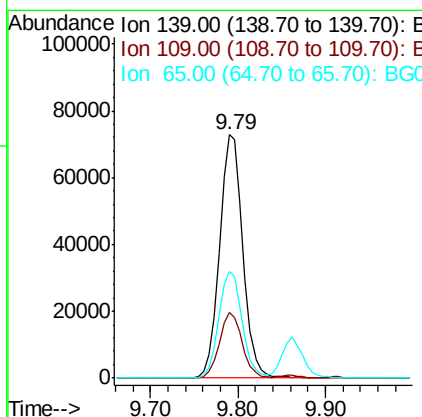
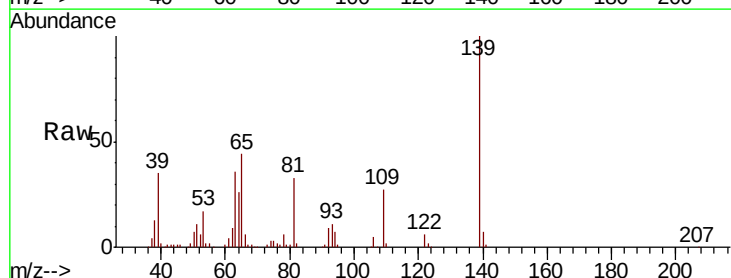
Manual Integrations
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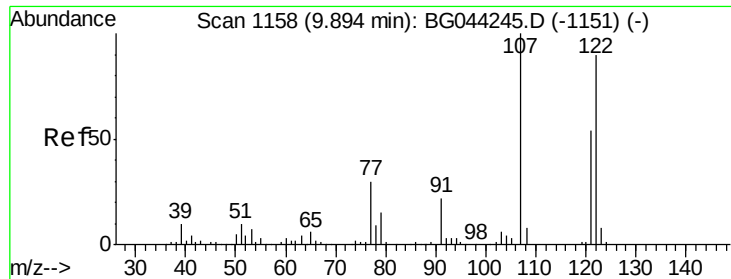
mohammad
2/24/2020 3:30:30 PM



#26
2-Nitrophenol
Concen: 54.717 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.8	20.1	30.1
65	43.8	35.4	53.2





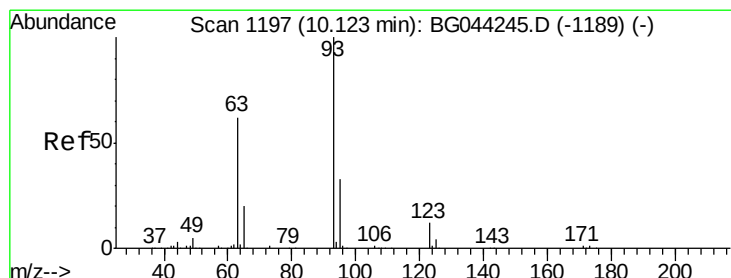
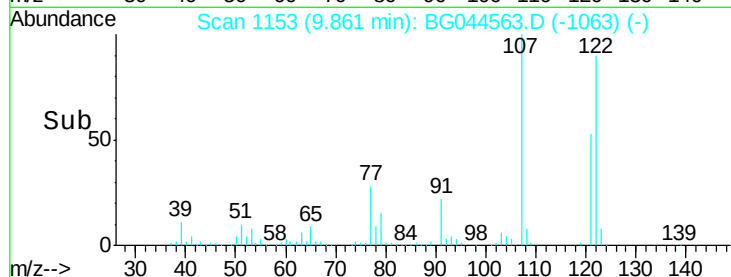
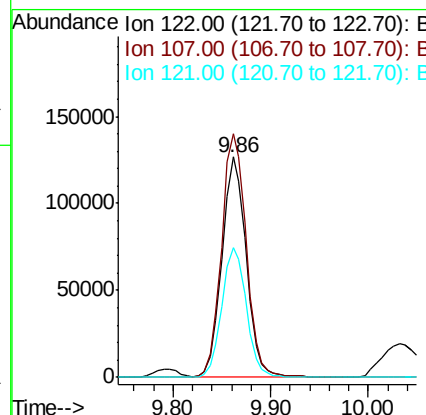
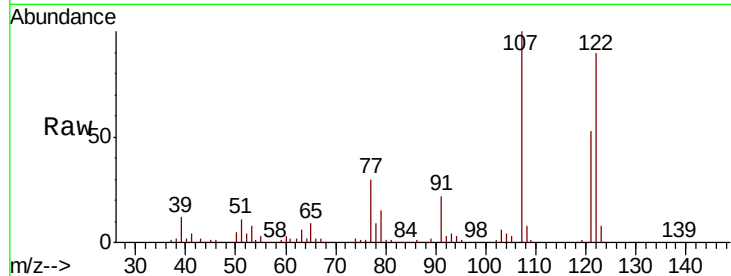
#27
2,4-Dimethylphenol
Concen: 63.427 ng
RT: 9.86 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	89.8	134.8
121	58.8	48.1	72.1

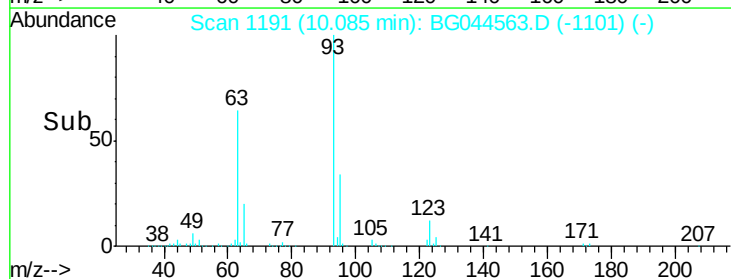
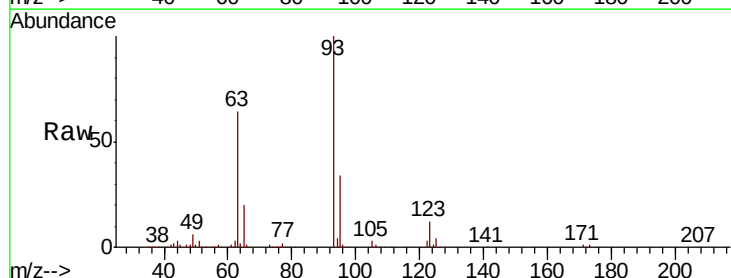
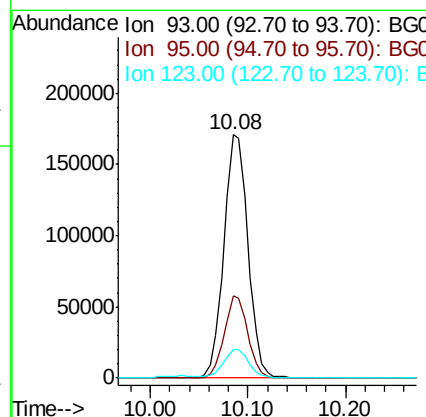
Manual Integrations
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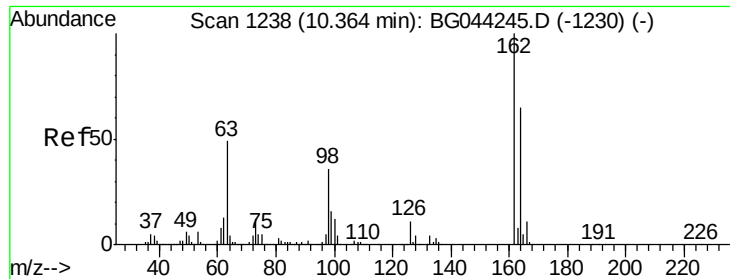
mohammad
2/24/2020 3:30:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.786 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.5	39.7
123	11.6	9.4	14.0





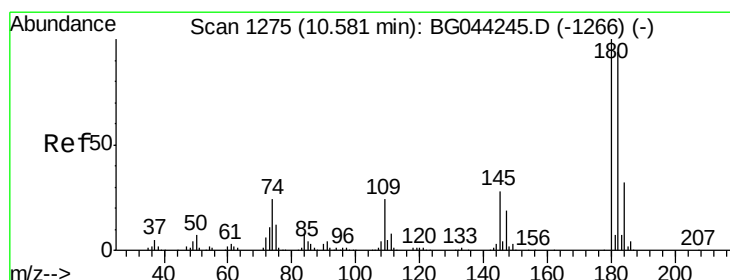
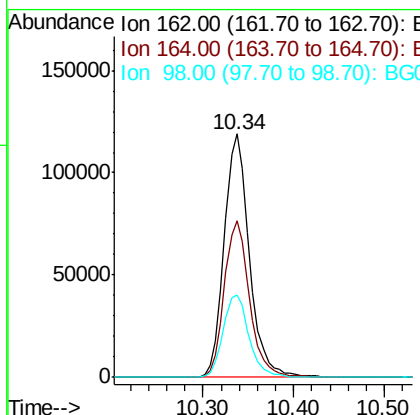
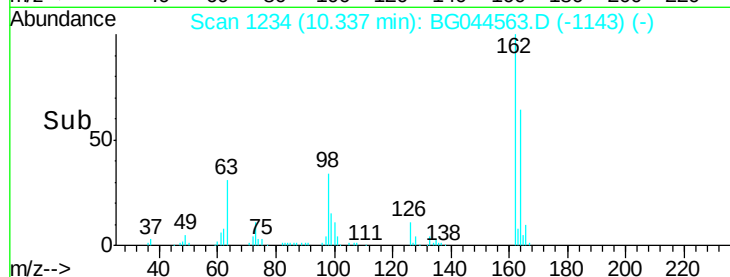
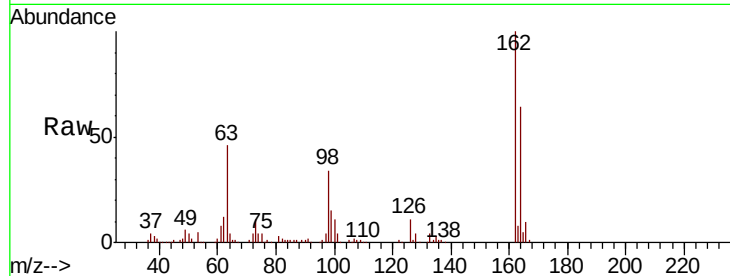
#29
2,4-Dichlorophenol
Concen: 54.985 ng
RT: 10.34 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	229204		
164	64.1	45.5	85.5	
98	33.8	15.1	55.1	

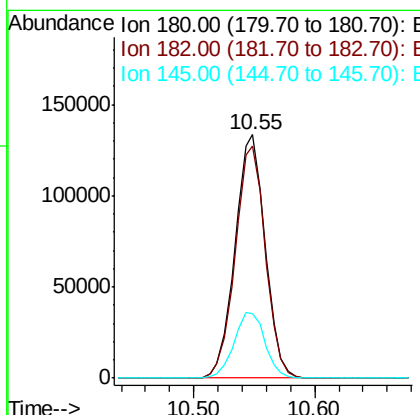
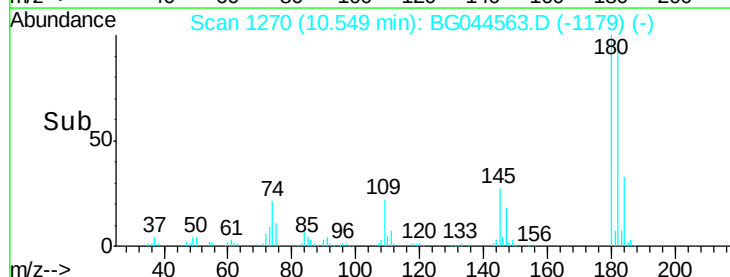
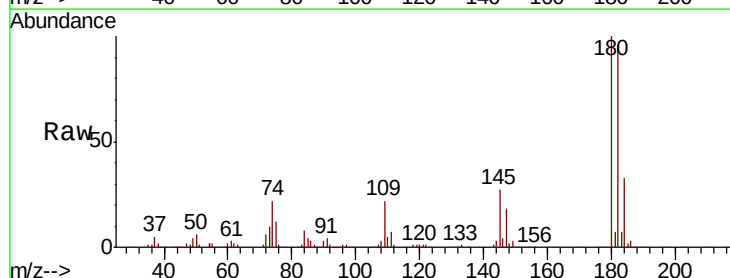
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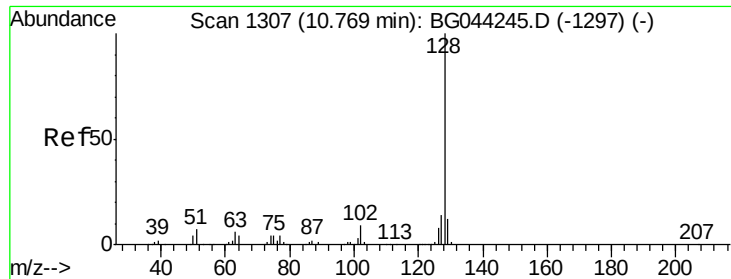
mohammad
2/24/2020 3:30:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 48.425 ng
RT: 10.55 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	231459		
182	95.5	74.4	111.6	
145	26.6	23.0	34.6	





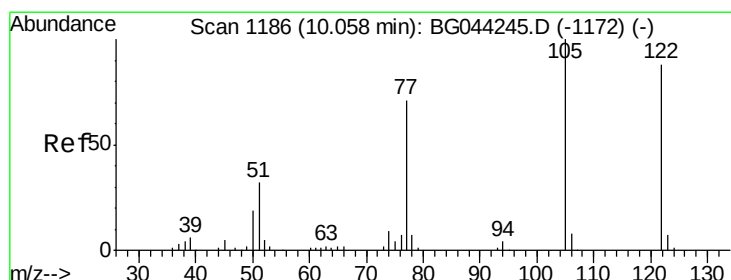
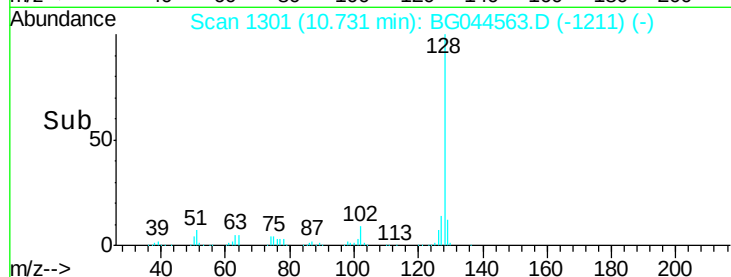
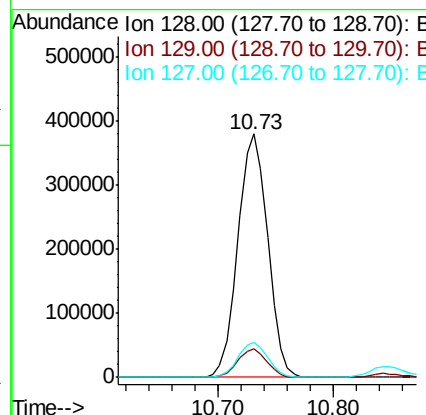
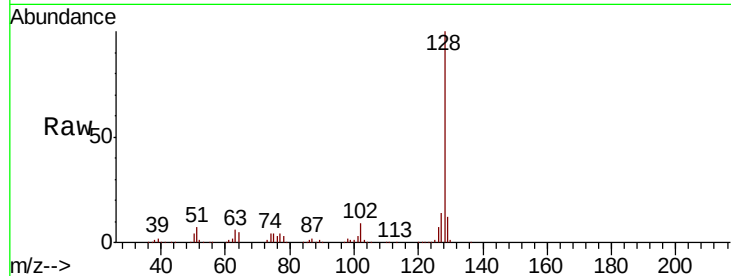
#31
Naphthalene
Concen: 51.275 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	14.2	11.4	17.0

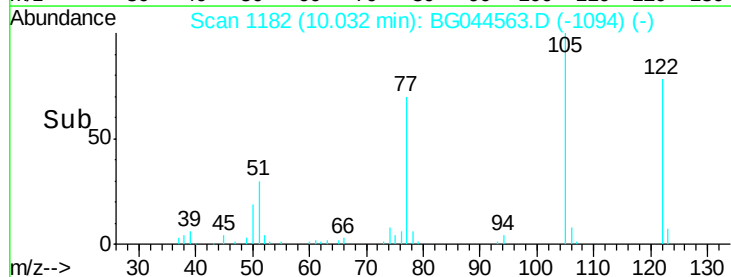
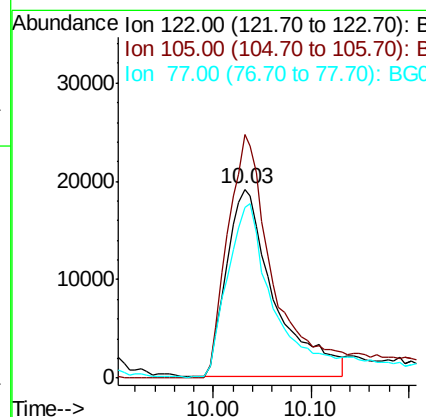
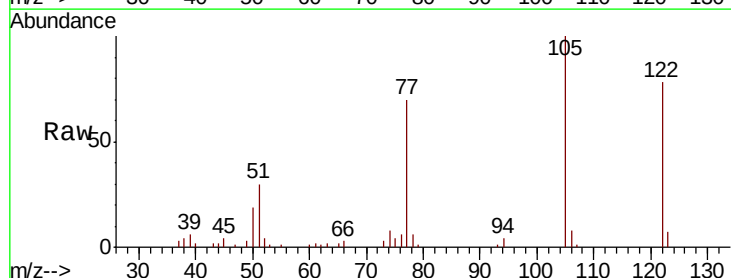
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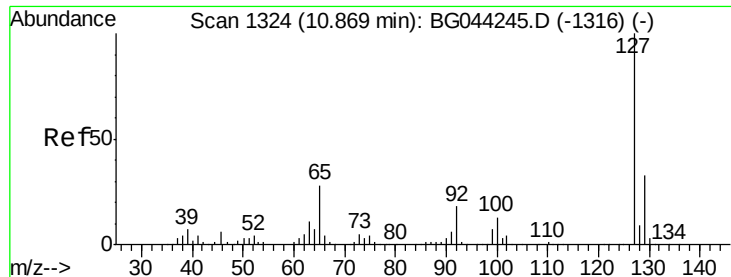
mohammad
2/24/2020 3:30:30 PM



#32
Benzoic acid
Concen: 34.139 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	101.4	141.4
77	90.6	68.6	108.6





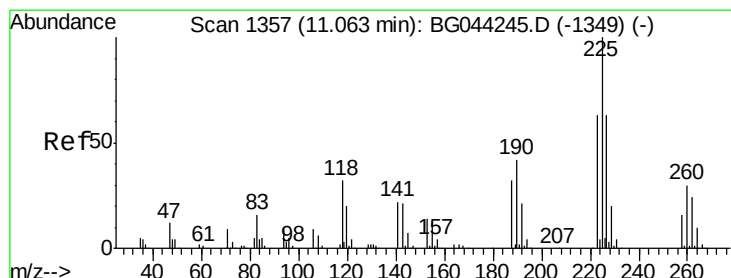
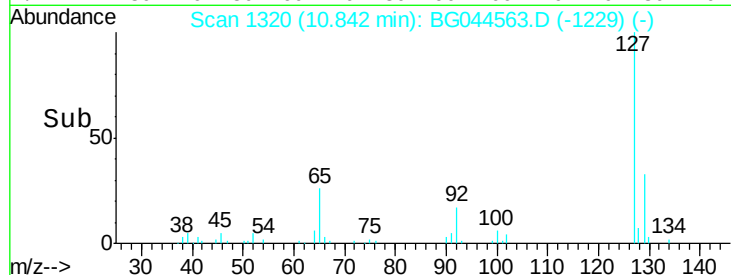
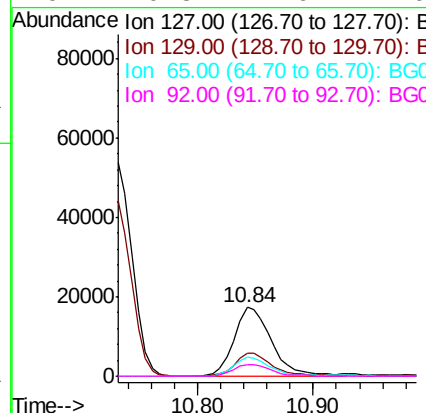
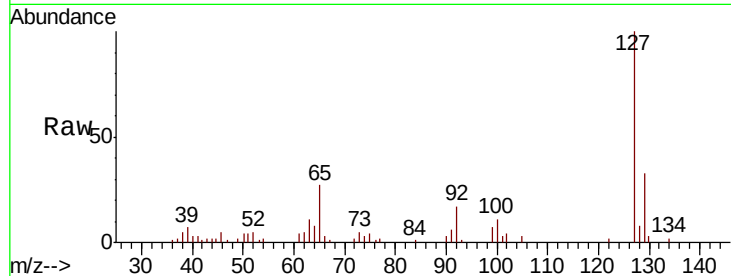
#33
4-Chloroaniline
Concen: 6.595 ng
RT: 10.84 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		39609		
129	33.4	25.8	38.8		
65	27.0	22.1	33.1		
92	16.8	14.6	22.0		

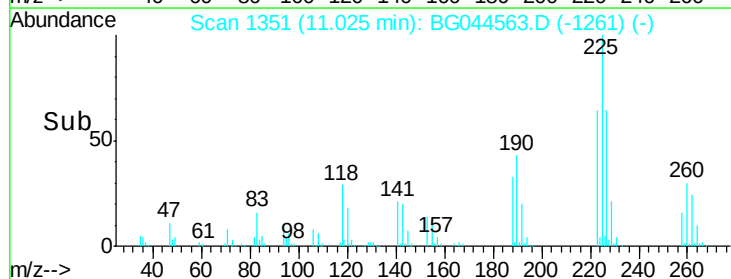
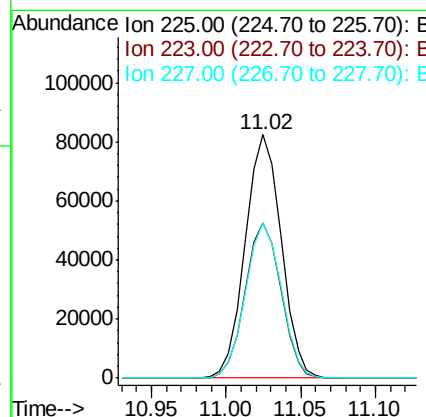
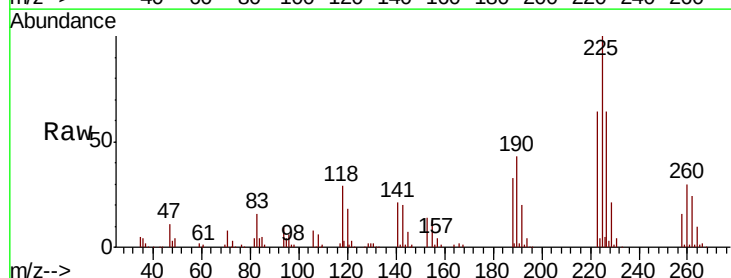
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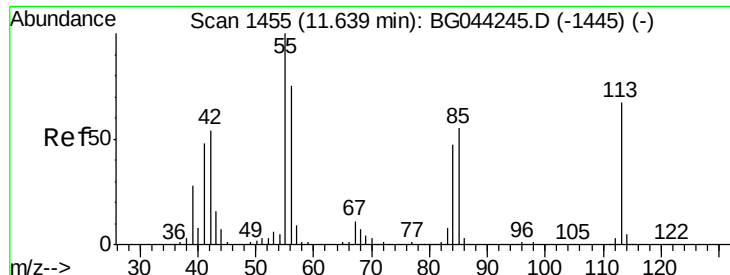
mohammad
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#34
Hexachlorobutadiene
Concen: 46.748 ng
RT: 11.02 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		137493		
223	63.8	50.4	75.6		
227	63.5	51.0	76.6		





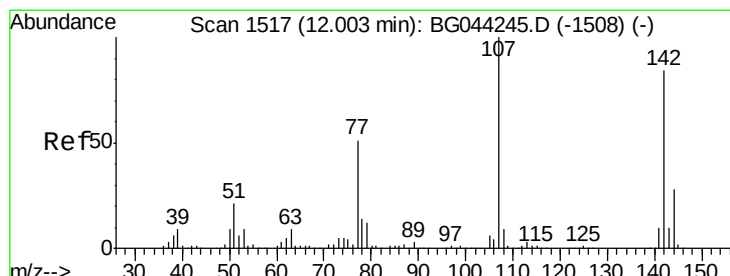
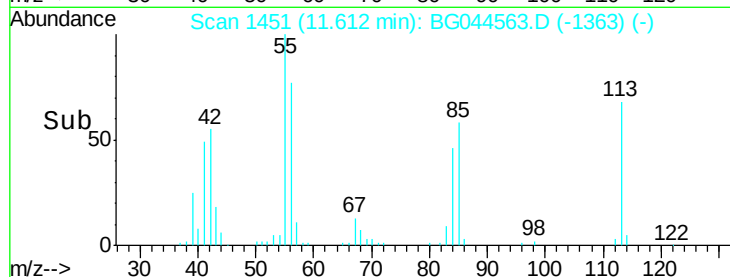
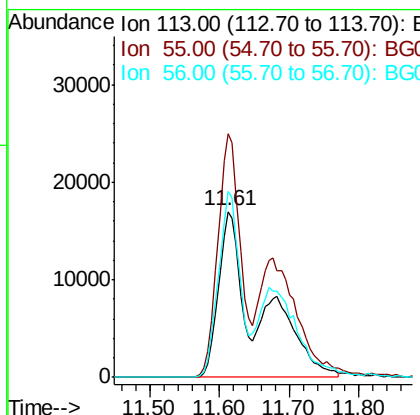
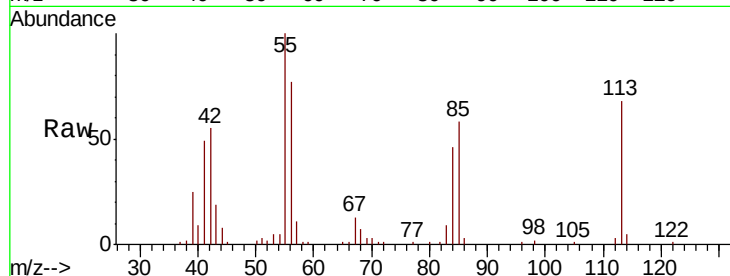
#35
Caprolactam
Concen: 44.115 ng/ml
RT: 11.61 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	146.6	126.4	166.4
56	112.2	85.8	125.8

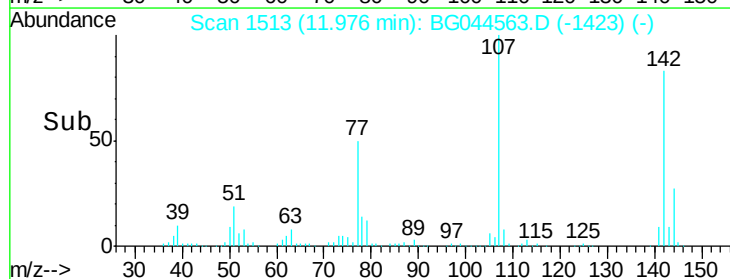
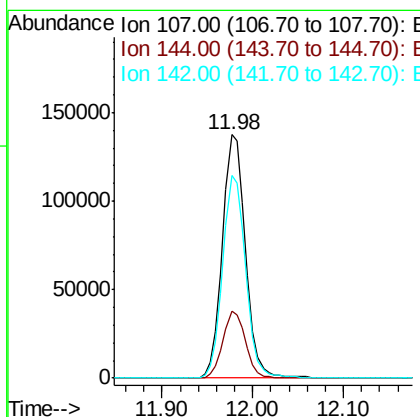
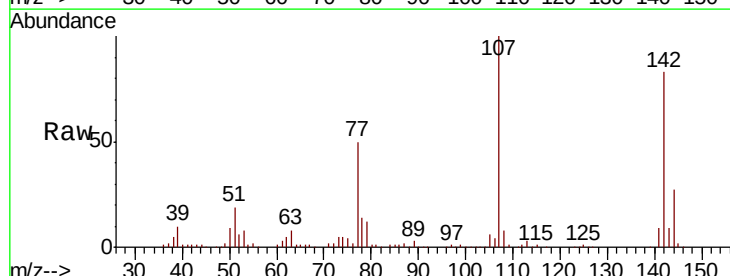
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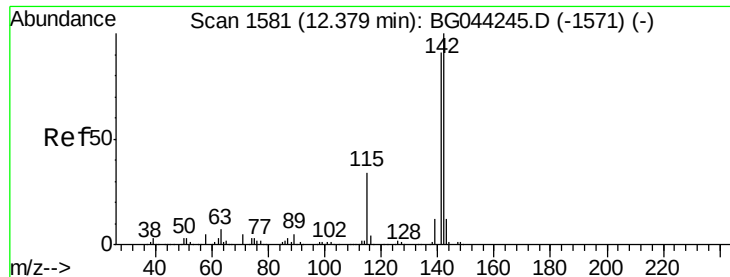
mohammad
2/24/2020 3:30:30 PM



#36
4-Chloro-3-methylphenol
Concen: 55.398 ng/ml
RT: 11.98 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.4	22.7	34.1
142	83.1	67.7	101.5





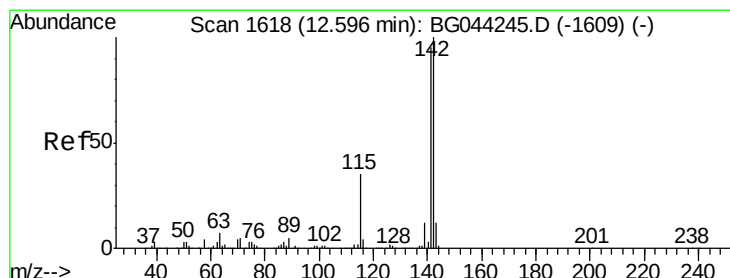
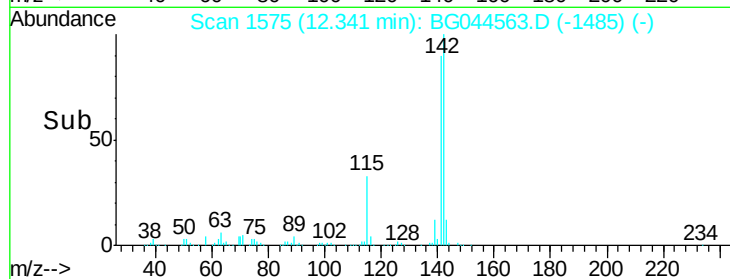
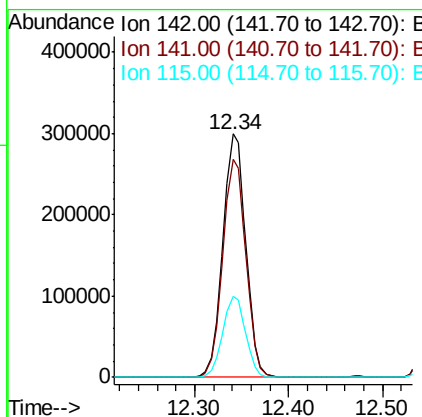
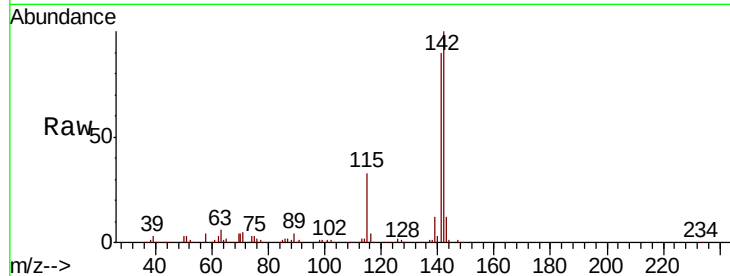
#37
2-Methylnaphthalene
Concen: 51.931 ng
RT: 12.34 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.9	107.9
115	33.0	26.7	40.1

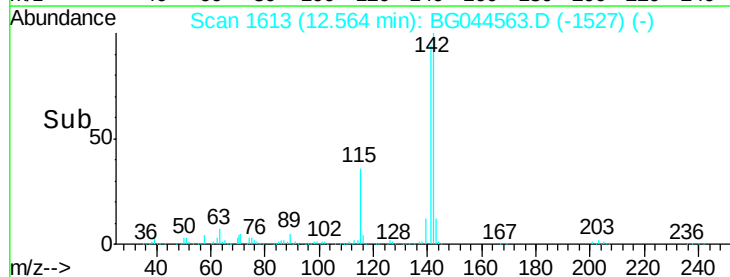
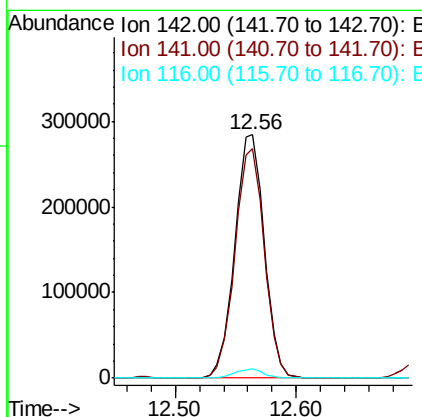
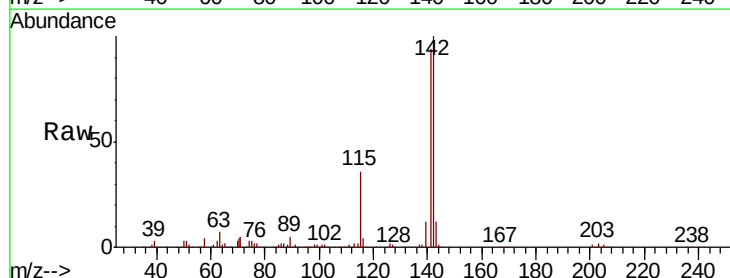
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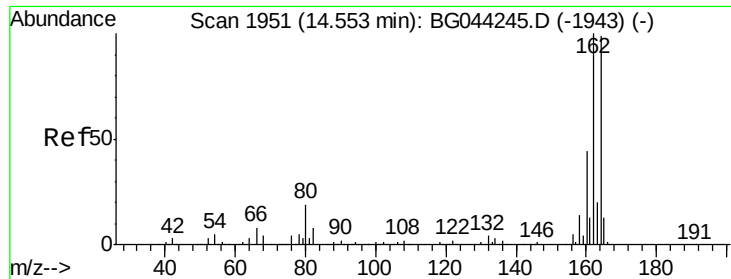
mohammad
2/24/2020 3:30:30 PM



#38
1-Methylnaphthalene
Concen: 52.381 ng
RT: 12.56 min Scan# 1613
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.1	112.7
116	3.7	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

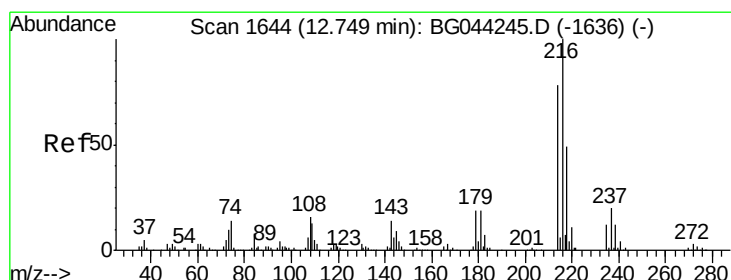
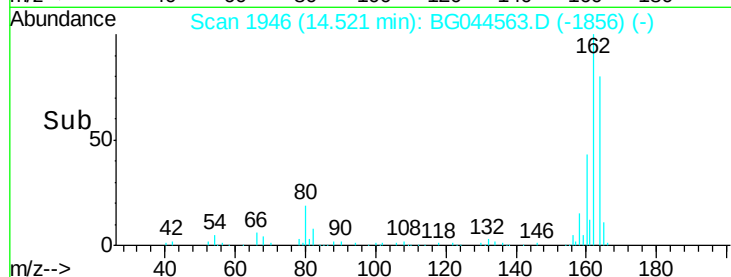
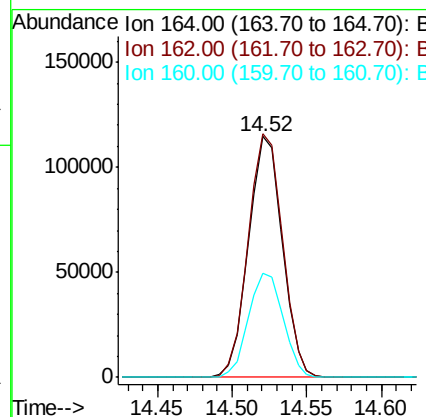
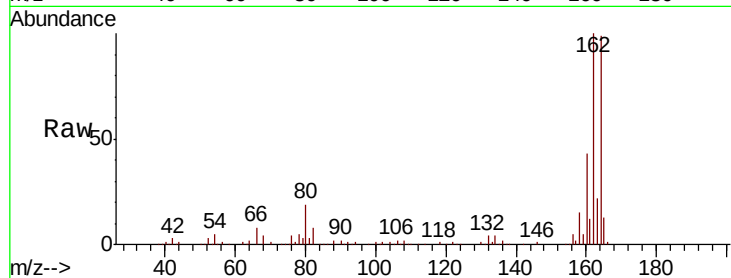
ClientSampleId :

BU-03-021820MSD

Tot Ion:	164	Resp:	179568
Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.9	122.9
160	43.5	35.5	53.3

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.151 ng

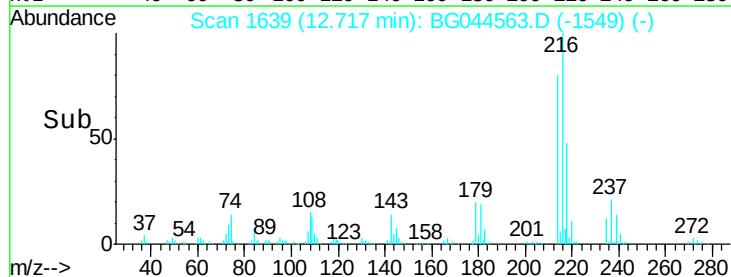
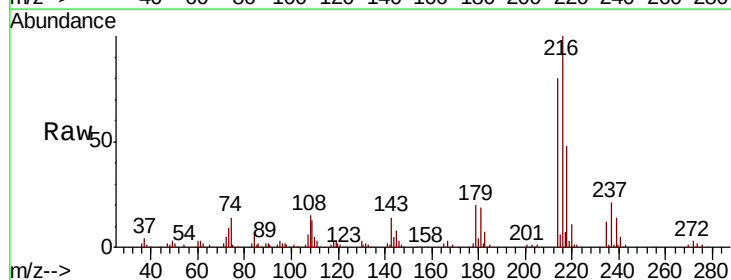
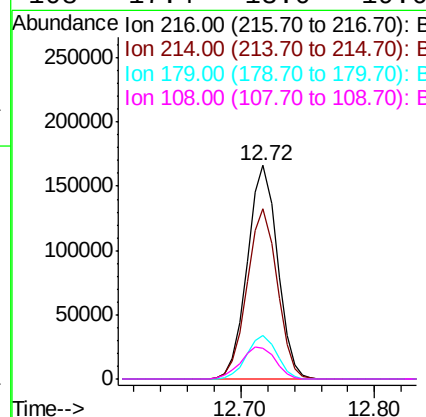
RT: 12.72 min Scan# 1639

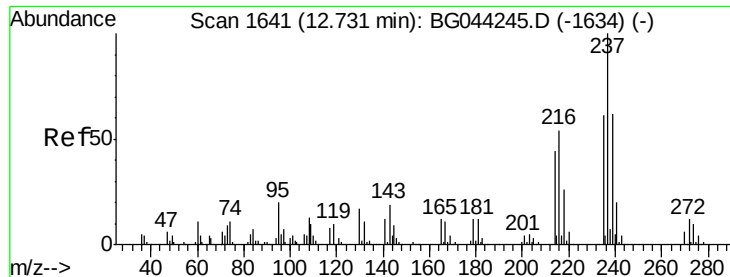
Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Tgt Ion:	216	Resp:	258642
Ion	Ratio	Lower	Upper
216	100		
214	79.9	64.0	96.0
179	20.3	16.3	24.5
108	17.4	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 91.651 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

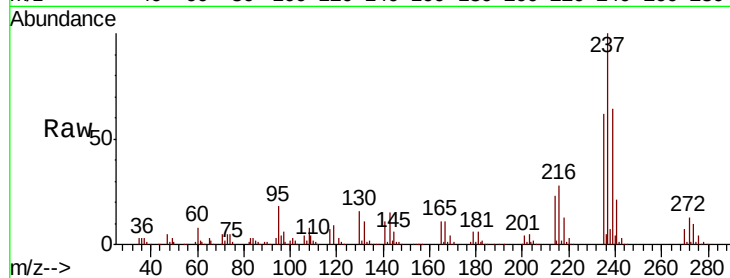
ClientSampleId :

BU-03-021820MSD

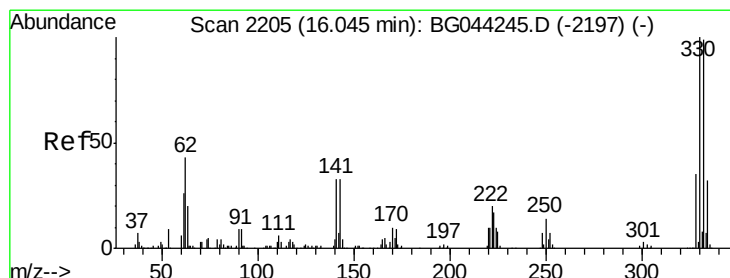
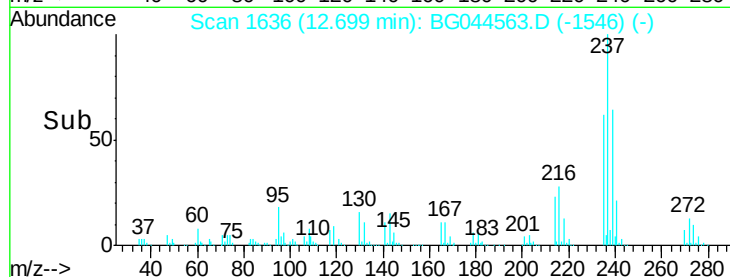
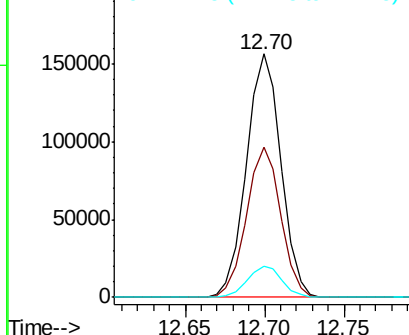
Tot Ion:	237	Resp:	236221
Ion Ratio	Lower	Upper	
237	100		
235	61.6	41.7	81.7
272	13.0	0.0	33.4

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



#42

2,4,6-Tribromophenol

Concen: 161.341 ng

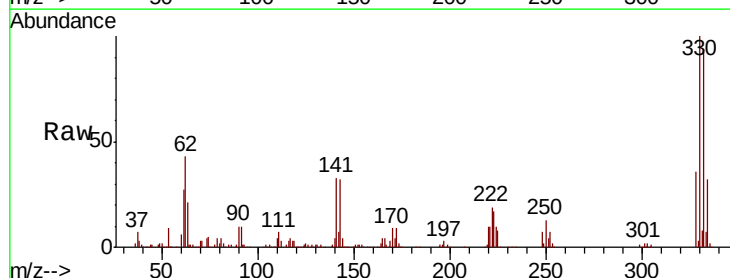
RT: 16.01 min Scan# 2200

Delta R.T. -0.00 min

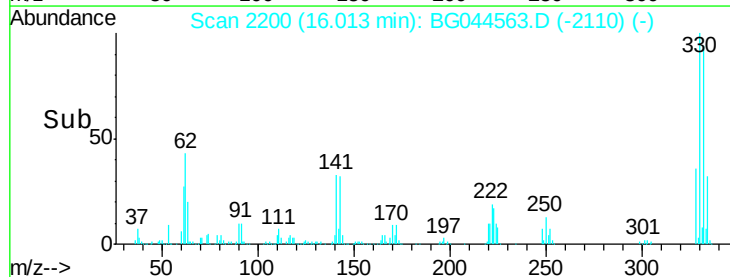
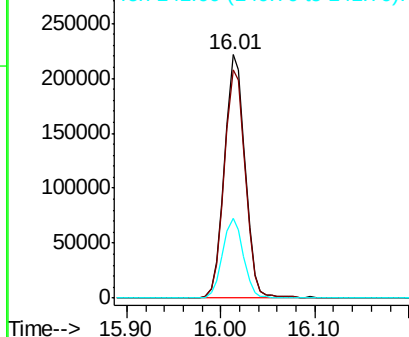
Lab File: BG044563.D

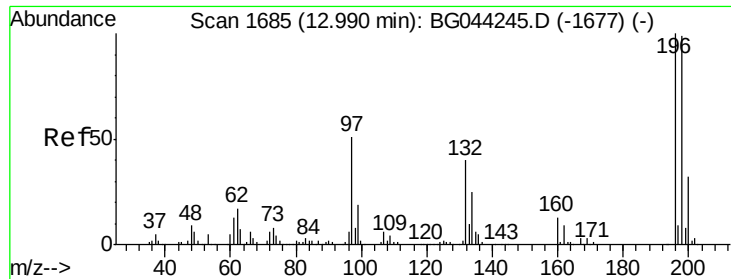
Acq: 22 Feb 2020 00:09

Tgt Ion:	330	Resp:	340111
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	115.0
141	32.9	26.5	39.7



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





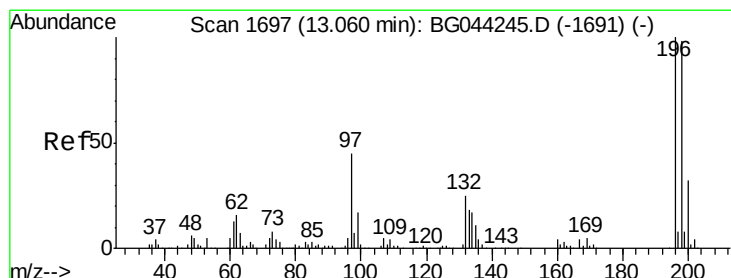
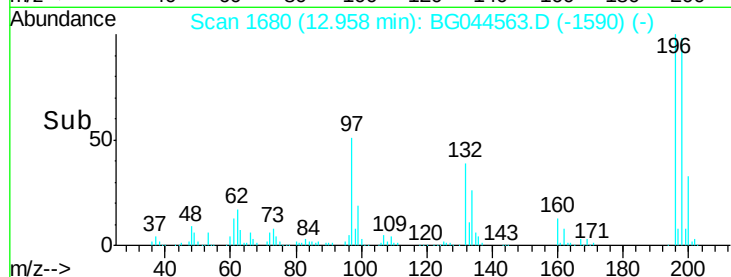
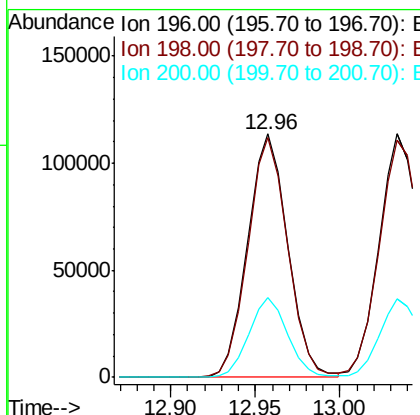
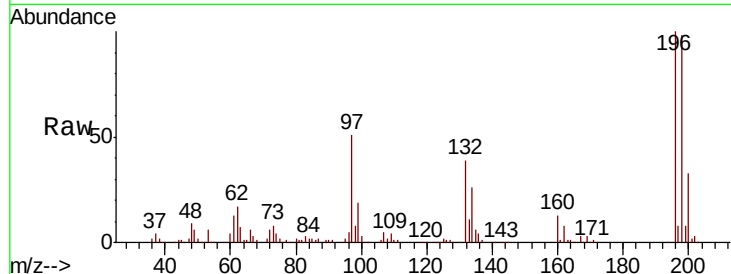
#43
 2,4,6-Trichlorophenol
 Concen: 53.880 ng
 RT: 12.96 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	187071		
198	98.4	77.8	116.8	
200	32.7	25.6	38.4	

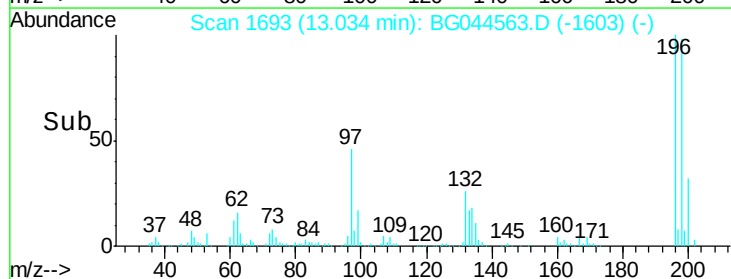
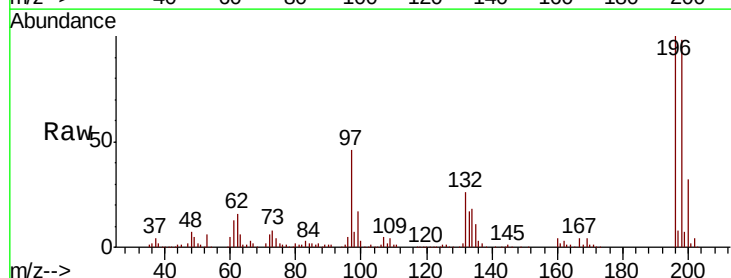
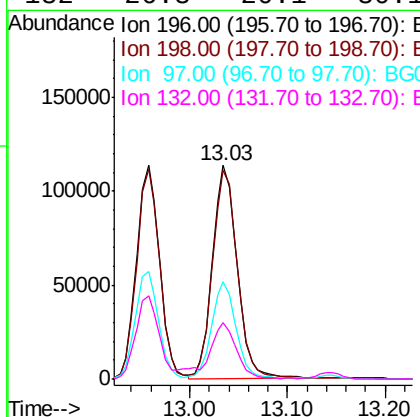
Manual Integrations
 APPROVED

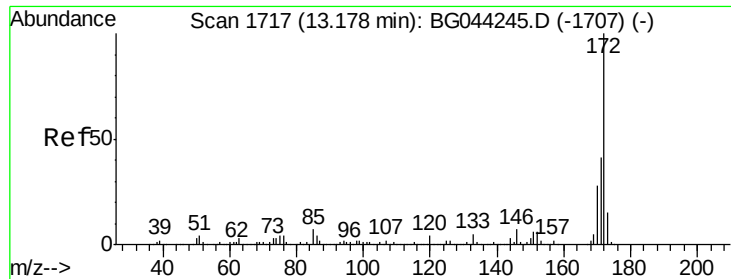
mohammad
 2/24/2020 3:30:30 PM



#44
 2,4,5-Trichlorophenol
 Concen: 56.289 ng
 RT: 13.03 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	199618		
198	97.6	79.9	119.9	
97	45.6	35.2	52.8	
132	26.3	20.1	30.1	





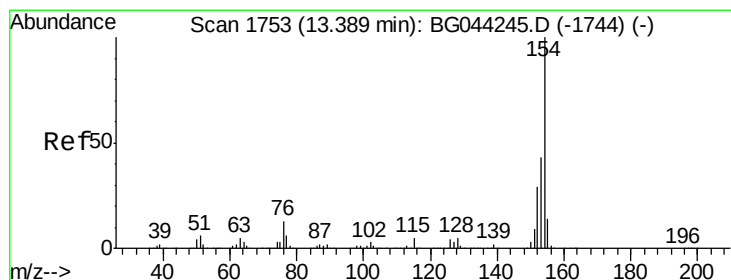
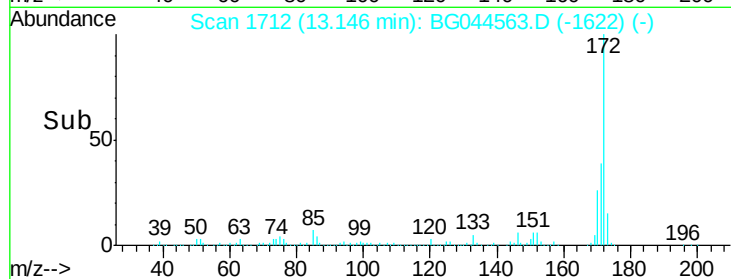
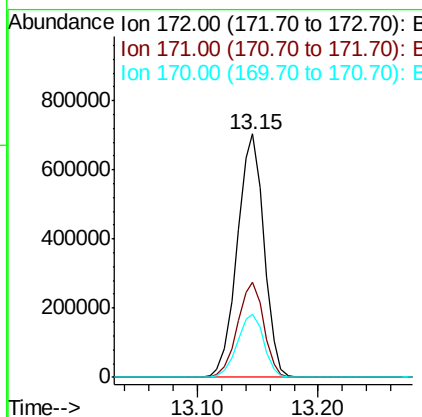
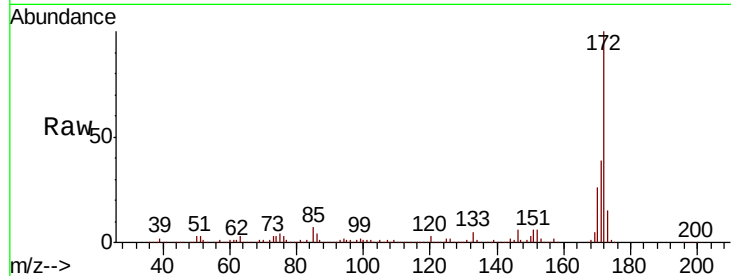
#45
 2-Fluorobiphenyl
 Concen: 100.915 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	38.9	32.3	48.5	
170	26.2	21.6	32.4	

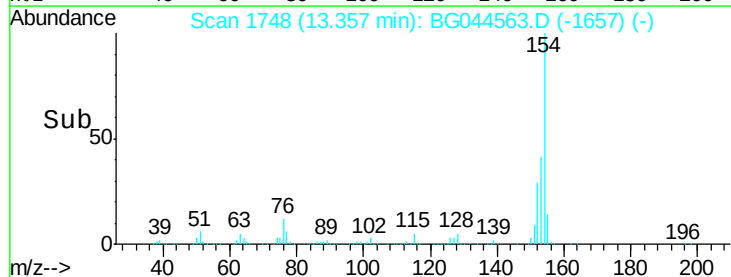
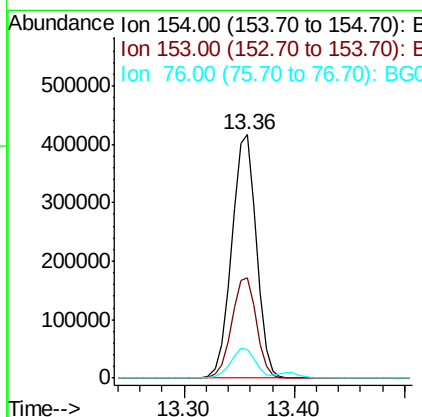
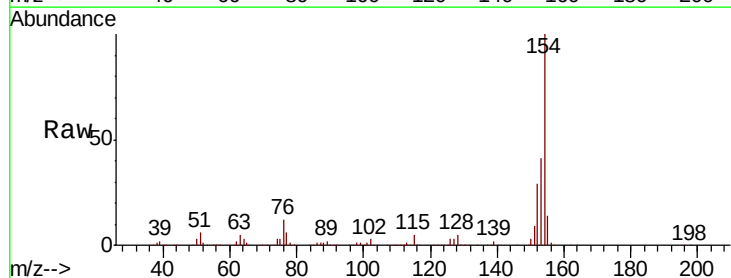
Manual Integrations
 APPROVED

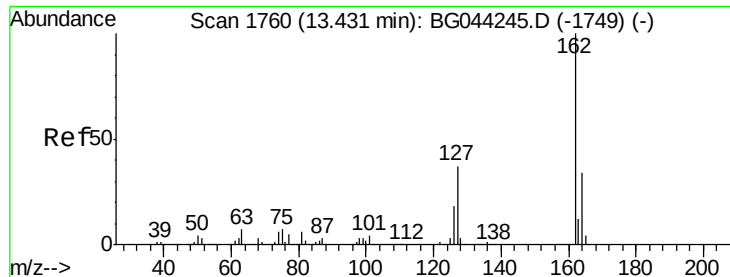
mohammad
 2/24/2020 3:30:30 PM



#46
 1,1'-Biphenyl
 Concen: 50.260 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.4	22.3	62.3	
76	12.0	0.0	32.7	





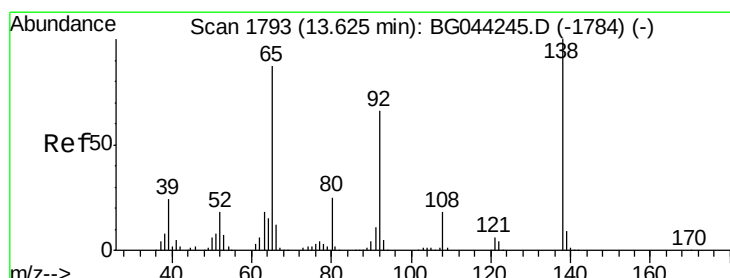
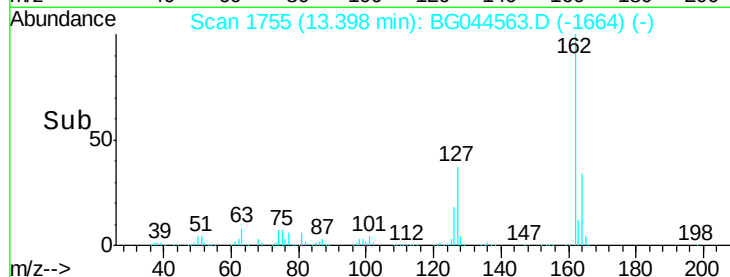
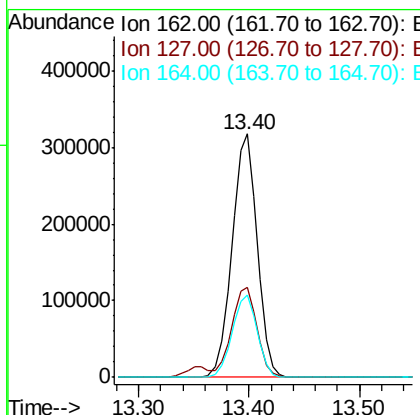
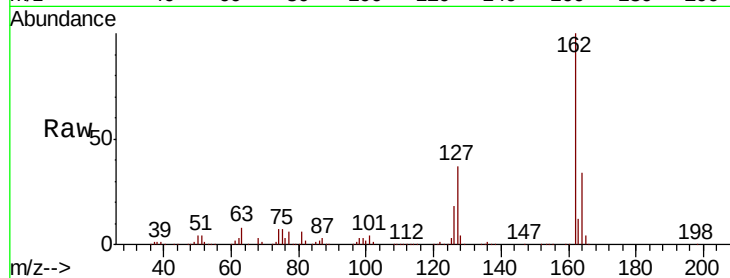
#47
2-Chloronaphthalene
Concen: 49.144 ng
RT: 13.40 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.2	31.0	46.6
164	34.1	27.4	41.2

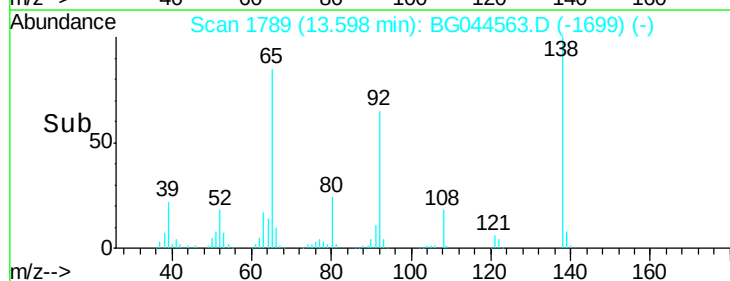
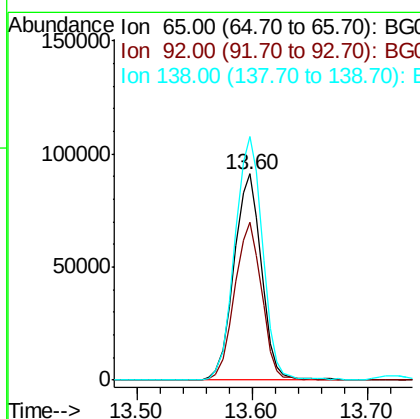
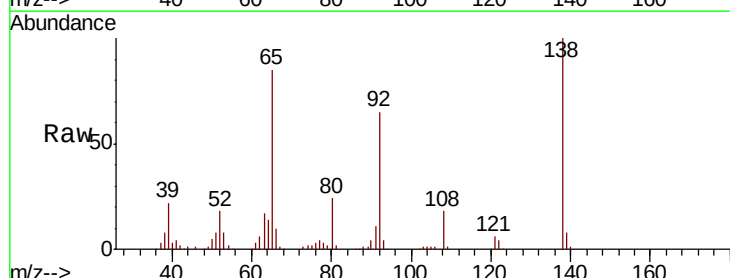
Manual Integrations
APPROVED

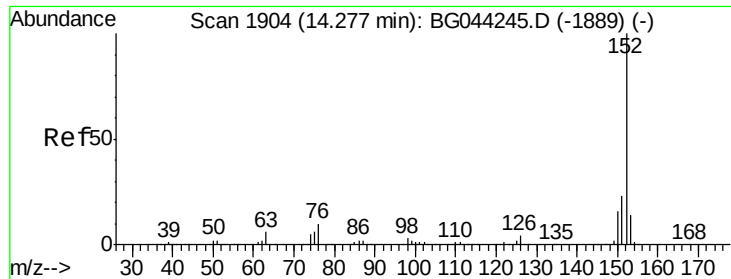
mohammad
2/24/2020 3:30:30 PM



#48
2-Nitroaniline
Concen: 49.398 ng
RT: 13.60 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.7	61.2	91.8
138	118.2	95.2	142.8





#49

Acenaphthylene

Concen: 53.551 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

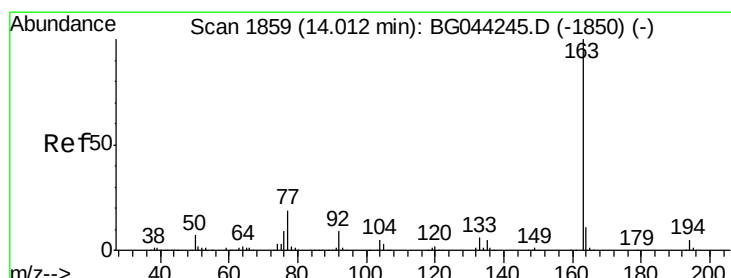
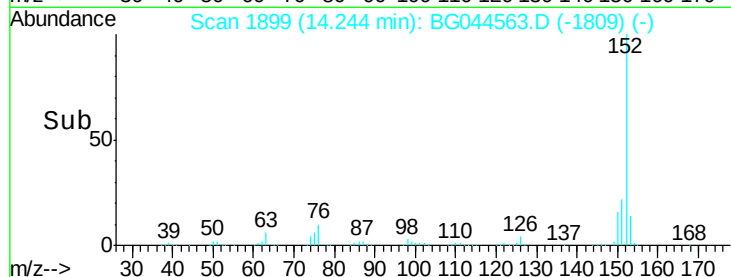
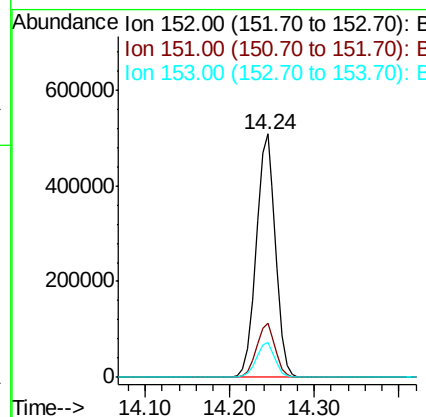
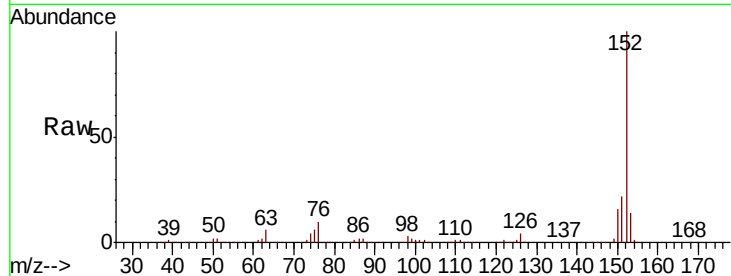
ClientSampleId :

BU-03-021820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		809559		
151	22.0	18.2	27.2		
153	14.2	11.6	17.4		

Manual Integrations
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2/24/2020 3:30:30 PM



#50

Dimethylphthalate

Concen: 52.853 ng

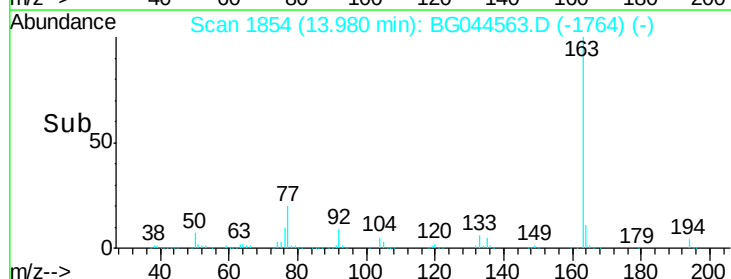
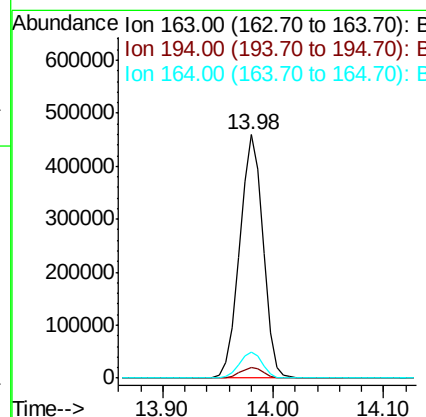
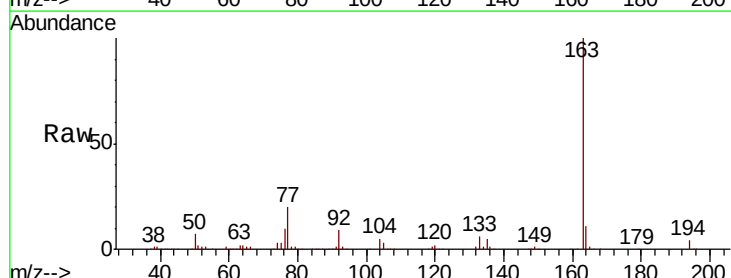
RT: 13.98 min Scan# 1854

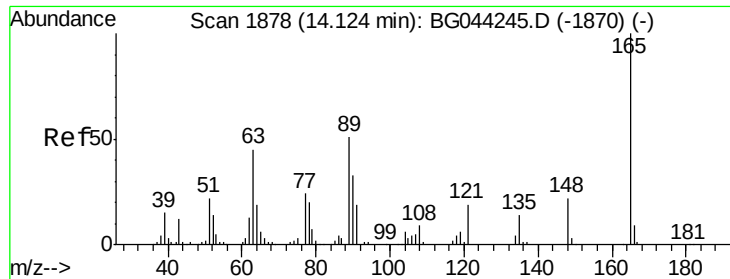
Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		682221		
194	4.3	3.6	5.4		
164	11.0	8.9	13.3		





#51

2,6-Dinitrotoluene

Concen: 53.631 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

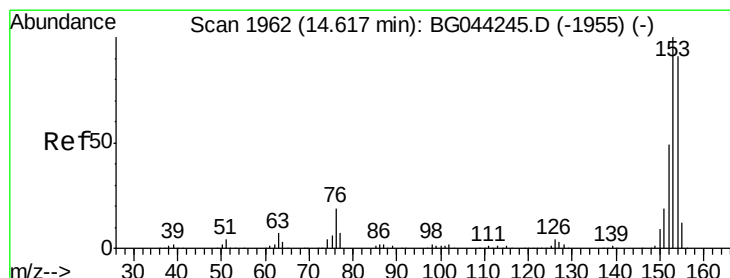
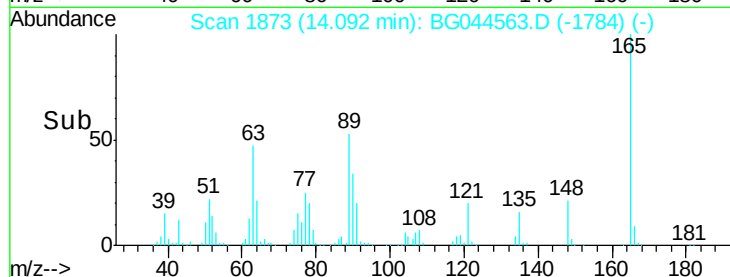
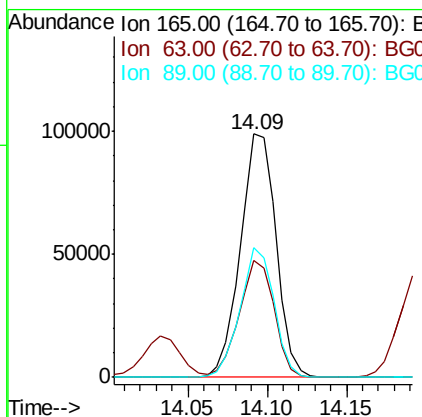
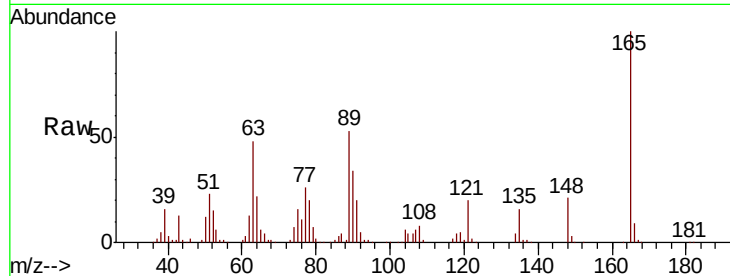
ClientSampleId :

BU-03-021820MSD

Tot Ion:	165	Resp:	154351
Ion Ratio	Lower	Upper	
165	100		
63	48.1	35.0	52.6
89	53.3	39.5	59.3

Manual Integrations
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mohammad
2/24/2020 3:30:30 PM



#52

Acenaphthene

Concen: 50.924 ng

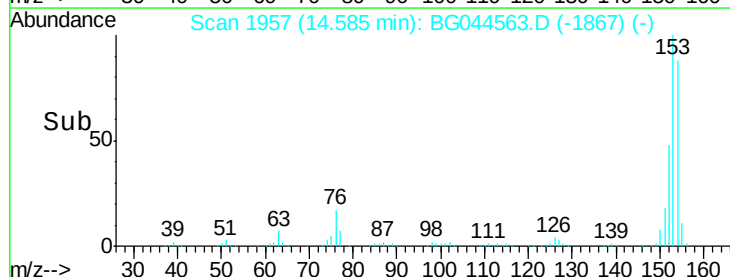
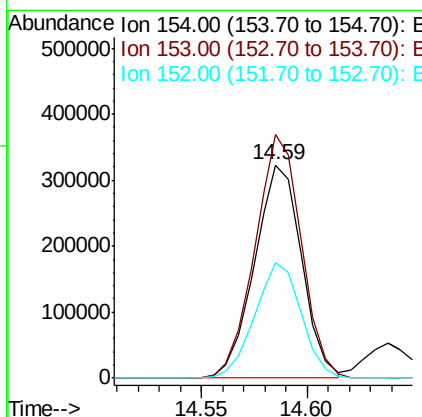
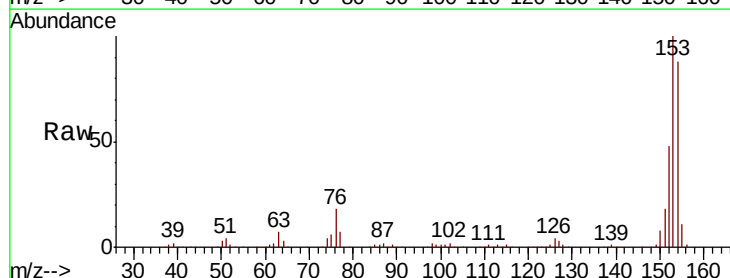
RT: 14.59 min Scan# 1957

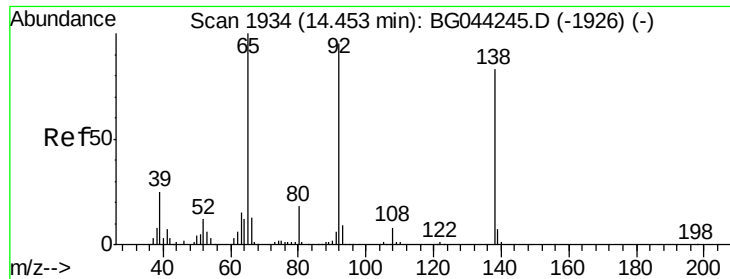
Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Tgt Ion:	154	Resp:	498993
Ion Ratio	Lower	Upper	
154	100		
153	114.1	88.6	133.0
152	54.3	43.6	65.4





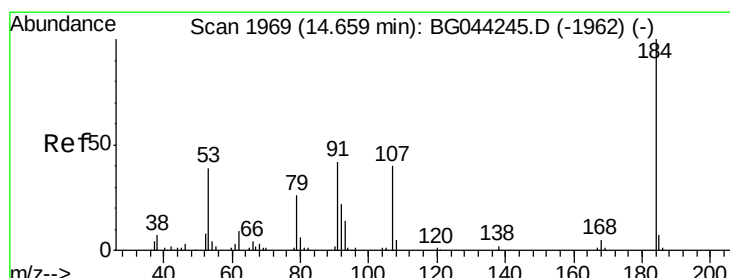
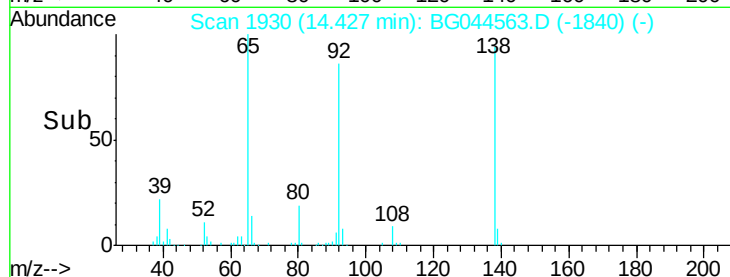
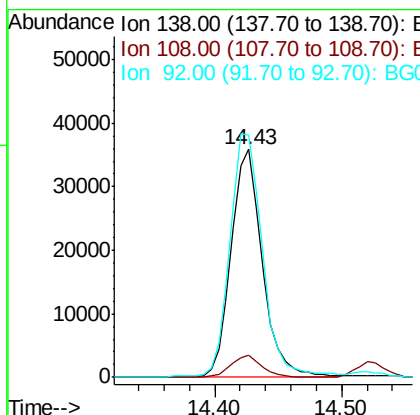
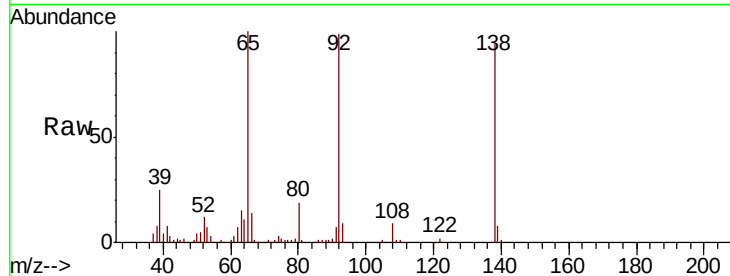
#53
3-Nitroaniline
Concen: 19.191 ng
RT: 14.43 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	106.0	89.7	134.5

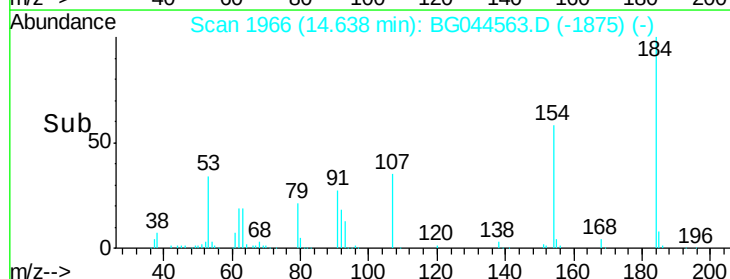
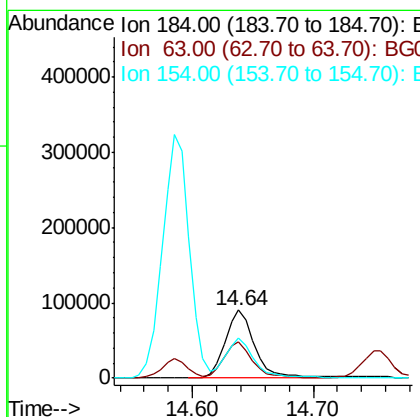
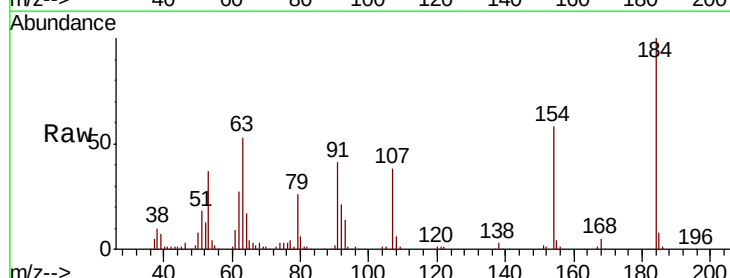
Manual Integrations
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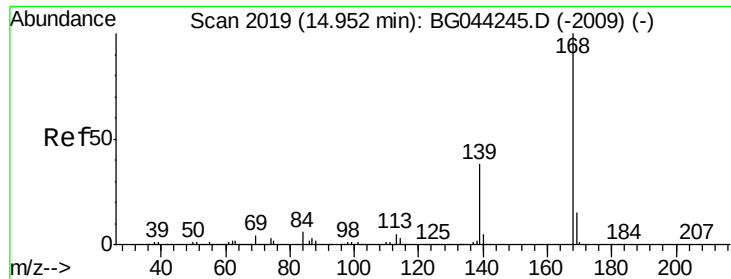
mohammad
2/24/2020 3:30:30 PM



#54
2,4-Dinitrophenol
Concen: 89.043 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.2	43.8	65.8
154	58.4	46.6	70.0





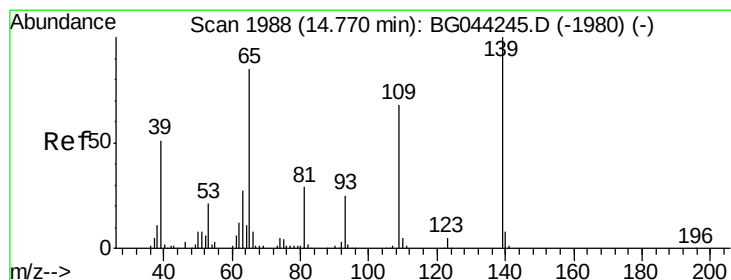
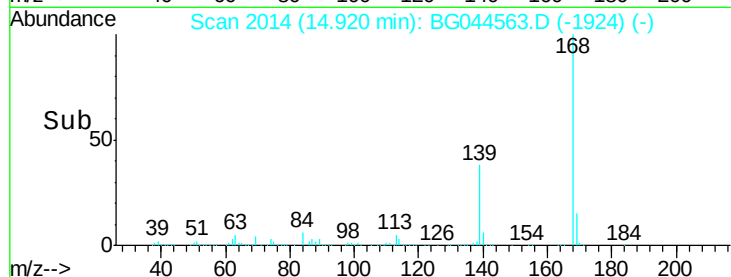
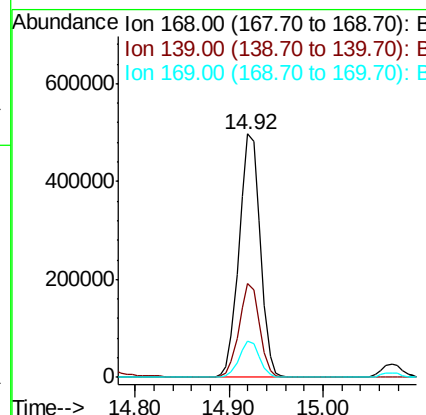
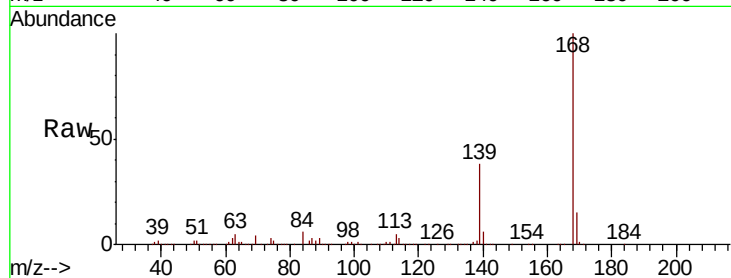
#55
Dibenzofuran
Concen: 52.264 ng
RT: 14.92 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.8	46.2
169	14.9	12.2	18.4

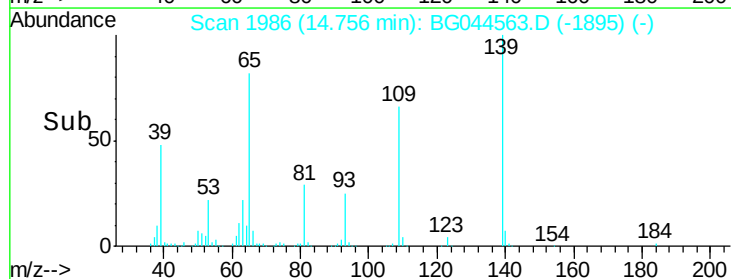
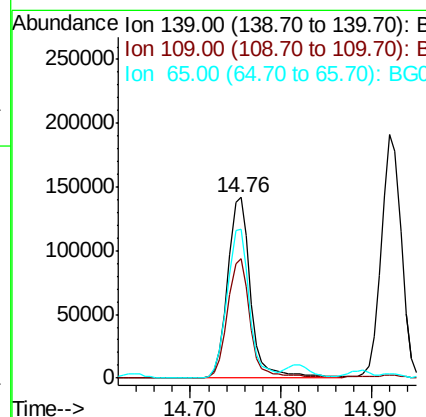
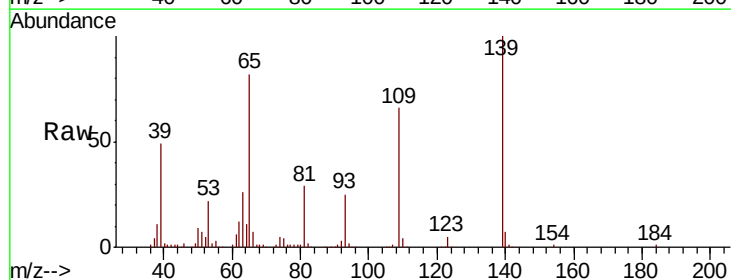
Manual Integrations
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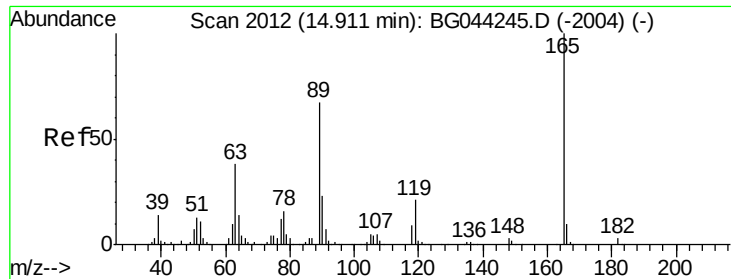
mohammad
2/24/2020 3:30:30 PM



#56
4-Nitrophenol
Concen: 107.366 ng
RT: 14.76 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.5	44.0	84.0
65	82.3	62.3	102.3





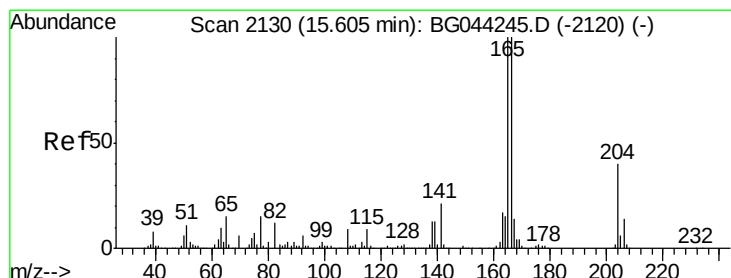
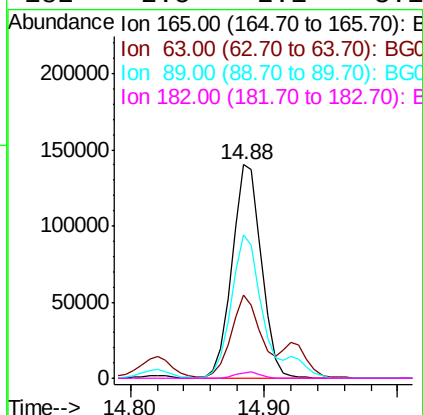
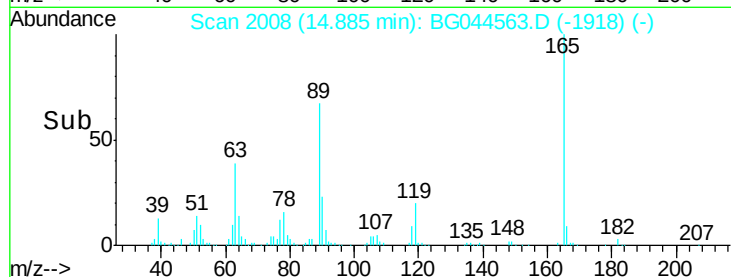
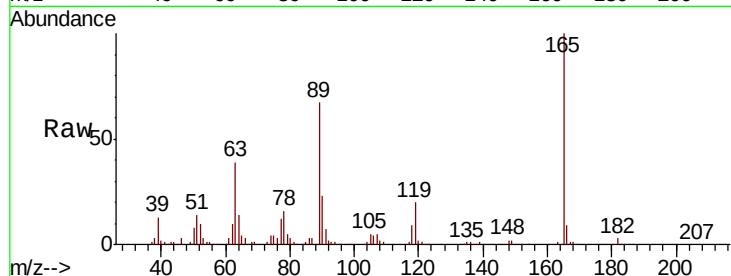
#57
2,4-Dinitrotoluene
Concen: 53.126 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		214299		
63	38.9	28.6	42.8		
89	67.4	50.7	76.1		
182	2.5	2.1	3.1		

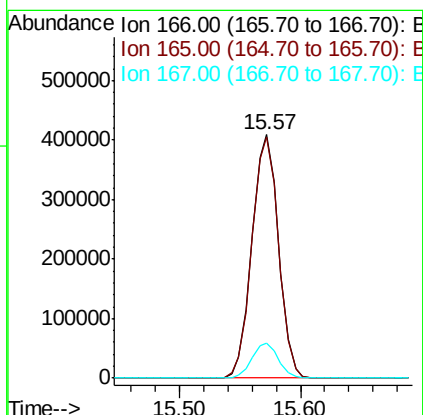
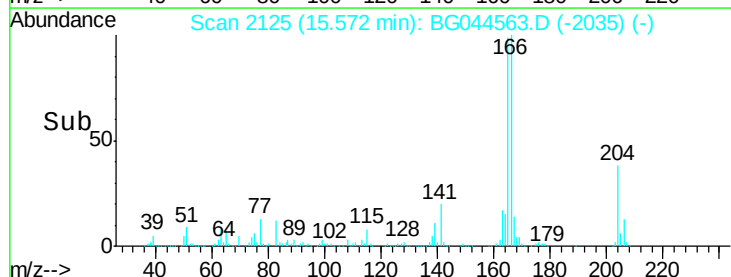
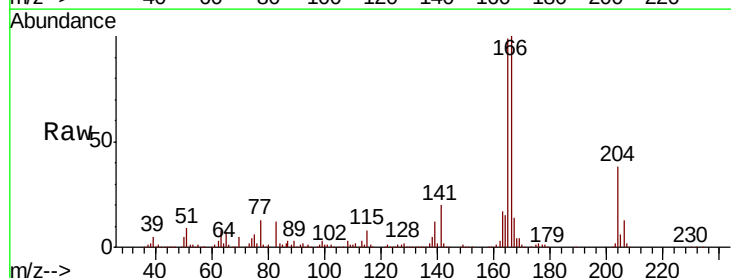
Manual Integrations
APPROVED

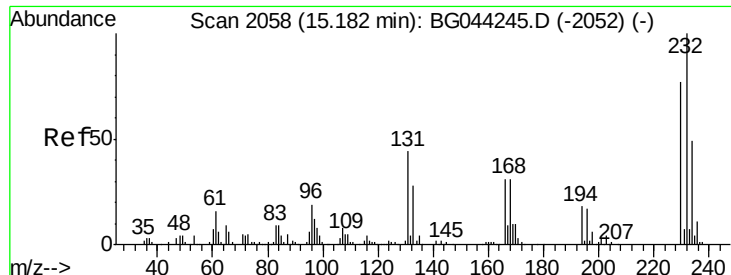
mohammad
2/24/2020 3:30:30 PM



#58
Fluorene
Concen: 53.561 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		625861		
165	99.1	79.3	118.9		
167	14.3	11.4	17.2		





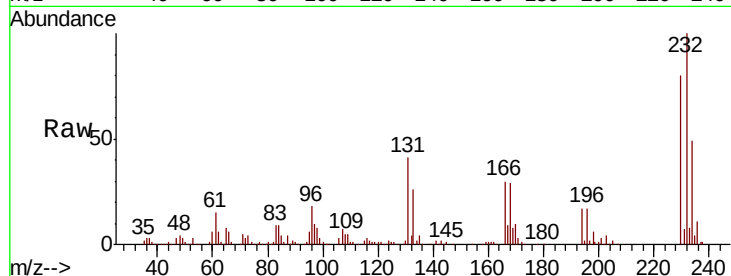
#59
2,3,4,6-Tetrachlorophenol
Concen: 56.708 ng
RT: 15.16 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

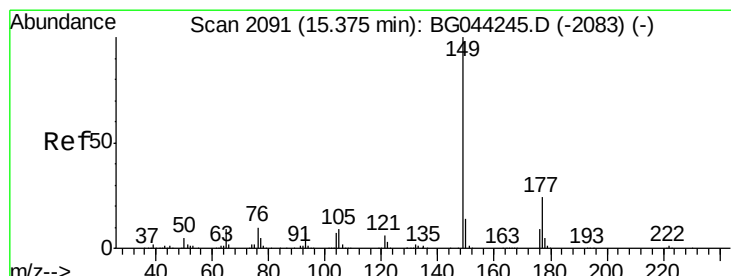
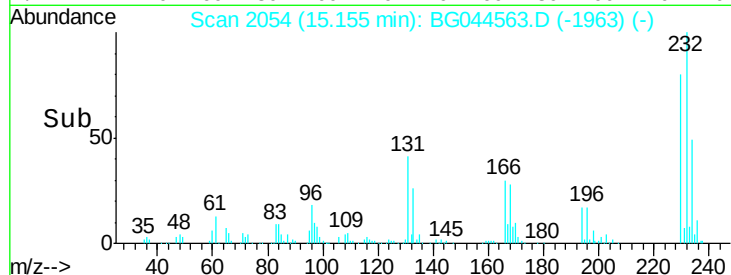
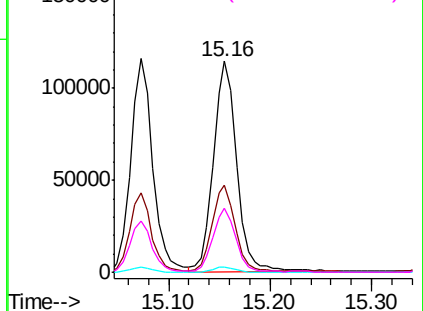
Tot Ion	Ratio	Resp	Lower	Upper
232	100	181647		
131	41.6		31.8	47.8
130	2.3		1.8	2.8
166	29.4		23.2	34.8

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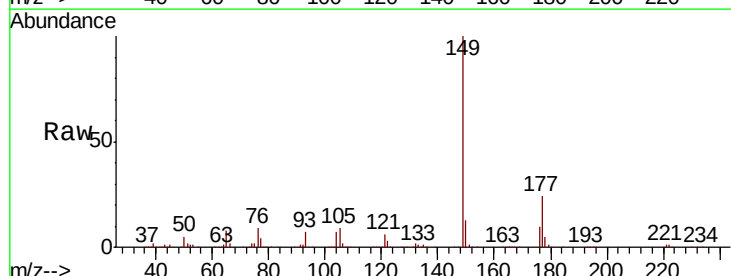


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

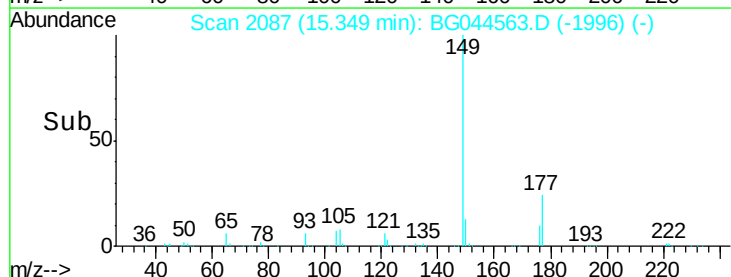
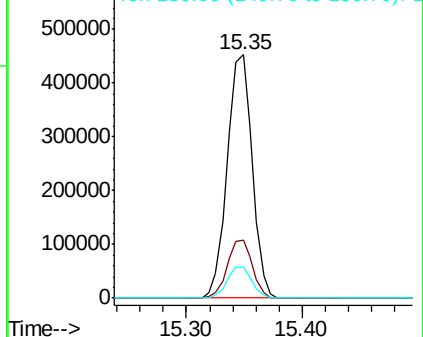


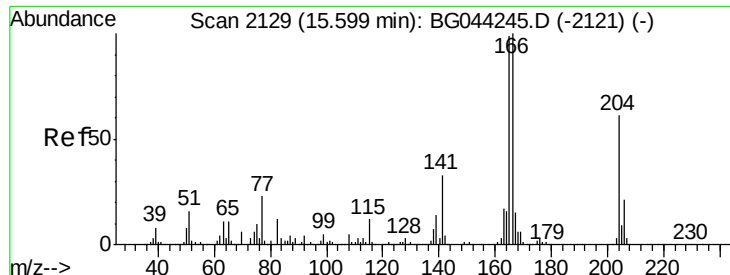
#60
Diethylphthalate
Concen: 52.599 ng
RT: 15.35 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	676511		
177	24.0		19.3	28.9
150	12.9		10.6	15.8



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





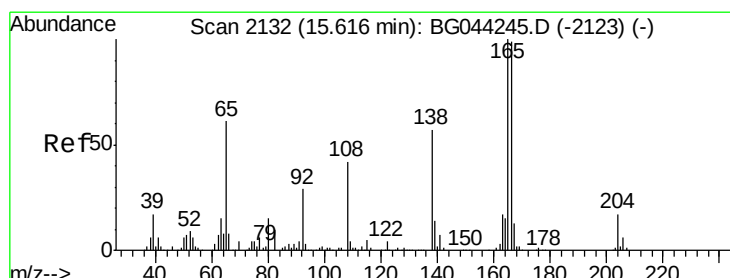
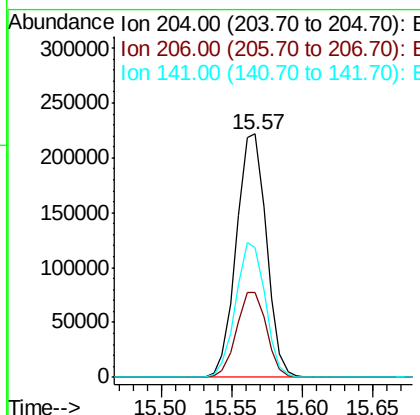
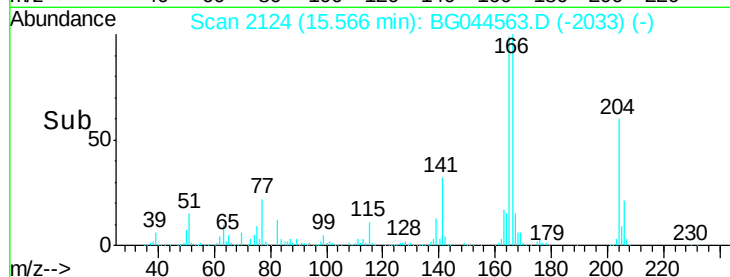
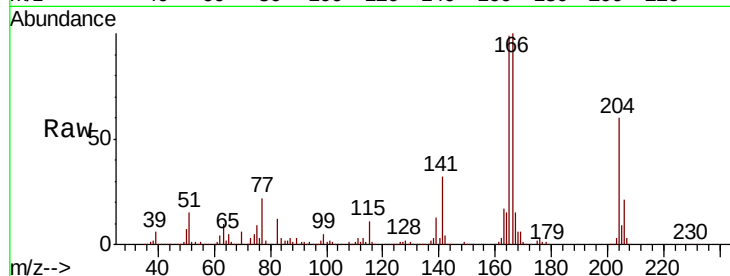
#61
4-Chlorophenyl-phenylether
Concen: 51.926 ng
RT: 15.57 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	28.6	42.8
141	53.4	43.9	65.9

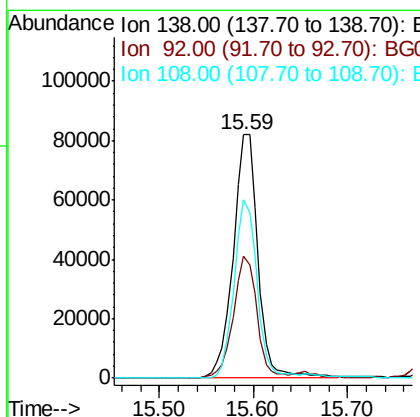
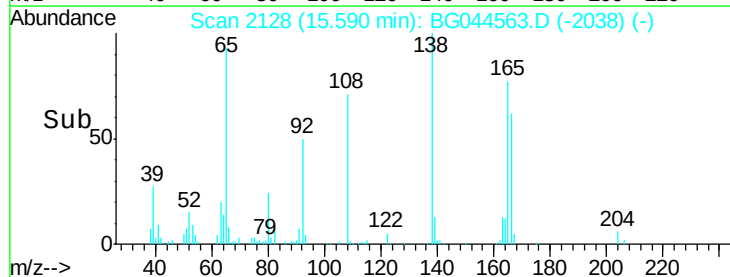
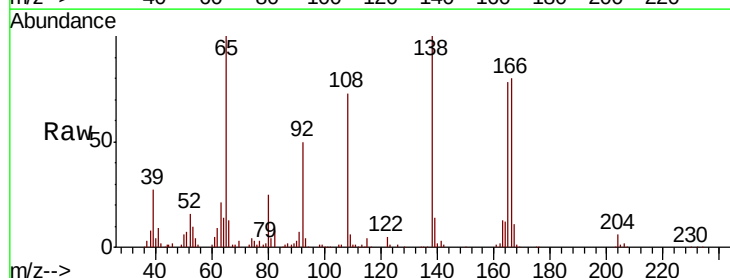
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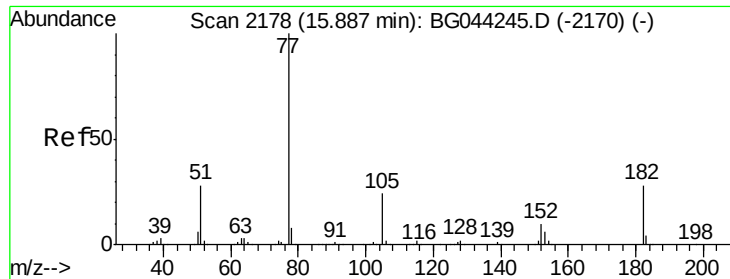
mohammad
2/24/2020 3:30:30 PM



#62
4-Nitroaniline
Concen: 47.391 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	30.7	70.7
108	73.3	51.9	91.9





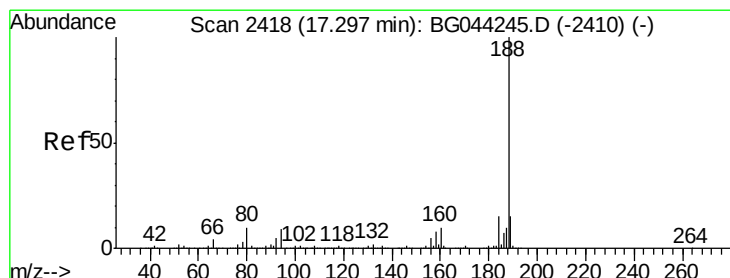
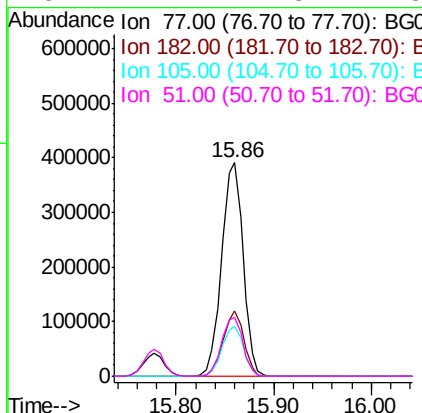
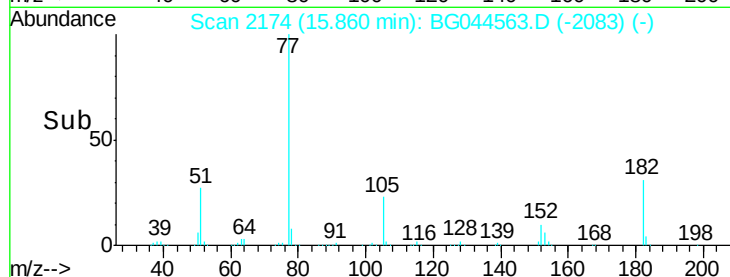
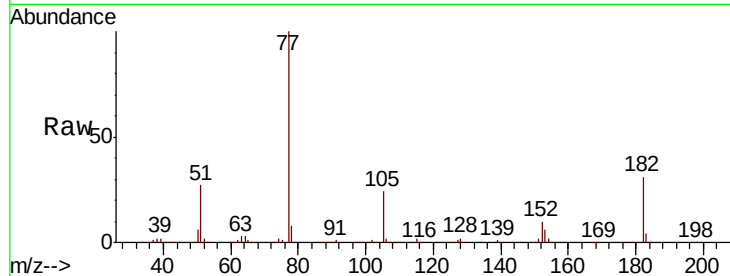
#63
Azobenzene
Concen: 52.800 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		595180		
182	30.5	8.8	48.8		
105	23.7	4.0	44.0		
51	27.4	7.3	47.3		

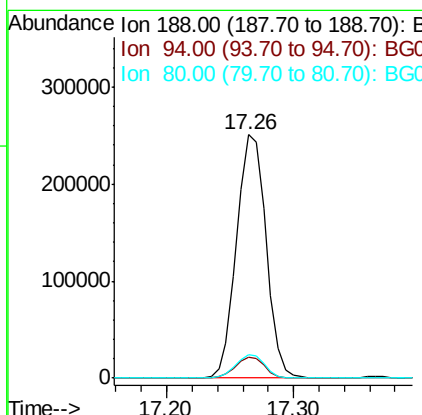
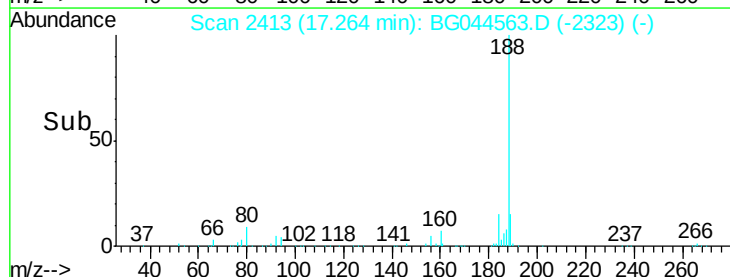
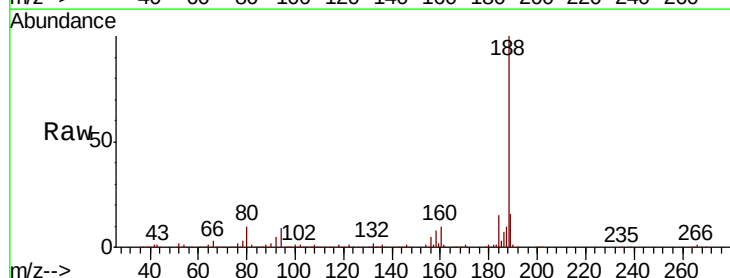
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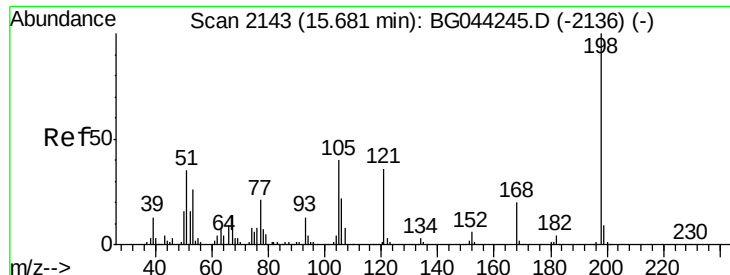
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.26 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		403778		
94	8.8	7.4	11.0		
80	9.6	7.8	11.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 56.288 ng

RT: 15.65 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

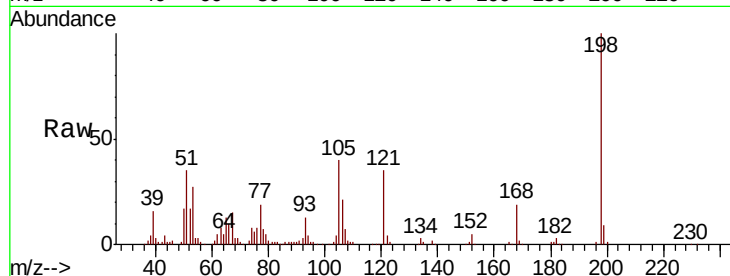
ClientSampleId :

BU-03-021820MSD

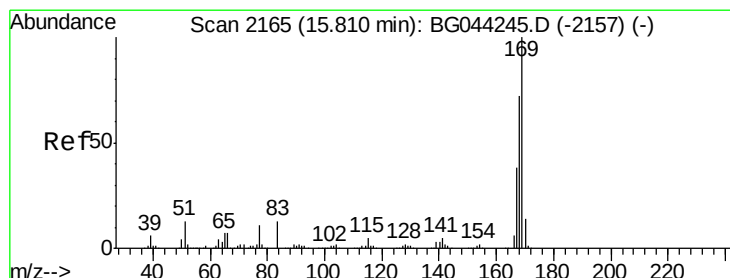
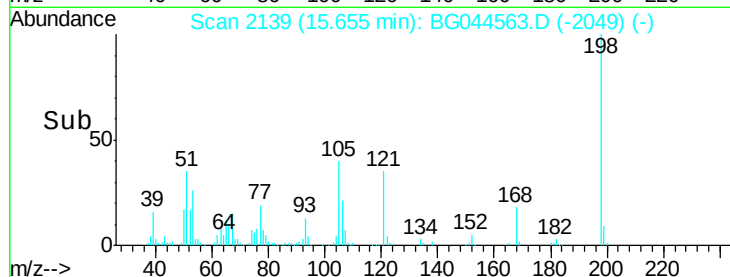
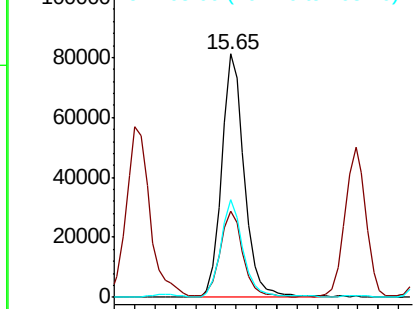
Tot Ion:	198	Resp:	125458
Ion Ratio	Lower	Upper	
198	100		
51	35.4	17.9	57.9
105	40.4	19.8	59.8

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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: 51.975 ng

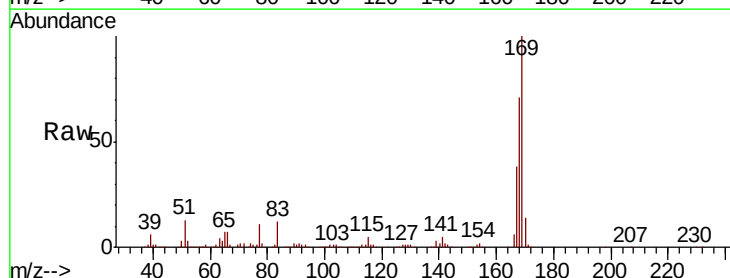
RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

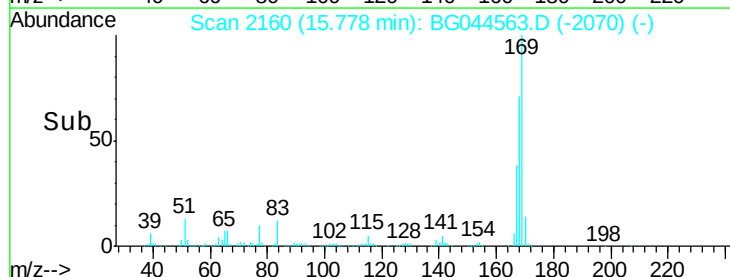
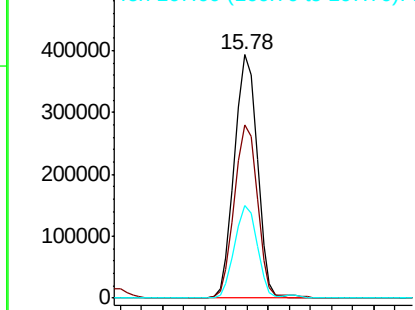
Lab File: BG044563.D

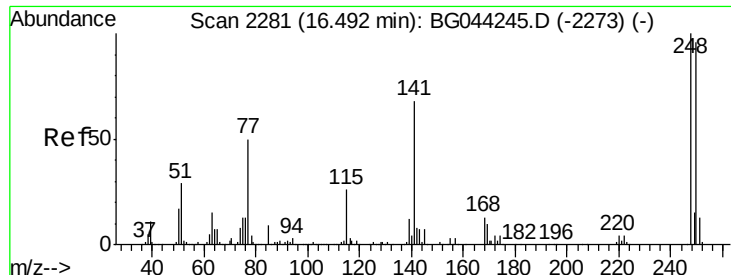
Acq: 22 Feb 2020 00:09

Tgt Ion:	169	Resp:	588130
Ion Ratio	Lower	Upper	
169	100		
168	71.4	56.8	85.2
167	37.8	29.6	44.4



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





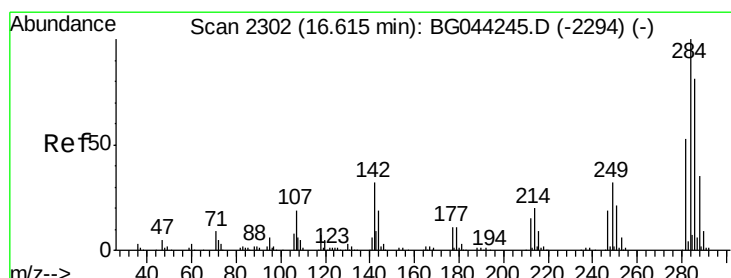
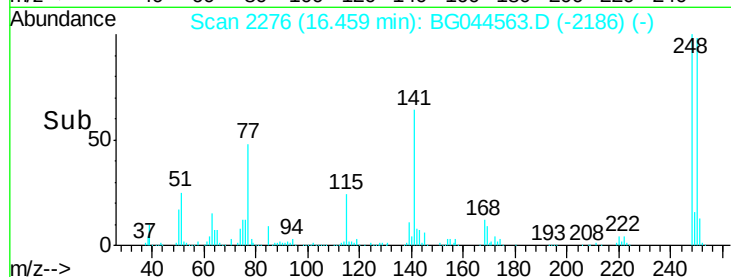
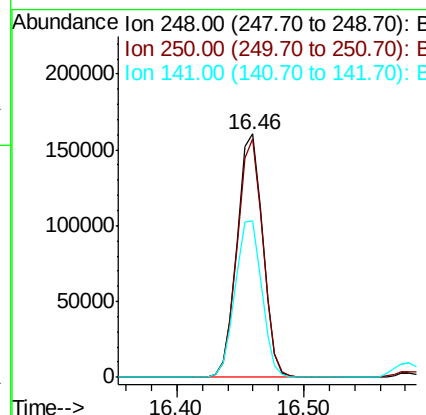
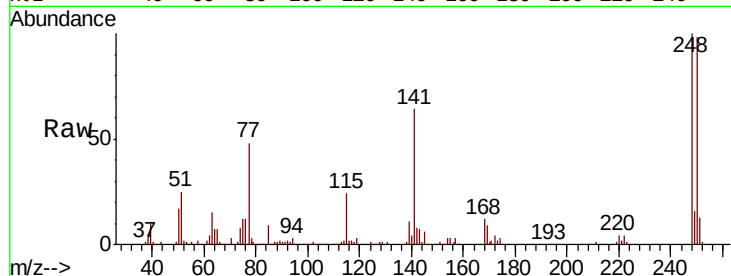
#67
 4-Bromophenyl-phenylether
 Concen: 51.008 ng
 RT: 16.46 min Scan# 2276
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.8	115.2
141	64.1	50.0	75.0

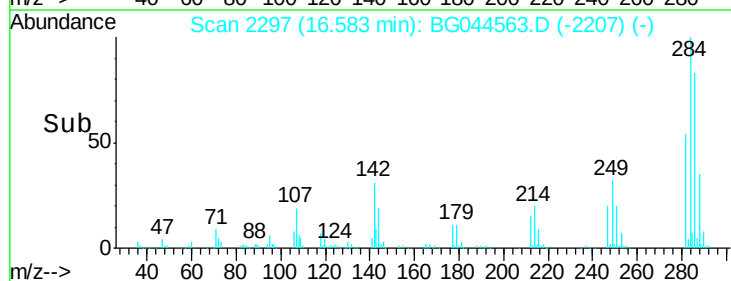
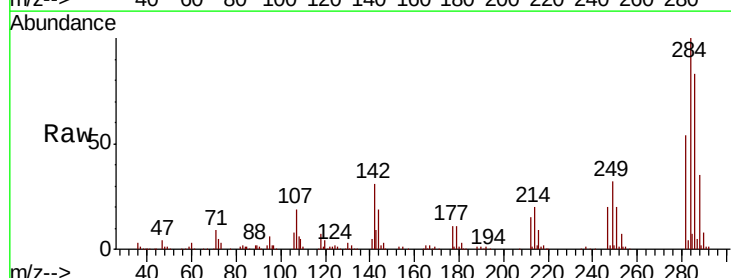
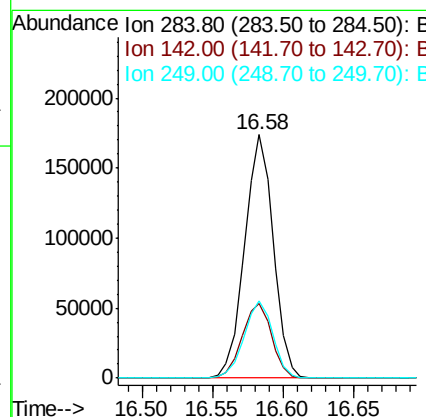
Manual Integrations
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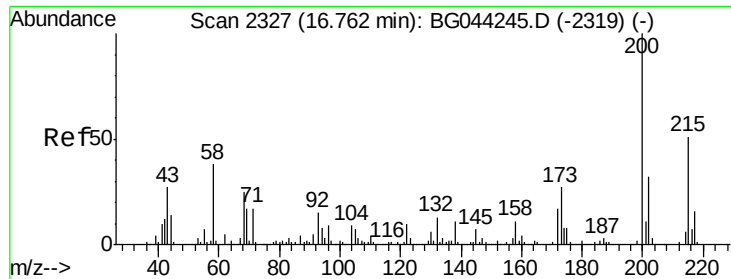
mohammad
 2/24/2020 3:30:30 PM



#68
 Hexachlorobenzene
 Concen: 50.161 ng
 RT: 16.58 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	24.6	36.8
249	31.6	24.9	37.3





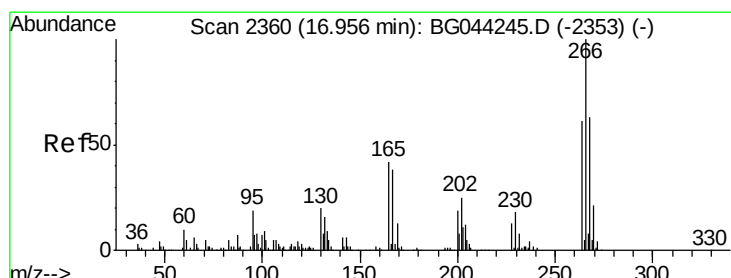
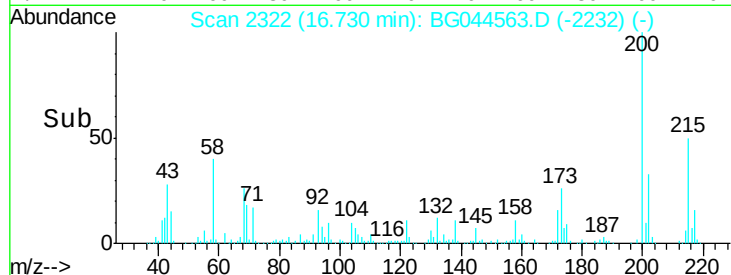
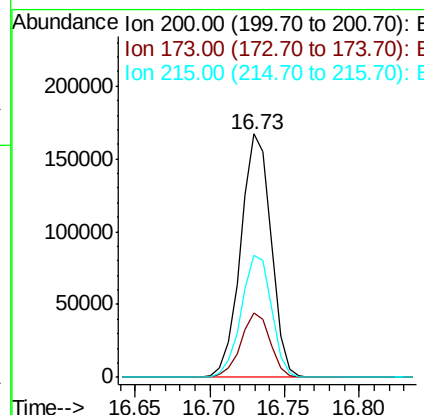
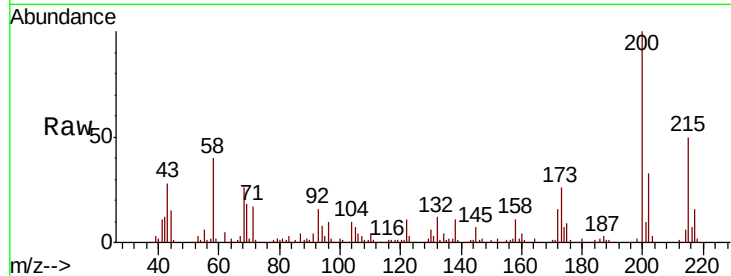
#69
 Atrazine
 Concen: 60.973 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	5.6	45.6
215	50.1	30.3	70.3

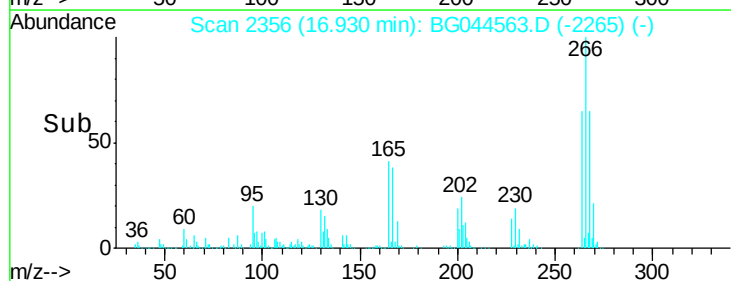
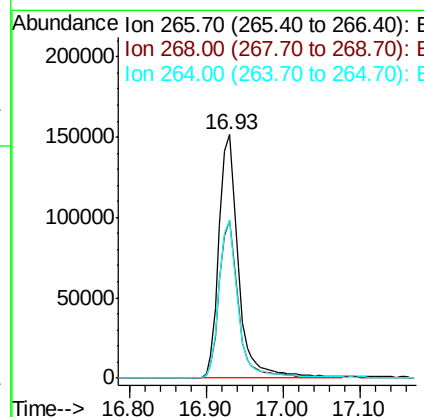
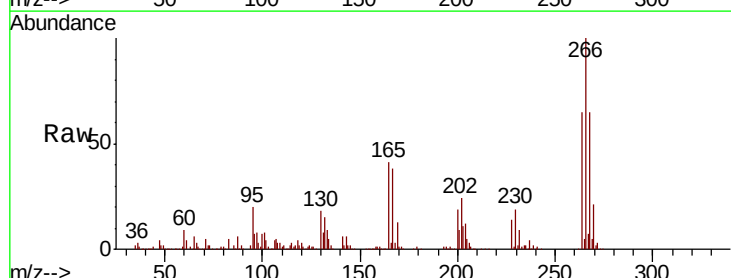
Manual Integrations
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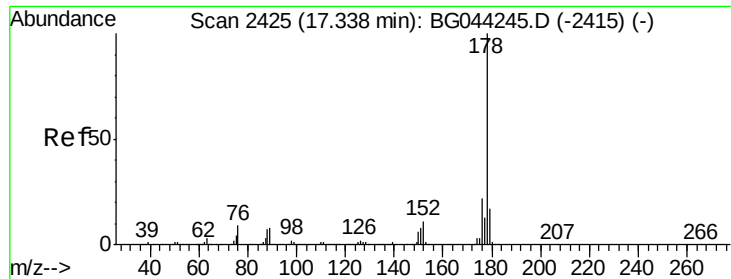
mohammad
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#70
 Pentachlorophenol
 Concen: 106.459 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. 0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.8	51.6	77.4
264	64.9	49.8	74.8





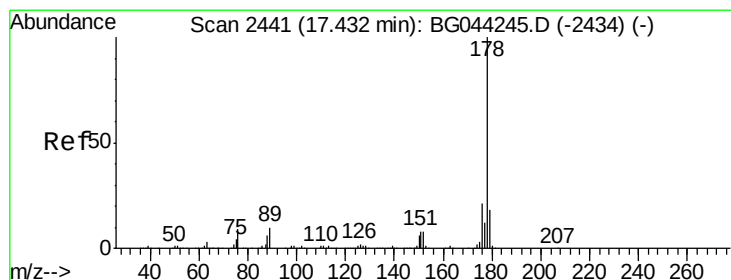
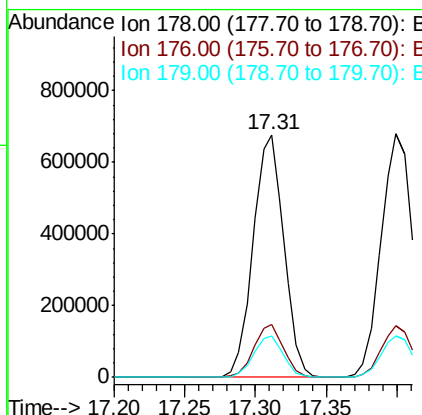
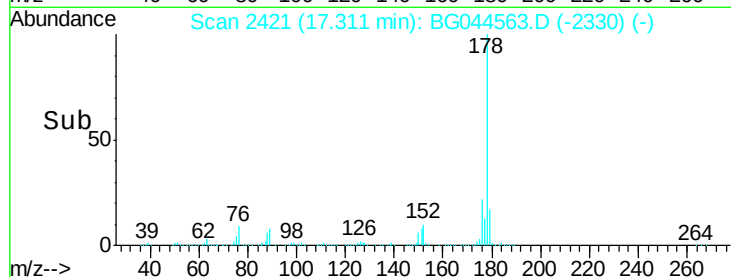
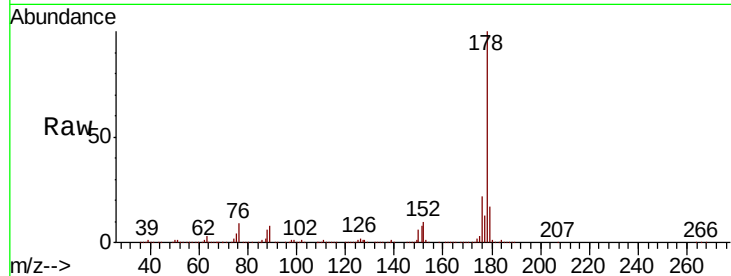
#71
Phenanthrene
Concen: 52.923 ng
RT: 17.31 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion:178 Resp: 1034770
Ion Ratio Lower Upper
178 100
176 22.0 17.4 26.0
179 17.2 13.8 20.6

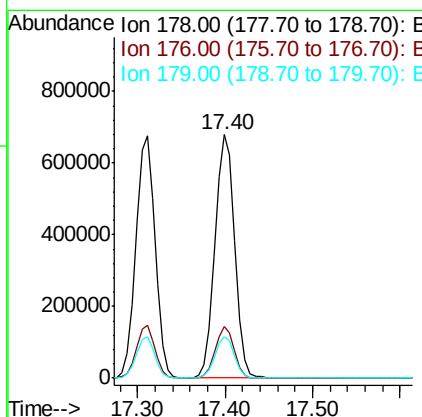
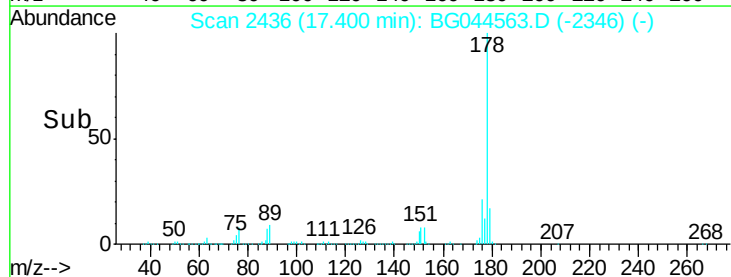
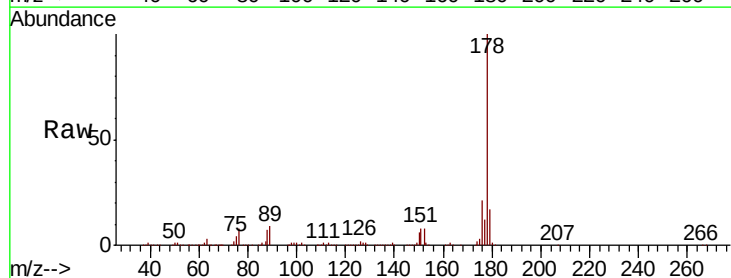
Manual Integrations
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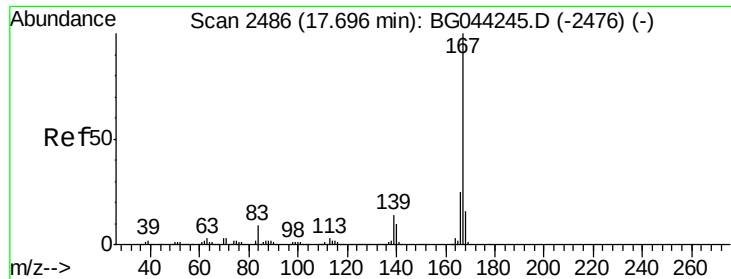
mohammad
2/24/2020 3:30:30 PM



#72
Anthracene
Concen: 54.957 ng
RT: 17.40 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion:178 Resp: 1062361
Ion Ratio Lower Upper
178 100
176 21.2 17.1 25.7
179 17.0 13.9 20.9





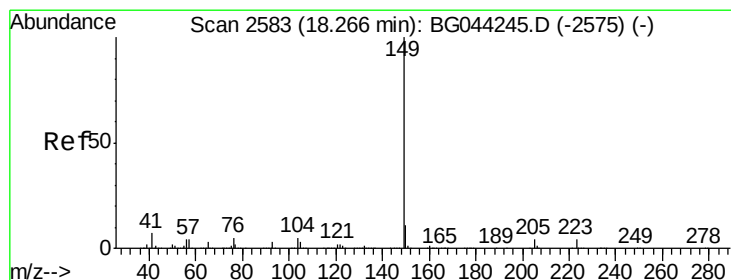
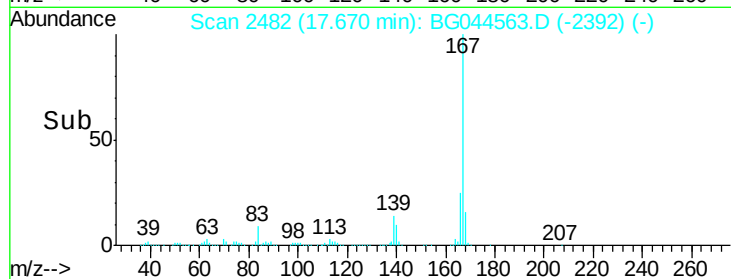
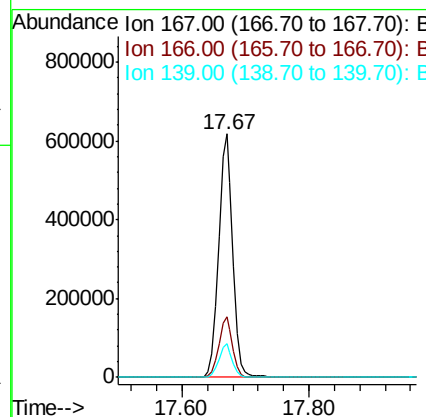
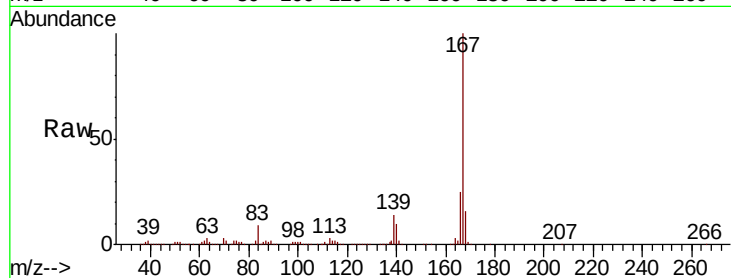
#73
 Carbazole
 Concen: 54.902 ng
 RT: 17.67 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.5	29.3
139	13.8	10.8	16.2

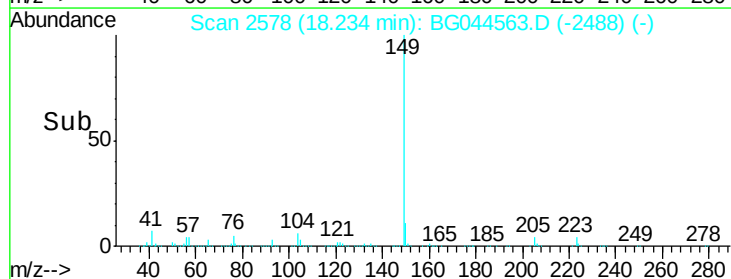
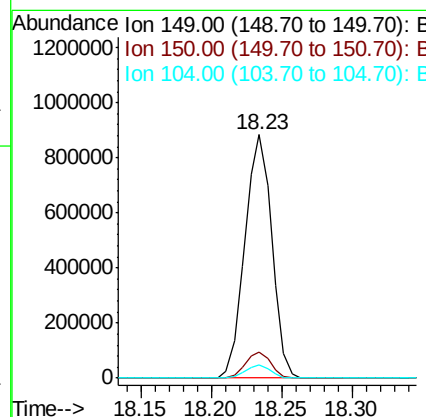
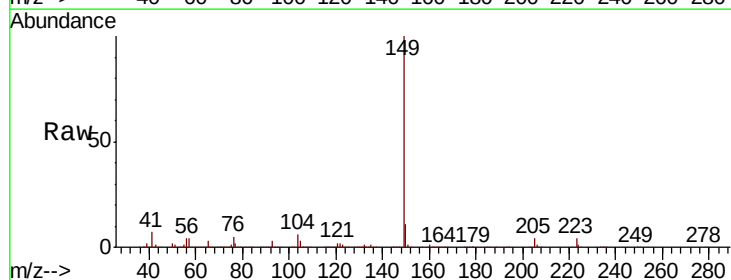
Manual Integrations
 APPROVED

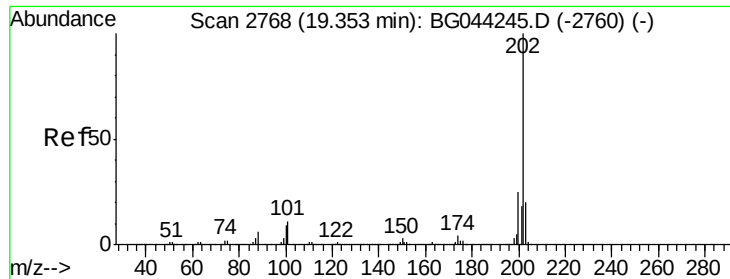
mohammad
 2/24/2020 3:30:30 PM



#74
 Di-n-butylphthalate
 Concen: 53.467 ng
 RT: 18.23 min Scan# 2578
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.9	9.0	13.4
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 55.537 ng

RT: 19.32 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

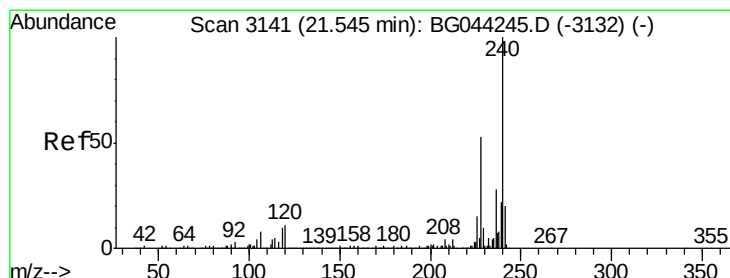
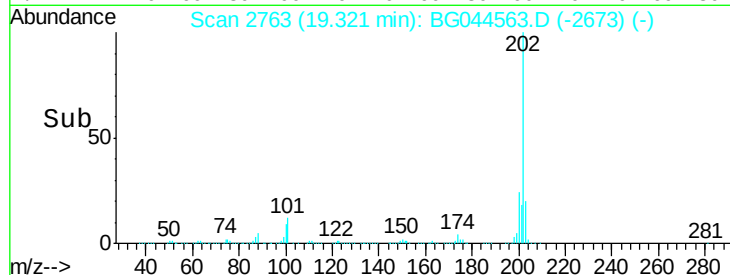
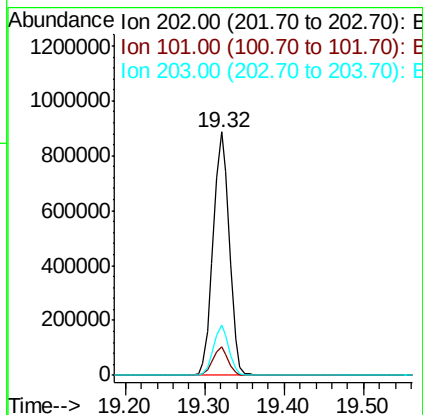
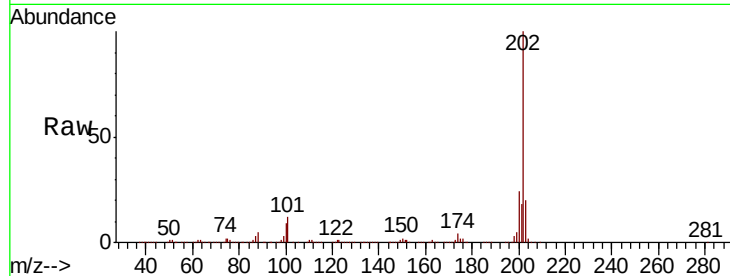
ClientSampleId :

BU-03-021820MSD

Tot Ion:	202	Resp:	1256155
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.4
203	20.5	0.3	40.3

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#76

Chrysene-d12

Concen: 20.000 ng

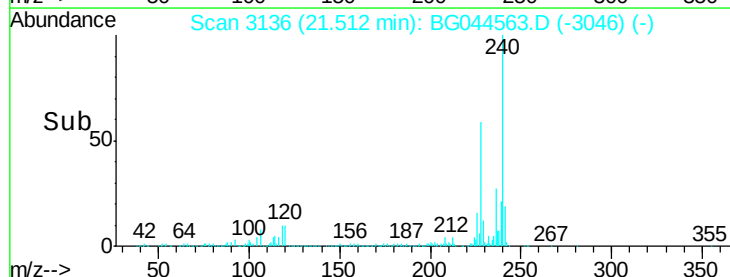
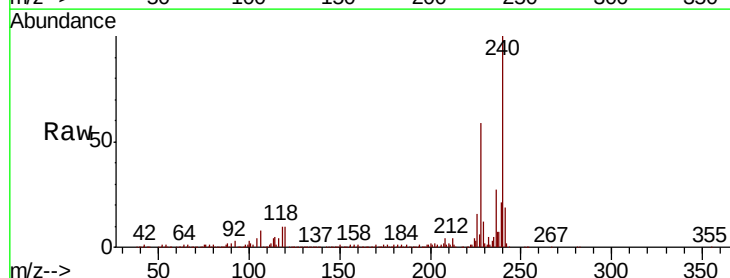
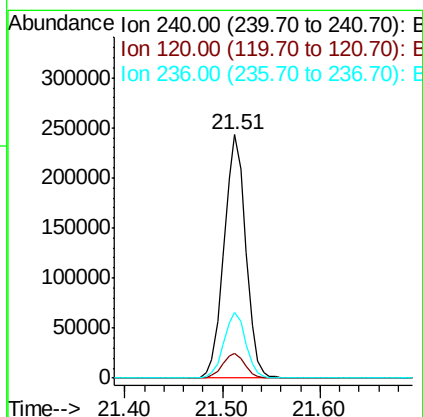
RT: 21.51 min Scan# 3136

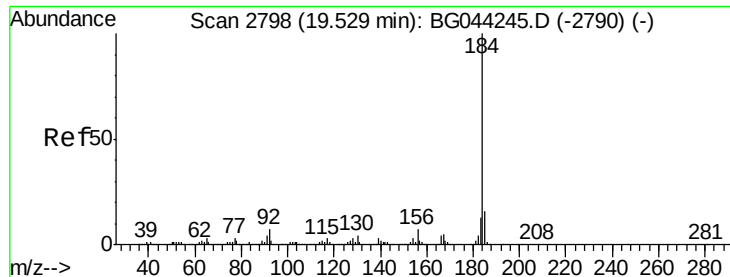
Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Tgt Ion:	240	Resp:	375319
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	27.1	22.0	33.0





#77

Benzidine

Concen: 22.442 ng

RT: 19.50 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

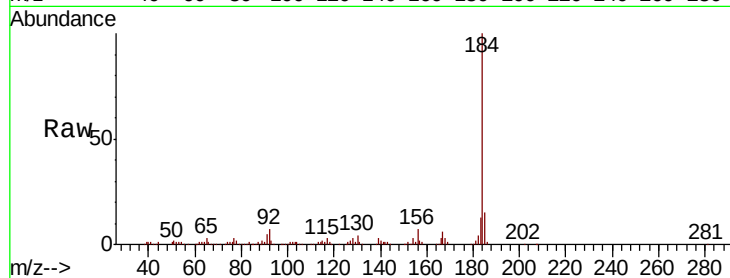
ClientSampleId :

BU-03-021820MSD

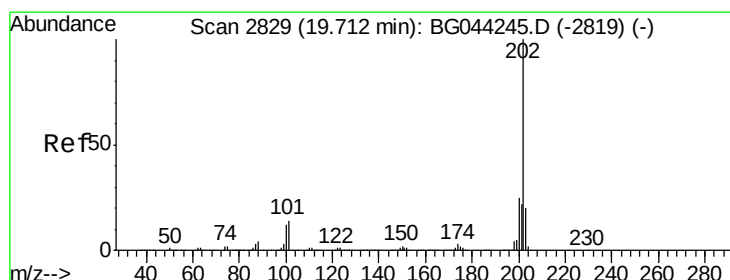
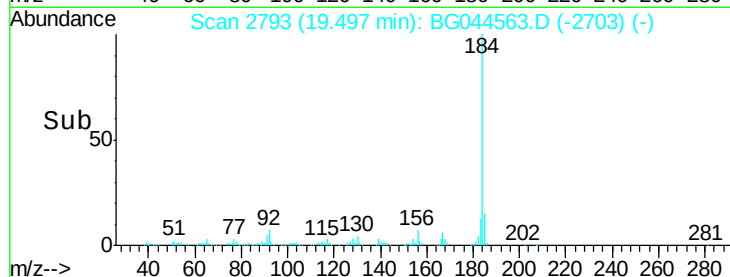
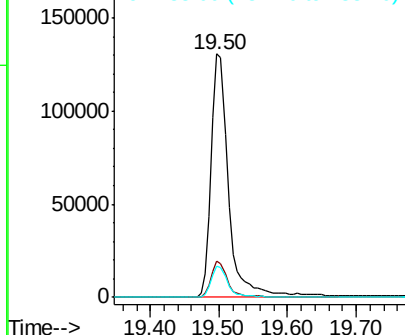
Tot Ion:	184	Resp:	233628
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.0	19.4
183	12.7	11.0	16.4

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



#78

Pyrene

Concen: 52.313 ng

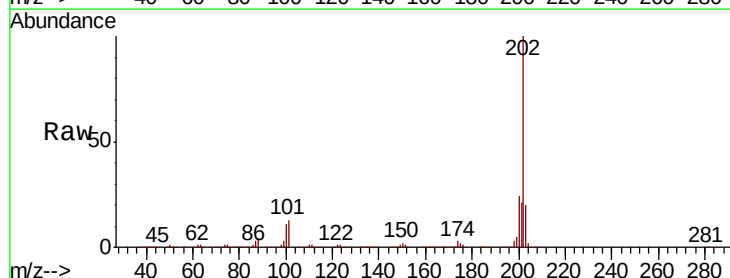
RT: 19.69 min Scan# 2825

Delta R.T. 0.00 min

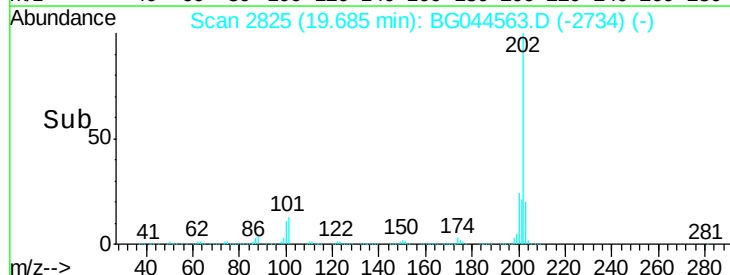
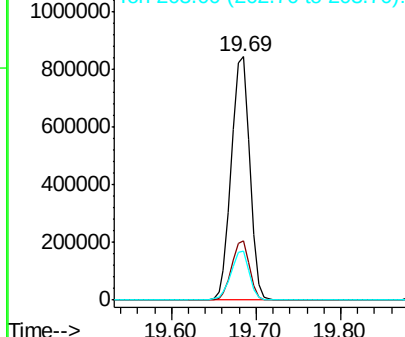
Lab File: BG044563.D

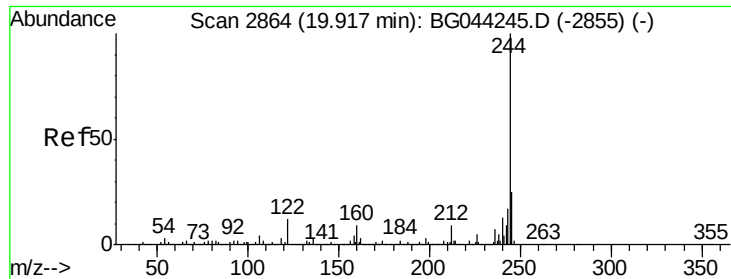
Acq: 22 Feb 2020 00:09

Tgt Ion:	202	Resp:	1260899
Ion Ratio	Lower	Upper	
202	100		
200	24.3	19.7	29.5
203	20.1	16.8	25.2



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





#79

Terphenyl-d14

Concen: 97.721 ng

RT: 19.88 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

ClientSampleId :

BU-03-021820MSD

Tot Ion:244 Resp: 1783121

Ion Ratio Lower Upper

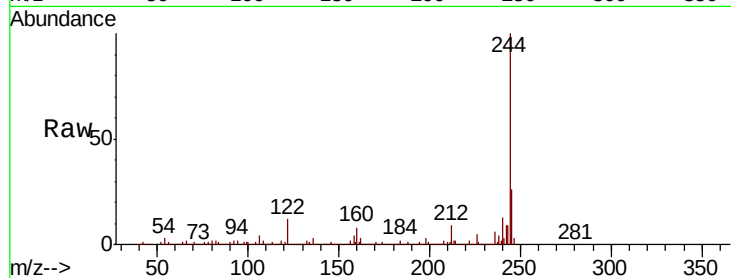
244 100

212 9.2 7.6 11.4

122 11.8 9.8 14.8

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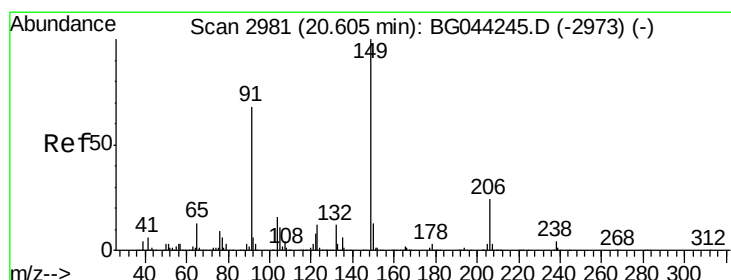
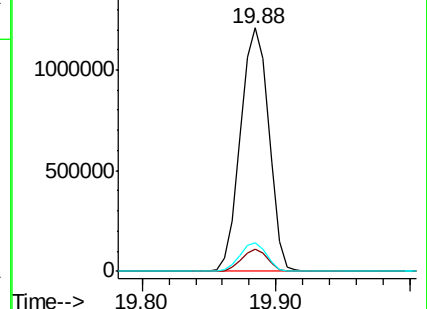
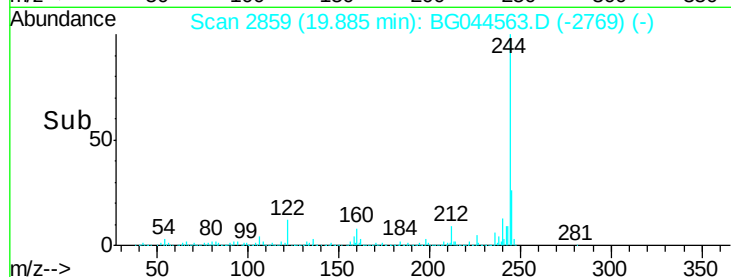
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.073 ng

RT: 20.57 min Scan# 2976

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

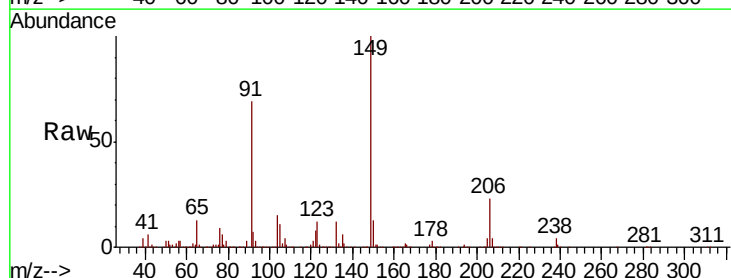
Tgt Ion:149 Resp: 560988

Ion Ratio Lower Upper

149 100

91 69.4 55.0 82.4

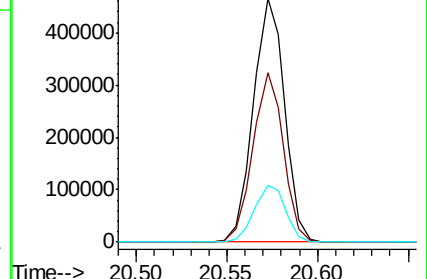
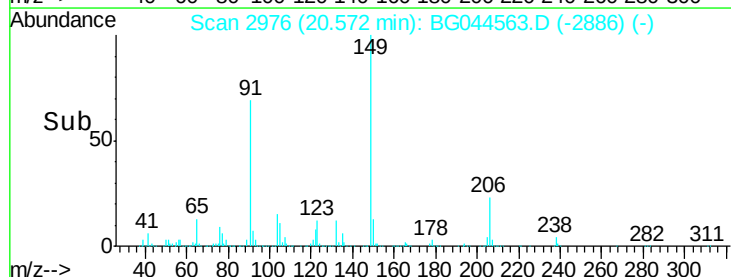
206 23.5 20.1 30.1

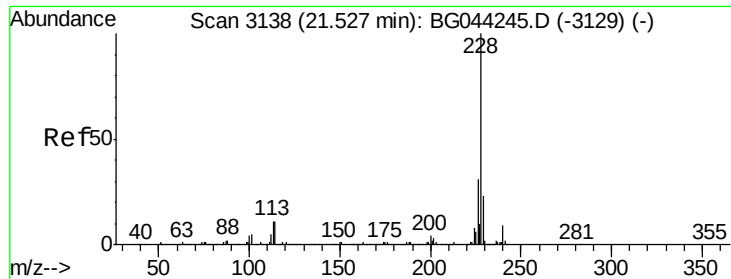


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





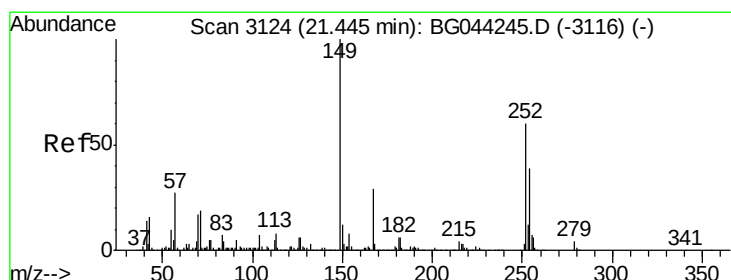
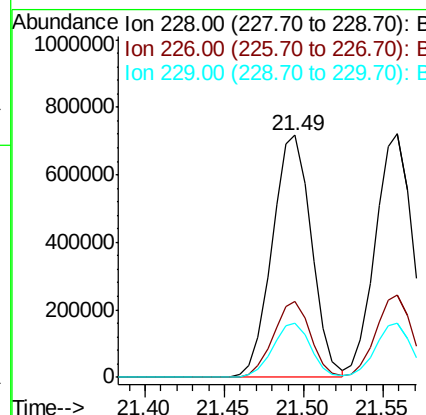
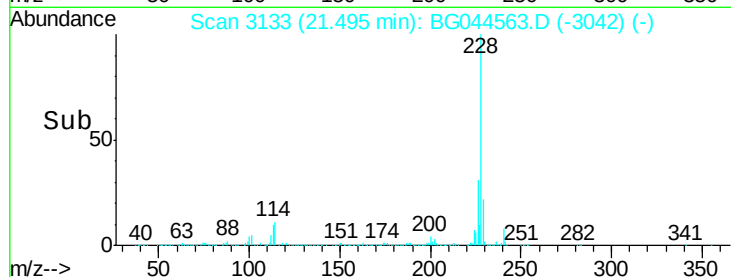
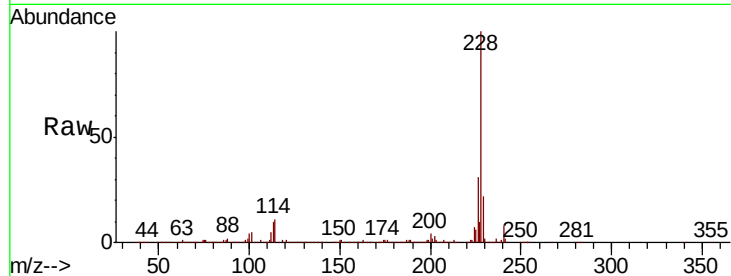
#81
Benzo(a)anthracene
Concen: 53.415 ng
RT: 21.49 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	22.4	18.2	27.4

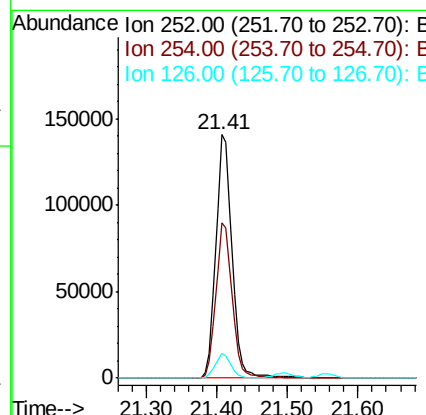
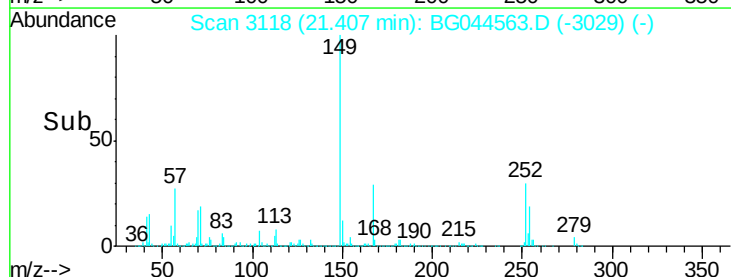
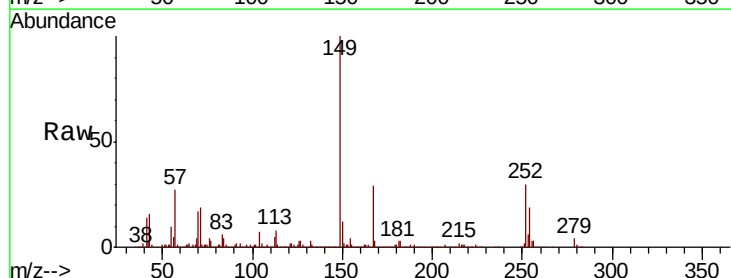
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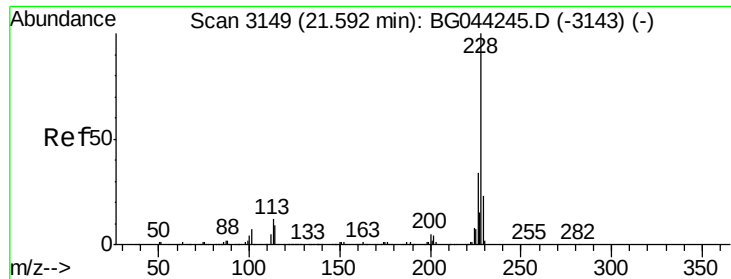
mohammad
2/24/2020 3:30:30 PM



#82
3,3'-Dichlorobenzidine
Concen: 25.217 ng
RT: 21.41 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	54.2	81.4
126	10.0	7.9	11.9





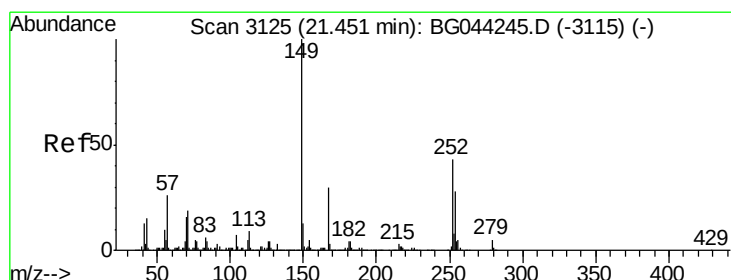
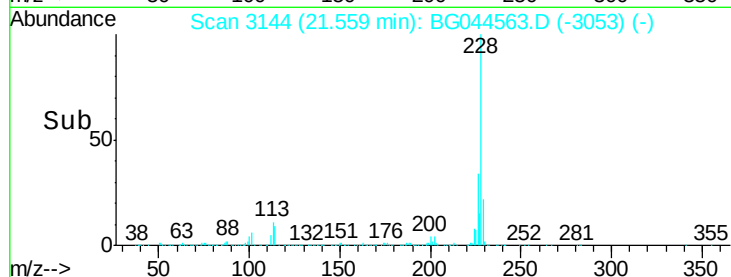
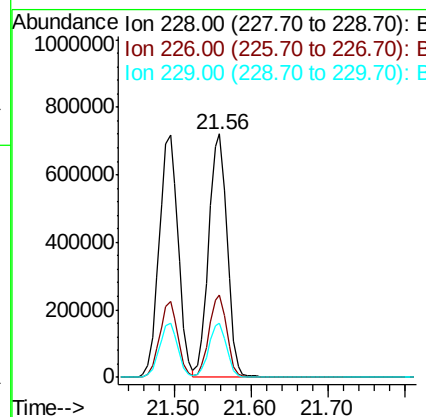
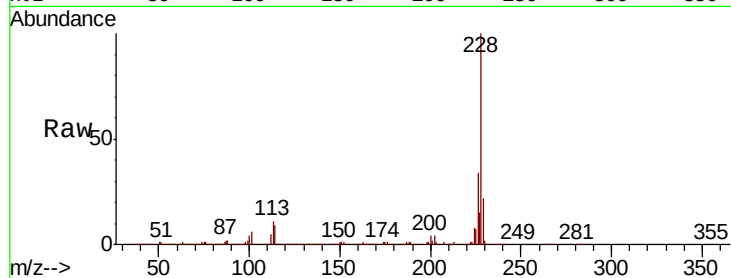
#83
 Chrysene
 Concen: 52.978 ng
 RT: 21.56 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-021820MSD

Tot Ion:228 Resp: 1184507
 Ion Ratio Lower Upper
 228 100
 226 33.8 27.7 41.5
 229 22.4 18.2 27.2

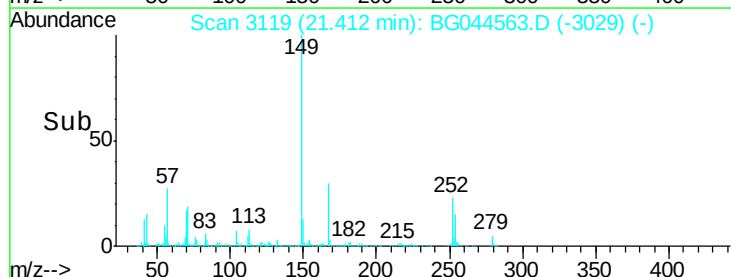
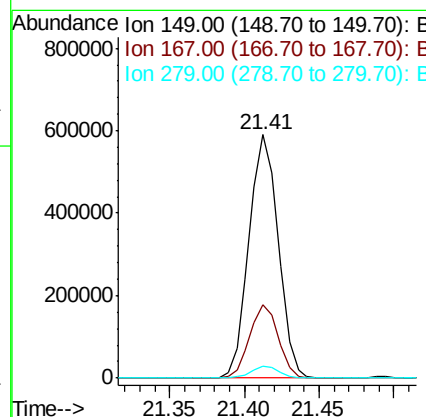
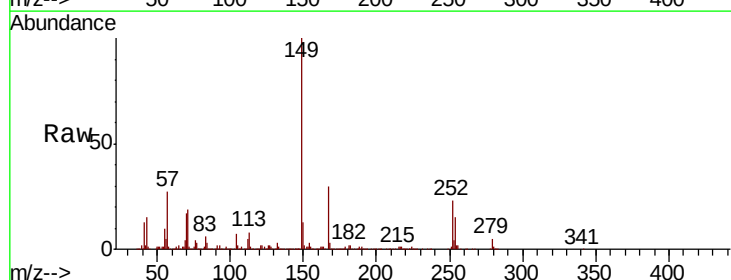
Manual Integrations
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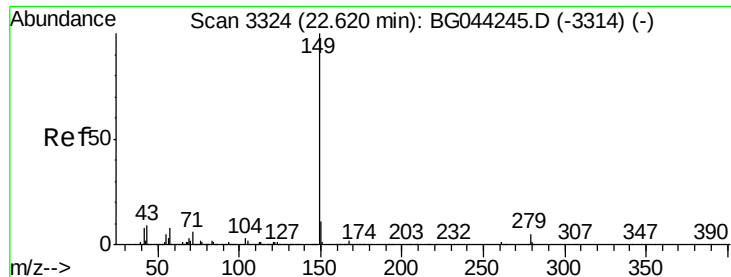
mohammad
 2/24/2020 3:30:30 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.731 ng
 RT: 21.41 min Scan# 3119
 Delta R.T. -0.00 min
 Lab File: BG044563.D
 Acq: 22 Feb 2020 00:09

Tgt Ion:149 Resp: 797214
 Ion Ratio Lower Upper
 149 100
 167 29.9 24.7 37.1
 279 4.7 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 52.929 ng

RT: 22.57 min Scan# 3316

Delta R.T. -0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Instrument :

BNA_G

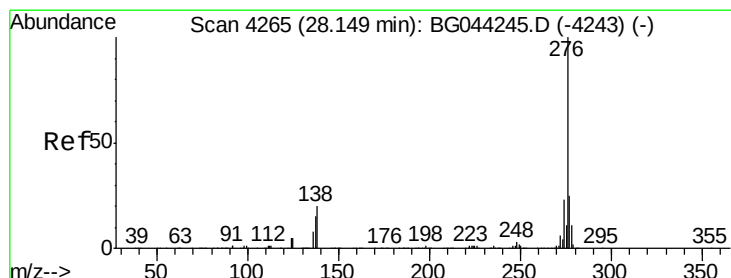
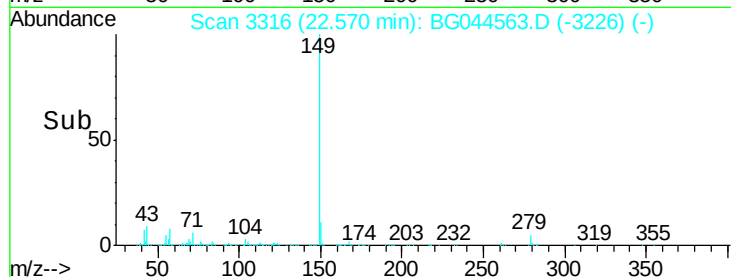
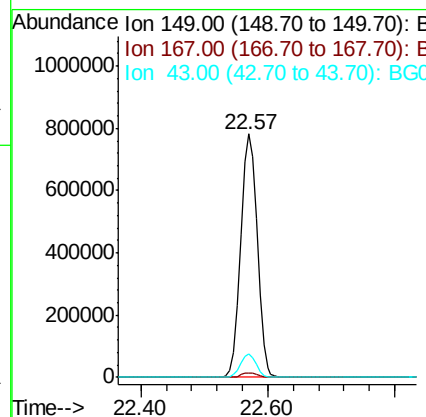
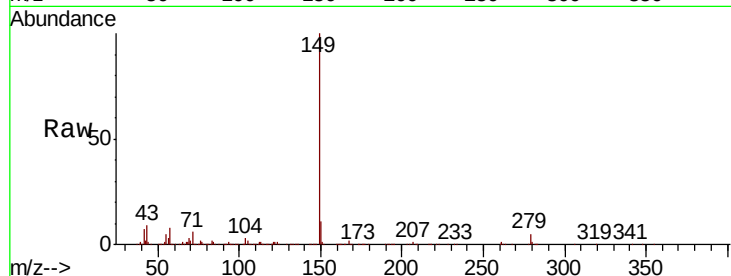
ClientSampleId :

BU-03-021820MSD

Tot Ion:	149	Resp:	1384558
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	8.9	7.6	11.4

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 53.662 ng

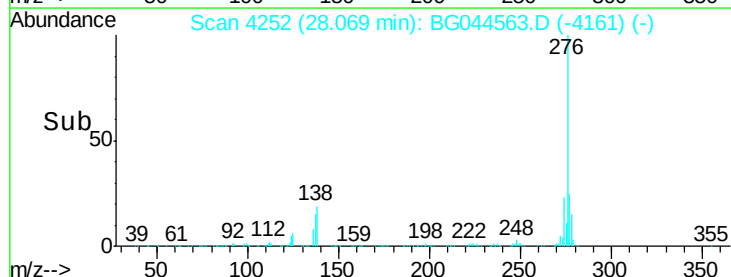
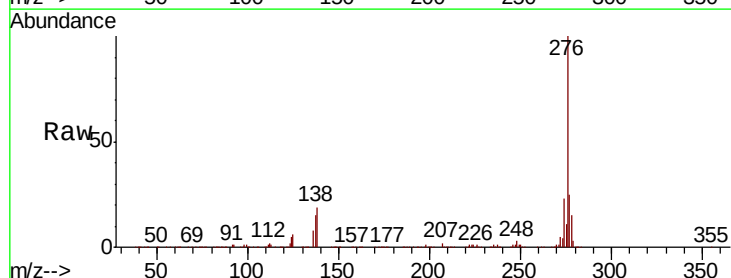
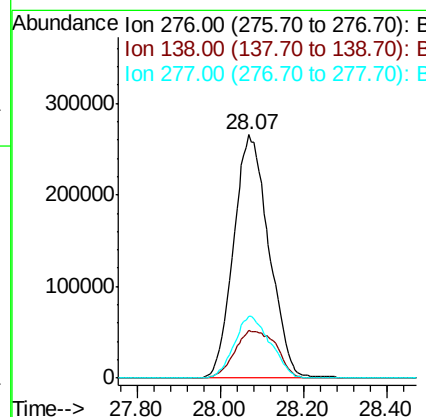
RT: 28.07 min Scan# 4252

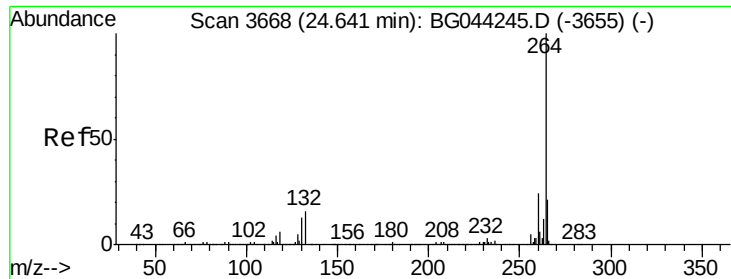
Delta R.T. 0.00 min

Lab File: BG044563.D

Acq: 22 Feb 2020 00:09

Tgt Ion:	276	Resp:	1565324
Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.7	28.1
277	26.1	21.0	31.6





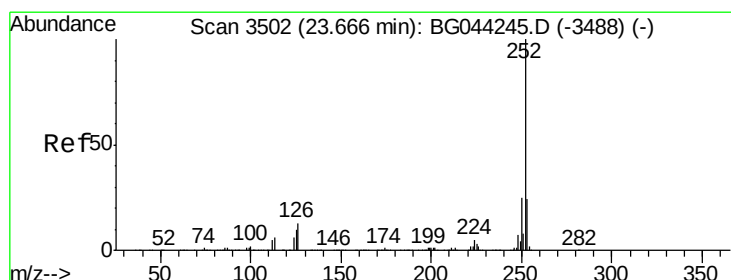
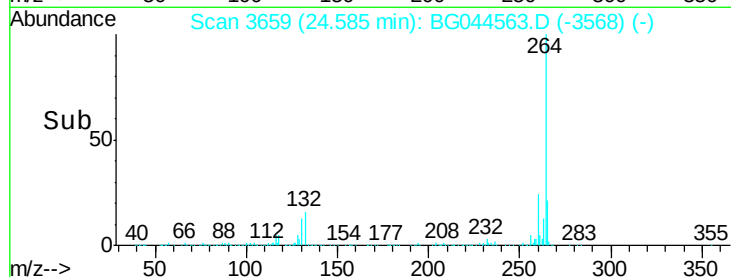
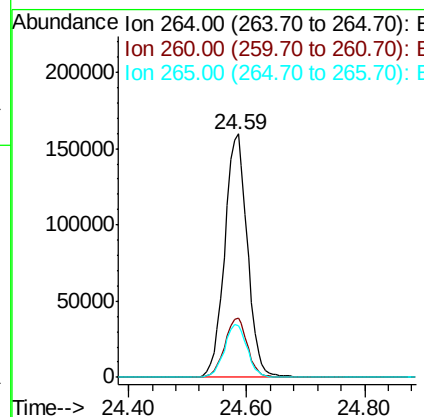
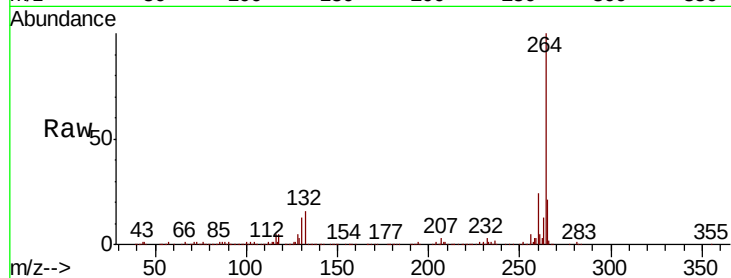
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3659
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	21.3	17.6	26.4

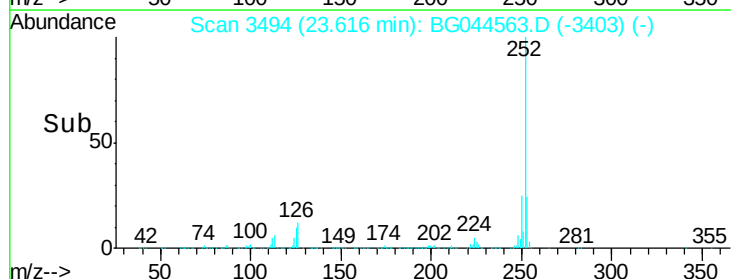
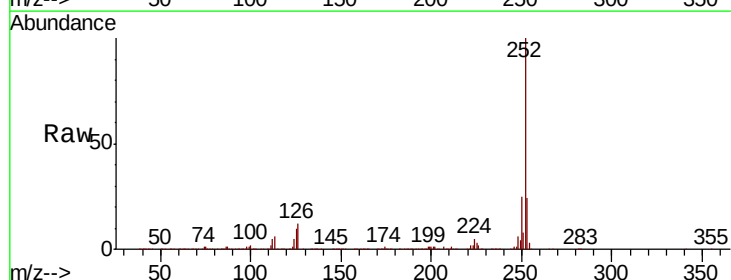
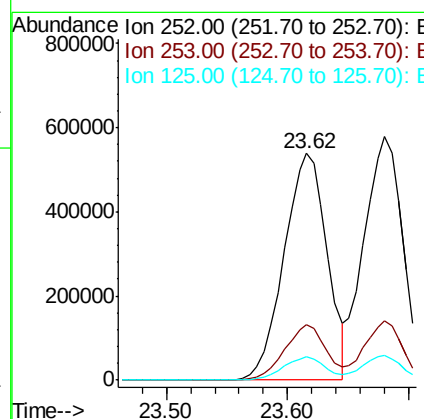
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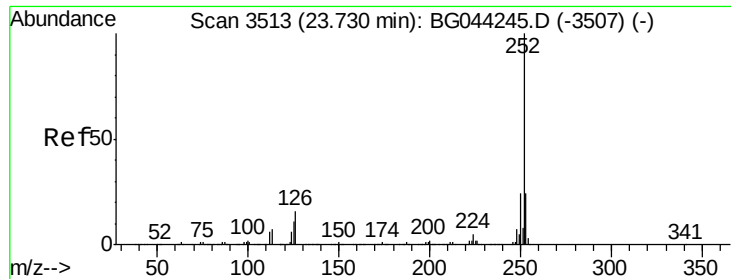
mohammad
2/24/2020 3:30:30 PM



#88
Benzo(b)fluoranthene
Concen: 53.937 ng
RT: 23.62 min Scan# 3494
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.1	28.7
125	10.2	8.1	12.1





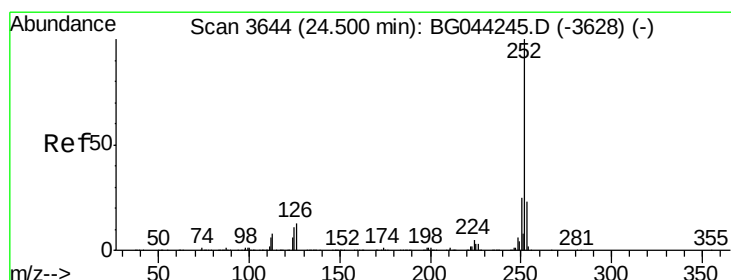
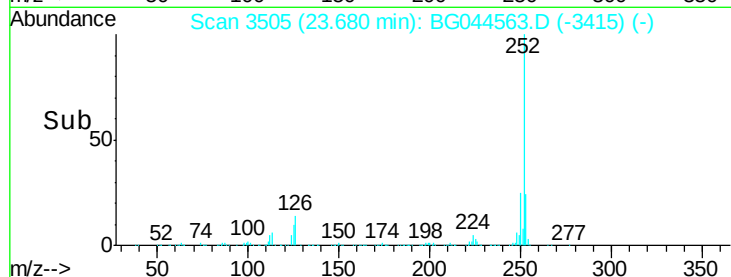
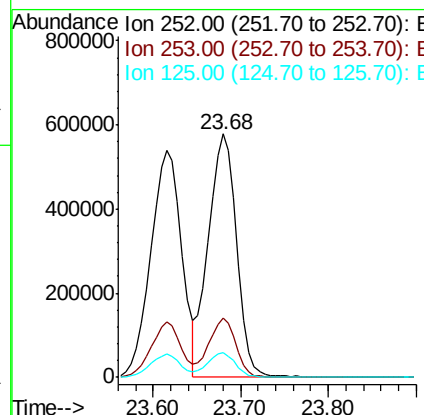
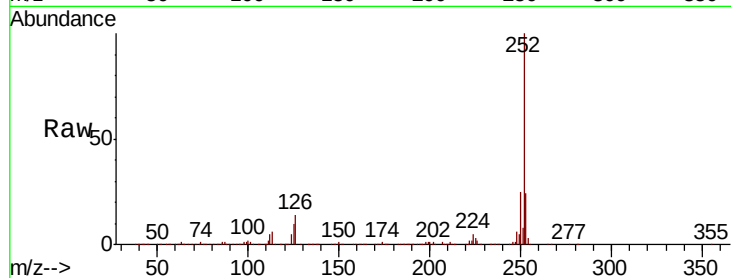
#89
Benzo(k)fluoranthene
Concen: 54.493 ng
RT: 23.68 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.6	29.4
125	10.1	7.9	11.9

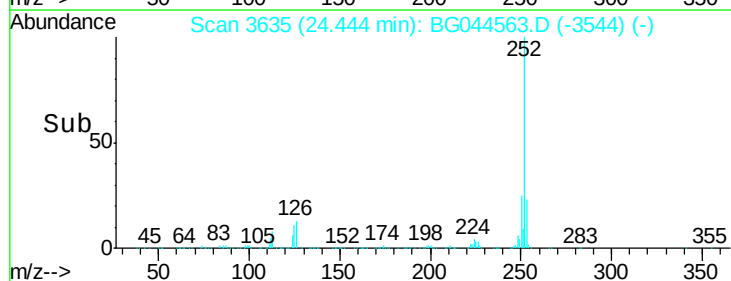
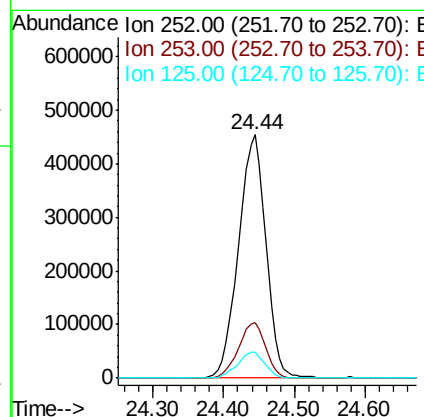
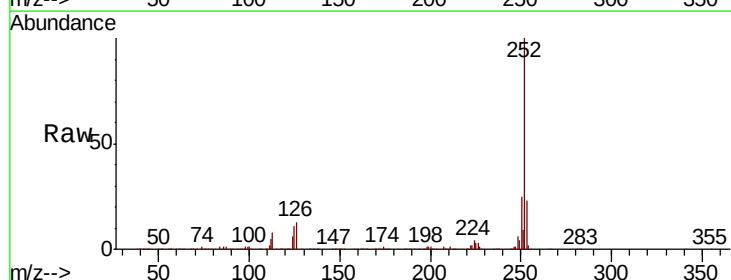
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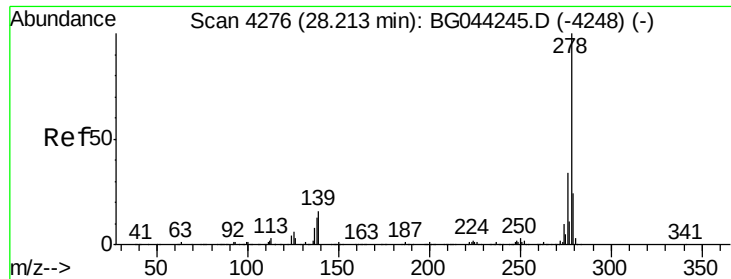
mohammad
2/24/2020 3:30:30 PM



#90
Benzo(a)pyrene
Concen: 52.878 ng
RT: 24.44 min Scan# 3635
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	10.8	8.7	13.1





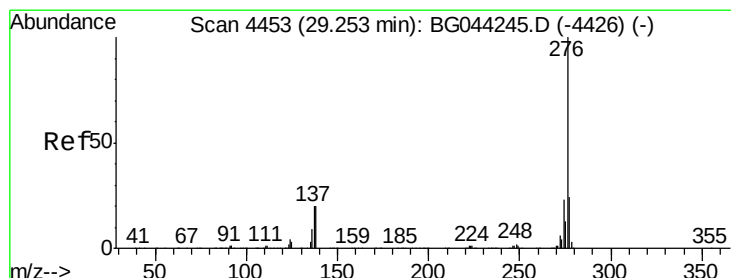
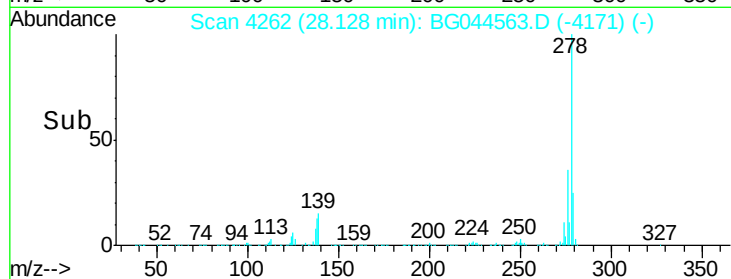
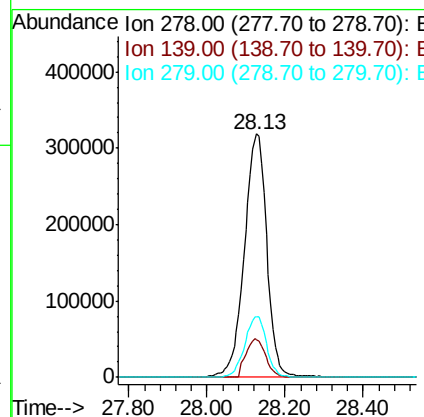
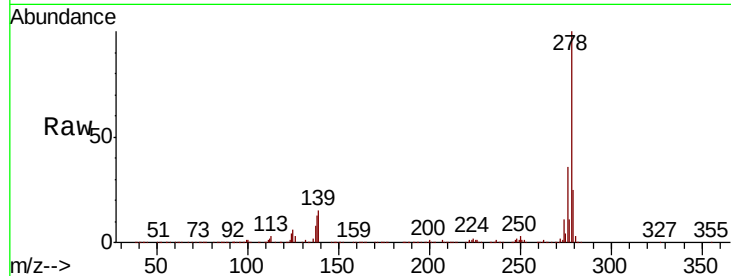
#91
Dibenzo(a,h)anthracene
Concen: 55.862 ng
RT: 28.13 min Scan# 4262
Delta R.T. 0.00 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Instrument :
BNA_G
ClientSampleId :
BU-03-021820MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	24.9	20.2	30.2

Manual Integrations
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2/24/2020 3:30:30 PM



#92
Benzo(g,h,i)perylene
Concen: 56.701 ng
RT: 29.16 min Scan# 4438
Delta R.T. 0.01 min
Lab File: BG044563.D
Acq: 22 Feb 2020 00:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.8	29.8
138	19.9	16.4	24.6

