

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
 Data File : BG041283.D
 Acq On : 17 Jun 2019 22:51
 Operator : HP/JU
 Sample : K3154-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-AMS

Manual Integrations
 APPROVED

mohammad
 6/20/2019 10:48:48 AM

Quant Time: Jun 18 13:10:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38143	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	144584	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	103167	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	259921	20.00	ng	0.00
76) Chrysene-d12	21.74	240	257402	20.00	ng	0.00
87) Perylene-d12	25.05	264	281849	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	274710	132.33	ng	0.00
7) Phenol-d6	7.24	99	357103	118.68	ng	0.00
23) Nitrobenzene-d5	9.26	82	320191	93.14	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	233496	147.42	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	718183	94.62	ng	0.00
79) Terphenyl-d14	20.06	244	1275737	98.22	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	29198	28.049	ng	# 1
3) Pyridine	3.90	79	69379	25.124	ng	96
4) n-Nitrosodimethylamine	3.81	42	52771	35.834	ng	98
6) Aniline	7.41	93	43278	10.347	ng	99
8) 2-Chlorophenol	7.65	128	102990	42.223	ng	97
9) Benzaldehyde	7.22	77	98812	51.341	ng	92
10) Phenol	7.26	94	113503	35.077	ng	96
11) bis(2-Chloroethyl)ether	7.50	93	95881	39.053	ng	99
12) 1,3-Dichlorobenzene	7.97	146	115984	37.976	ng	92
13) 1,4-Dichlorobenzene	8.12	146	119192	38.206	ng	97
14) 1,2-Dichlorobenzene	8.44	146	113988	38.253	ng	95
15) Benzyl Alcohol	8.33	79	114940	39.868	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	153920	38.297	ng	99
17) 2-Methylphenol	8.52	107	93798	40.546	ng	96
18) Hexachloroethane	9.16	117	47322	38.278	ng	100
19) n-Nitroso-di-n-propylamine	8.89	70	94010	38.629	ng	95
20) 3+4-Methylphenols	8.85	107	126596	41.108	ng	96
22) Acetophenone	8.92	105	180426	42.883	ng	98
24) Nitrobenzene	9.31	77	151092	43.699	ng	98
25) Isophorone	9.82	82	266646	42.276	ng	98
26) 2-Nitrophenol	10.01	139	62245	44.405	ng	97
27) 2,4-Dimethylphenol	10.06	122	101330	48.225	ng	95
28) bis(2-Chloroethoxy)methane	10.30	93	140342	42.704	ng	96
29) 2,4-Dichlorophenol	10.55	162	122077	46.857	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	140392	42.075	ng	96
31) Naphthalene	10.95	128	349789	44.514	ng	98
32) Benzoic acid	10.17	122	16892	12.350	ng	# 83
33) 4-Chloroaniline	11.08	127	10033	3.006	ng	96
34) Hexachlorobutadiene	11.21	225	107214	40.480	ng	98
35) Caprolactam	11.86	113	27678m	30.859	ng	
36) 4-Chloro-3-methylphenol	12.18	107	136430	45.336	ng	99
37) 2-Methylnaphthalene	12.55	142	257457	44.485	ng	96
38) 1-Methylnaphthalene	12.77	142	245098	44.263	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	194627	45.686	ng	99

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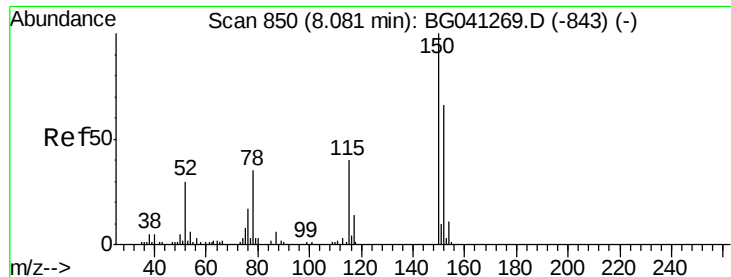
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	181733	63.332	nq	98
43) 2,4,6-Trichlorophenol	13.16	196	119078	45.185	nq	96
44) 2,4,5-Trichlorophenol	13.23	196	125348	46.227	nq	97
46) 1,1'-Biphenyl	13.55	154	350880	44.988	nq	100
47) 2-Chloronaphthalene	13.60	162	291363	43.391	nq	99
48) 2-Nitroaniline	13.81	65	104320	42.420	nq	96
49) Acenaphthylene	14.44	152	454028	44.559	nq	99
50) Dimethylphthalate	14.17	163	377195	41.092	nq	99
51) 2,6-Dinitrotoluene	14.30	165	84782	43.803	nq	94
52) Acenaphthene	14.79	154	262302	43.839	nq	99
53) 3-Nitroaniline	14.64	138	22704	11.906	nq	96
54) 2,4-Dinitrophenol	14.84	184	53506	40.963	nq	98
55) Dibenzofuran	15.11	168	463771	44.580	nq	98
56) 4-Nitrophenol	14.94	139	112087	77.478	nq	99
57) 2,4-Dinitrotoluene	15.09	165	122037	43.133	nq	# 99
58) Fluorene	15.76	166	361208	44.138	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	127983	45.642	nq	# 96
60) Diethylphthalate	15.52	149	388347	41.623	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	226926	42.619	nq	98
62) 4-Nitroaniline	15.80	138	73160	35.871	nq	97
63) Azobenzene	16.04	77	370880	44.558	nq	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	47363	28.074	nq	92
66) n-Nitrosodiphenylamine	15.97	169	329084	47.683	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	152467	45.365	nq	93
68) Hexachlorobenzene	16.76	284	154111	42.821	nq	98
70) Pentachlorophenol	17.11	266	158990	86.274	nq	99
71) Phenanthrene	17.51	178	624794	45.071	nq	100
72) Anthracene	17.60	178	635819	46.524	nq	99
73) Carbazole	17.87	167	548083	45.844	nq	99
74) Di-n-butylphthalate	18.40	149	650205	43.587	nq	100
75) Fluoranthene	19.51	202	811465	44.062	nq	98
77) Benzidine	19.69	184	133553	21.451	nq	96
78) Pyrene	19.87	202	814030	46.893	nq	99
80) Butylbenzylphthalate	20.74	149	294735	44.887	nq	95
81) Benzo(a)anthracene	21.72	228	796729	45.714	nq	100
82) 3,3'-Dichlorobenzidine	21.63	252	84288	13.777	nq	99
83) Chrysene	21.79	228	770859	45.992	nq	100
84) Bis(2-ethylhexyl)phthalate	21.58	149	408519	45.653	nq	98
85) Di-n-octyl phthalate	22.82	149	700098	46.244	nq	100
86) Indeno(1,2,3-cd)pyrene	28.86	276	905913	45.557	nq	99
88) Benzo(b)fluoranthene	23.99	252	768275	43.984	nq	98
89) Benzo(k)fluoranthene	24.06	252	773543	44.704	nq	98
90) Benzo(a)pyrene	24.89	252	767092	46.501	nq	99
91) Dibenzo(a,h)anthracene	28.92	278	744796	44.846	nq	98
92) Benzo(g,h,i)perylene	30.06	276	741001	45.149	nq	96

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



#1

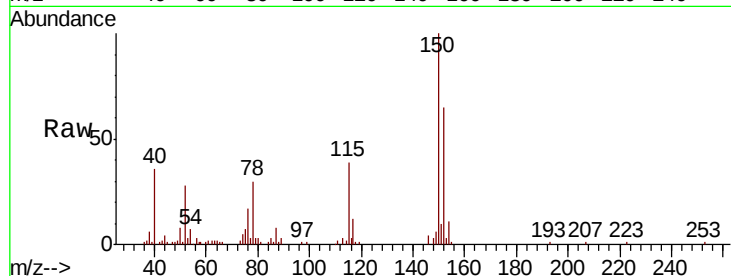
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
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JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	120.6	181.0
115	60.6	47.9	71.9

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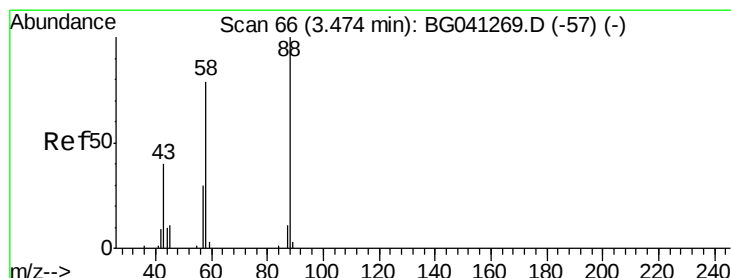
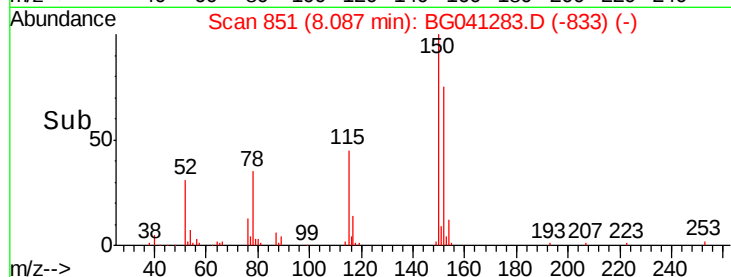
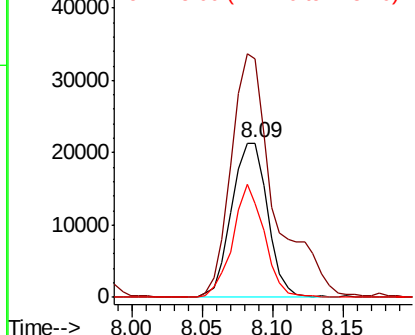


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

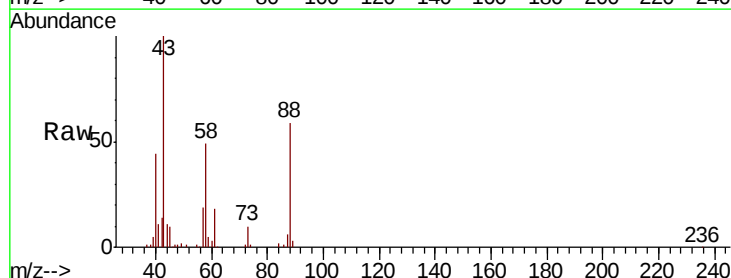
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.049 ng
RT: 3.49 min Scan# 68
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	59.7	89.5
43	216.7	31.9	47.9#

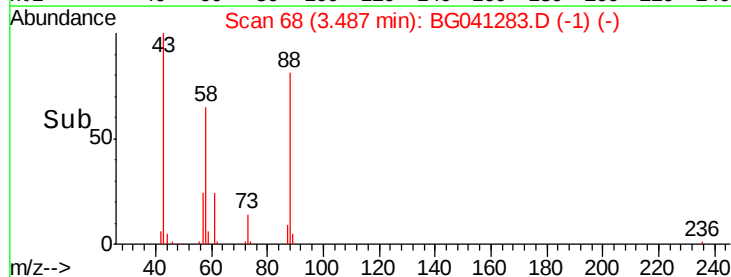
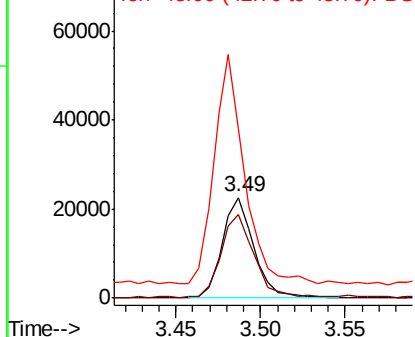


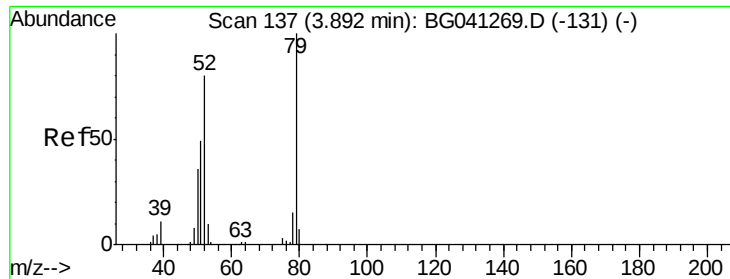
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 25.124 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.01 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

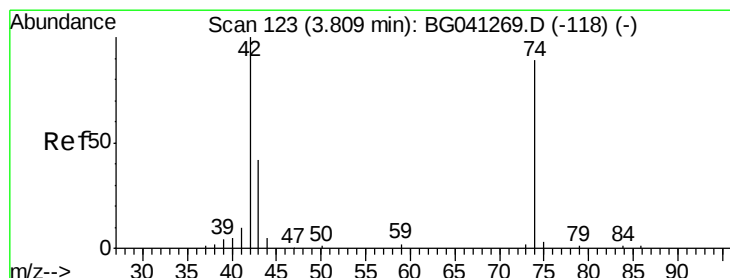
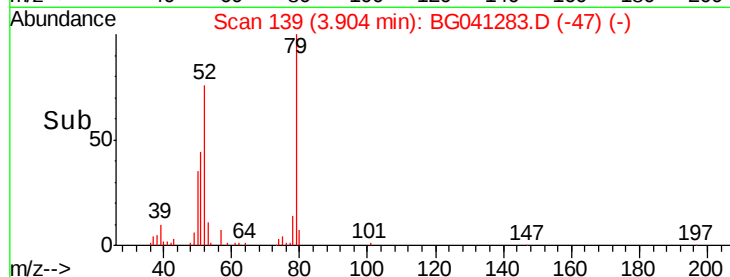
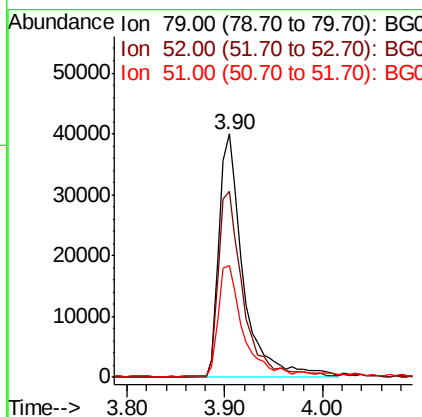
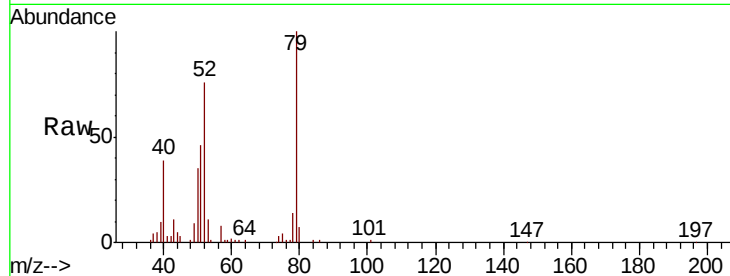
ClientSampleId :

JC-02-061419-AMS

Tot Ion:	79	Resp:	69379
Ion	Ratio	Lower	Upper
79	100		
52	76.4	63.6	95.4
51	45.8	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 35.834 ng

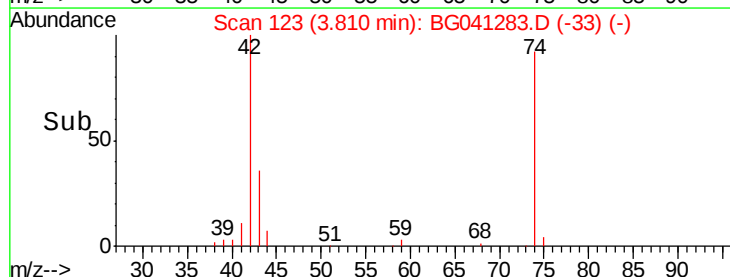
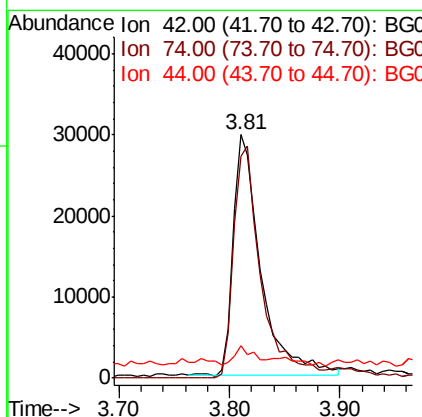
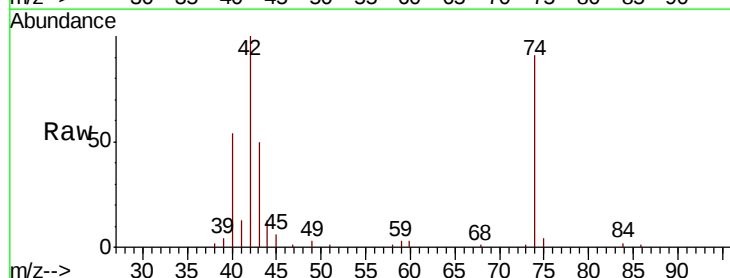
RT: 3.81 min Scan# 123

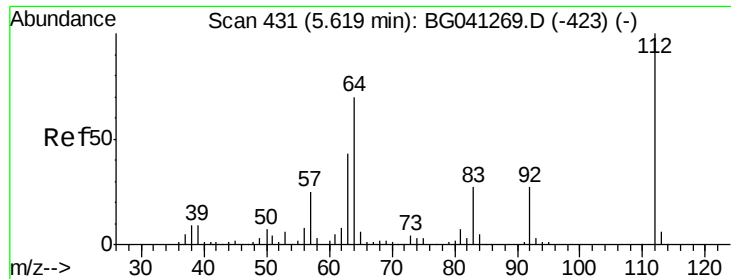
Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Tgt Ion:	42	Resp:	52771
Ion	Ratio	Lower	Upper
42	100		
74	91.2	71.6	107.4
44	13.3	9.0	13.4





#5

2-Fluorophenol

Concen: 132.333 ng

RT: 5.63 min Scan# 432

Delta R.T. 0.01 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

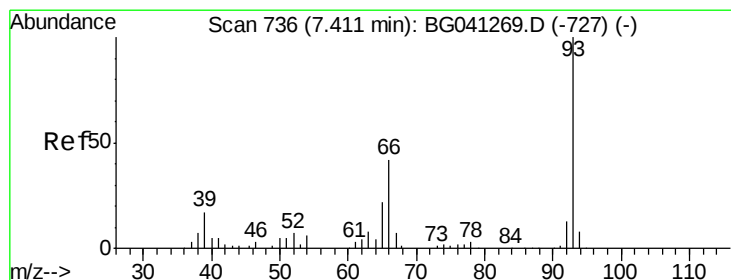
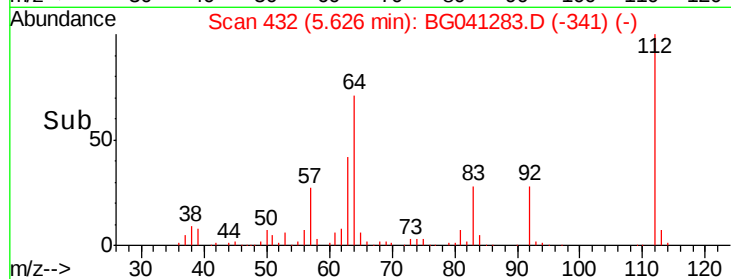
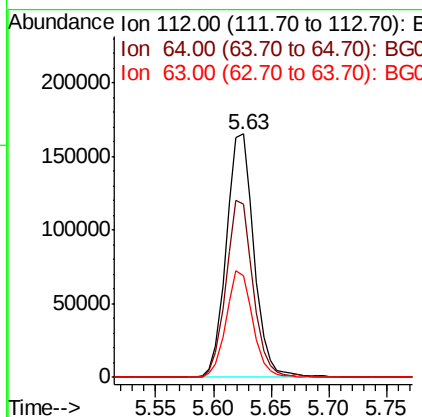
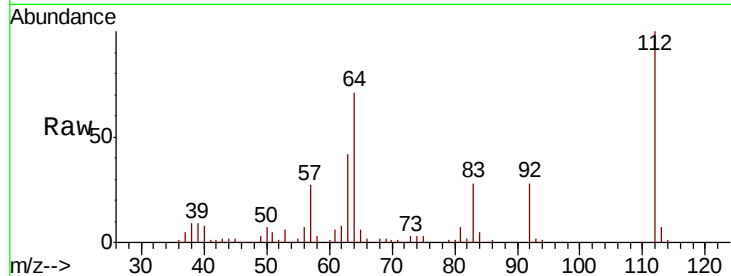
ClientSampleId :

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Tot Ion:	112	Resp:	274710
Ion Ratio	Lower	Upper	
112	100		
64	71.4	55.9	83.9
63	42.0	34.6	51.8

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#6

Aniline

Concen: 10.347 ng

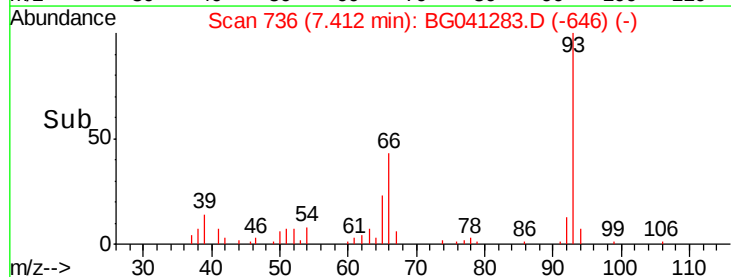
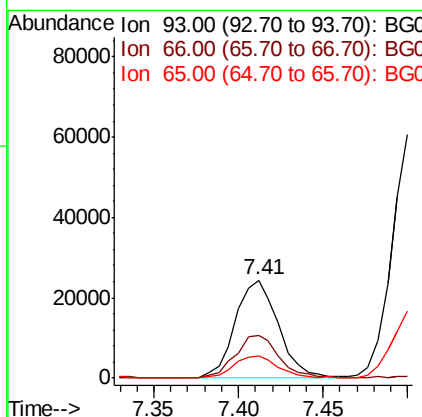
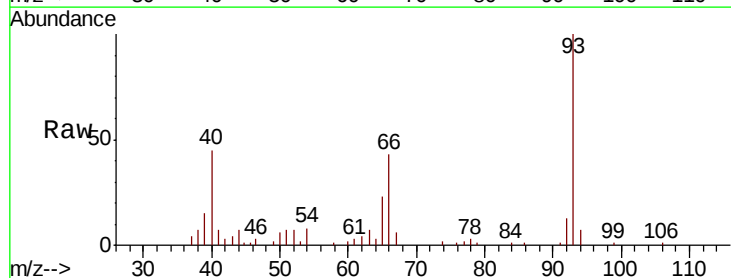
RT: 7.41 min Scan# 736

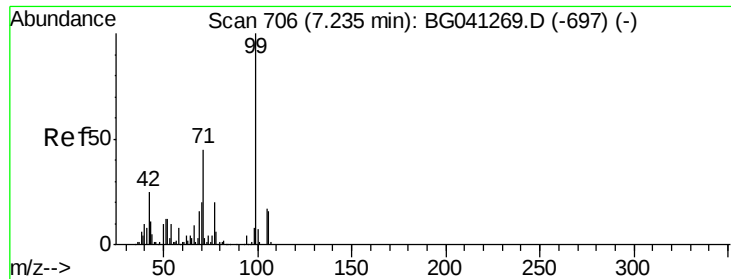
Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Tgt Ion:	93	Resp:	43278
Ion Ratio	Lower	Upper	
93	100		
66	43.3	34.2	51.2
65	22.9	17.7	26.5





#7

Phenol-d6

Concen: 118.676 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

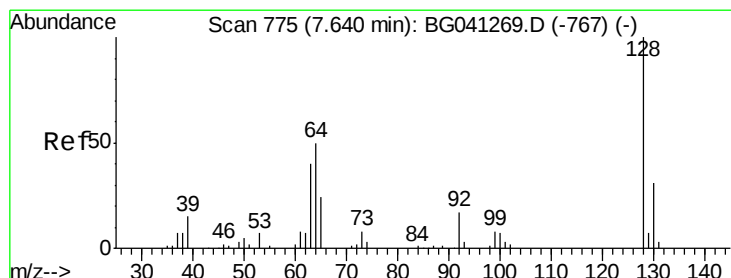
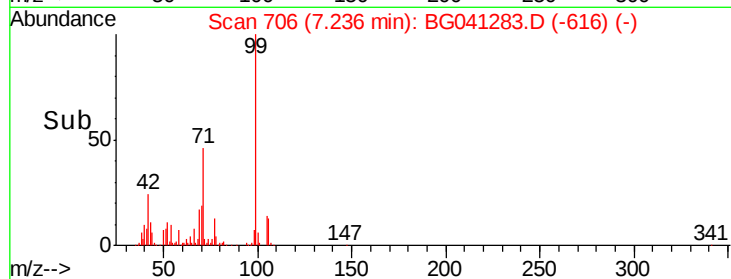
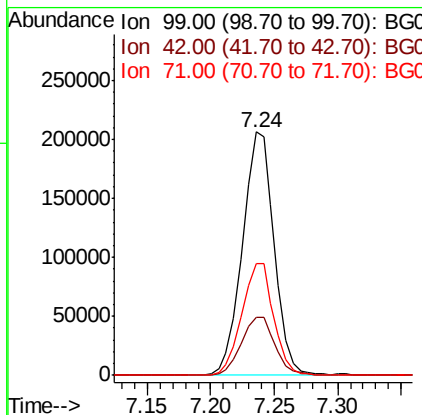
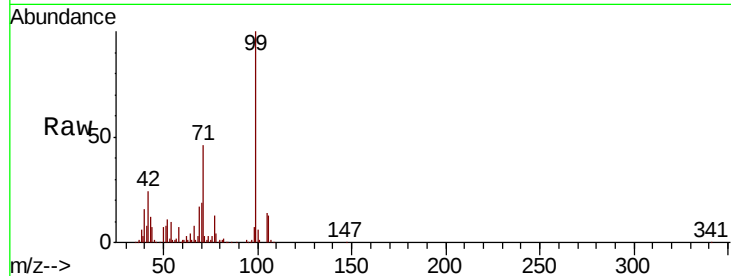
ClientSampleId :

JC-02-061419-AMS

Tot Ion:	99	Resp:	357103
Ion Ratio	Lower	Upper	
99	100		
42	23.9	19.9	29.9
71	45.9	36.4	54.6

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#8

2-Chlorophenol

Concen: 42.223 ng

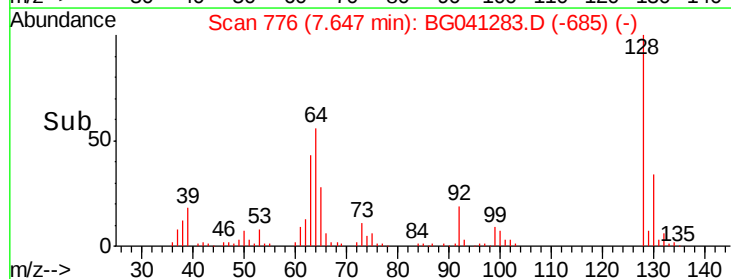
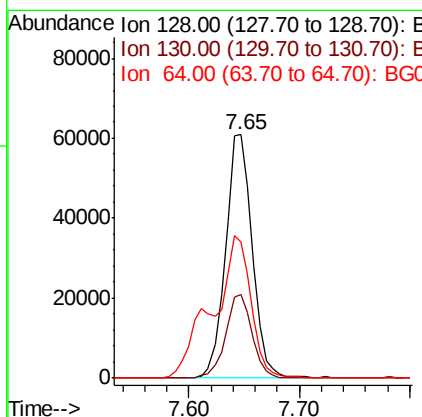
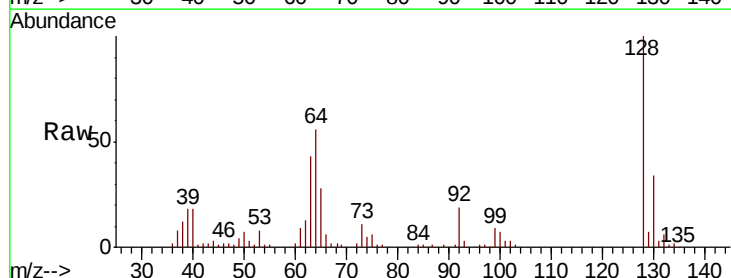
RT: 7.65 min Scan# 776

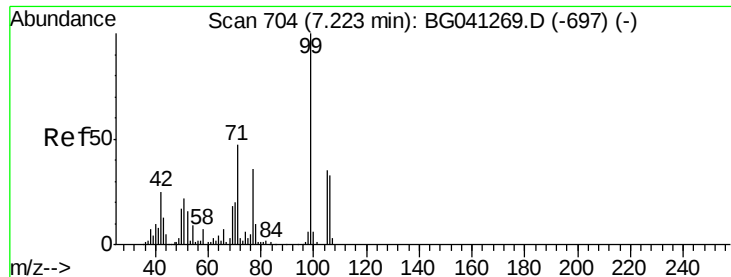
Delta R.T. 0.01 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Tgt Ion:	128	Resp:	102990
Ion Ratio	Lower	Upper	
128	100		
130	34.1	11.1	51.1
64	55.8	36.6	76.6





#9

Benzaldehyde

Concen: 51.341 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-AMS

Tot Ion: 77 Resp: 98812

Ion Ratio Lower Upper

77 100

105 90.3 78.7 118.7

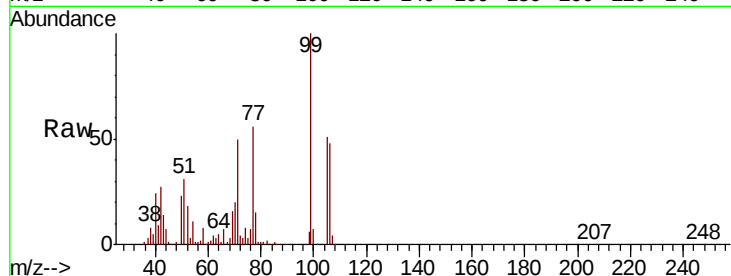
106 84.7 71.1 111.1

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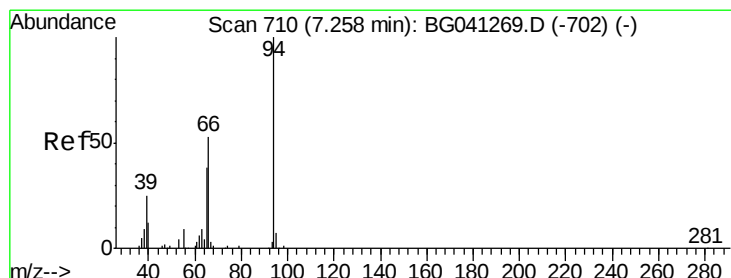
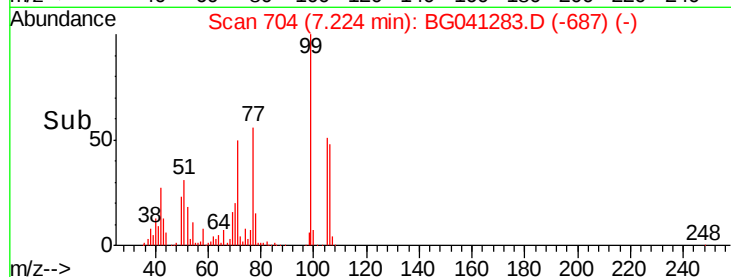
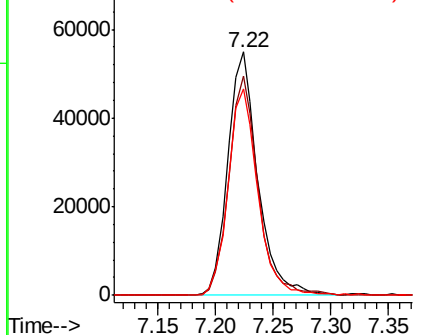
6/20/2019 10:48:48 AM



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 35.077 ng

RT: 7.26 min Scan# 711

Delta R.T. 0.01 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

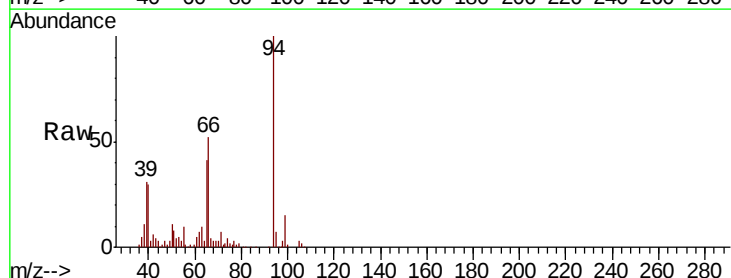
Tgt Ion: 94 Resp: 113503

Ion Ratio Lower Upper

94 100

65 41.0 18.7 58.7

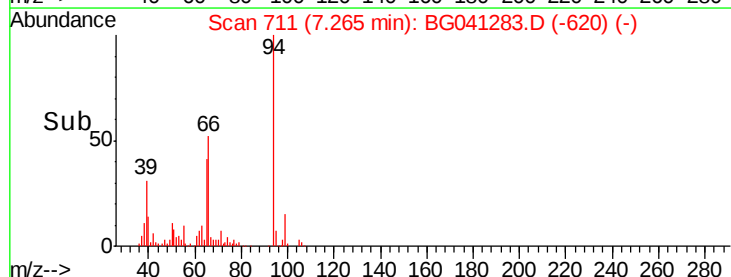
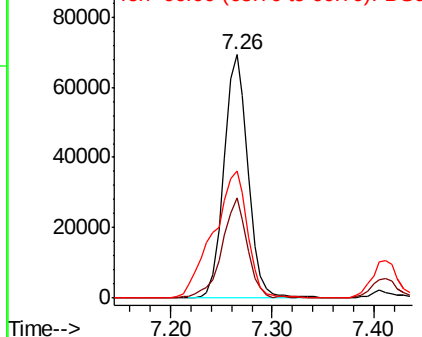
66 52.4 35.5 75.5

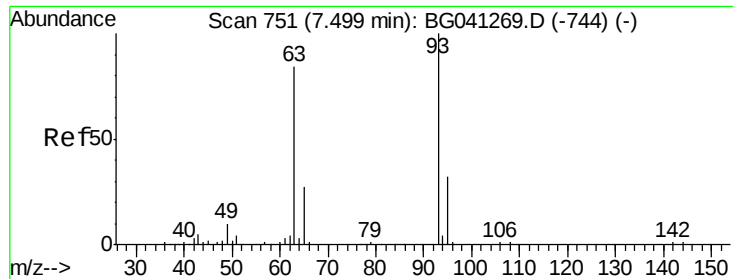


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

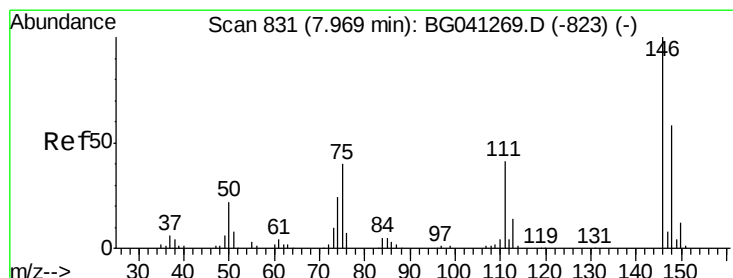
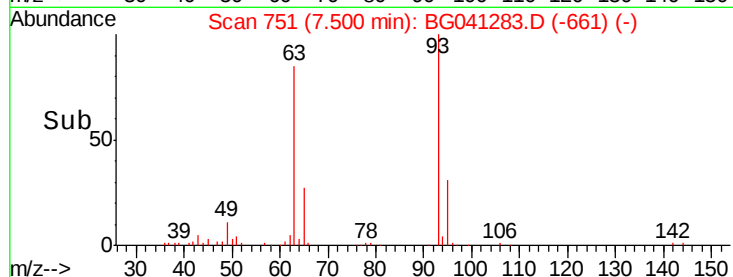
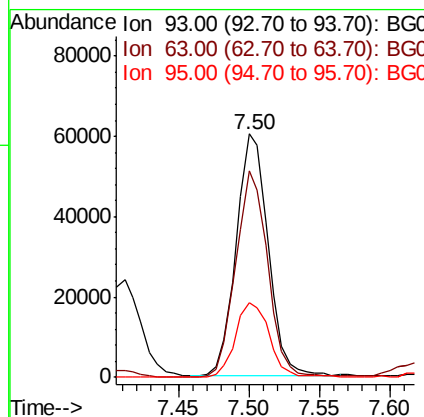
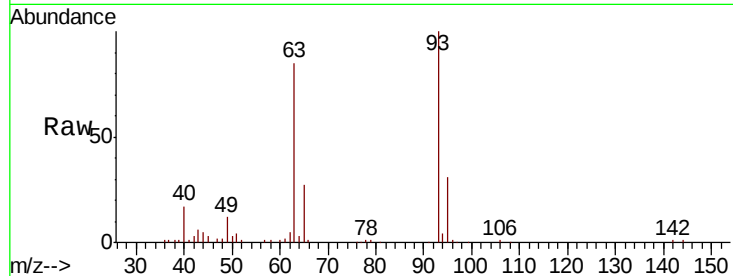
bis(2-Chloroethyl)ether
Concen: 39.053 ng
RT: 7.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion:	93	Resp:	95881
Ion	Ratio	Lower	Upper
93	100		
63	84.8	63.6	103.6
95	30.6	11.2	51.2

Manual Integrations
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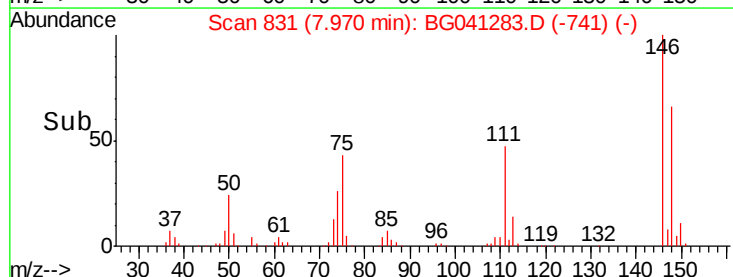
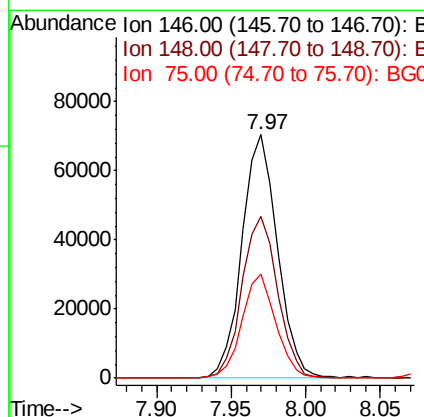
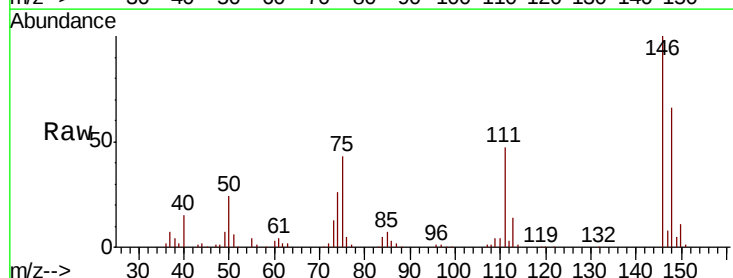
mohammad
6/20/2019 10:48:48 AM

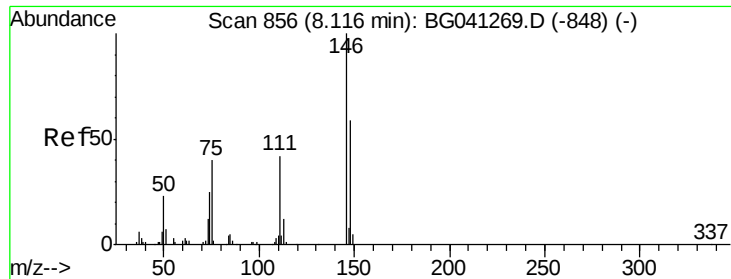


#12

1,3-Dichlorobenzene
Concen: 37.976 ng
RT: 7.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion:	146	Resp:	115984
Ion	Ratio	Lower	Upper
146	100		
148	66.4	46.5	69.7
75	42.5	32.2	48.4





#13

1,4-Dichlorobenzene

Concen: 38.206 ng

RT: 8.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

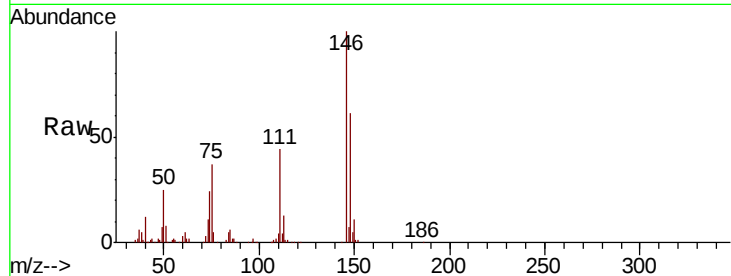
ClientSampleId :

JC-02-061419-AMS

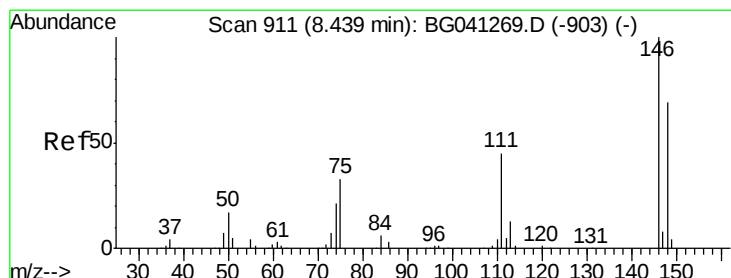
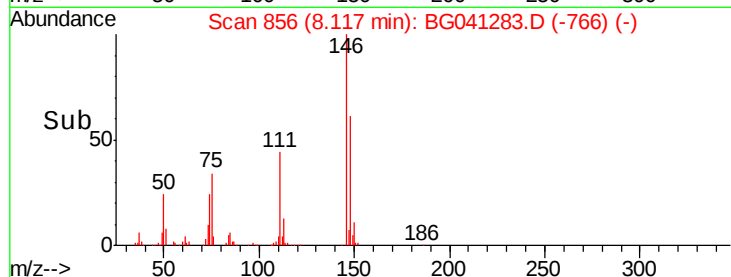
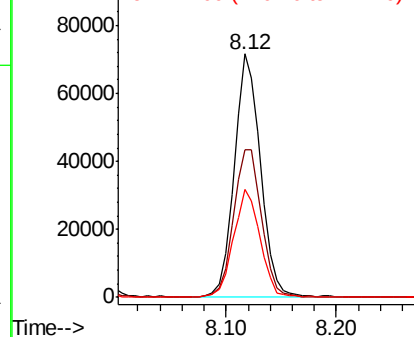
Tot Ion:146	Resp:	119192
Ion Ratio	Lower	Upper
146 100		
148 60.8	47.3	70.9
111 44.1	33.4	50.0

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



#14

1,2-Dichlorobenzene

Concen: 38.253 ng

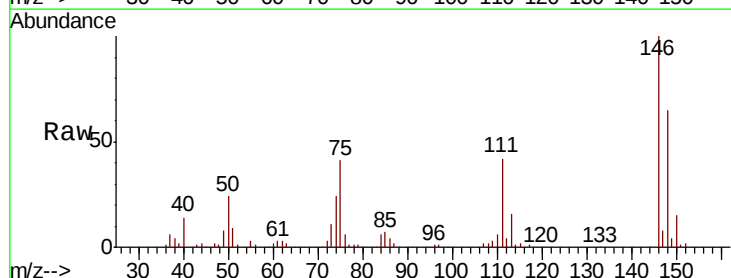
RT: 8.44 min Scan# 911

Delta R.T. 0.00 min

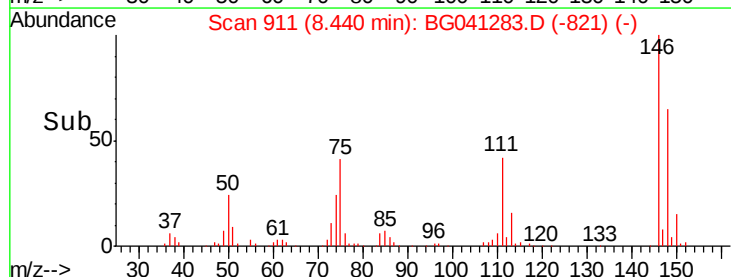
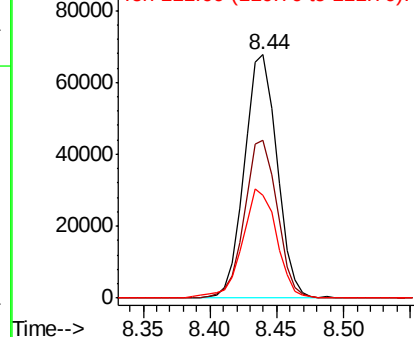
Lab File: BG041283.D

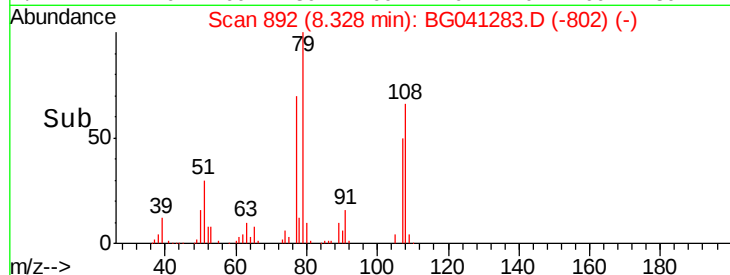
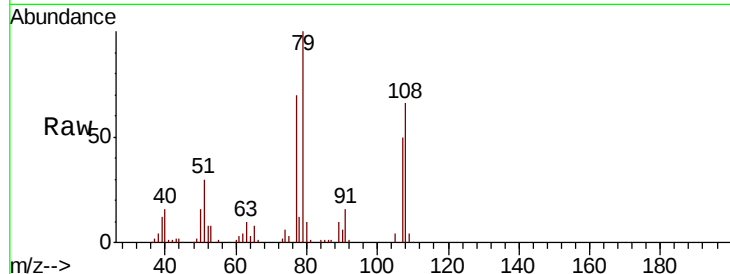
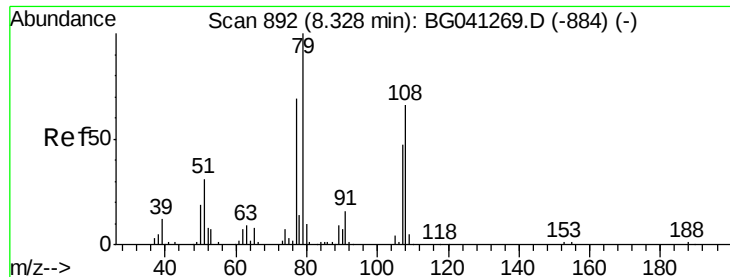
Acq: 17 Jun 2019 22:51

Tgt Ion:146	Resp:	113988
Ion Ratio	Lower	Upper
146 100		
148 64.9	54.9	82.3
111 42.4	37.0	55.6



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





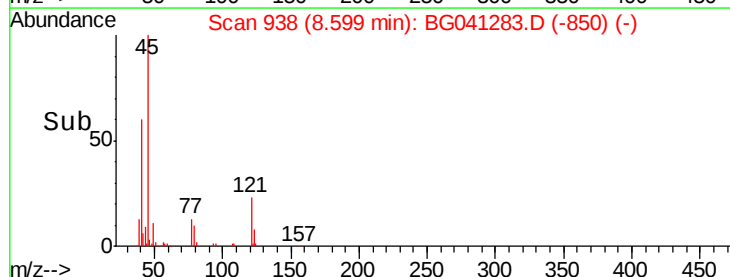
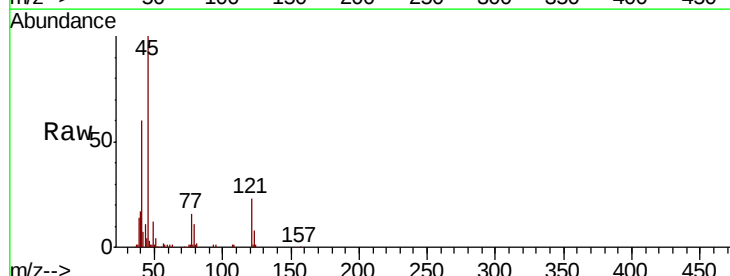
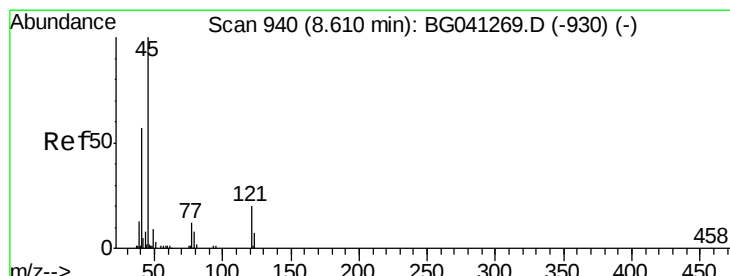
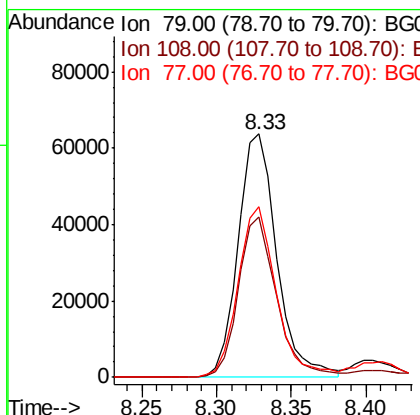
#15
Benzyl Alcohol
Concen: 39.868 ng
RT: 8.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.9	52.7	79.1
77	69.8	55.2	82.8

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

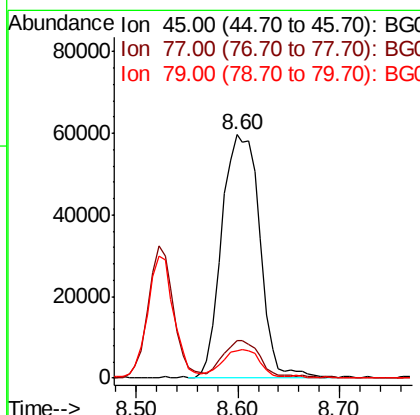
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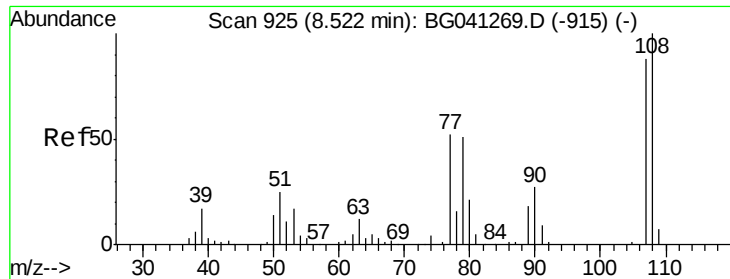
mohammad
6/20/2019 10:48:48 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.297 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.2
79	11.3	0.0	31.6





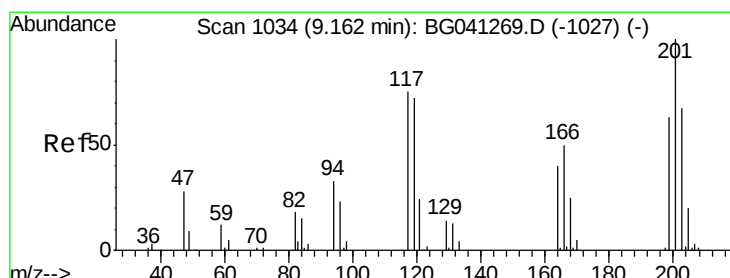
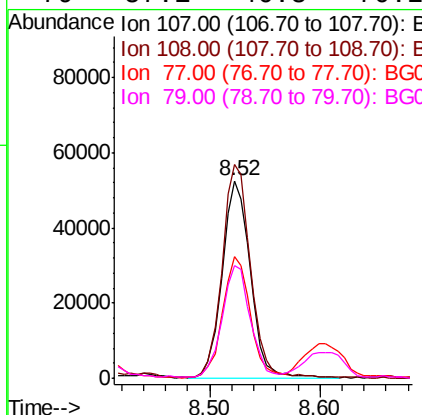
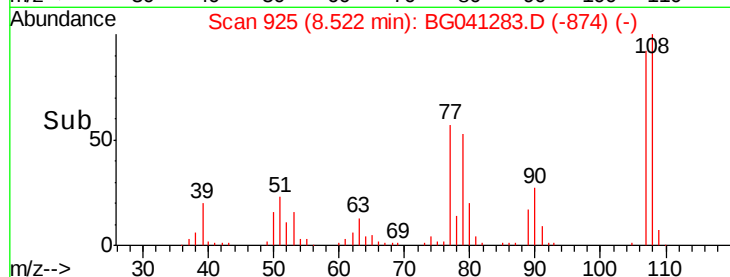
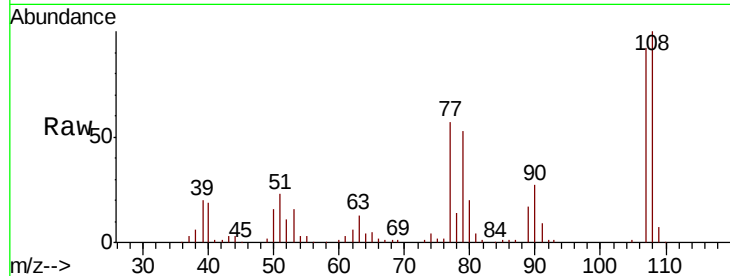
#17
2-Methylphenol
Concen: 40.546 ng
RT: 8.52 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	107	Resp	93798
Ion	Ratio	Lower	Upper
107	100		
108	108.2	91.7	137.5
77	61.6	47.8	71.8
79	57.1	46.8	70.2

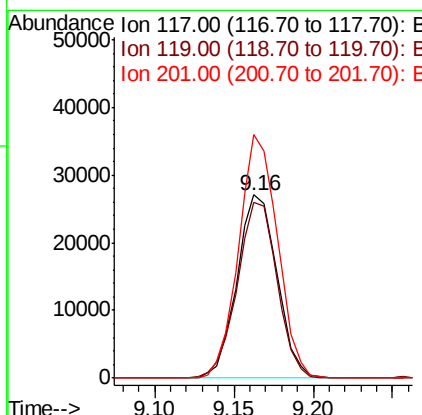
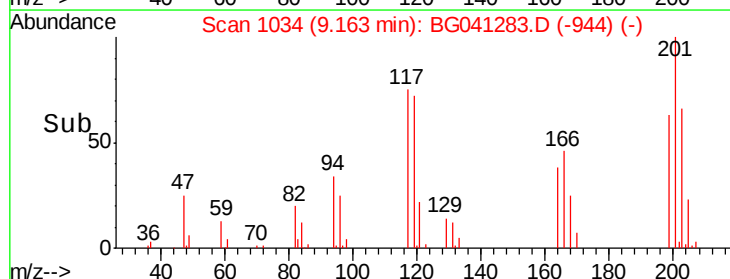
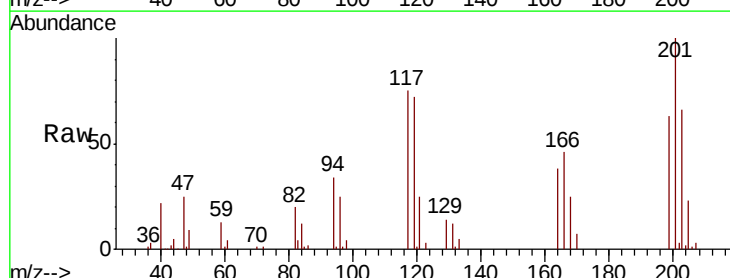
Manual Integrations
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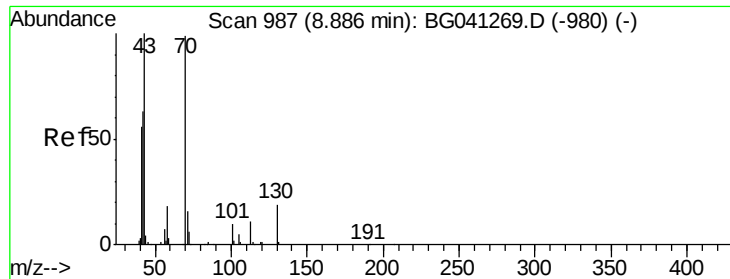
mohammad
6/20/2019 10:48:48 AM



#18
Hexachloroethane
Concen: 38.278 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	117	Resp	47322
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.8	115.2
201	132.9	106.3	159.5





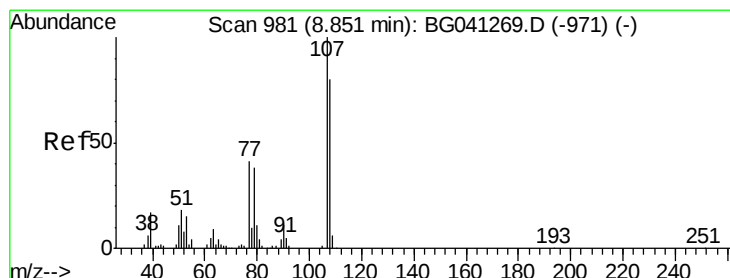
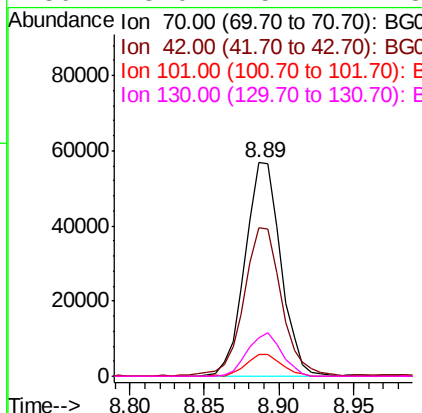
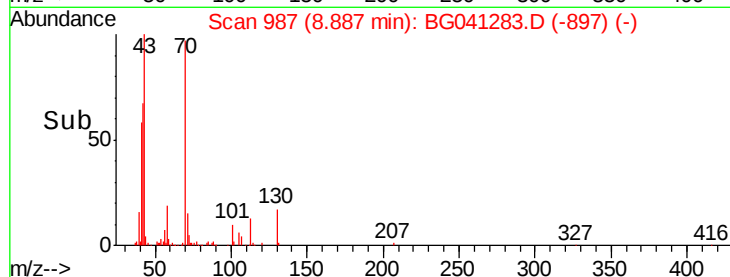
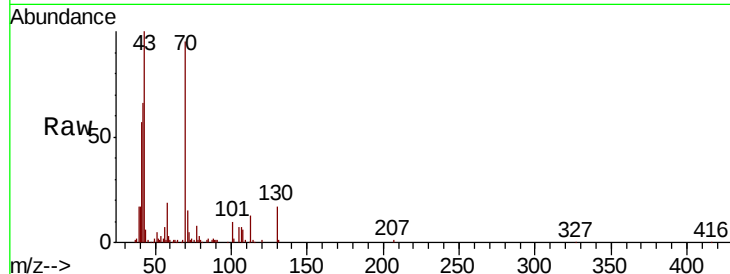
#19
n-Nitroso-di-n-propylamine
Concen: 38.629 ng
RT: 8.89 min Scan# 987
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.6	51.4	77.2	
101	10.3	8.2	12.2	
130	18.0	15.2	22.8	

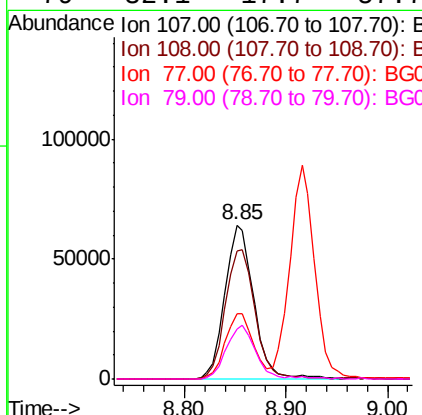
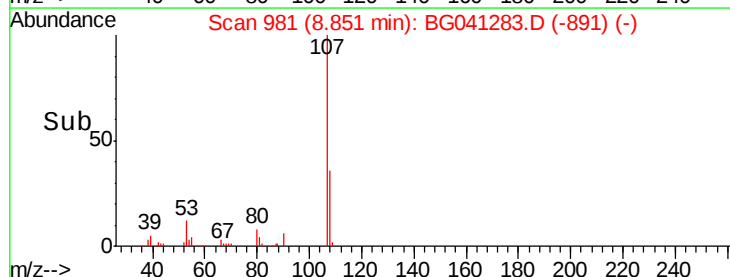
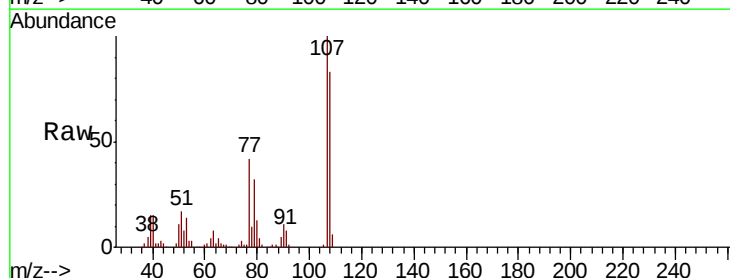
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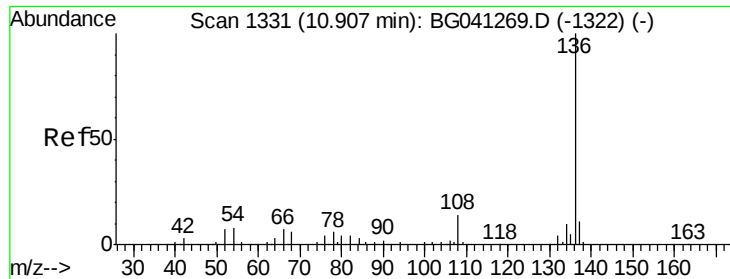
mohammad
6/20/2019 10:48:48 AM



#20
3+4-Methylphenols
Concen: 41.108 ng
RT: 8.85 min Scan# 981
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	83.3	60.4	100.4	
77	42.2	21.2	61.2	
79	32.1	17.7	57.7	





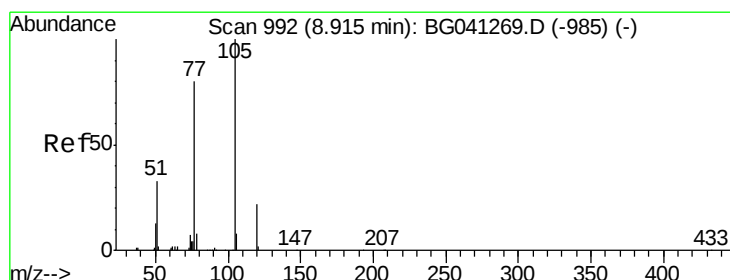
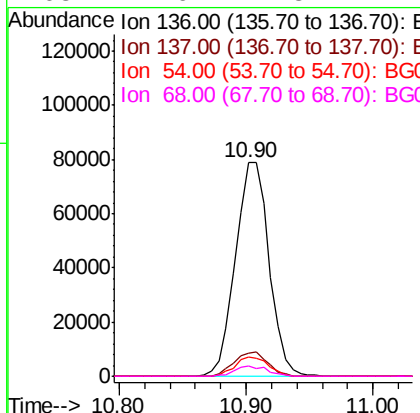
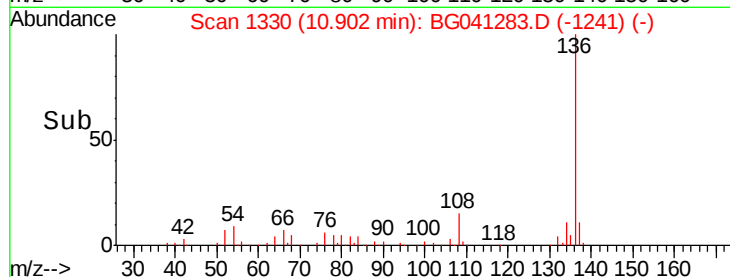
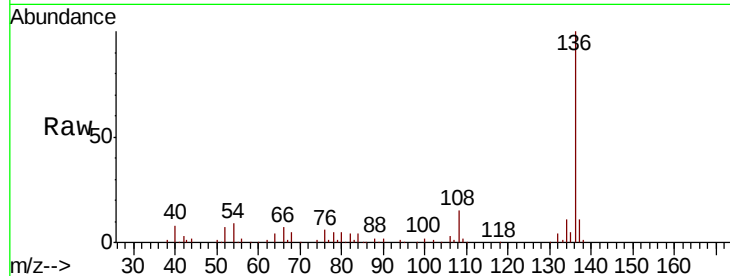
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	144584		
137	11.0	8.8	13.2	
54	8.7	6.4	9.6	
68	4.6	4.8	7.2	

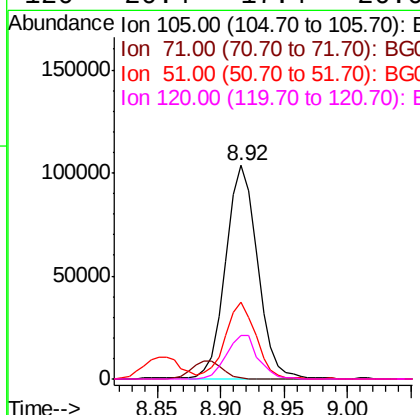
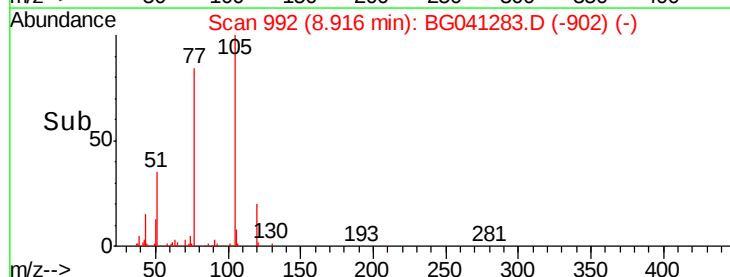
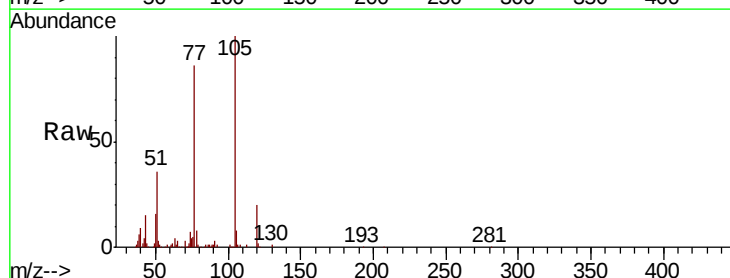
Manual Integrations
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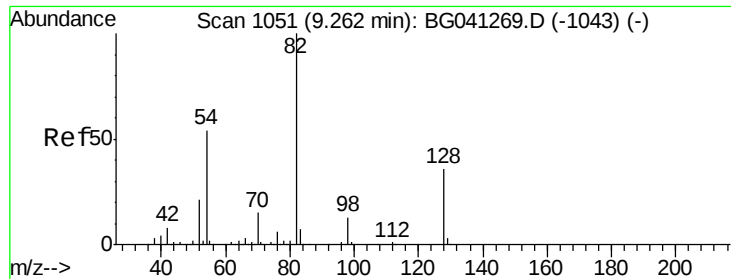
mohammad
6/20/2019 10:48:48 AM



#22
Acetophenone
Concen: 42.883 ng
RT: 8.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180426		
71	0.4	0.4	0.6	
51	35.9	28.2	42.4	
120	20.4	17.4	26.0	





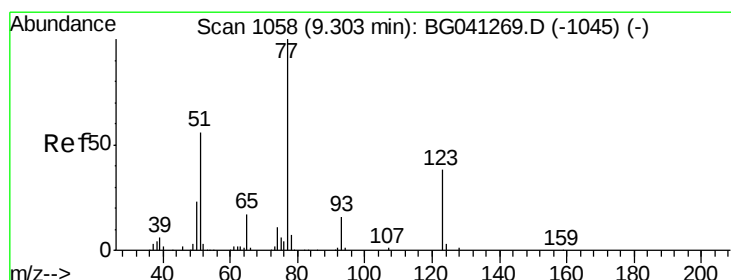
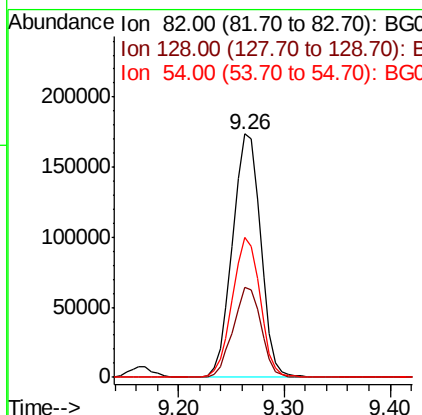
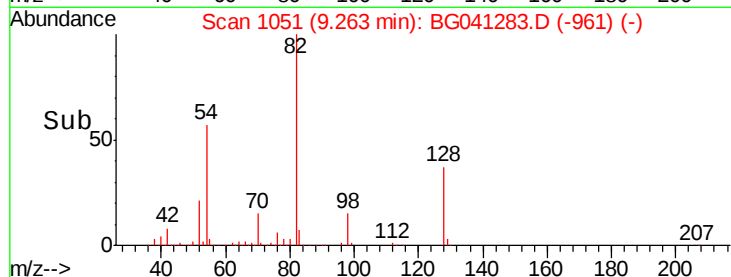
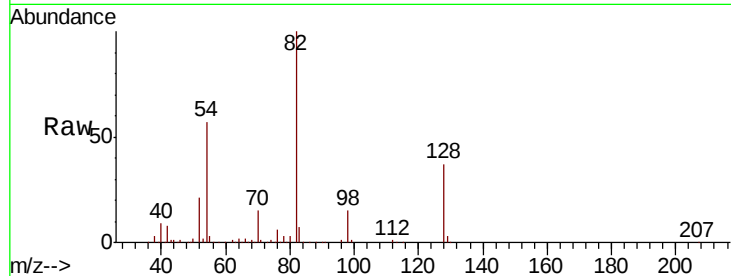
#23
Nitrobenzene-d5
Concen: 93.136 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.1	29.2	43.8	
54	57.4	43.4	65.0	

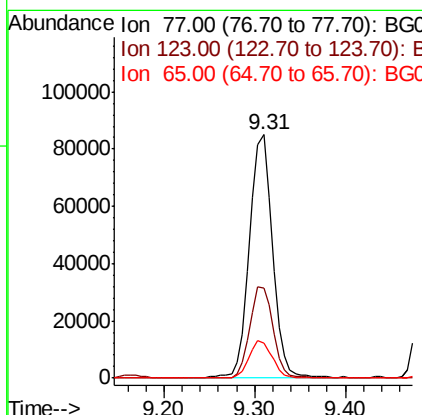
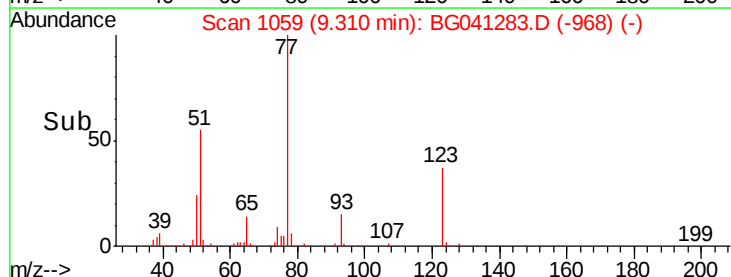
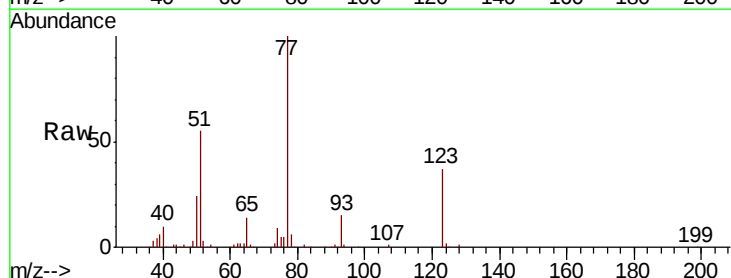
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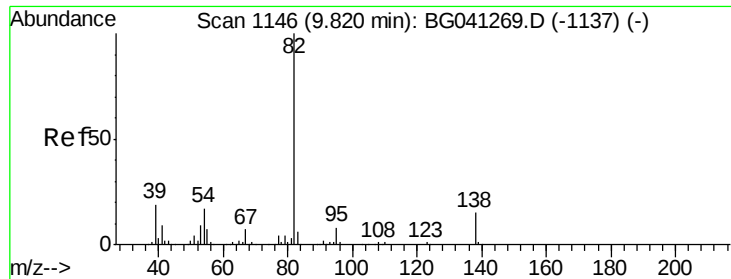
mohammad
6/20/2019 10:48:48 AM



#24
Nitrobenzene
Concen: 43.699 ng
RT: 9.31 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.2	30.4	45.6	
65	14.5	13.3	19.9	





#25

Isophorone

Concen: 42.276 ng

RT: 9.82 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

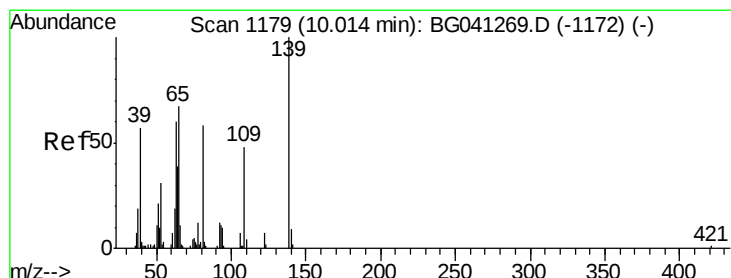
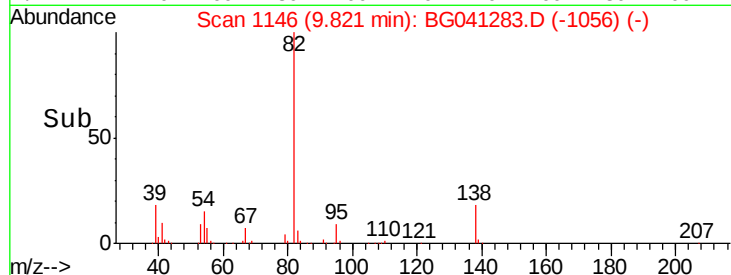
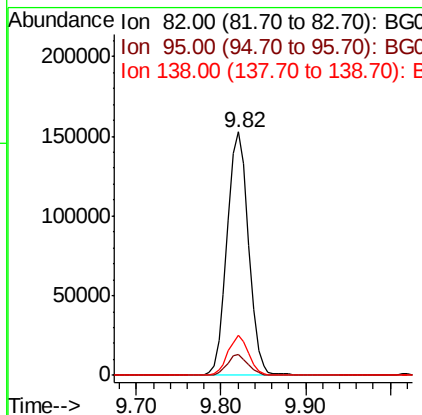
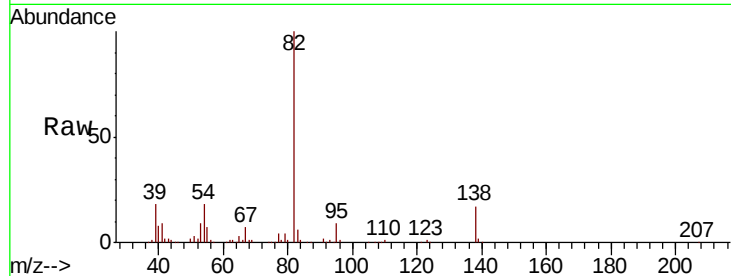
ClientSampleId :

JC-02-061419-AMS

Tot Ion	82	Resp	266646
Ion Ratio	Lower	Upper	
82	100		
95	8.6	6.6	10.0
138	16.7	12.3	18.5

Manual Integrations
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mohammad
6/20/2019 10:48:48 AM



#26

2-Nitrophenol

Concen: 44.405 ng

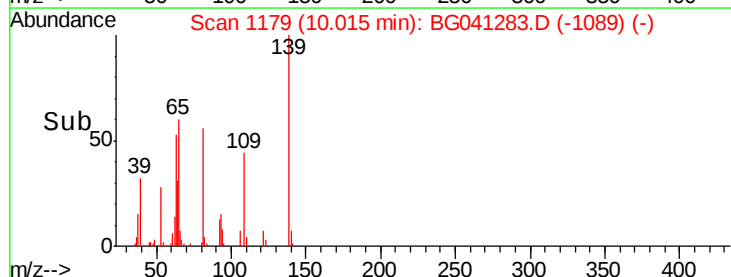
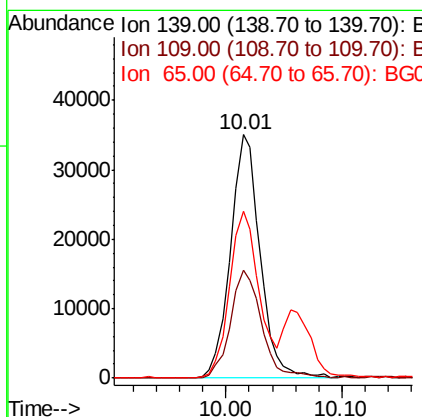
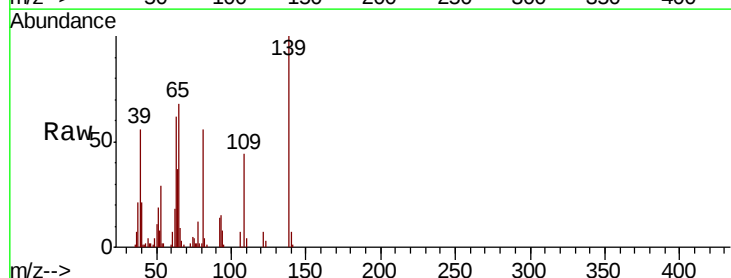
RT: 10.01 min Scan# 1179

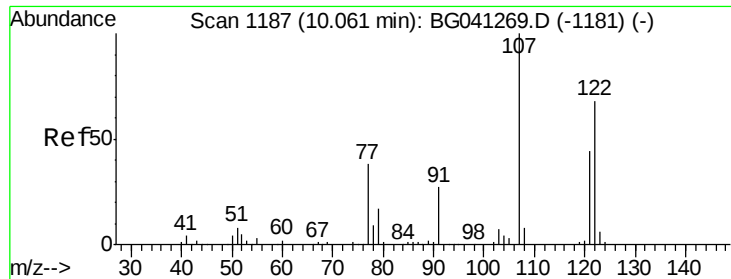
Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Tgt Ion	139	Resp	62245
Ion Ratio	Lower	Upper	
139	100		
109	44.3	38.4	57.6
65	68.3	53.6	80.4





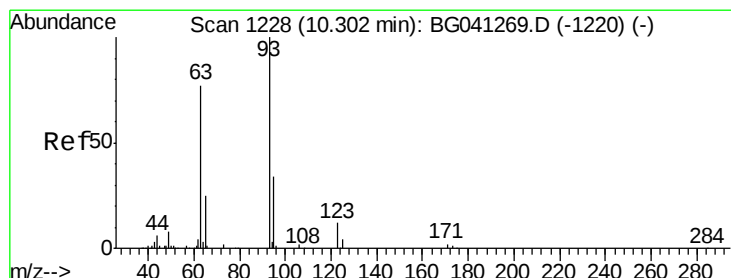
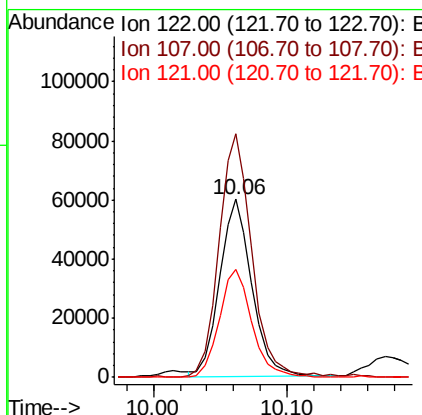
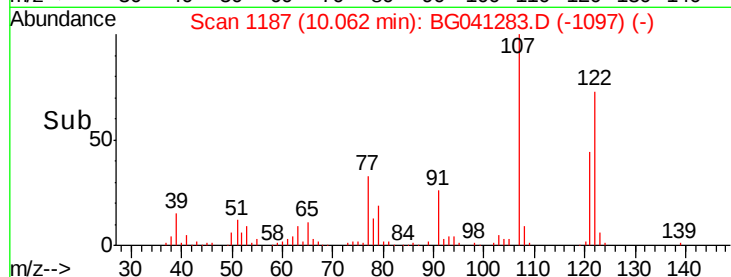
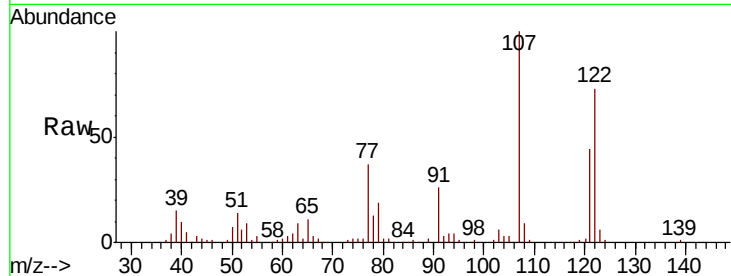
#27
2,4-Dimethylphenol
Concen: 48.225 ng
RT: 10.06 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	136.9	115.1	172.7
121	60.4	50.1	75.1

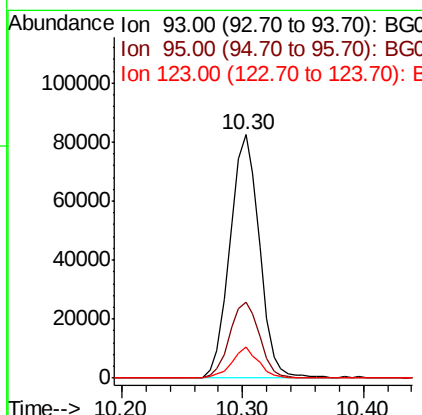
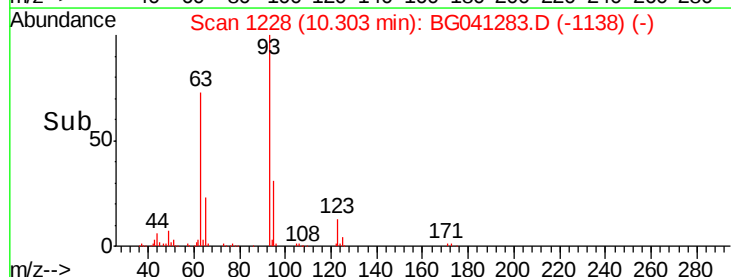
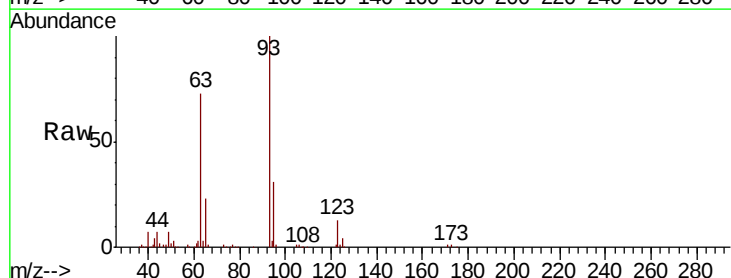
Manual Integrations
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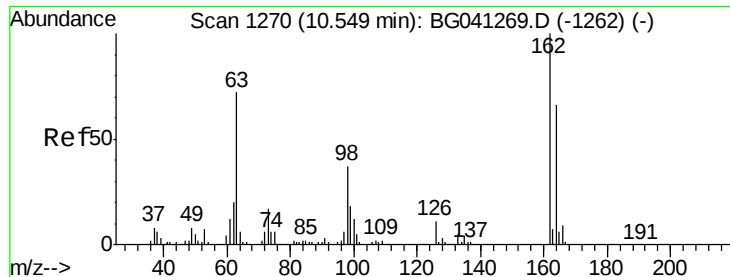
mohammad
6/20/2019 10:48:48 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.704 ng
RT: 10.30 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	27.3	40.9
123	12.9	9.6	14.4





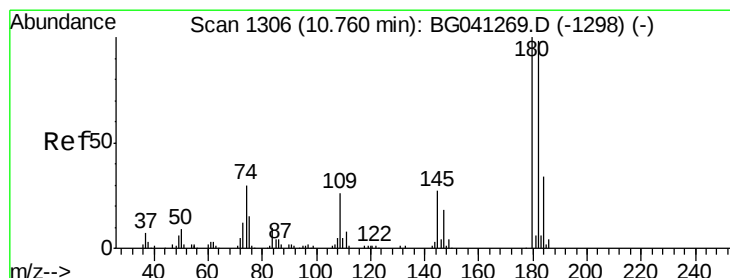
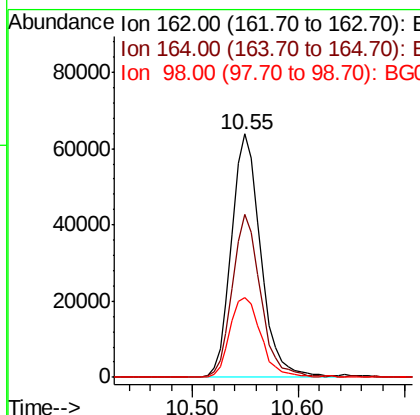
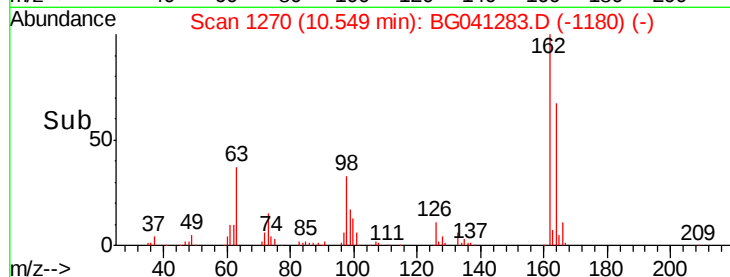
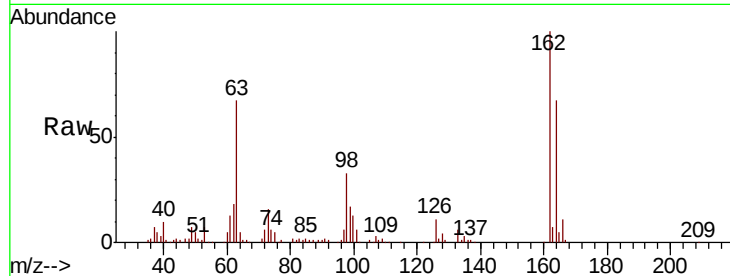
#29
 2,4-Dichlorophenol
 Concen: 46.857 ng
 RT: 10.55 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	122077		
164	66.8	46.0	86.0	
98	33.0	17.4	57.4	

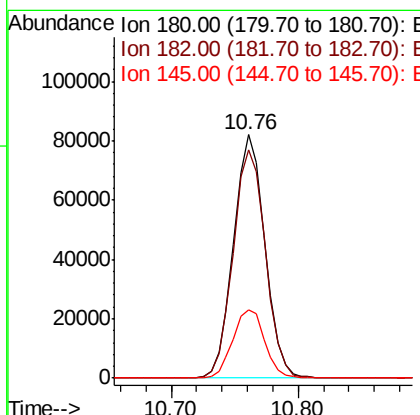
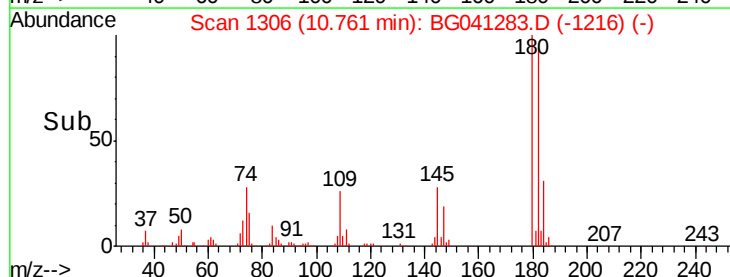
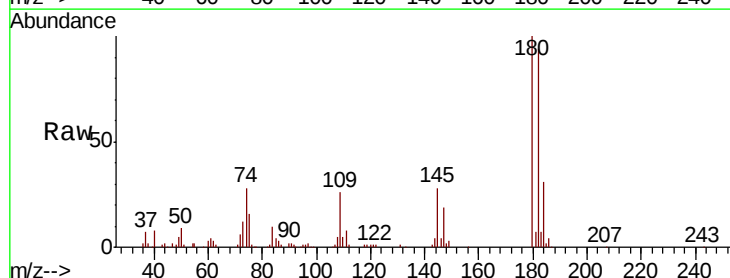
Manual Integrations
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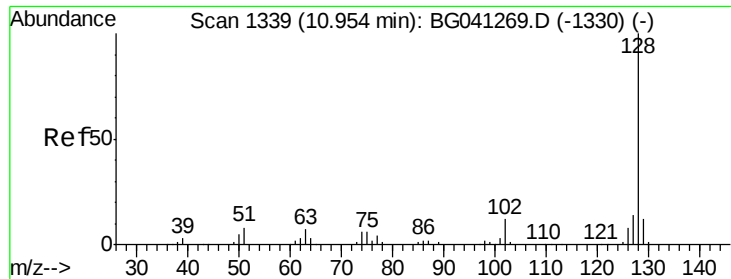
mohammad
 6/20/2019 10:48:48 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.075 ng
 RT: 10.76 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	140392		
182	94.0	78.6	117.8	
145	27.9	21.7	32.5	





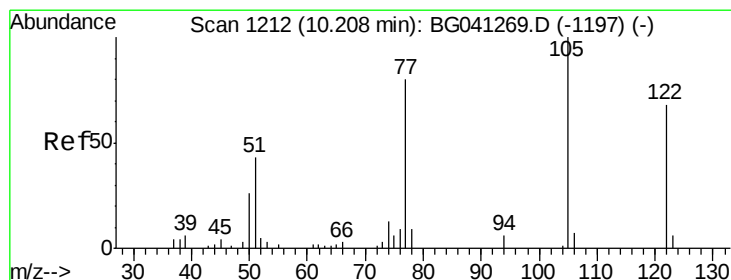
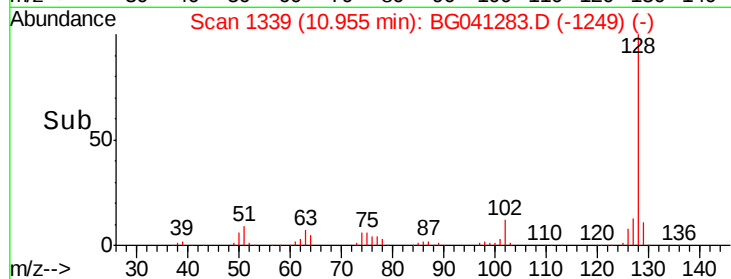
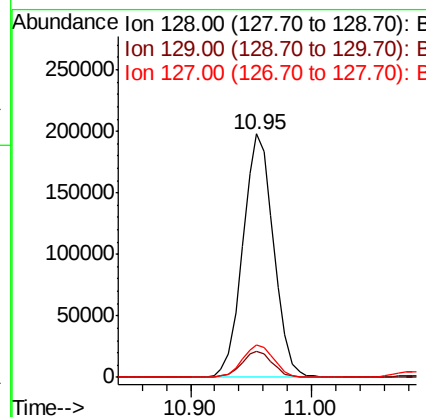
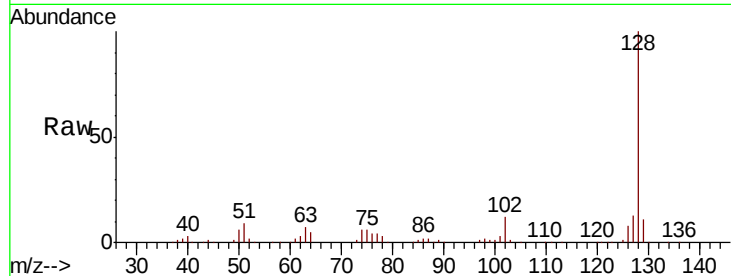
#31
Naphthalene
Concen: 44.514 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.0
127	13.4	11.2	16.8

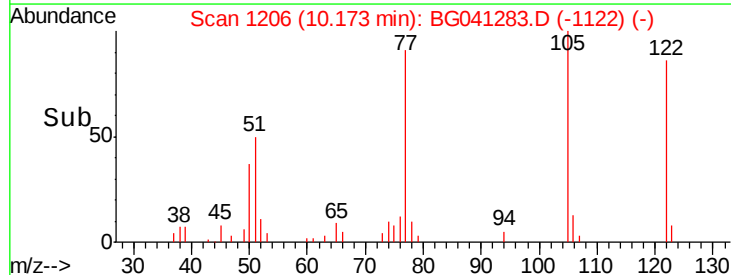
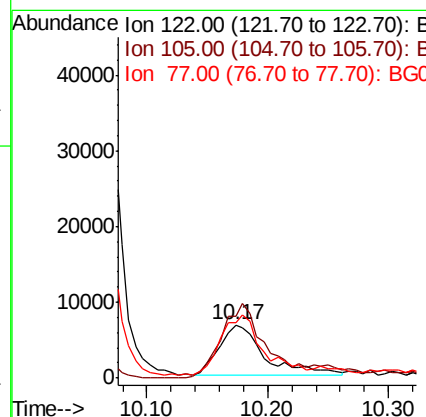
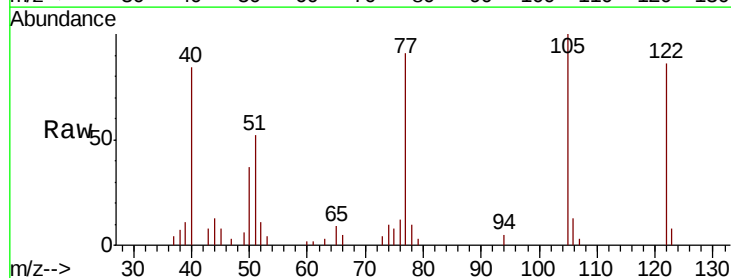
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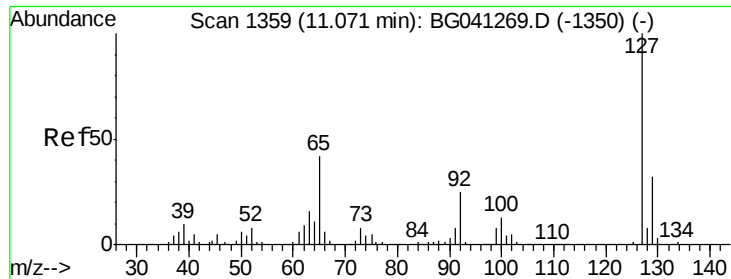
mohammad
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#32
Benzoic acid
Concen: 12.350 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.2	124.2	164.2#
77	105.9	97.2	137.2





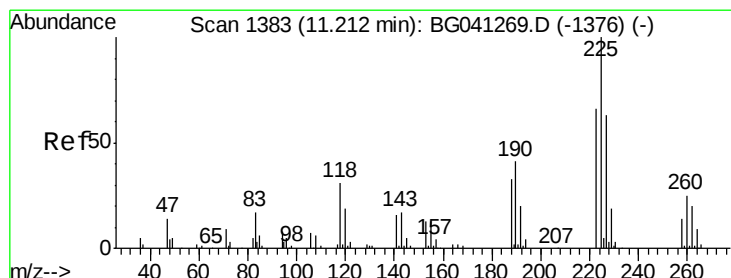
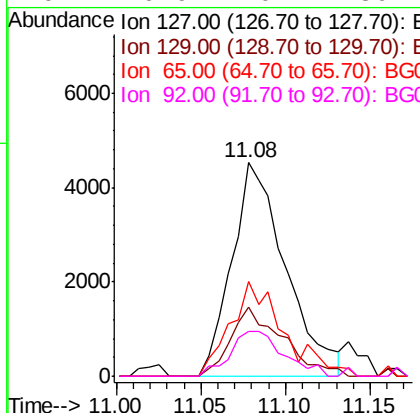
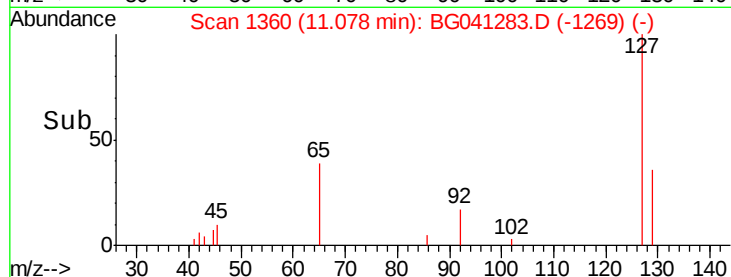
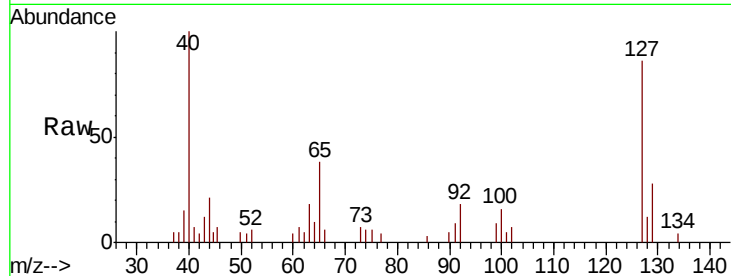
#33
4-Chloroaniline
Concen: 3.006 ng
RT: 11.08 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.8	38.8		
65	44.4	33.8	50.8		
92	20.9	20.2	30.4		

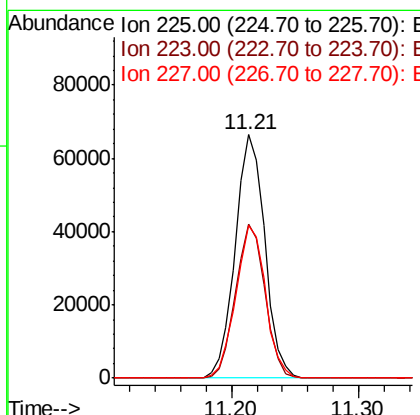
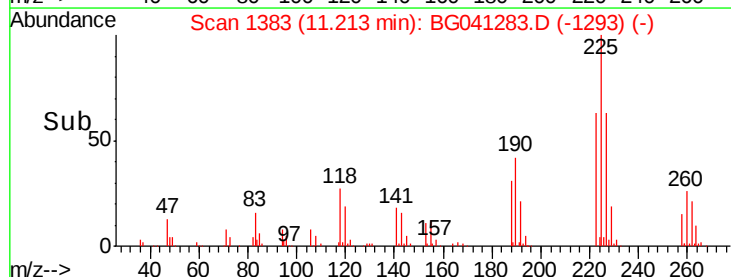
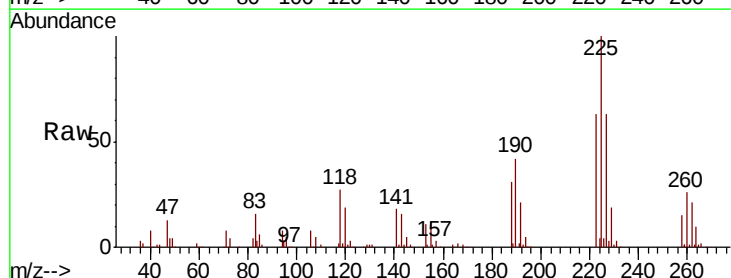
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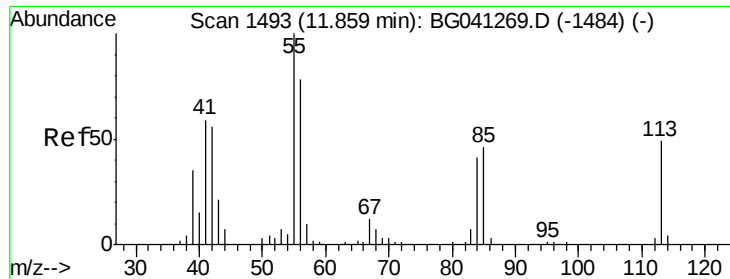
mohammad
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#34
Hexachlorobutadiene
Concen: 40.480 ng
RT: 11.21 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	52.5	78.7		
227	62.5	50.2	75.2		





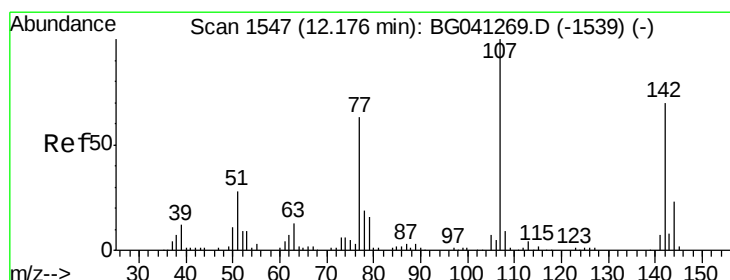
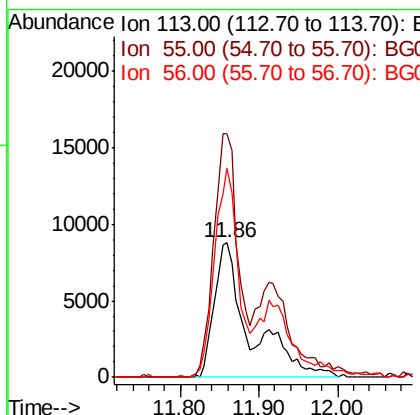
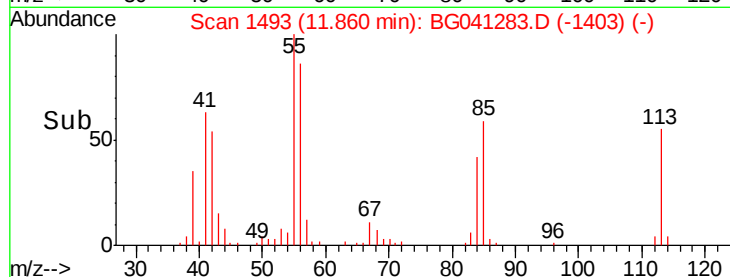
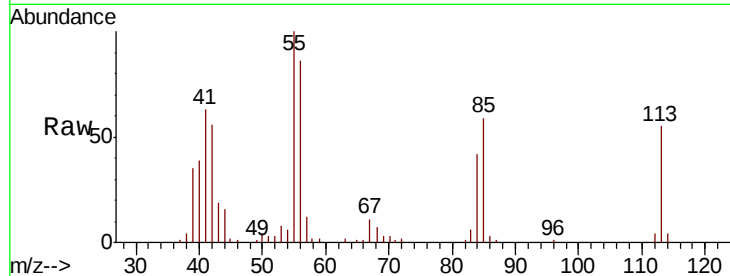
#35
Caprolactam
Concen: 30.859 ng/ml
RT: 11.86 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion: 113 Resp: 27678
Ion Ratio Lower Upper
113 100
55 180.7 182.6 222.6#
56 155.1 137.5 177.5

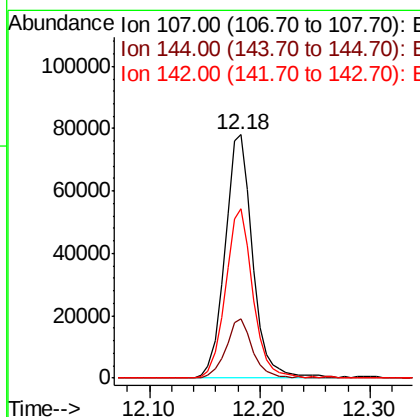
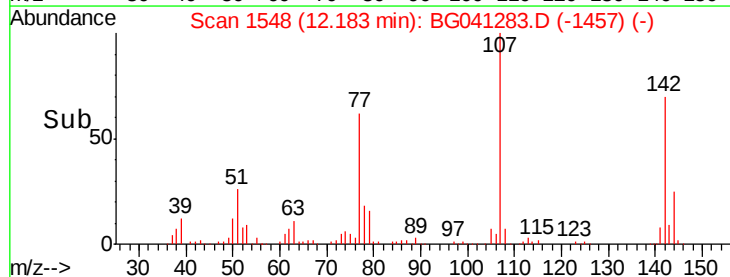
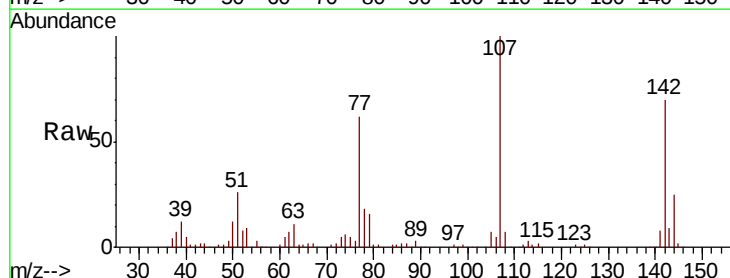
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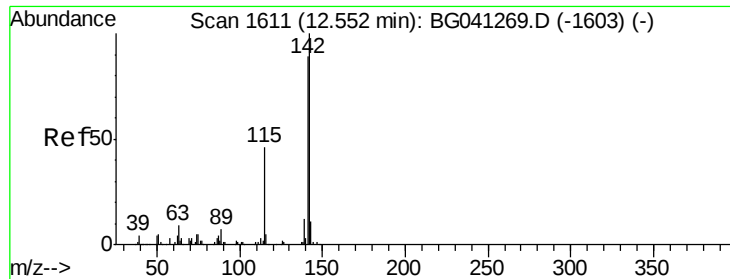
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.336 ng/ml
RT: 12.18 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion: 107 Resp: 136430
Ion Ratio Lower Upper
107 100
144 24.5 18.5 27.7
142 69.7 56.3 84.5





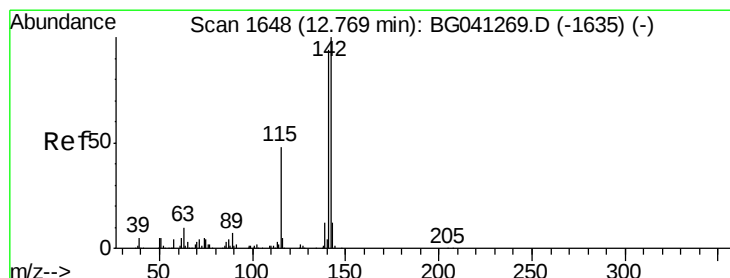
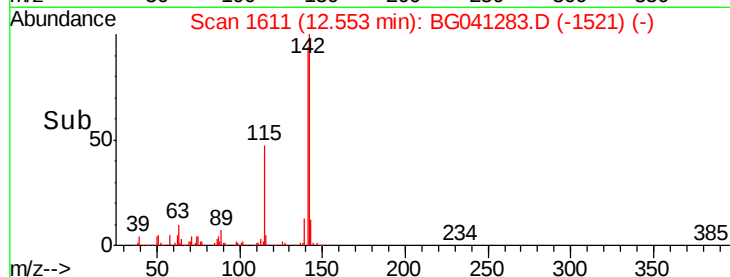
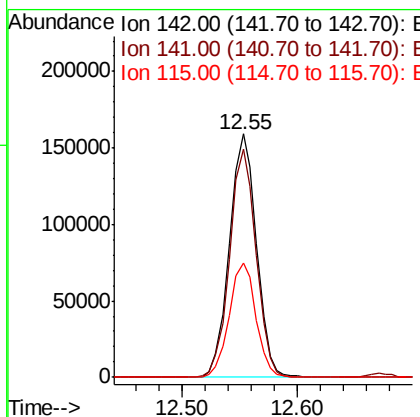
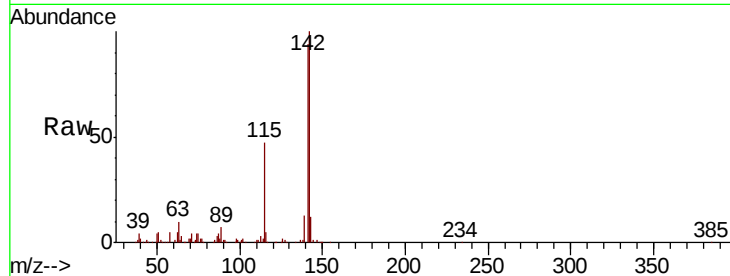
#37
2-Methylnaphthalene
Concen: 44.485 ng
RT: 12.55 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	93.9	71.5	107.3
115	47.2	37.0	55.6

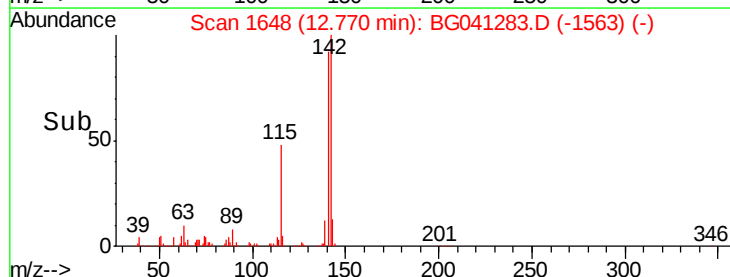
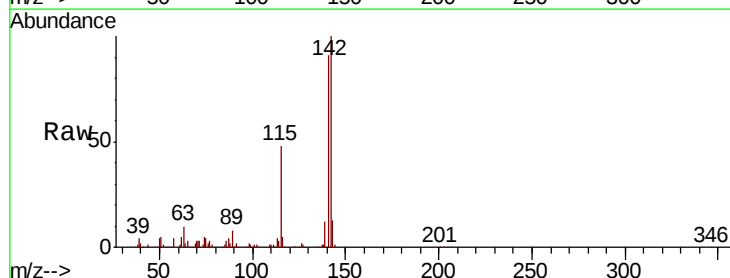
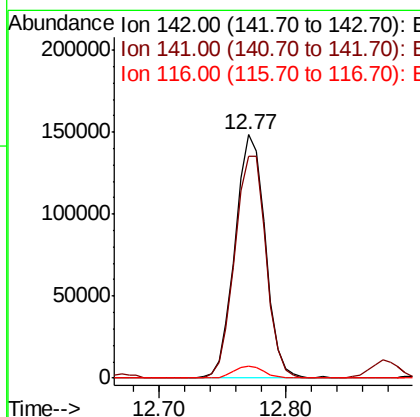
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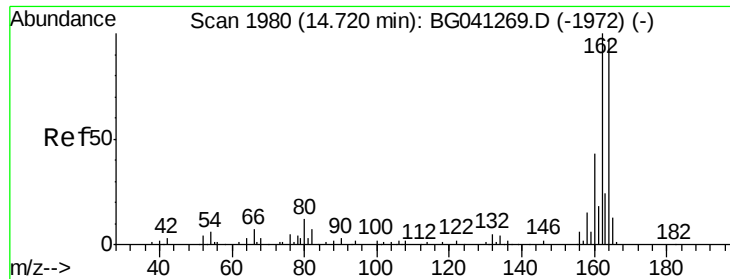
mohammad
6/20/2019 10:48:48 AM



#38
1-Methylnaphthalene
Concen: 44.263 ng
RT: 12.77 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.0	112.6
116	4.9	4.2	6.2





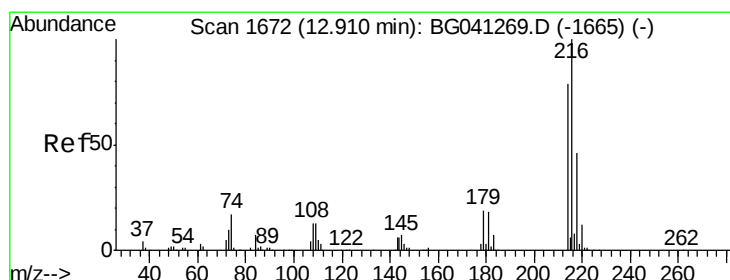
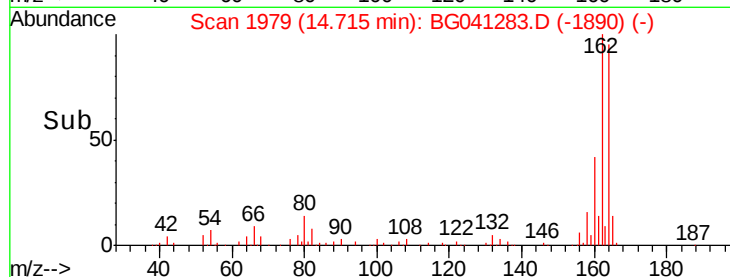
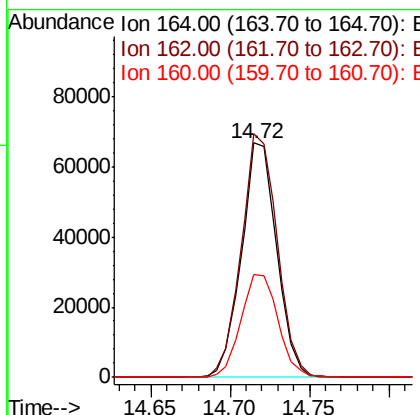
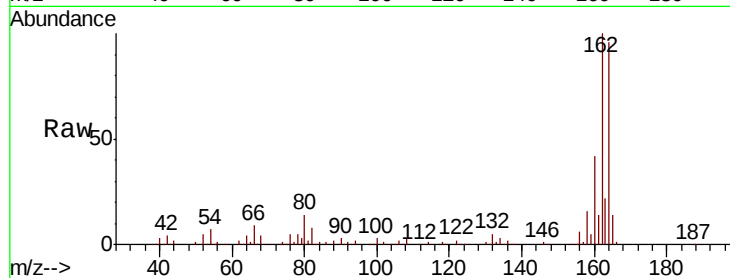
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.8	124.2
160	43.7	35.8	53.8

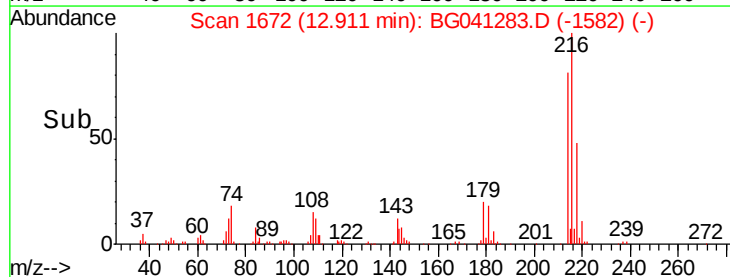
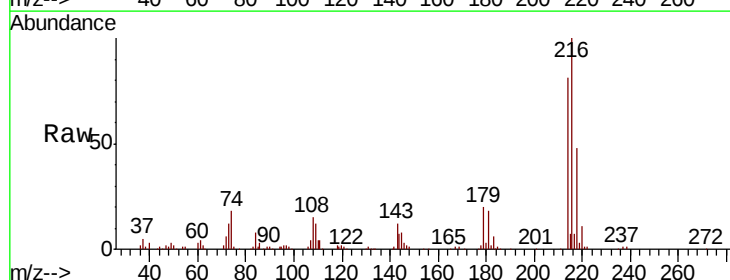
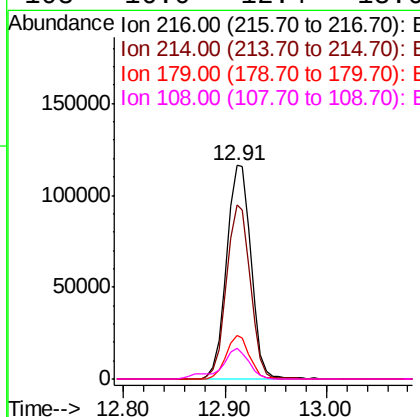
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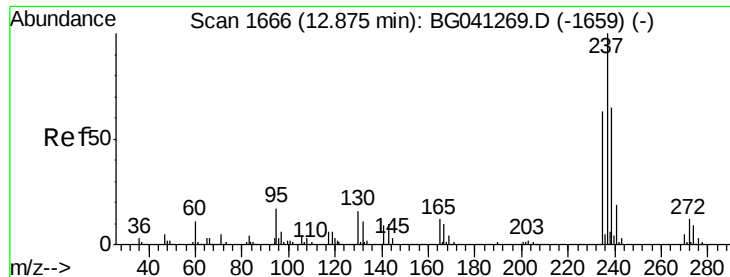
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.686 ng
RT: 12.91 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.8	94.2
179	19.1	15.2	22.8
108	16.0	12.4	18.6





#41

Hexachlorocyclopentadiene

Concen: 63.332 ng

RT: 12.88 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

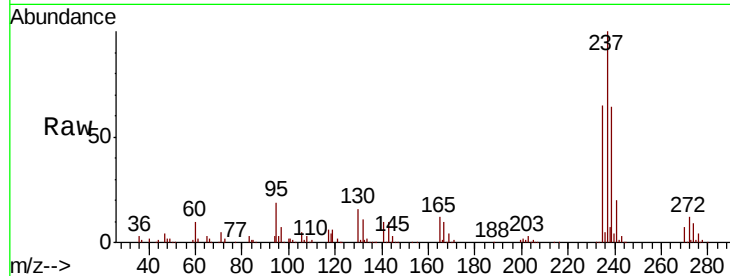
ClientSampleId :

JC-02-061419-AMS

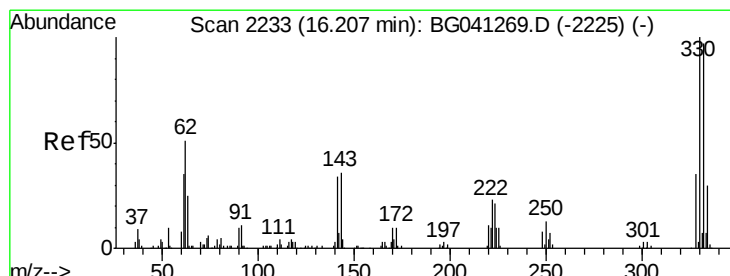
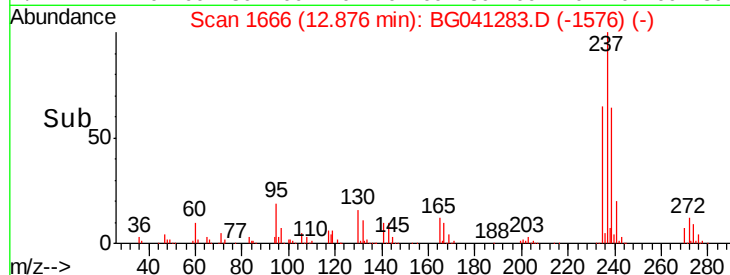
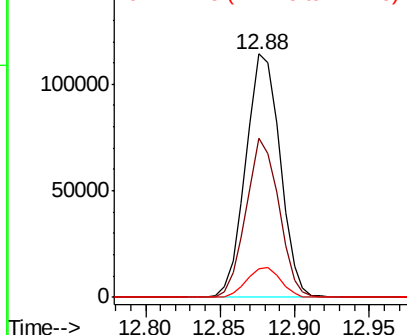
Tot Ion:	237	Resp:	181733
Ion Ratio	Lower	Upper	
237	100		
235	65.1	42.9	82.9
272	11.9	0.0	32.0

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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: 147.424 ng

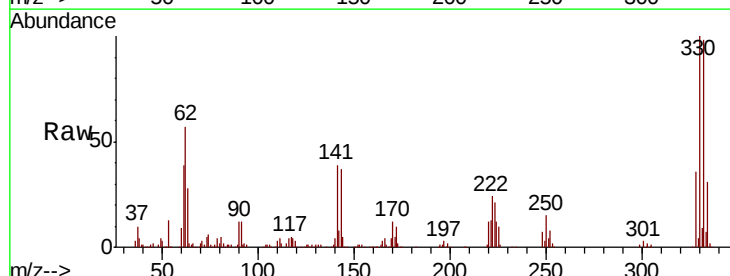
RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

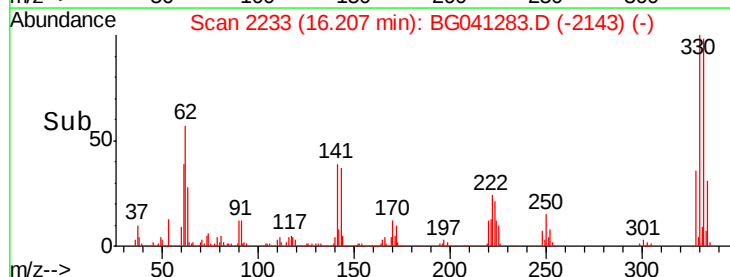
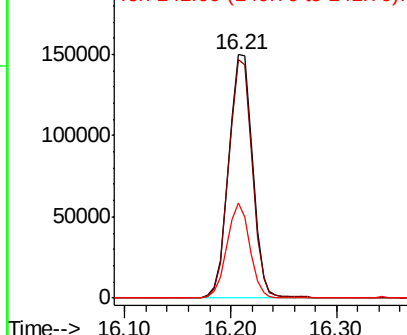
Lab File: BG041283.D

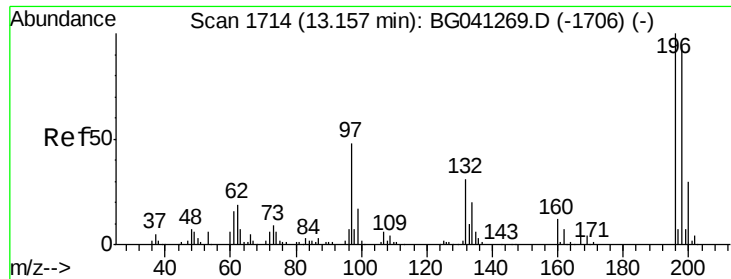
Acq: 17 Jun 2019 22:51

Tgt Ion:	330	Resp:	233496
Ion Ratio	Lower	Upper	
330	100		
332	96.7	75.5	113.3
141	37.1	29.0	43.4



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





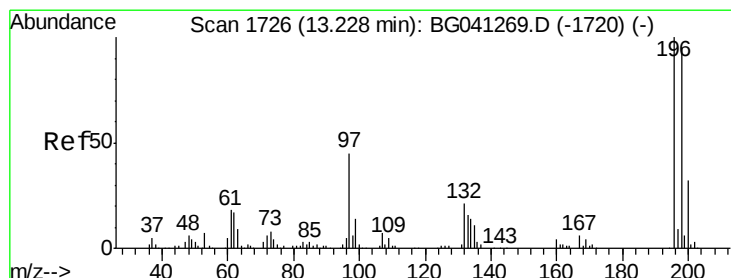
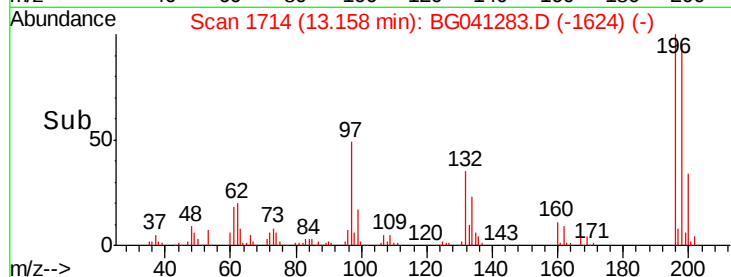
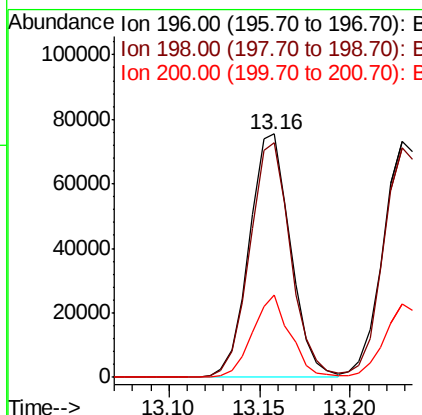
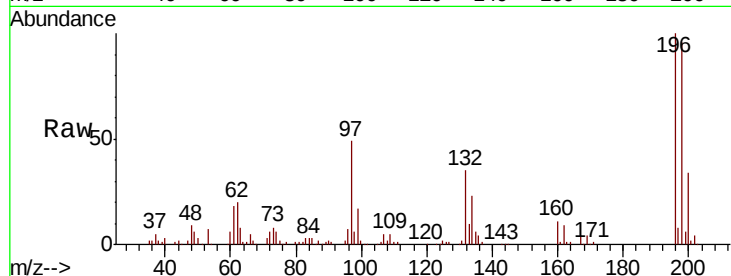
#43
 2,4,6-Trichlorophenol
 Concen: 45.185 ng
 RT: 13.16 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	119078		
198	96.1	74.9	112.3	
200	33.9	24.2	36.2	

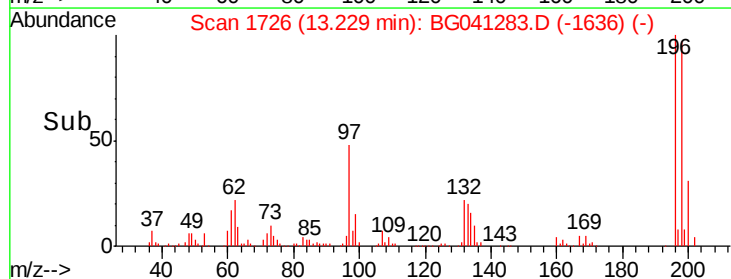
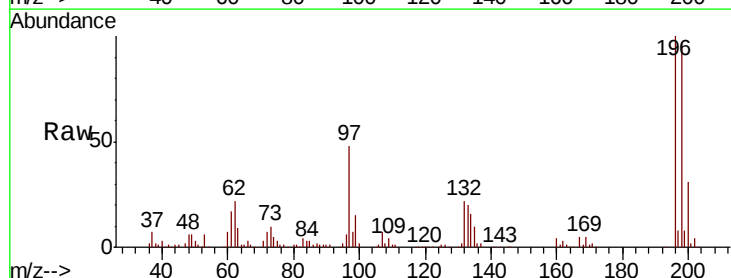
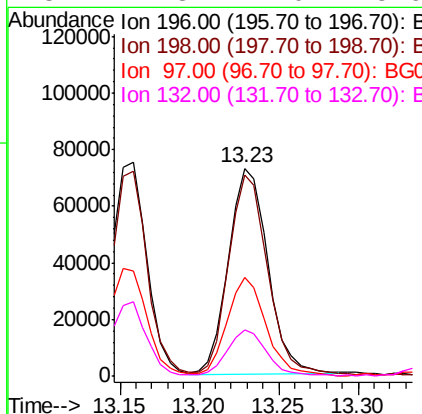
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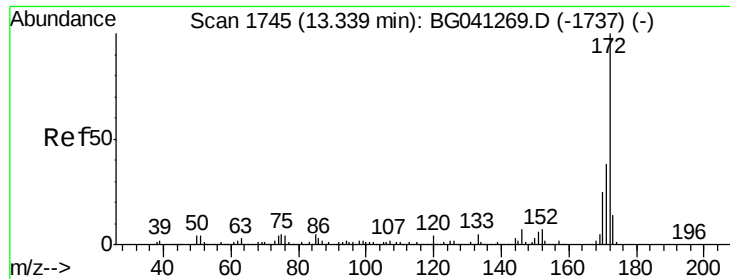
mohammad
 6/20/2019 10:48:48 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.227 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	125348		
198	97.1	76.1	114.1	
97	47.8	35.9	53.9	
132	22.3	17.0	25.6	





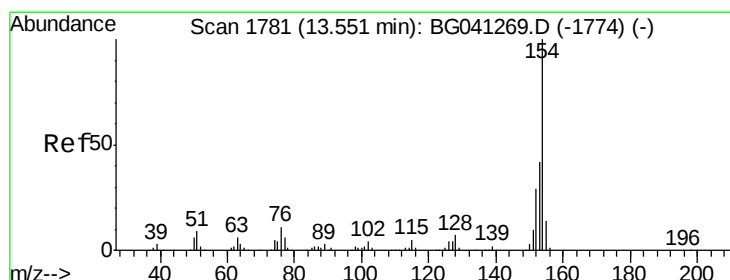
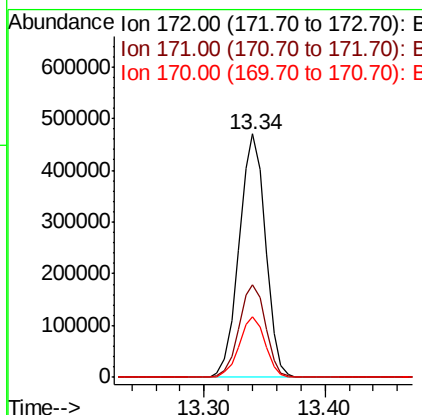
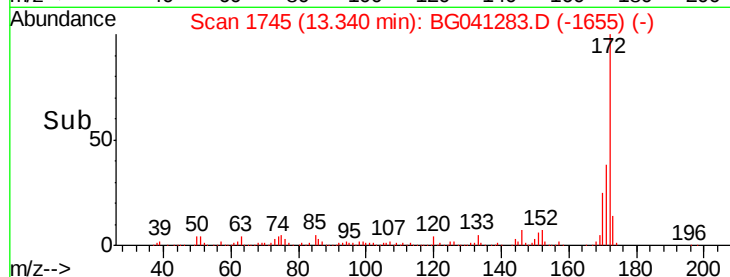
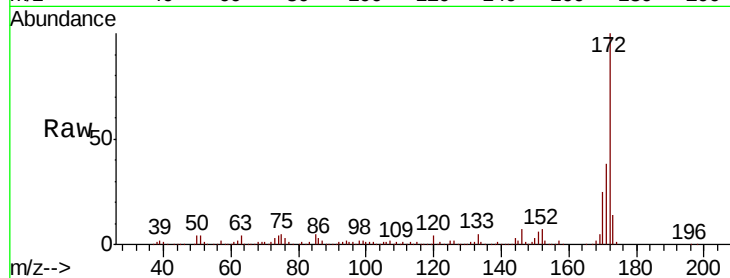
#45
2-Fluorobiphenyl
Concen: 94.616 ng
RT: 13.34 min Scan# 1745
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	25.1	19.8	29.6

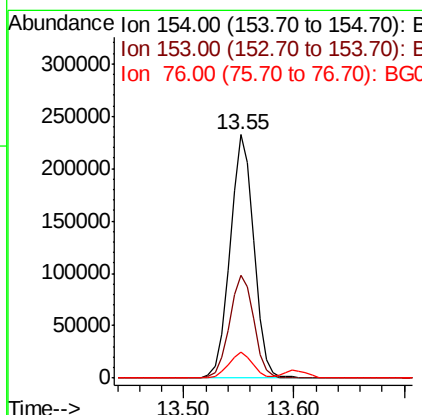
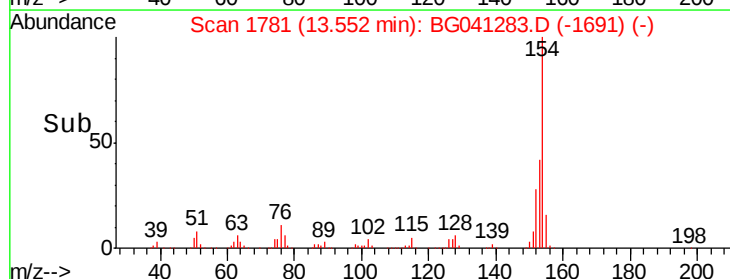
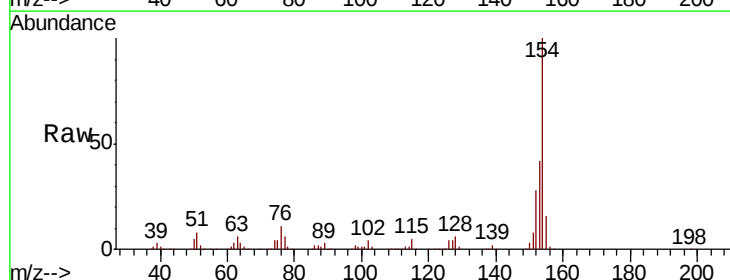
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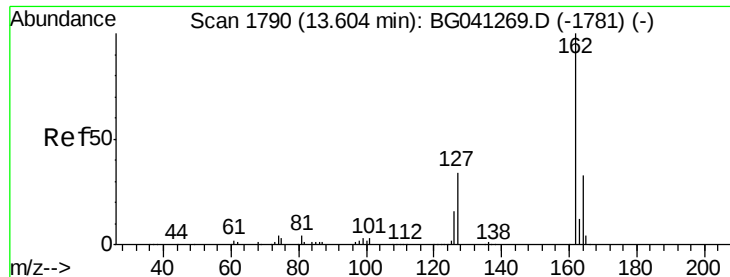
mohammad
6/20/2019 10:48:48 AM



#46
1,1'-Biphenyl
Concen: 44.988 ng
RT: 13.55 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.3	62.3
76	10.8	0.0	30.8





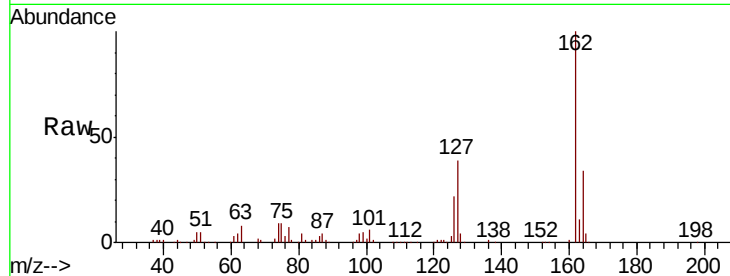
#47
2-Chloronaphthalene
Concen: 43.391 ng
RT: 13.60 min Scan# 1790
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.6	31.0	46.4
164	33.9	26.1	39.1

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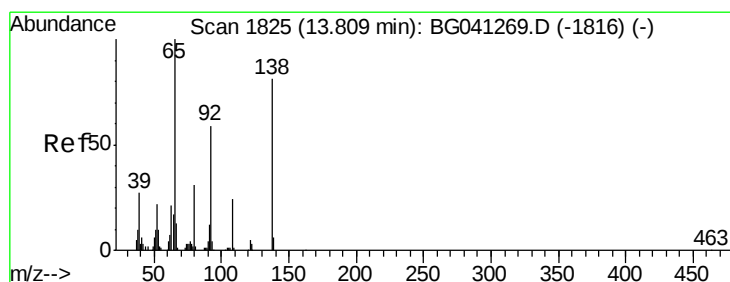
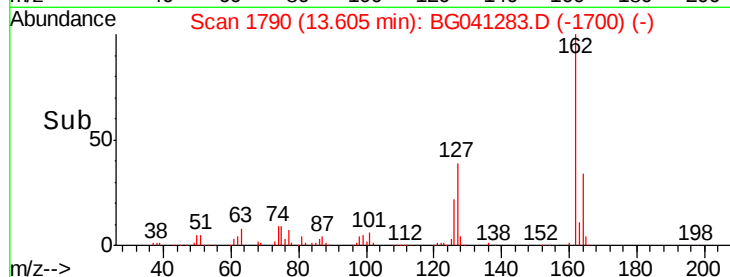
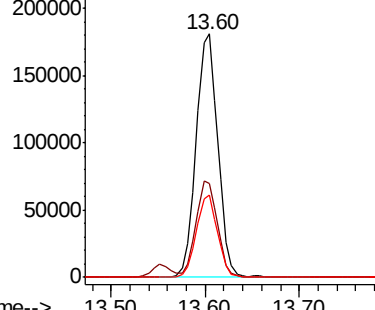


Abundance

Ion 162.00 (161.70 to 162.70): E

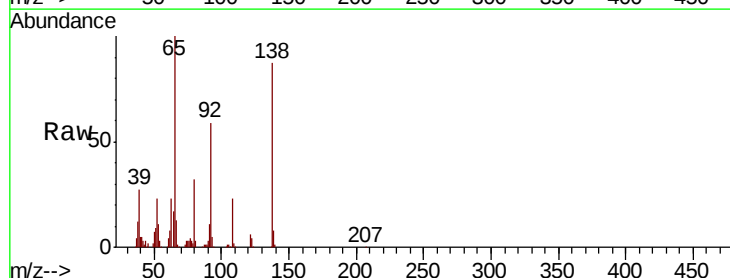
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 42.420 ng
RT: 13.81 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	59.1	47.4	71.2
138	87.1	64.7	97.1

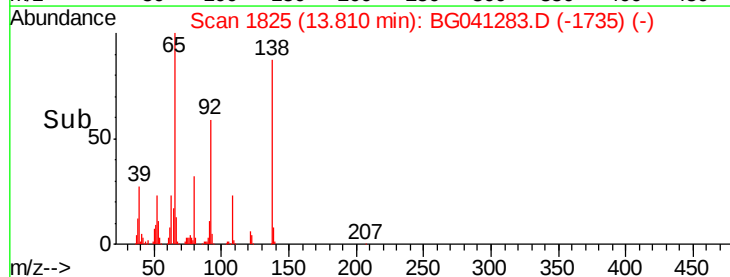
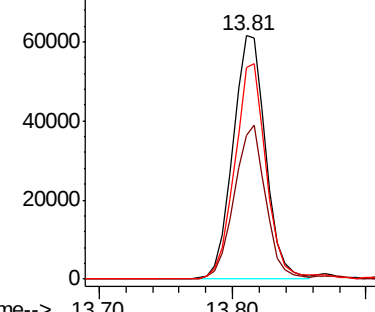


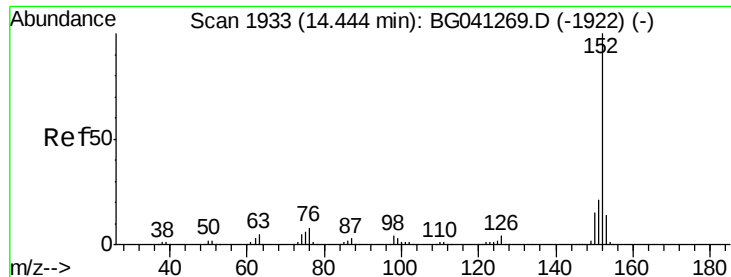
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.559 ng

RT: 14.44 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

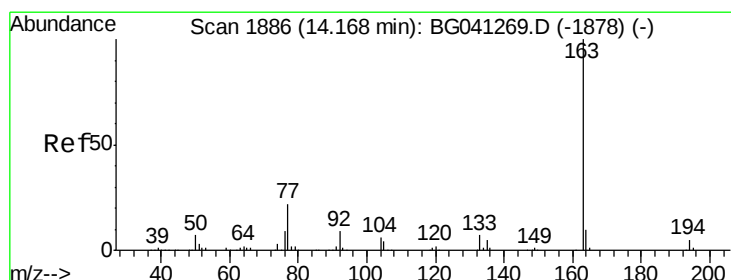
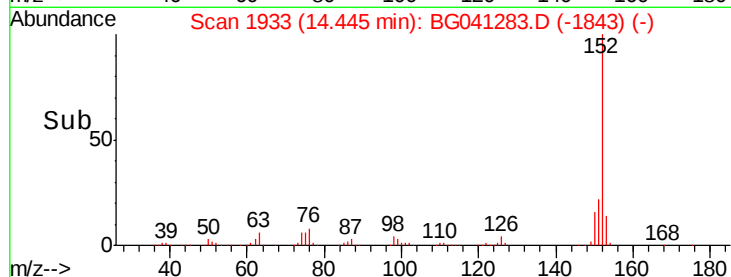
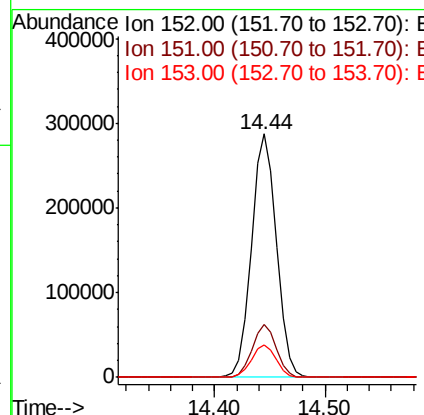
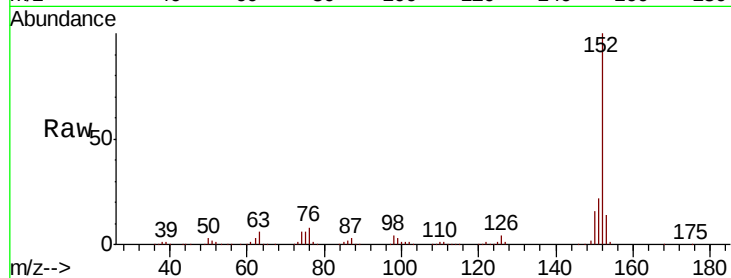
ClientSampleId :

JC-02-061419-AMS

Tot Ion:	152	Resp:	454028
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.8	25.2
153	13.5	10.8	16.2

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#50

Dimethylphthalate

Concen: 41.092 ng

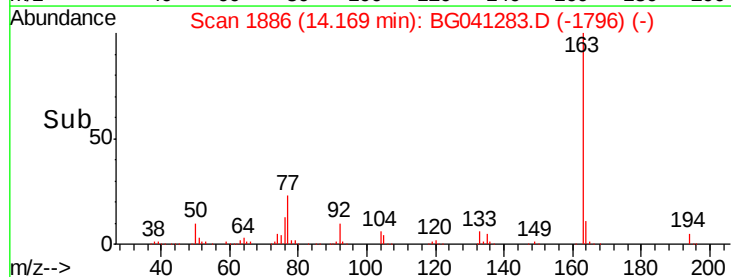
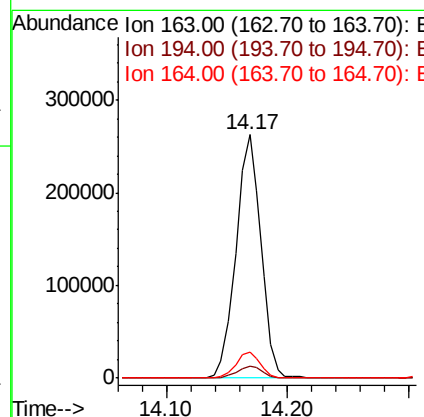
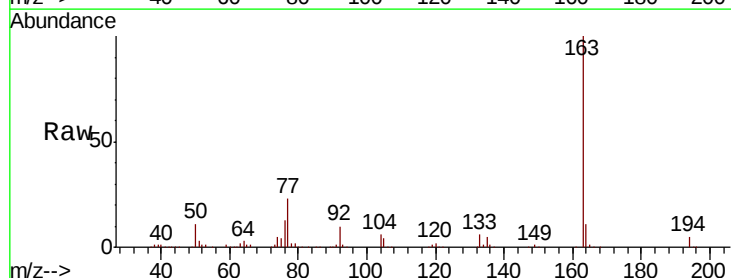
RT: 14.17 min Scan# 1886

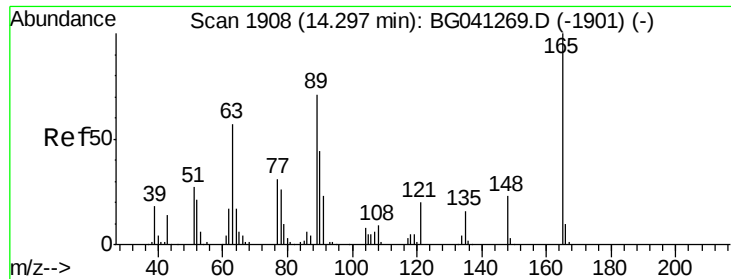
Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Tgt Ion:	163	Resp:	377195
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.9	5.9
164	10.7	8.3	12.5





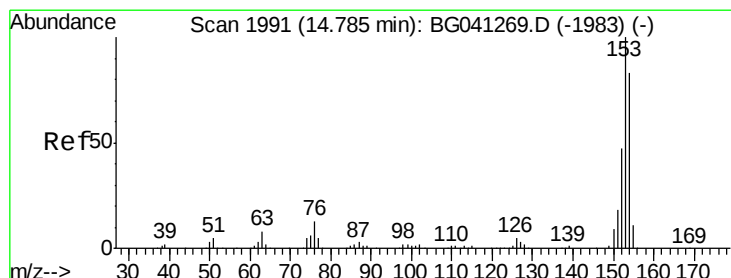
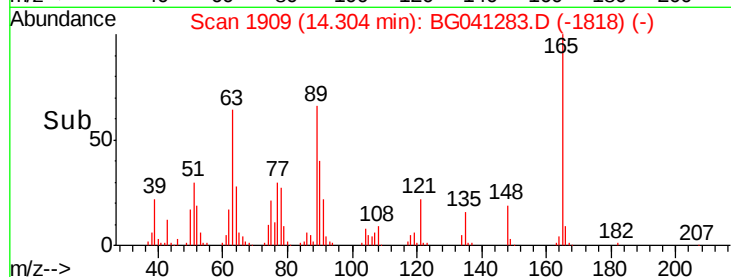
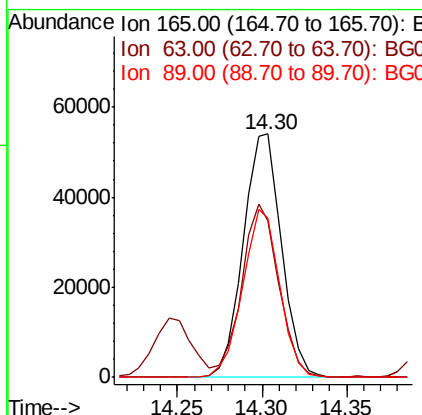
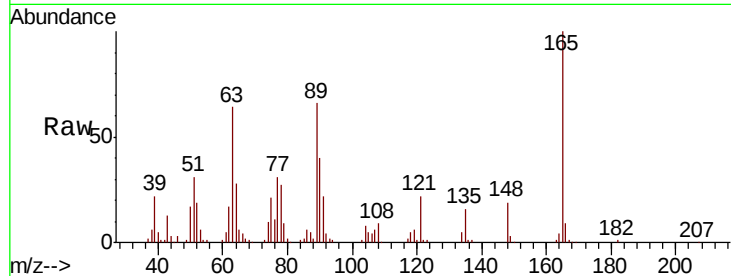
#51
2,6-Dinitrotoluene
Concen: 43.803 ng
RT: 14.30 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	64.1	55.4	83.0
89	65.6	56.5	84.7

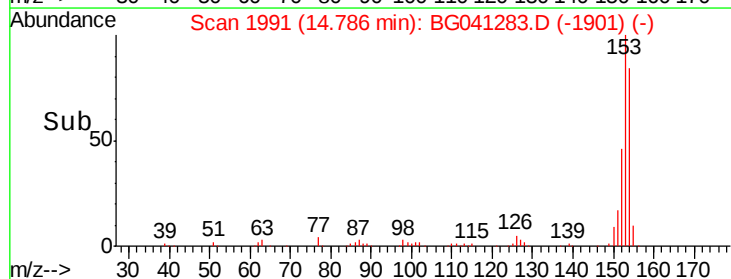
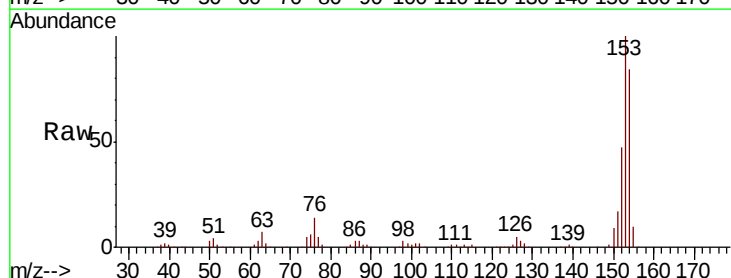
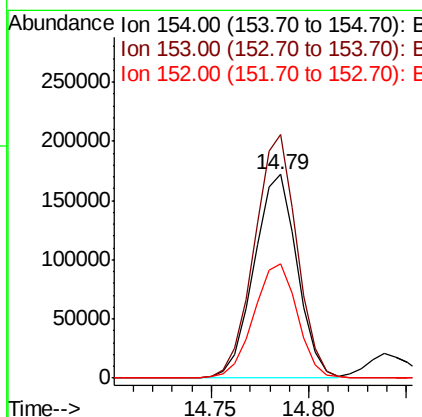
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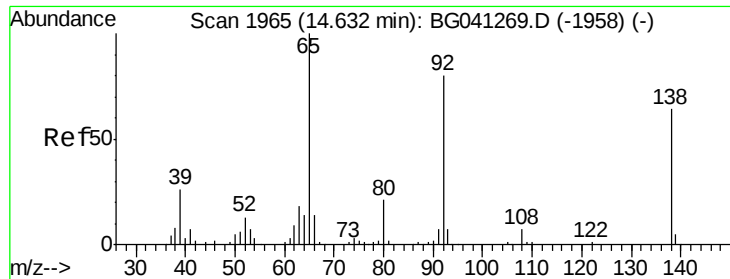
mohammad
6/20/2019 10:48:48 AM



#52
Acenaphthene
Concen: 43.839 ng
RT: 14.79 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	119.7	96.6	145.0
152	55.9	45.5	68.3





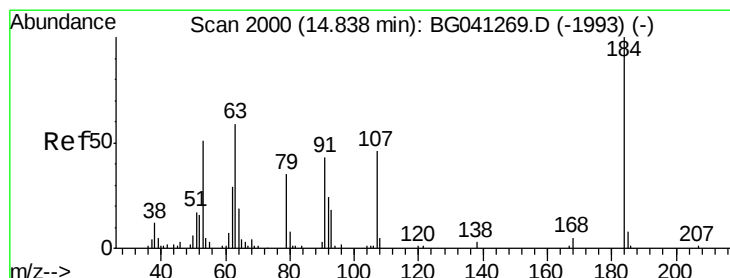
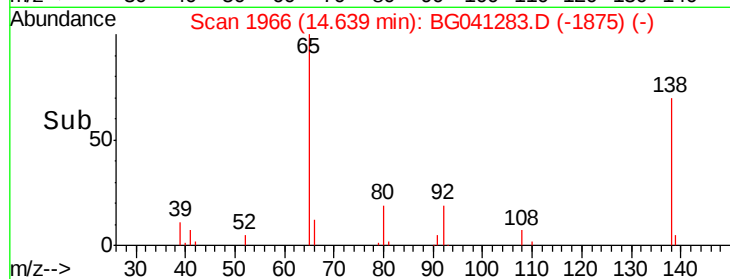
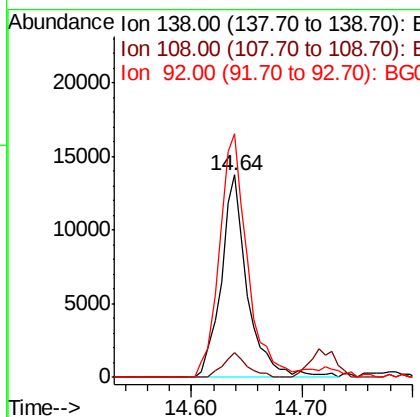
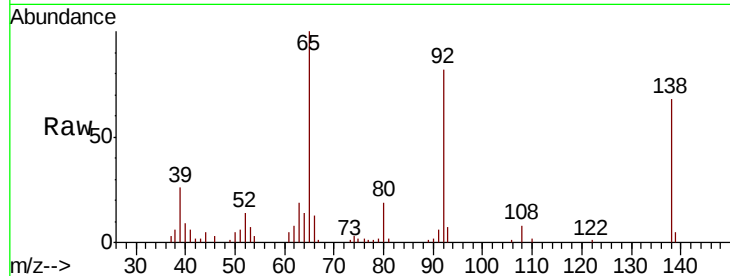
#53
3-Nitroaniline
Concen: 11.906 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion:138 Resp: 22704
Ion Ratio Lower Upper
138 100
108 12.3 8.3 12.5
92 120.3 100.2 150.4

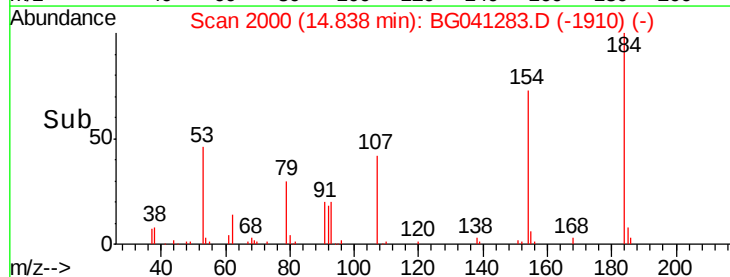
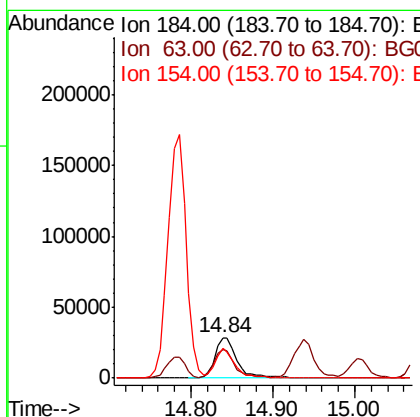
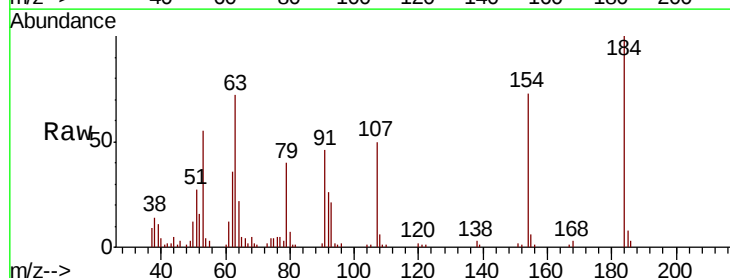
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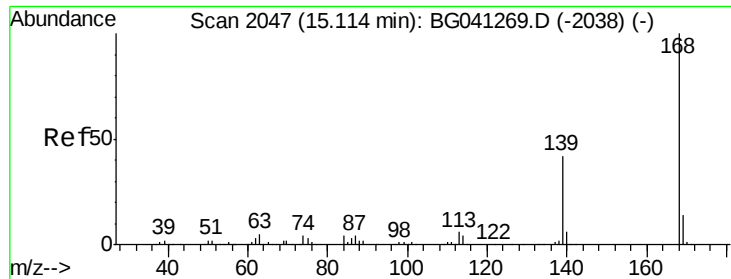
mohammad
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#54
2,4-Dinitrophenol
Concen: 40.963 ng
RT: 14.84 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion:184 Resp: 53506
Ion Ratio Lower Upper
184 100
63 71.6 60.0 90.0
154 72.6 58.3 87.5





#55

Dibenzenofuran

Concen: 44.580 ng

RT: 15.11 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-AMS

Tot Ion:168 Resp: 463771

Ion Ratio Lower Upper

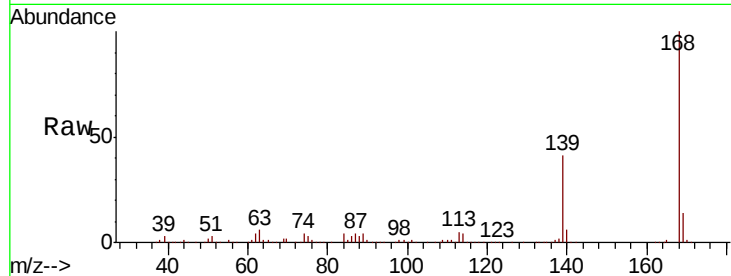
168 100

139 40.9 33.6 50.4

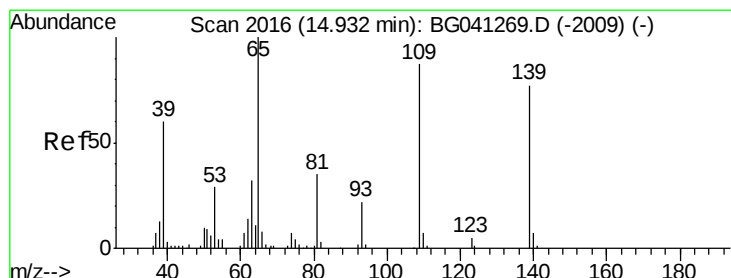
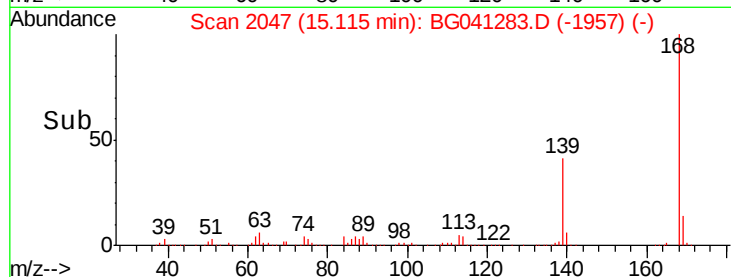
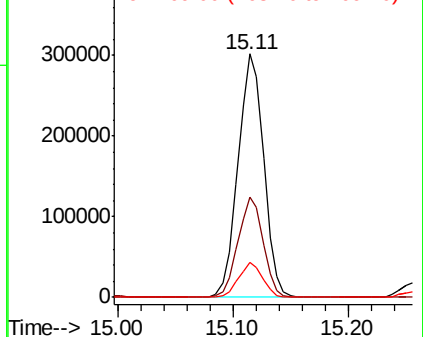
169 14.2 10.8 16.2

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Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.478 ng

RT: 14.94 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

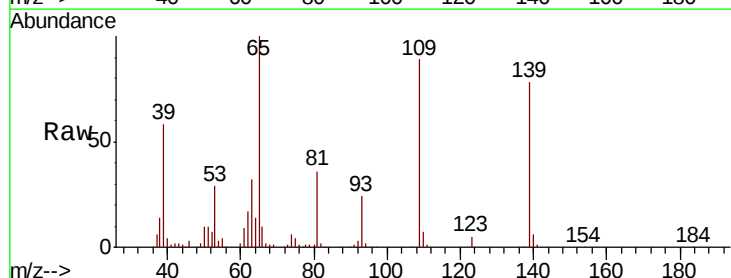
Tgt Ion:139 Resp: 112087

Ion Ratio Lower Upper

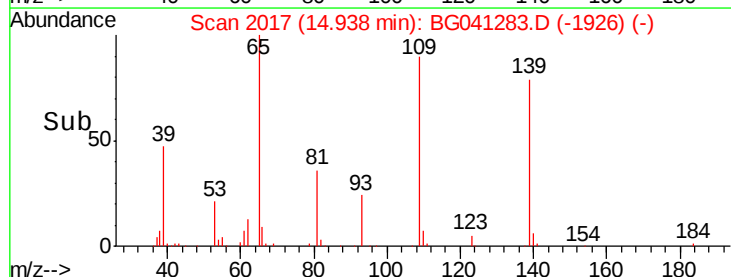
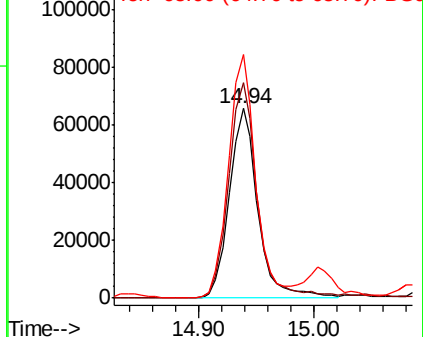
139 100

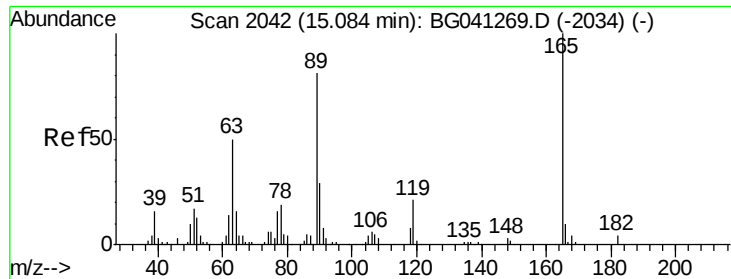
109 113.8 93.2 133.2

65 128.5 110.2 150.2



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG





#57

2,4-Dinitrotoluene

Concen: 43.133 ng

RT: 15.09 min Scan# 2042

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

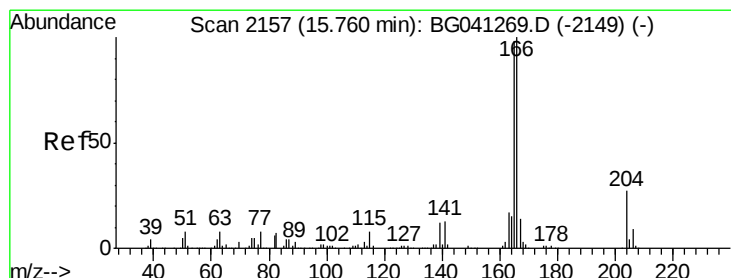
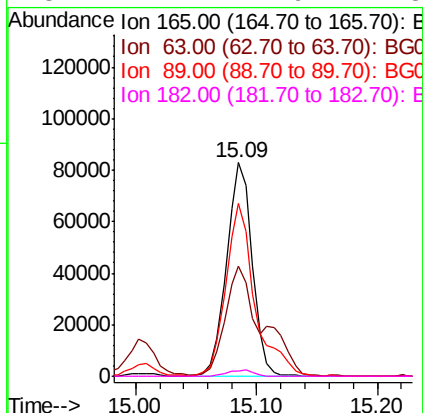
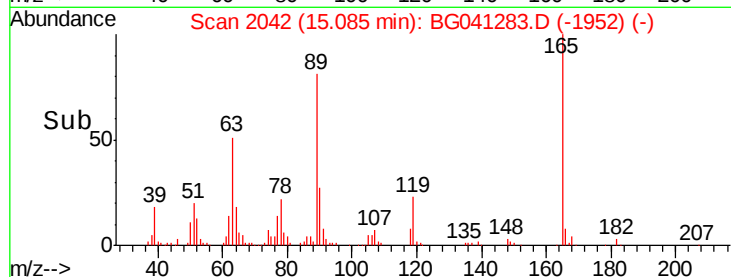
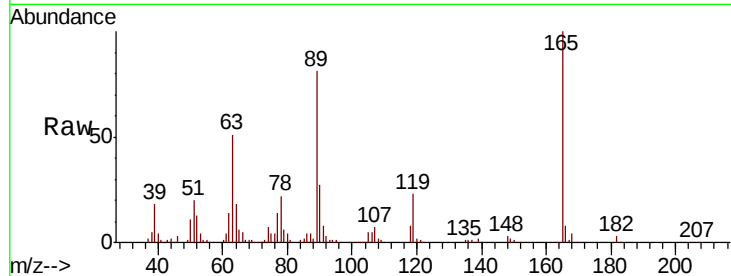
ClientSampleId :

JC-02-061419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	122037		
63	51.3	40.0	60.0	
89	81.0	64.6	96.8	
182	2.7	2.9	4.3	

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#58

Fluorene

Concen: 44.138 ng

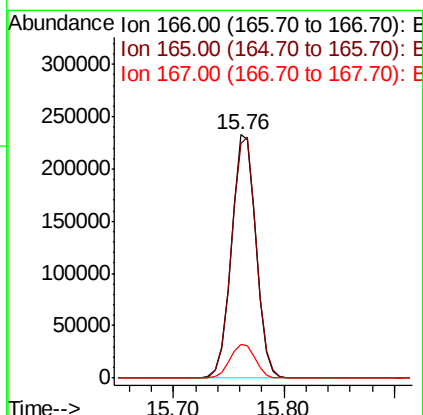
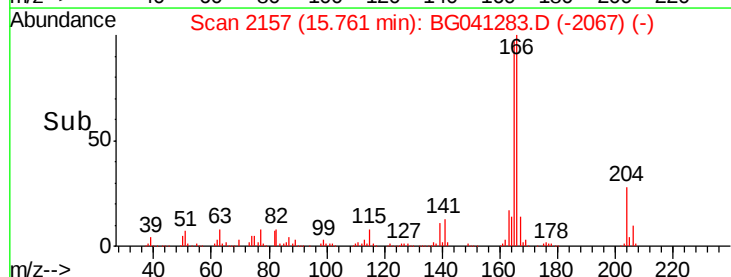
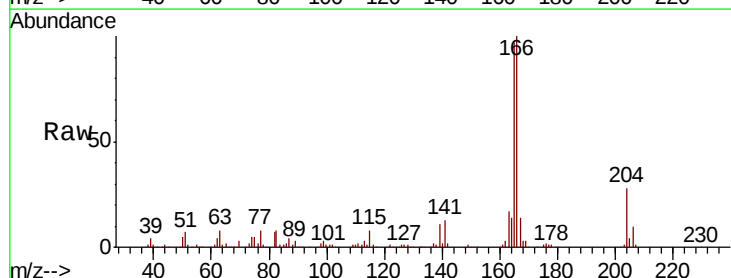
RT: 15.76 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	361208		
165	96.6	78.8	118.2	
167	14.0	11.3	16.9	





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.642 ng

RT: 15.34 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-AMS

Tot Ion:232 Resp: 127983

Ion Ratio Lower Upper

232 100

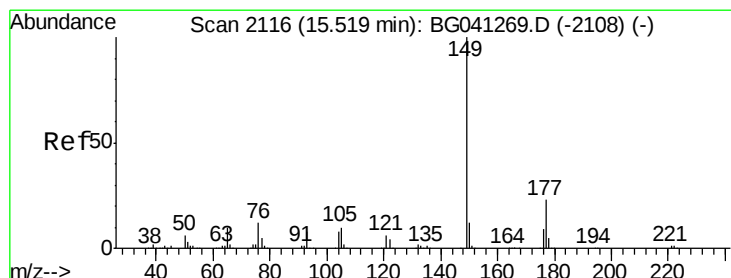
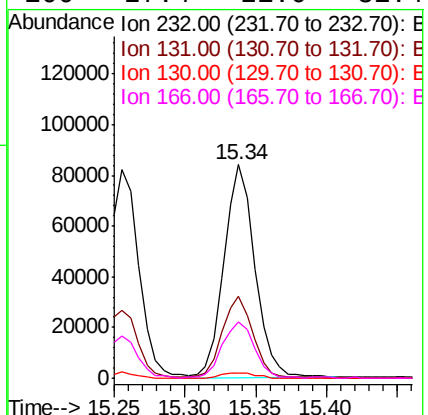
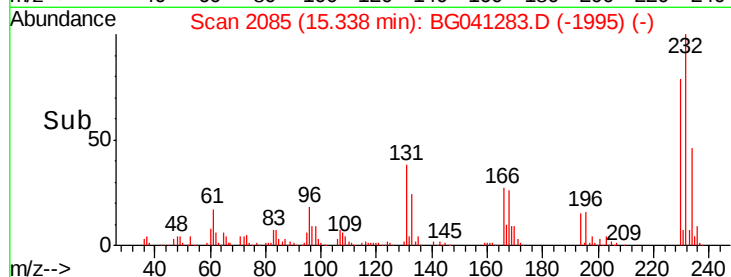
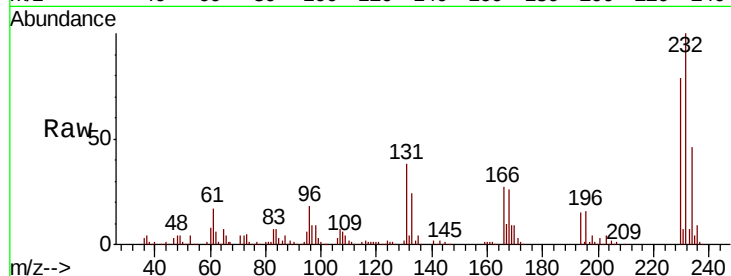
131 39.1 29.0 43.6

130 2.7 1.6 2.4

166 27.4 21.0 31.4

Manual Integrations
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#60

Diethylphthalate

Concen: 41.623 ng

RT: 15.52 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

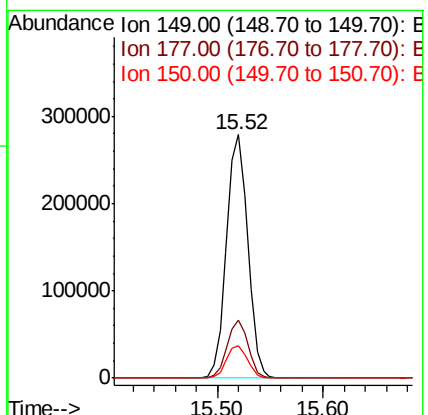
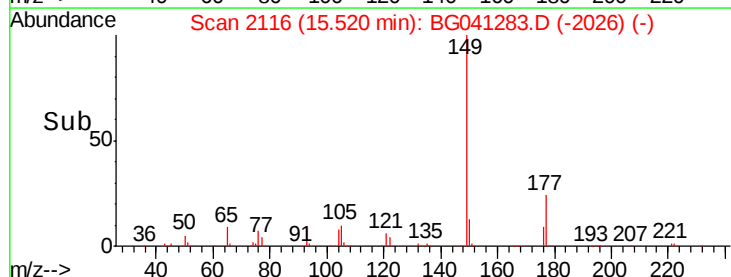
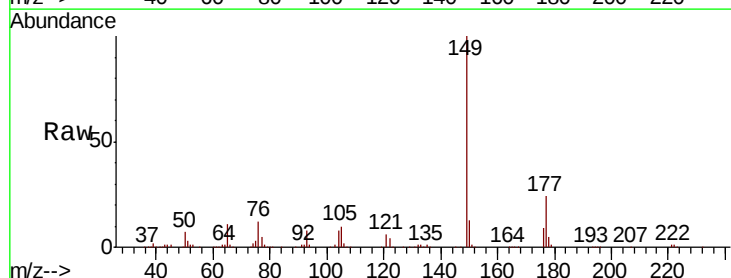
Tgt Ion:149 Resp: 388347

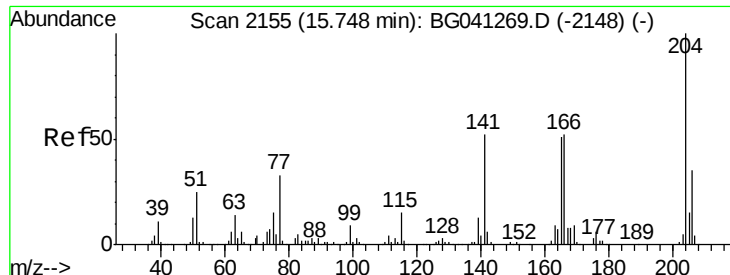
Ion Ratio Lower Upper

149 100

177 23.6 18.4 27.6

150 13.1 9.9 14.9





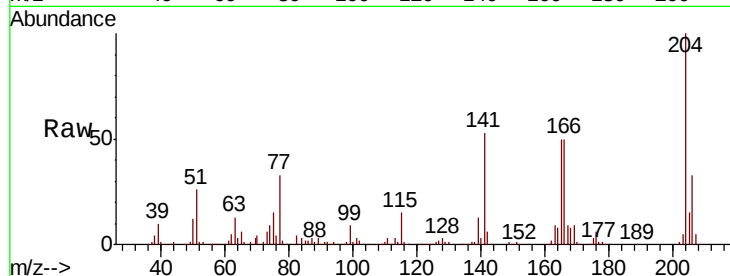
#61
4-Chlorophenyl-phenylether
Concen: 42.619 ng
RT: 15.75 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	27.9	41.9
141	52.5	41.4	62.0

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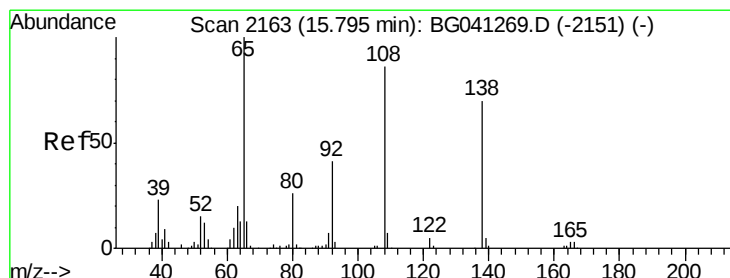
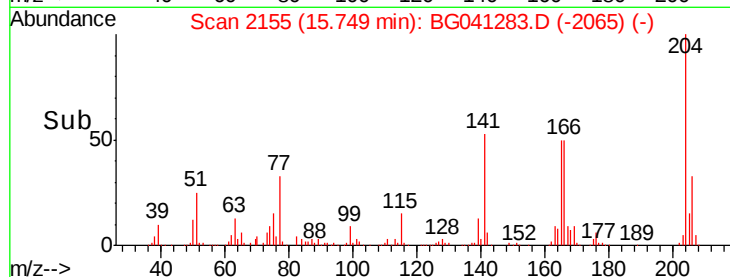
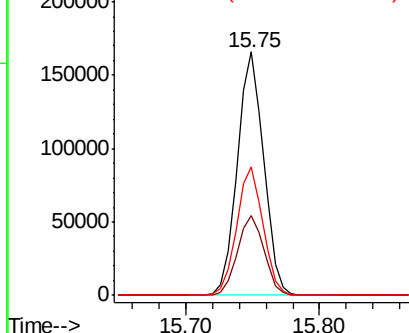


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.871 ng
RT: 15.80 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

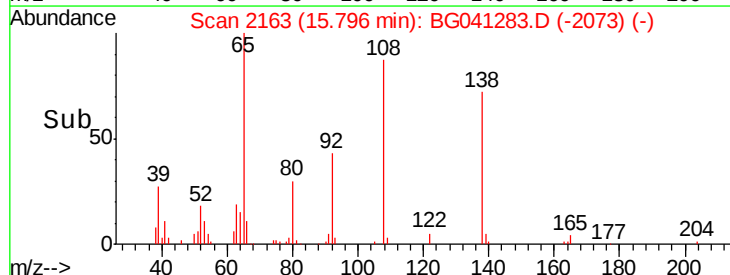
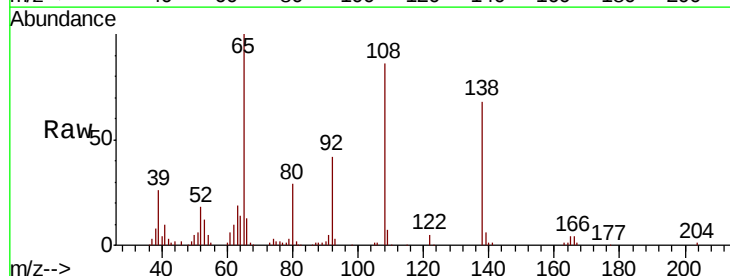
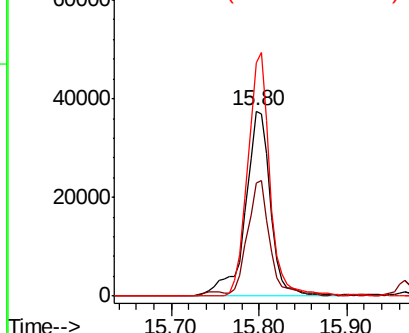
Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.0	38.8	78.8
108	126.1	103.4	143.4

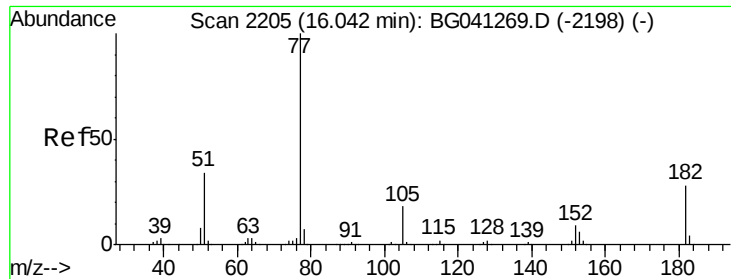
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





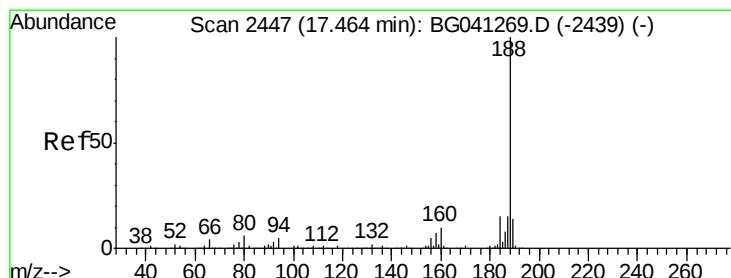
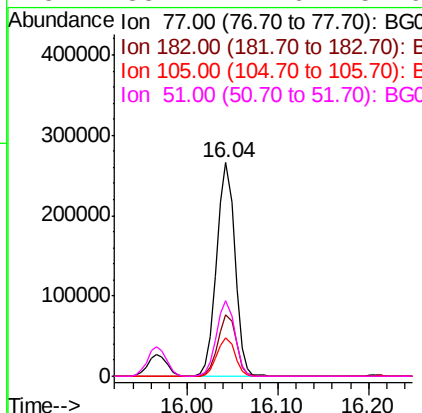
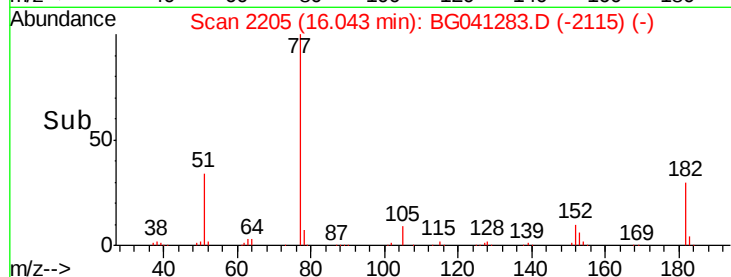
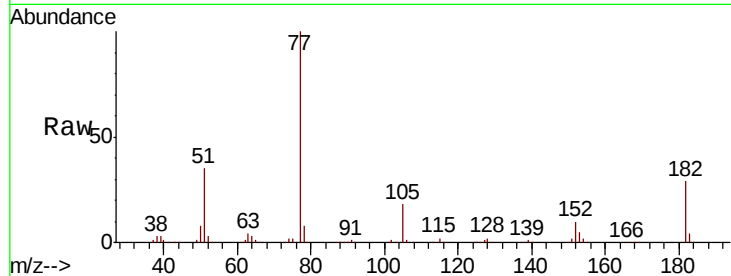
#63
Azobenzene
Concen: 44.558 ng
RT: 16.04 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		370880		
182	28.6	7.5	47.5		
105	18.0	0.0	37.7		
51	35.1	14.6	54.6		

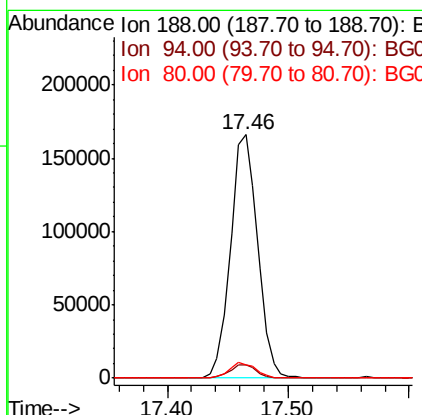
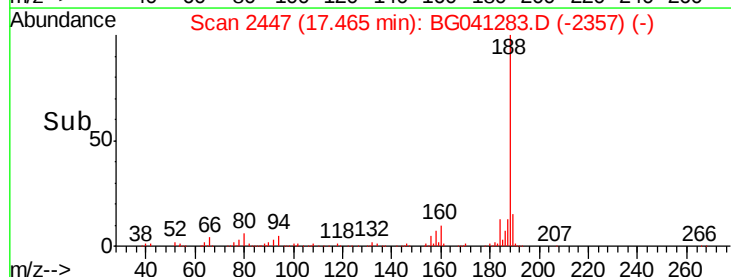
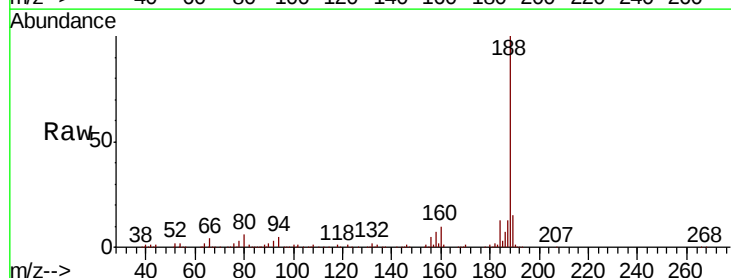
Manual Integrations
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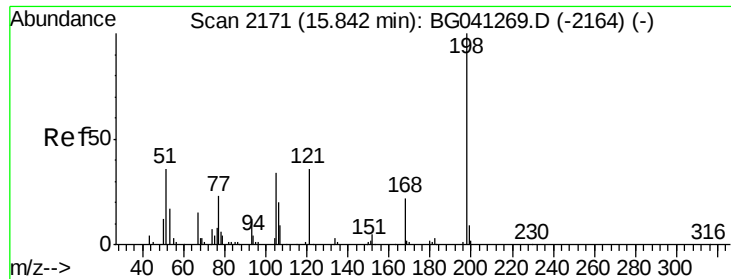
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		259921		
94	5.2	3.6	5.4		
80	5.6	4.8	7.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 28.074 ng

RT: 15.84 min Scan# 2171

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-AMS

Tot Ion:198 Resp: 47363

Ion Ratio Lower Upper

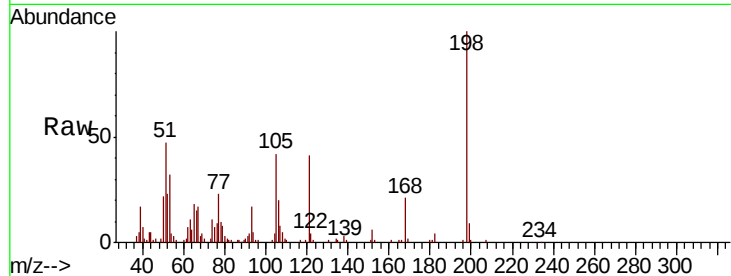
198 100

51 46.8 23.4 63.4

105 42.0 15.8 55.8

Manual Integrations
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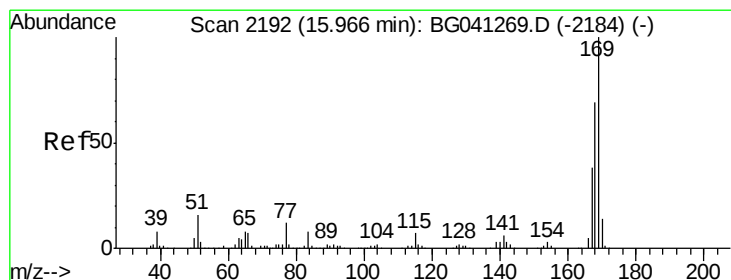
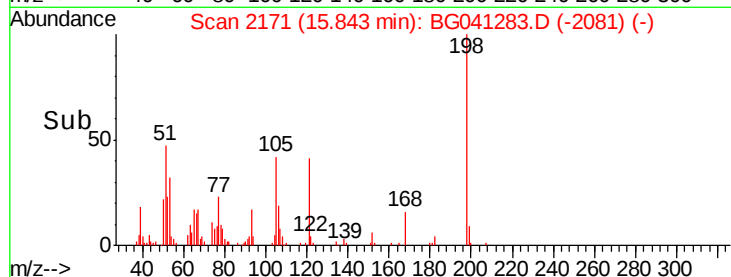
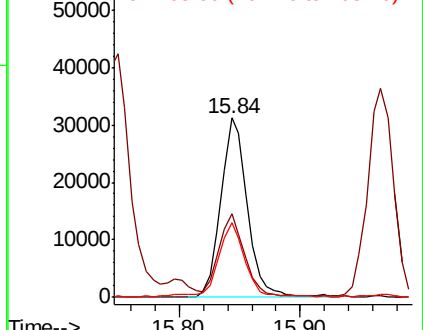
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.683 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

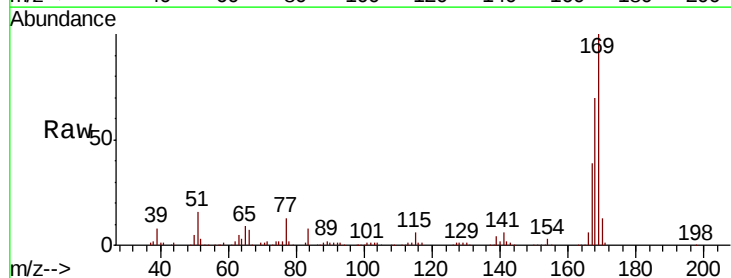
Tgt Ion:169 Resp: 329084

Ion Ratio Lower Upper

169 100

168 69.7 55.2 82.8

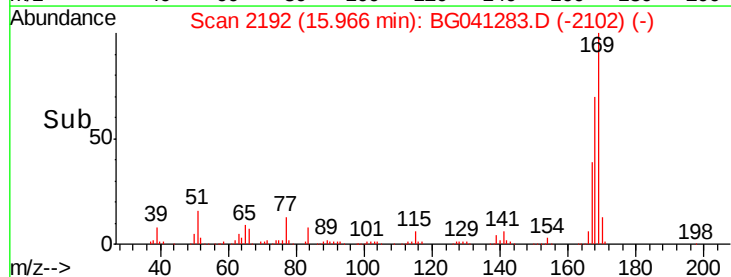
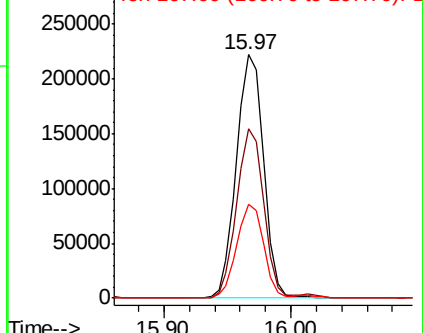
167 38.7 30.4 45.6

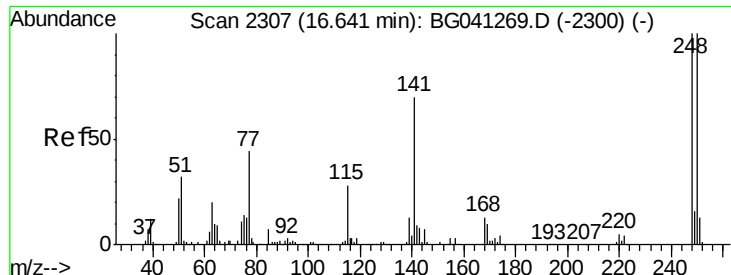


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





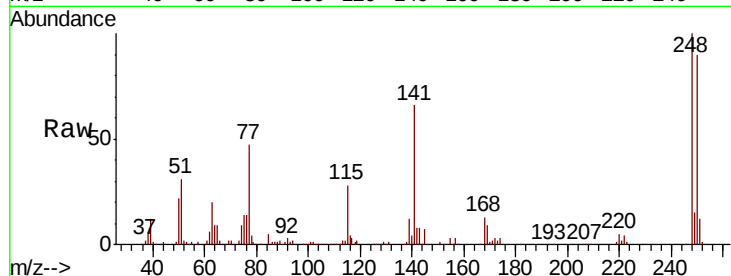
#67
 4-Bromophenyl-phenylether
 Concen: 45.365 ng
 RT: 16.64 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Instrument :
 BNA_G
 ClientSampleID :
 JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	90.4	79.8	119.8
141	66.3	55.8	83.6

Manual Integrations
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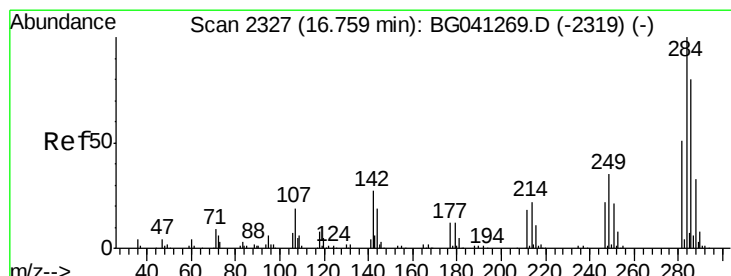
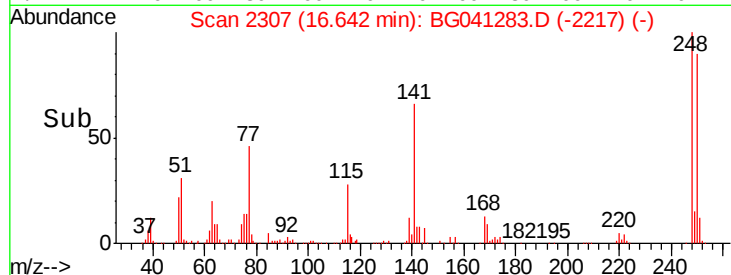
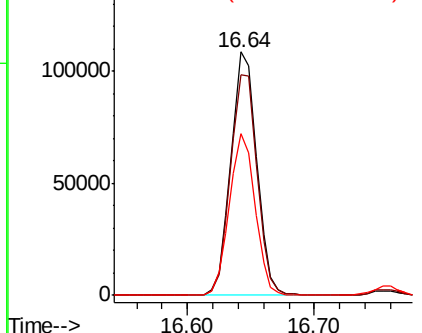


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 42.821 ng
 RT: 16.76 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

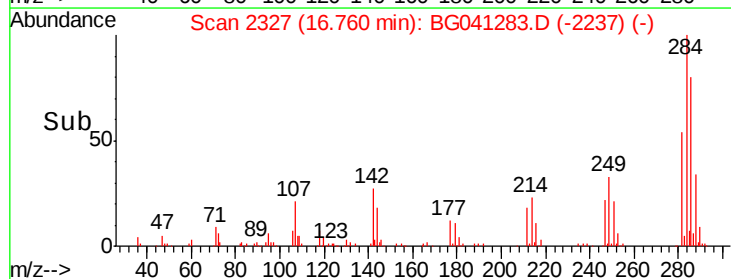
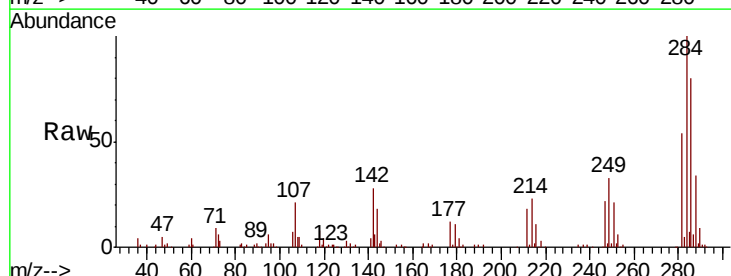
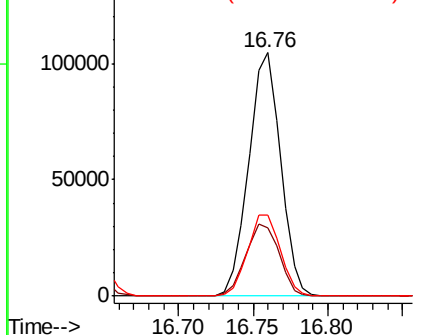
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	21.8	32.8
249	33.2	27.8	41.6

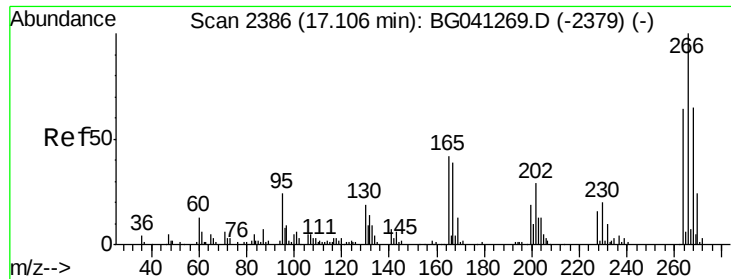
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





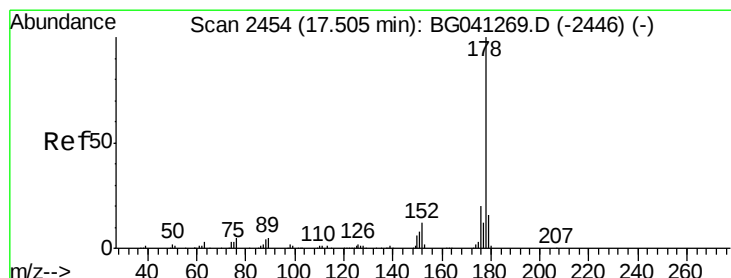
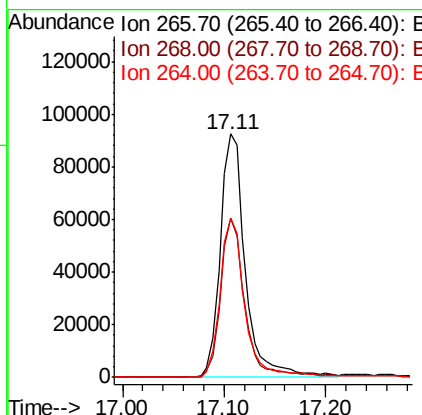
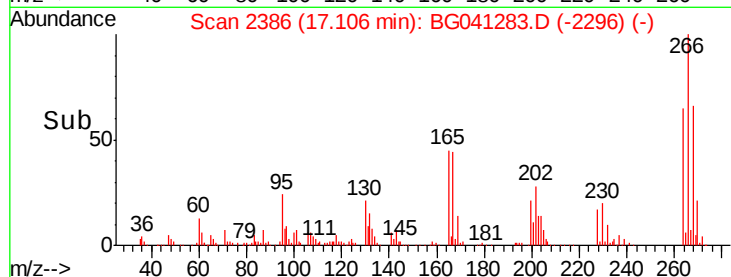
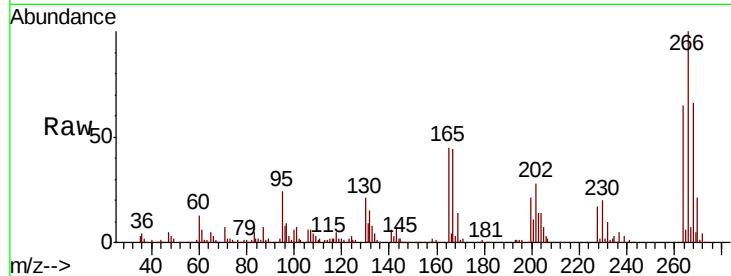
#70
 Pentachlorophenol
 Concen: 86.274 ng
 RT: 17.11 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.0	78.0
264	65.4	51.2	76.8

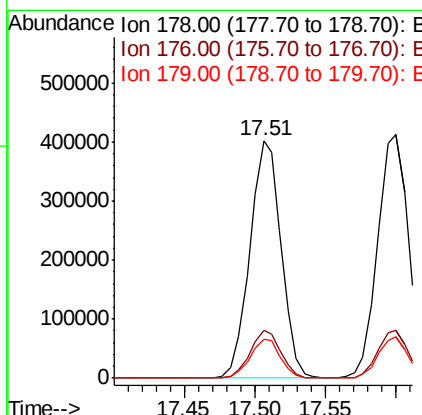
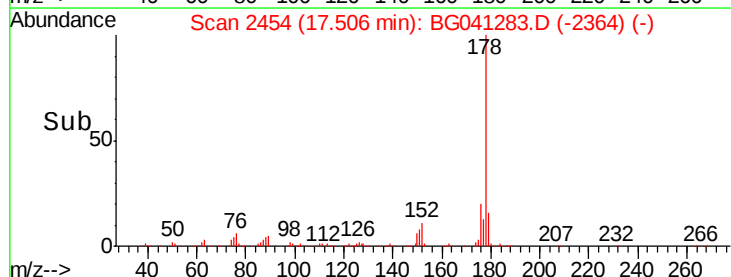
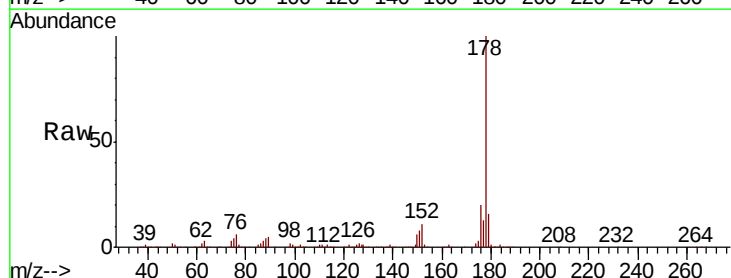
Manual Integrations
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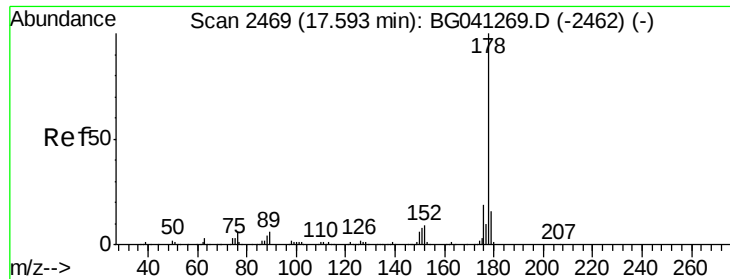
mohammad
 6/20/2019 10:48:48 AM



#71
 Phenanthrene
 Concen: 45.071 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	16.2	12.9	19.3





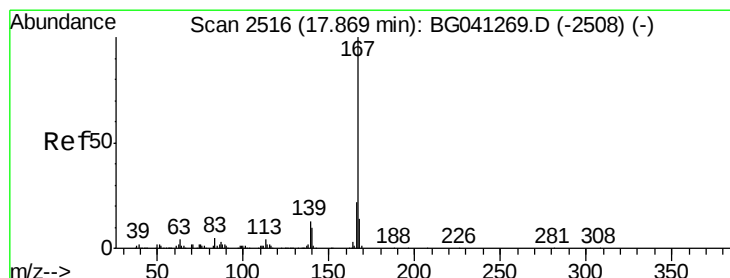
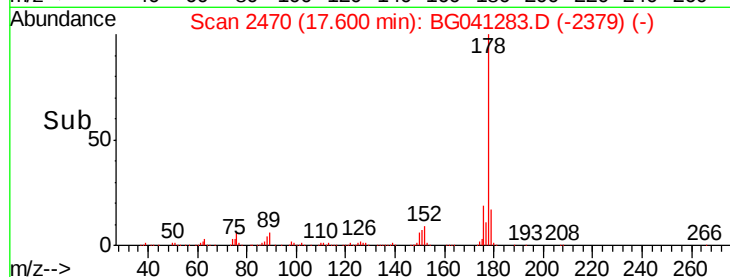
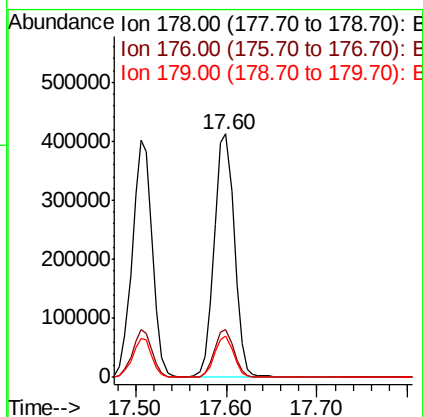
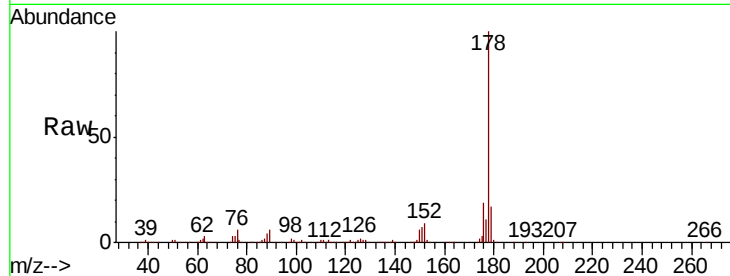
#72
 Anthracene
 Concen: 46.524 ng
 RT: 17.60 min Scan# 2470
 Delta R.T. 0.01 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	16.9	13.0	19.4

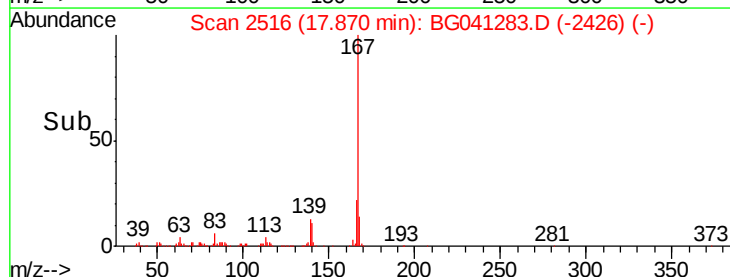
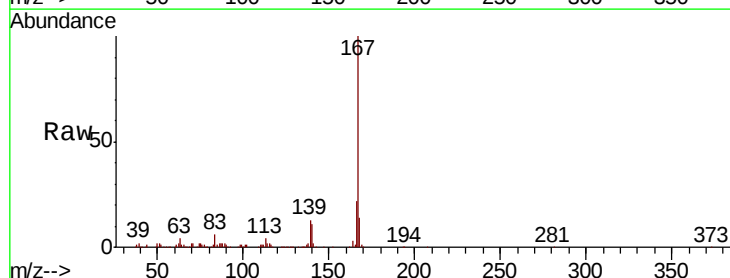
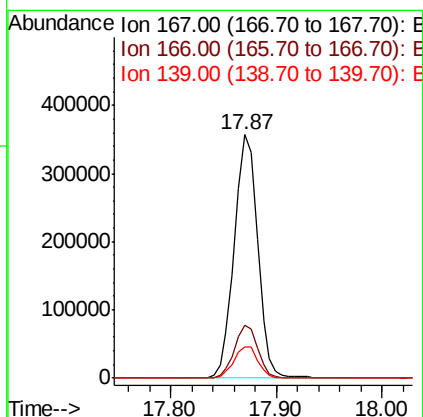
Manual Integrations
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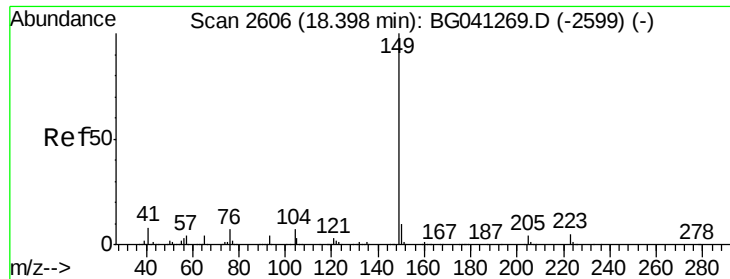
mohammad
 6/20/2019 10:48:48 AM



#73
 Carbazole
 Concen: 45.844 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.9	26.9
139	12.8	10.7	16.1





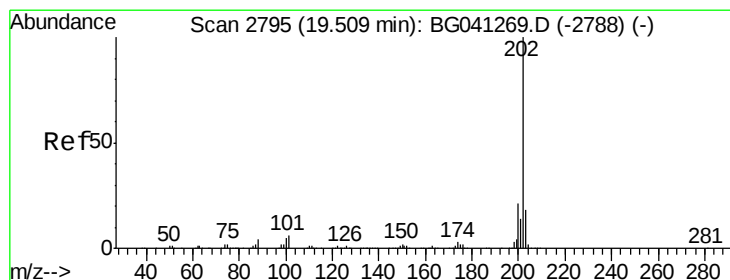
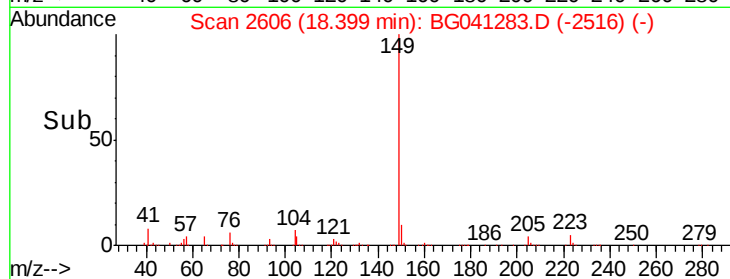
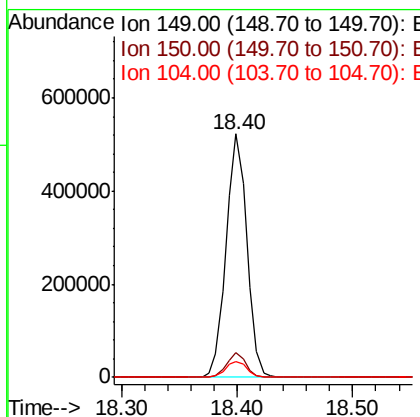
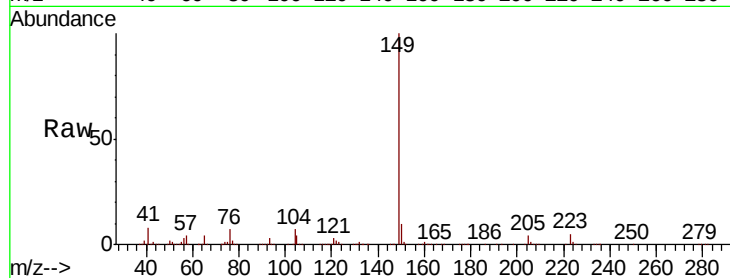
#74
Di-n-butylphthalate
Concen: 43.587 ng
RT: 18.40 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	10.1	8.1	12.1		
104	6.6	5.4	8.0		

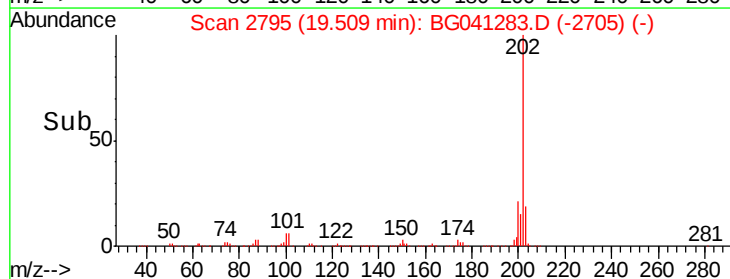
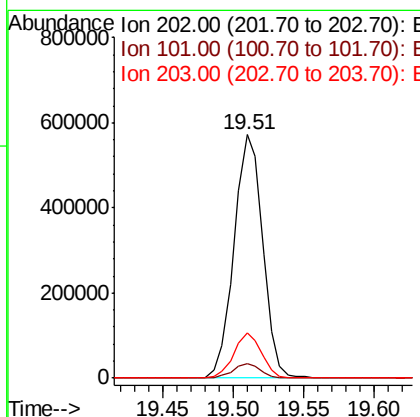
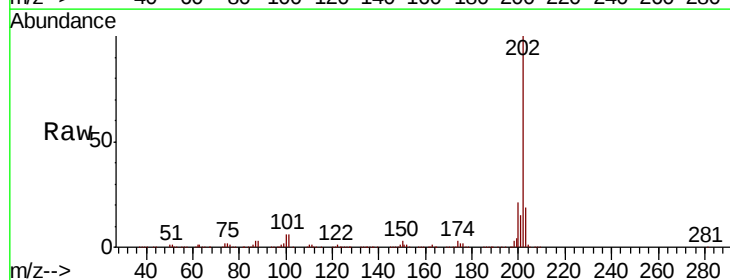
Manual Integrations
APPROVED

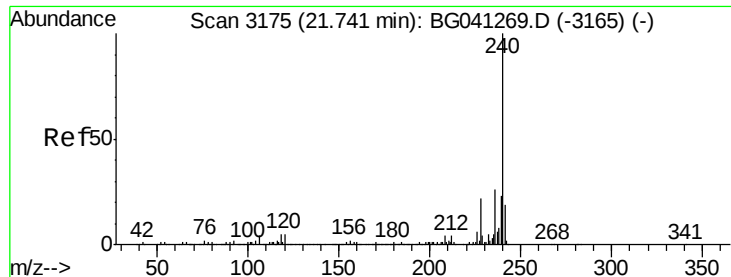
mohammad
6/20/2019 10:48:48 AM



#75
Fluoranthene
Concen: 44.062 ng
RT: 19.51 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	5.7	0.0	26.0		
203	18.5	0.0	37.7		





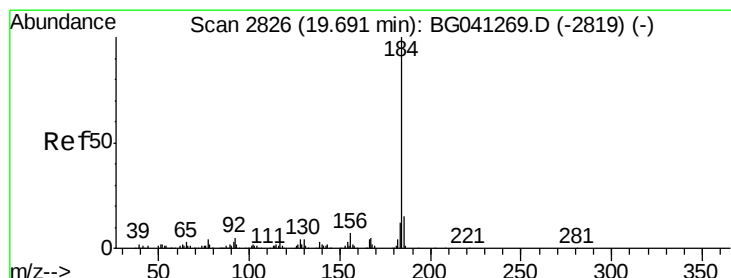
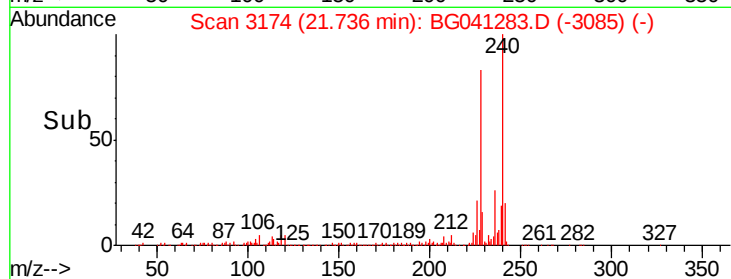
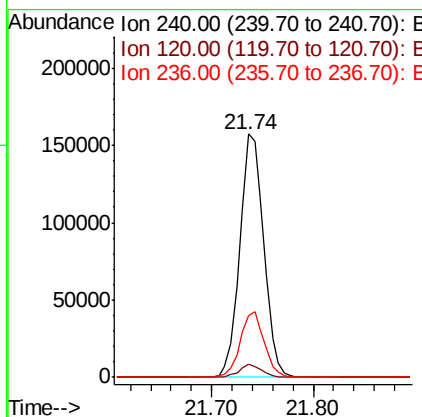
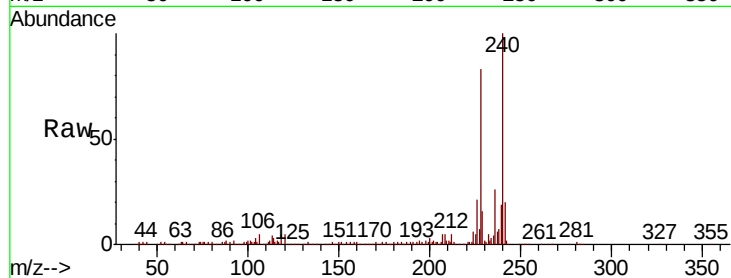
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	3.7	5.5
236	25.6	21.1	31.7

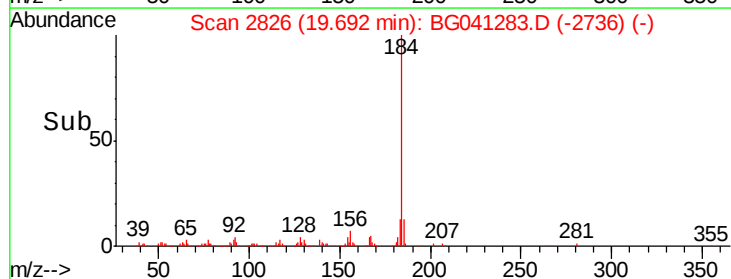
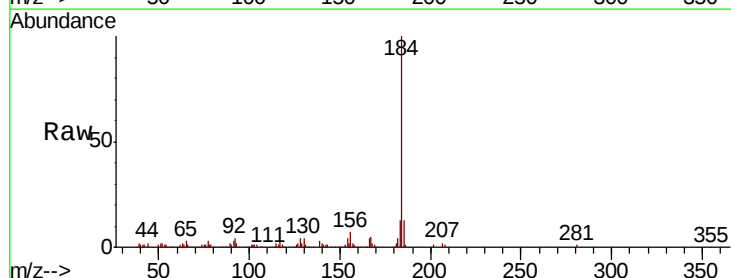
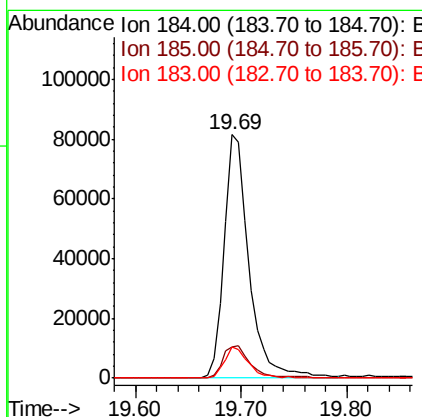
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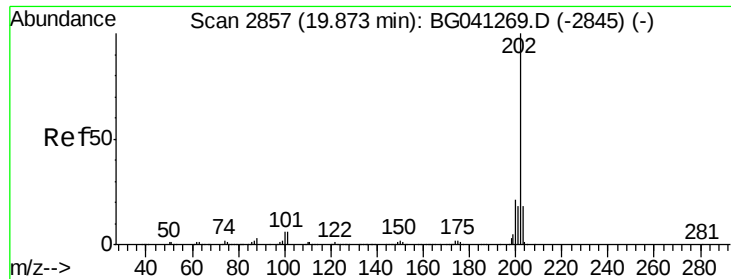
mohammad
6/20/2019 10:48:48 AM



#77
Benzidine
Concen: 21.451 ng
RT: 19.69 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.0	12.2	18.2
183	13.0	9.6	14.4





#78

Pvrene

Concen: 46.893 ng

RT: 19.87 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

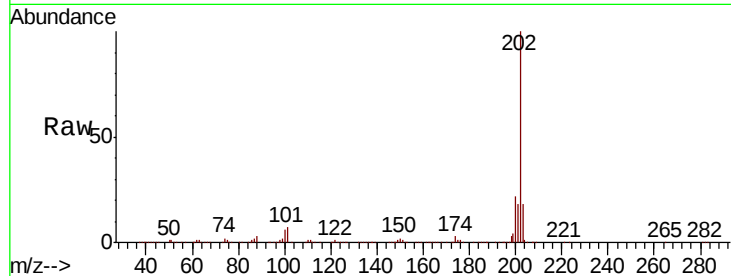
ClientSampleId :

JC-02-061419-AMS

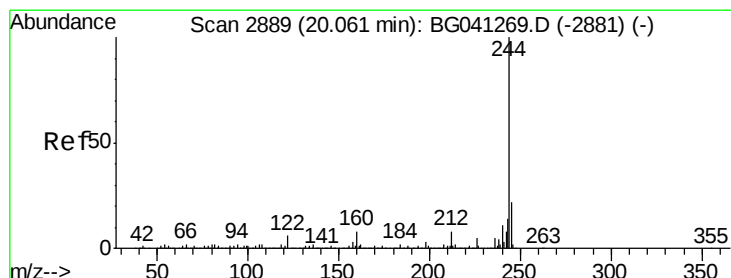
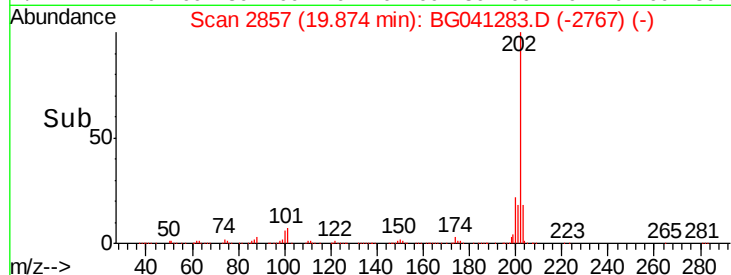
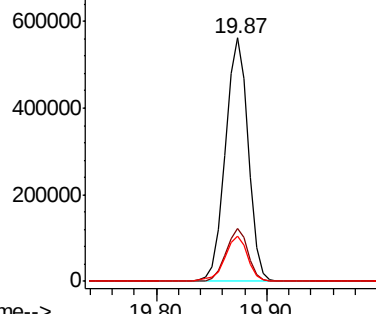
Tot Ion:	202	Resp:	814030
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.8	25.2
203	18.5	14.6	21.8

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



#79

Terphenyl-d14

Concen: 98.222 ng

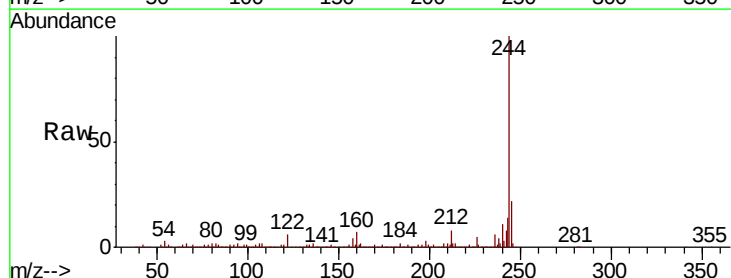
RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

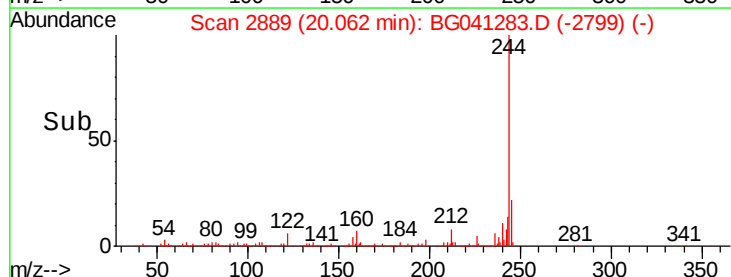
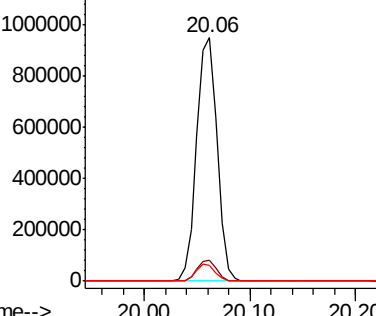
Lab File: BG041283.D

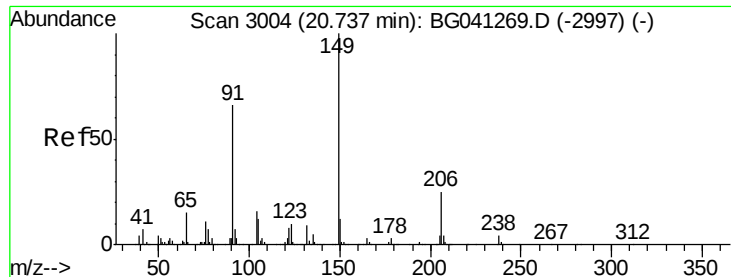
Acq: 17 Jun 2019 22:51

Tgt Ion:	244	Resp:	1275737
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.6	10.0
122	6.4	5.0	7.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#80

Butylbenzylphthalate

Concen: 44.887 ng

RT: 20.74 min Scan# 3004

Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

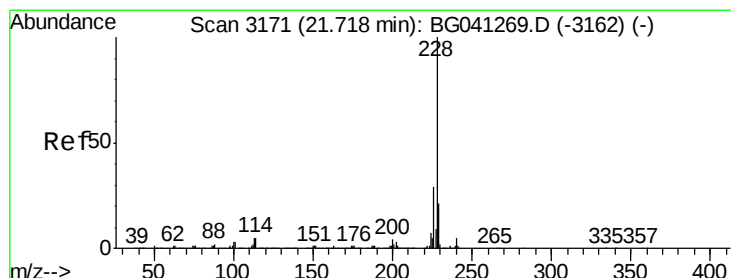
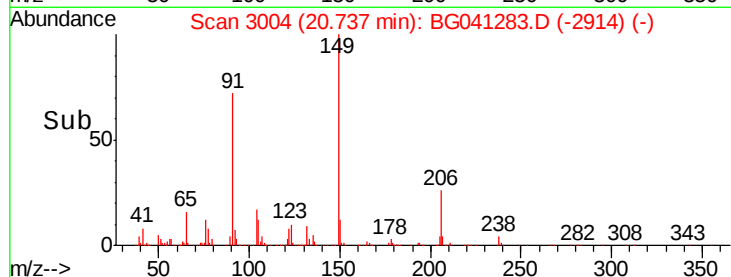
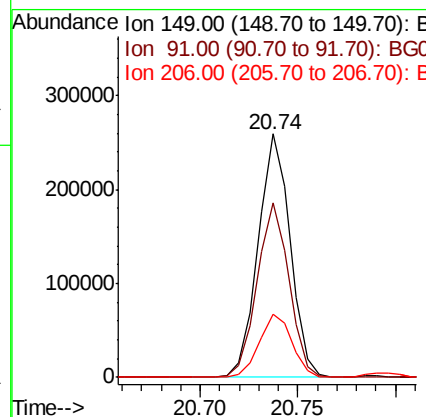
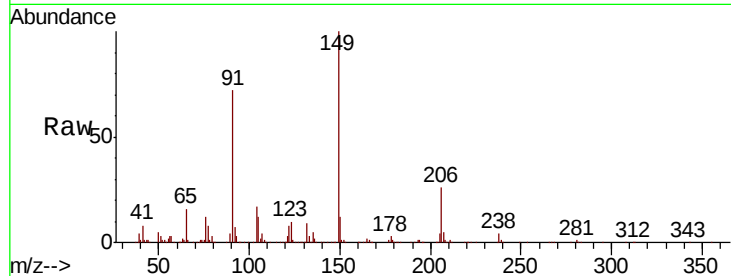
ClientSampleId :

JC-02-061419-AMS

Tot Ion:	149	Resp:	294735
Ion Ratio	Lower	Upper	
149	100		
91	71.8	53.2	79.8
206	26.0	20.3	30.5

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#81

Benzo(a)anthracene

Concen: 45.714 ng

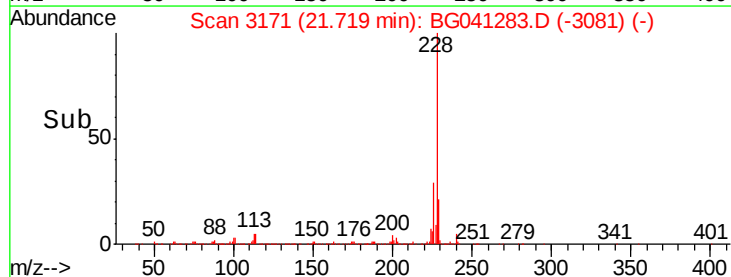
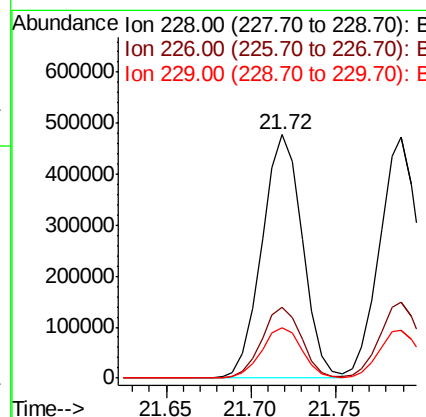
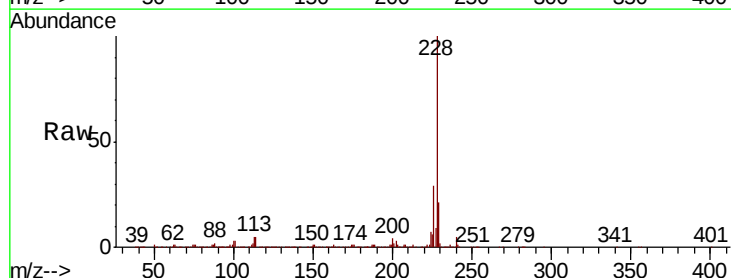
RT: 21.72 min Scan# 3171

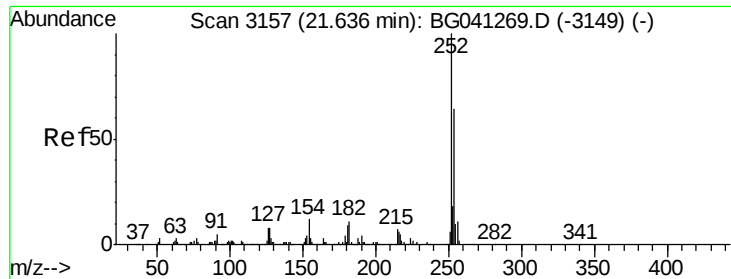
Delta R.T. 0.00 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Tgt Ion:	228	Resp:	796729
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.2	34.8
229	20.9	16.8	25.2





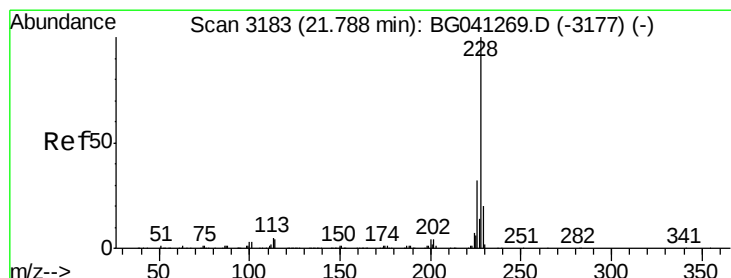
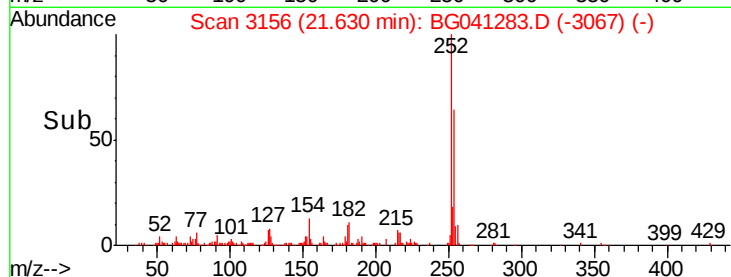
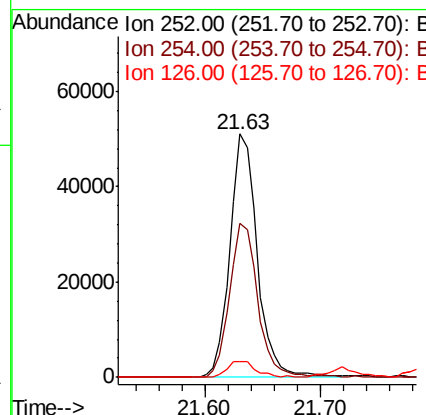
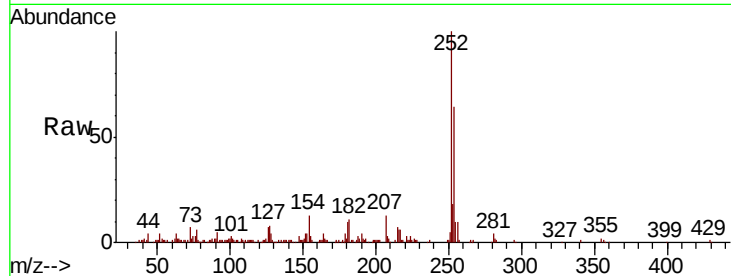
#82
 3,3'-Dichlorobenzidine
 Concen: 13.777 ng
 RT: 21.63 min Scan# 3156
 Delta R.T. -0.01 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.4	77.0
126	6.6	6.0	9.0

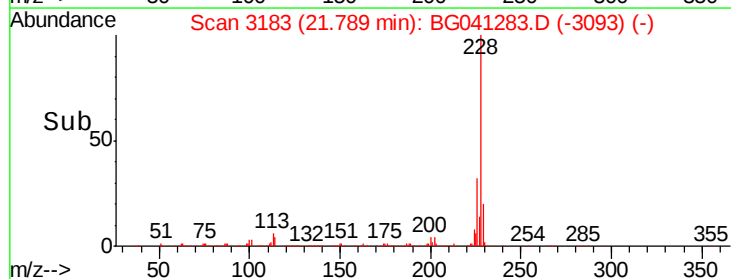
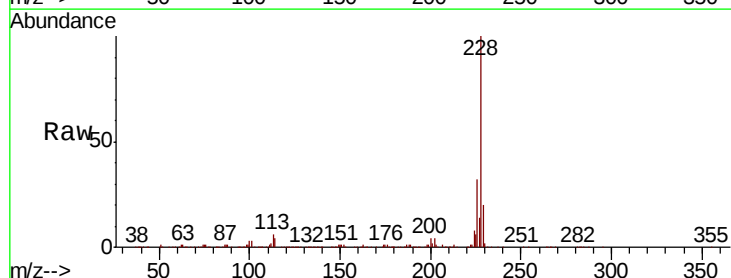
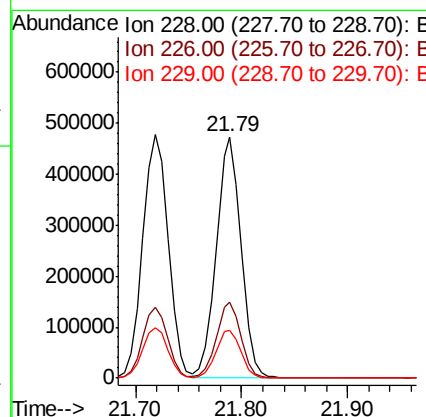
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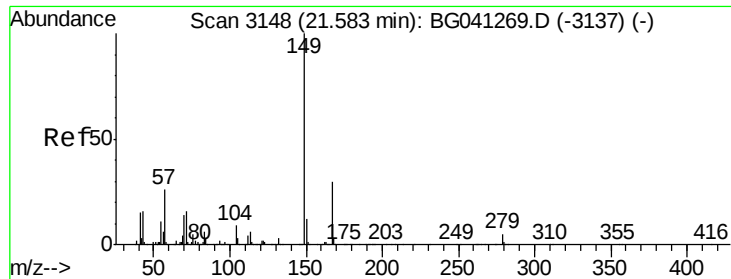
mohammad
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#83
 Chrysene
 Concen: 45.992 ng
 RT: 21.79 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.4	38.0
229	19.9	16.2	24.2





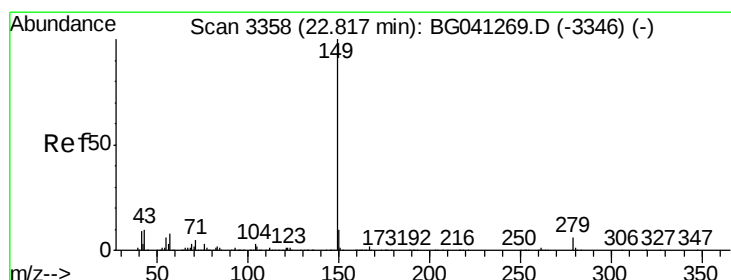
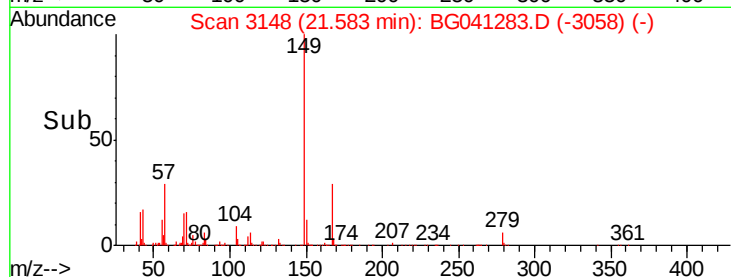
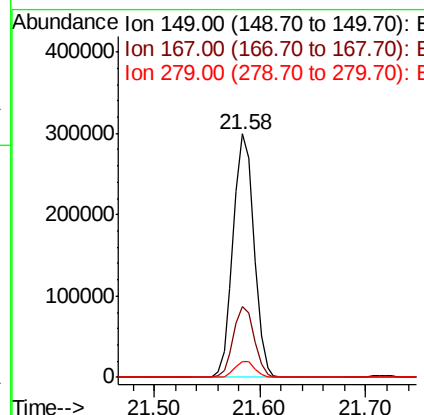
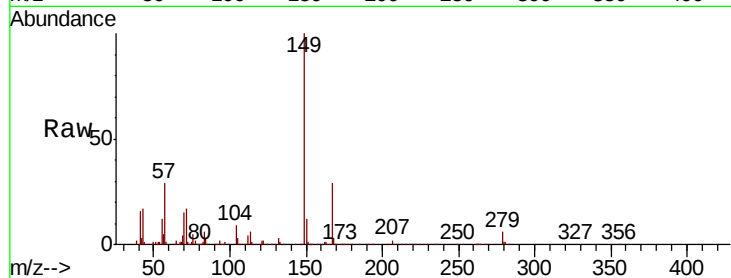
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.653 ng
 RT: 21.58 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-061419-AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	408519		
167	28.8		23.8	35.8
279	6.2		4.4	6.6

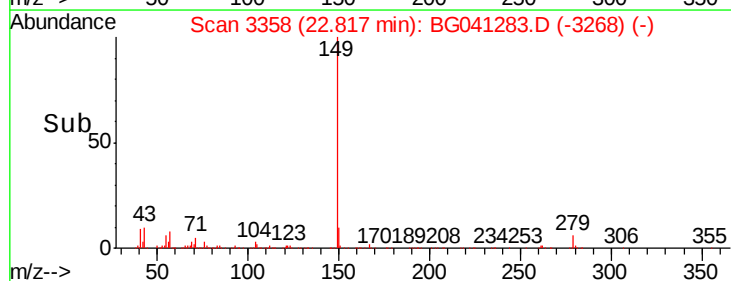
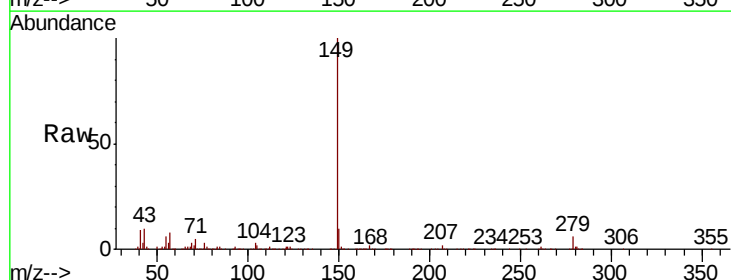
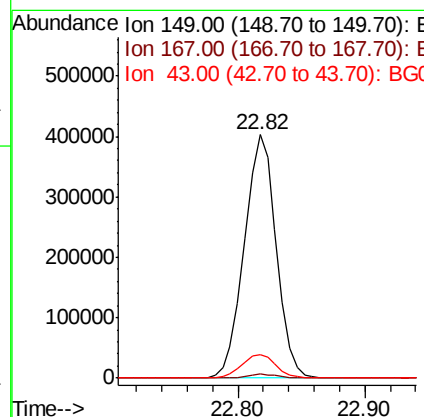
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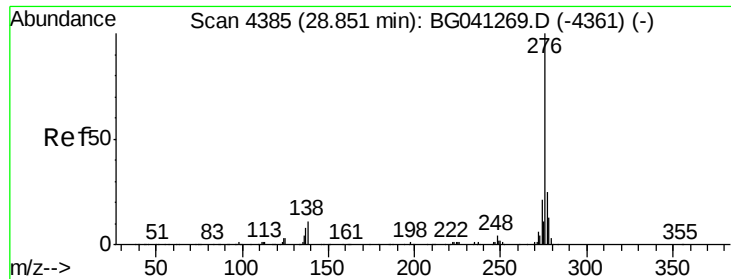
mohammad
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#85
 Di-n-octyl phthalate
 Concen: 46.244 ng
 RT: 22.82 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: BG041283.D
 Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	700098		
167	1.8		1.4	2.0
43	10.2		8.2	12.2





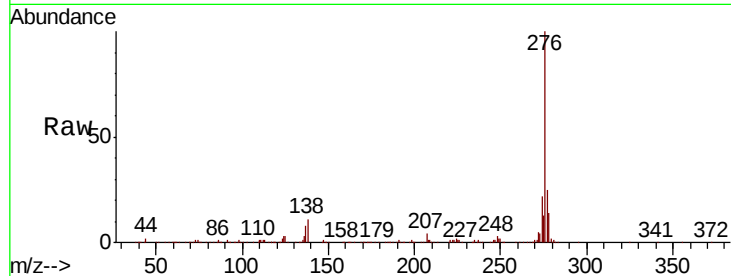
#86
Indeno(1,2,3-cd)pyrene
Concen: 45.557 ng
RT: 28.86 min Scan# 4386
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
276	100		
138	8.6	7.7	11.5
277	26.1	20.6	31.0

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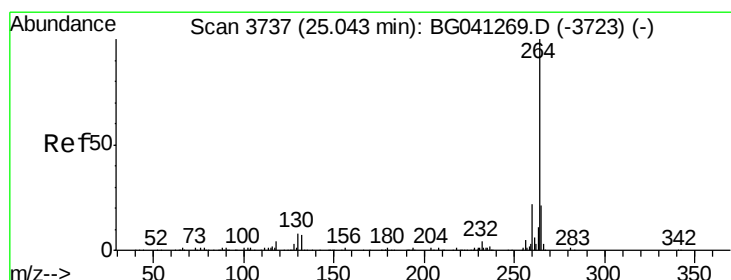
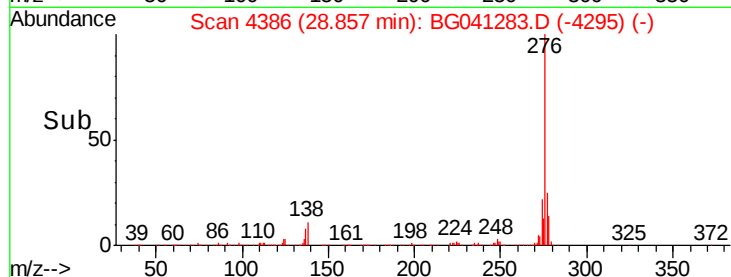
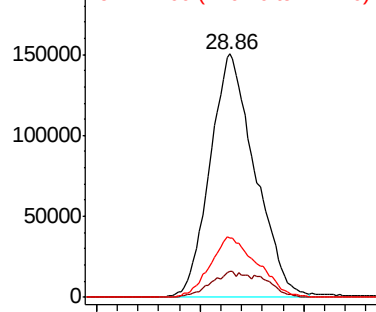


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

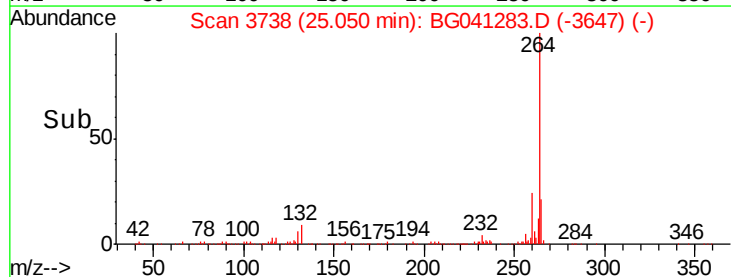
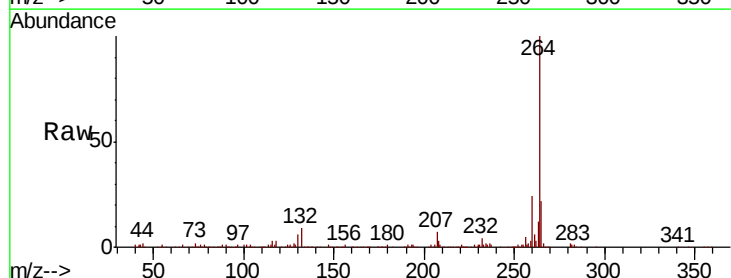
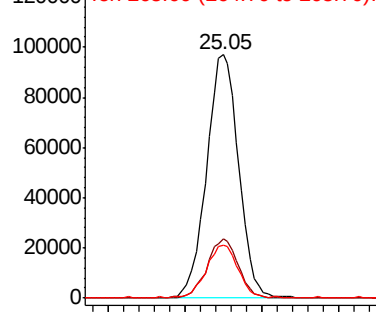
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.2
265	21.7	17.2	25.8

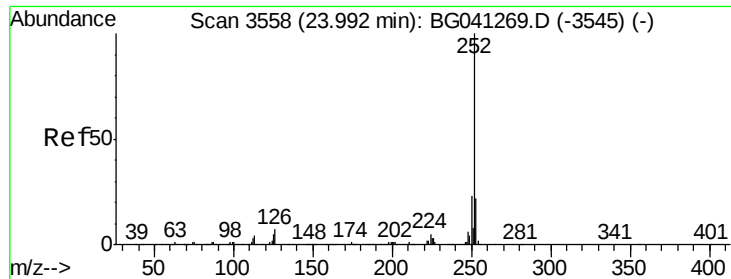
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





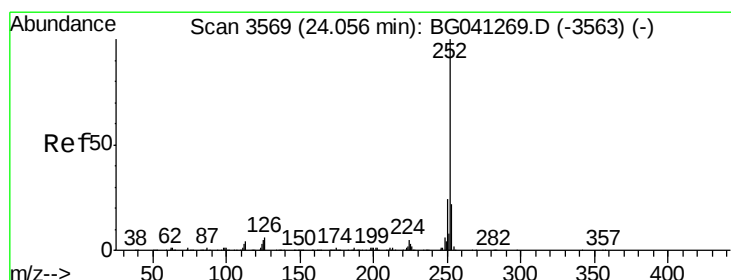
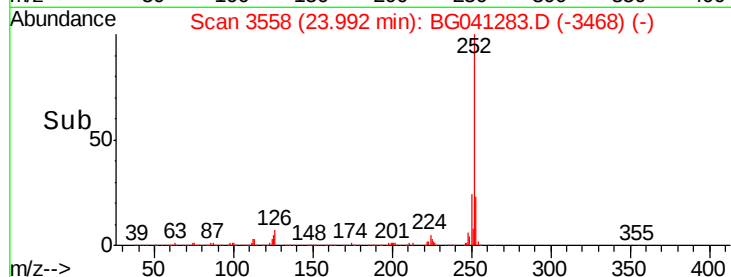
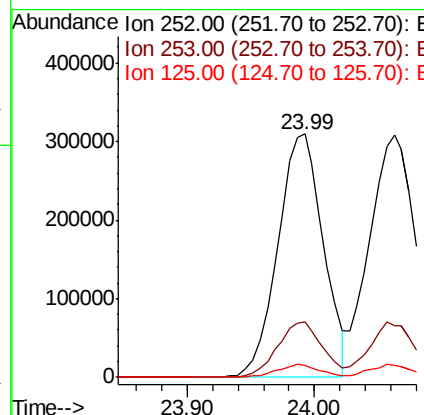
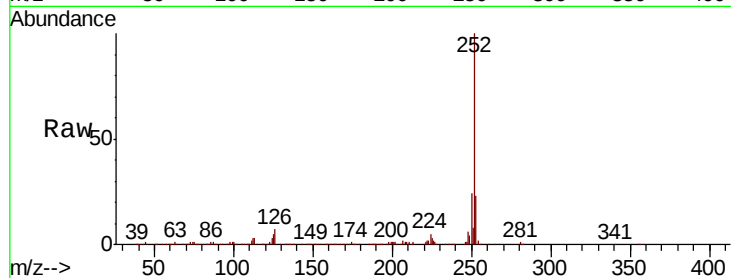
#88
Benzo(b)fluoranthene
Concen: 43.984 ng
RT: 23.99 min Scan# 3558
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	4.8	3.9	5.9

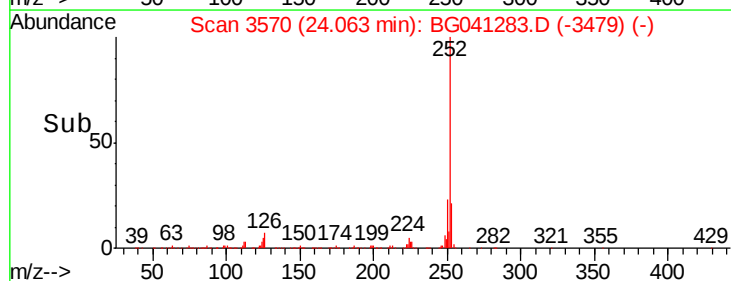
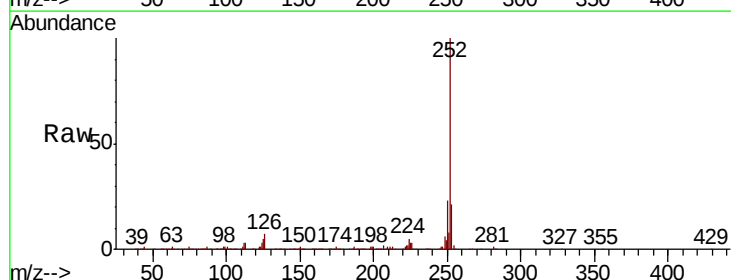
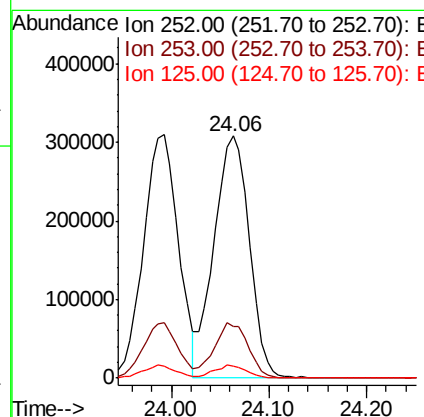
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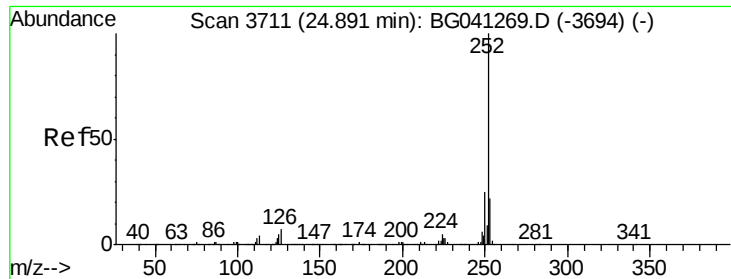
mohammad
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#89
Benzo(k)fluoranthene
Concen: 44.704 ng
RT: 24.06 min Scan# 3570
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	5.1	4.3	6.5





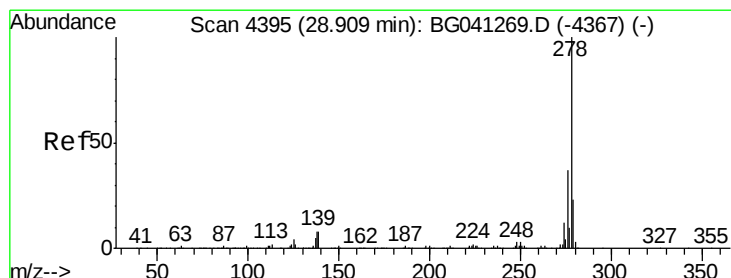
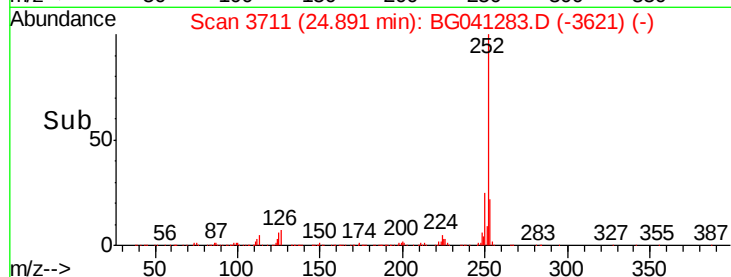
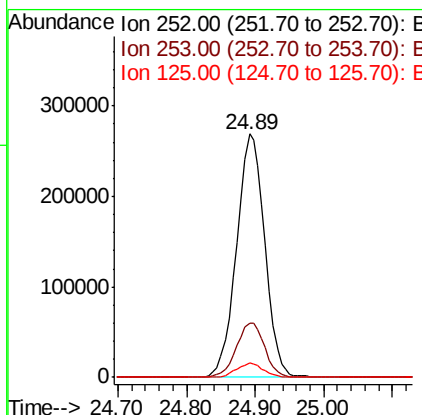
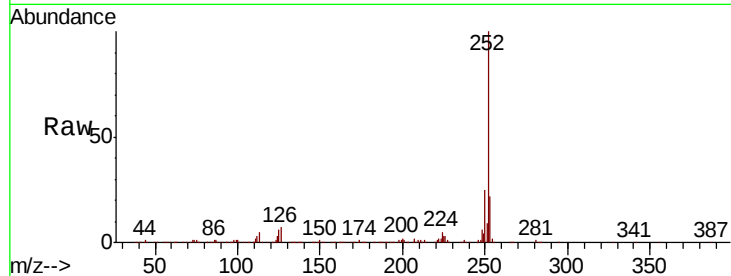
#90
Benzo(a)pyrene
Concen: 46.501 ng
RT: 24.89 min Scan# 3711
Delta R.T. 0.00 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Instrument :
BNA_G
ClientSampleId :
JC-02-061419-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	6.1	4.2	6.4

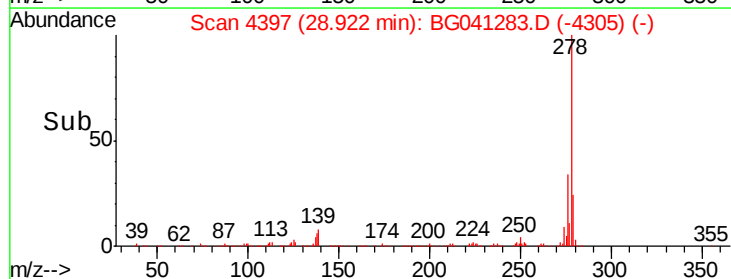
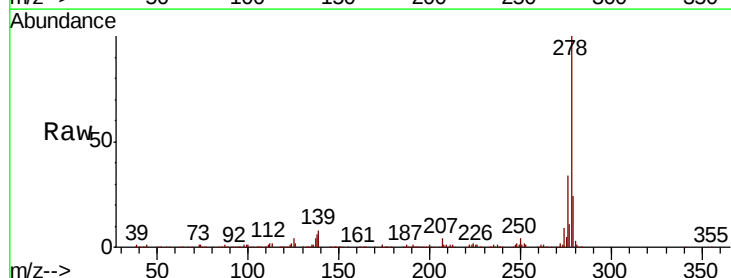
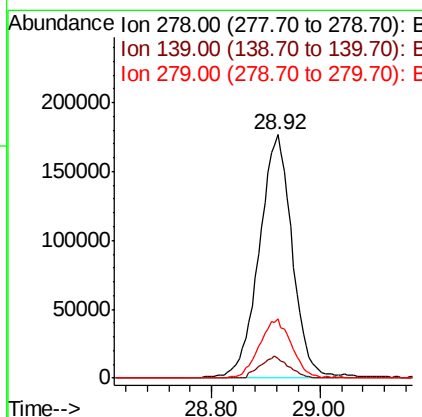
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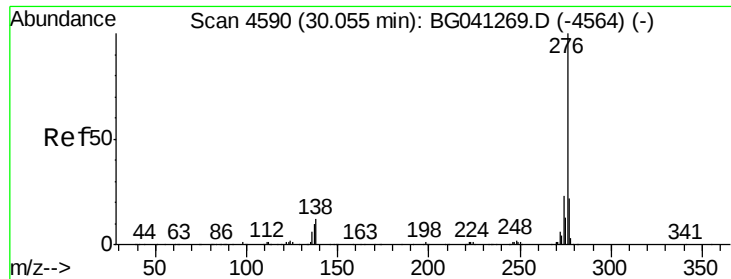
mohammad
6/20/2019 10:48:48 AM



#91
Dibenzo(a,h)anthracene
Concen: 44.846 ng
RT: 28.92 min Scan# 4397
Delta R.T. 0.01 min
Lab File: BG041283.D
Acq: 17 Jun 2019 22:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.0	6.6	10.0
279	24.3	18.5	27.7





#92

Benzo(a,h,i)perylene

Concen: 45.149 ng

RT: 30.06 min Scan# 4591

Delta R.T. 0.01 min

Lab File: BG041283.D

Acq: 17 Jun 2019 22:51

Instrument :

BNA_G

ClientSampleId :

JC-02-061419-AMS

Tot Ion:	276	Resp:	741001
Ion Ratio		Lower	Upper
276	100		
277	24.6	17.9	26.9
138	10.3	9.4	14.0

Manual Integrations
APPROVED

mohammad
6/20/2019 10:48:48 AM

