

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042964.D
 Acq On : 1 Oct 2019 5:46
 Operator : JU
 Sample : K4657-03MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Manual Integrations
 APPROVED

mohammad
 10/2/2019 8:33:30 AM

Quant Time: Oct 01 08:18:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69719	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	248095	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	178966	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	430388	20.00	ng	0.00
76) Chrysene-d12	21.70	240	482101	20.00	ng	-0.01
87) Perylene-d12	24.93	264	526973	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	531170	135.97	ng	0.00
7) Phenol-d6	7.25	99	757416	134.63	ng	0.00
23) Nitrobenzene-d5	9.23	82	481391	94.31	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	440024	142.98	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	1144827	92.74	ng	0.00
79) Terphenyl-d14	20.04	244	2213283	97.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	61556	37.792	ng	# 53
3) Pyridine	3.97	79	93910	20.499	ng	96
4) n-Nitrosodimethylamine	3.87	42	98698	44.801	ng	# 96
6) Aniline	7.40	93	93067	13.704	ng	98
8) 2-Chlorophenol	7.64	128	196922	48.335	ng	99
9) Benzaldehyde	7.21	77	42333	12.314	ng	86
10) Phenol	7.27	94	261841	50.729	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	175410	43.923	ng	98
12) 1,3-Dichlorobenzene	7.96	146	215358	41.437	ng	99
13) 1,4-Dichlorobenzene	8.11	146	219207	42.309	ng	98
14) 1,2-Dichlorobenzene	8.43	146	205022	41.565	ng	96
15) Benzyl Alcohol	8.31	79	200562	47.418	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	300048	39.122	ng	99
17) 2-Methylphenol	8.52	107	175692	48.647	ng	95
18) Hexachloroethane	9.16	117	80707	41.362	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	161008	43.586	ng	97
20) 3+4-Methylphenols	8.84	107	236205	47.725	ng	98
22) Acetophenone	8.90	105	299157	46.779	ng	# 98
24) Nitrobenzene	9.27	77	243922	50.100	ng	99
25) Isophorone	9.79	82	445451	49.683	ng	99
26) 2-Nitrophenol	9.98	139	112566	54.311	ng	100
27) 2,4-Dimethylphenol	10.05	122	187976	59.057	ng	94
28) bis(2-Chloroethoxy)methane	10.28	93	241507	47.476	ng	99
29) 2,4-Dichlorophenol	10.52	162	213563	53.949	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	239535	46.857	ng	97
31) Naphthalene	10.92	128	606877	49.692	ng	99
32) Benzoic acid	10.19	122	129080	51.349	ng	96
33) 4-Chloroaniline	11.03	127	27733	5.233	ng	93
34) Hexachlorobutadiene	11.22	225	174802	45.668	ng	97
35) Caprolactam	11.82	113	69158m	49.540	ng	
36) 4-Chloro-3-methylphenol	12.16	107	233460	54.241	ng	98
37) 2-Methylnaphthalene	12.53	142	460046	49.378	ng	97
38) 1-Methylnaphthalene	12.74	142	429702	48.742	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	300829	44.706	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	408315	95.236	nq	97
43) 2,4,6-Trichlorophenol	13.13	196	203781	51.741	nq	99
44) 2,4,5-Trichlorophenol	13.21	196	213993	52.743	nq	98
46) 1,1'-Biphenyl	13.53	154	614984	45.313	nq	99
47) 2-Chloronaphthalene	13.57	162	481556	47.325	nq	99
48) 2-Nitroaniline	13.77	65	163584	48.343	nq	97
49) Acenaphthylene	14.41	152	772726	49.629	nq	100
50) Dimethylphthalate	14.15	163	778432	58.052	nq	100
51) 2,6-Dinitrotoluene	14.26	165	146670	51.362	nq	99
52) Acenaphthene	14.75	154	472329	45.322	nq	99
53) 3-Nitroaniline	14.59	138	71036	24.071	nq	# 96
54) 2,4-Dinitrophenol	14.79	184	209419	117.983	nq	97
55) Dibenzofuran	15.09	168	758017	49.169	nq	100
56) 4-Nitrophenol	14.91	139	254698	113.272	nq	97
57) 2,4-Dinitrotoluene	15.05	165	214283	51.242	nq	99
58) Fluorene	15.73	166	647186	49.170	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	227222	52.598	nq	98
60) Diethylphthalate	15.51	149	653931	47.919	nq	100
61) 4-Chlorophenyl-phenylether	15.73	204	377929	47.877	nq	98
62) 4-Nitroaniline	15.76	138	149774	46.535	nq	96
63) Azobenzene	16.02	77	584420	47.038	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	145061	59.563	nq	95
66) n-Nitrosodiphenylamine	15.94	169	571770	50.325	nq	96
67) 4-Bromophenyl-phenylether	16.62	248	263842	48.843	nq	98
68) Hexachlorobenzene	16.74	284	285879	47.531	nq	98
69) Atrazine	16.89	200	211092	44.121	nq	94
70) Pentachlorophenol	17.09	266	394180	113.579	nq	98
71) Phenanthrene	17.47	178	1042643	49.622	nq	97
72) Anthracene	17.57	178	1060755	50.569	nq	99
73) Carbazole	17.84	167	1010009	51.924	nq	99
74) Di-n-butylphthalate	18.39	149	1167891	50.322	nq	99
75) Fluoranthene	19.48	202	1433524	51.581	nq	99
77) Benzidine	19.67	184	56528	4.683	nq	# 95
78) Pyrene	19.84	202	1440876	50.074	nq	97
80) Butylbenzylphthalate	20.73	149	556113	50.916	nq	99
81) Benzo(a)anthracene	21.69	228	1490106	49.605	nq	98
82) 3,3'-Dichlorobenzidine	21.60	252	302694	25.692	nq	99
83) Chrysene	21.75	228	1458537	50.034	nq	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	783844	50.435	nq	100
85) Di-n-octyl phthalate	22.81	149	1321389	51.995	nq	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1857117	51.174	nq	99
88) Benzo(b)fluoranthene	23.91	252	1599191	53.633	nq	99
89) Benzo(k)fluoranthene	23.98	252	1533570	51.989	nq	100
90) Benzo(a)pyrene	24.78	252	1521241	54.076	nq	99
91) Dibenzo(a,h)anthracene	28.68	278	1564054	54.219	nq	98
92) Benzo(g,h,i)perylene	29.75	276	1551534	55.511	nq	97

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

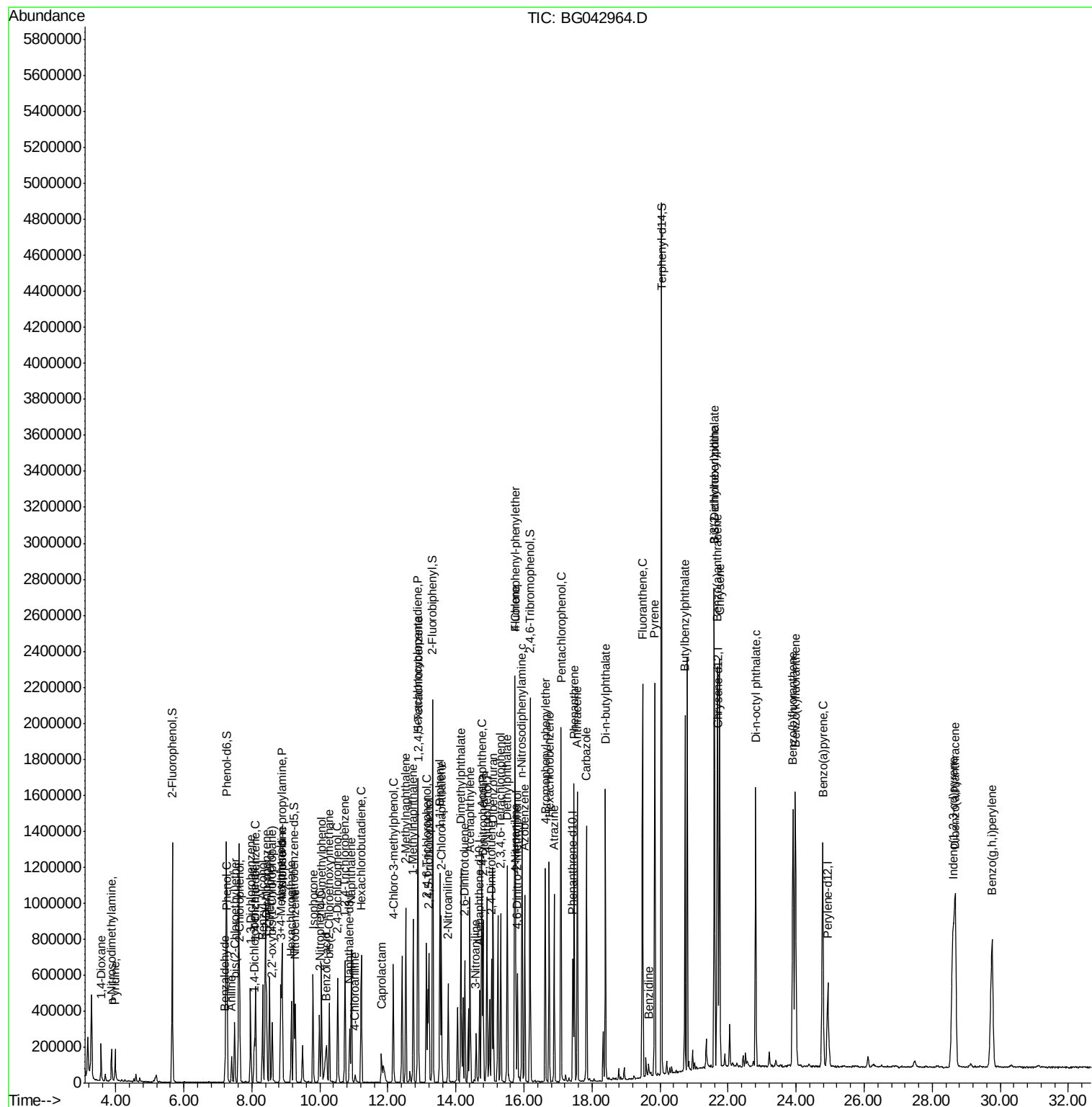
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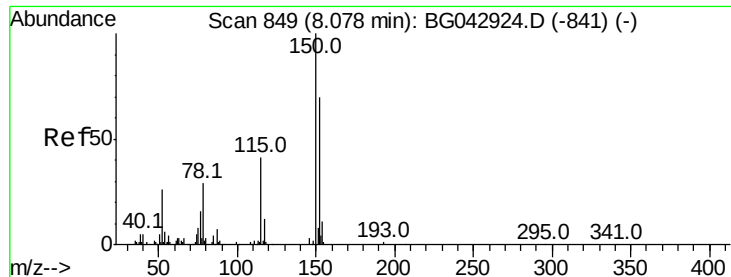
Instrument :
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#1

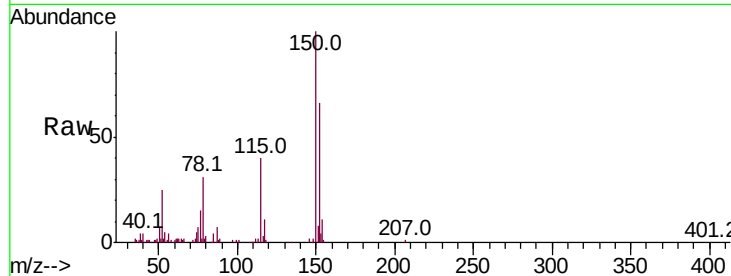
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.1	115.0	172.4
115	60.7	47.0	70.6

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Abundance

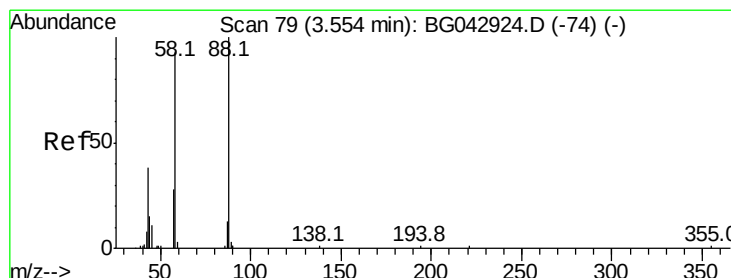
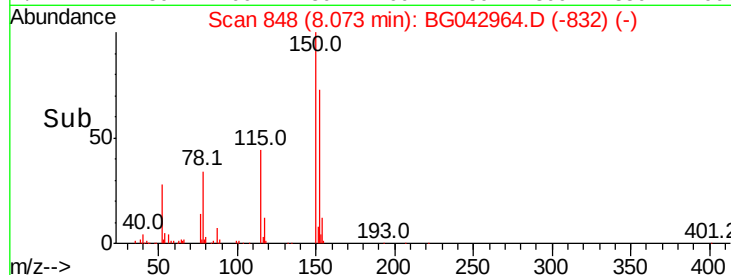
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

8.07

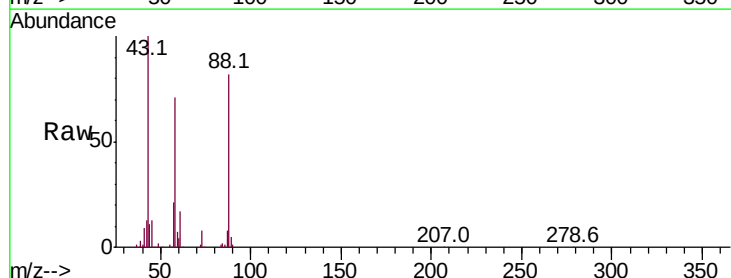
Time-->



#2

1,4-Dioxane
Concen: 37.792 ng
RT: 3.57 min Scan# 82
Delta R.T. 0.02 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.5	74.3	111.5
43	134.7	29.8	44.8#



Abundance

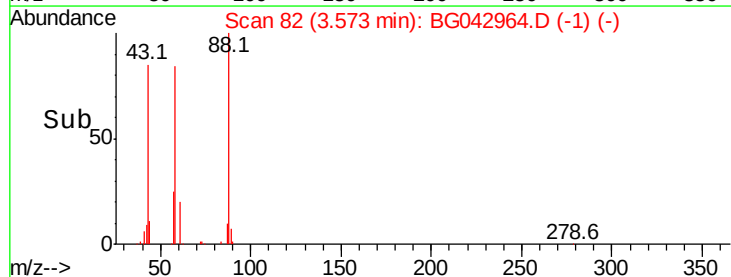
Ion 88.00 (87.70 to 88.70): BGC

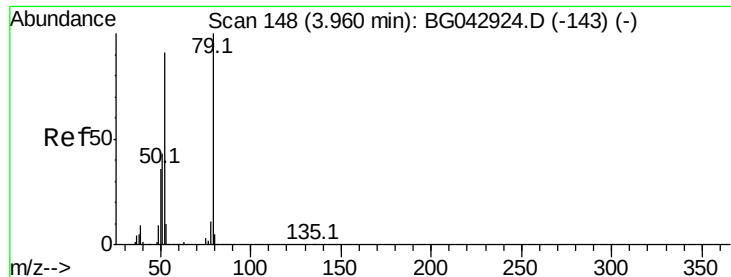
Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

3.57

Time-->





#3

Pvridine

Concen: 20.499 ng

RT: 3.97 min Scan# 150

Delta R.T. 0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

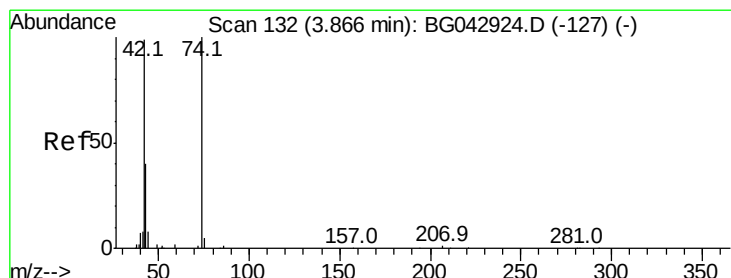
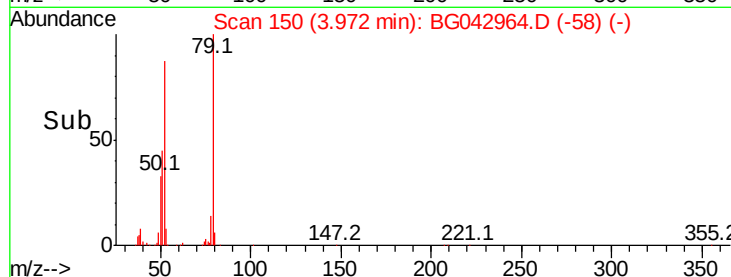
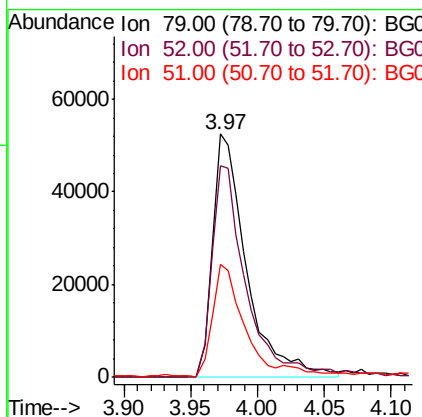
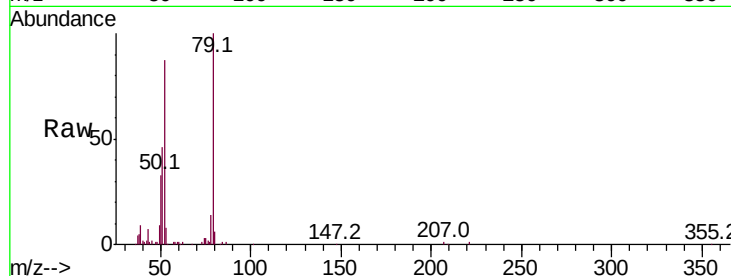
ClientSampleId :

BU-02-092419MSD

Tot Ion:	79	Resp:	93910
Ion Ratio	Lower	Upper	
79	100		
52	86.8	73.0	109.4
51	46.2	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 44.801 ng

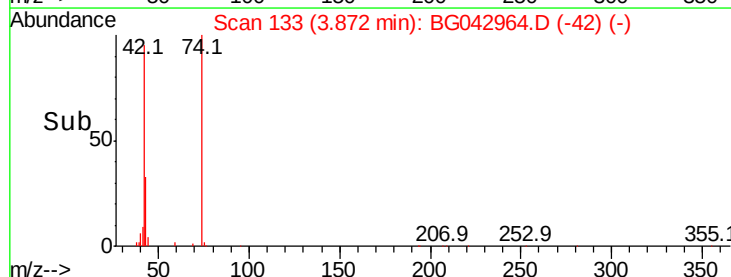
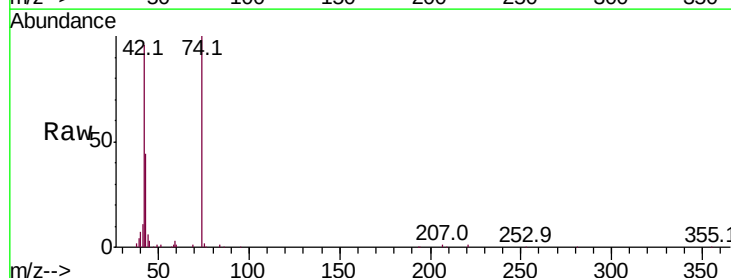
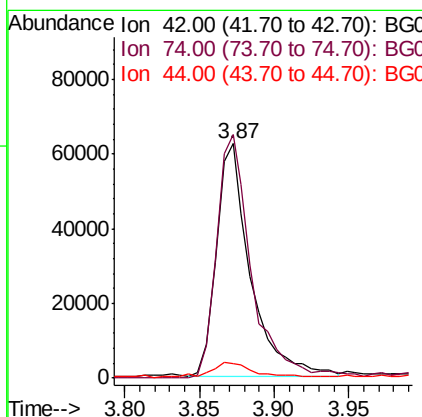
RT: 3.87 min Scan# 133

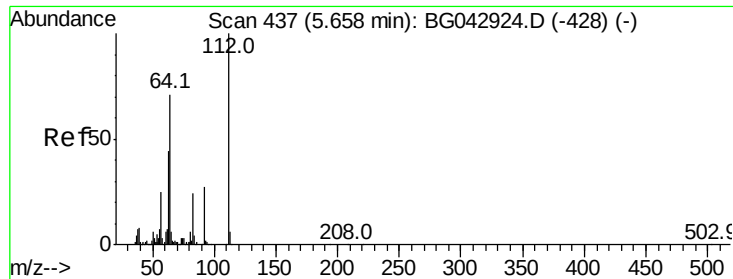
Delta R.T. 0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion:	42	Resp:	98698
Ion Ratio	Lower	Upper	
42	100		
74	104.0	80.5	120.7
44	6.1	6.9	10.3#





#5

2-Fluorophenol

Concen: 135.965 ng

RT: 5.66 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

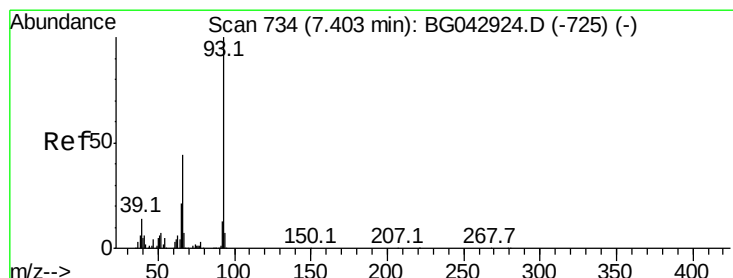
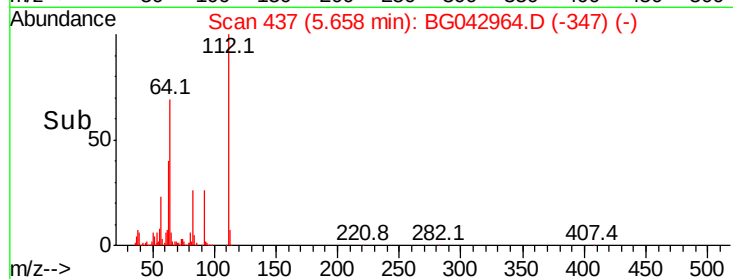
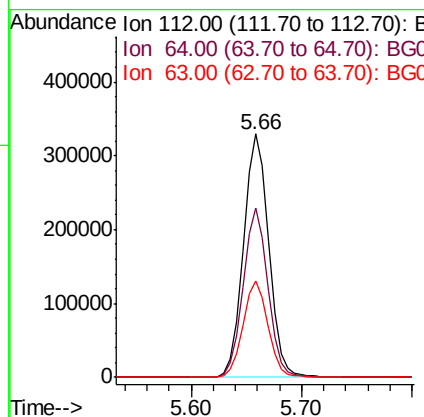
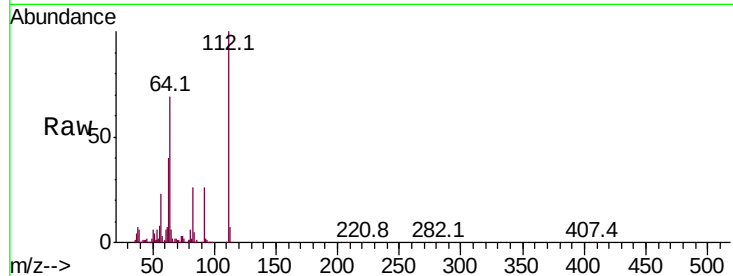
ClientSampleId :

BU-02-092419MSD

Tot Ion:	112	Resp:	531170
Ion Ratio	Lower	Upper	
112	100		
64	69.4	56.6	84.8
63	39.8	35.1	52.7

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#6

Aniline

Concen: 13.704 ng

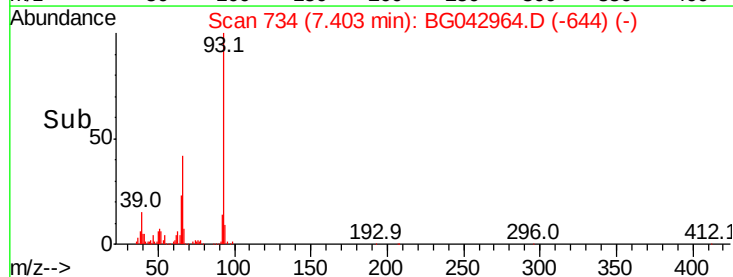
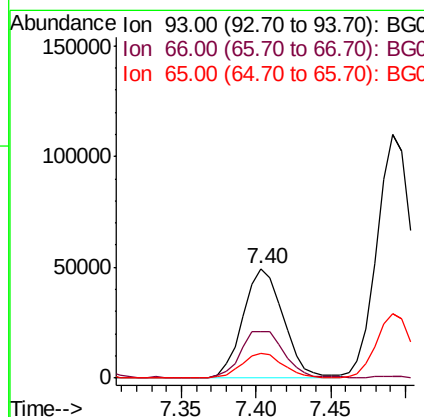
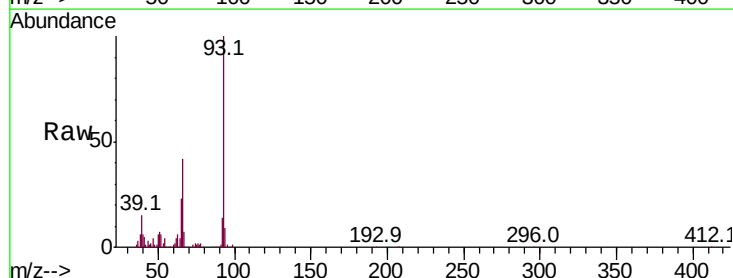
RT: 7.40 min Scan# 734

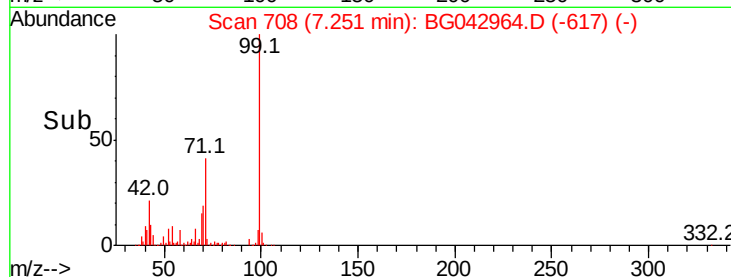
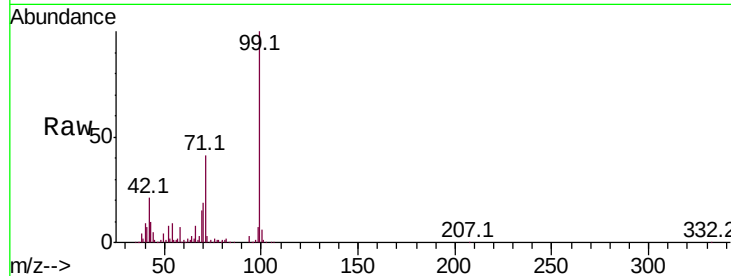
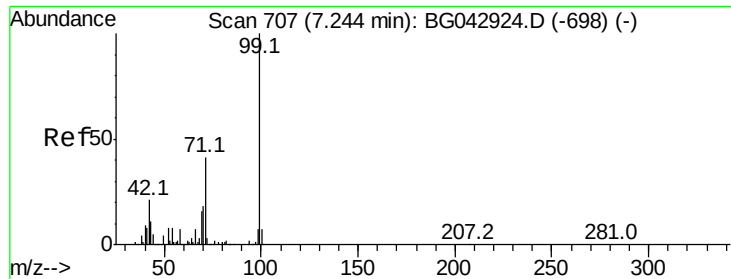
Delta R.T. 0.00 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion:	93	Resp:	93067
Ion Ratio	Lower	Upper	
93	100		
66	42.4	35.0	52.6
65	22.5	17.4	26.0





#7

Phenol-d6

Concen: 134.632 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		757416		
42	20.8	17.2	25.8		
71	40.6	33.1	49.7		

Instrument :

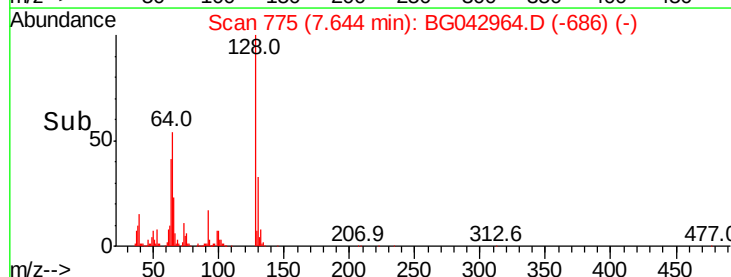
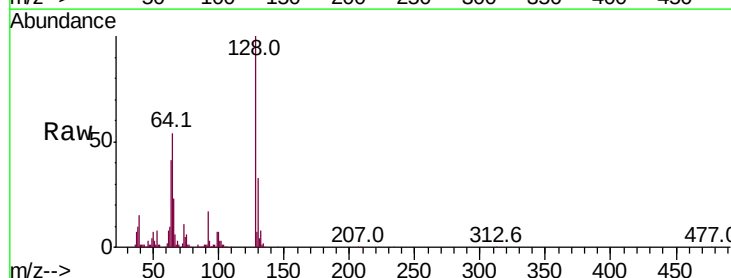
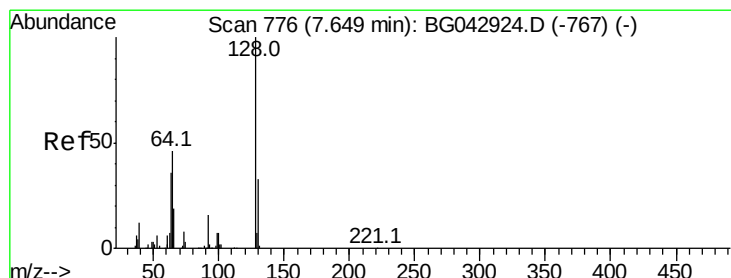
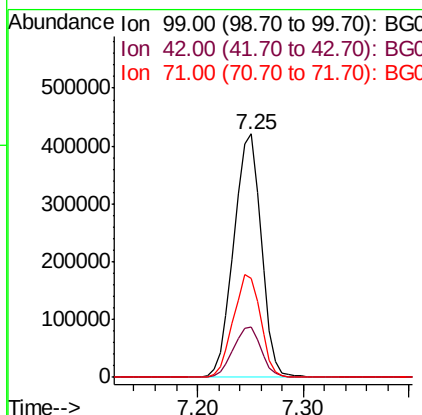
BNA_G

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#8

2-Chlorophenol

Concen: 48.335 ng

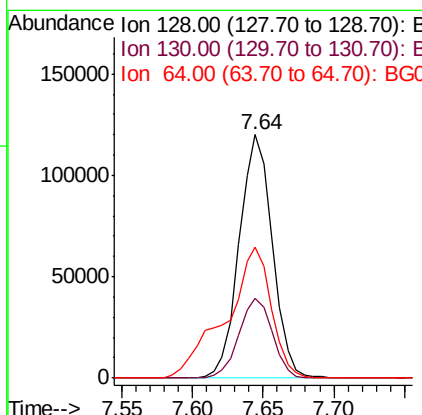
RT: 7.64 min Scan# 775

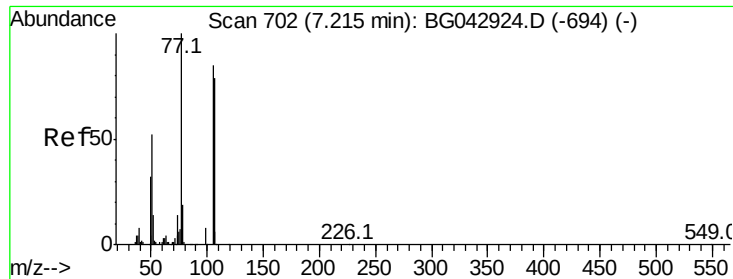
Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		196922		
130	33.0	12.5	52.5		
64	54.0	32.8	72.8		





#9

Benzaldehyde

Concen: 12.314 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

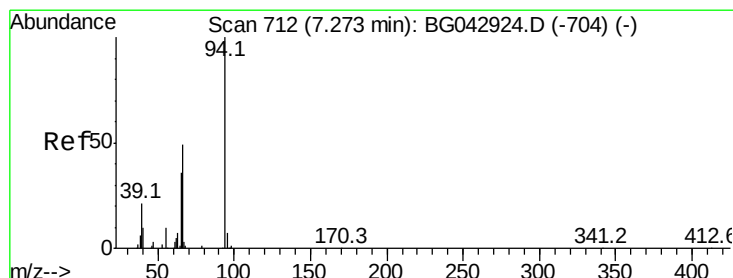
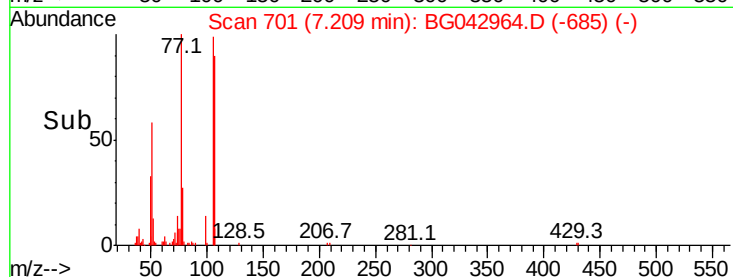
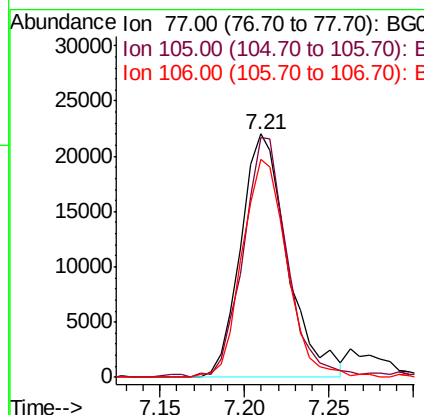
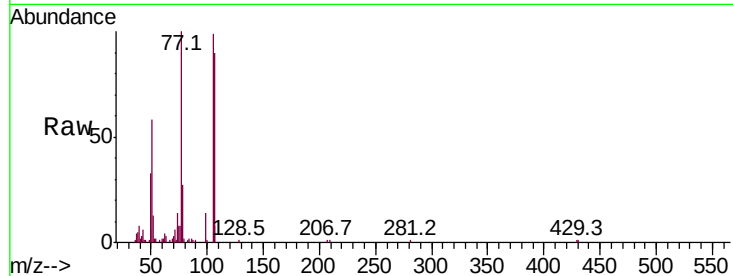
ClientSampleId :

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Tot Ion:	77	Resp:	42333
Ion Ratio	Lower	Upper	
77	100		
105	98.5	64.6	104.6
106	89.7	59.4	99.4

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#10

Phenol

Concen: 50.729 ng

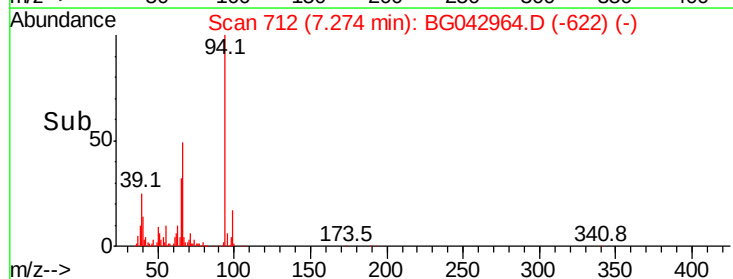
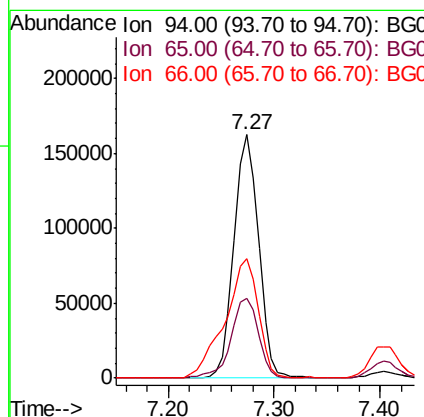
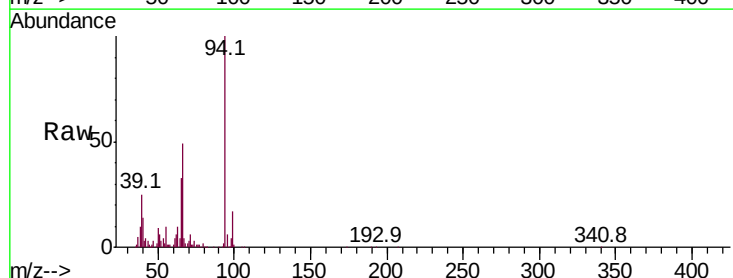
RT: 7.27 min Scan# 712

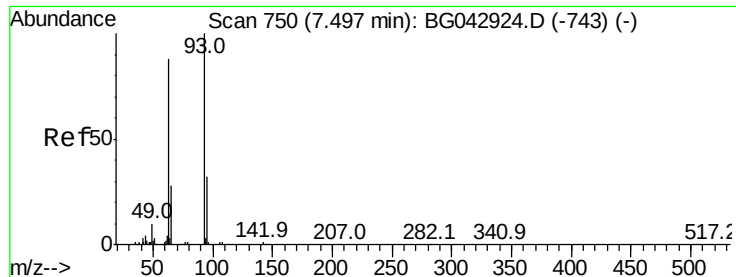
Delta R.T. 0.00 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion:	94	Resp:	261841
Ion Ratio	Lower	Upper	
94	100		
65	32.5	16.6	56.6
66	48.9	32.4	72.4





#11

bis(2-Chloroethyl)ether

Concen: 43.923 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

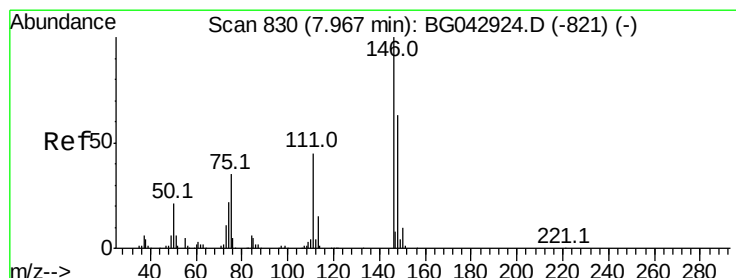
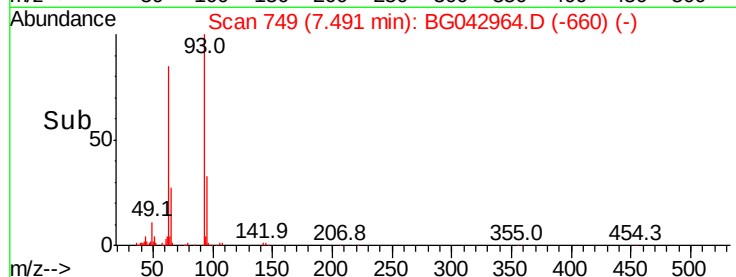
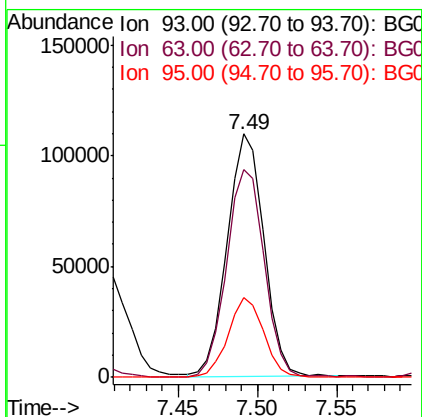
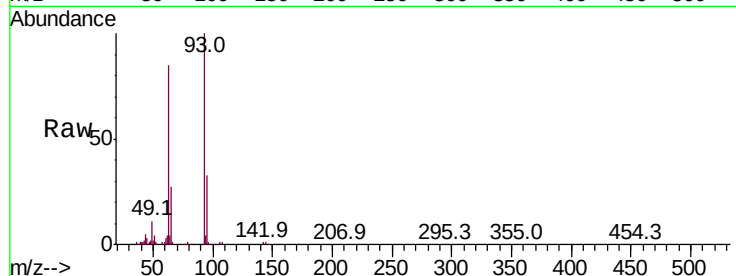
ClientSampleId :

BU-02-092419MSD

Tot Ion:	93	Resp:	175410
Ion Ratio	Lower	Upper	
93	100		
63	85.5	67.4	107.4
95	33.0	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 41.437 ng

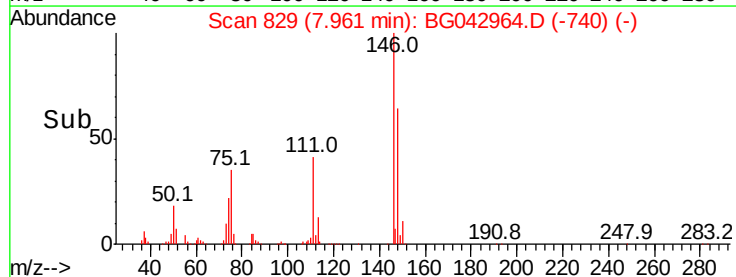
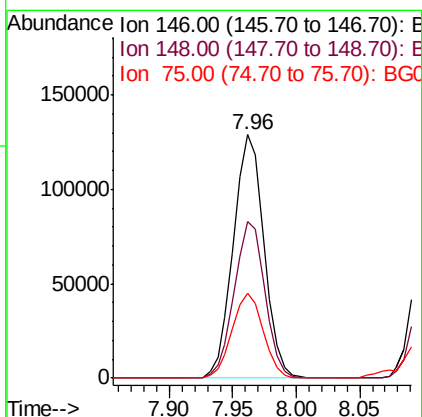
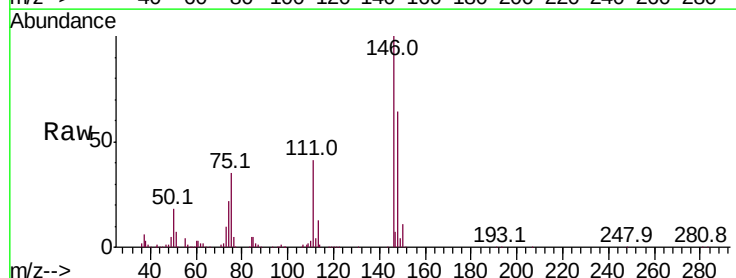
RT: 7.96 min Scan# 829

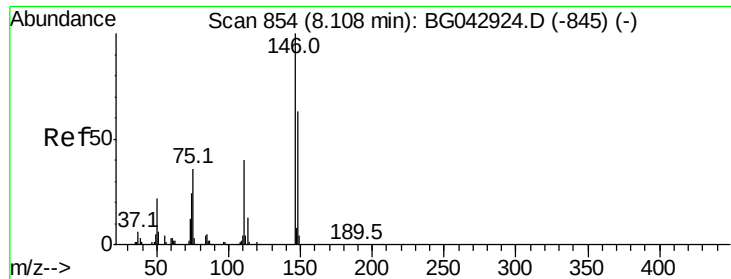
Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion:	146	Resp:	215358
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.7	76.1
75	34.9	27.7	41.5





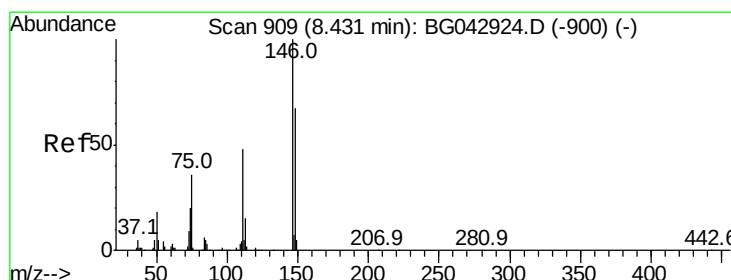
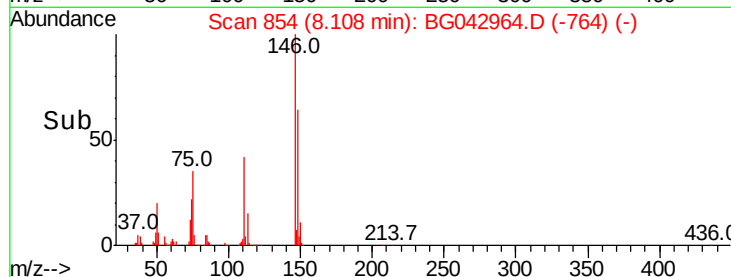
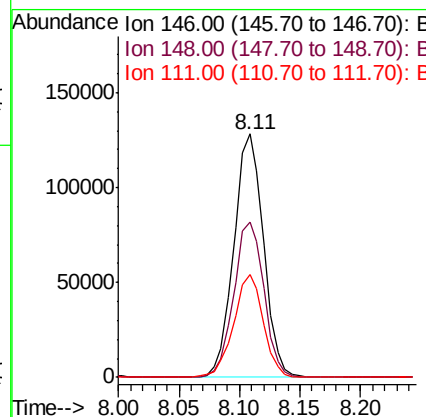
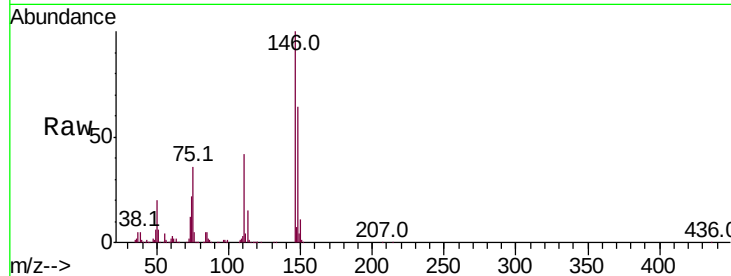
#13
 1,4-Dichlorobenzene
 Concen: 42.309 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
111	42.3	31.8	47.8

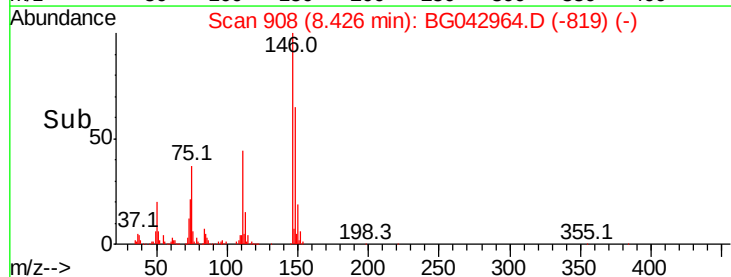
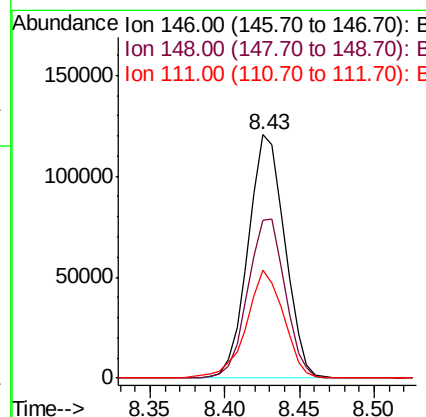
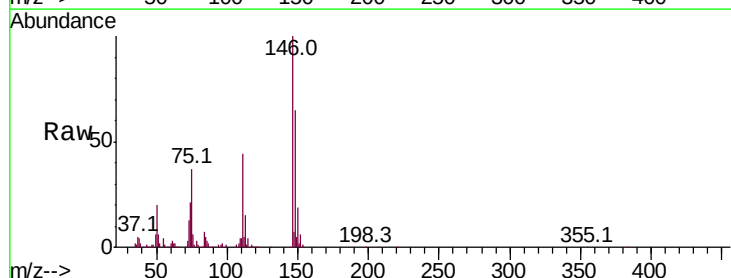
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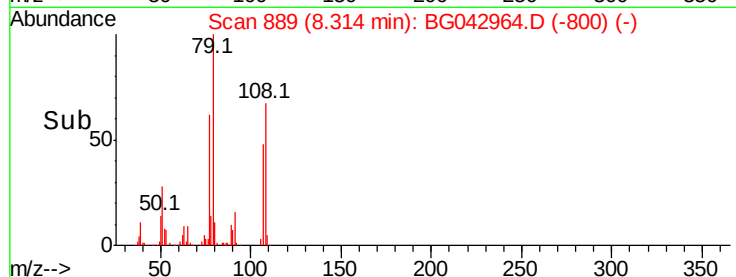
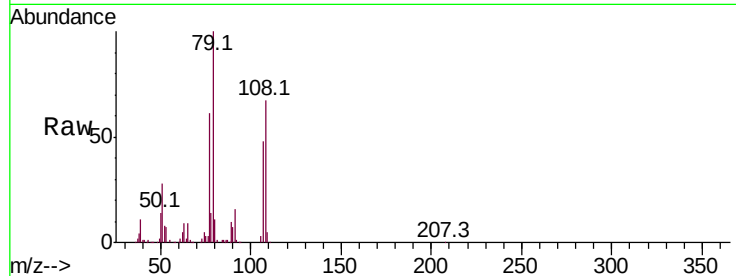
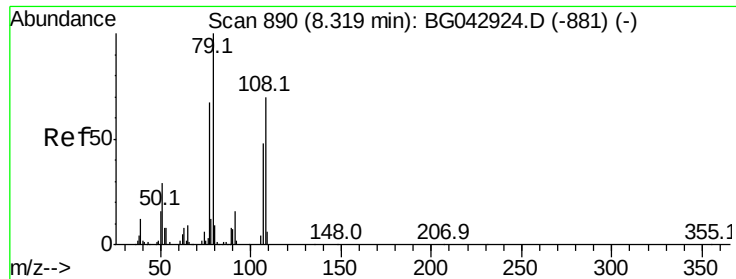
mohammad
 10/2/2019 8:33:30 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.565 ng
 RT: 8.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	53.4	80.2
111	44.1	38.5	57.7





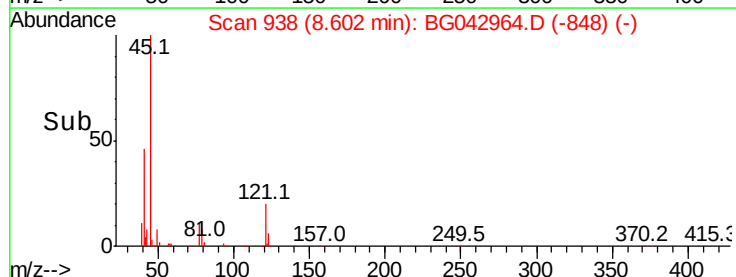
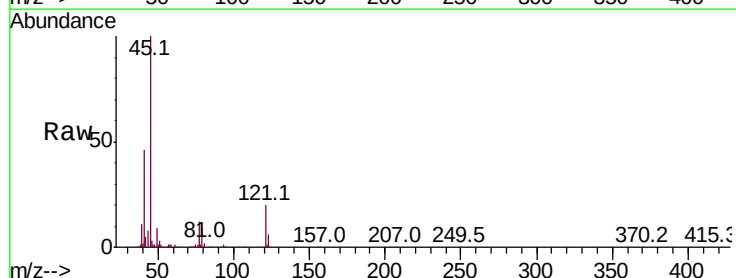
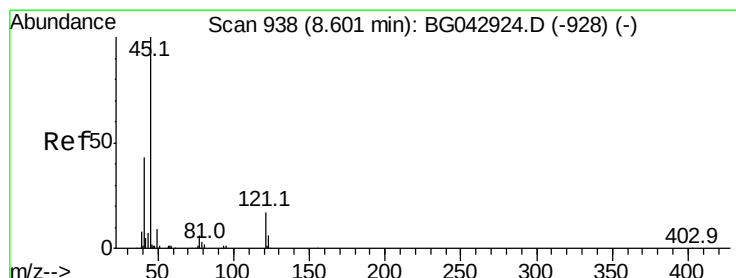
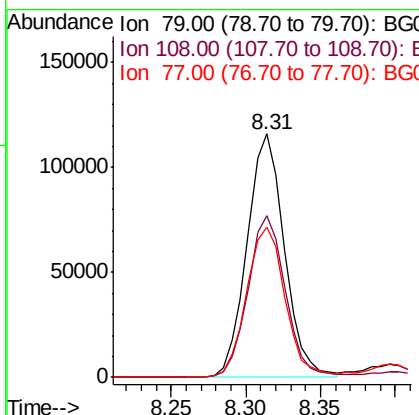
#15
Benzyl Alcohol
Concen: 47.418 ng
RT: 8.31 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.5	55.7	83.5
77	61.5	53.3	79.9

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

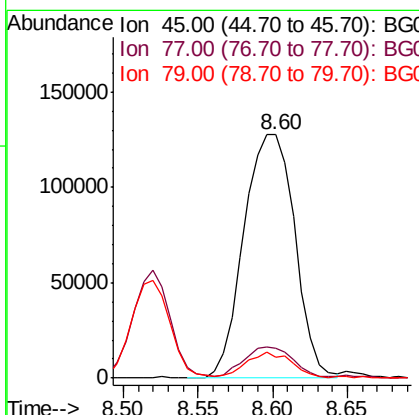
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APPROVED

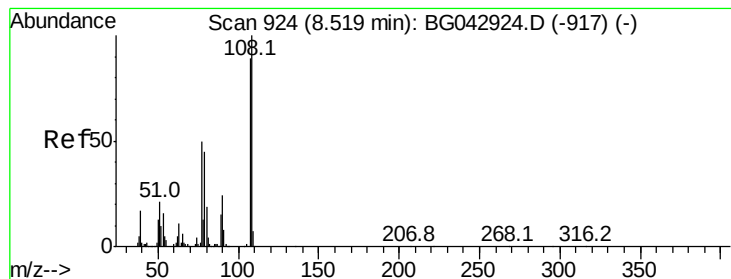
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.122 ng
RT: 8.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	32.8
79	8.8	0.0	29.4





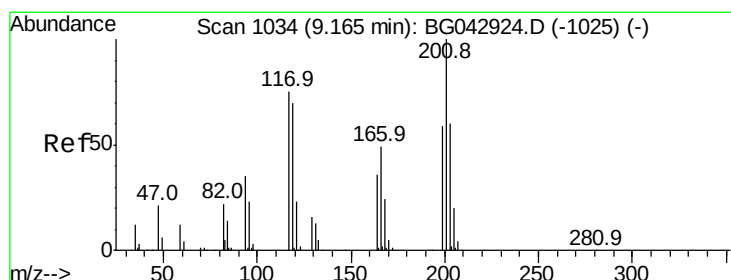
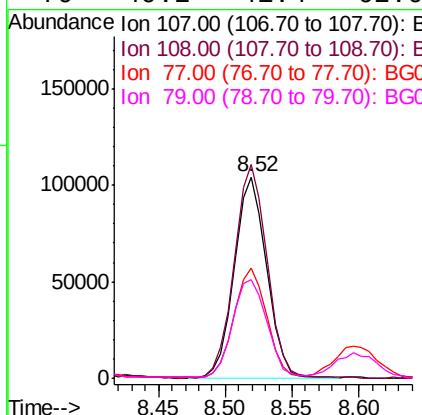
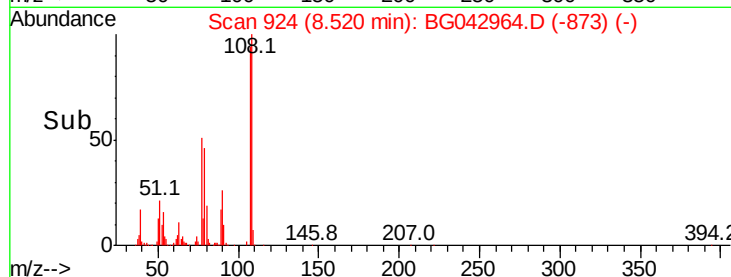
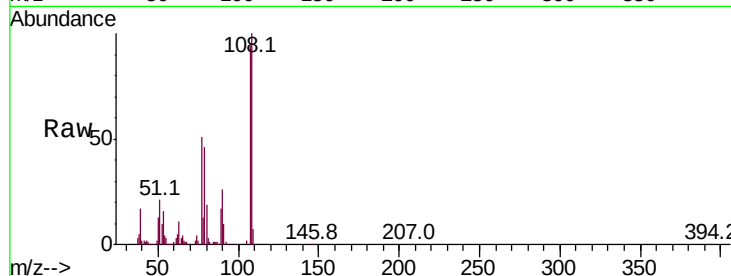
#17
2-Methylphenol
Concen: 48.647 ng
RT: 8.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.3	89.9	134.9	
77	54.6	45.4	68.2	
79	49.2	41.4	62.0	

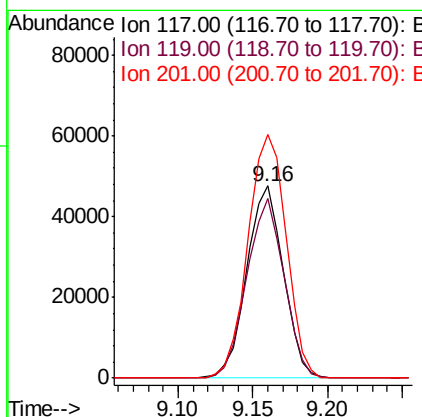
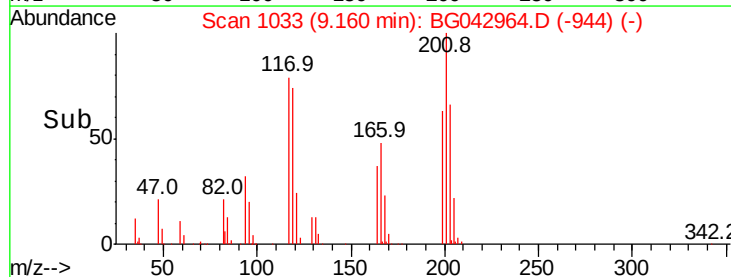
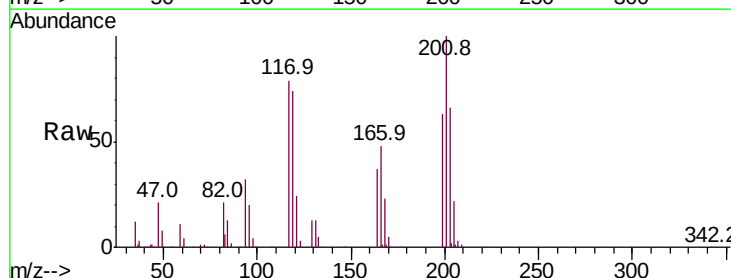
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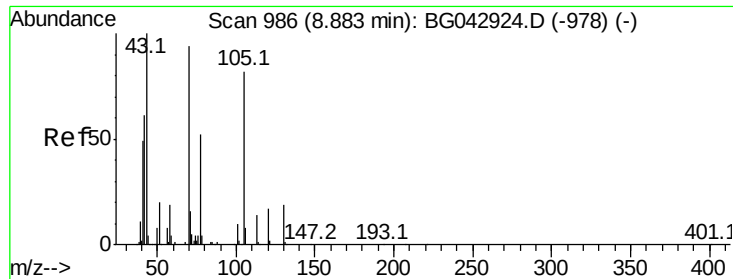
mohammad
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#18
Hexachloroethane
Concen: 41.362 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	74.6	111.8	
201	126.7	106.0	159.0	





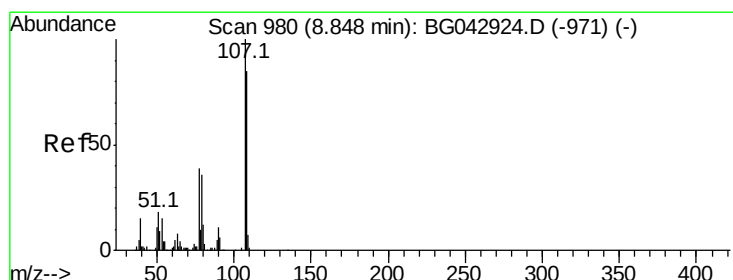
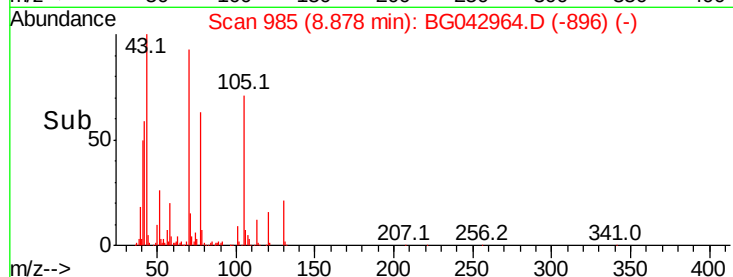
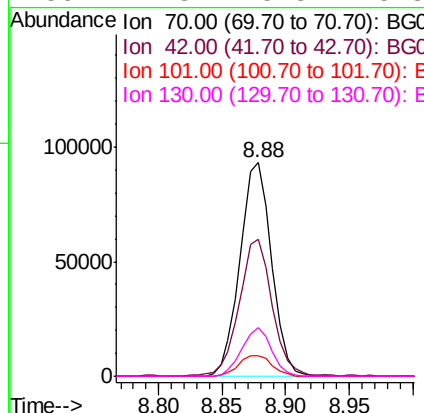
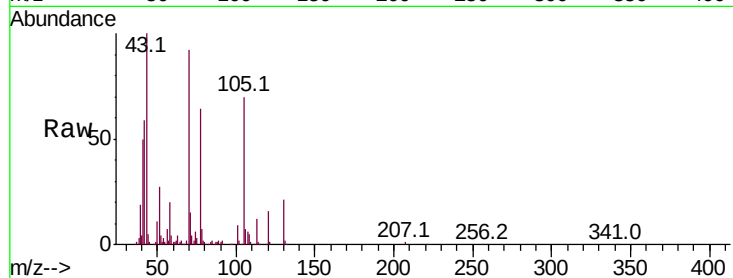
#19
n-Nitroso-di-n-propylamine
Concen: 43.586 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		161008		
42	64.2	52.6	79.0		
101	9.3	8.7	13.1		
130	22.8	15.8	23.8		

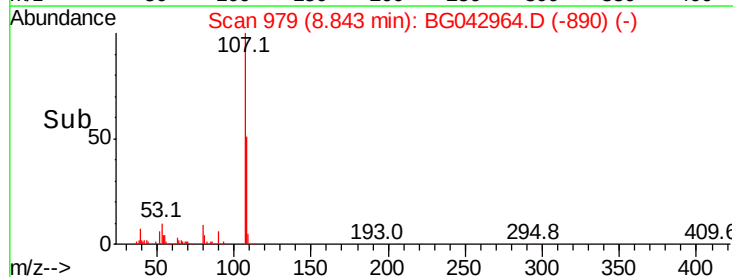
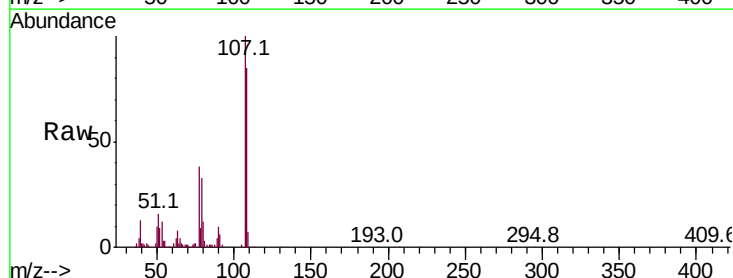
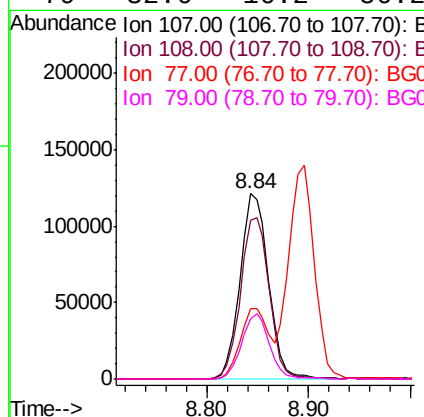
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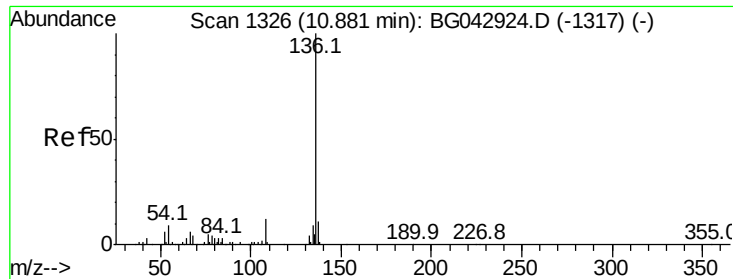
mohammad
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#20
3+4-Methylphenols
Concen: 47.725 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		236205		
108	85.4	64.9	104.9		
77	38.1	19.4	59.4		
79	32.6	16.2	56.2		





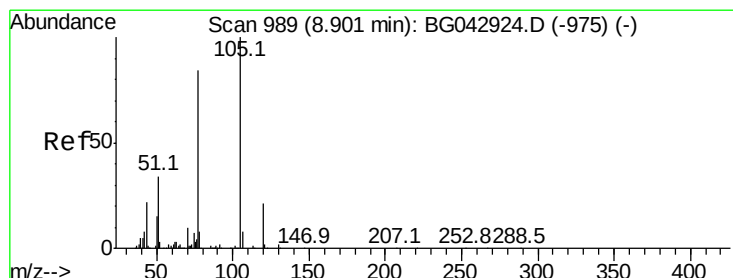
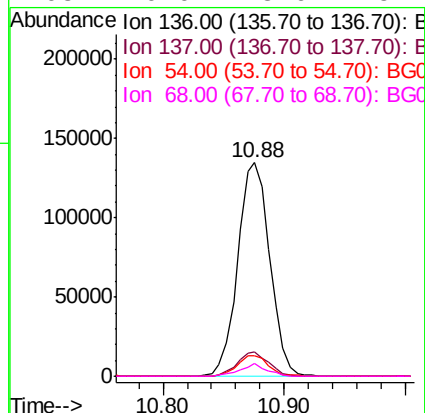
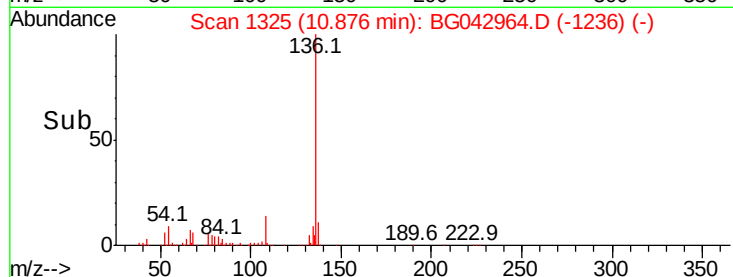
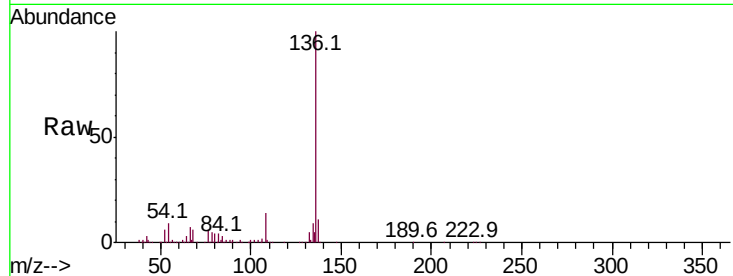
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.4	7.4	11.2
68	6.0	3.6	5.4#

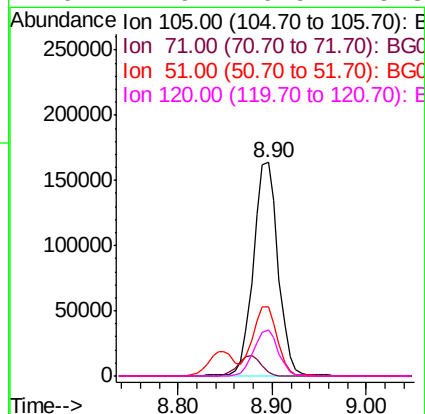
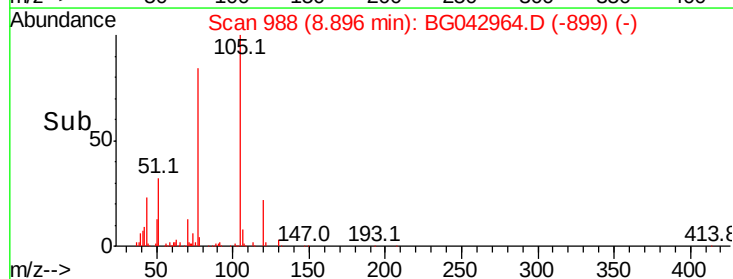
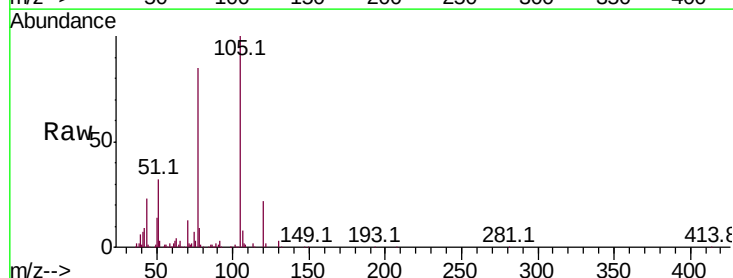
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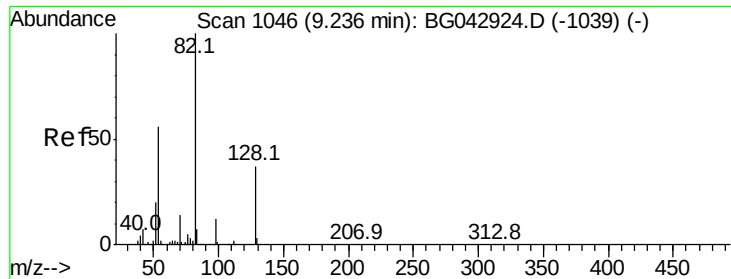
mohammad
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#22
Acetophenone
Concen: 46.779 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.0	1.2	1.8#
51	32.1	27.2	40.8
120	21.6	16.9	25.3





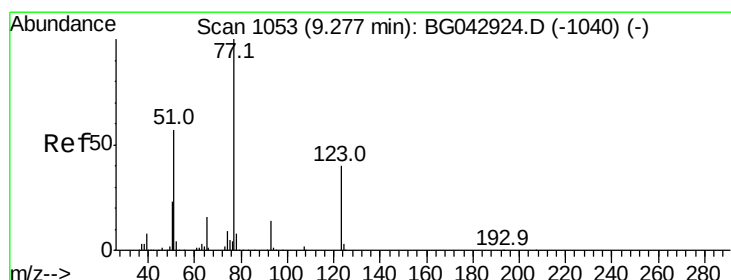
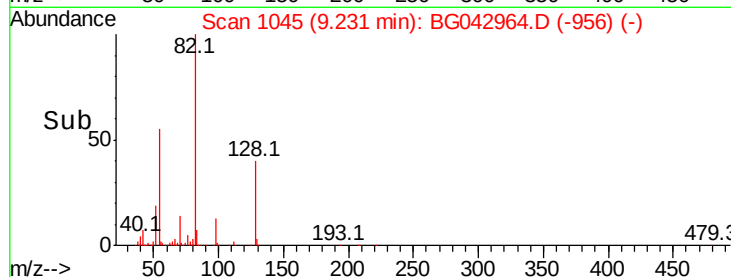
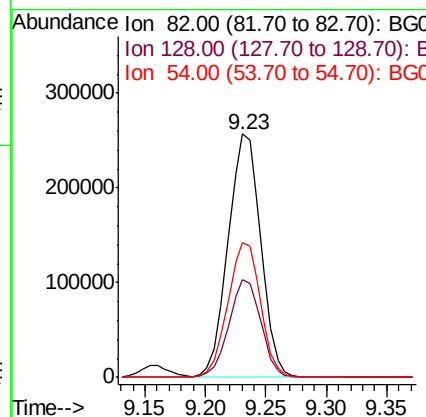
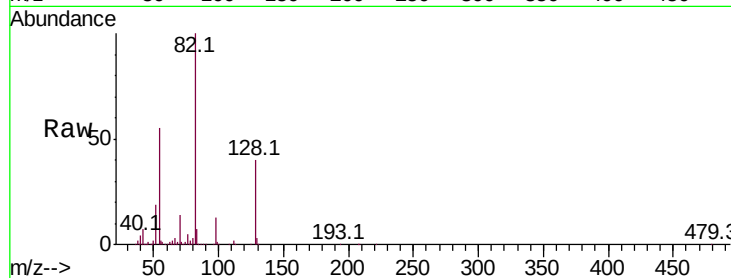
#23
 Nitrobenzene-d5
 Concen: 94.311 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	29.5	44.3
54	55.1	44.6	67.0

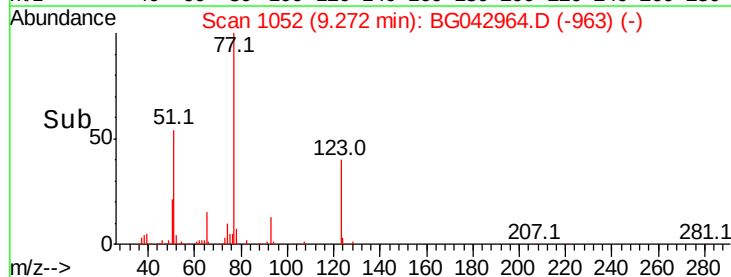
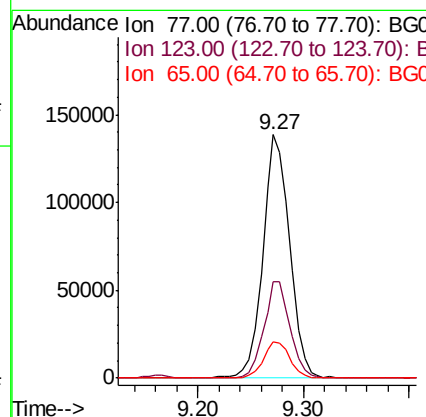
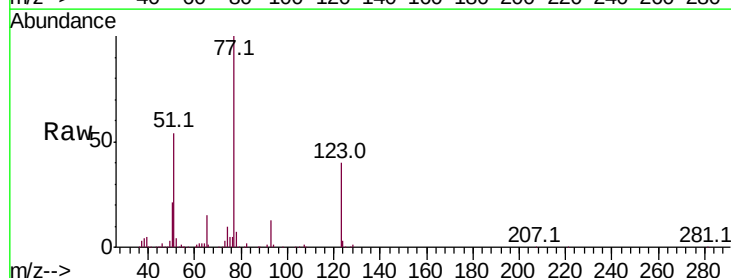
Manual Integrations
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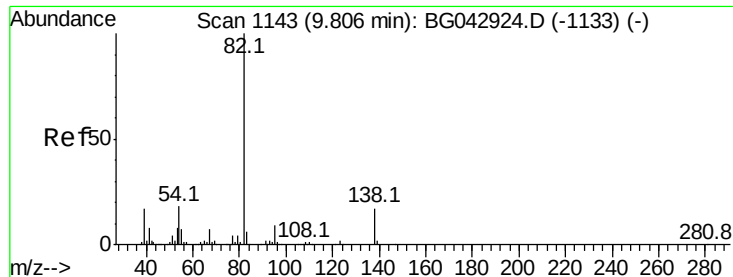
mohammad
 10/2/2019 8:33:30 AM



#24
 Nitrobenzene
 Concen: 50.100 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.6	31.9	47.9
65	15.1	12.4	18.6





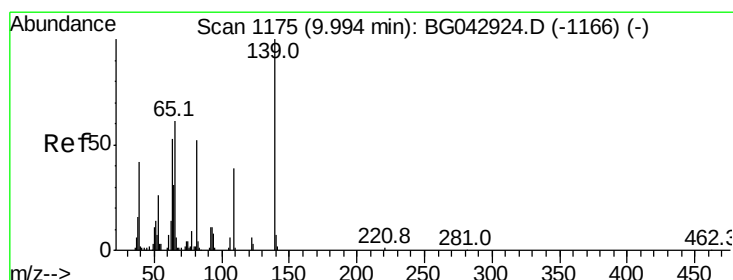
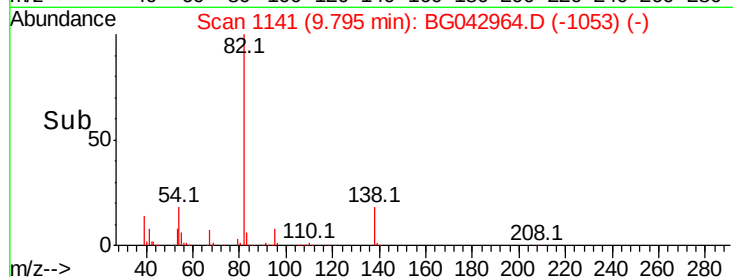
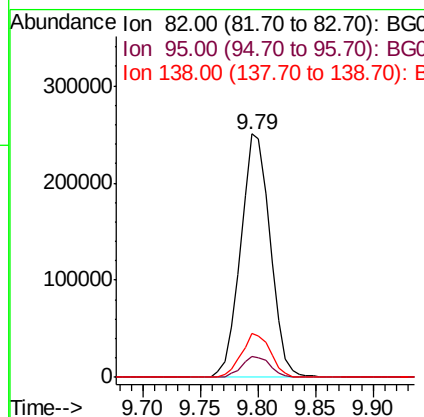
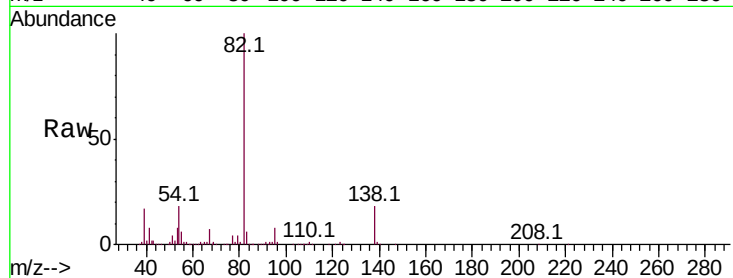
#25
Isophorone
Concen: 49.683 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	7.0	10.4	
138	18.0	13.8	20.6	

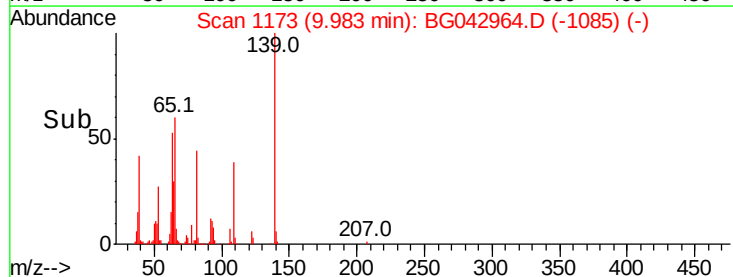
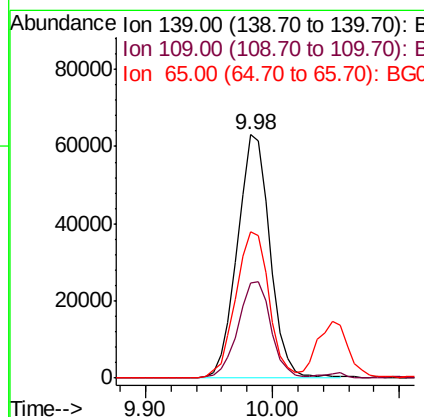
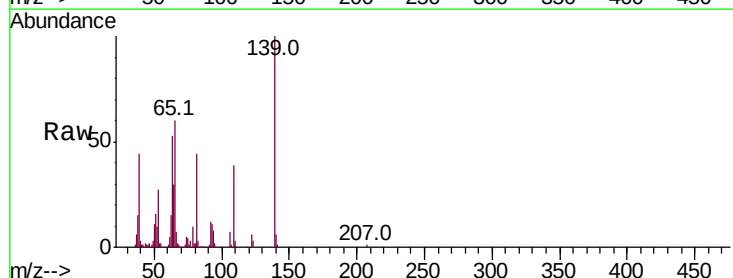
Manual Integrations
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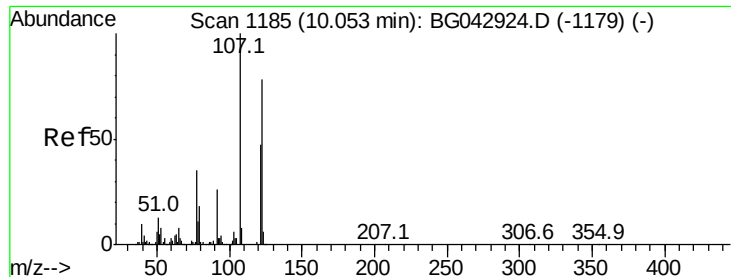
mohammad
10/2/2019 8:33:30 AM



#26
2-Nitrophenol
Concen: 54.311 ng
RT: 9.98 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	39.1	31.0	46.6	
65	60.3	48.4	72.6	





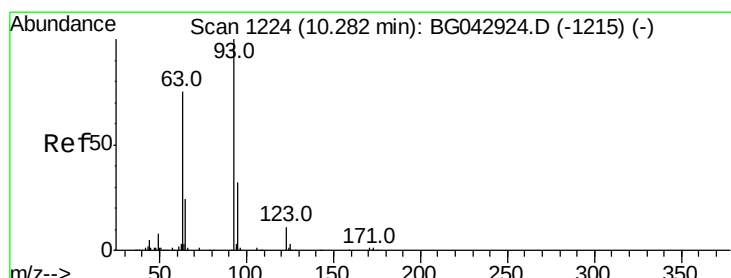
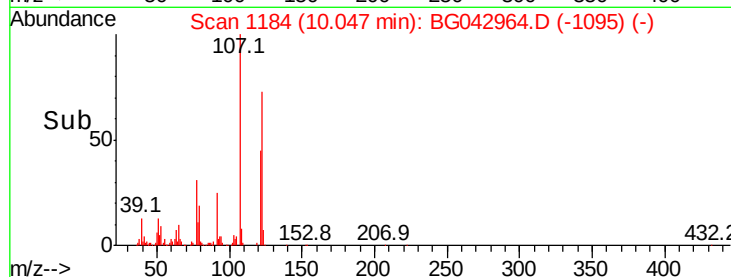
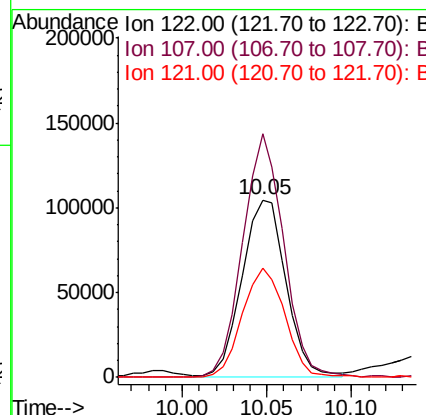
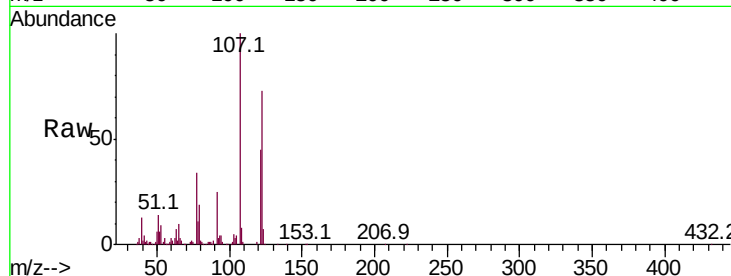
#27
2,4-Dimethylphenol
Concen: 59.057 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	137.1	102.2	153.2
121	61.8	48.5	72.7

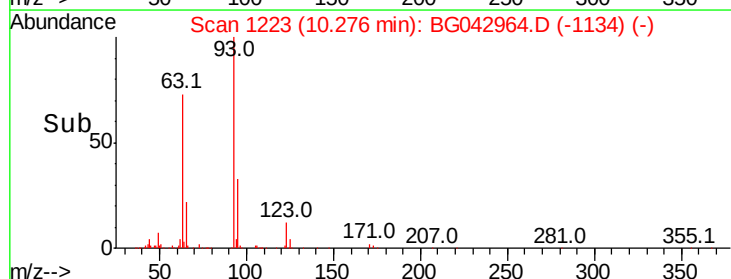
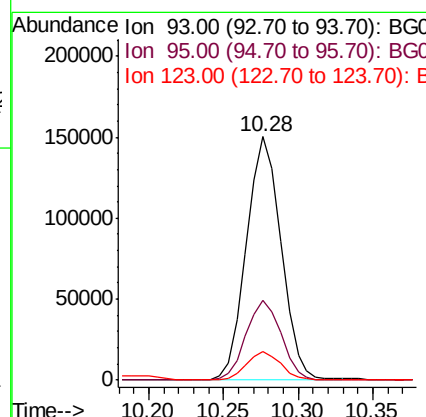
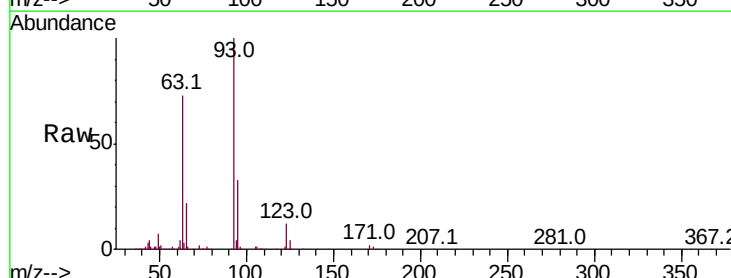
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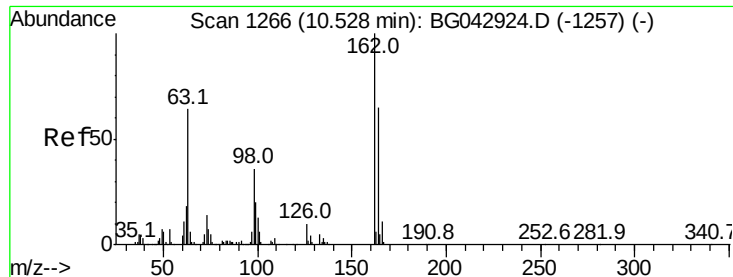
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.476 ng
RT: 10.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.4	38.0
123	11.7	9.3	13.9





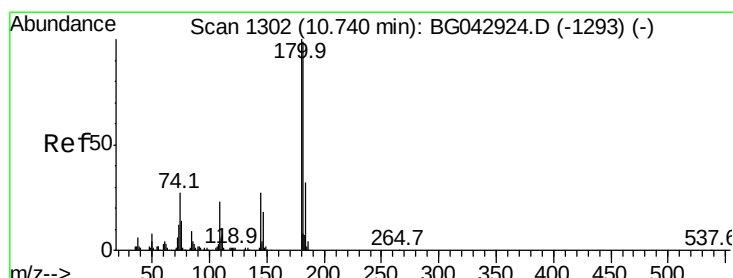
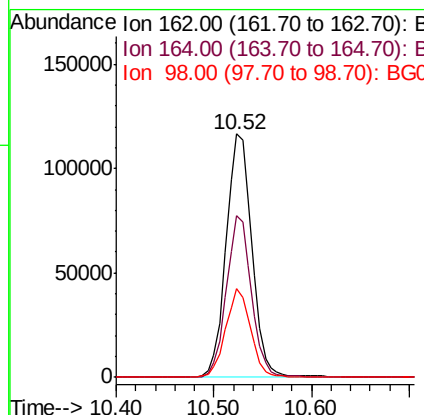
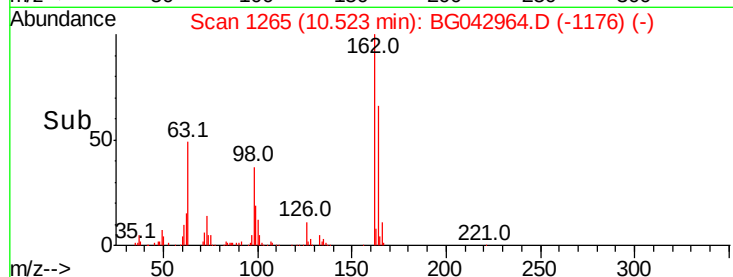
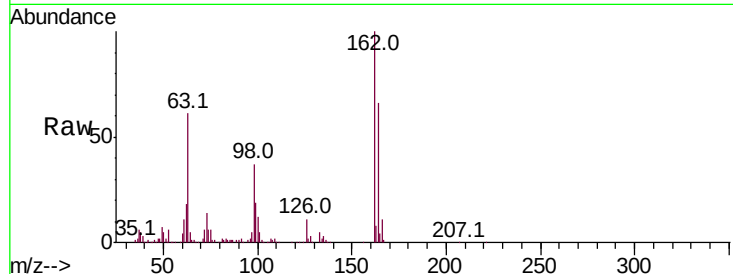
#29
2,4-Dichlorophenol
Concen: 53.949 ng
RT: 10.52 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.2	44.7	84.7
98	36.7	16.0	56.0

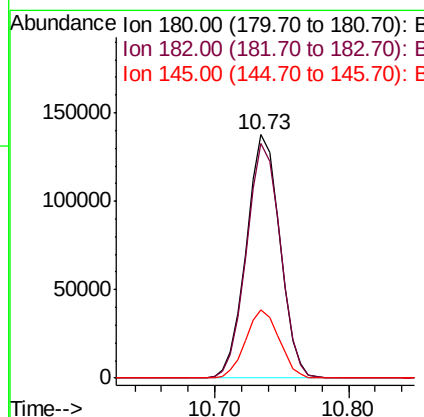
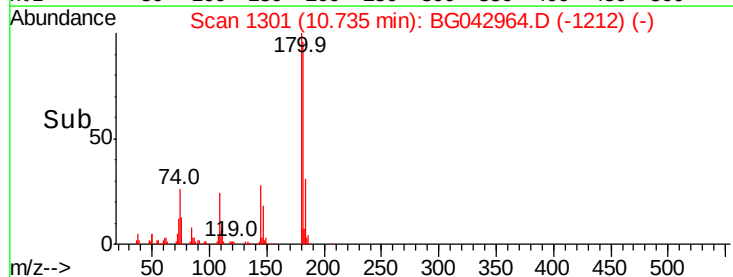
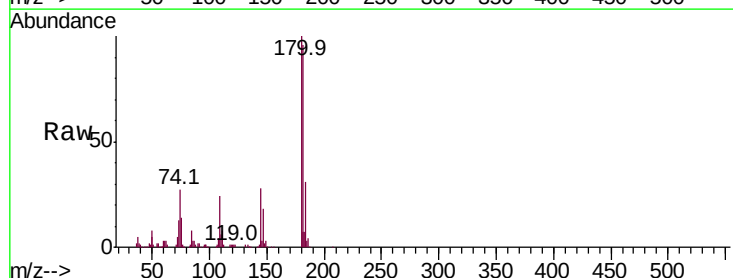
Manual Integrations
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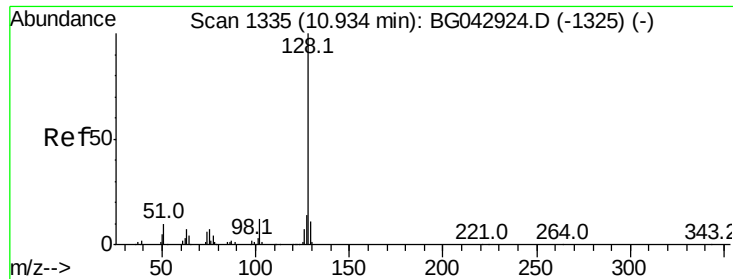
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.857 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	79.3	118.9
145	28.3	22.0	33.0





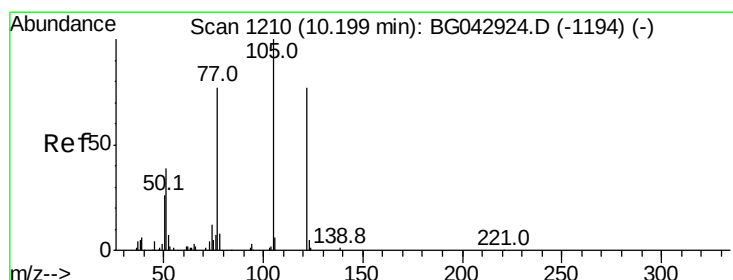
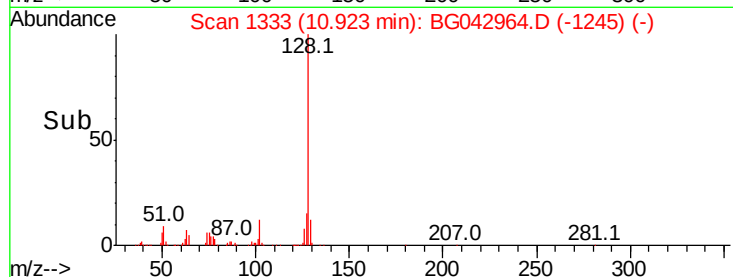
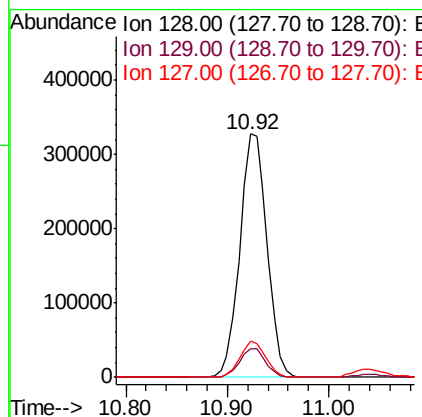
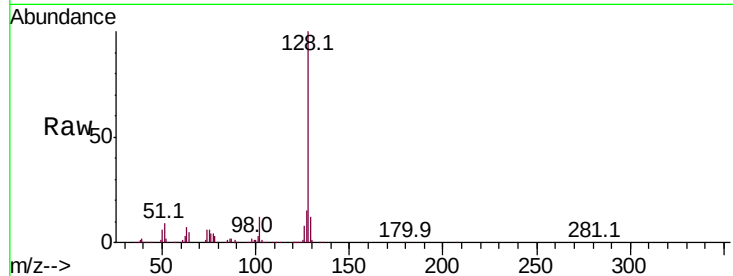
#31
Naphthalene
Concen: 49.692 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	606877		
129	11.6		8.8	13.2
127	14.7		11.3	16.9

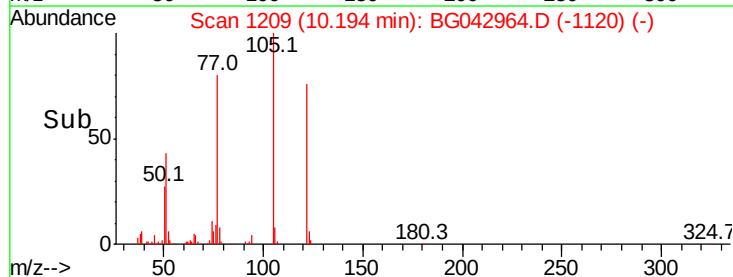
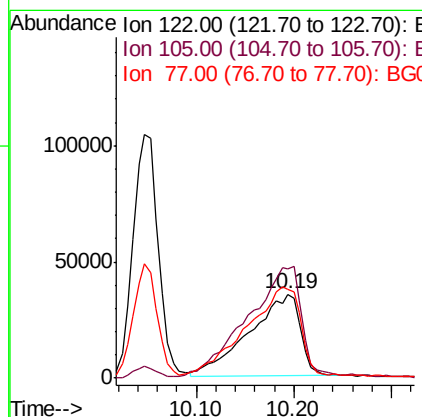
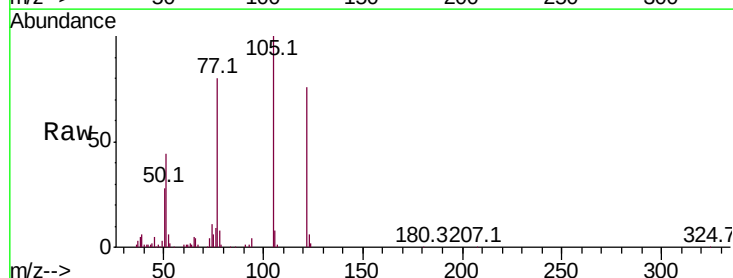
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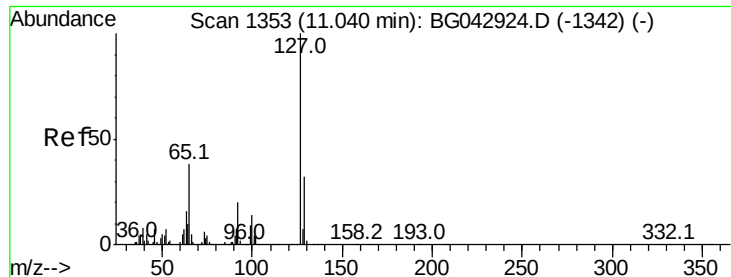
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#32
Benzoic acid
Concen: 51.349 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	129080		
105	130.9		107.5	147.5
77	105.1		79.8	119.8





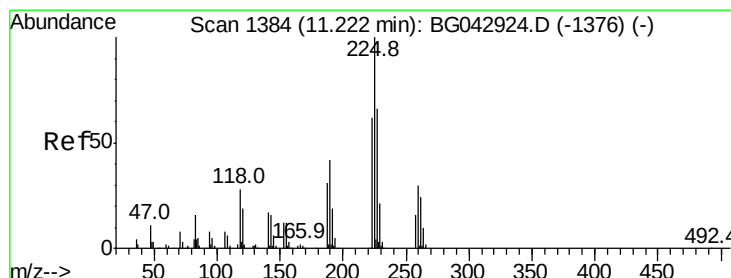
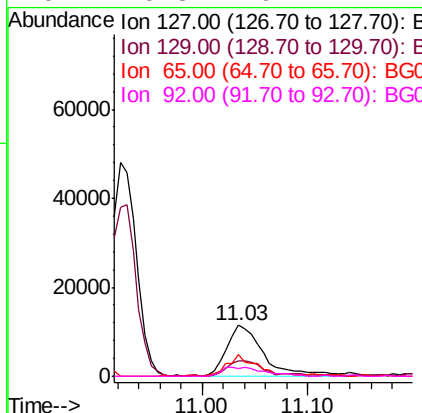
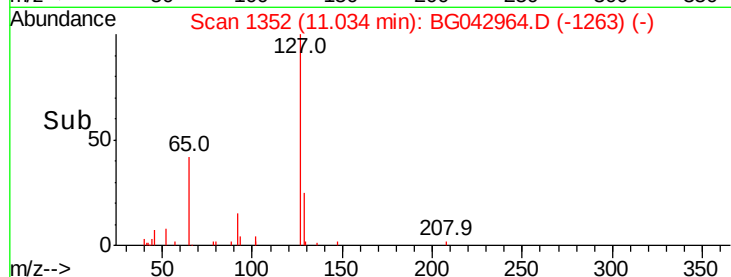
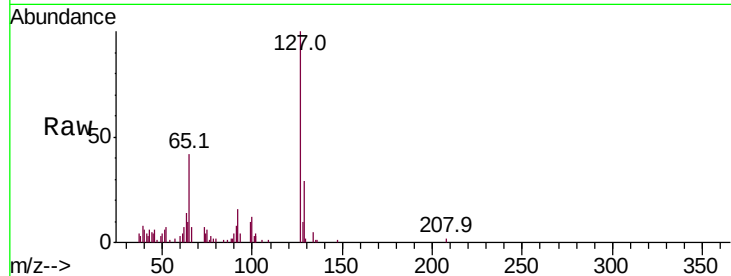
#33
4-Chloroaniline
Concen: 5.233 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.4	26.2	39.2		
65	42.3	30.6	45.8		
92	16.3	16.2	24.4		

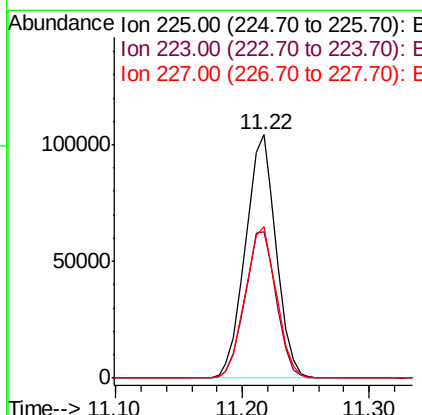
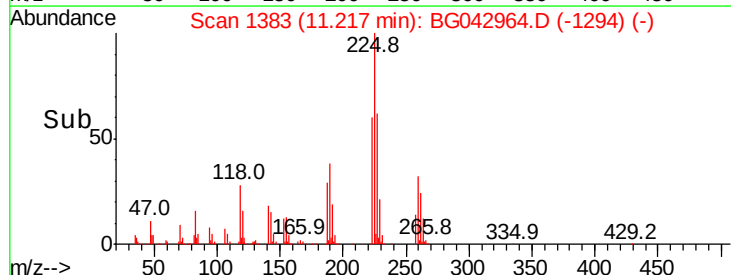
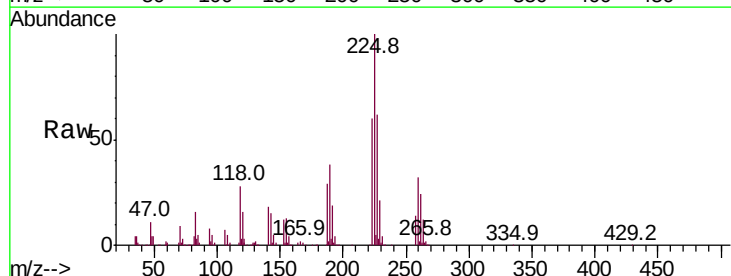
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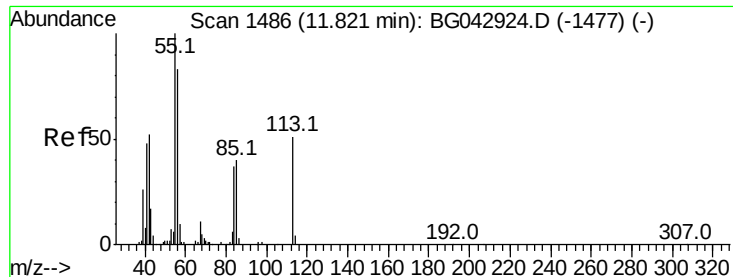
mohammad
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#34
Hexachlorobutadiene
Concen: 45.668 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.1	49.3	73.9		
227	62.3	52.8	79.2		





#35

Caprolactam

Concen: 49.540 ng/mL

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

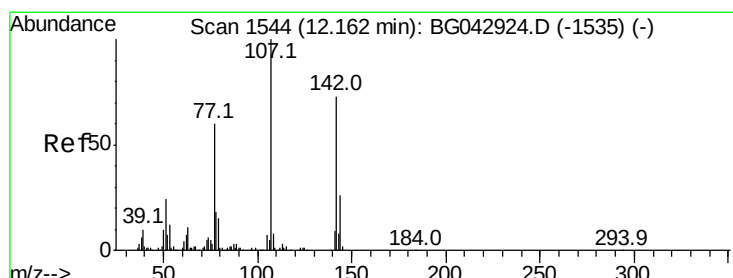
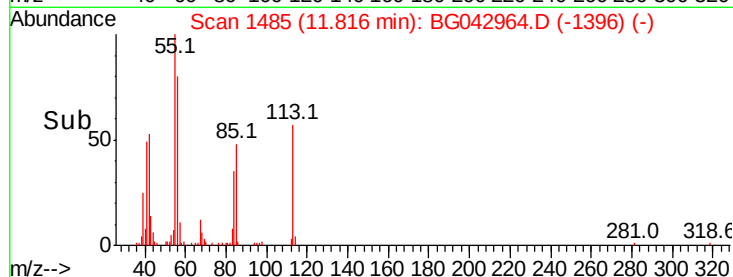
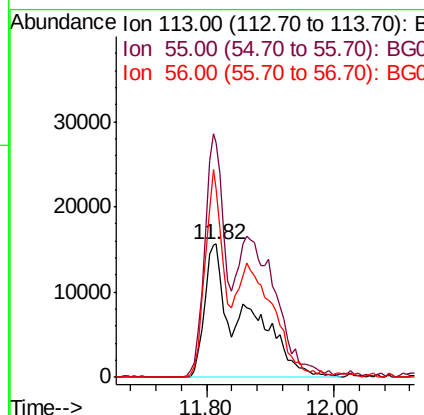
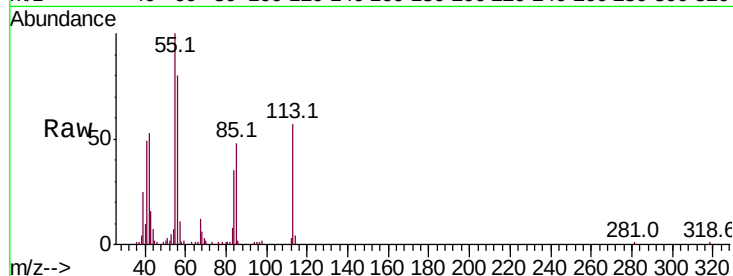
ClientSampleId :

BU-02-092419MSD

Tot Ion:	113	Resp:	69158
Ion Ratio	Lower	Upper	
113	100		
55	176.6	175.5	215.5
56	141.4	142.3	182.3#

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#36

4-Chloro-3-methylphenol

Concen: 54.241 ng/mL

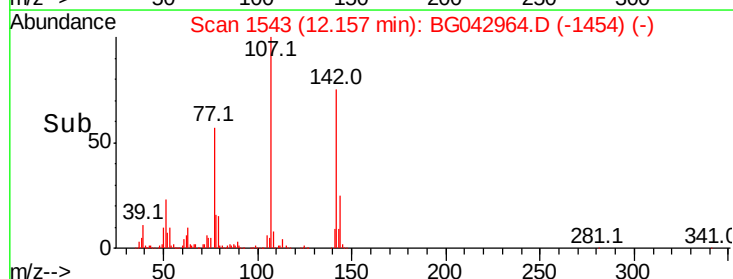
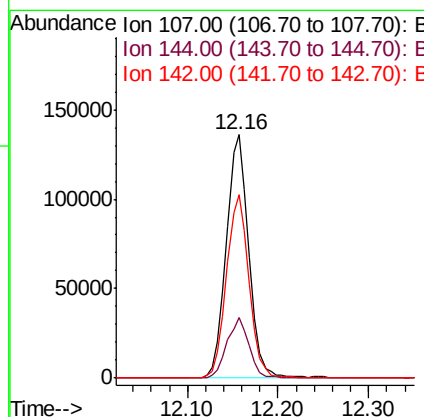
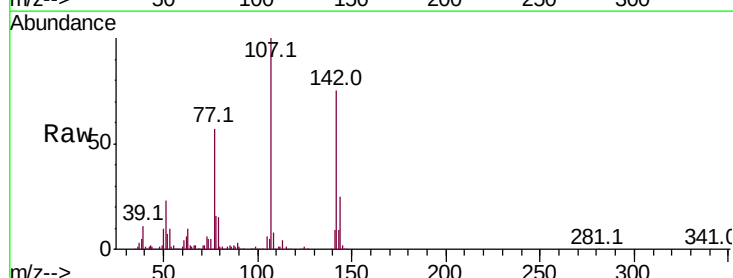
RT: 12.16 min Scan# 1543

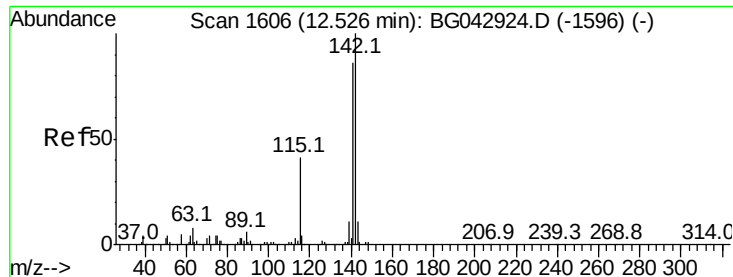
Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion:	107	Resp:	233460
Ion Ratio	Lower	Upper	
107	100		
144	25.0	20.7	31.1
142	75.3	58.6	87.8





#37

2-Methylnaphthalene

Concen: 49.378 ng

RT: 12.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

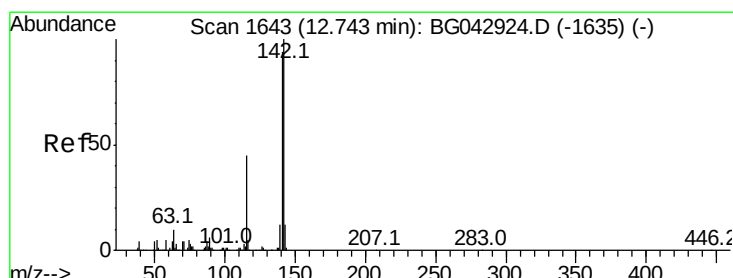
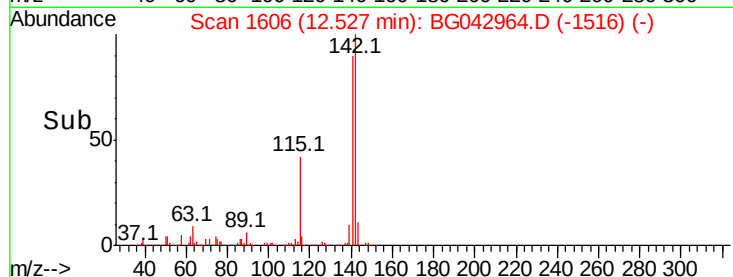
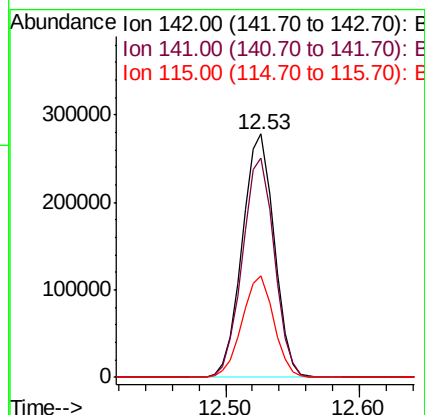
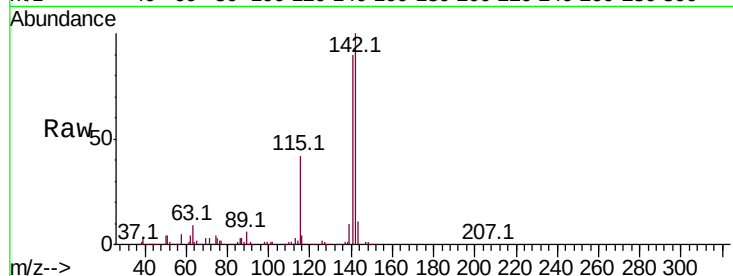
ClientSampleId :

BU-02-092419MSD

Tot Ion:	142	Resp:	460046
Ion Ratio	Lower	Upper	
142	100		
141	90.2	69.0	103.4
115	41.8	32.8	49.2

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#38

1-Methylnaphthalene

Concen: 48.742 ng

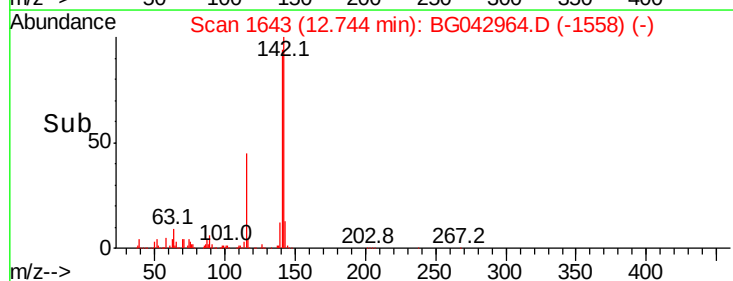
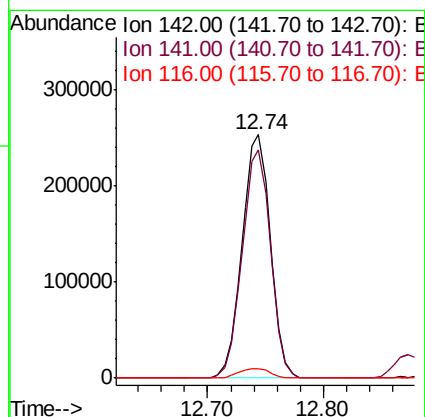
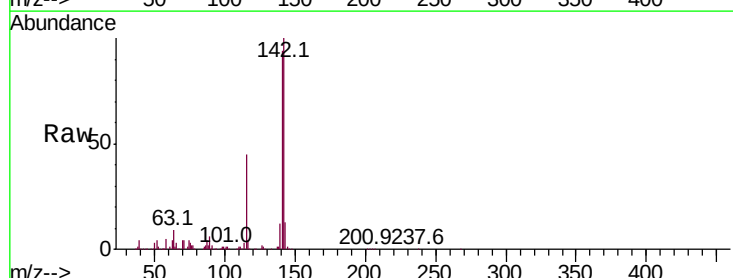
RT: 12.74 min Scan# 1643

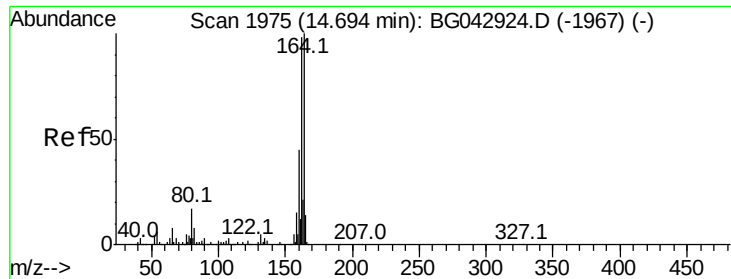
Delta R.T. 0.00 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion:	142	Resp:	429702
Ion Ratio	Lower	Upper	
142	100		
141	93.7	74.9	112.3
116	4.1	3.7	5.5





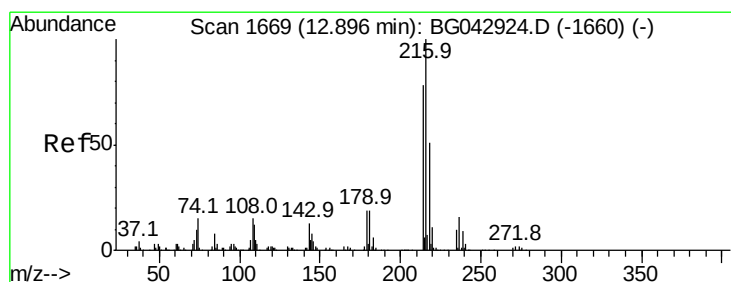
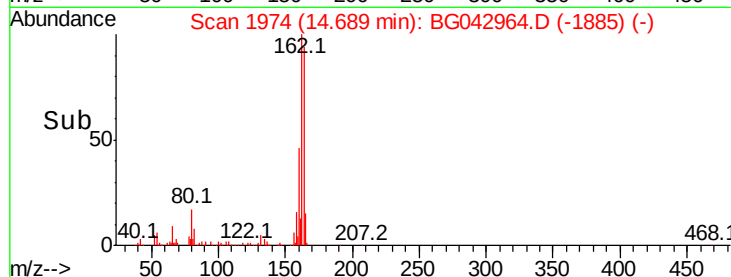
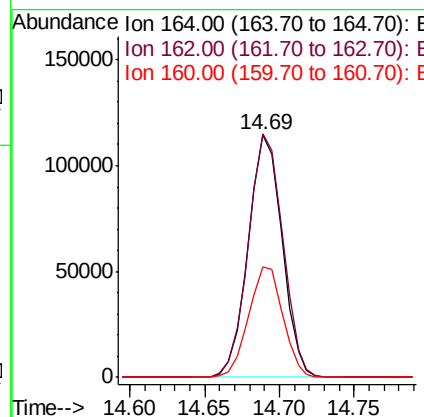
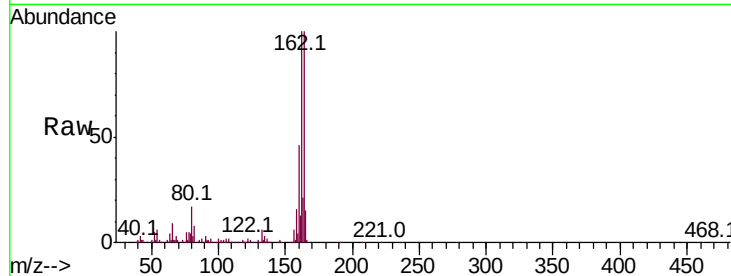
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.5	117.7
160	45.8	35.9	53.9

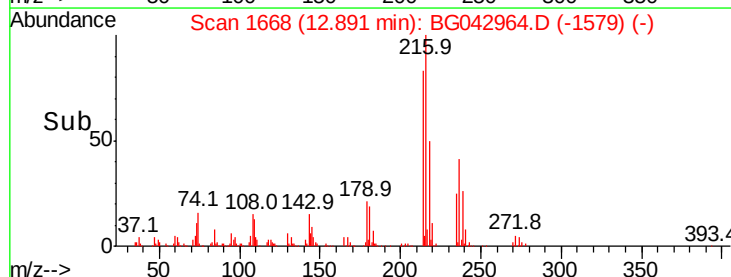
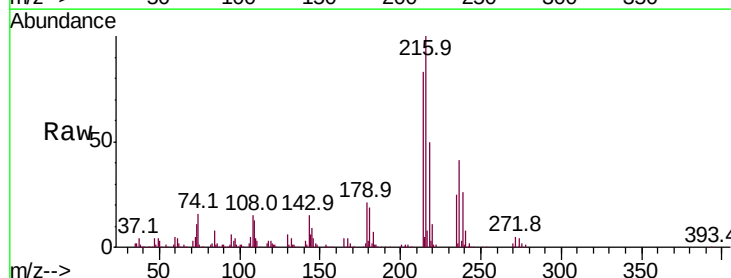
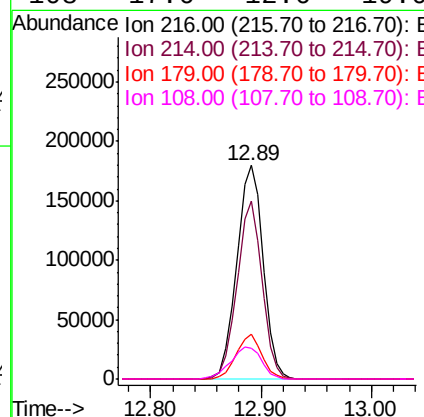
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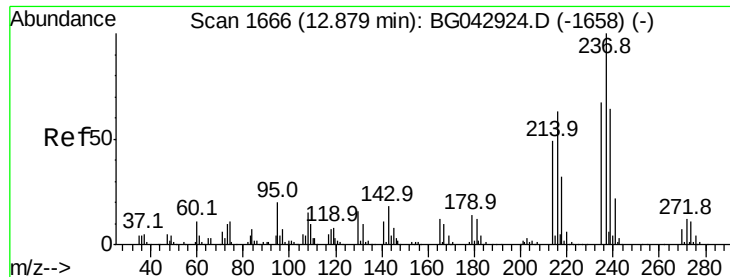
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.706 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.4	93.6
179	20.0	15.4	23.2
108	17.6	12.6	19.0





#41

Hexachlorocyclopentadiene

Concen: 95.236 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

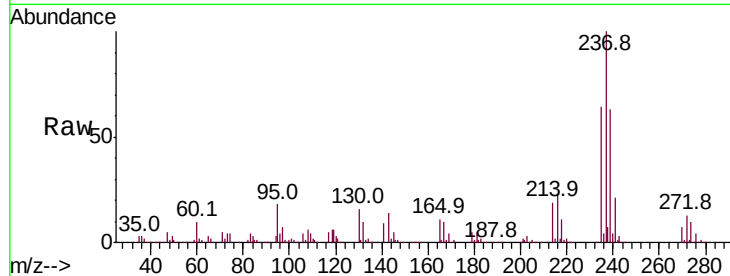
ClientSampleId :

BU-02-092419MSD

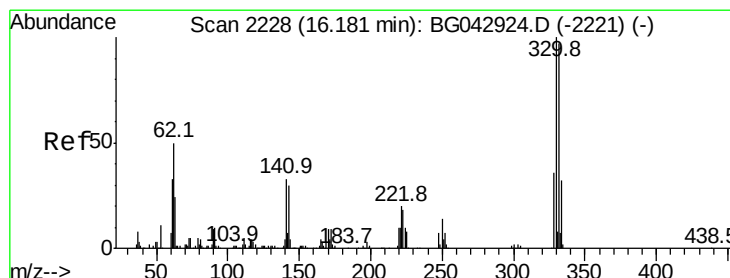
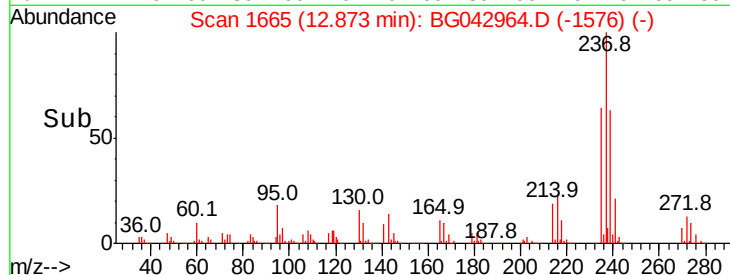
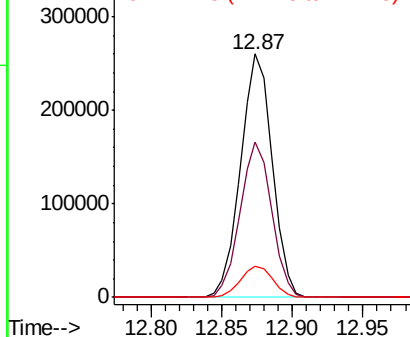
Tot Ion:	237	Resp:	408315
Ion Ratio	Lower	Upper	
237	100		
235	63.8	46.7	86.7
272	12.8	0.0	32.3

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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: 142.984 ng

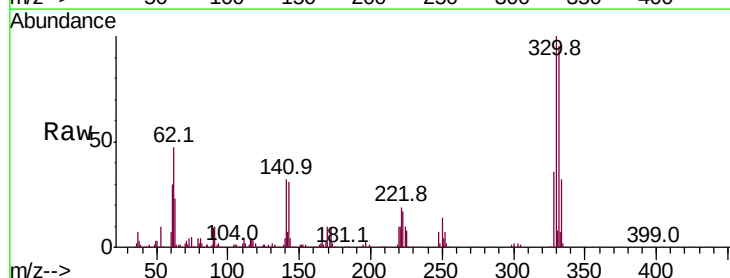
RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

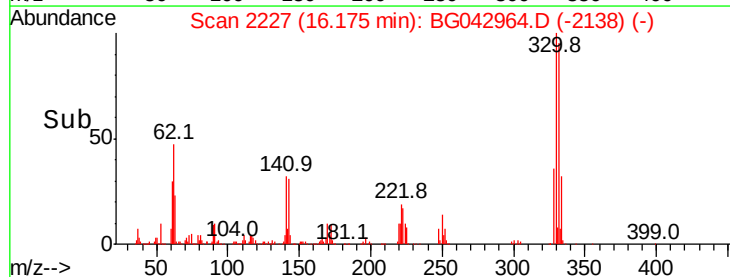
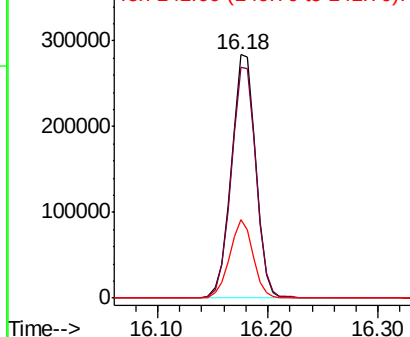
Lab File: BG042964.D

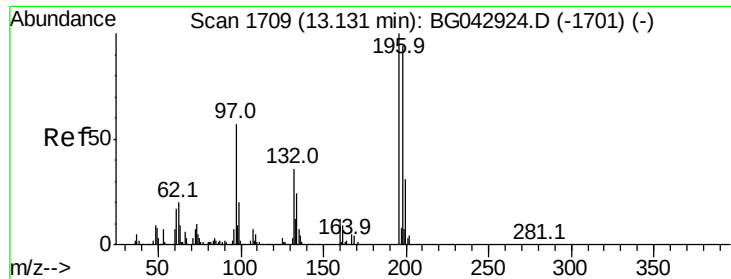
Acq: 1 Oct 2019 5:46

Tgt Ion:	330	Resp:	440024
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.2	117.2
141	31.0	26.0	39.0



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





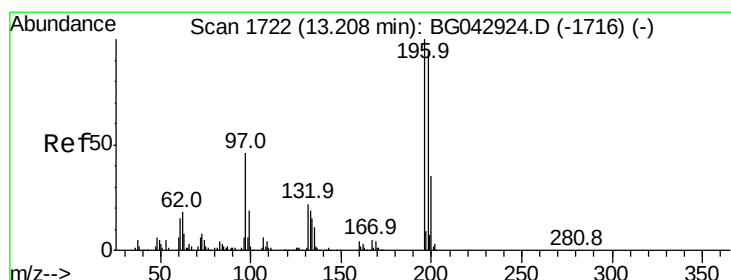
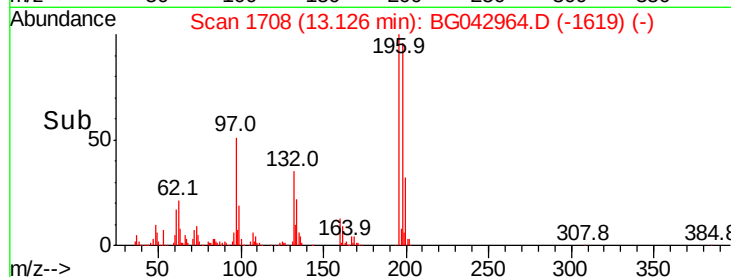
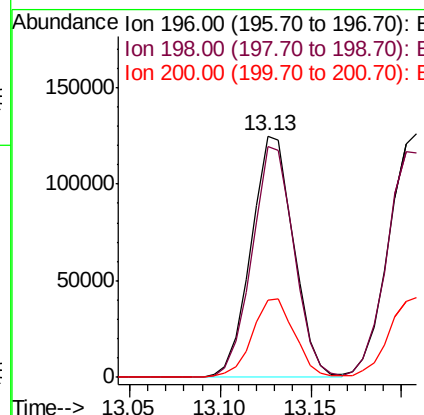
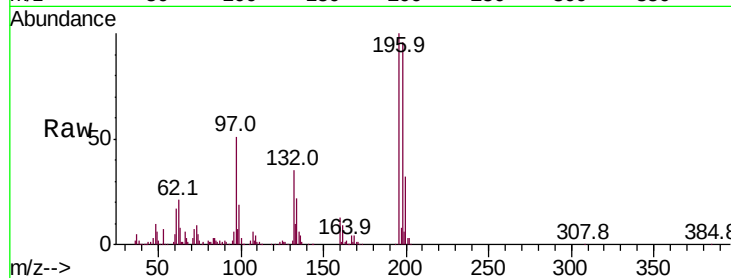
#43
2,4,6-Trichlorophenol
Concen: 51.741 ng
RT: 13.13 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	203781		
198	95.7	75.5	113.3	
200	31.8	24.9	37.3	

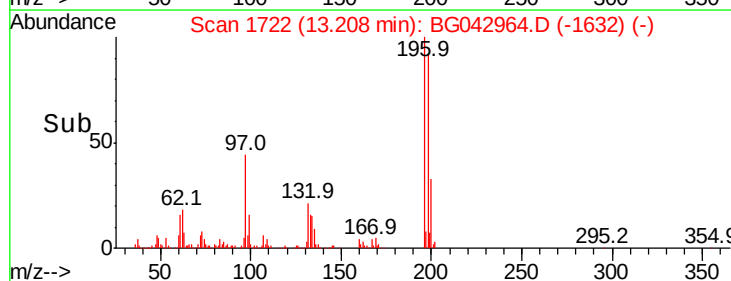
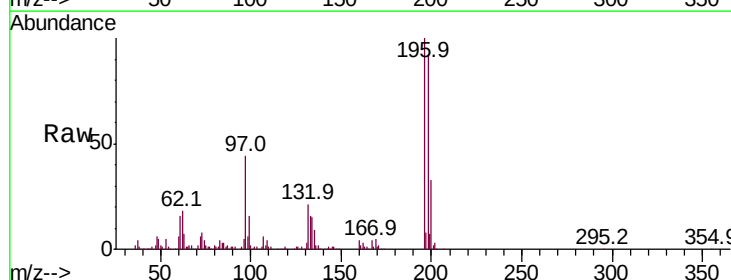
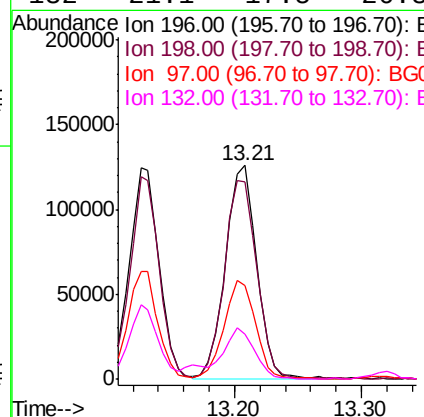
Manual Integrations
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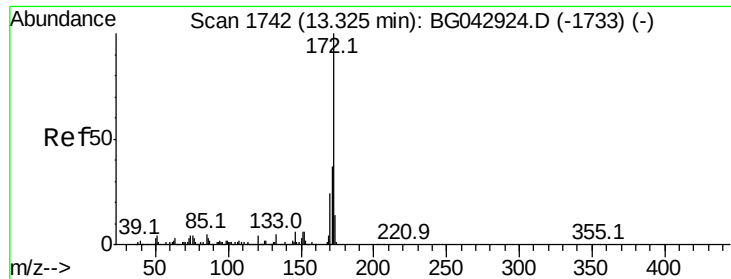
mohammad
10/2/2019 8:33:30 AM



#44
2,4,5-Trichlorophenol
Concen: 52.743 ng
RT: 13.21 min Scan# 1722
Delta R.T. 0.00 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213993		
198	92.4	75.1	112.7	
97	44.0	37.0	55.4	
132	21.1	17.5	26.3	





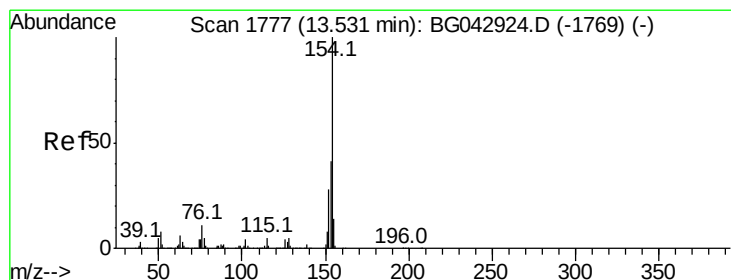
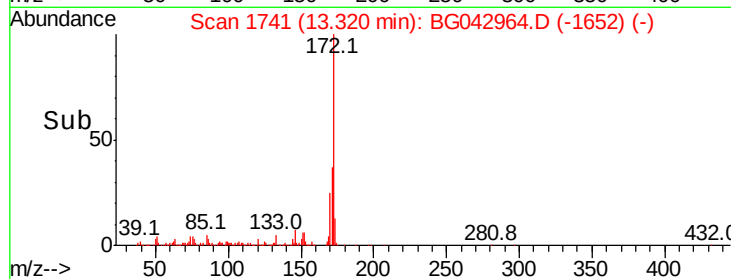
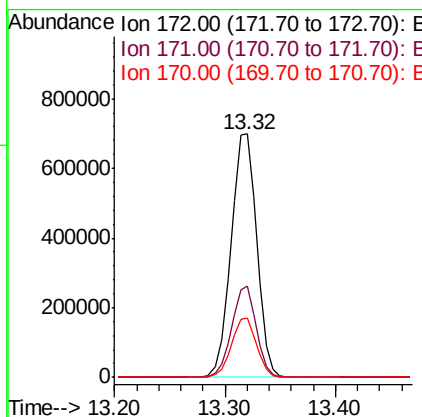
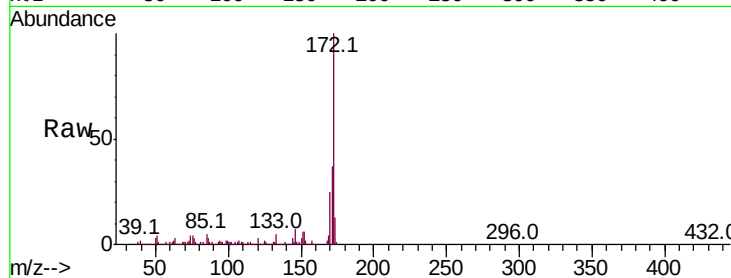
#45
2-Fluorobiphenyl
Concen: 92.736 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	24.5	19.6	29.4

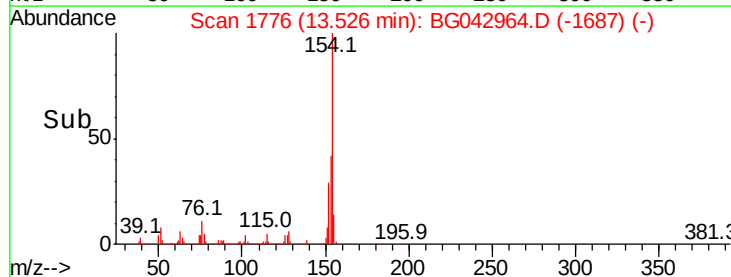
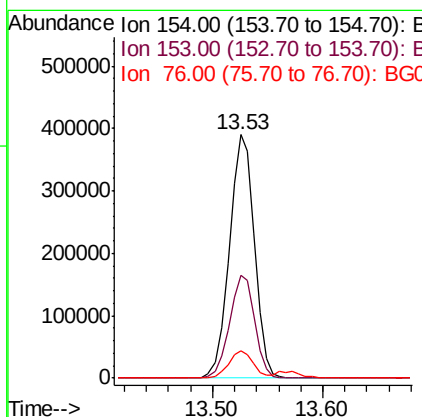
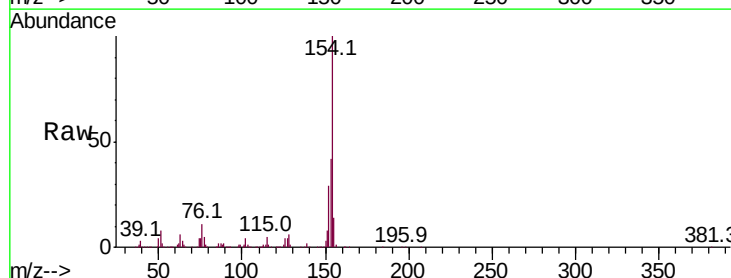
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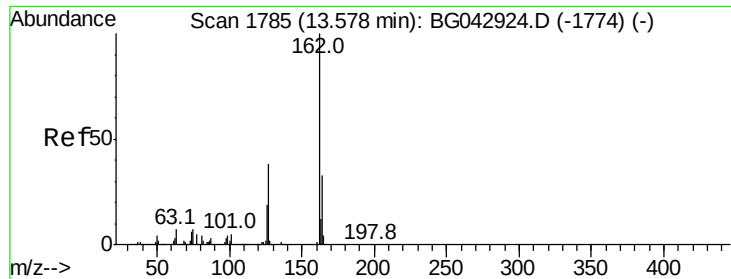
mohammad
10/2/2019 8:33:30 AM



#46
1,1'-Biphenyl
Concen: 45.313 ng
RT: 13.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.4	61.4
76	11.2	0.0	31.3





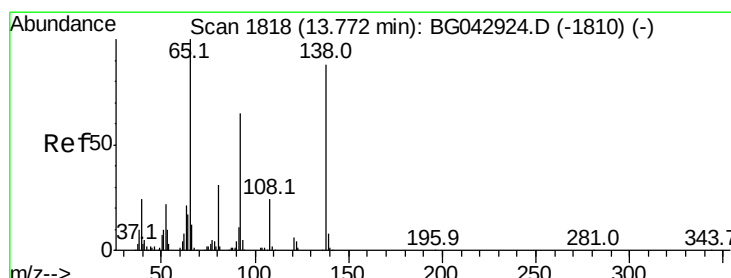
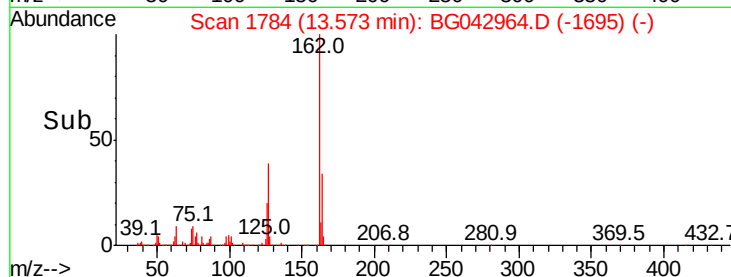
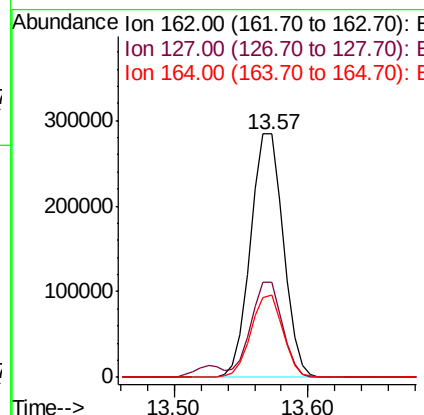
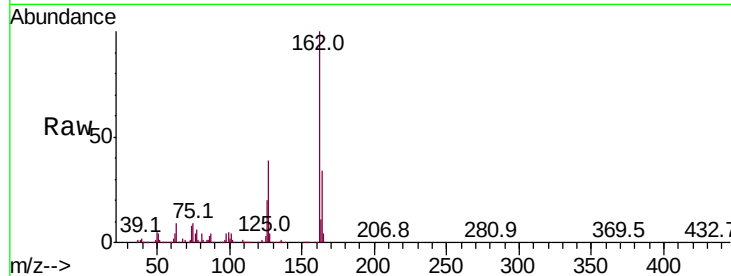
#47
 2-Chloronaphthalene
 Concen: 47.325 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	39.3	31.0	46.6
164	34.0	26.2	39.2

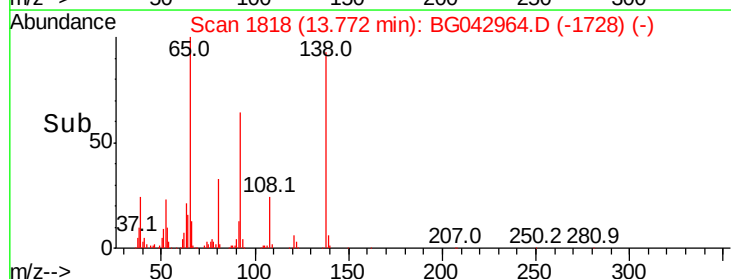
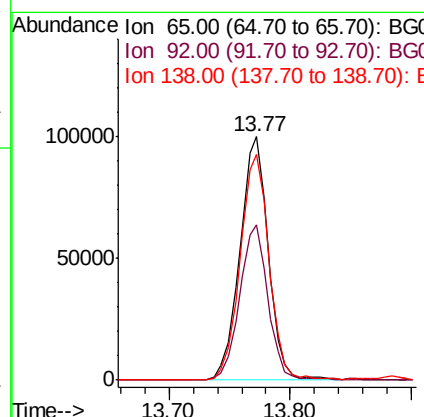
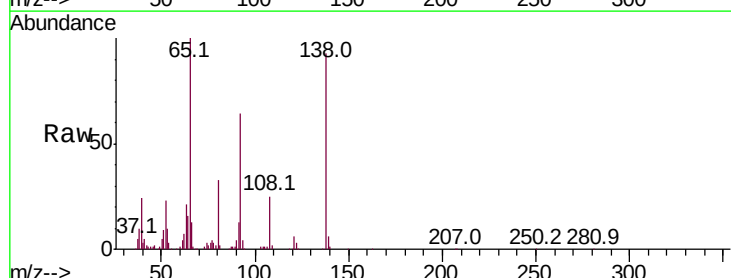
Manual Integrations
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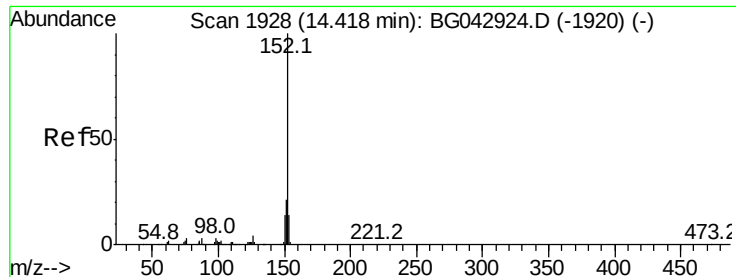
mohammad
 10/2/2019 8:33:30 AM



#48
 2-Nitroaniline
 Concen: 48.343 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	64.0	52.0	78.0
138	92.5	70.4	105.6





#49

Acenaphthylene

Concen: 49.629 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

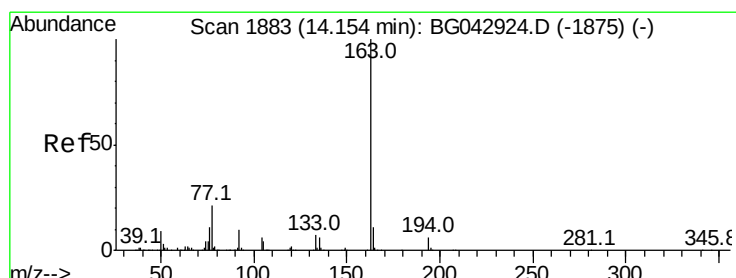
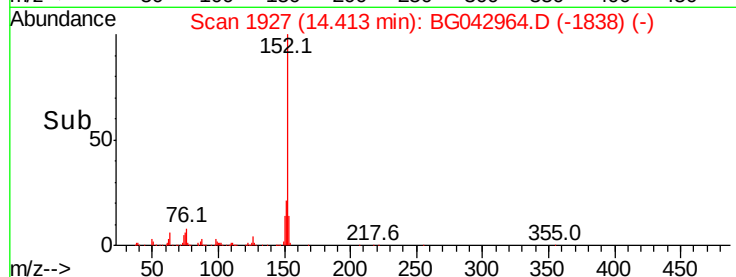
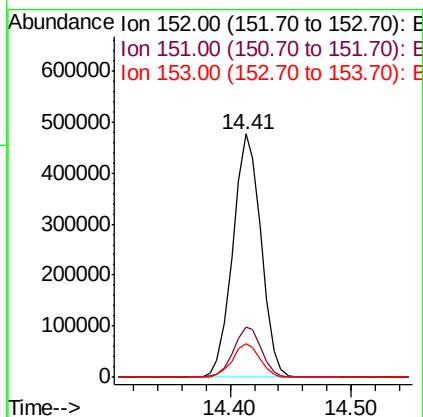
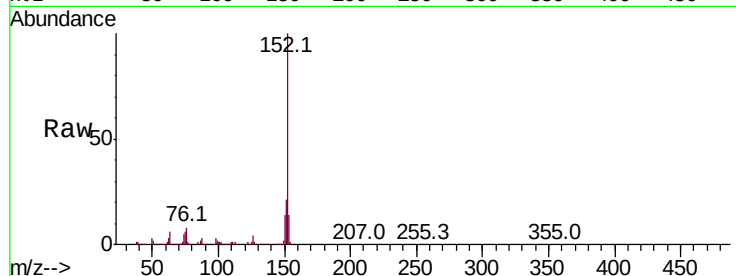
ClientSampleId :

BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.0	11.3	16.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 58.052 ng

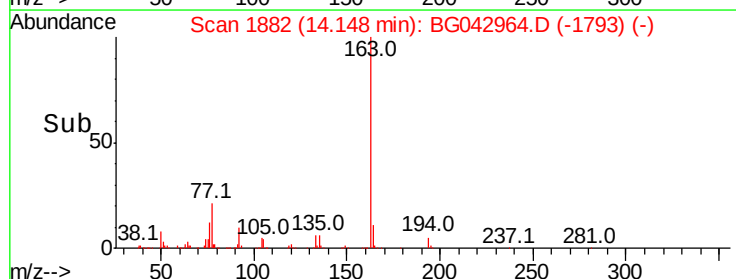
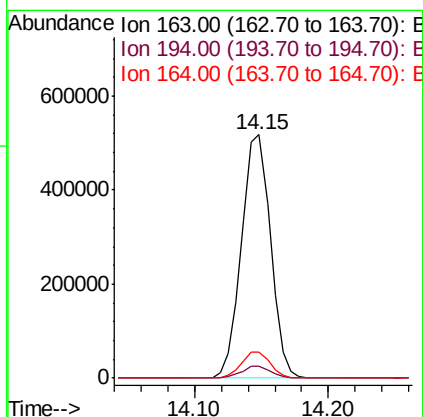
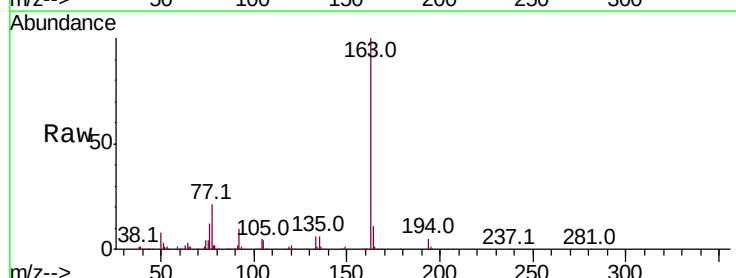
RT: 14.15 min Scan# 1882

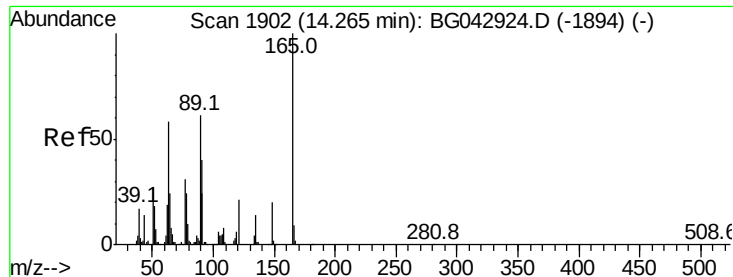
Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	4.4	6.6
164	10.6	8.6	12.8





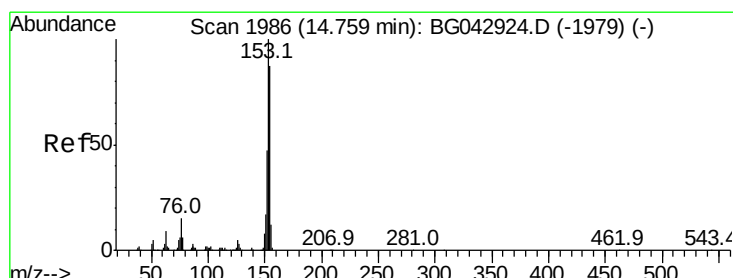
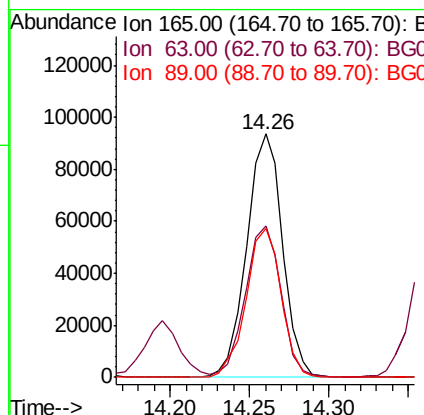
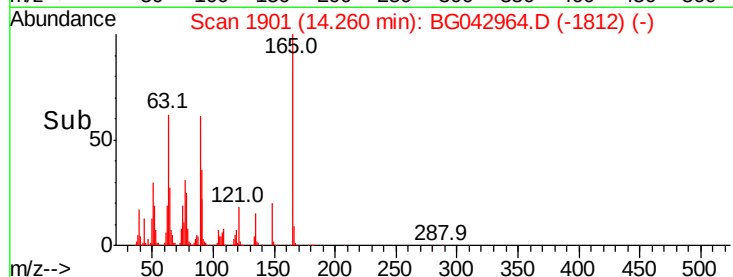
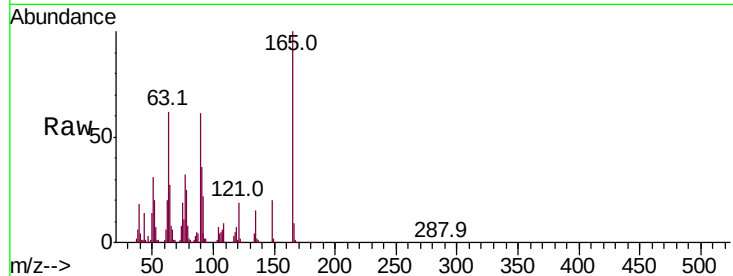
#51
 2,6-Dinitrotoluene
 Concen: 51.362 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.2	50.3	75.5
89	61.1	48.9	73.3

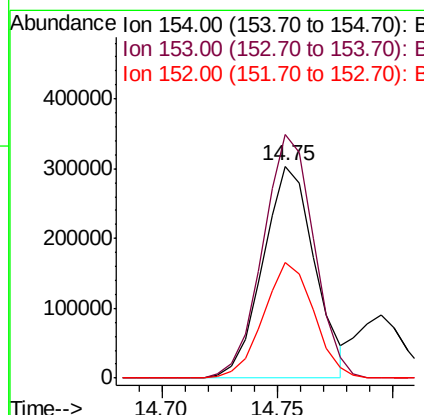
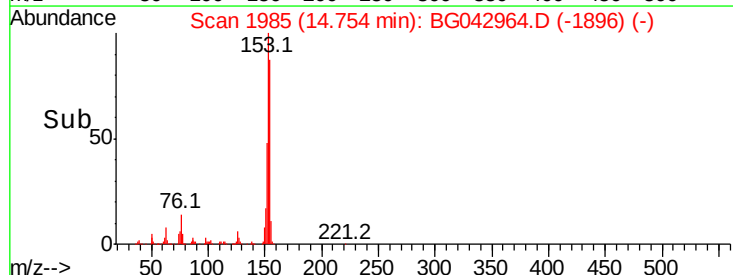
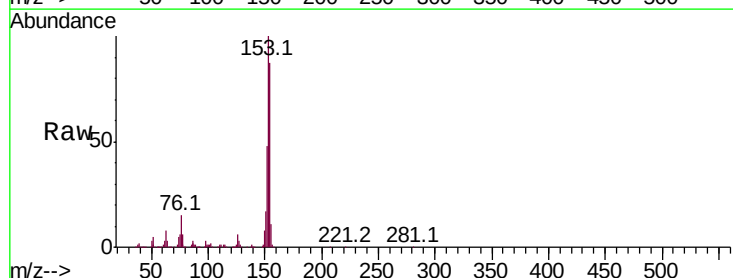
Manual Integrations
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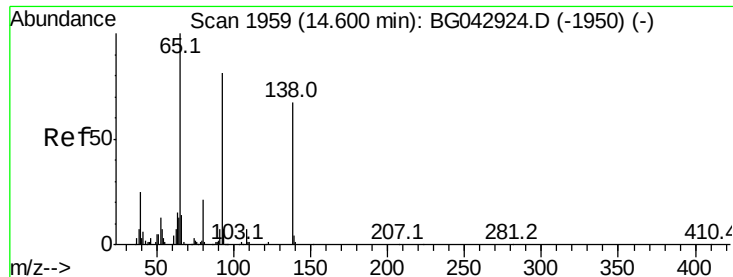
mohammad
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#52
 Acenaphthene
 Concen: 45.322 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.4	137.0
152	54.8	42.8	64.2





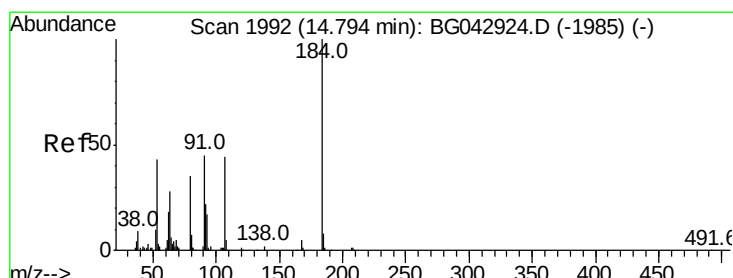
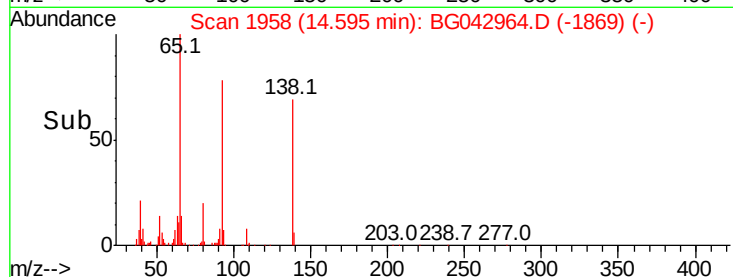
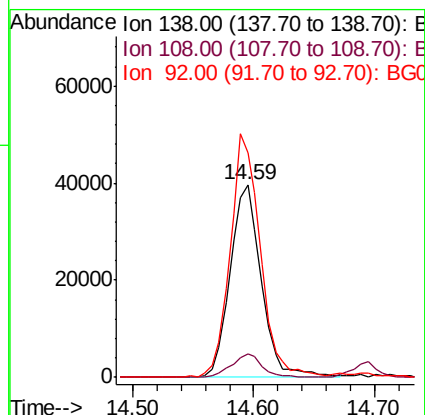
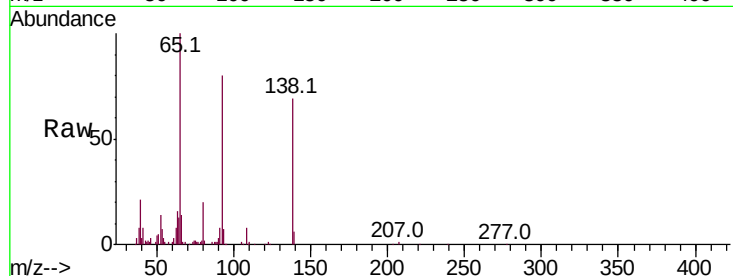
#53
 3-Nitroaniline
 Concen: 24.071 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	7.9	11.9#
92	116.5	97.0	145.6

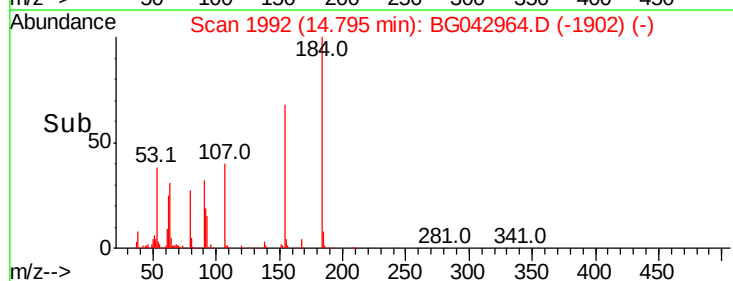
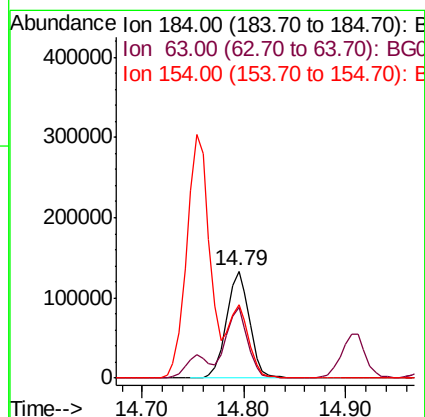
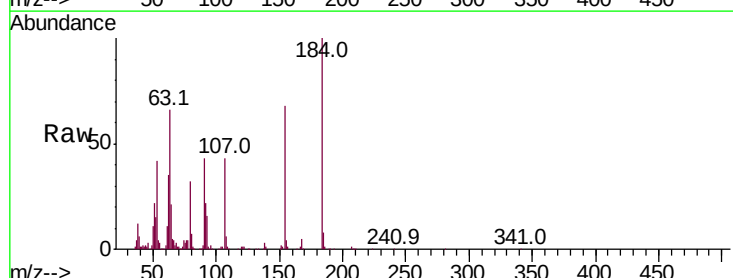
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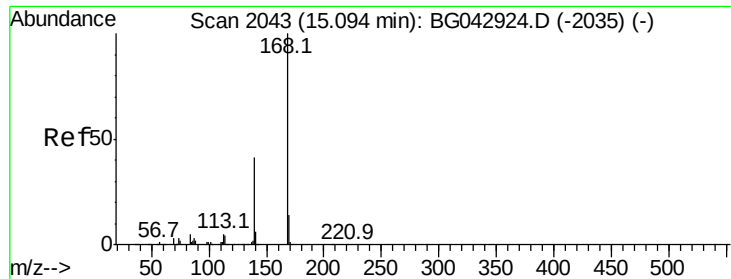
mohammad
 10/2/2019 8:33:30 AM



#54
 2,4-Dinitrophenol
 Concen: 117.983 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.6	55.0	82.6
154	68.4	56.5	84.7





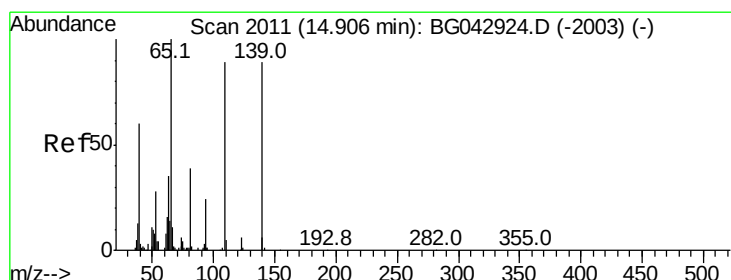
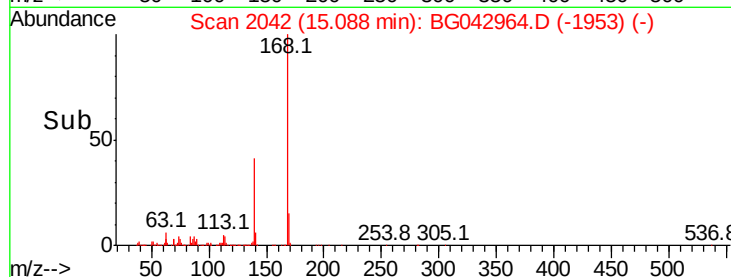
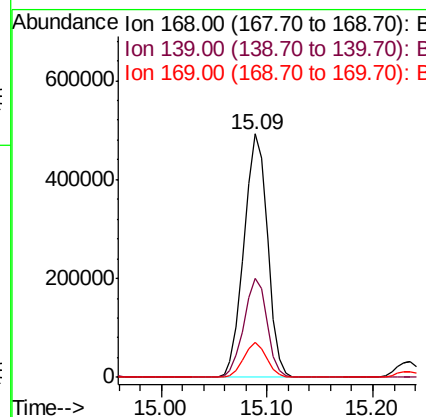
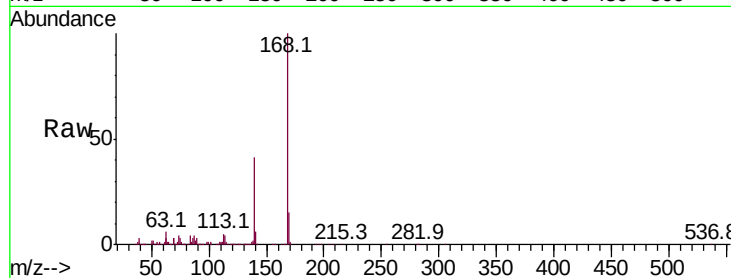
#55
Dibenzenofuran
Concen: 49.169 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.7	32.6	48.8
169	14.5	11.2	16.8

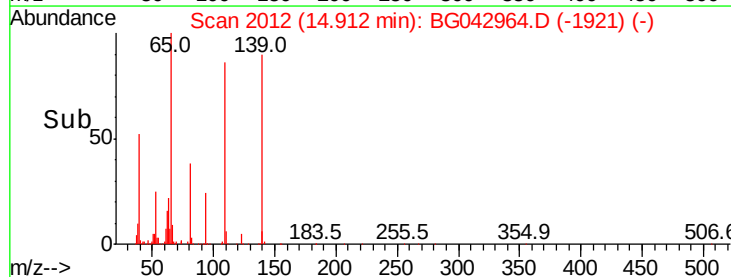
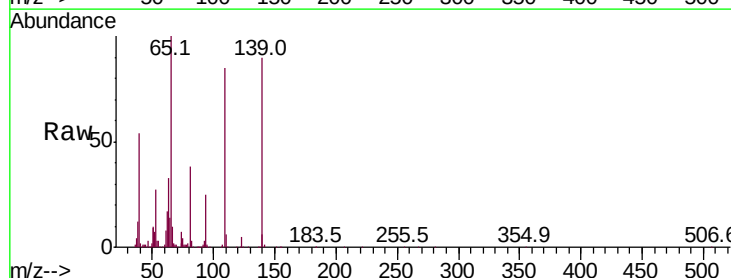
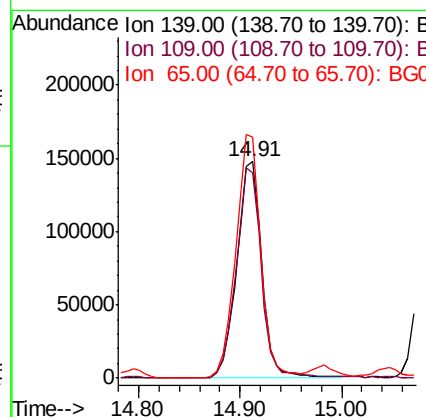
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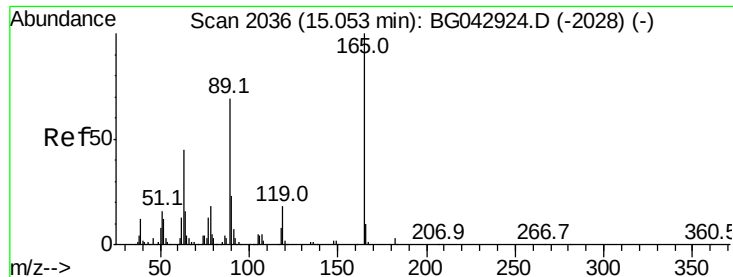
mohammad
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#56
4-Nitrophenol
Concen: 113.272 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.1	79.4	119.4
65	111.4	92.5	132.5





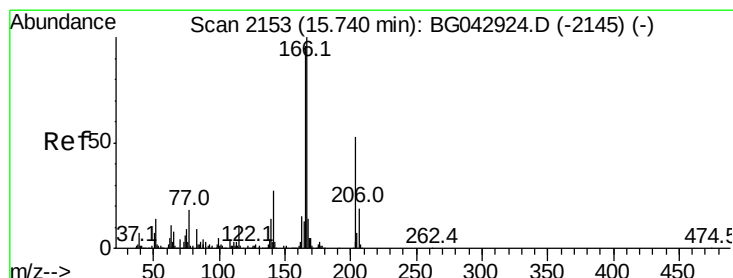
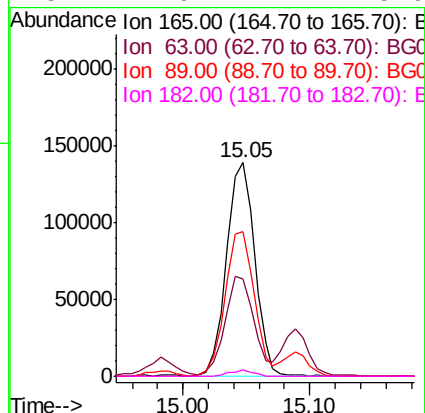
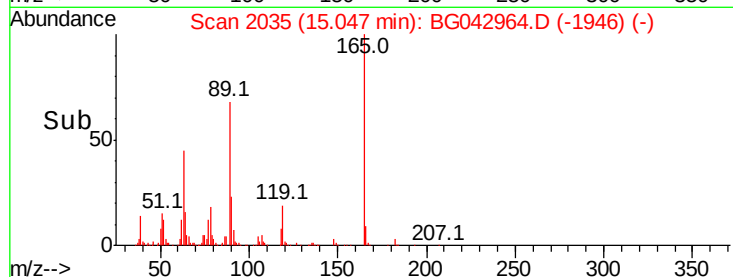
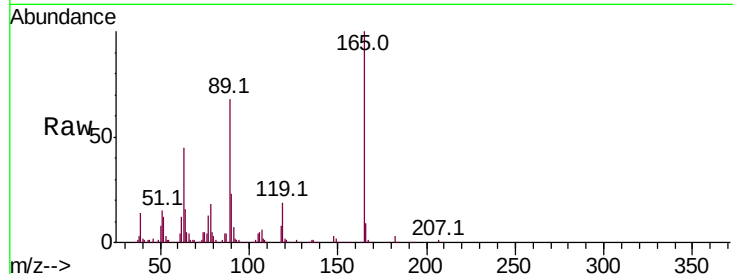
#57
2,4-Dinitrotoluene
Concen: 51.242 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		214283		
63	45.3	36.5	54.7		
89	67.7	55.5	83.3		
182	2.9	2.4	3.6		

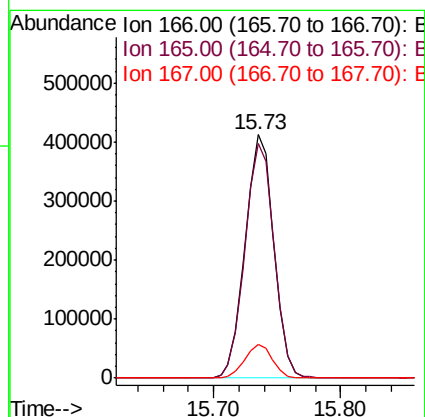
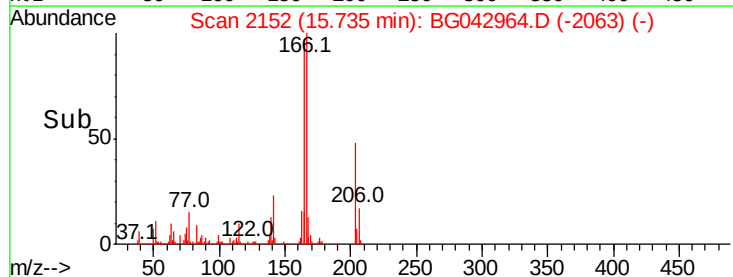
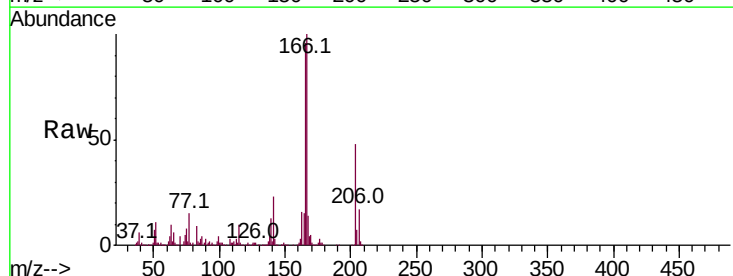
Manual Integrations
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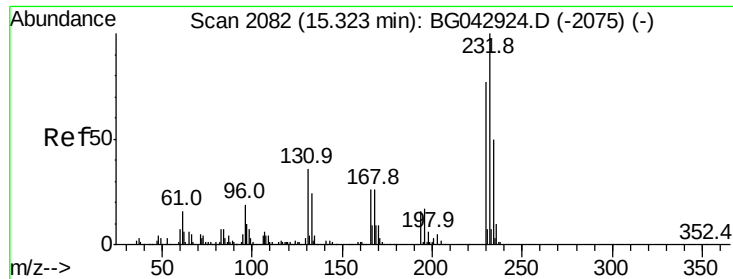
mohammad
10/2/2019 8:33:30 AM



#58
Fluorene
Concen: 49.170 ng
RT: 15.73 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		647186		
165	96.2	77.1	115.7		
167	13.8	11.0	16.6		





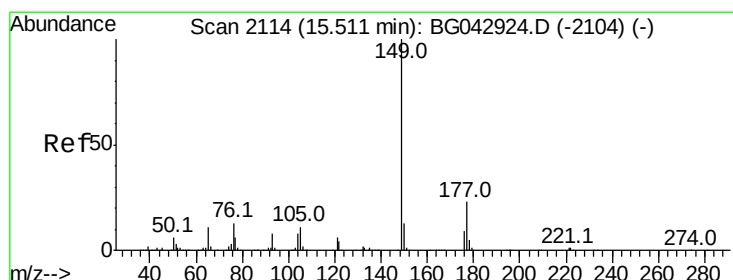
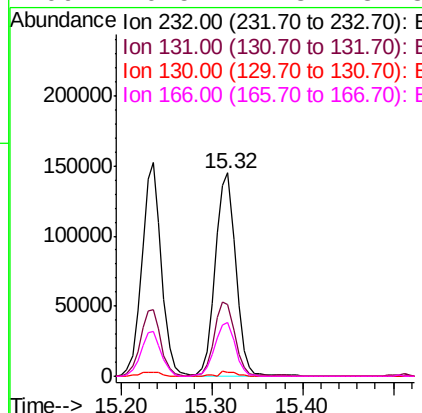
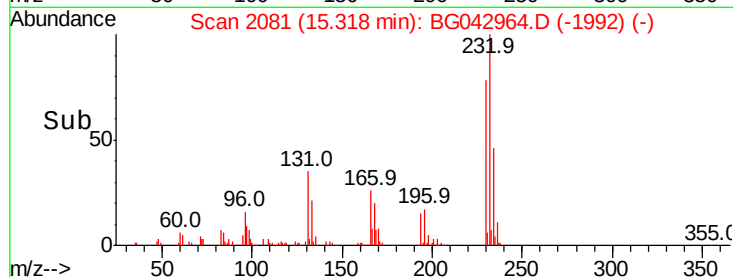
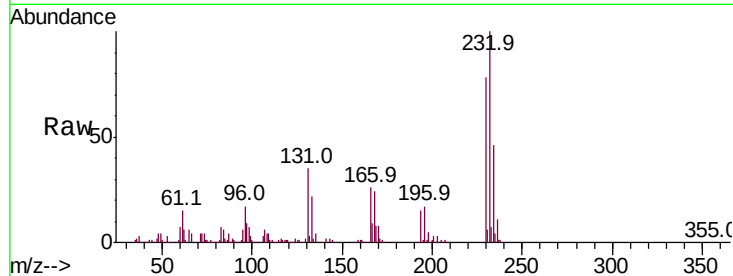
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.598 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	36.1	29.6	44.4
130	2.1	1.9	2.9
166	26.5	21.8	32.8

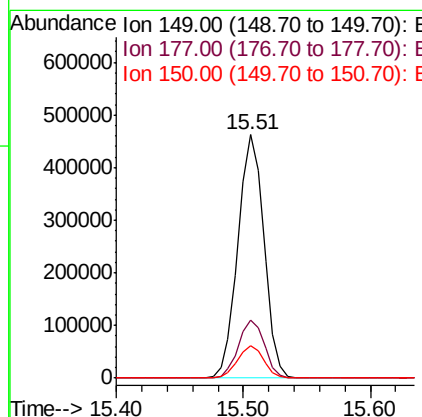
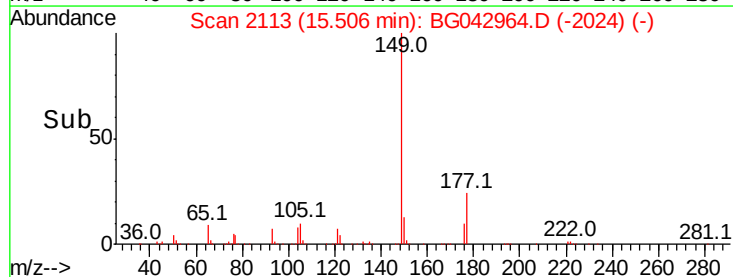
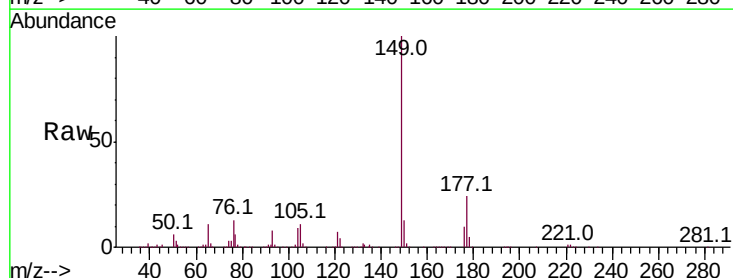
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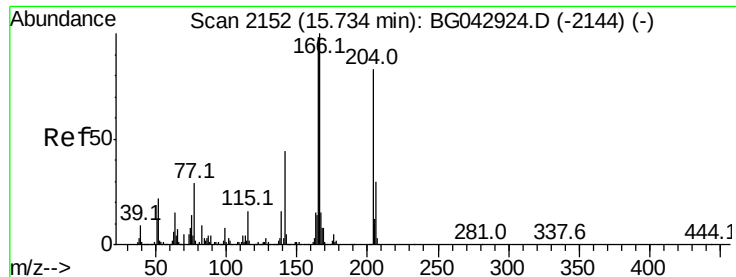
mohammad
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#60
 Diethylphthalate
 Concen: 47.919 ng
 RT: 15.51 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.6	18.8	28.2
150	13.3	10.6	15.8





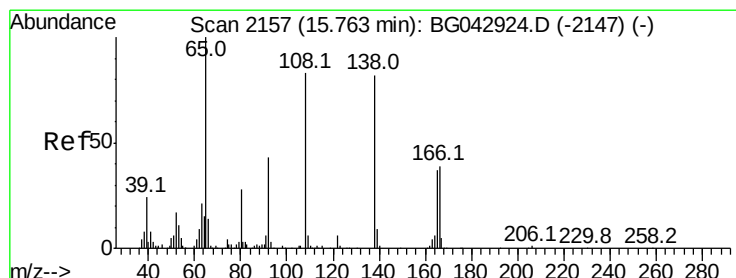
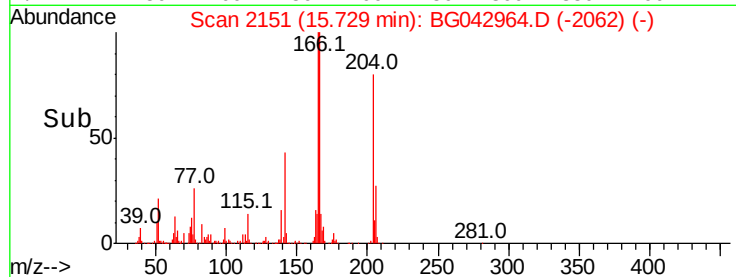
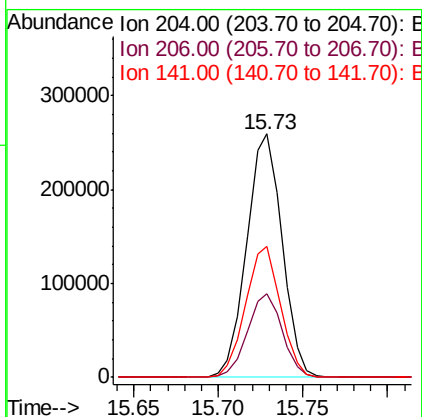
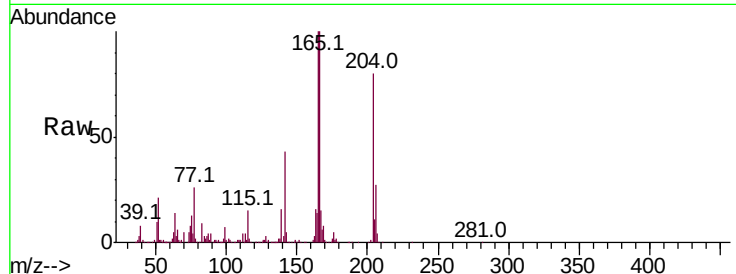
#61
4-Chlorophenyl-phenylether
Concen: 47.877 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.5	42.7
141	53.8	42.4	63.6

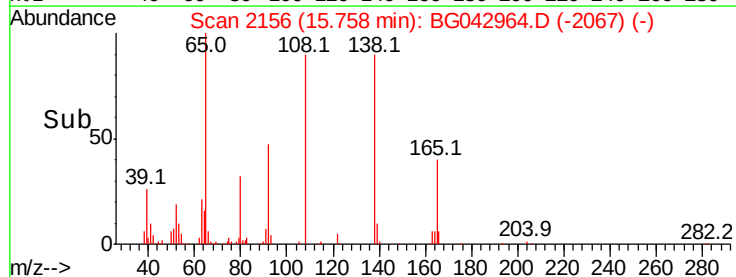
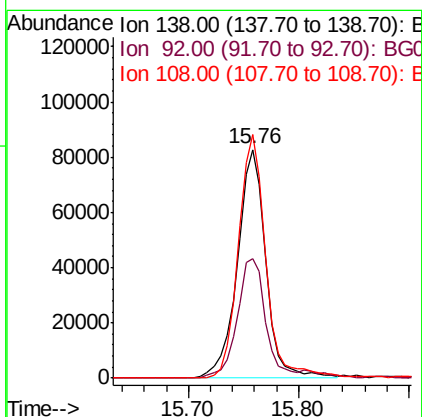
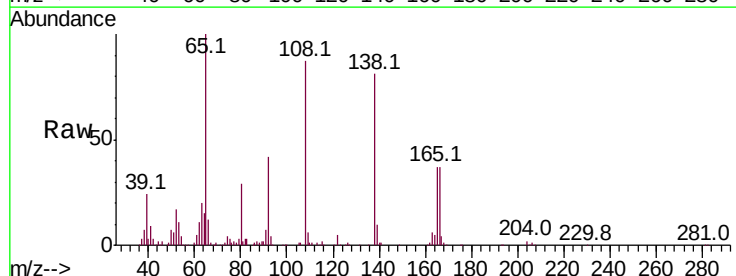
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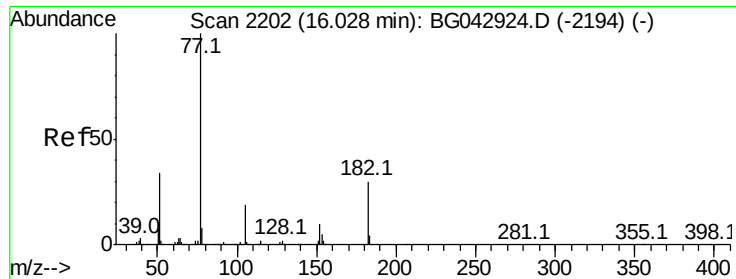
mohammad
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#62
4-Nitroaniline
Concen: 46.535 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	32.9	72.9
108	106.6	81.3	121.3





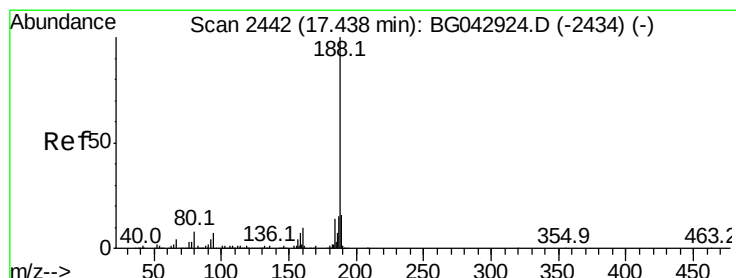
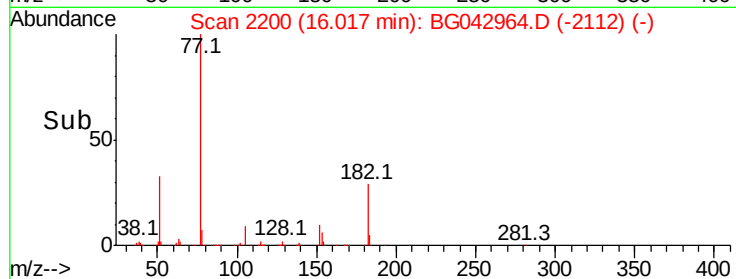
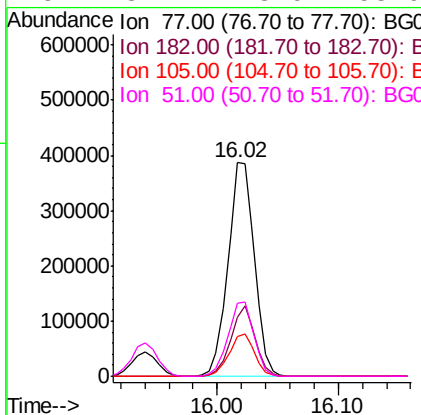
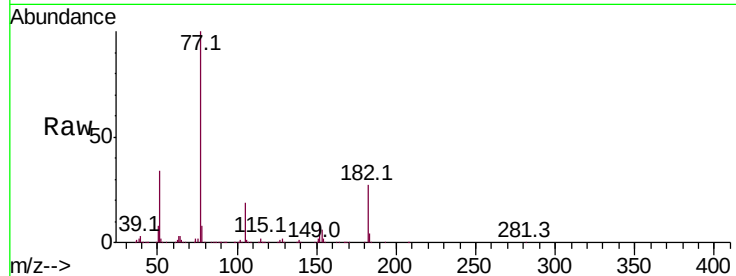
#63
Azobenzene
Concen: 47.038 ng
RT: 16.02 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.4	10.2	50.2
105	18.6	0.0	39.1
51	34.4	13.9	53.9

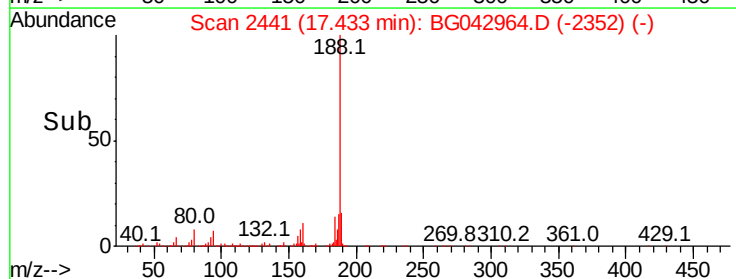
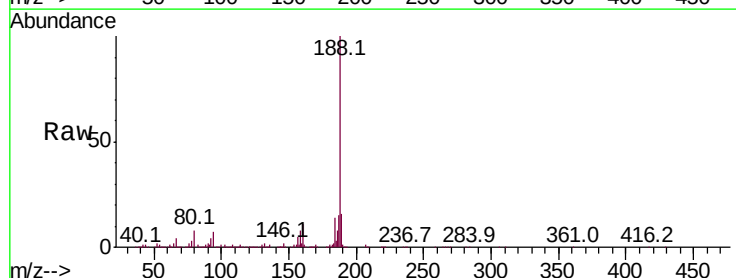
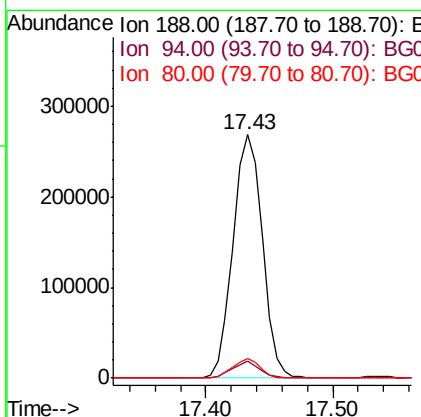
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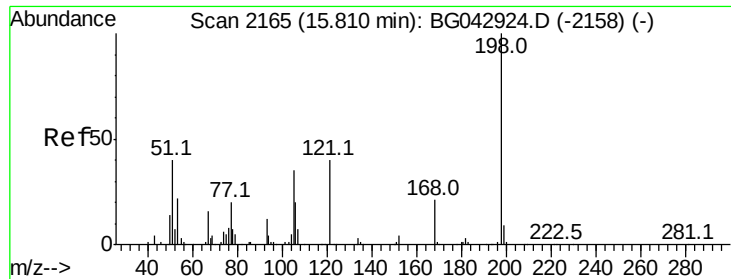
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.7	8.5
80	8.3	6.5	9.7





#65

4,6-Dinitro-2-methylphenol

Concen: 59.563 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

ClientSampleId :

BU-02-092419MSD

Tot Ion:198 Resp: 145061

Ion Ratio Lower Upper

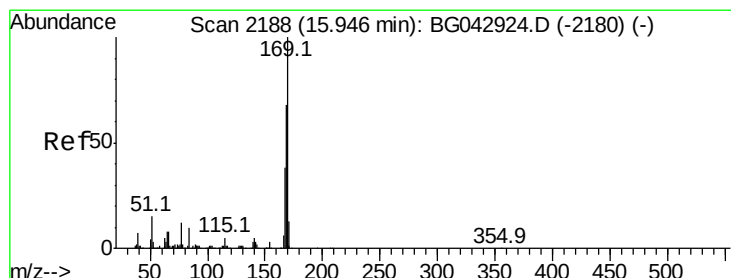
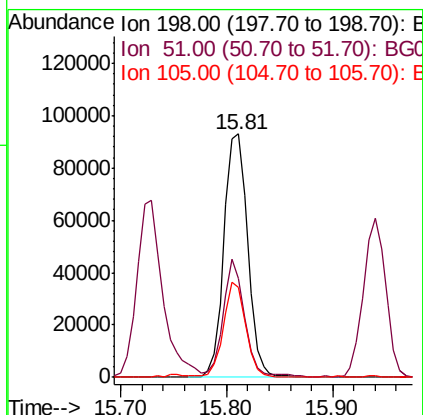
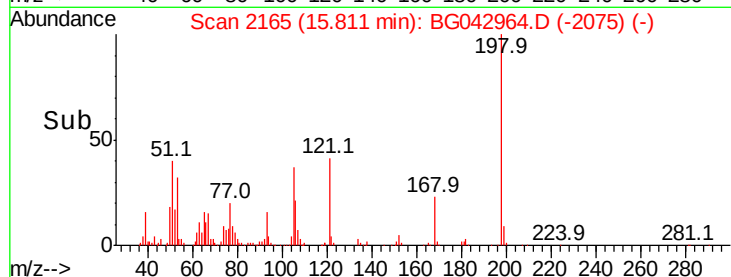
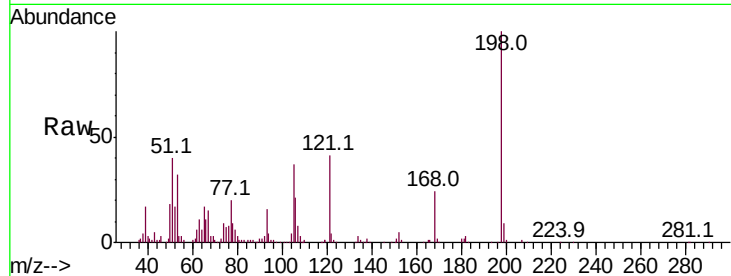
198 100

51 40.4 25.3 65.3

105 37.2 16.6 56.6

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#66

n-Nitrosodiphenylamine

Concen: 50.325 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

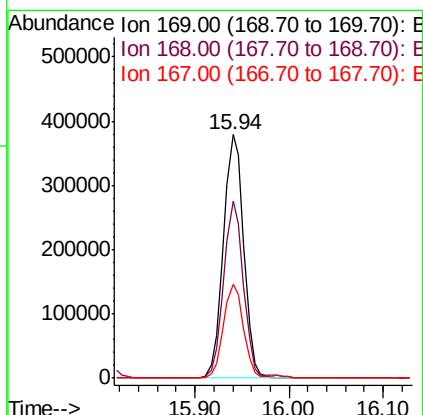
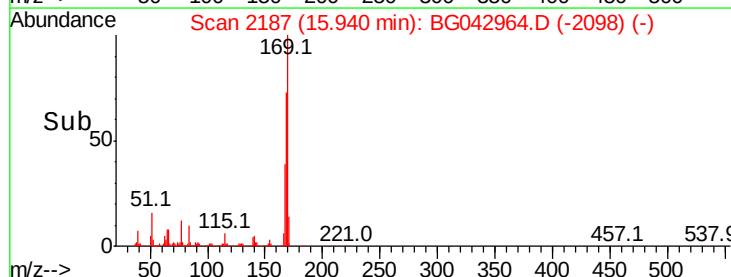
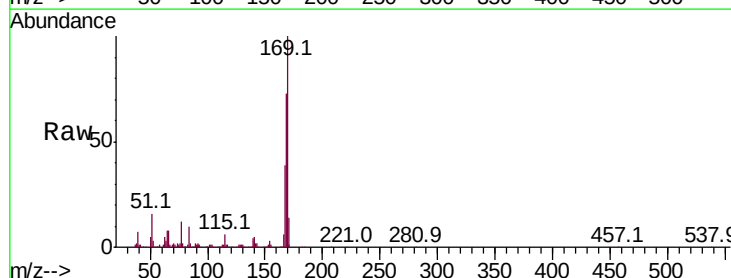
Tgt Ion:169 Resp: 571770

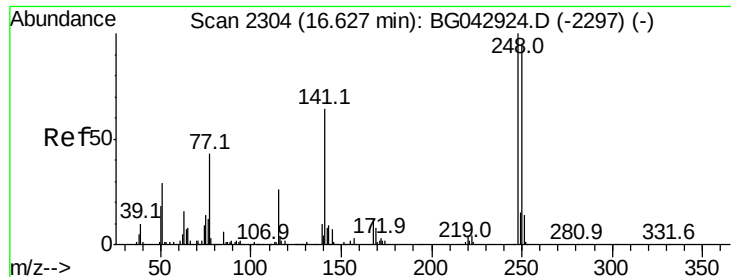
Ion Ratio Lower Upper

169 100

168 72.8 54.8 82.2

167 38.8 30.6 46.0





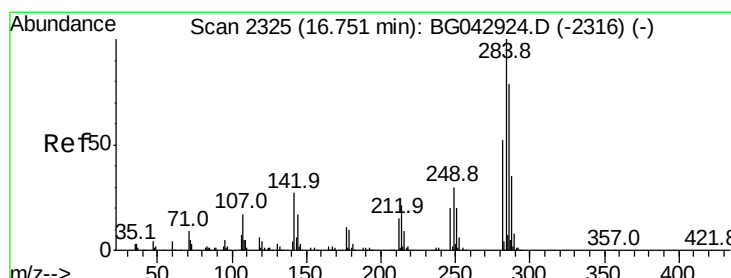
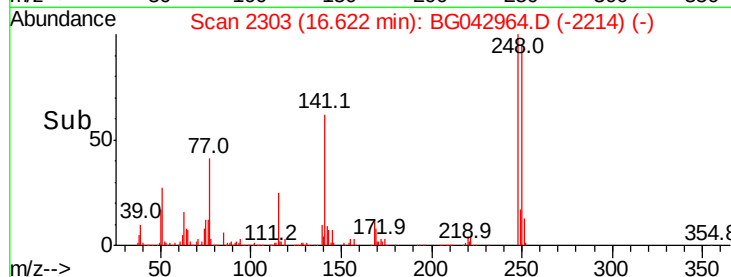
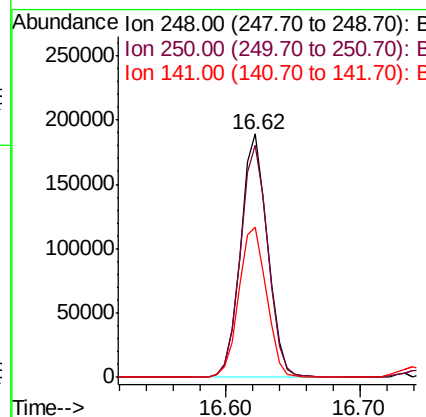
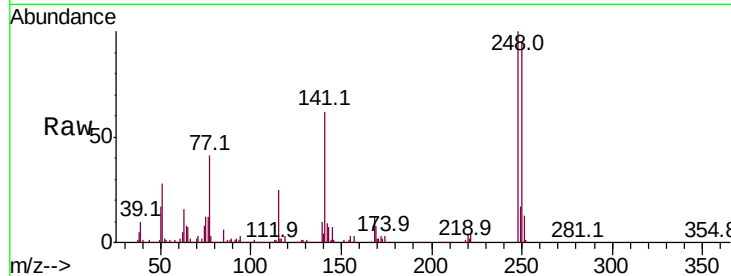
#67
4-Bromophenyl-phenylether
Concen: 48.843 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	75.8	113.8
141	61.6	51.1	76.7

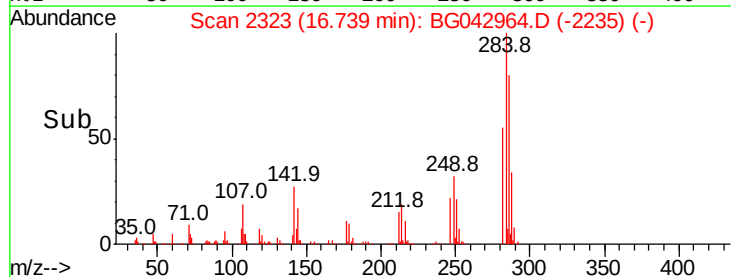
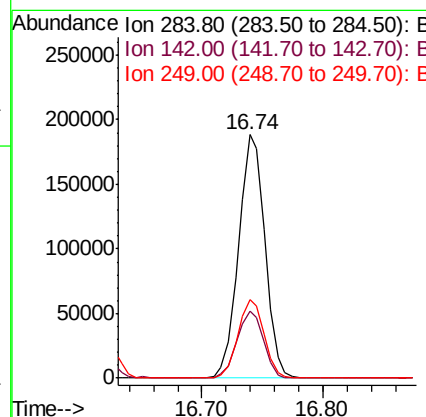
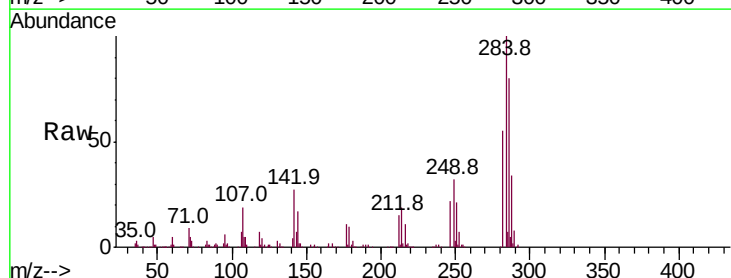
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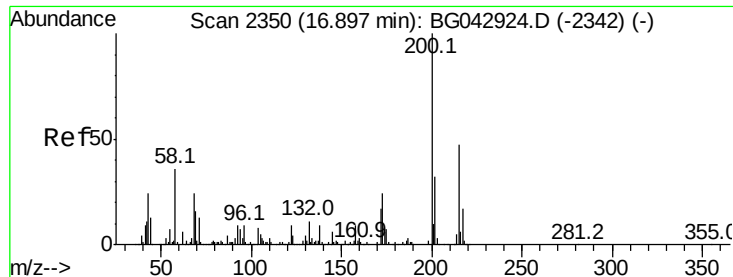
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#68
Hexachlorobenzene
Concen: 47.531 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.4	21.6	32.4
249	32.1	24.1	36.1





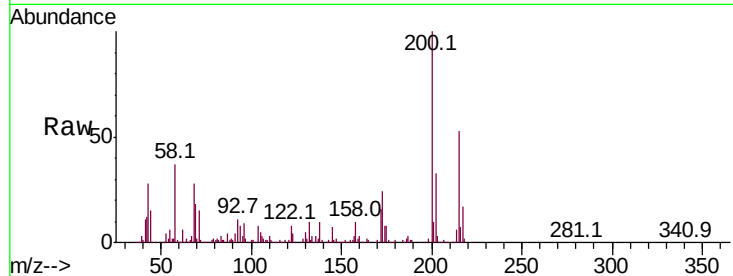
#69
Atrazine
Concen: 44.121 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.6	4.0	44.0
215	53.2	27.4	67.4

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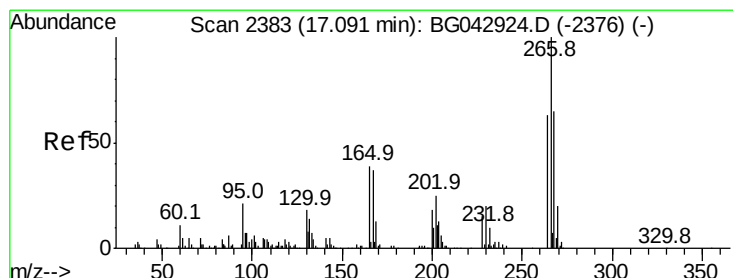
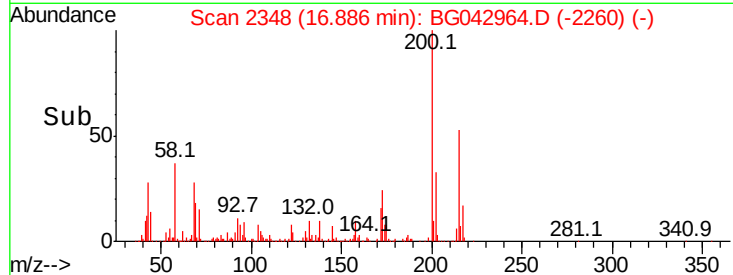
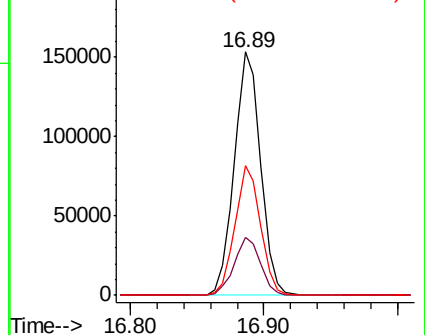


Abundance

Ion 200.00 (199.70 to 200.70): E

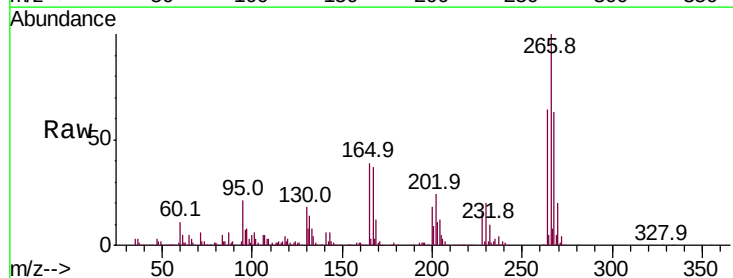
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 113.579 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	52.2	78.2
264	64.2	50.7	76.1

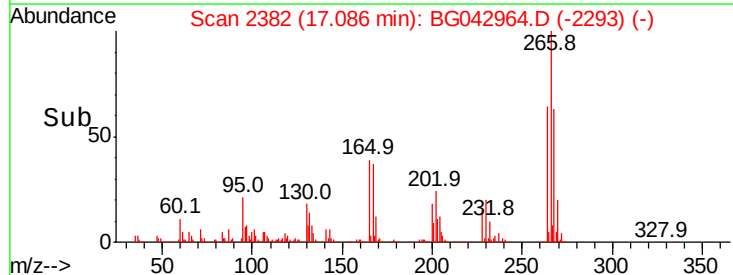
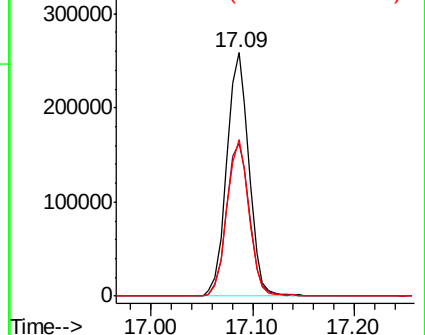


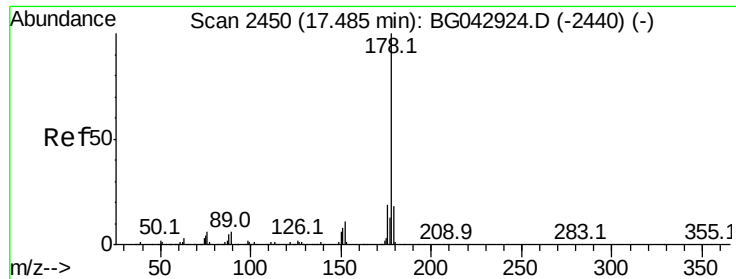
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.622 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

ClientSampleId :

BU-02-092419MSD

Tot Ion:178 Resp: 1042643

Ion Ratio Lower Upper

178 100

176 20.9 15.1 22.7

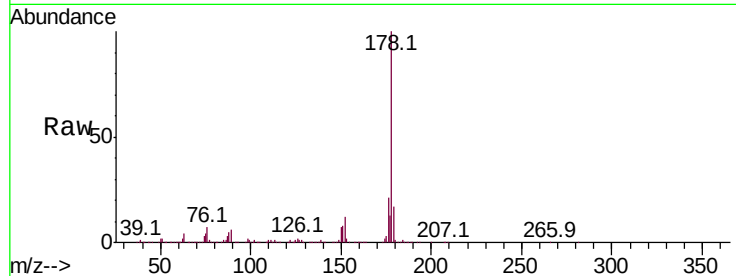
179 17.2 14.1 21.1

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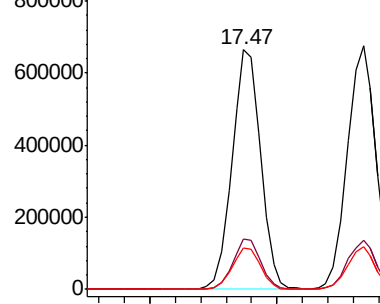
10/2/2019 8:33:30 AM



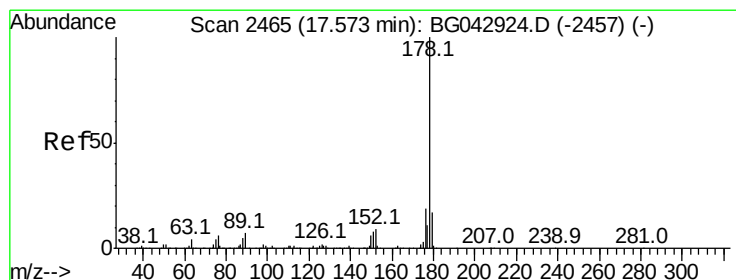
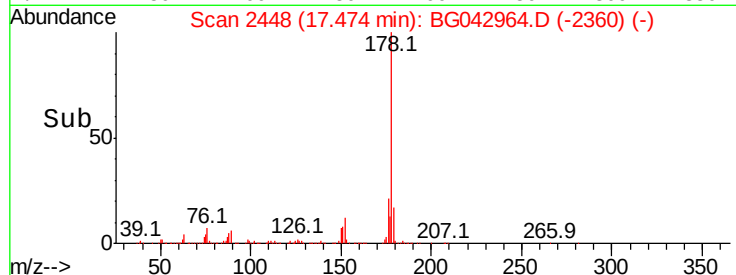
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Anthracene

Concen: 50.569 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

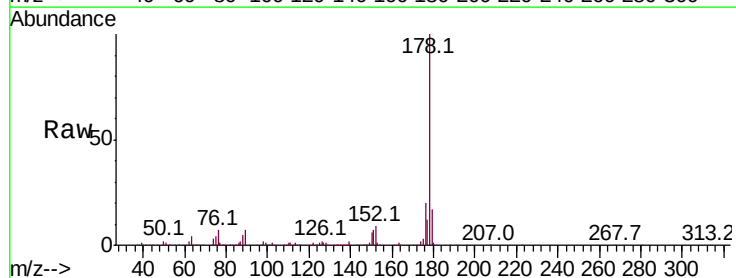
Tgt Ion:178 Resp: 1060755

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

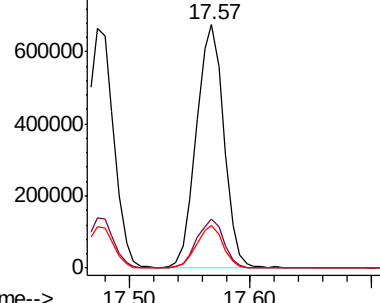
179 17.4 13.5 20.3



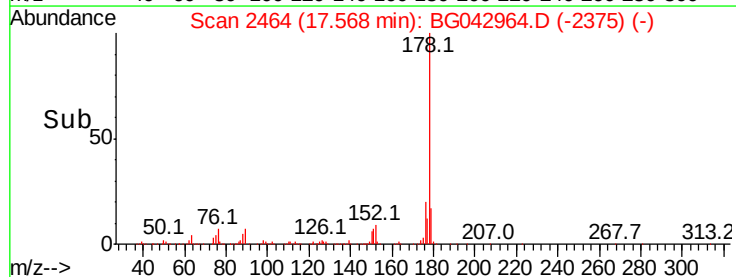
Abundance Ion 178.00 (177.70 to 178.70): E

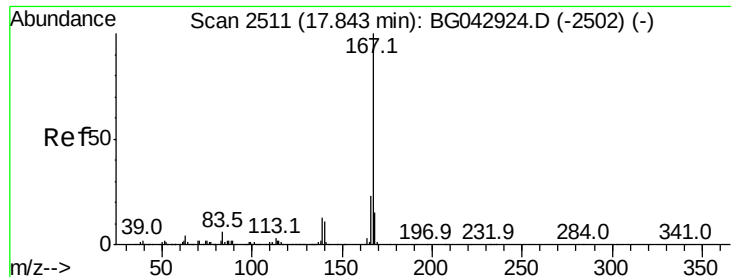
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





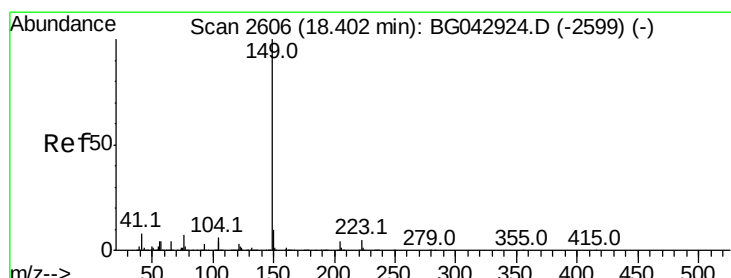
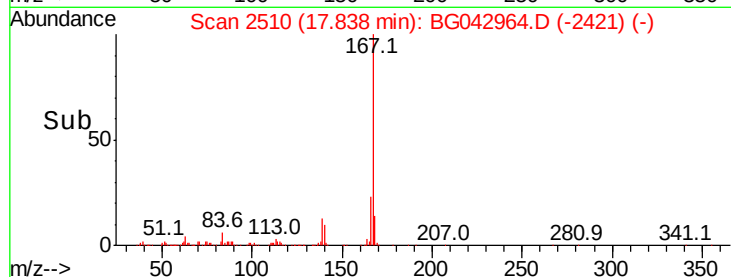
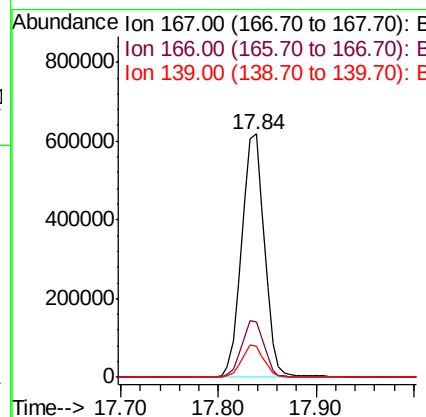
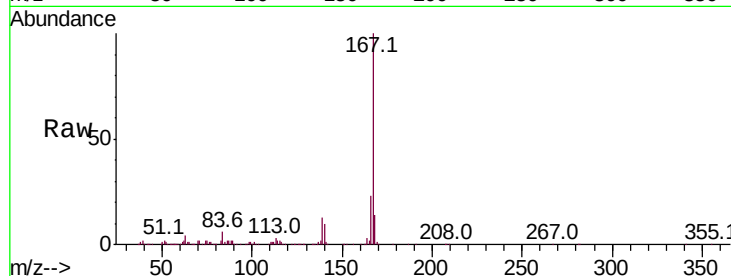
#73
 Carbazole
 Concen: 51.924 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.6	28.0
139	12.8	10.8	16.2

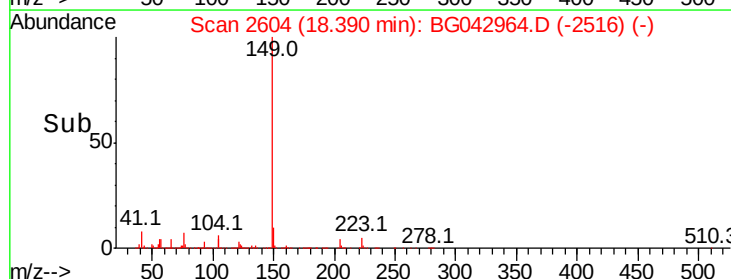
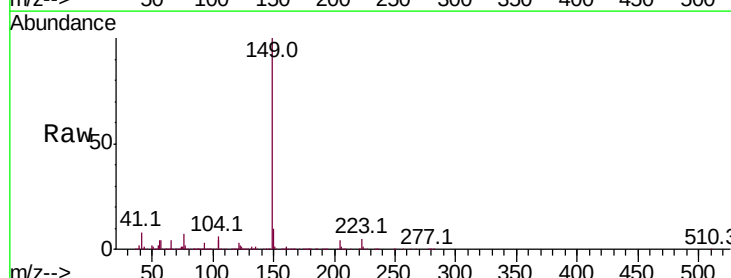
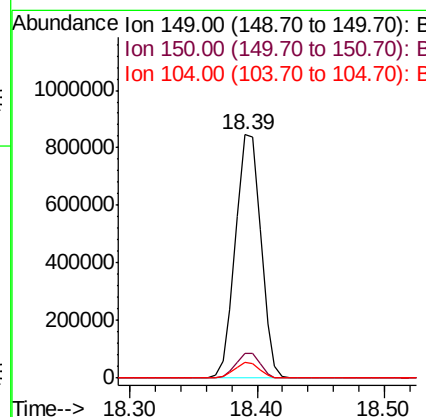
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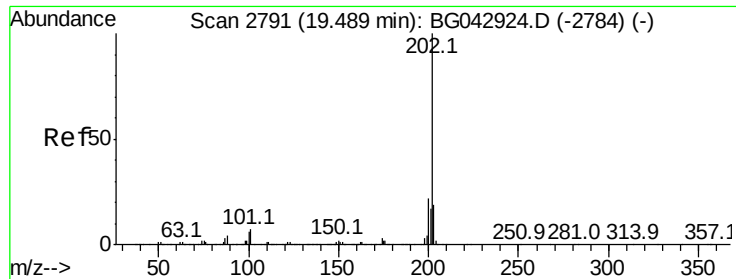
mohammad
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#74
 Di-n-butylphthalate
 Concen: 50.322 ng
 RT: 18.39 min Scan# 2604
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	6.4	5.0	7.6





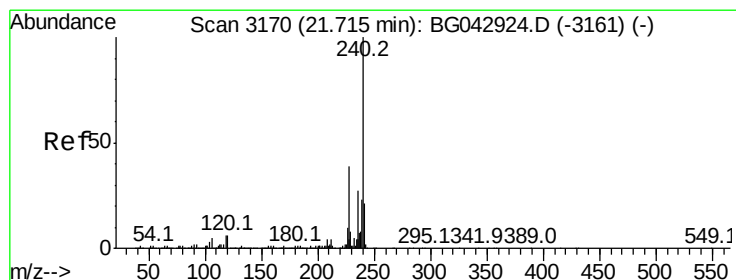
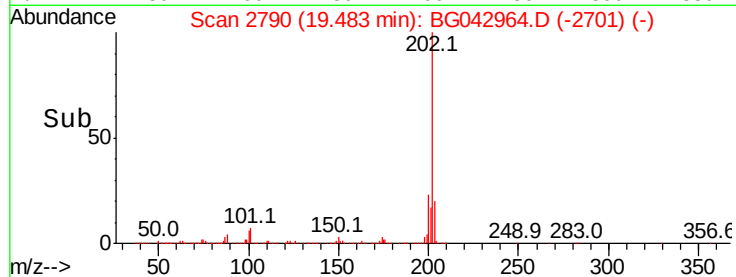
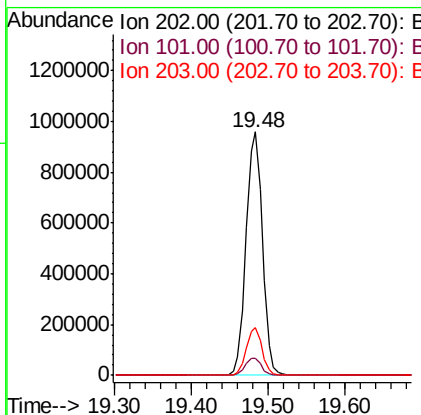
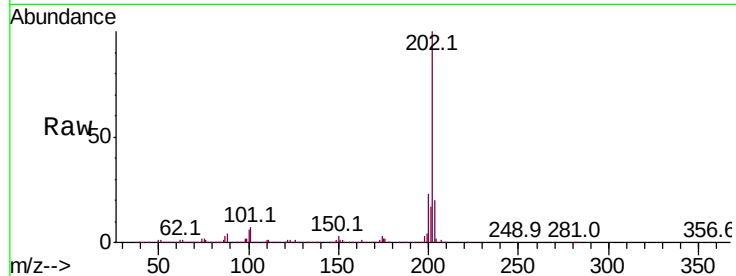
#75
 Fluoranthene
 Concen: 51.581 ng
 RT: 19.48 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	27.3
203	19.8	0.0	39.5

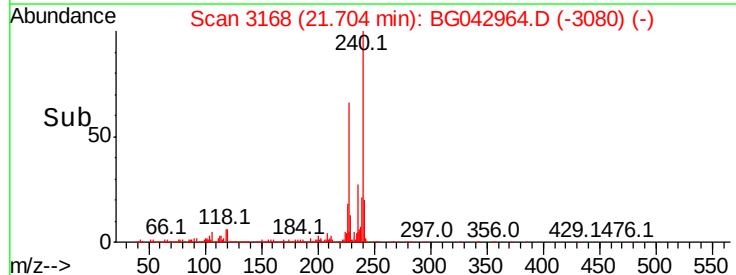
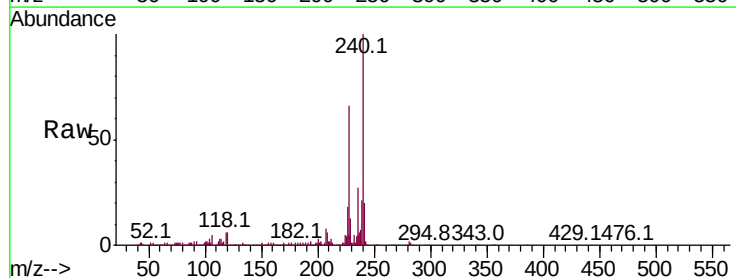
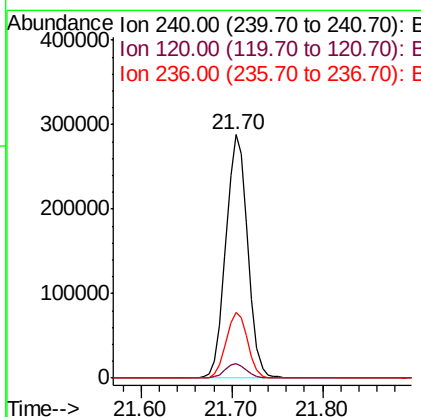
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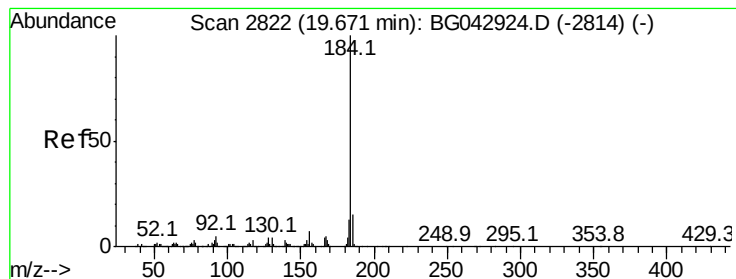
mohammad
 10/2/2019 8:33:30 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.9	4.8	7.2
236	26.8	21.4	32.0





#77

Benzidine

Concen: 4.683 ng

RT: 19.67 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

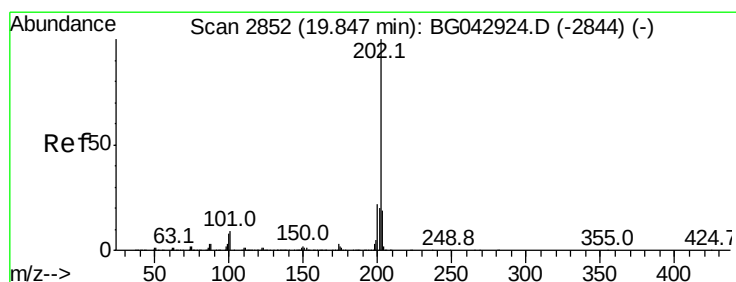
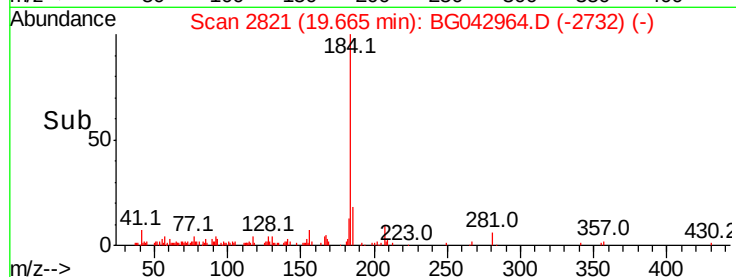
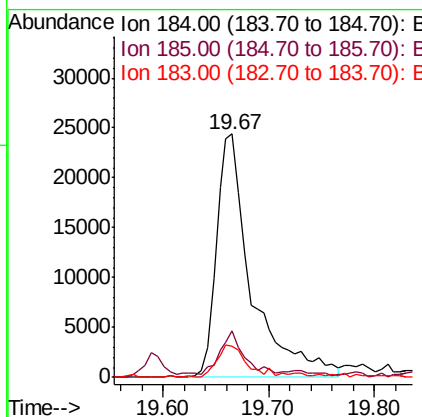
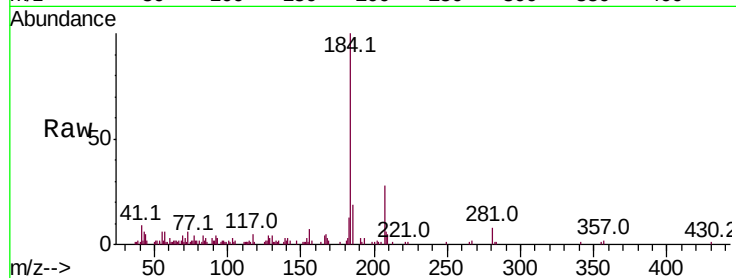
ClientSampleId :

BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	18.9	11.8	17.8#
183	12.5	10.1	15.1

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#78

Pyrene

Concen: 50.074 ng

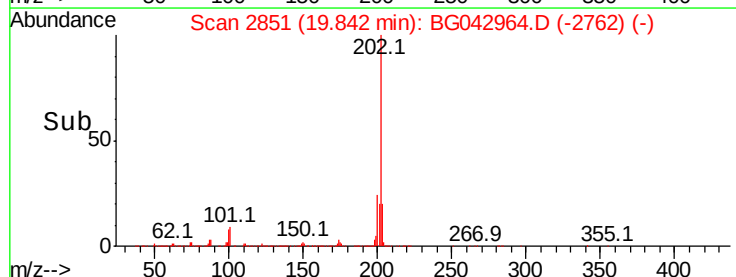
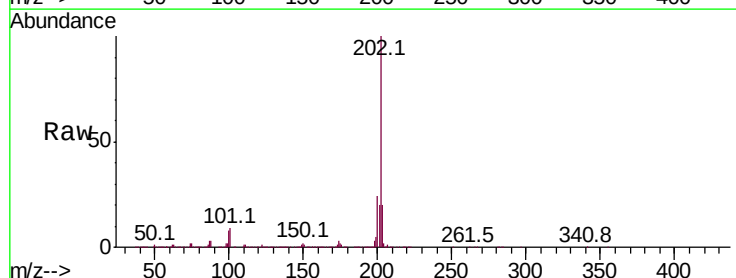
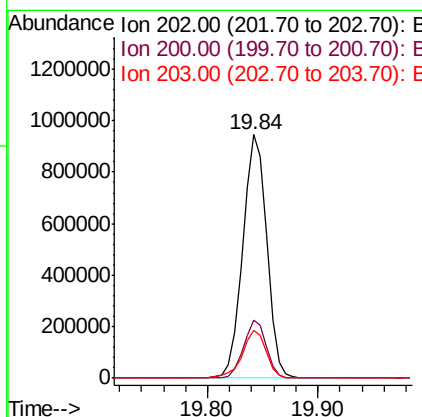
RT: 19.84 min Scan# 2851

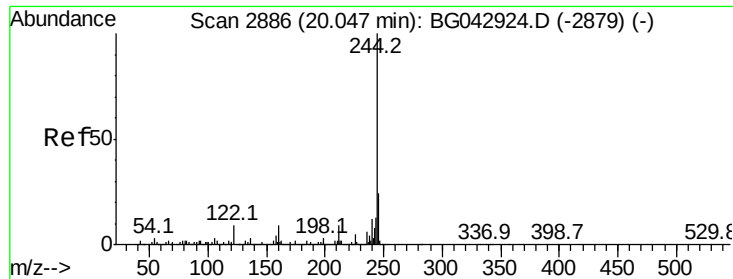
Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.6	26.4
203	19.8	15.2	22.8





#79

Terphenyl-d14

Concen: 97.827 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

ClientSampleId :

BU-02-092419MSD

Tot Ion:244 Resp: 2213283

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

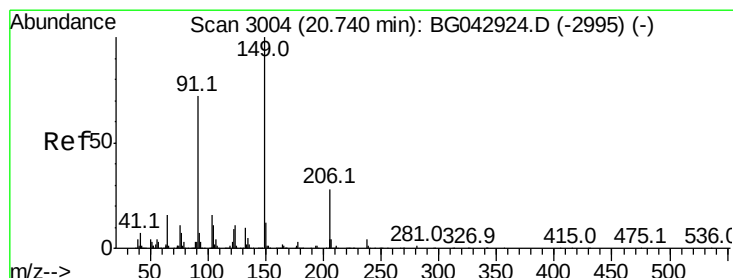
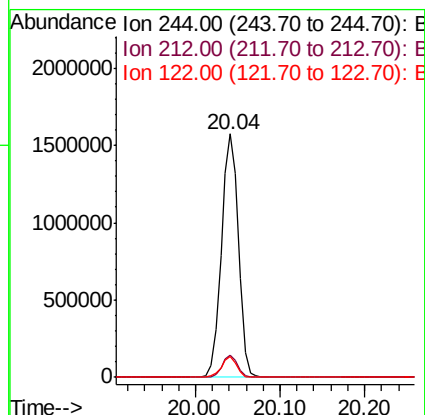
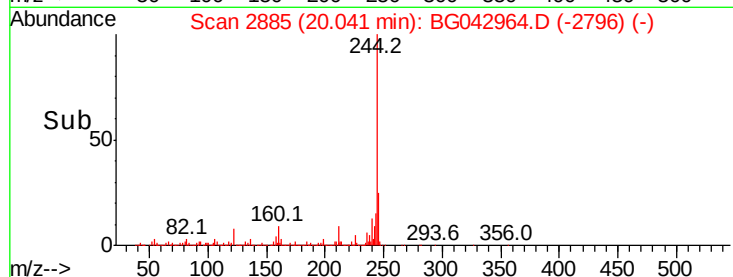
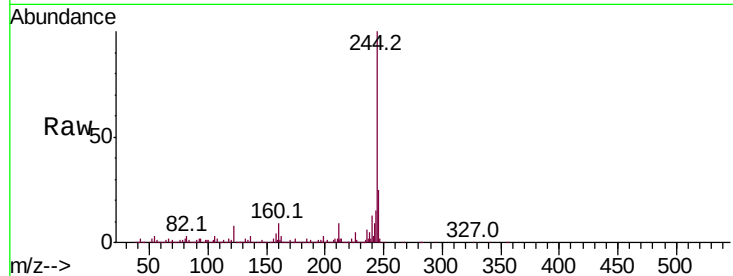
122 8.3 7.0 10.4

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#80

Butylbenzylphthalate

Concen: 50.916 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

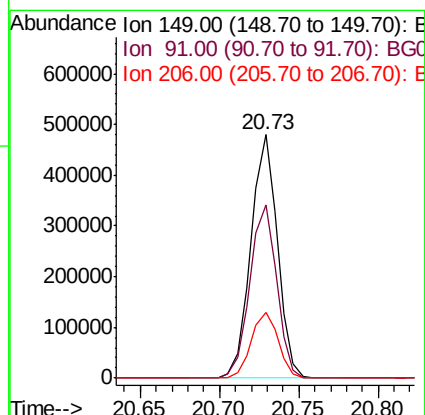
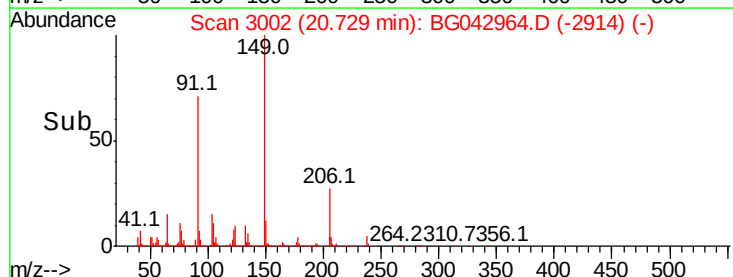
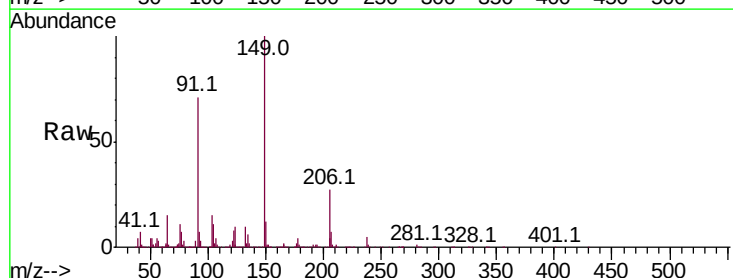
Tgt Ion:149 Resp: 556113

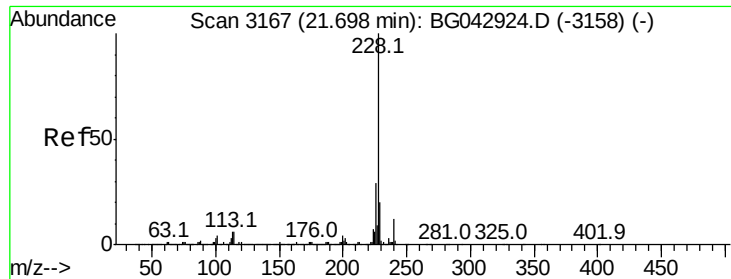
Ion Ratio Lower Upper

149 100

91 71.4 57.7 86.5

206 27.2 22.6 33.8





#81

Benzo(a)anthracene

Concen: 49.605 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

Instrument :

BNA_G

ClientSampleId :

BU-02-092419MSD

Tot Ion:228 Resp: 1490106

Ion Ratio Lower Upper

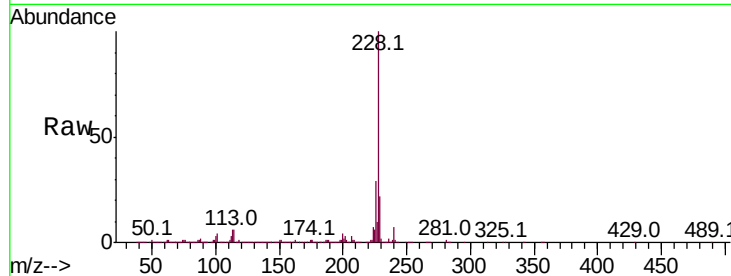
228 100

226 28.8 23.0 34.4

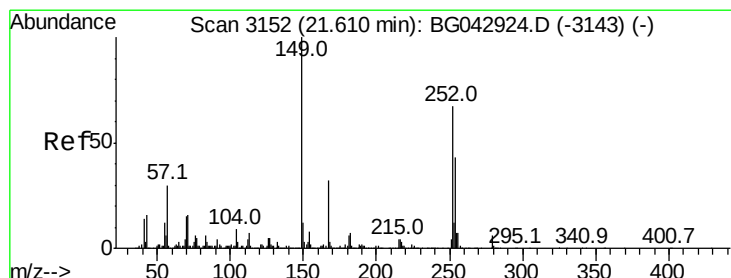
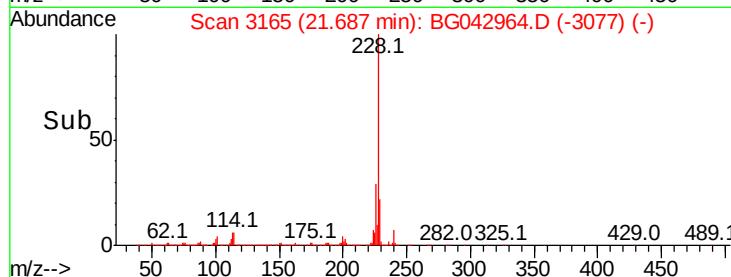
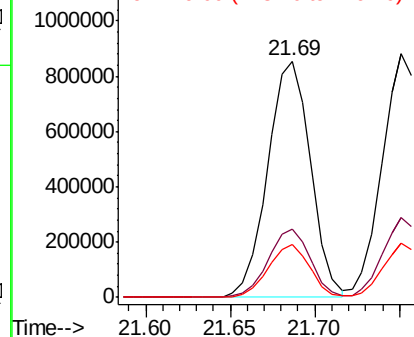
229 22.1 16.3 24.5

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Abundance Ion 228.00 (227.70 to 228.70): E
1200000
Ion 226.00 (225.70 to 226.70): E
1000000
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.692 ng

RT: 21.60 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG042964.D

Acq: 1 Oct 2019 5:46

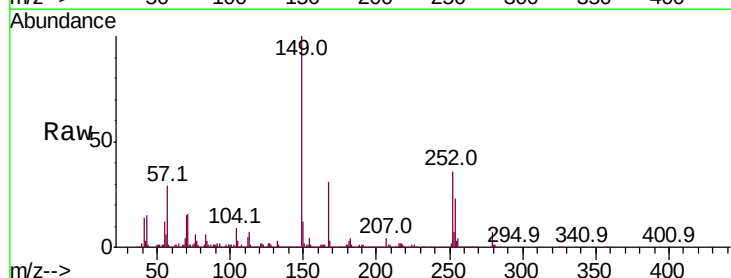
Tgt Ion:252 Resp: 302694

Ion Ratio Lower Upper

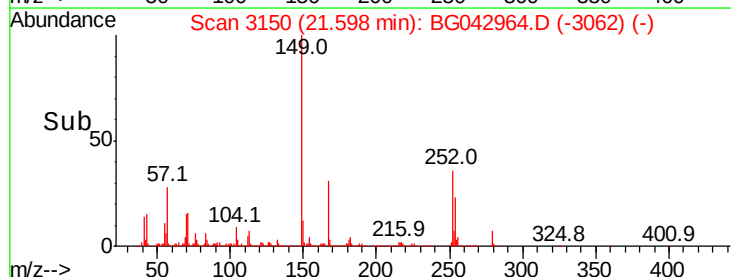
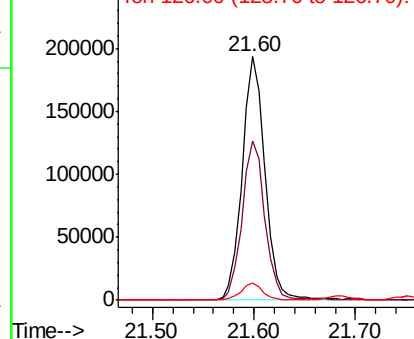
252 100

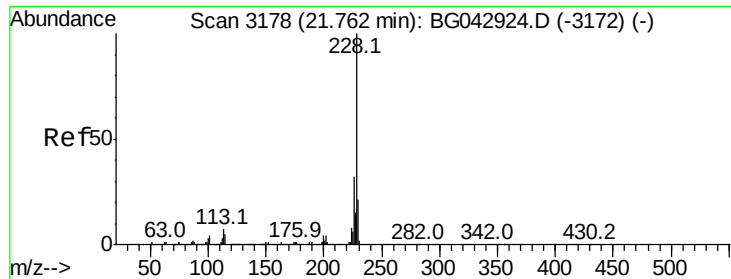
254 65.2 51.9 77.9

126 6.9 6.1 9.1



Abundance Ion 252.00 (251.70 to 252.70): E
250000
Ion 254.00 (253.70 to 254.70): E
200000
Ion 126.00 (125.70 to 126.70): E





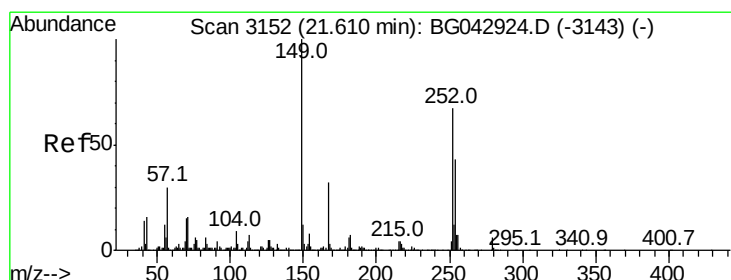
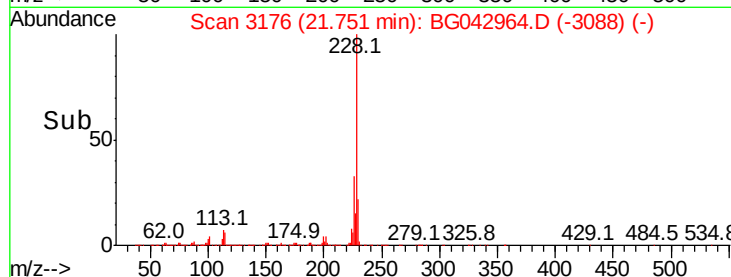
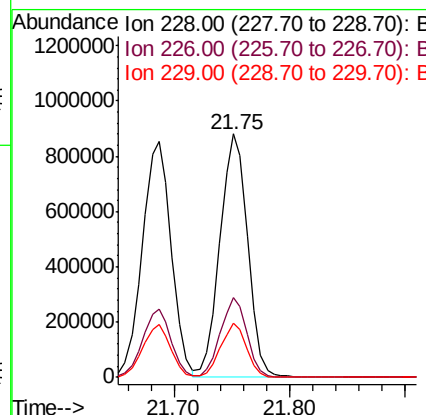
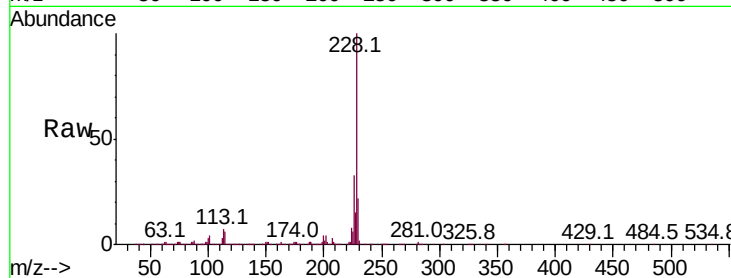
#83
 Chrysene
 Concen: 50.034 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.6	38.4
229	22.3	16.9	25.3

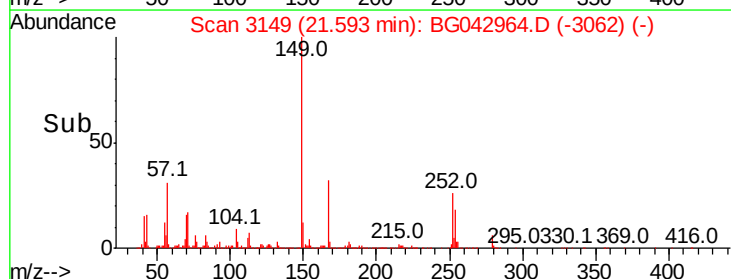
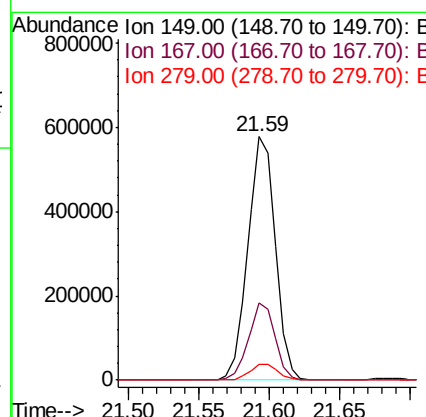
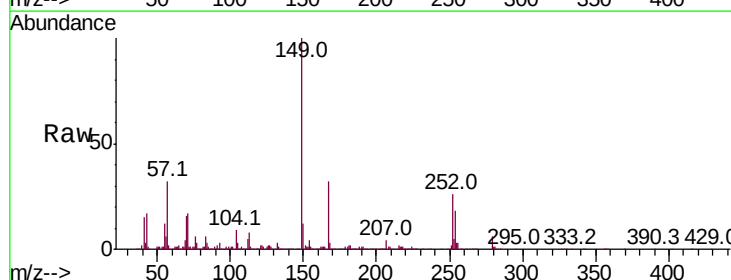
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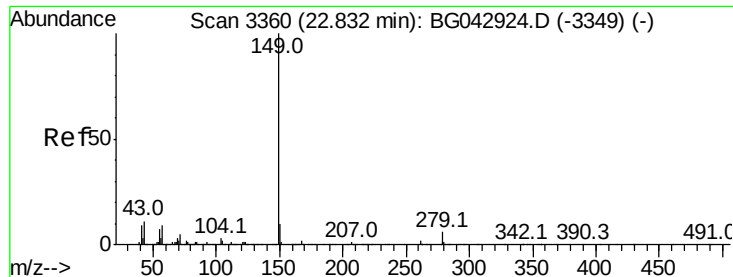
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.435 ng
 RT: 21.59 min Scan# 3149
 Delta R.T. -0.02 min
 Lab File: BG042964.D
 Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	25.4	38.2
279	6.3	5.1	7.7





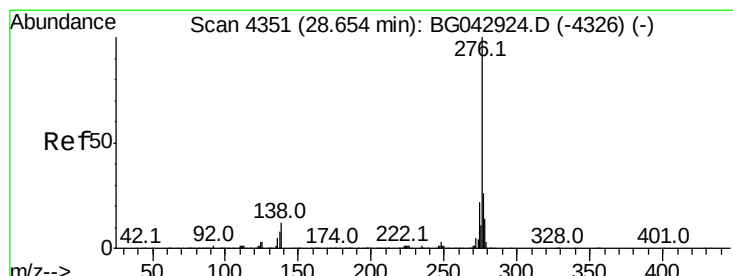
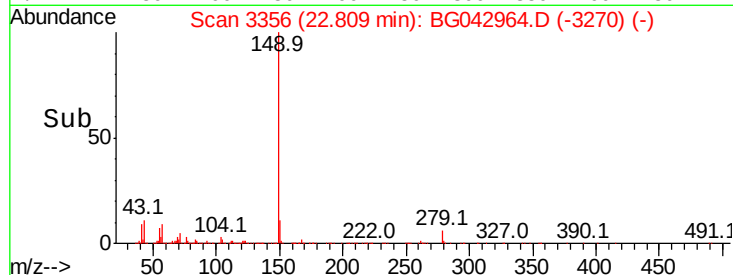
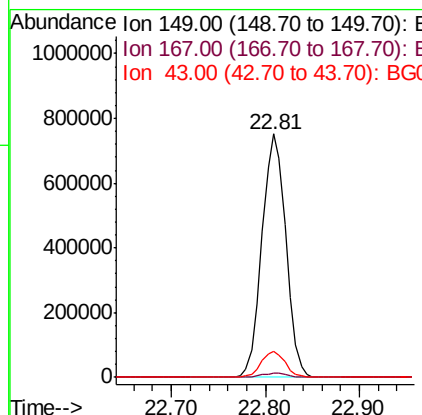
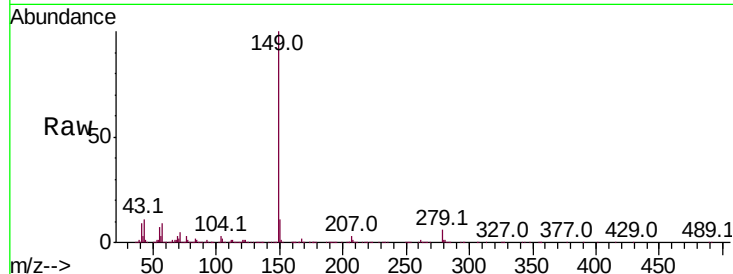
#85
Di-n-octyl phthalate
Concen: 51.995 ng
RT: 22.81 min Scan# 3356
Delta R.T. -0.02 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.4	2.0
43	10.7	8.7	13.1

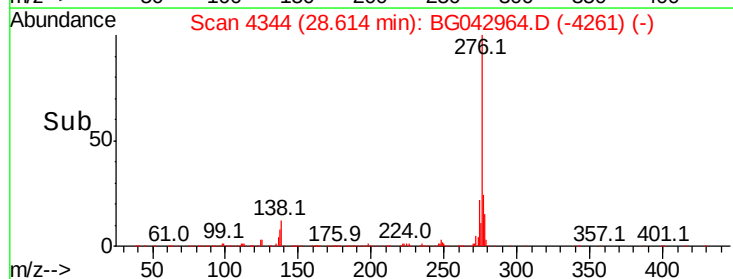
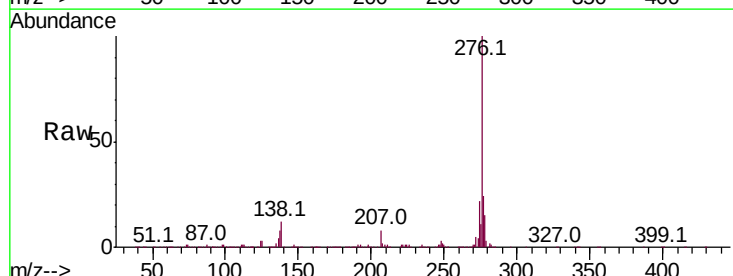
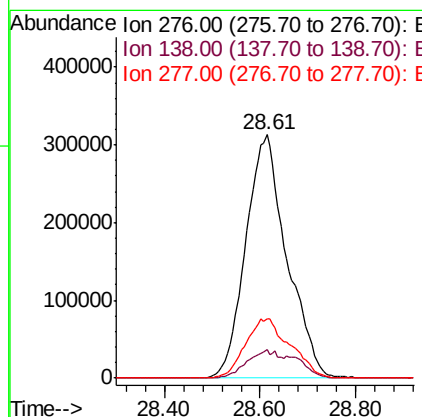
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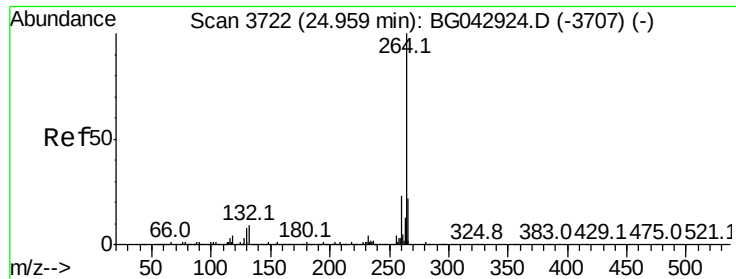
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.174 ng
RT: 28.61 min Scan# 4344
Delta R.T. -0.04 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.3	7.0	10.6
277	26.6	20.9	31.3





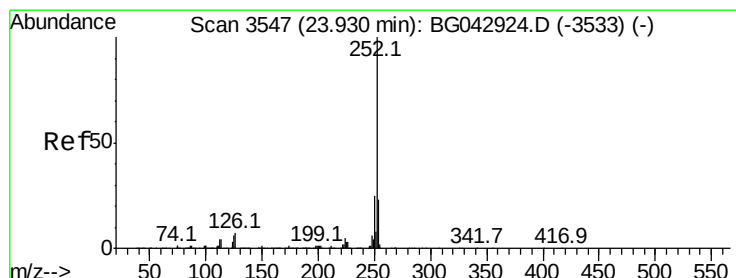
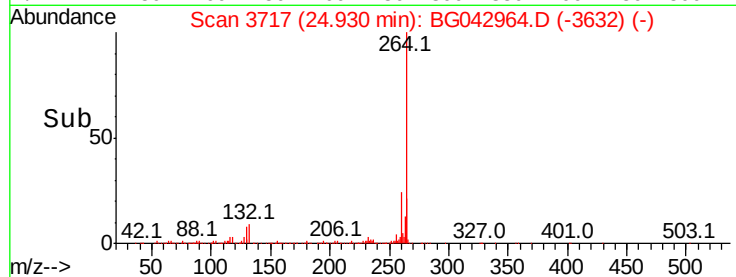
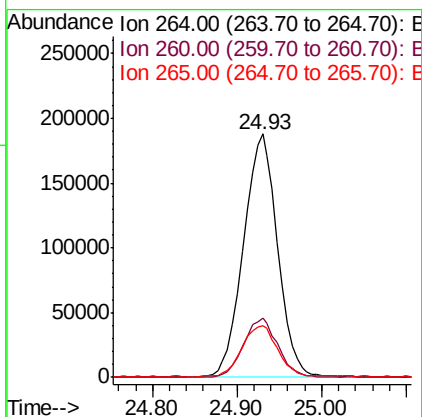
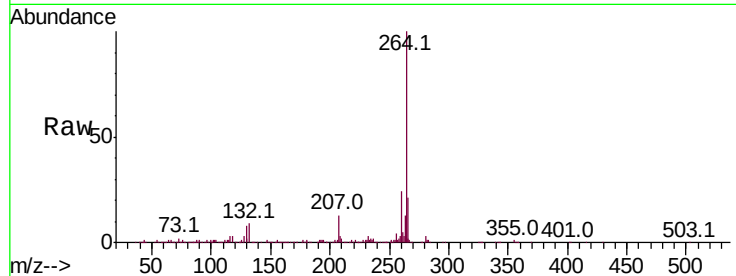
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.2	17.7	26.5

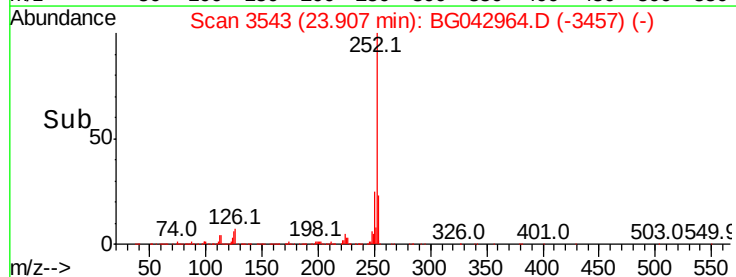
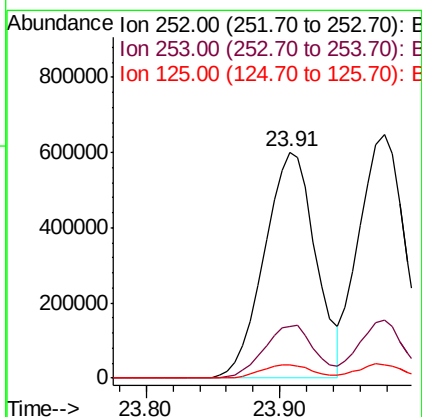
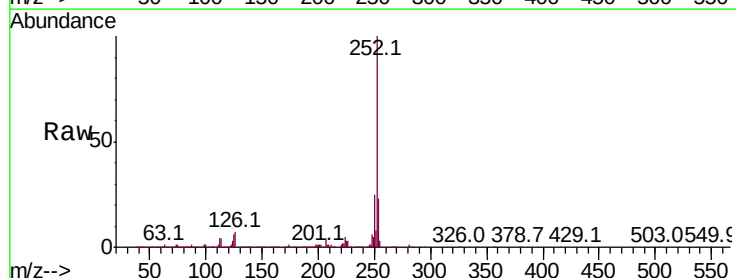
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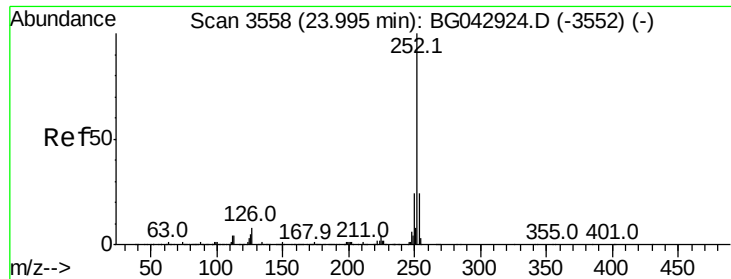
mohammad
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#88
Benzo(b)fluoranthene
Concen: 53.633 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	6.0	4.6	7.0





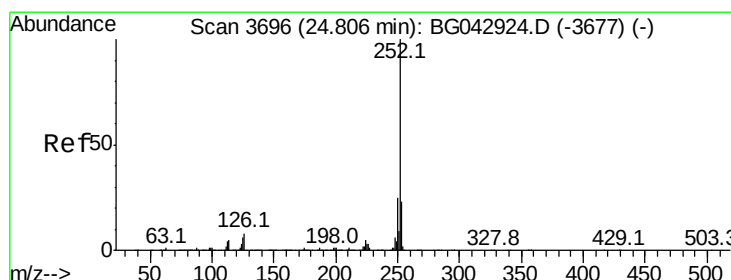
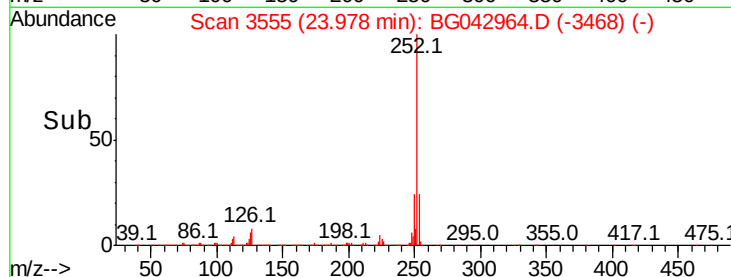
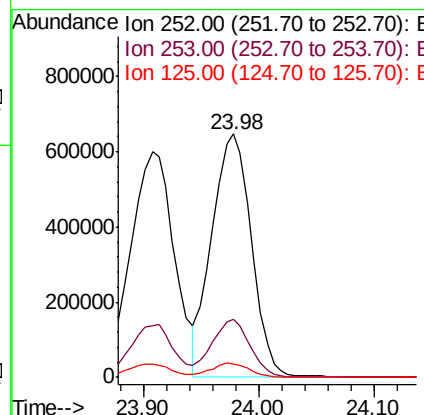
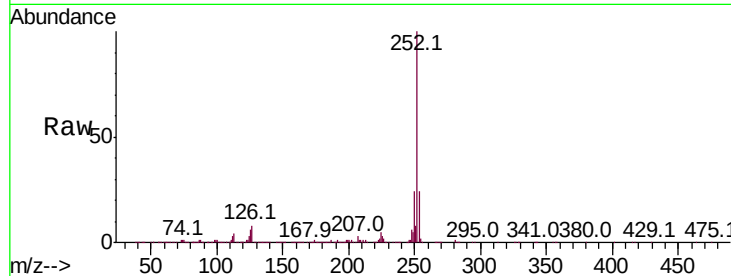
#89
Benzo(k)fluoranthene
Concen: 51.989 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.9	28.3
125	5.6	4.5	6.7

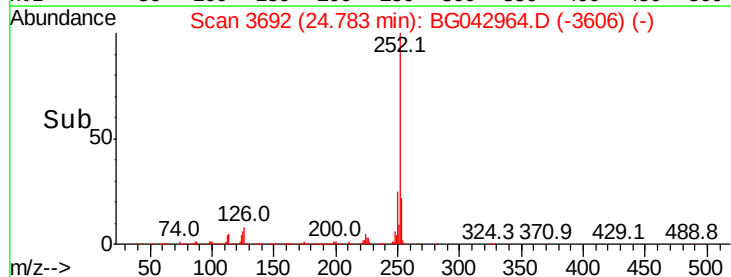
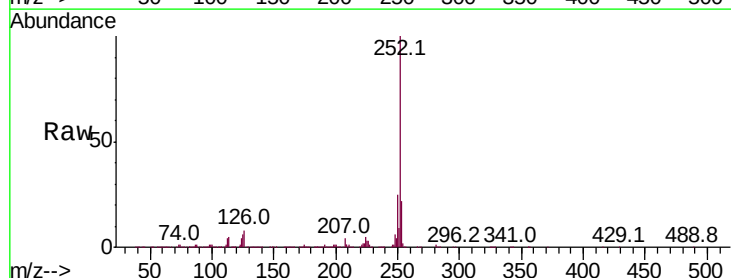
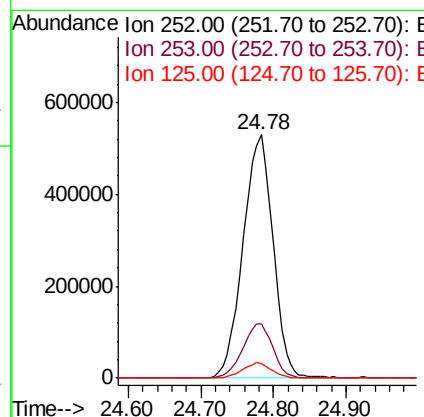
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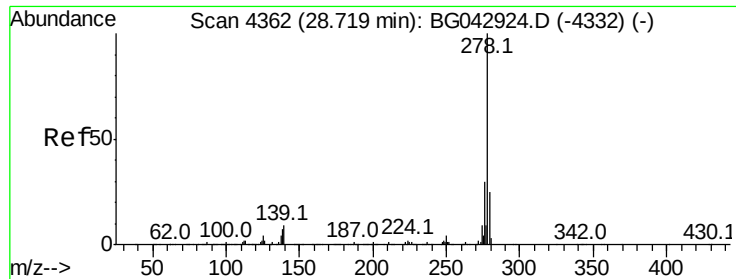
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#90
Benzo(a)pyrene
Concen: 54.076 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	6.1	5.0	7.6





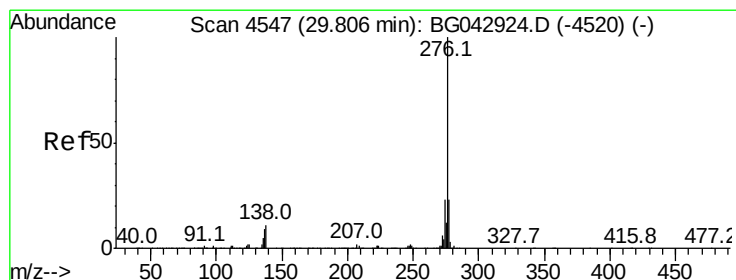
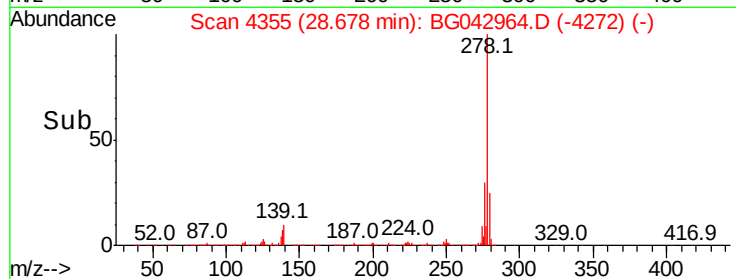
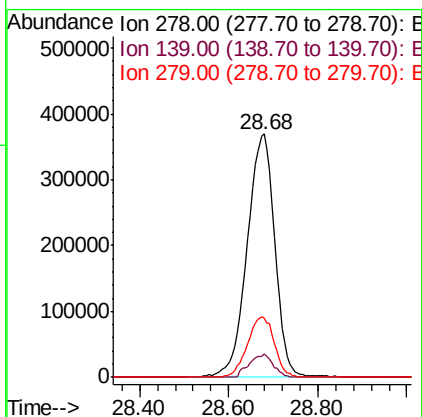
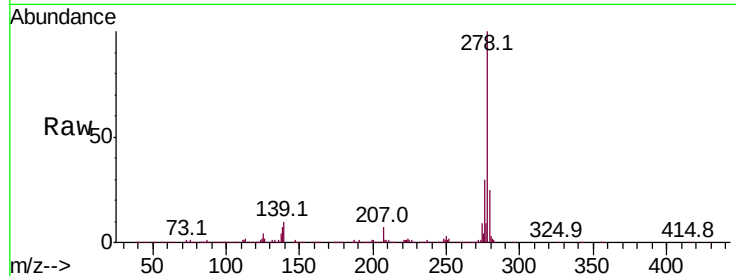
#91
Dibenzo(a,h)anthracene
Concen: 54.219 ng
RT: 28.68 min Scan# 4355
Delta R.T. -0.04 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Instrument :
BNA_G
ClientSampleId :
BU-02-092419MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	6.8	10.2
279	24.5	20.1	30.1

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#92
Benzo(g,h,i)perylene
Concen: 55.511 ng
RT: 29.75 min Scan# 4538
Delta R.T. -0.05 min
Lab File: BG042964.D
Acq: 1 Oct 2019 5:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.4	27.6
138	11.4	8.6	12.8

