

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\
 Data File : BM021059.D
 Acq On : 20 Jun 2019 10:48
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Manual Integrations
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 6/21/2019 10:01:40 PM

Quant Time: Jun 20 13:10:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 20 12:21:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	229042	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	999552	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	660351	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1573372	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1489374	20.00	ng	0.00
87) Perylene-d12	23.63	264	1515851	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	499680	38.38	ng	0.00
7) Phenol-d6	6.95	99	706829	36.87	ng	0.00
23) Nitrobenzene-d5	8.94	82	747475	38.75	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	467415	57.13	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	2104105	42.36	ng	0.00
79) Terphenyl-d14	19.79	244	3163412	35.53	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	100424	18.838	ng	100
3) Pyridine	3.72	79	285408	16.827	ng	99
4) n-Nitrosodimethylamine	3.63	42	97662	13.357	ng	# 97
6) Aniline	7.12	93	473644	17.074	ng	100
8) 2-Chlorophenol	7.35	128	300481	18.550	ng	98
9) Benzaldehyde	6.93	77	229983	21.189	ng	98
10) Phenol	6.97	94	358622	17.357	ng	99
11) bis(2-Chloroethyl)ether	7.21	93	286677	17.410	ng	99
12) 1,3-Dichlorobenzene	7.67	146	371855	19.975	ng	98
13) 1,4-Dichlorobenzene	7.82	146	377037	19.922	ng	98
14) 1,2-Dichlorobenzene	8.13	146	365939	19.869	ng	97
15) Benzyl Alcohol	8.02	79	280222	16.521	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.30	45	378381	14.884	ng	98
17) 2-Methylphenol	8.22	107	255837	17.609	ng	99
18) Hexachloroethane	8.85	117	134524	18.565	ng	94
19) n-Nitroso-di-n-propylamine	8.59	70	258426	16.768	ng	99
20) 3+4-Methylphenols	8.55	107	349171	17.664	ng	98
22) Acetophenone	8.60	105	498791	19.643	ng	99
24) Nitrobenzene	8.99	77	373467	18.963	ng	98
25) Isophorone	9.50	82	698014	18.189	ng	99
26) 2-Nitrophenol	9.69	139	170721	23.259	ng	96
27) 2,4-Dimethylphenol	9.75	122	266839	19.401	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	440515	18.985	ng	100
29) 2,4-Dichlorophenol	10.22	162	334931	22.010	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	406442	23.229	ng	97
31) Naphthalene	10.62	128	1039771	20.229	ng	99
32) Benzoic acid	9.86	122	196449m	25.510	ng	
33) 4-Chloroaniline	10.74	127	465703	19.468	ng	99
34) Hexachlorobutadiene	10.89	225	252657	24.065	ng	99
35) Caprolactam	11.53	113	103859m	19.646	ng	
36) 4-Chloro-3-methylphenol	11.86	107	344644	19.480	ng	100
37) 2-Methylnaphthalene	12.23	142	797632	20.936	ng	97
38) 1-Methylnaphthalene	12.45	142	761712	20.997	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	477254	22.054	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	267838	20.694	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	311213	22.342	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	325531	22.637	ng	99
46) 1,1'-Biphenyl	13.25	154	1107449	20.081	ng	99
47) 2-Chloronaphthalene	13.29	162	896411	20.139	ng	99
48) 2-Nitroaniline	13.50	65	235951	16.889	ng	94
49) Acenaphthylene	14.15	152	1370948	19.740	ng	99
50) Dimethylphthalate	13.88	163	1157672	20.520	ng	100
51) 2,6-Dinitrotoluene	14.00	165	242780	21.193	ng	99
52) Acenaphthene	14.49	154	826886	19.979	ng	99
53) 3-Nitroaniline	14.34	138	242233	18.945	ng	97
54) 2,4-Dinitrophenol	14.54	184	121557	30.043	ng	97
55) Dibenzofuran	14.82	168	1355045	21.080	ng	99
56) 4-Nitrophenol	14.64	139	185507	19.688	ng	95
57) 2,4-Dinitrotoluene	14.79	165	330591	21.553	ng	95
58) Fluorene	15.47	166	1094176	20.699	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.04	232	316636	25.268	ng	99
60) Diethylphthalate	15.24	149	1140856	19.607	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	613748	21.928	ng	98
62) 4-Nitroaniline	15.50	138	260255	19.192	ng	100
63) Azobenzene	15.76	77	942236	16.891	ng	97
65) 4,6-Dinitro-2-methylphenol	15.56	198	168264	25.879	ng	100
66) n-Nitrosodiphenylamine	15.68	169	962764	19.115	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	399646	21.574	ng	98
68) Hexachlorobenzene	16.47	284	477774	22.087	ng	100
69) Atrazine	16.64	200	350615	23.324	ng	99
70) Pentachlorophenol	16.82	266	249015	24.130	ng	99
71) Phenanthrene	17.21	178	1809041	20.284	ng	100
72) Anthracene	17.30	178	1773220	19.865	ng	99
73) Carbazole	17.57	167	1564139	19.310	ng	100
74) Di-n-butylphthalate	18.13	149	1925650	18.313	ng	100
75) Fluoranthene	19.23	202	2104958	21.224	ng	99
77) Benzidine	19.42	184	959970	21.271	ng	99
78) Pyrene	19.59	202	2153945	18.846	ng	99
80) Butylbenzylphthalate	20.49	149	810199	16.774	ng	95
81) Benzo(a)anthracene	21.33	228	2037780	19.647	ng	100
82) 3,3'-Dichlorobenzidine	21.27	252	775025	20.406	ng	99
83) Chrysene	21.39	228	1945874	19.737	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1156151	16.470	ng	100
85) Di-n-octyl phthalate	22.15	149	1850382	16.603	ng	100
86) Indeno(1,2,3-cd)pyrene	25.93	276	2126733	21.085	ng	99
88) Benzo(b)fluoranthene	22.94	252	1945077	19.414	ng	99
89) Benzo(k)fluoranthene	22.99	252	1906109	19.468	ng	100
90) Benzo(a)pyrene	23.53	252	1754904	19.311	ng	99
91) Dibenzo(a,h)anthracene	25.94	278	1767086	20.043	ng	99
92) Benzo(g,h,i)perylene	26.63	276	1647575	20.119	ng	99

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

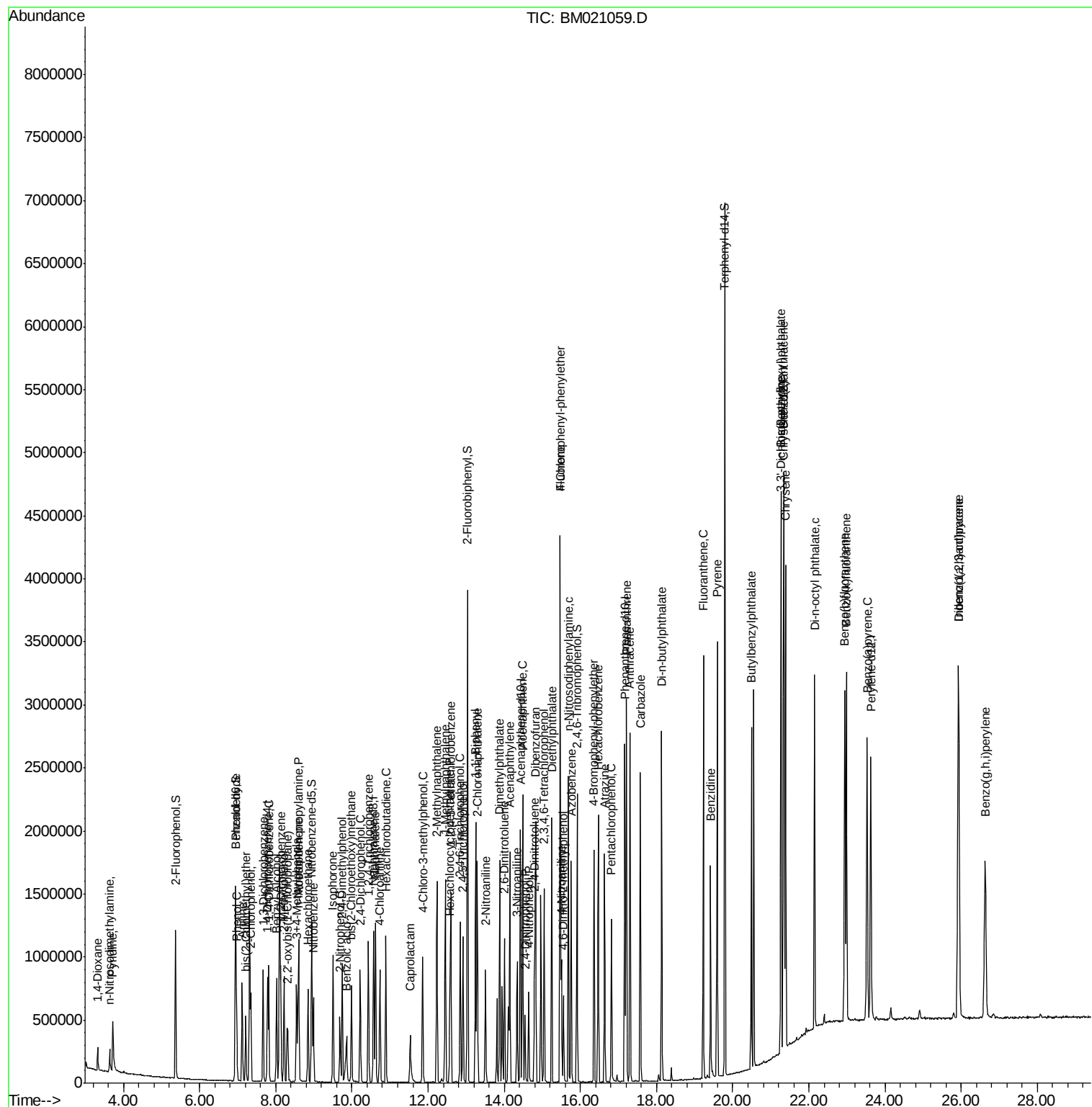
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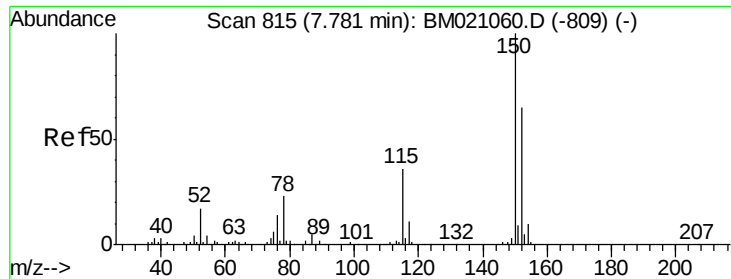
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#1

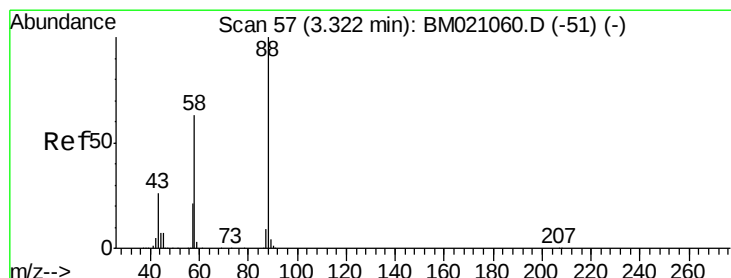
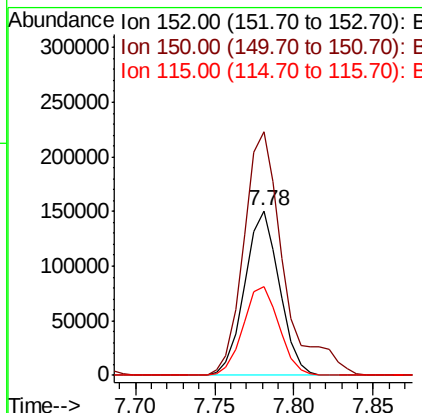
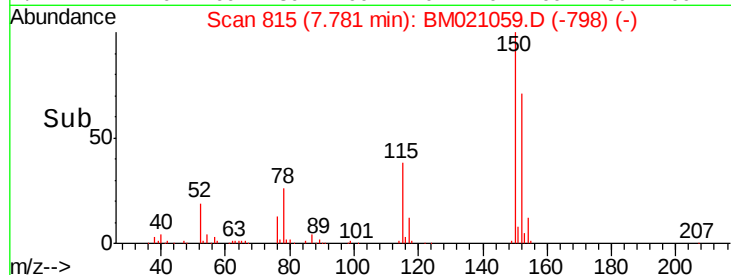
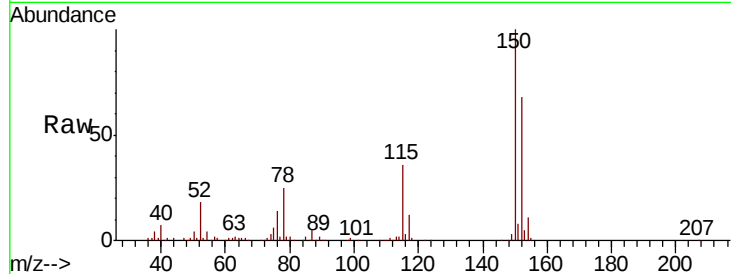
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	123.1	184.7
115	53.7	44.2	66.4

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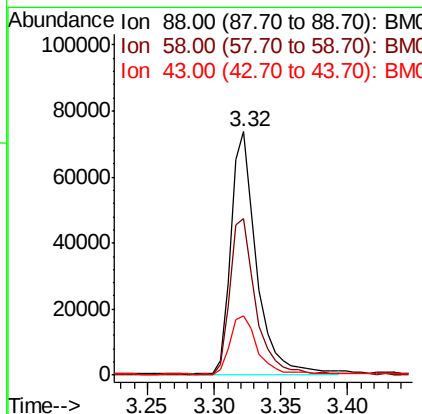
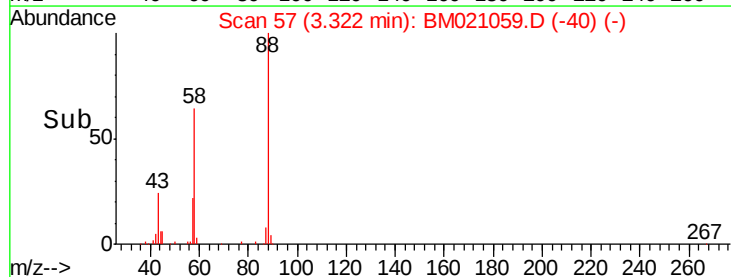
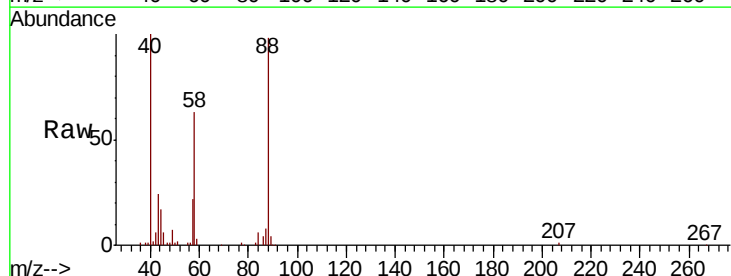
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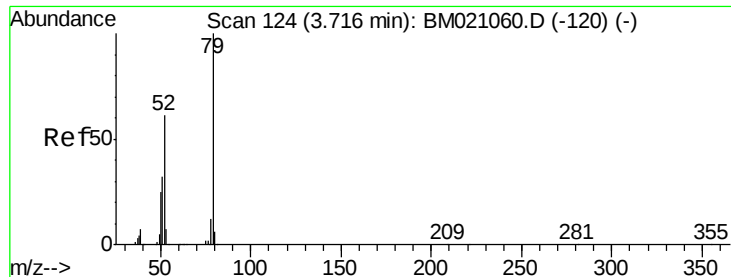


#2

1,4-Dioxane
Concen: 18.838 ng
RT: 3.32 min Scan# 57
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.7	51.9	77.9
43	26.8	21.4	32.2





#3

Pvridine

Concen: 16.827 ng

RT: 3.72 min Scan# 125

Delta R.T. 0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

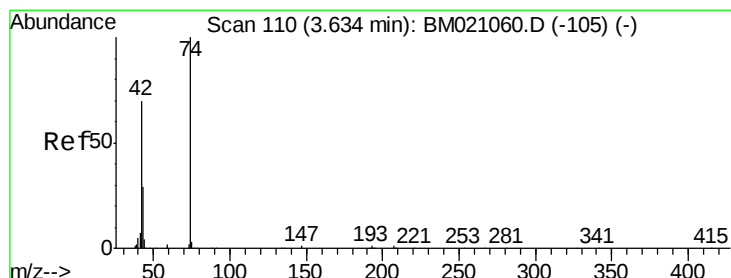
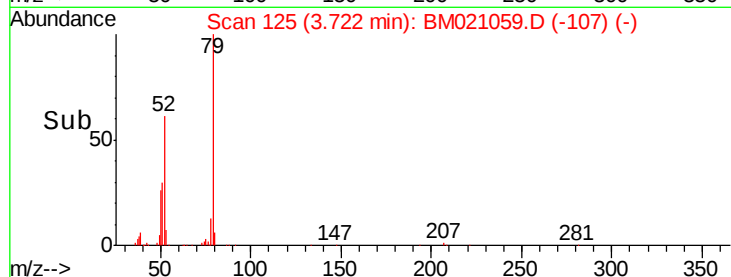
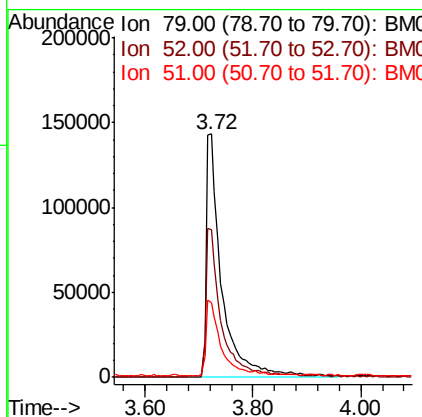
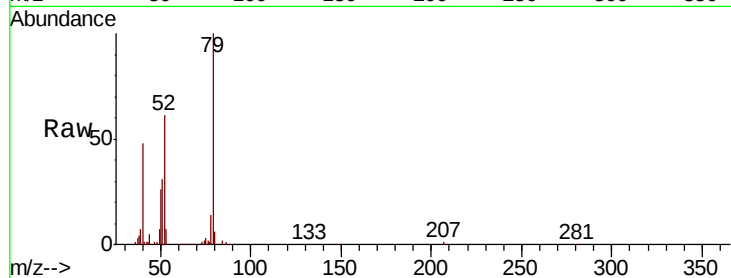
ClientSampleId :

SSTDICC020

Tot Ion:	79	Resp:	285408
Ion Ratio	Lower	Upper	
79	100		
52	60.8	48.8	73.2
51	30.8	25.7	38.5

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#4

n-Nitrosodimethylamine

Concen: 13.357 ng

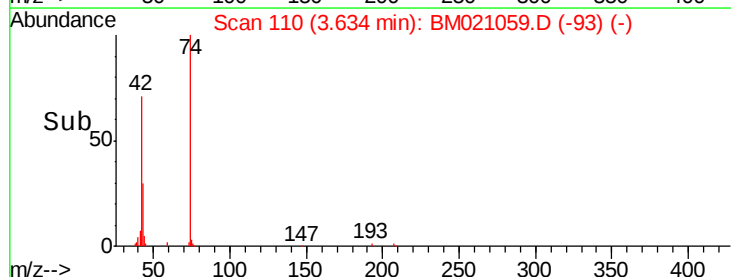
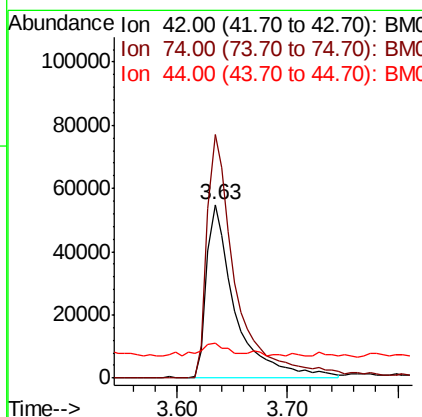
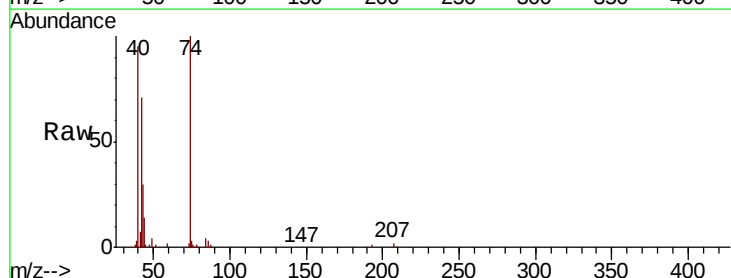
RT: 3.63 min Scan# 110

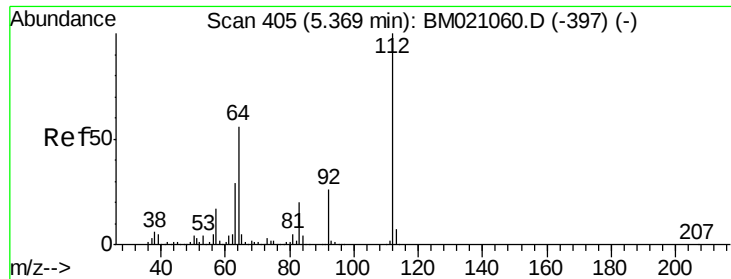
Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:	42	Resp:	97662
Ion Ratio	Lower	Upper	
42	100		
74	140.6	113.8	170.6
44	20.3	8.2	12.2#





#5

2-Fluorophenol

Concen: 38.376 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

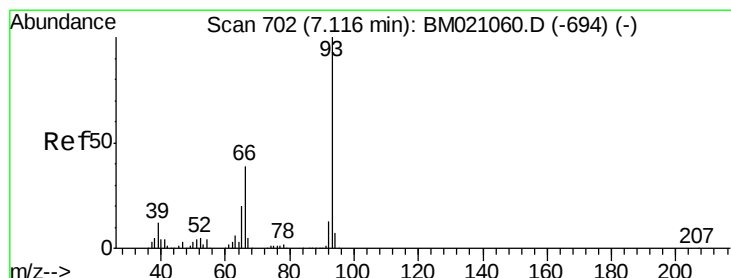
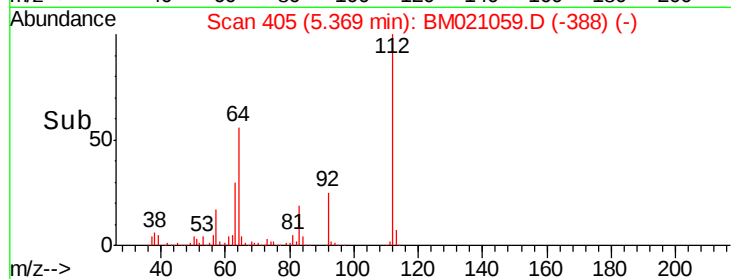
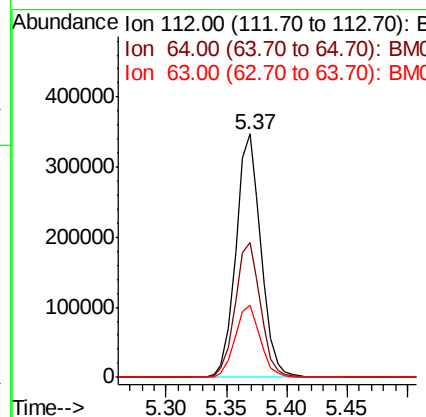
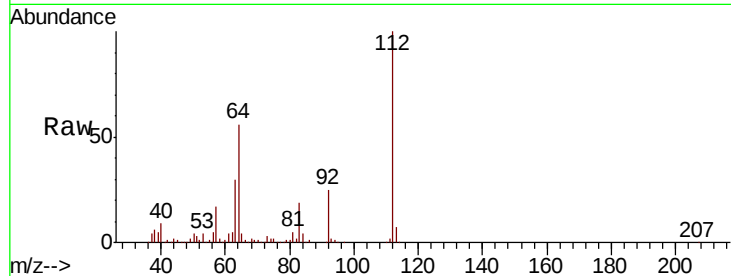
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SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
112	100	499680		
64	55.5	45.2	67.8	
63	29.5	23.5	35.3	

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#6

Aniline

Concen: 17.074 ng

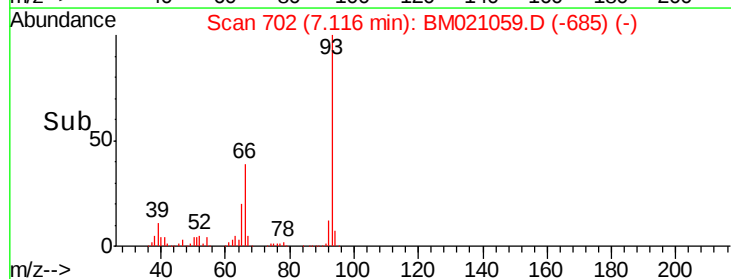
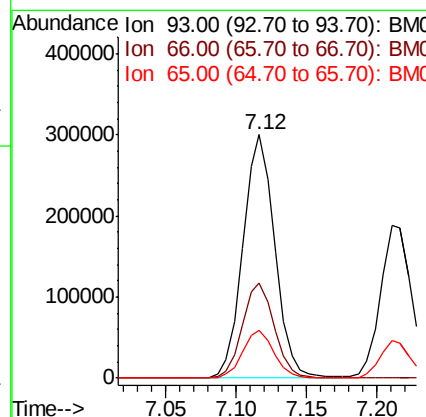
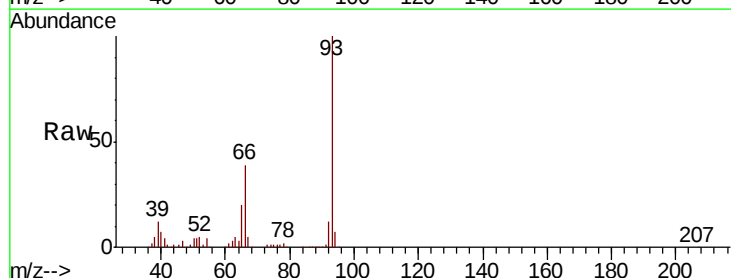
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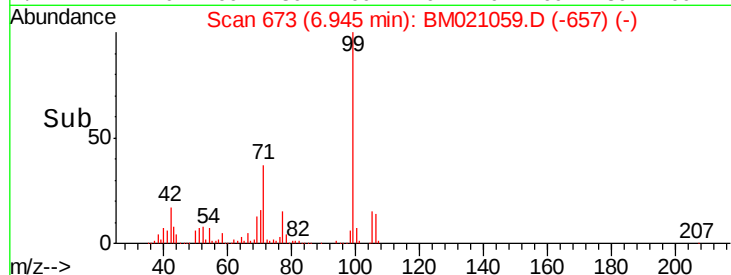
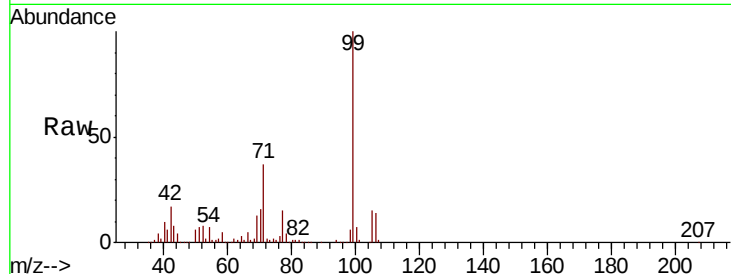
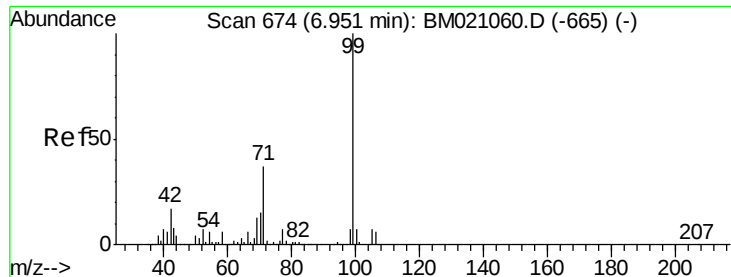
Delta R.T. -0.00 min

Lab File: BM021059.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	473644		
66	39.2	31.3	46.9	
65	19.8	15.9	23.9	





#7

Phenol-d6

Concen: 36.867 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		706829		
42	17.4	13.5	20.3		
71	37.0	29.3	43.9		

Instrument :

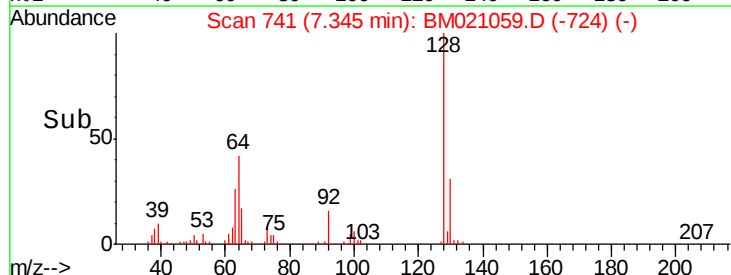
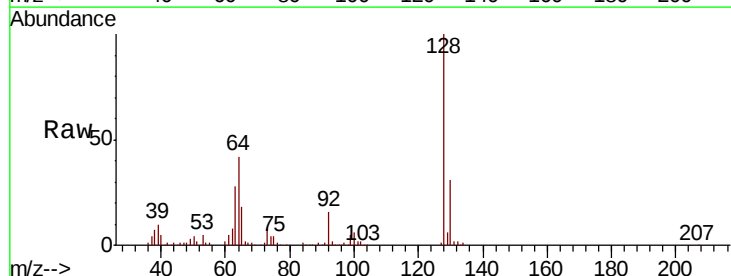
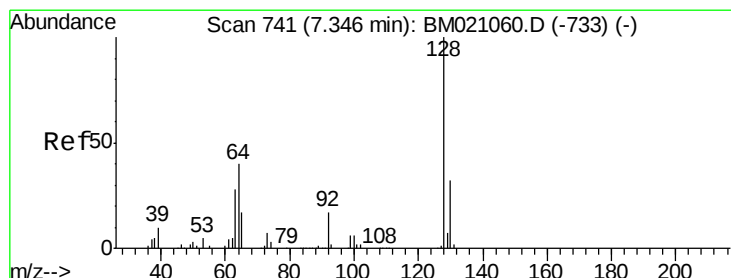
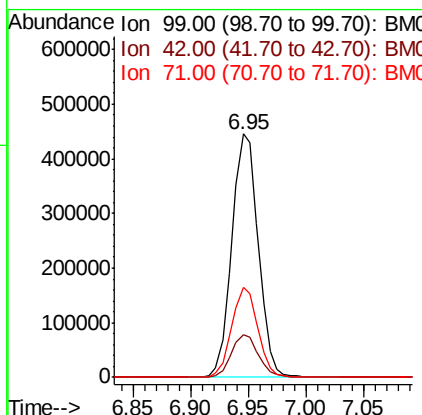
BNA_M

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SSTDIC020

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#8

2-Chlorophenol

Concen: 18.550 ng

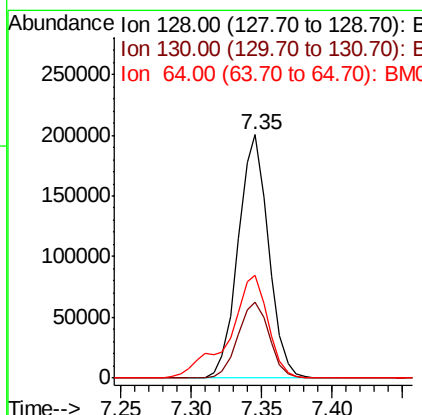
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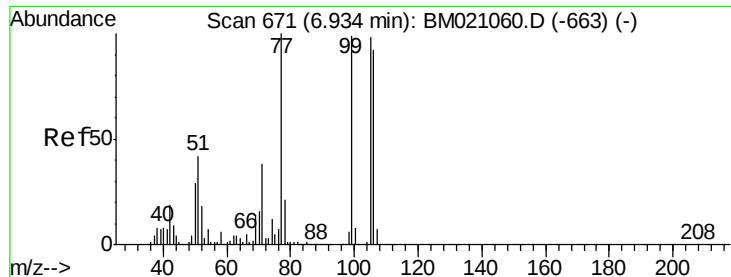
Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		300481		
130	31.2	12.2	52.2		
64	42.2	23.2	63.2		





#9

Benzaldehyde

Concen: 21.189 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

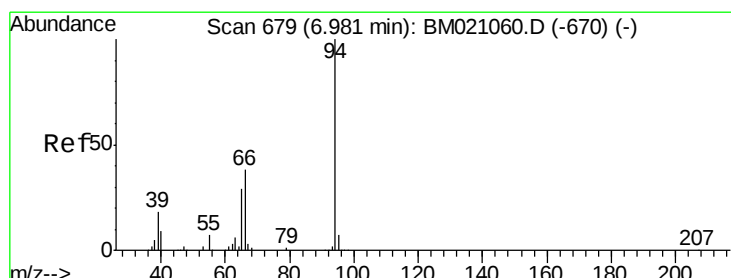
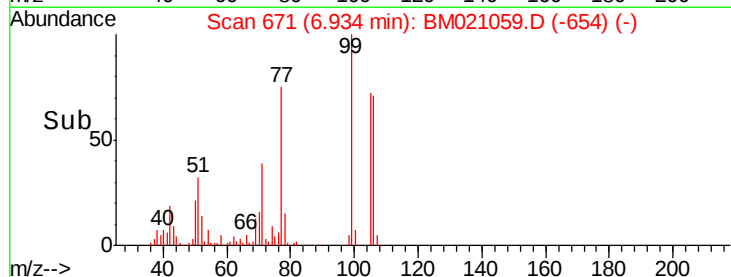
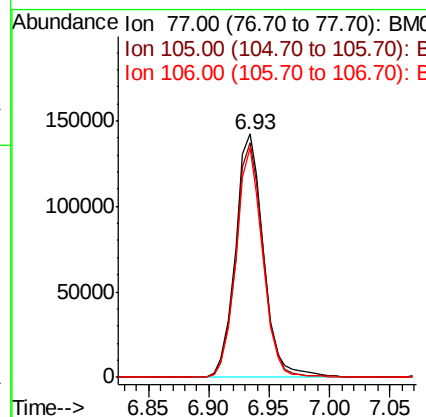
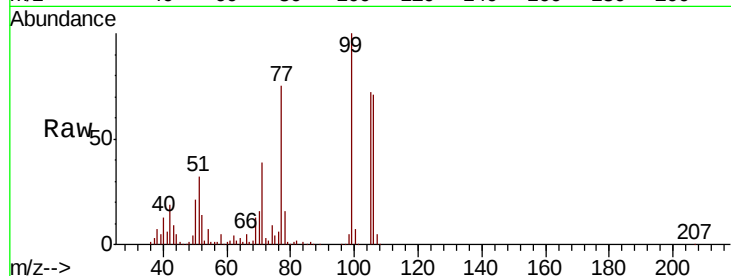
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Tot Ion:	77	Resp:	229983
Ion	Ratio	Lower	Upper
77	100		
105	96.5	77.8	117.8
106	94.5	71.8	111.8

Manual Integrations
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#10

Phenol

Concen: 17.357 ng

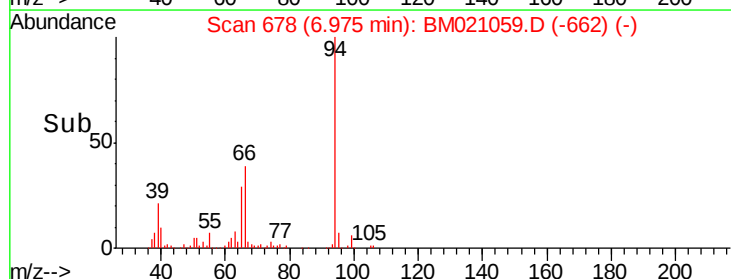
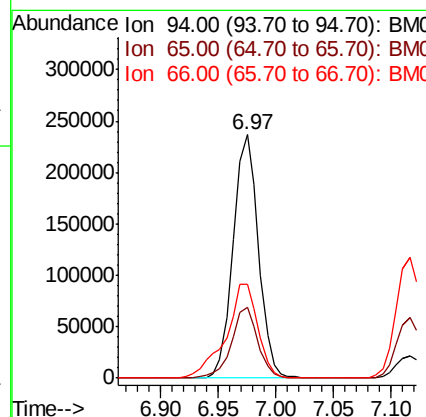
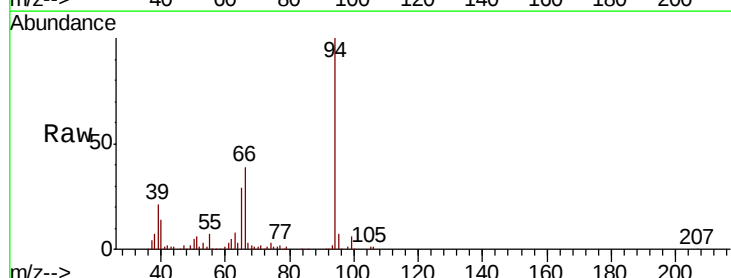
RT: 6.97 min Scan# 678

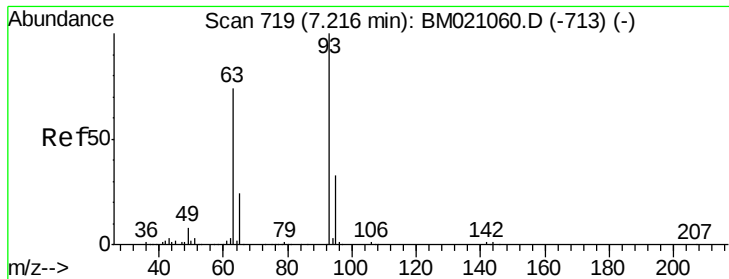
Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:	94	Resp:	358622
Ion	Ratio	Lower	Upper
94	100		
65	29.3	8.7	48.7
66	38.7	19.0	59.0





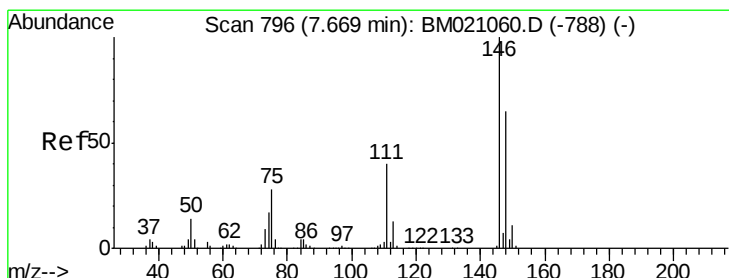
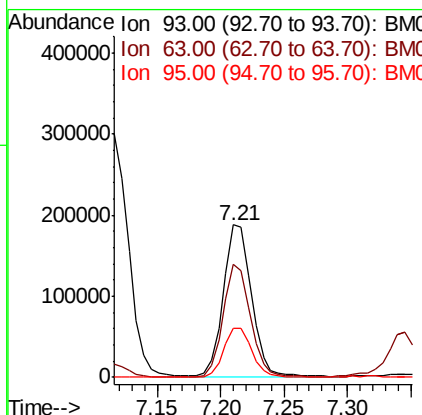
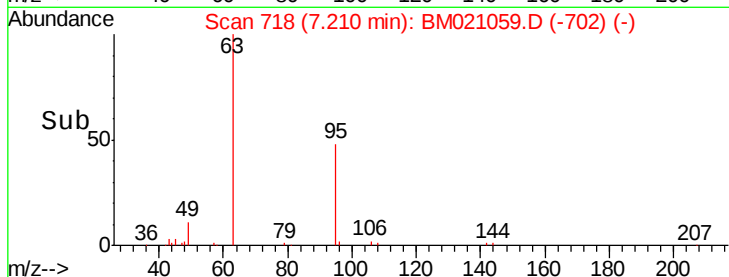
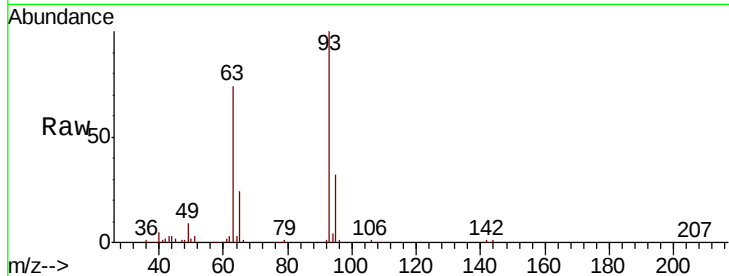
#11
bis(2-Chloroethyl)ether
Concen: 17.410 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion:	93	Resp:	286677
Ion	Ratio	Lower	Upper
93	100		
63	74.0	53.4	93.4
95	31.9	13.0	53.0

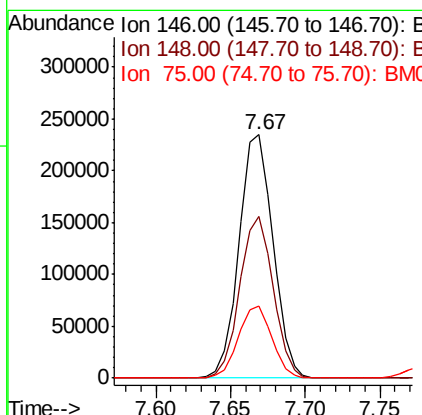
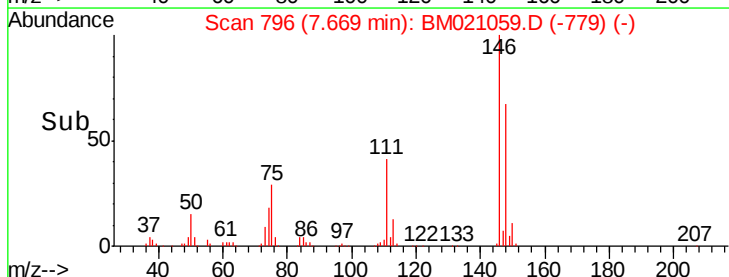
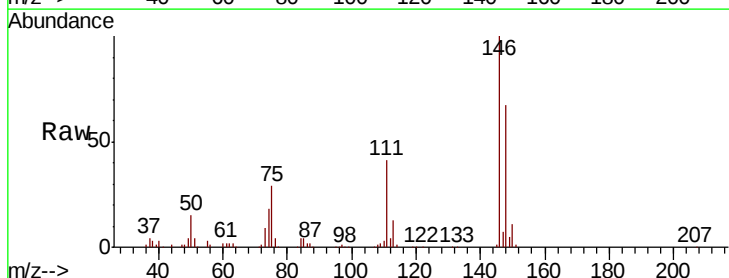
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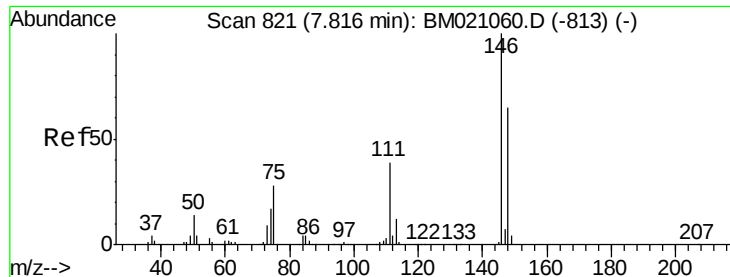
mohammad
6/21/2019 10:01:40 PM



#12
1,3-Dichlorobenzene
Concen: 19.975 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:	146	Resp:	371855
Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.2	78.2
75	29.5	22.2	33.4





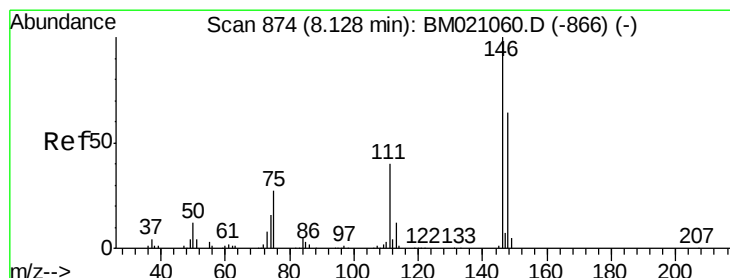
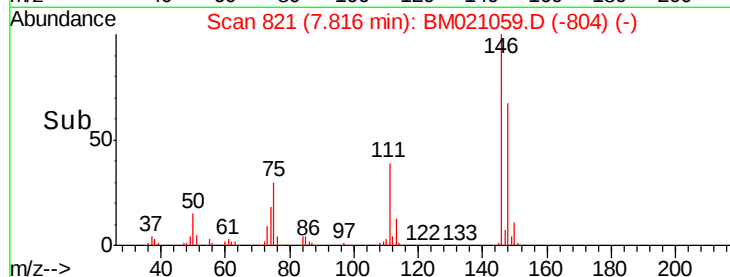
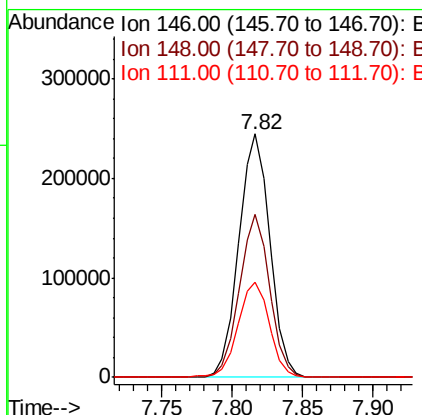
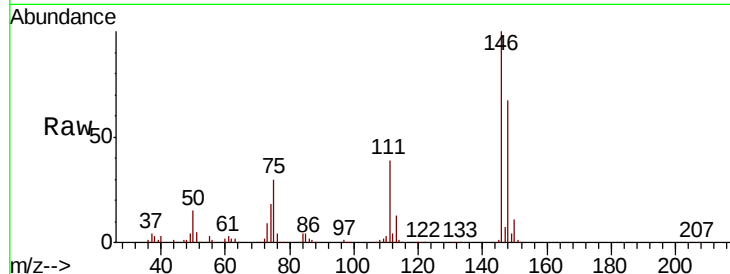
#13
 1,4-Dichlorobenzene
 Concen: 19.922 ng
 RT: 7.82 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	51.9	77.9
111	39.0	31.4	47.0

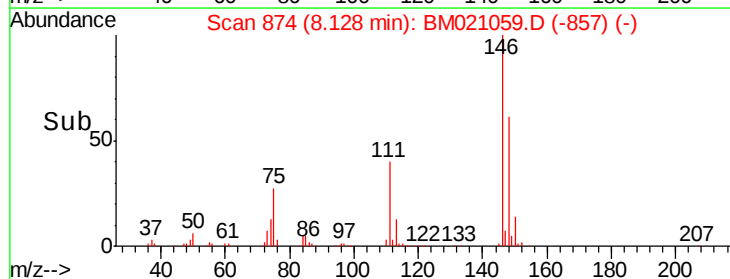
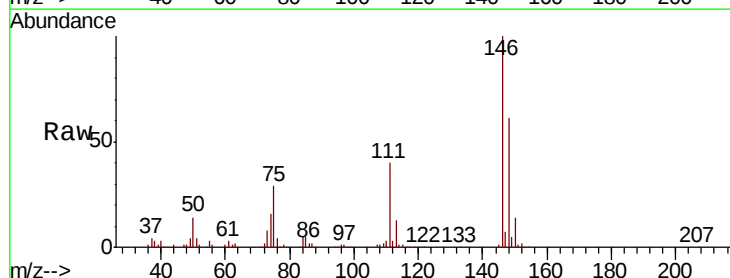
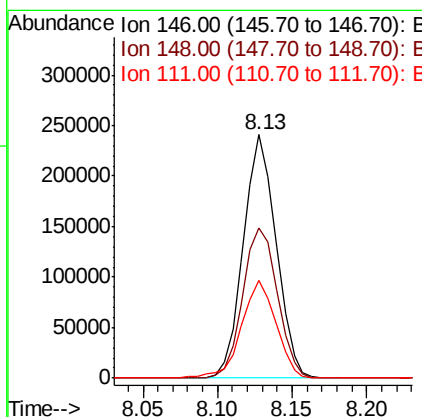
Manual Integrations
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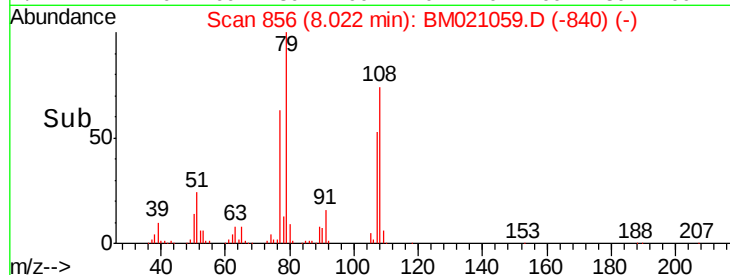
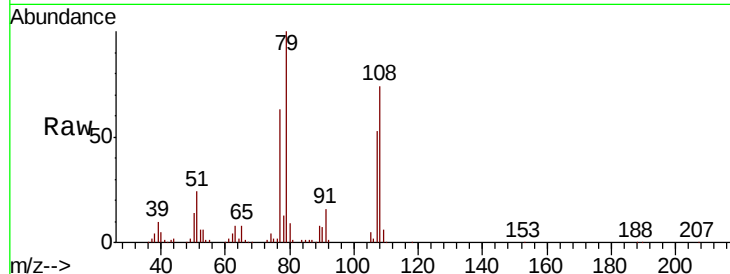
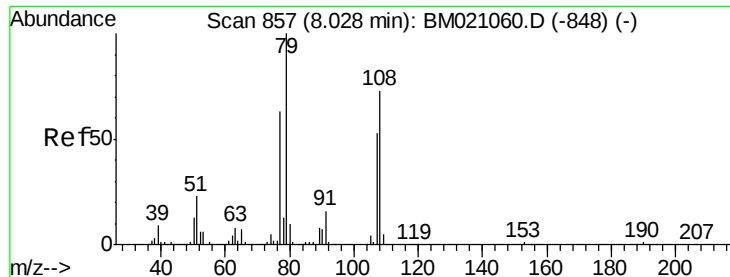
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#14
 1,2-Dichlorobenzene
 Concen: 19.869 ng
 RT: 8.13 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.4	51.2	76.8
111	39.9	32.8	49.2





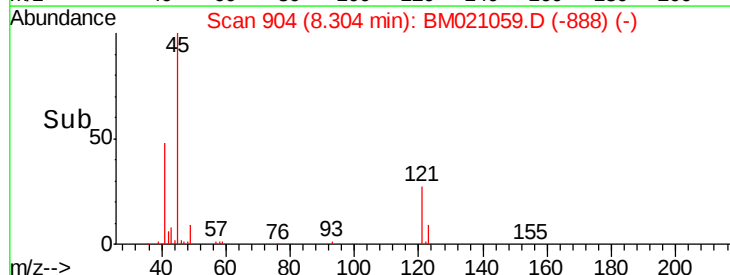
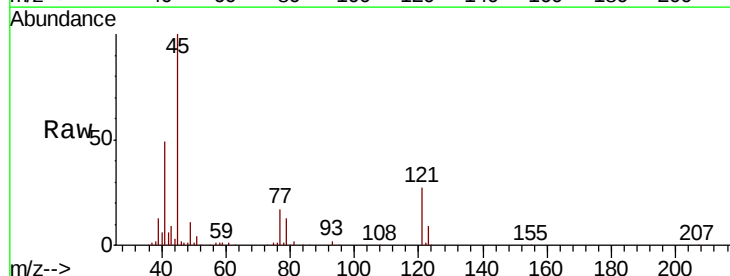
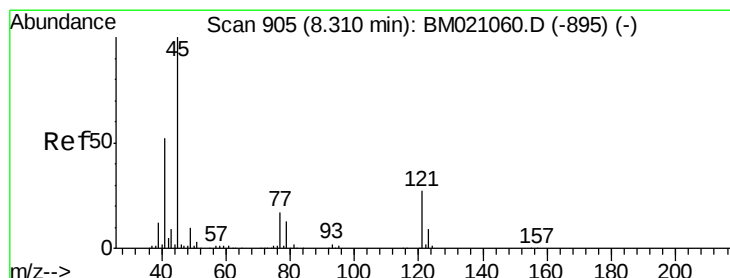
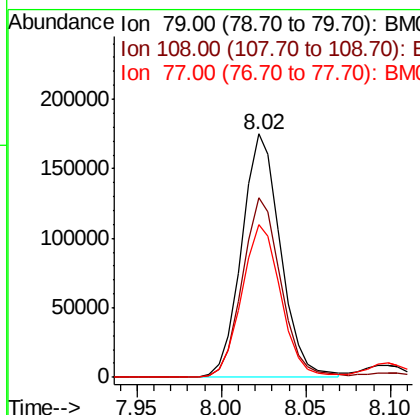
#15
Benzyl Alcohol
Concen: 16.521 ng
RT: 8.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.8	58.4	87.6
77	63.0	50.1	75.1

Instrument :
BNA_M
ClientSampleID :
SSTDIC020

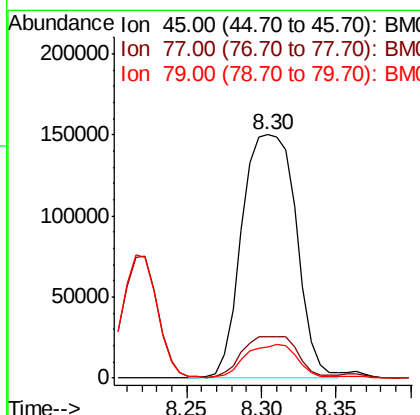
Manual Integrations
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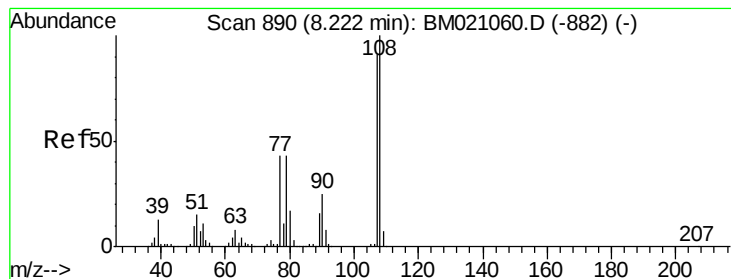
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 14.884 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	37.5
79	12.9	0.0	33.5





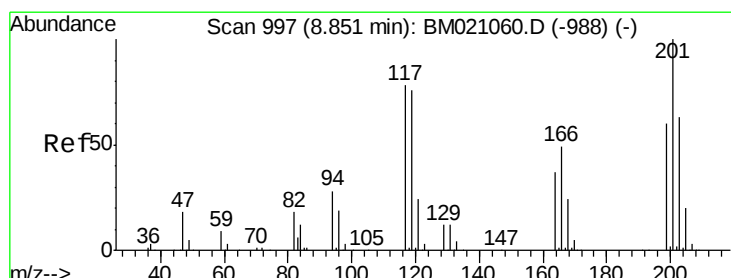
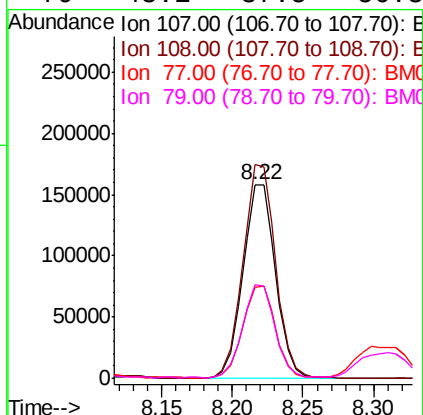
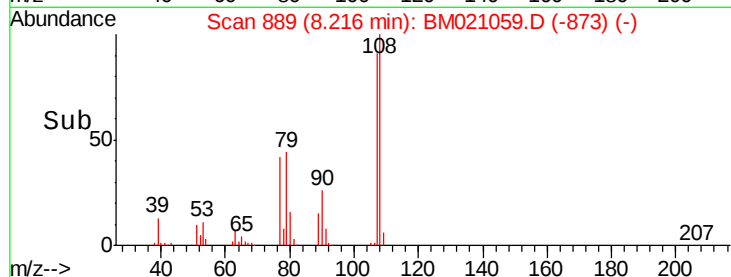
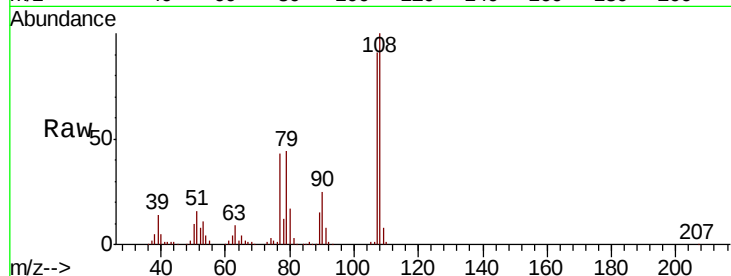
#17
2-Methylphenol
Concen: 17.609 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleID :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.4	87.5	131.3	
77	47.2	37.8	56.8	
79	48.1	37.5	56.3	

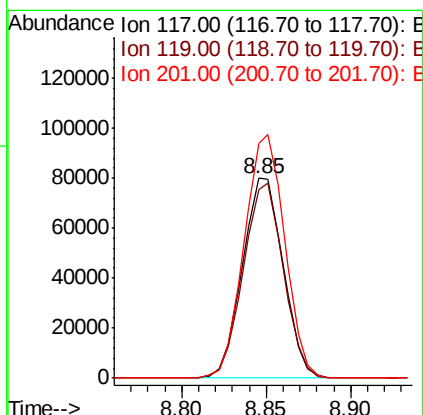
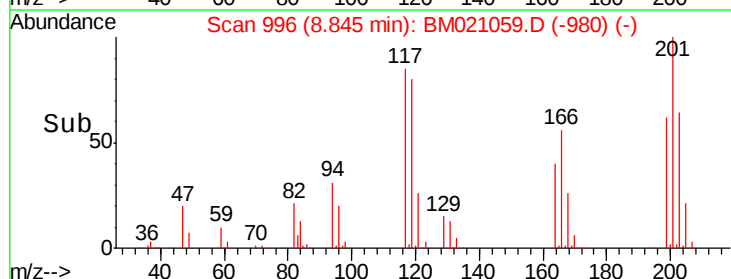
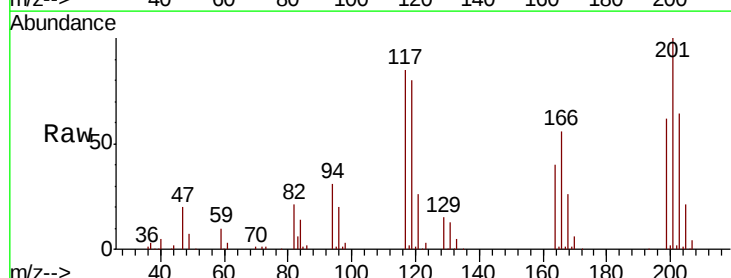
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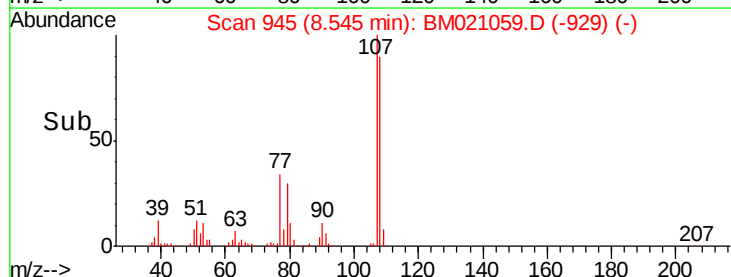
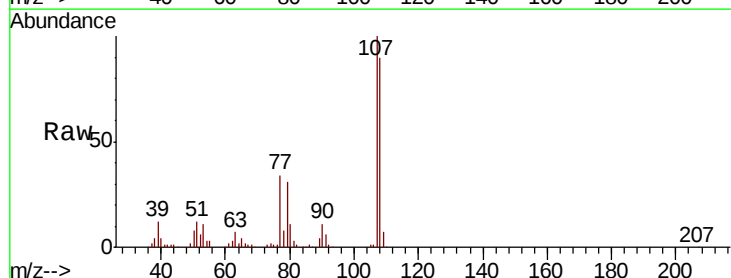
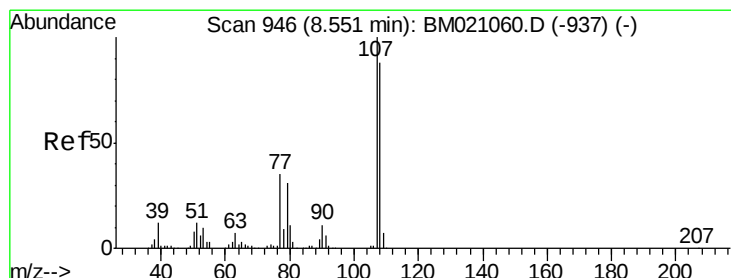
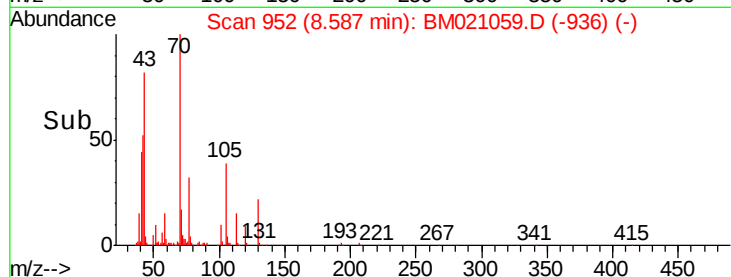
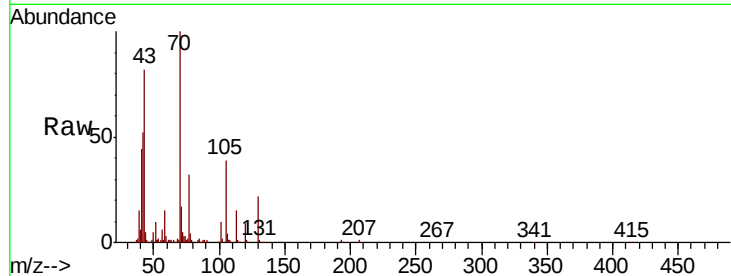
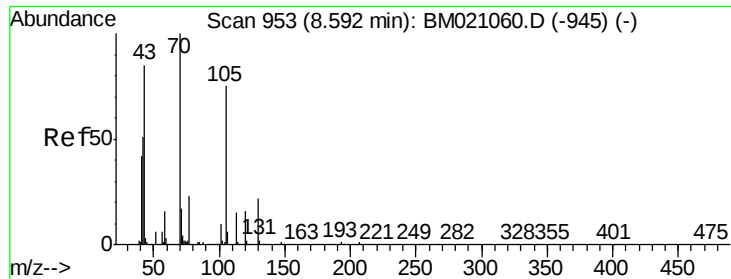
mohammad
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#18
Hexachloroethane
Concen: 18.565 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

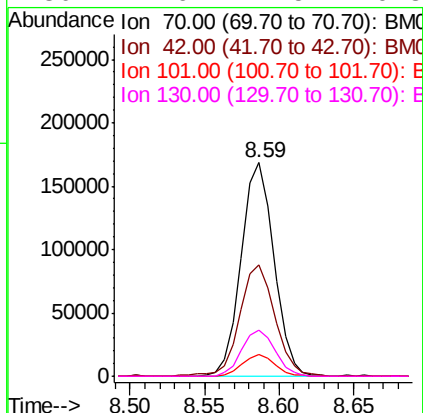
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.4	77.5	116.3	
201	117.7	102.3	153.5	





#19
n-Nitroso-di-n-propylamine
Concen: 16.768 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		258426		
42	52.0	41.9	62.9		
101	9.9	8.1	12.1		
130	21.6	17.5	26.3		



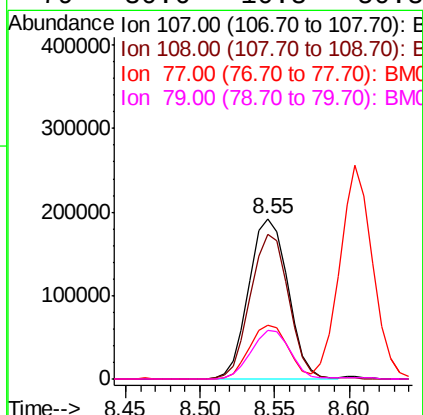
Instrument :
BNA_M
ClientSampleId :
SSTDIC020

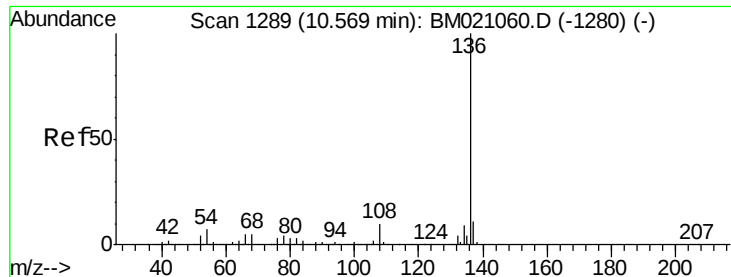
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#20
3+4-Methylphenols
Concen: 17.664 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		349171		
108	90.2	67.9	107.9		
77	34.0	14.6	54.6		
79	30.6	10.8	50.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

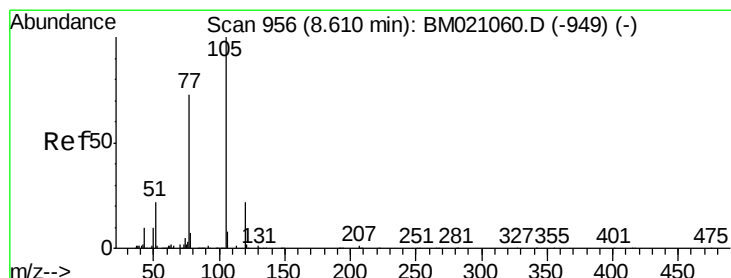
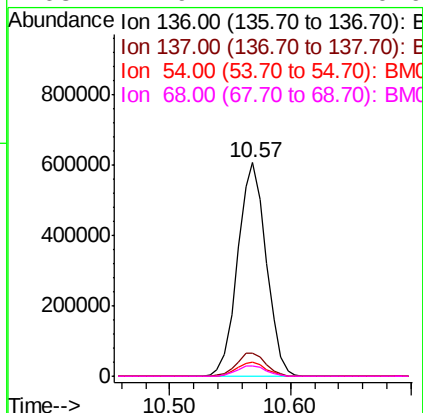
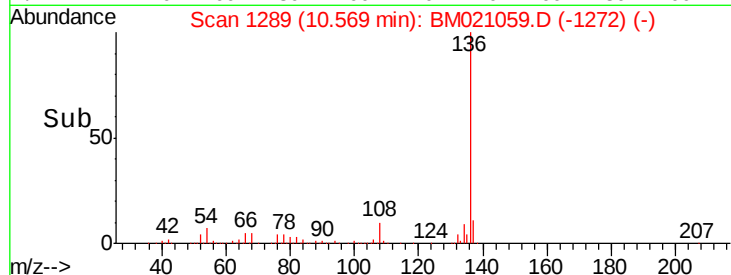
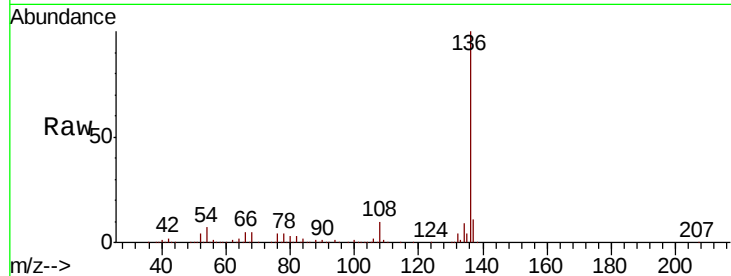
ClientSampleId :

SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	999552		
137	10.8	8.6	13.0	
54	6.5	5.3	7.9	
68	4.9	4.4	6.6	

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#22

Acetophenone

Concen: 19.643 ng

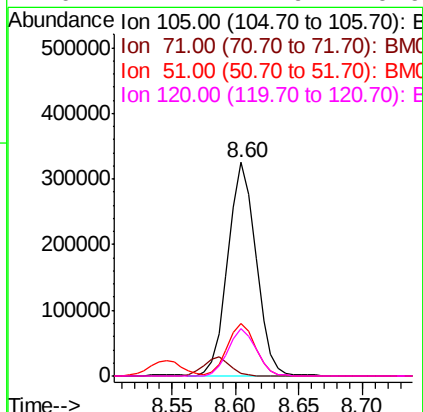
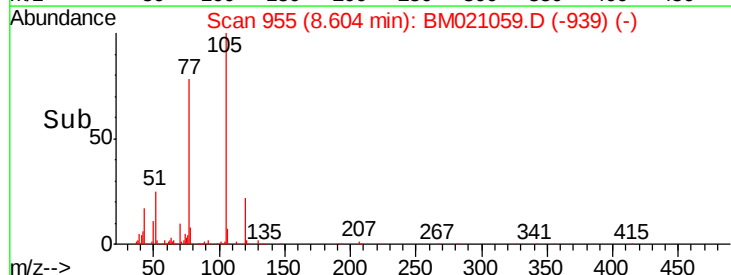
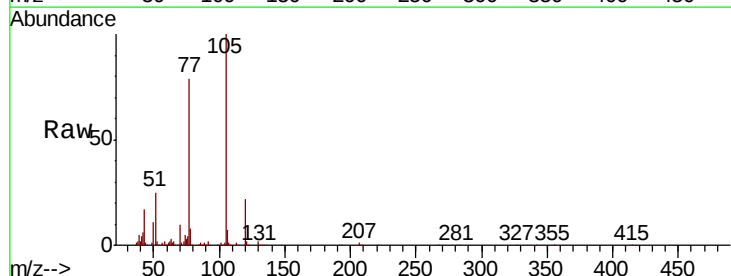
RT: 8.60 min Scan# 955

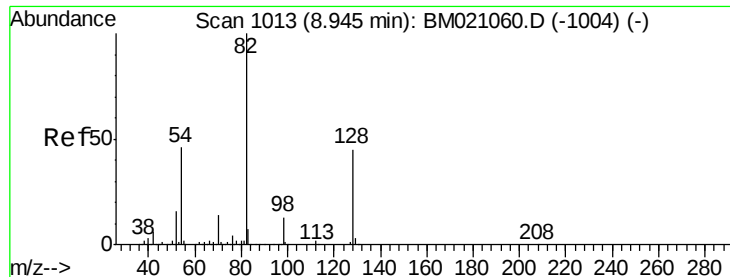
Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	498791		
71	1.5	1.2	1.8	
51	24.8	19.1	28.7	
120	22.4	17.9	26.9	





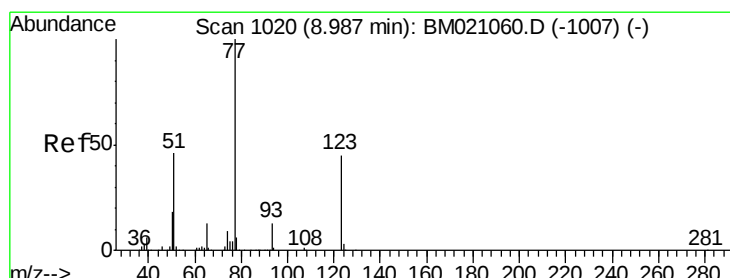
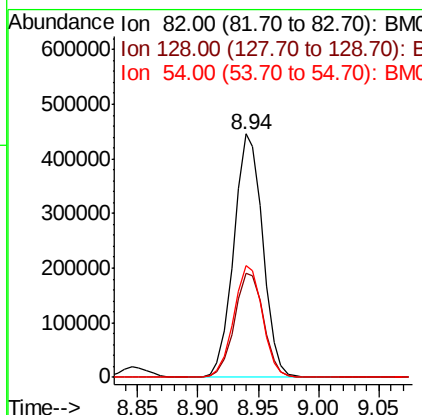
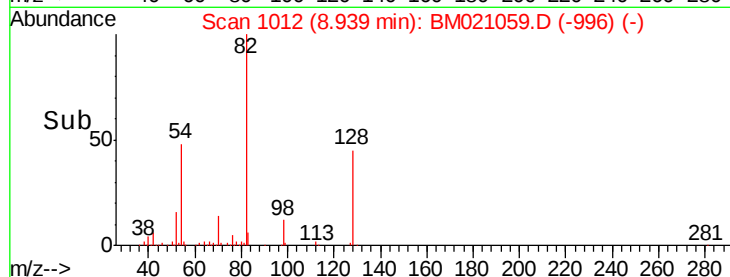
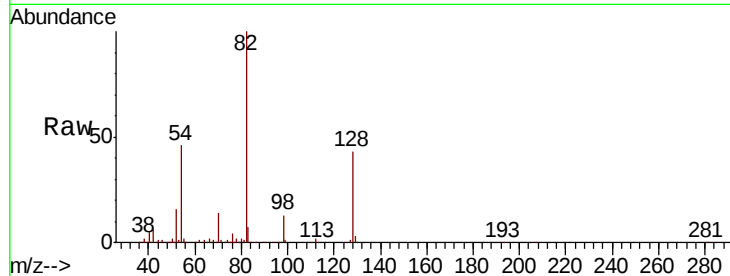
#23
Nitrobenzene-d5
Concen: 38.745 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.9	53.9
54	45.8	36.6	55.0

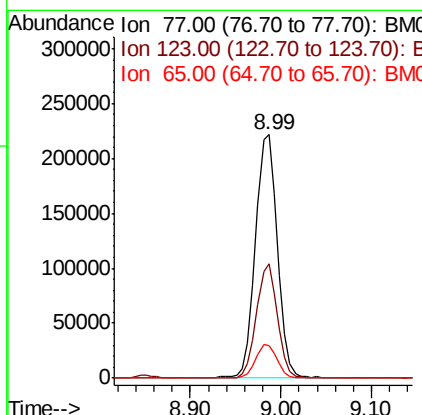
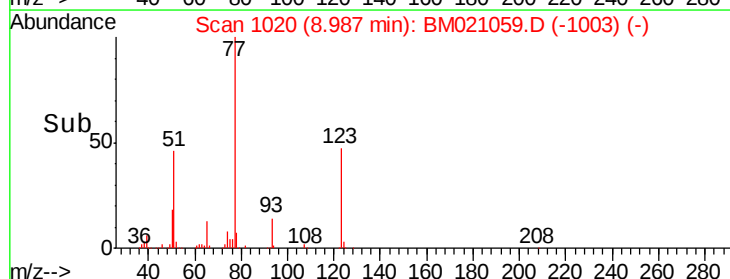
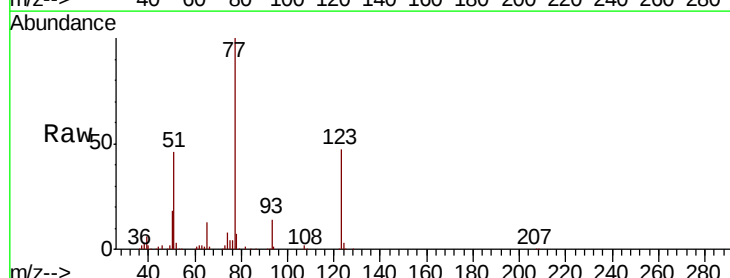
Manual Integrations
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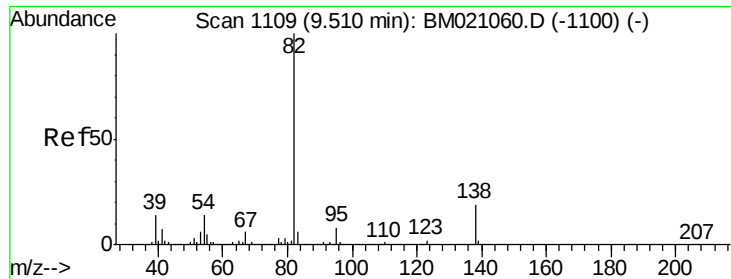
mohammad
6/21/2019 10:01:40 PM



#24
Nitrobenzene
Concen: 18.963 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	36.3	54.5
65	13.3	10.6	16.0





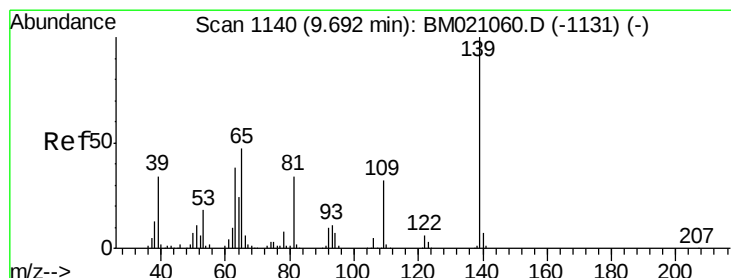
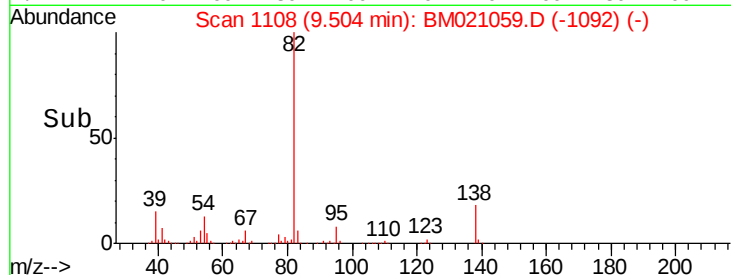
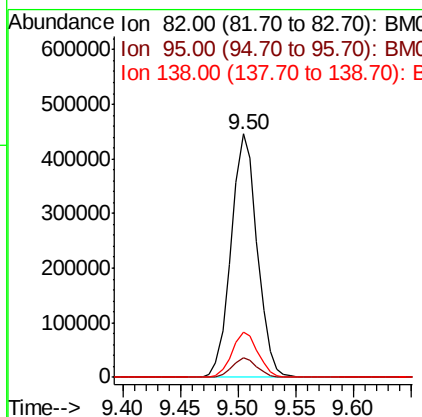
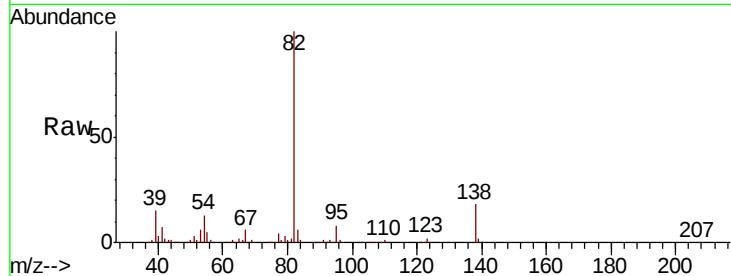
#25
Isophorone
Concen: 18.189 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
82	100	698014		
95	8.0	6.1	9.1	
138	18.4	15.0	22.6	

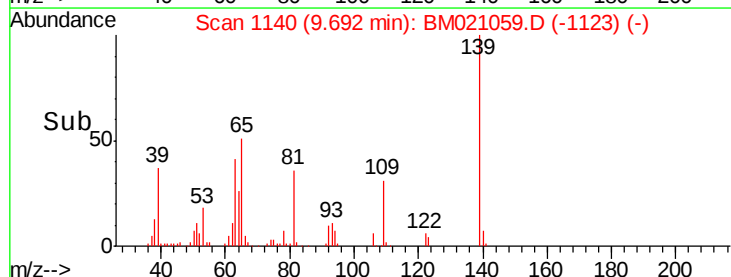
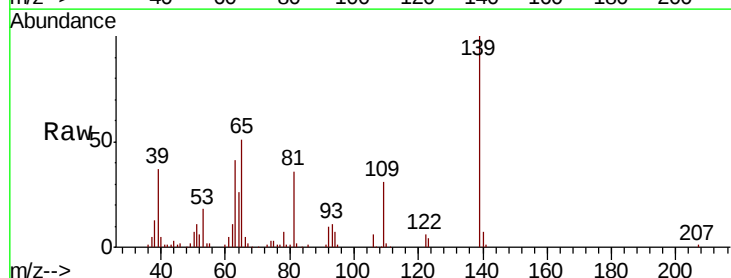
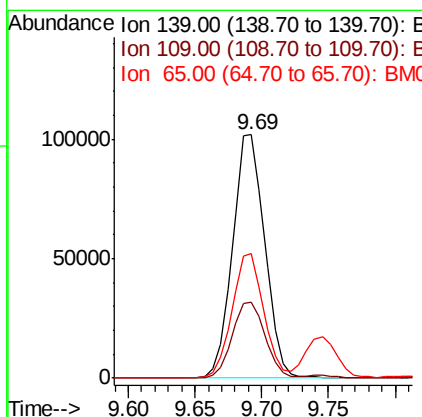
Manual Integrations
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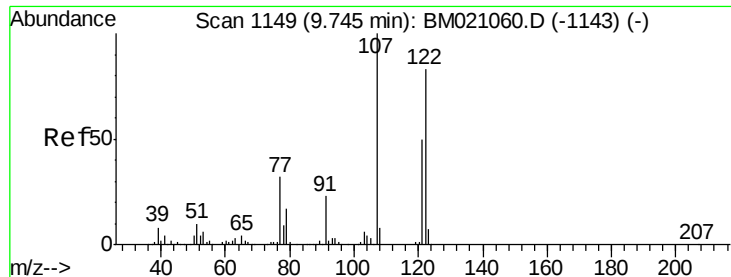
mohammad
6/21/2019 10:01:40 PM



#26
2-Nitrophenol
Concen: 23.259 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	170721		
109	31.3	25.2	37.8	
65	51.0	37.4	56.0	





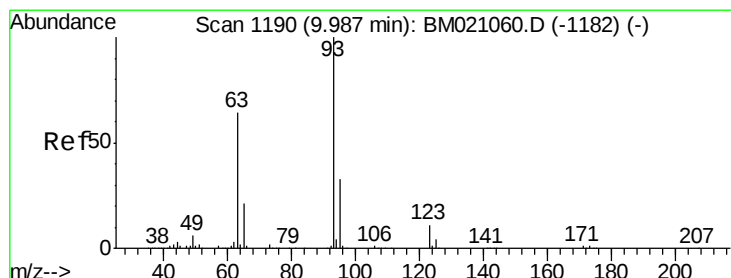
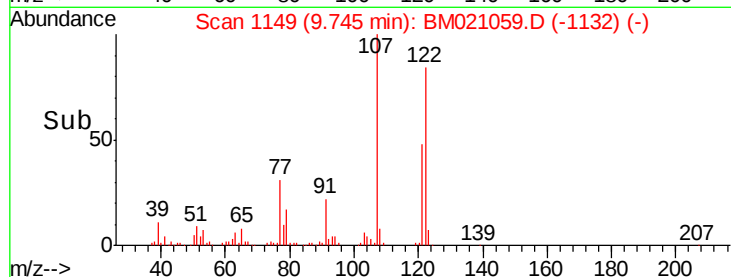
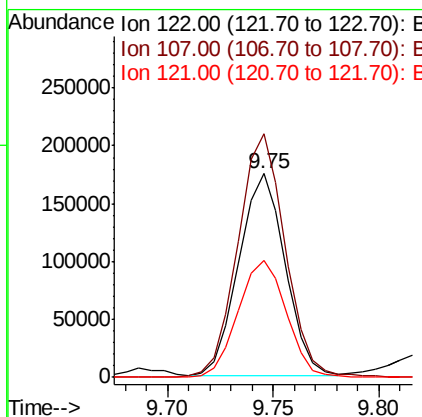
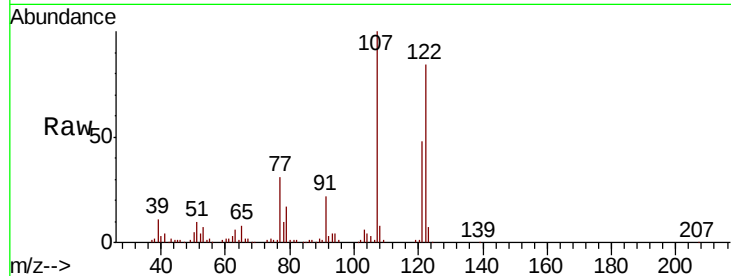
#27
2,4-Dimethylphenol
Concen: 19.401 ng
RT: 9.75 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampled :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	95.3	142.9
121	57.5	47.5	71.3

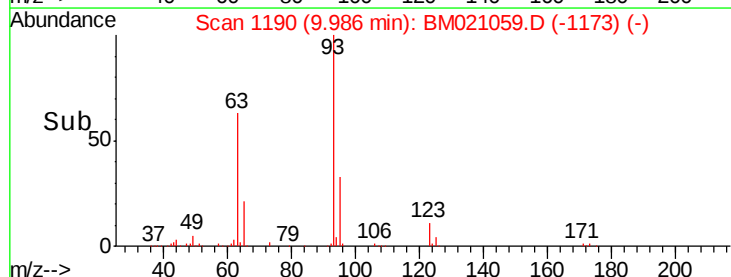
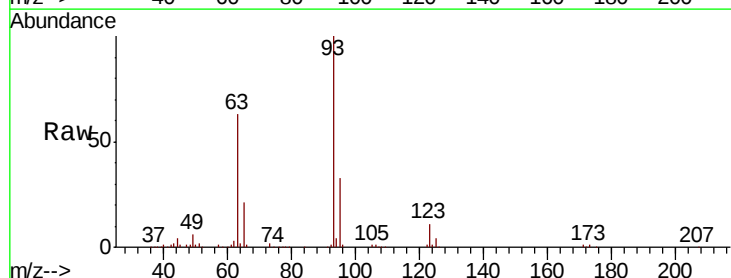
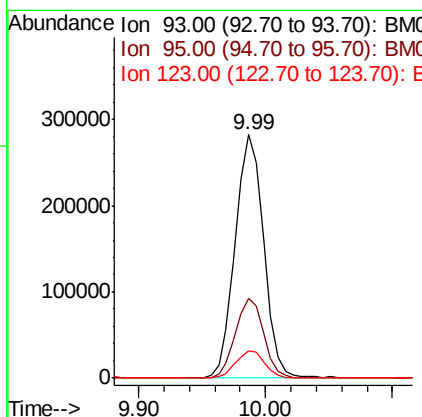
Manual Integrations
APPROVED

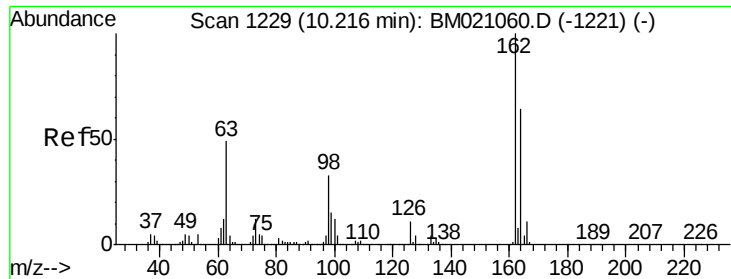
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 18.985 ng
RT: 9.99 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.2
123	11.1	9.0	13.4





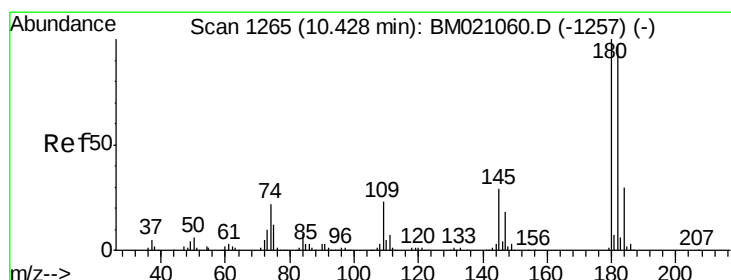
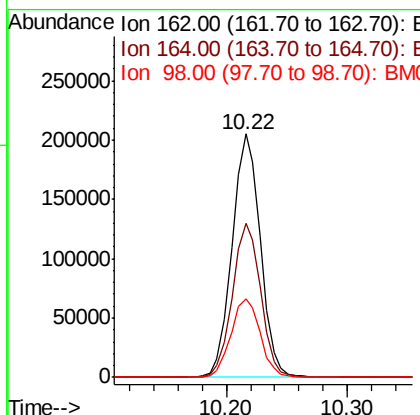
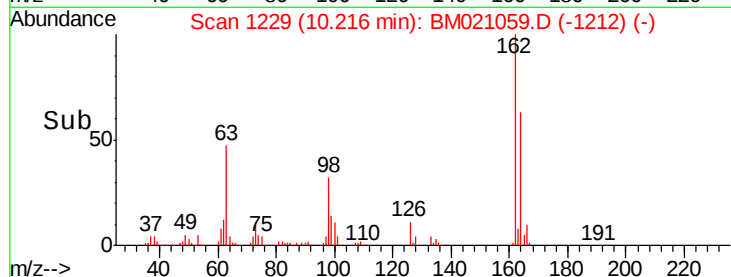
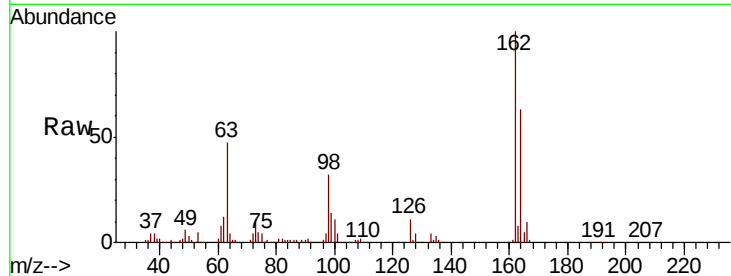
#29
 2,4-Dichlorophenol
 Concen: 22.010 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		334931		
164	63.1	43.7		83.7	
98	32.3	13.4		53.4	

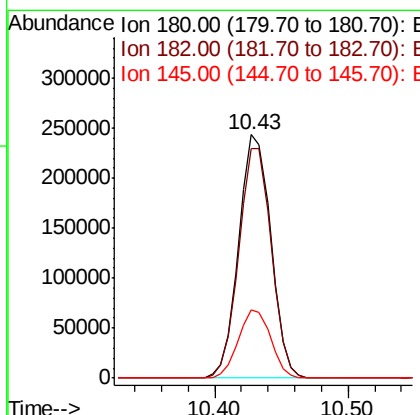
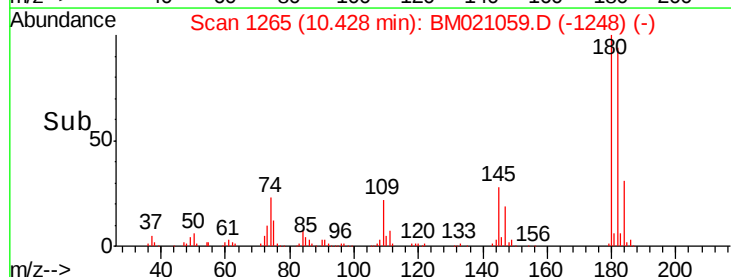
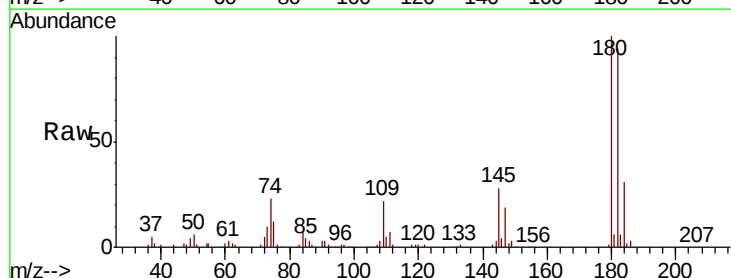
Manual Integrations
 APPROVED

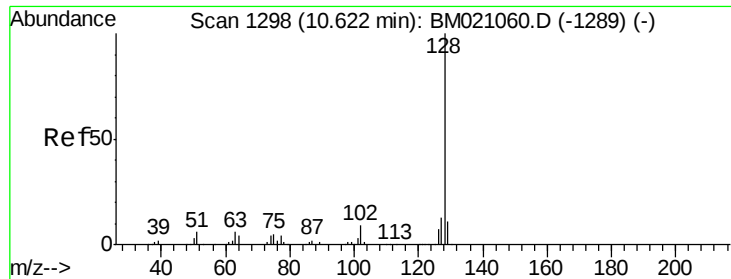
mohammad
 6/21/2019 10:01:40 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 23.229 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		406442		
182	94.4	78.0		117.0	
145	28.2	23.4		35.0	





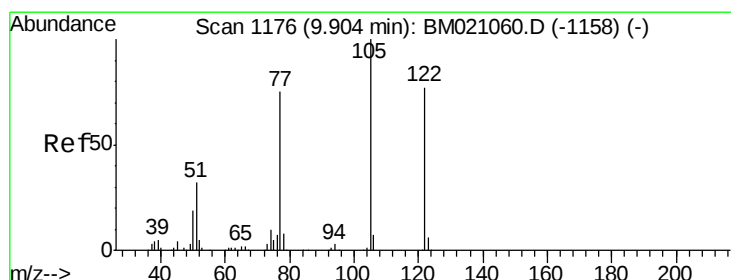
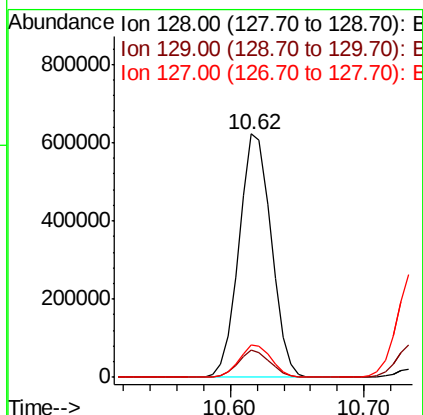
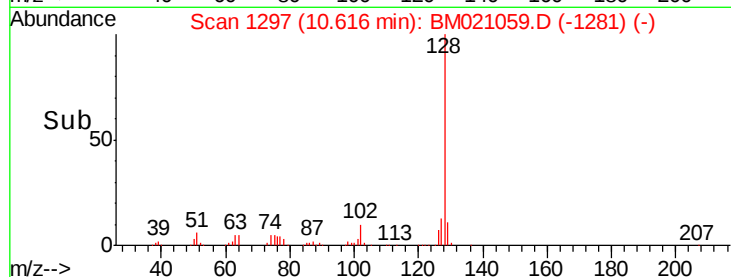
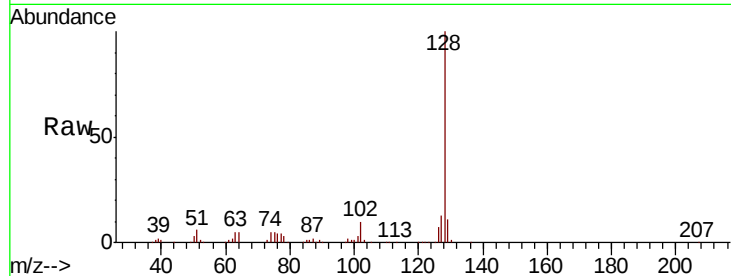
#31
Naphthalene
Concen: 20.229 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	13.0
127	13.2	10.8	16.2

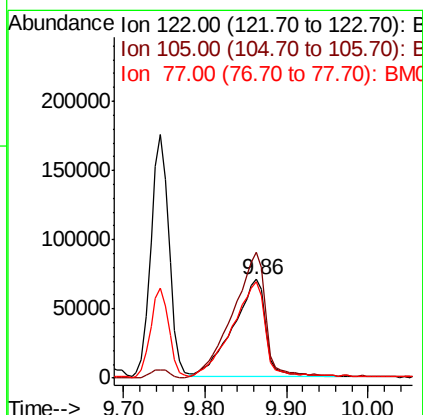
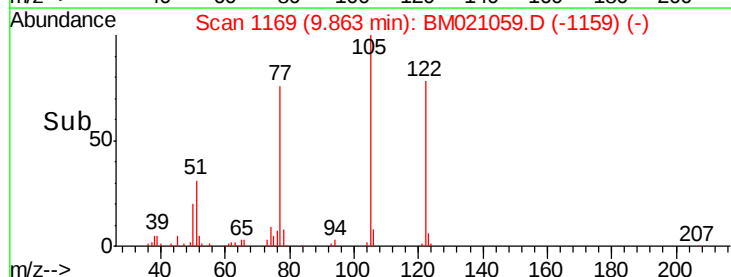
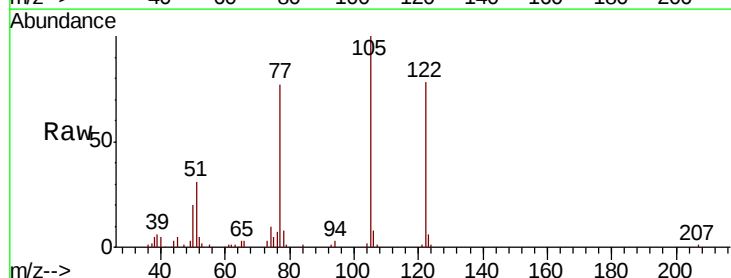
Manual Integrations
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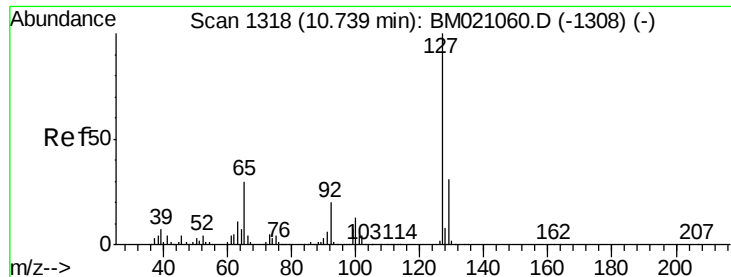
mohammad
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#32
Benzoic acid
Concen: 25.510 ng m
RT: 9.86 min Scan# 1169
Delta R.T. -0.04 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.2	108.9	148.9
77	98.6	76.7	116.7





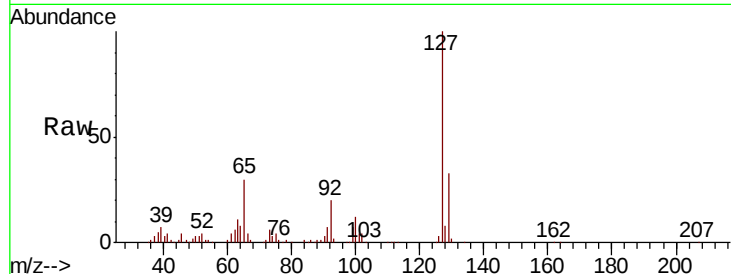
#33
4-Chloroaniline
Concen: 19.468 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		465703		
129	32.8	25.1	37.7		
65	29.7	23.8	35.8		
92	19.6	15.7	23.5		

Manual Integrations
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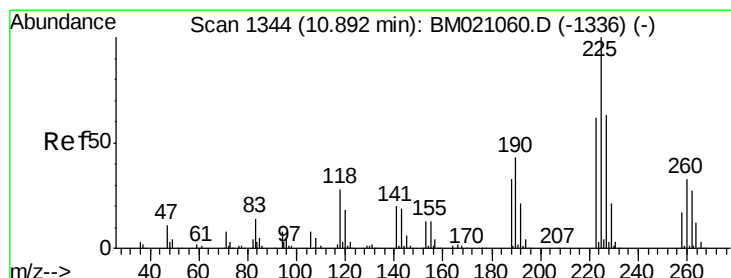
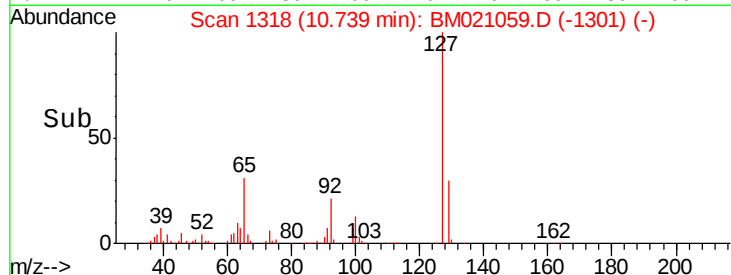
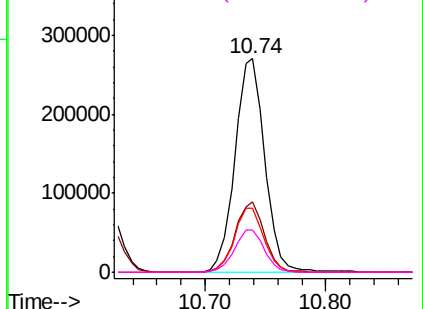
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

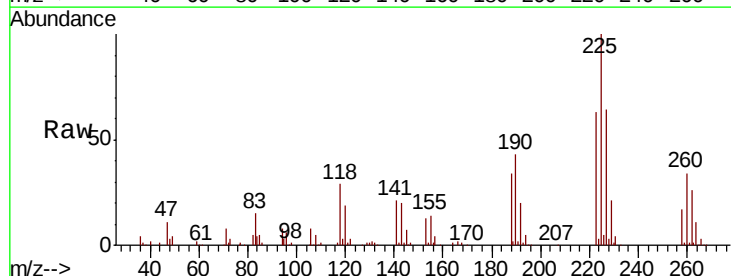
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 24.065 ng
RT: 10.89 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		252657		
223	62.7	49.6	74.4		
227	64.2	50.4	75.6		

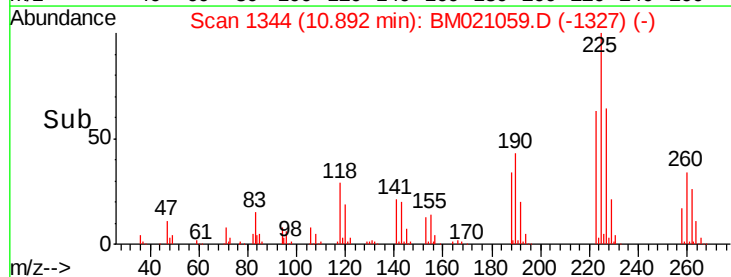
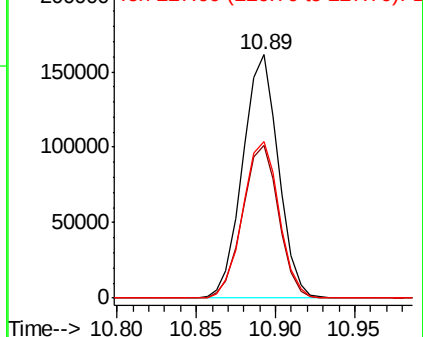


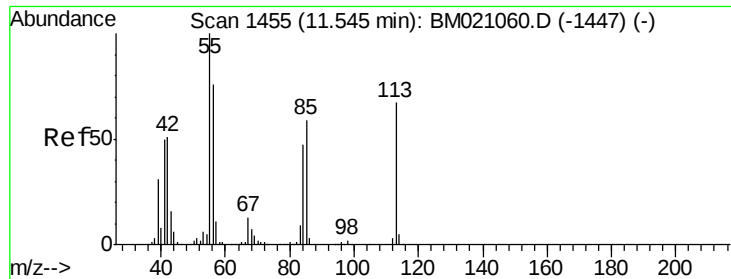
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





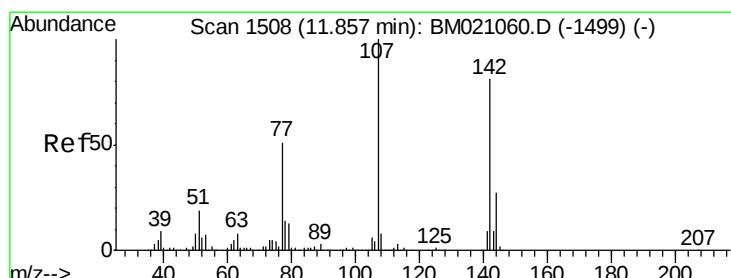
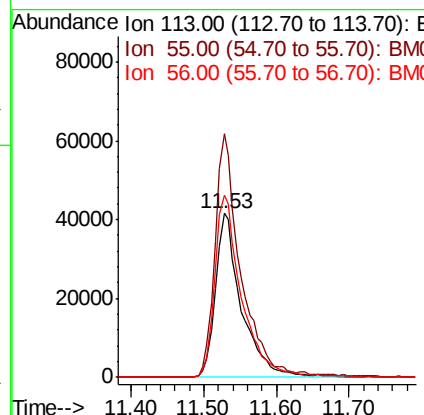
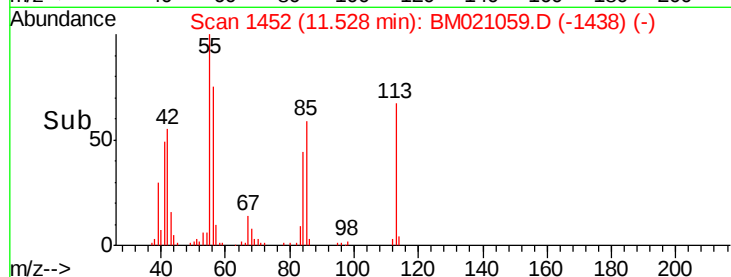
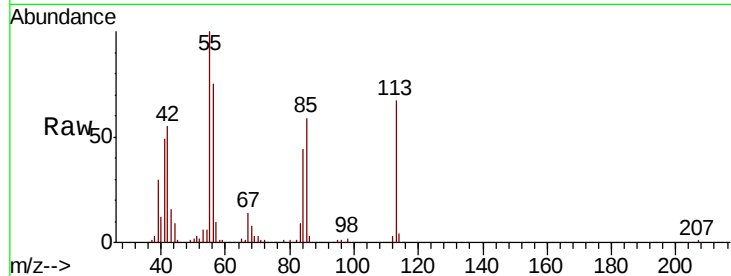
#35
Caprolactam
Concen: 19.646 ng/ml
RT: 11.53 min Scan# 1452
Delta R.T. -0.02 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
55	148.6	129.8	169.8
56	111.3	94.3	134.3

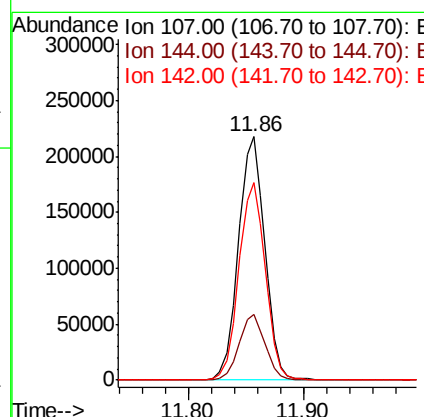
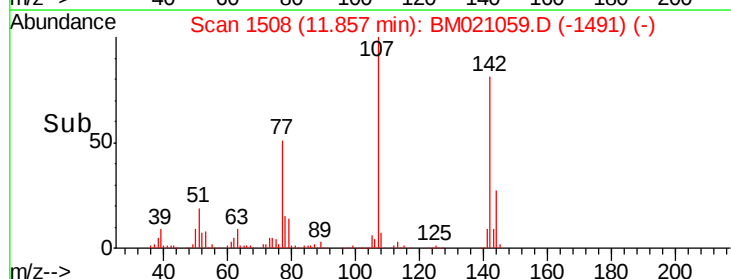
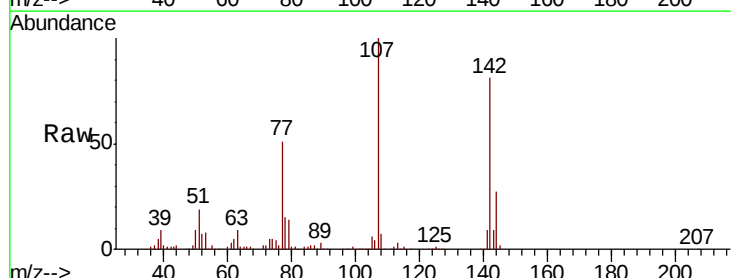
Manual Integrations
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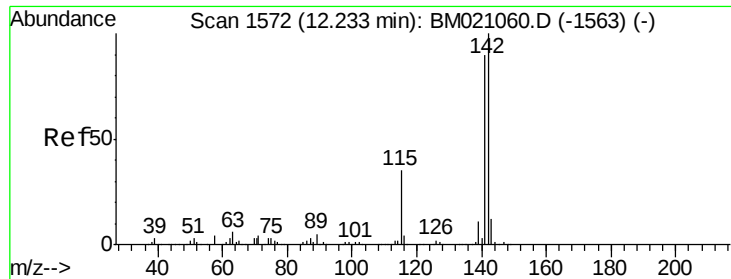
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 19.480 ng/ml
RT: 11.86 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.3	31.9
142	81.1	64.9	97.3





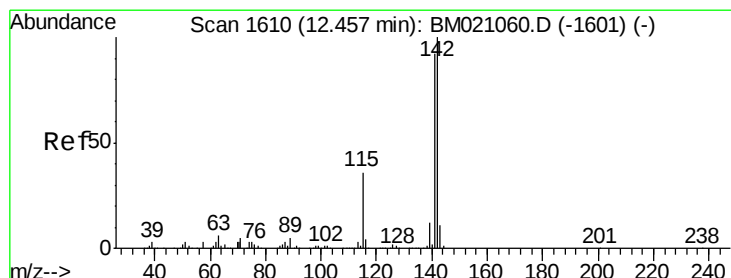
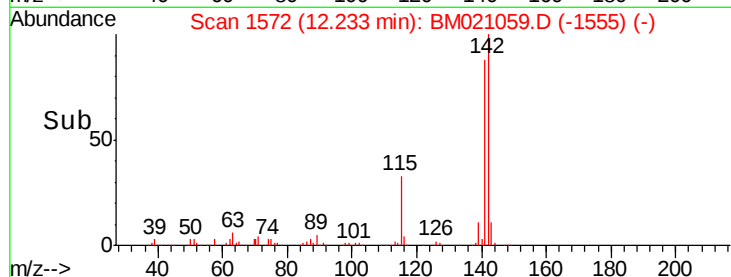
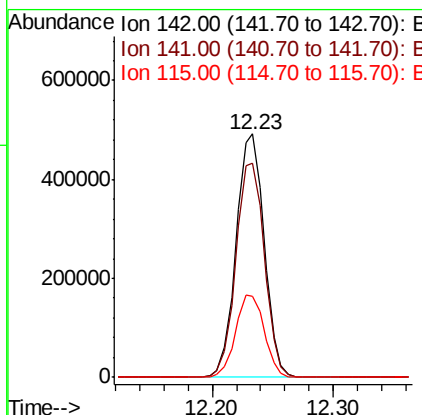
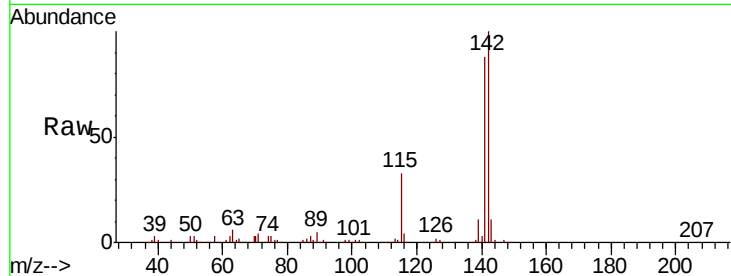
#37
2-Methylnaphthalene
Concen: 20.936 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.2	108.2
115	33.1	27.9	41.9

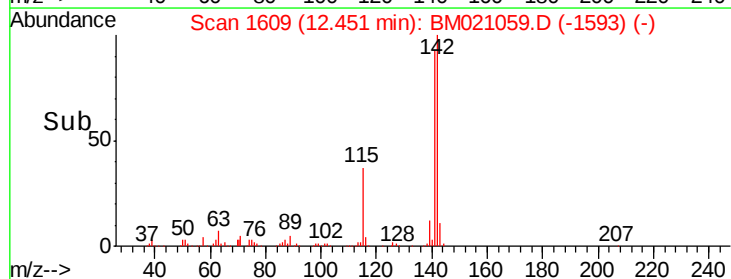
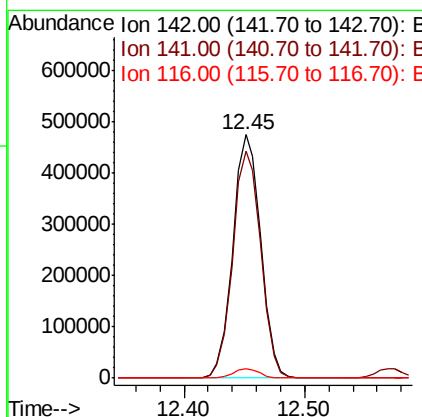
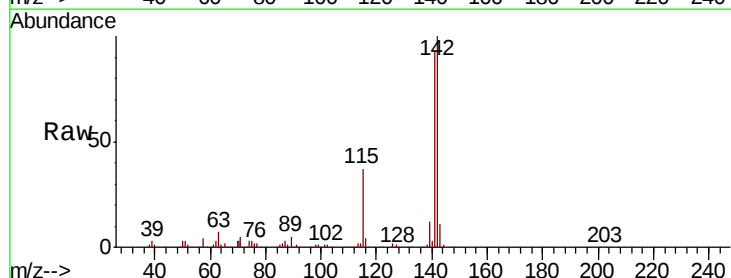
Manual Integrations
APPROVED

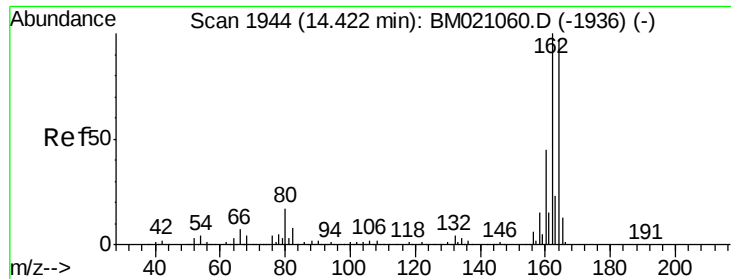
mohammad
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#38
1-Methylnaphthalene
Concen: 20.997 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.9	110.9
116	3.9	3.0	4.6





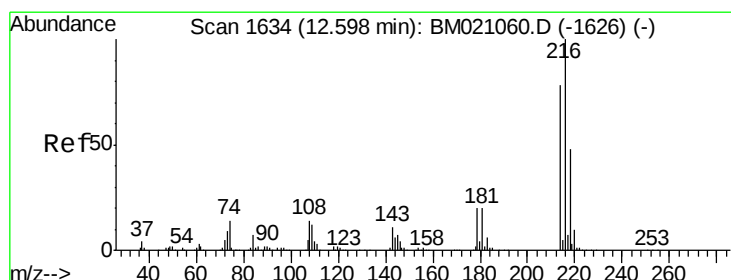
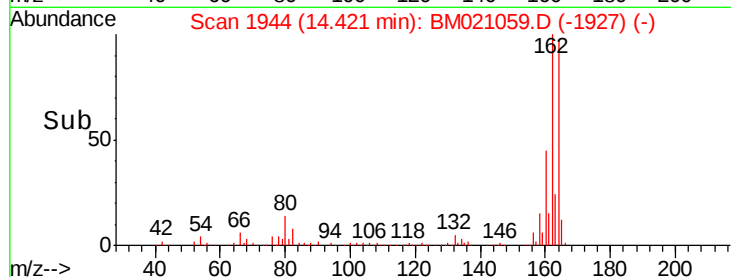
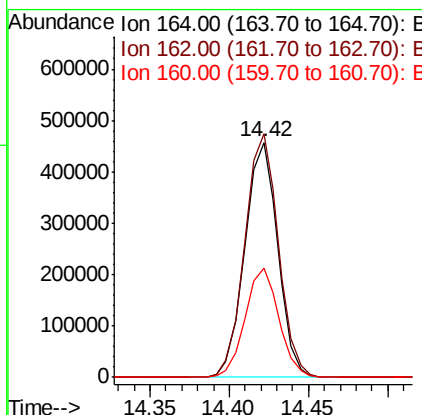
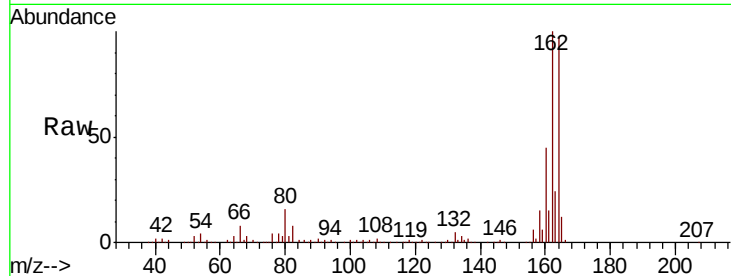
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.1	123.1
160	46.5	37.1	55.7

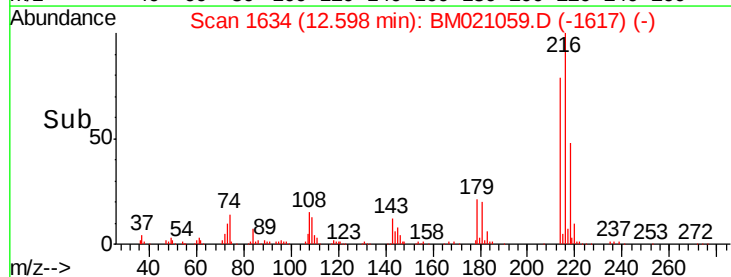
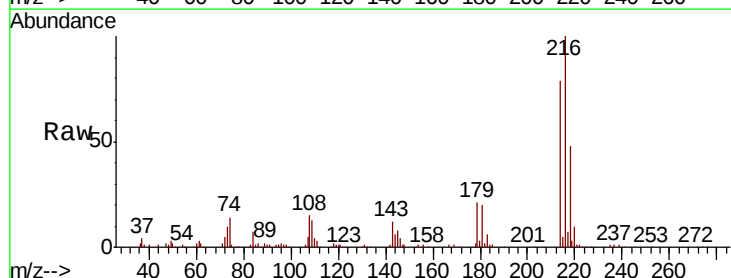
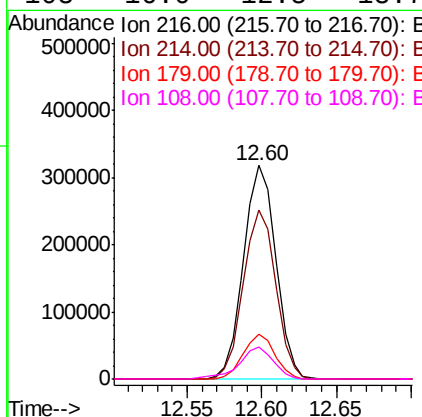
Manual Integrations
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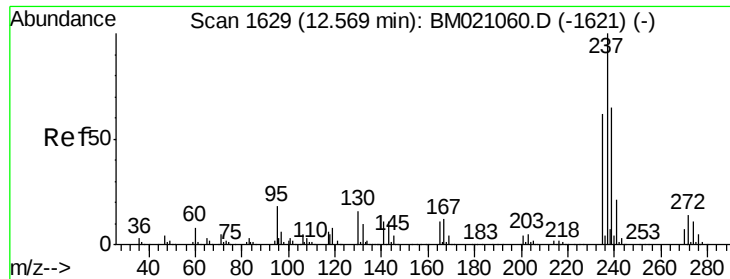
mohammad
6/21/2019 10:01:40 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 22.054 ng
RT: 12.60 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.6
179	20.5	16.4	24.6
108	16.0	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 20.694 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

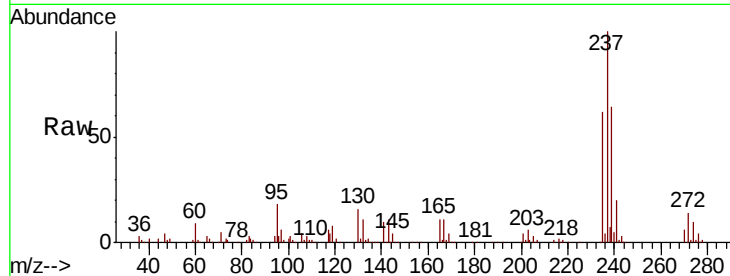
ClientSampleId :

SSTDIC020

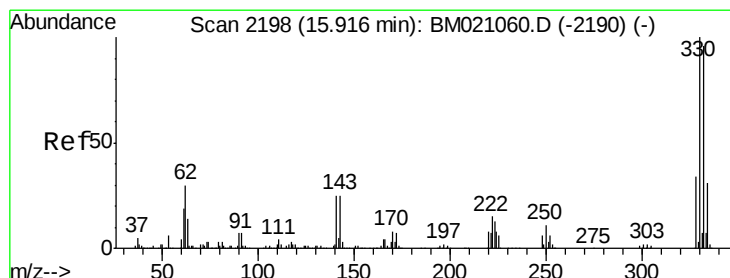
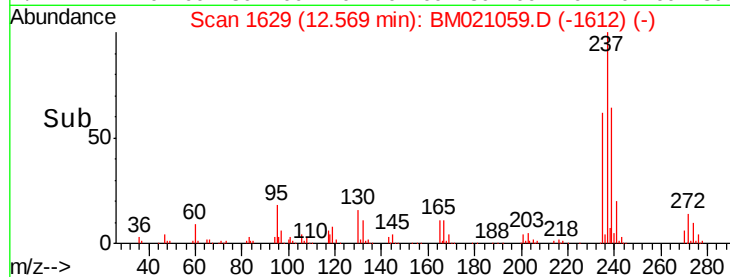
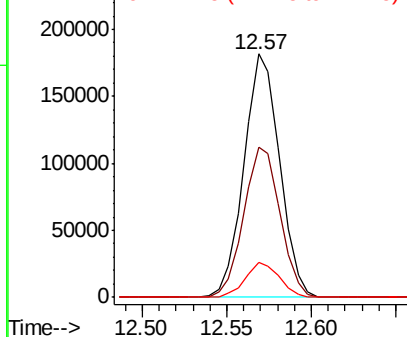
Tot Ion:	237	Resp:	267838
Ion Ratio	Lower	Upper	
237	100		
235	61.9	41.7	81.7
272	14.2	0.0	34.1

Manual Integrations
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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: 57.129 ng

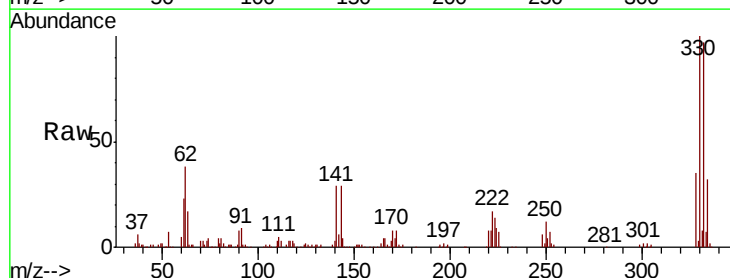
RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

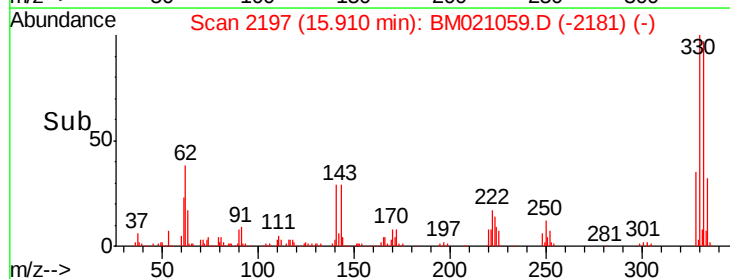
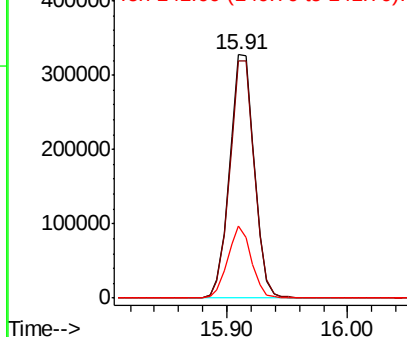
Lab File: BM021059.D

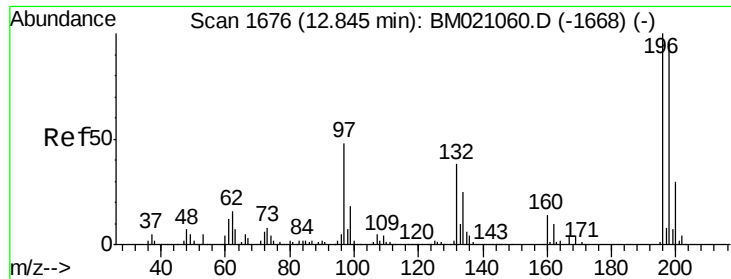
Acq: 20 Jun 2019 10:48

Tgt Ion:	330	Resp:	467415
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.1	115.7
141	28.1	21.8	32.8



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





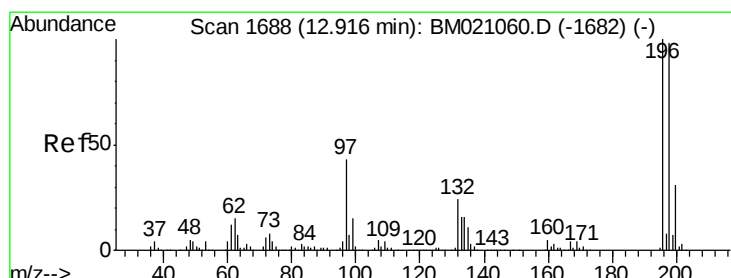
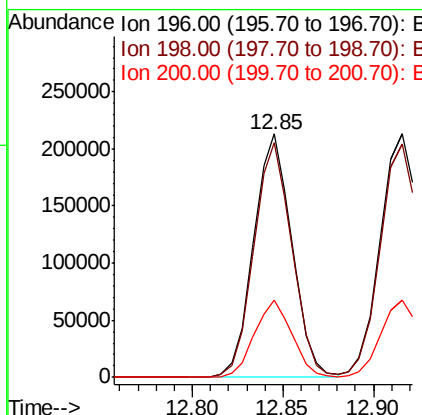
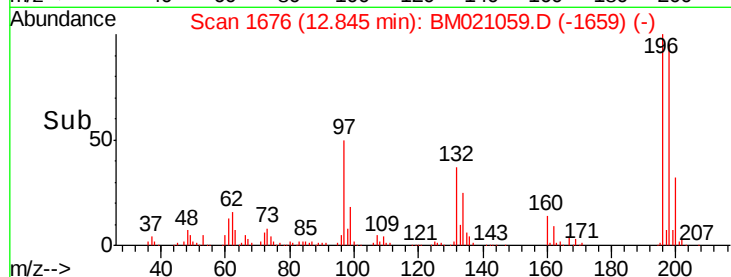
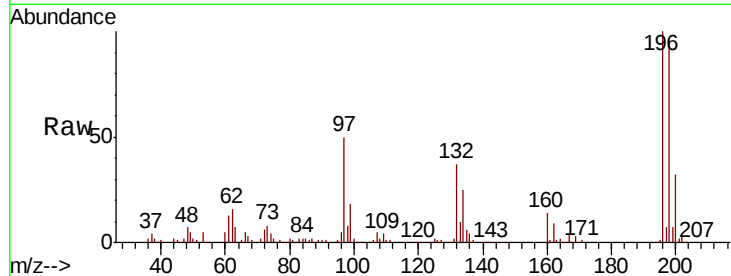
#43
 2,4,6-Trichlorophenol
 Concen: 22.342 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC020

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.7	115.1
200	32.0	24.2	36.4

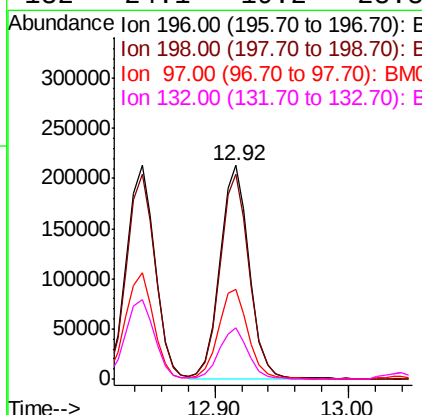
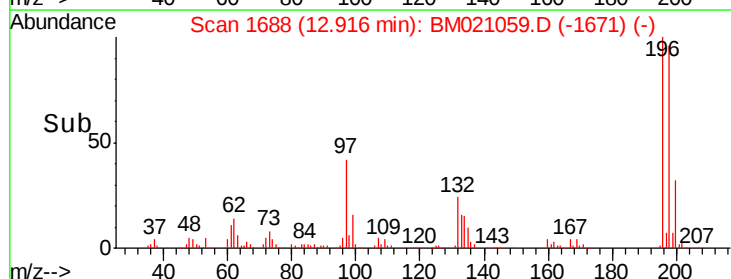
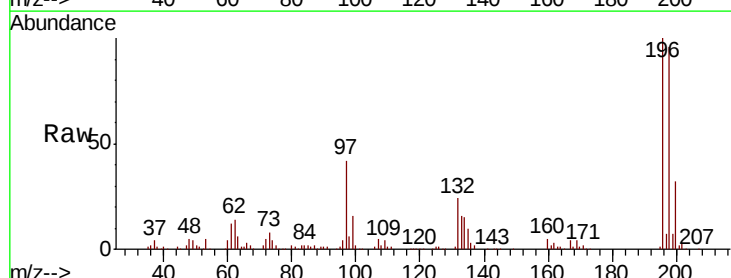
Manual Integrations
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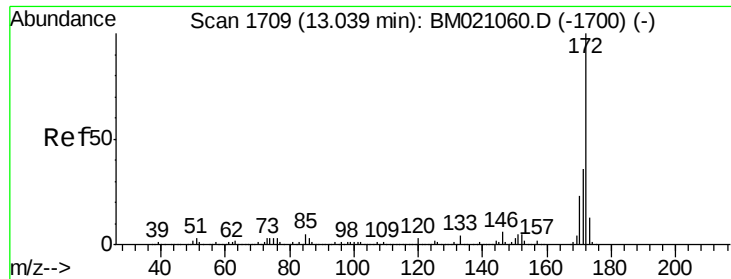
mohammad
 6/21/2019 10:01:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 22.637 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.2	117.4
97	42.2	34.1	51.1
132	24.1	19.2	28.8





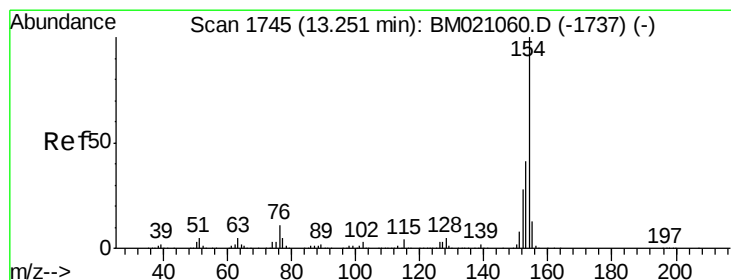
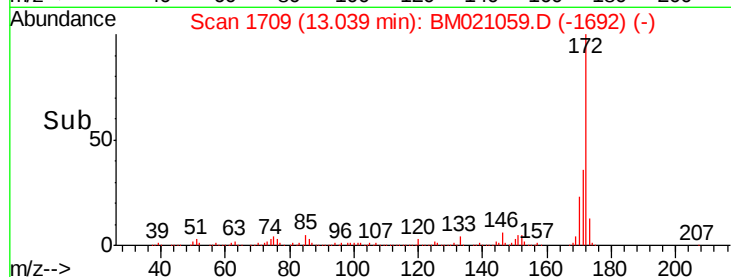
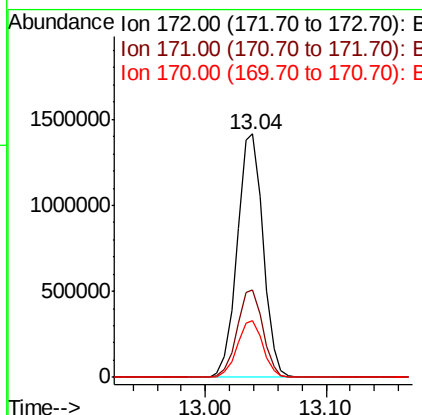
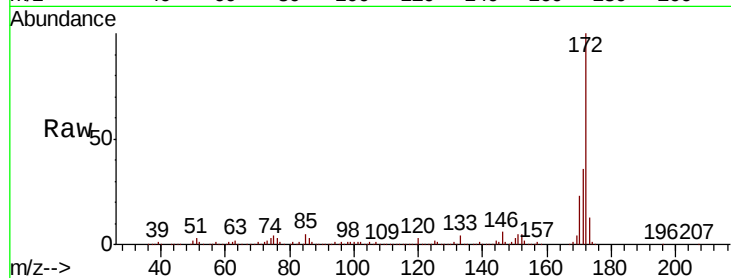
#45
2-Fluorobiphenyl
Concen: 42.361 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.4	18.7	28.1

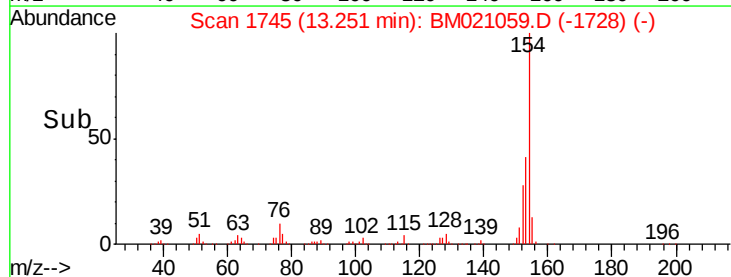
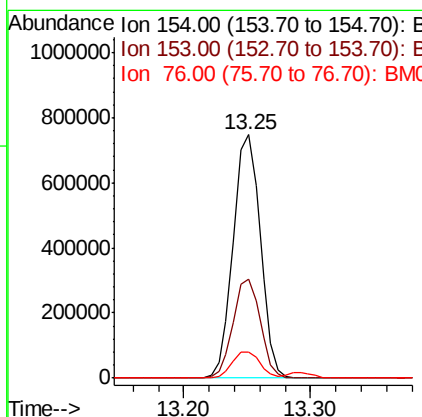
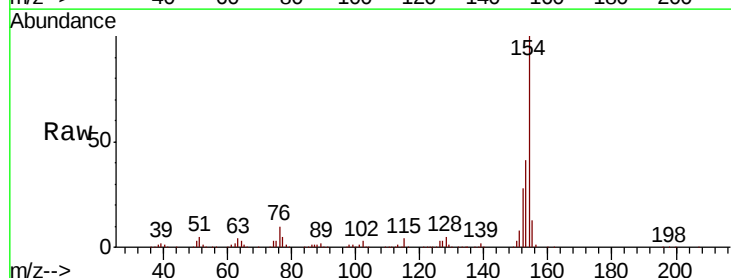
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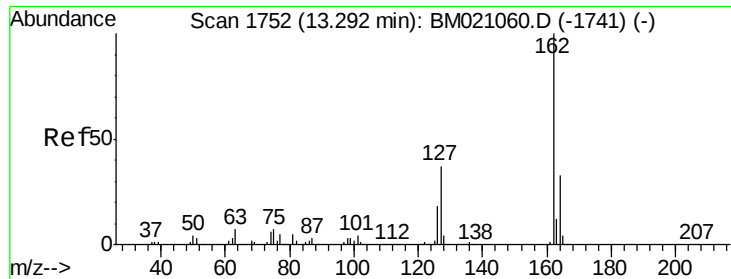
mohammad
6/21/2019 10:01:40 PM



#46
1,1'-Biphenyl
Concen: 20.081 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	10.5	0.0	30.9





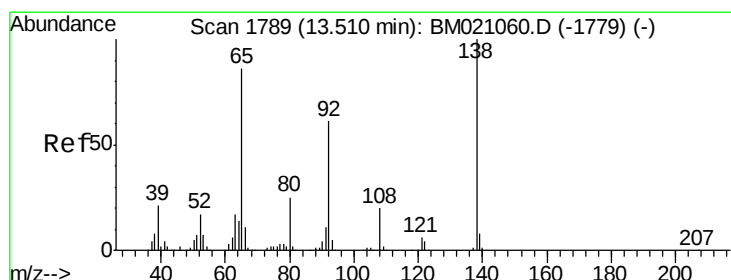
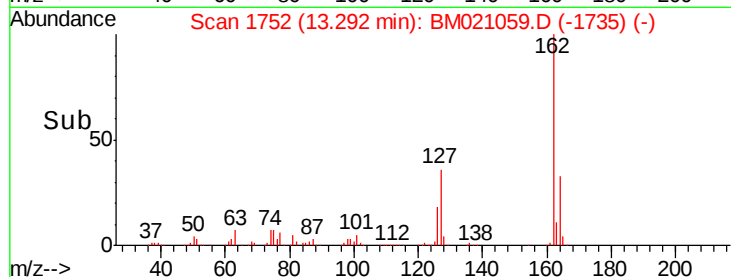
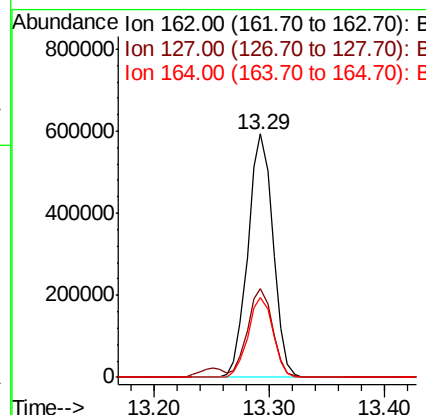
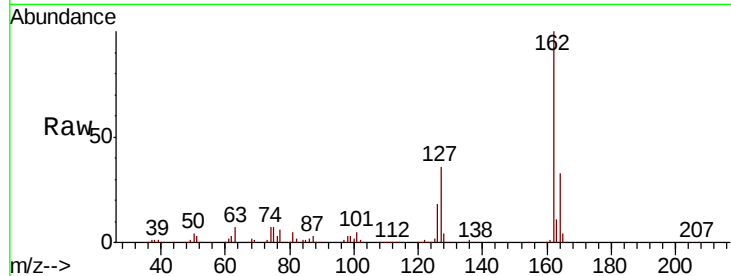
#47
2-Chloronaphthalene
Concen: 20.139 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.3	29.4	44.2
164	32.7	26.5	39.7

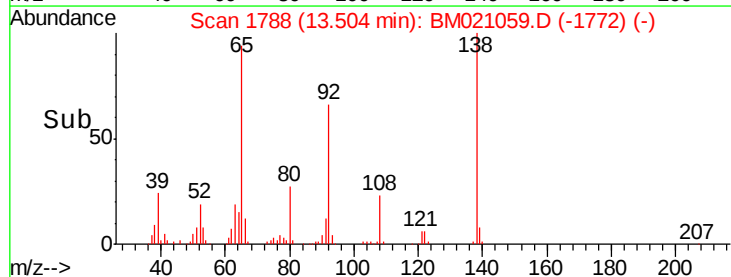
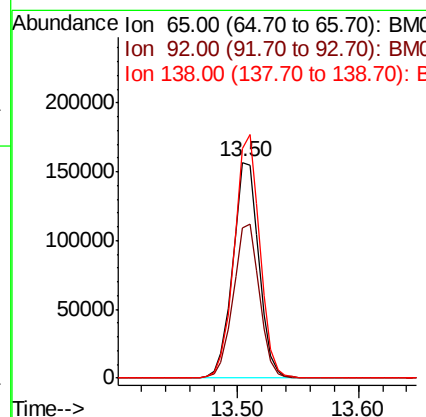
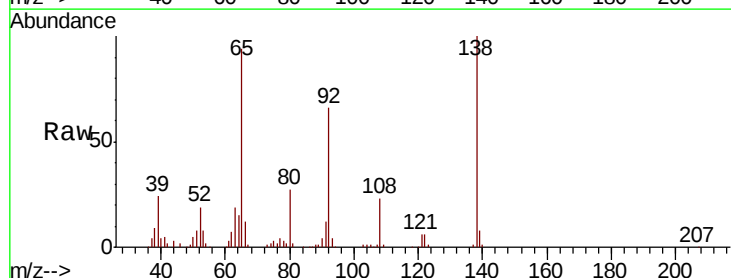
Manual Integrations
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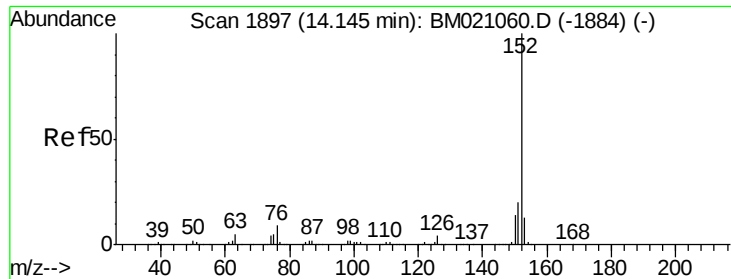
mohammad
6/21/2019 10:01:40 PM



#48
2-Nitroaniline
Concen: 16.889 ng
RT: 13.50 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	56.3	84.5
138	106.3	92.6	139.0





#49

Acenaphthylene

Concen: 19.740 ng

RT: 14.15 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion:152 Resp: 1370948

Ion Ratio Lower Upper

152 100

151 19.9 16.1 24.1

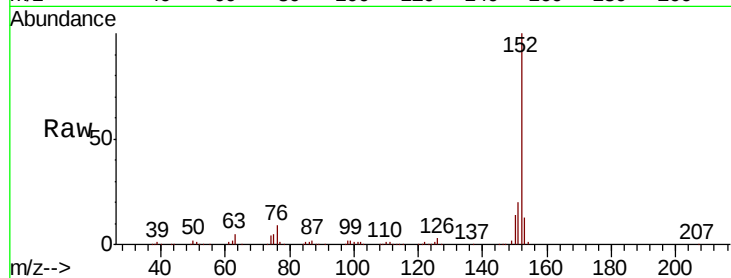
153 13.0 10.6 16.0

Manual Integrations

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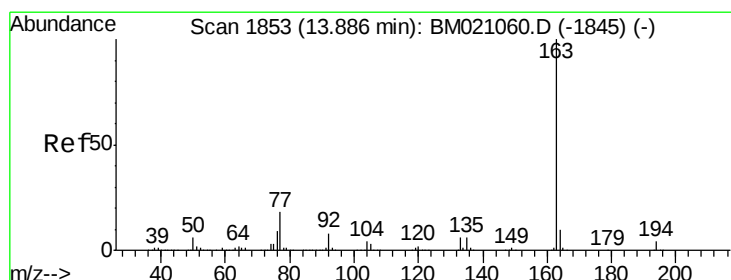
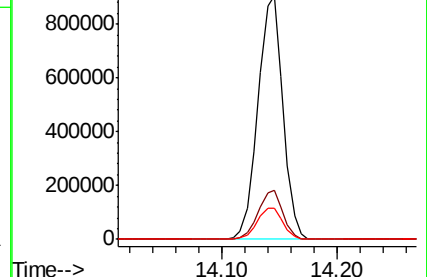
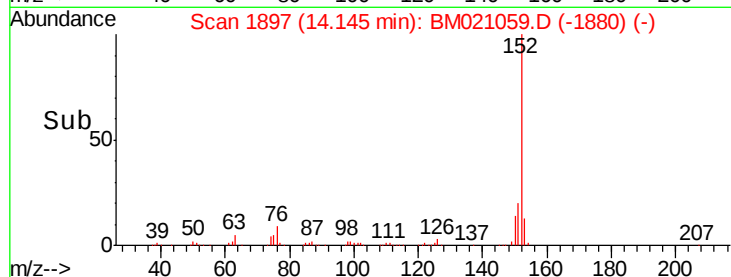
6/21/2019 10:01:40 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 20.520 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

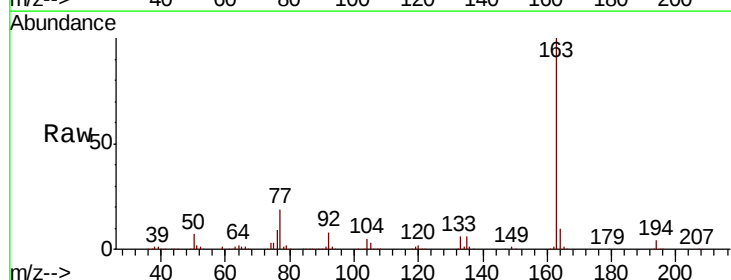
Tgt Ion:163 Resp: 1157672

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

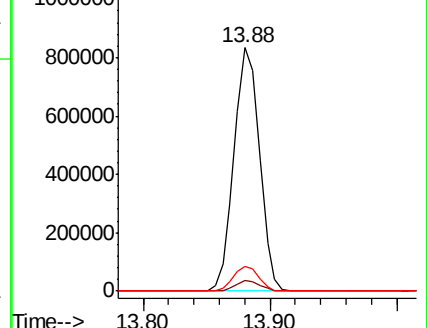
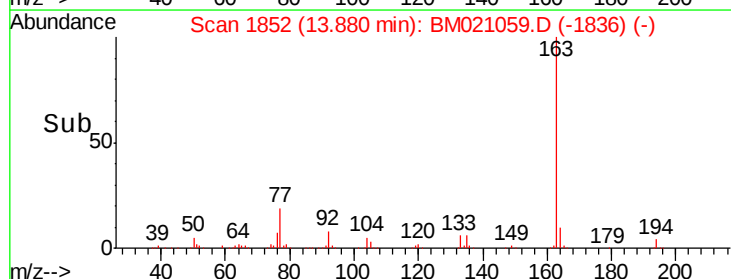
164 10.1 8.2 12.2

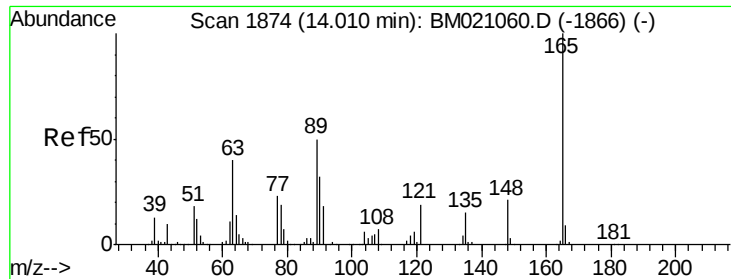


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





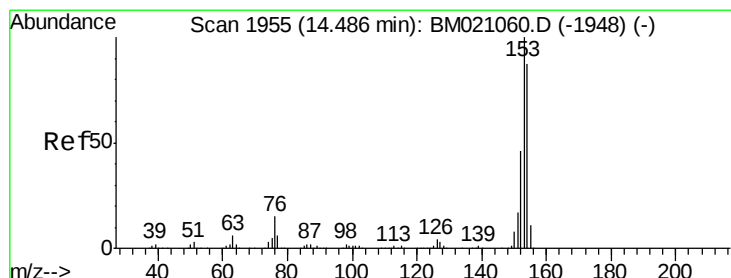
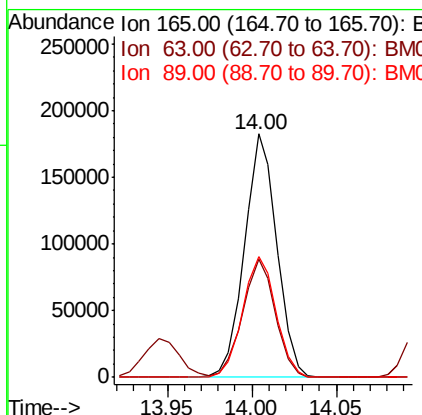
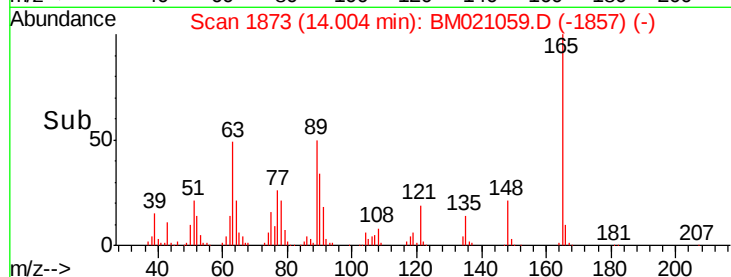
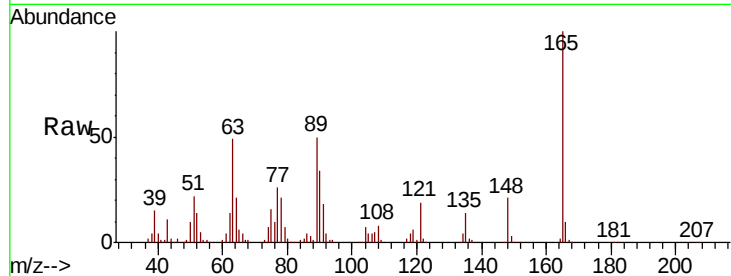
#51
 2,6-Dinitrotoluene
 Concen: 21.193 ng
 RT: 14.00 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampleID :
 SSTDICC020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	242780		
63	48.6		37.8	56.6
89	49.8		39.7	59.5

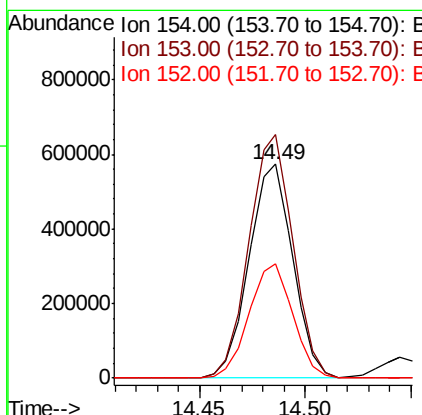
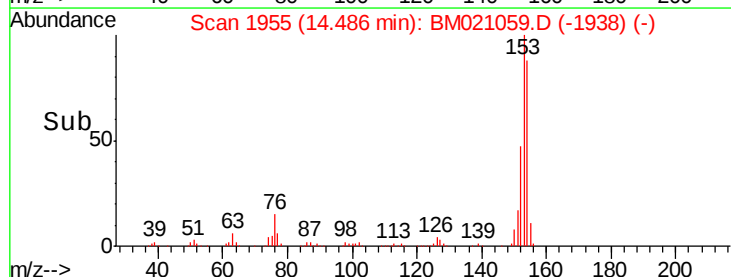
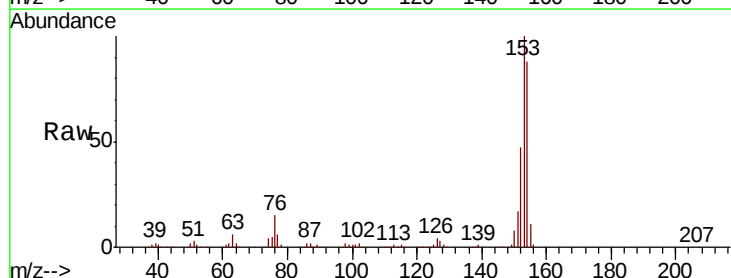
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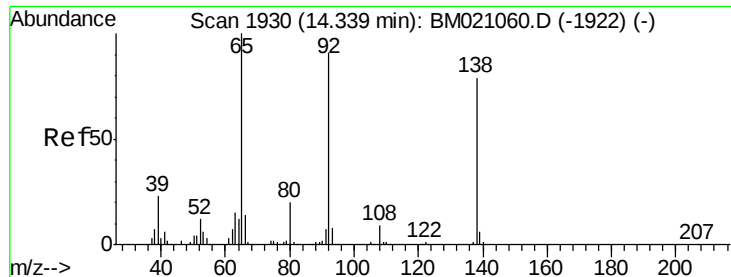
mohammad
 6/21/2019 10:01:40 PM



#52
 Acenaphthene
 Concen: 19.979 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	826886		
153	113.7		91.5	137.3
152	53.5		42.3	63.5





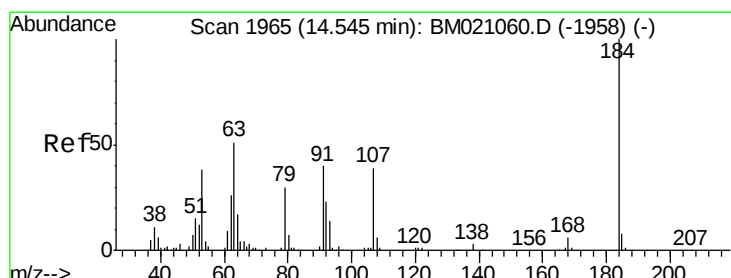
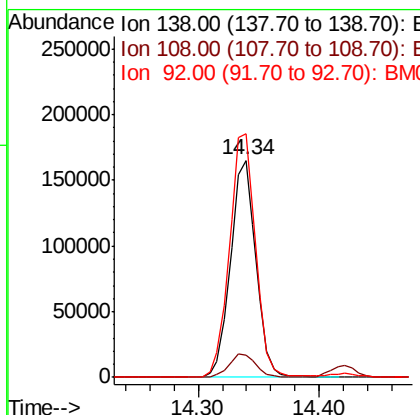
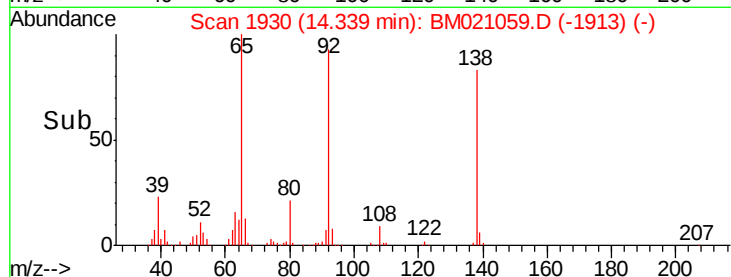
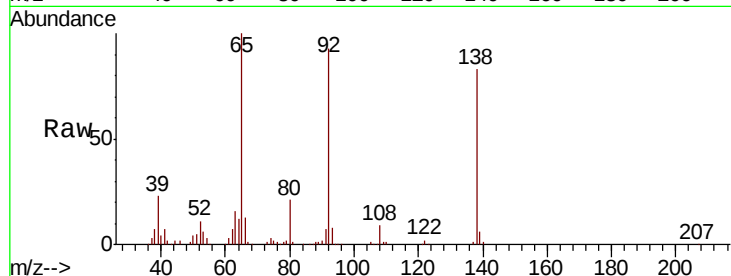
#53
3-Nitroaniline
Concen: 18.945 ng
RT: 14.34 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.0	13.4
92	112.0	92.2	138.2

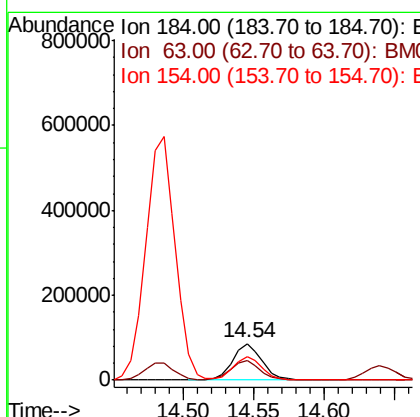
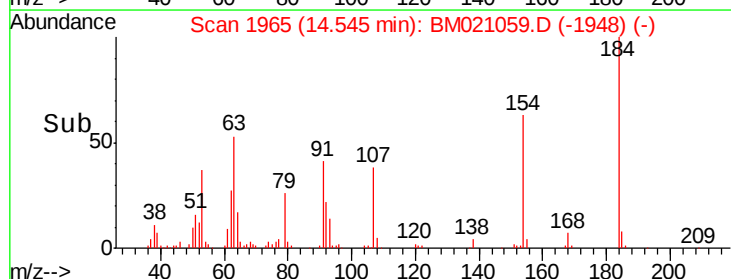
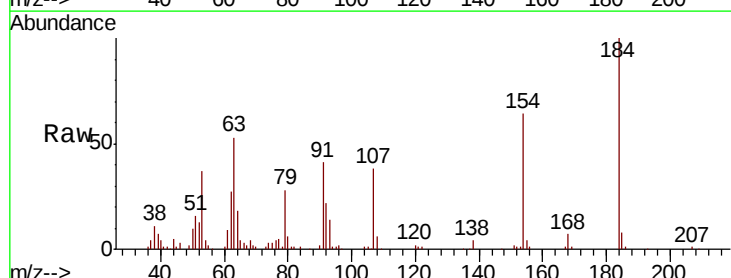
Manual Integrations
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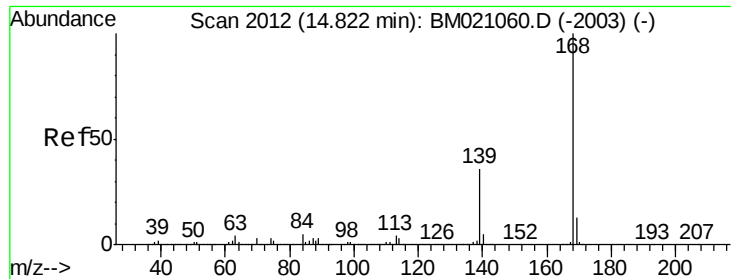
mohammad
6/21/2019 10:01:40 PM



#54
2,4-Dinitrophenol
Concen: 30.043 ng
RT: 14.54 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.2	45.5	68.3
154	63.6	50.6	76.0





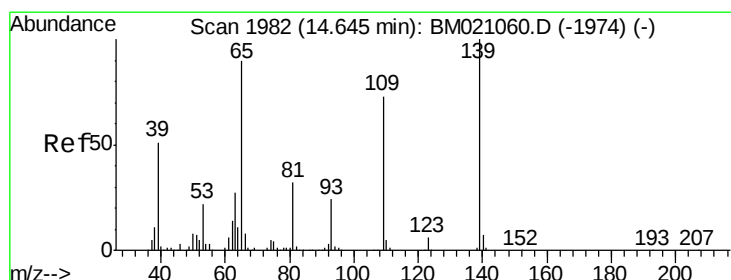
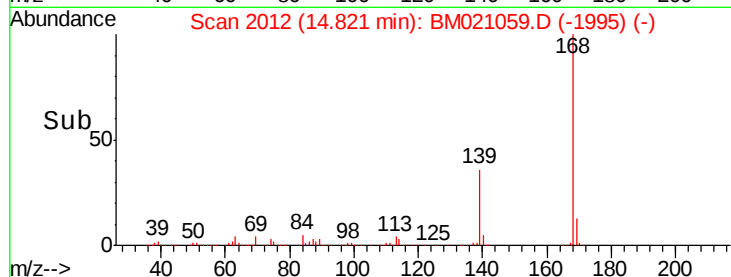
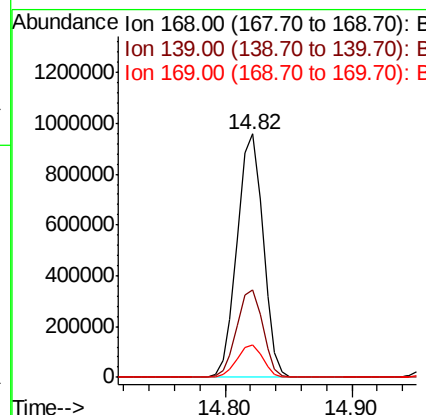
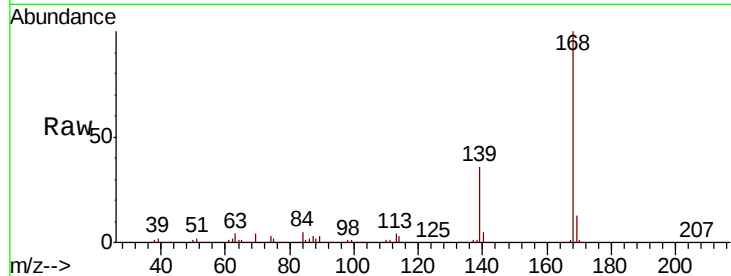
#55
Dibenzenofuran
Concen: 21.080 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion:168 Resp: 1355045
Ion Ratio Lower Upper
168 100
139 35.9 28.4 42.6
169 13.2 10.6 16.0

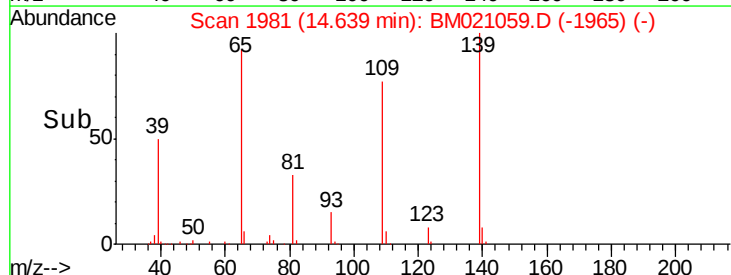
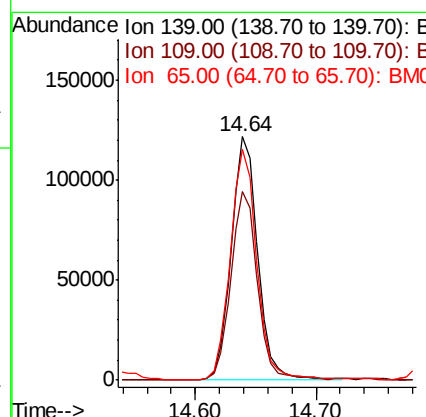
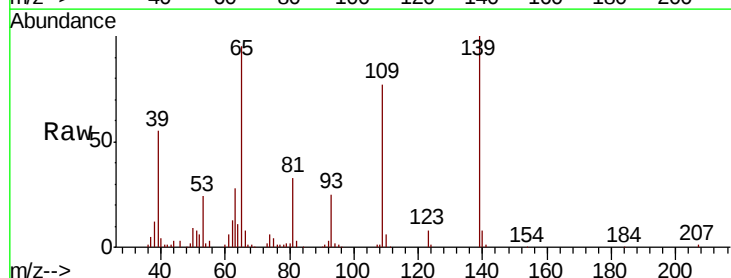
Manual Integrations
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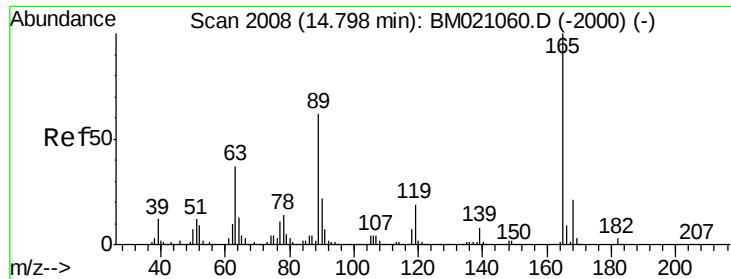
mohammad
6/21/2019 10:01:40 PM



#56
4-Nitrophenol
Concen: 19.688 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:139 Resp: 185507
Ion Ratio Lower Upper
139 100
109 77.5 53.3 93.3
65 95.0 70.3 110.3





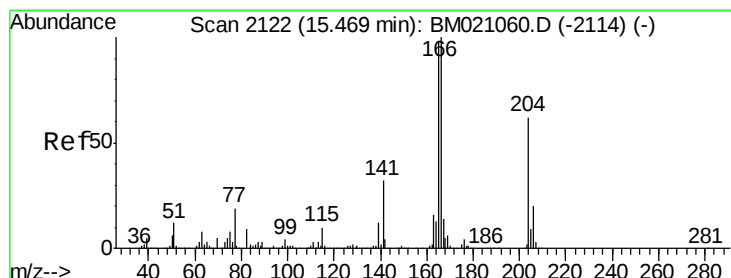
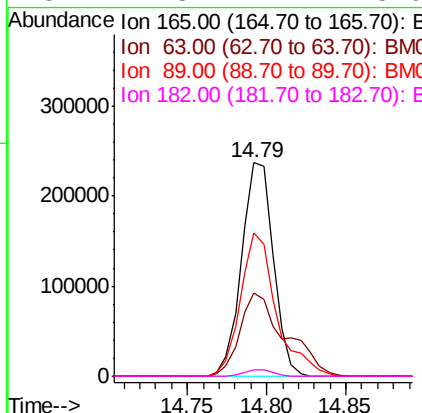
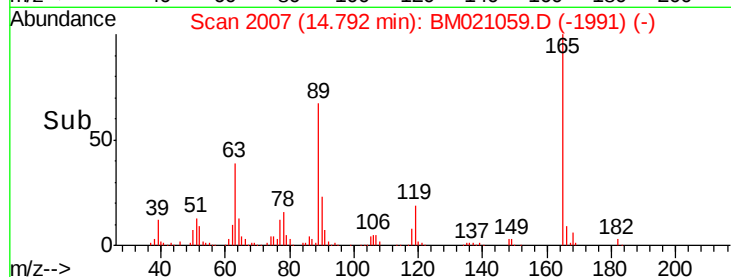
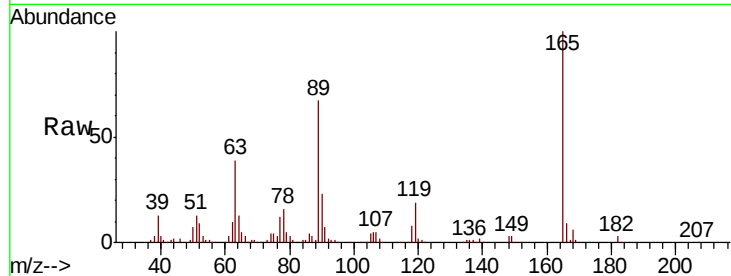
#57
2,4-Dinitrotoluene
Concen: 21.553 ng
RT: 14.79 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	330591		
63	38.8	29.6	44.4	
89	67.0	49.5	74.3	
182	2.8	2.4	3.6	

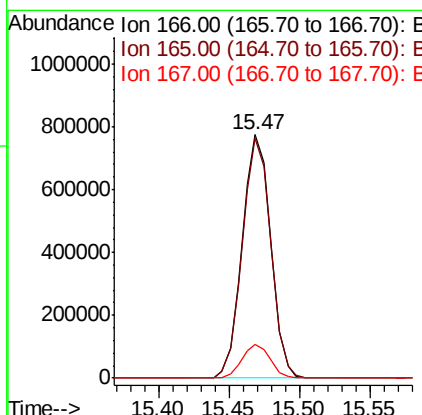
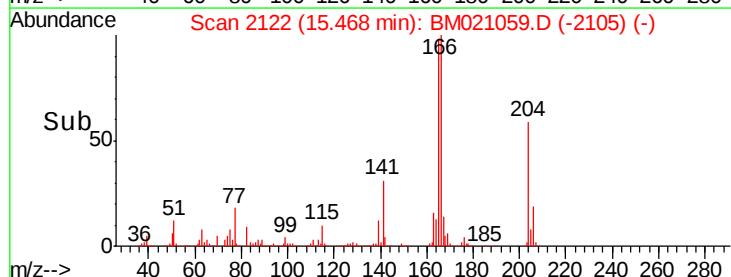
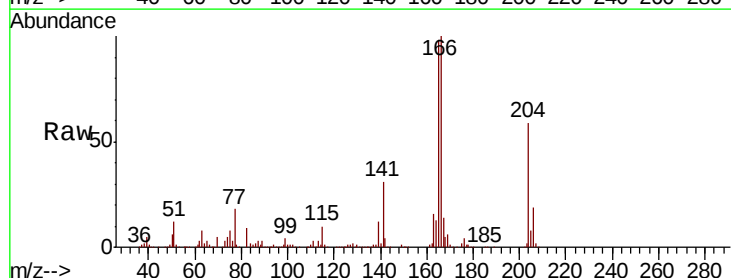
Manual Integrations
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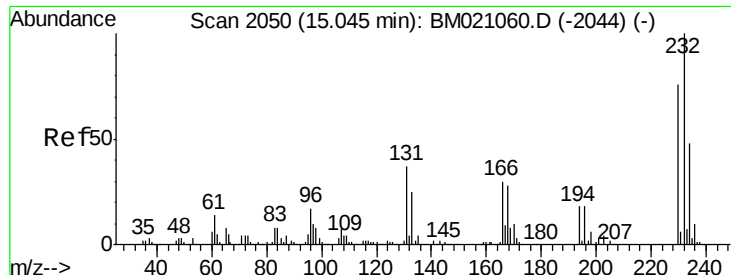
mohammad
6/21/2019 10:01:40 PM



#58
Fluorene
Concen: 20.699 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1094176		
165	98.3	78.6	117.8	
167	13.7	10.9	16.3	





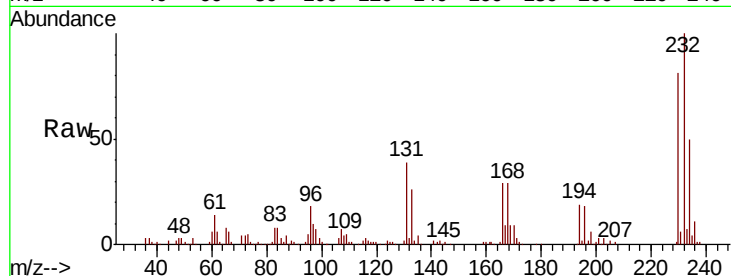
#59
2,3,4,6-Tetrachlorophenol
Concen: 25.268 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
232	100	316636		
131	38.9		30.6	46.0
130	2.0		1.7	2.5
166	30.0		23.4	35.0

Manual Integrations
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mohammad
6/21/2019 10:01:40 PM



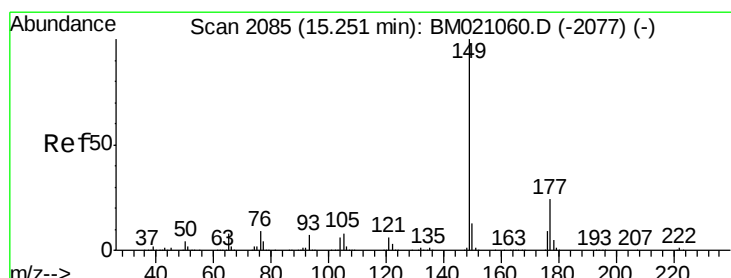
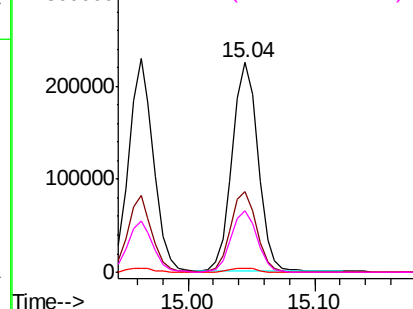
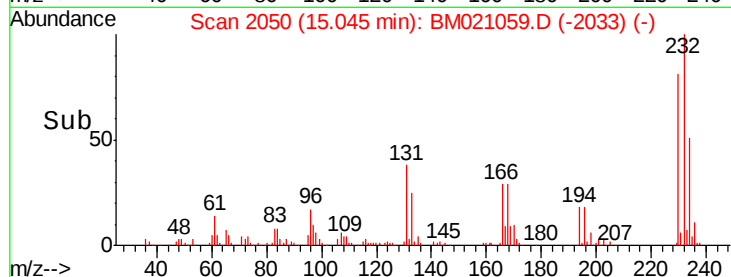
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

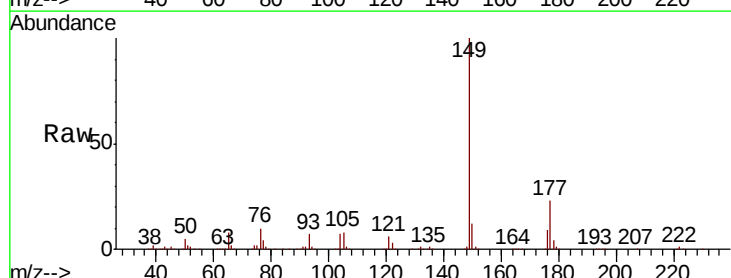
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 19.607 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1140856		
177	23.2		19.1	28.7
150	12.4		10.1	15.1

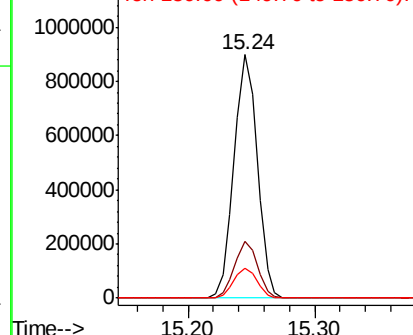
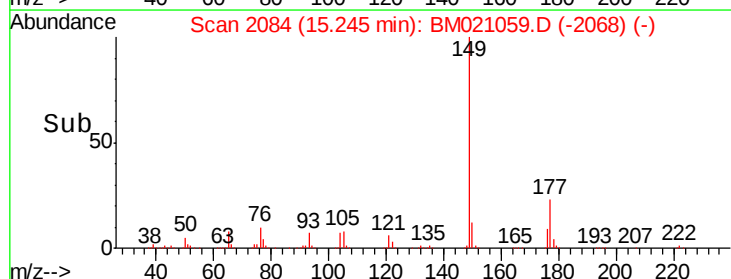


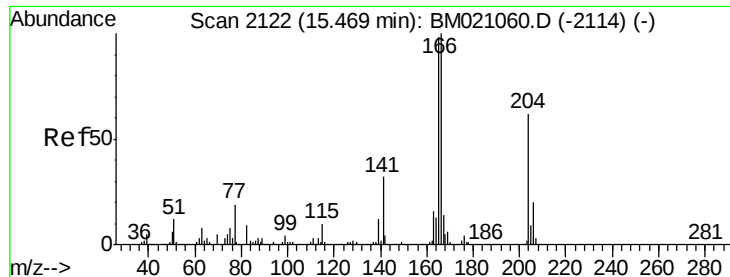
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





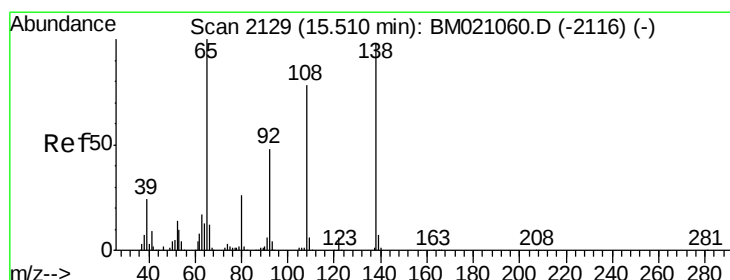
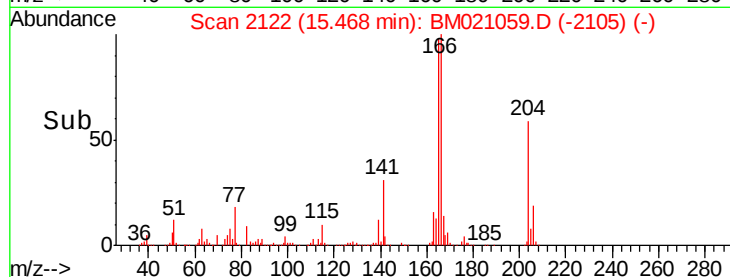
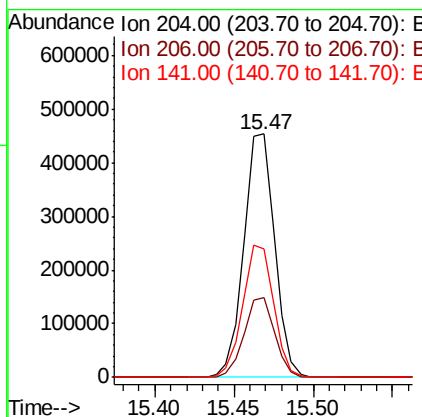
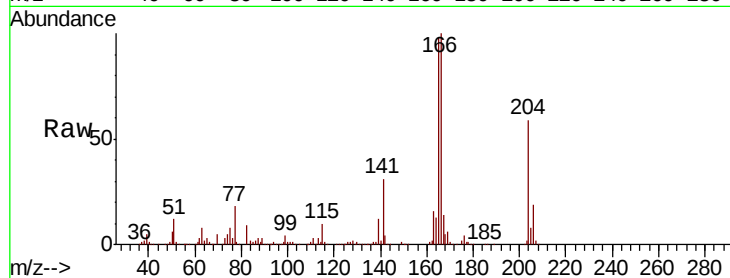
#61
4-Chlorophenyl-phenylether
Concen: 21.928 ng
RT: 15.47 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleID :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.1	39.1
141	52.5	40.7	61.1

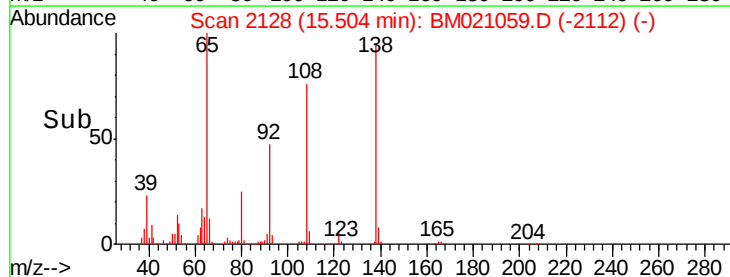
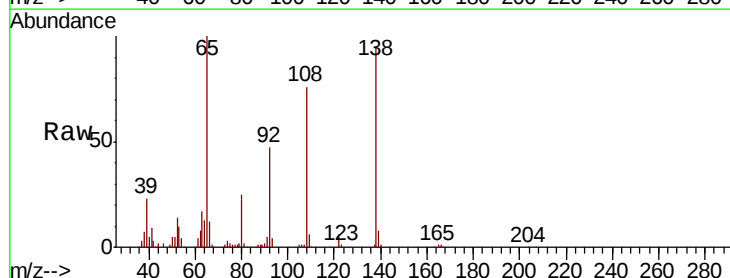
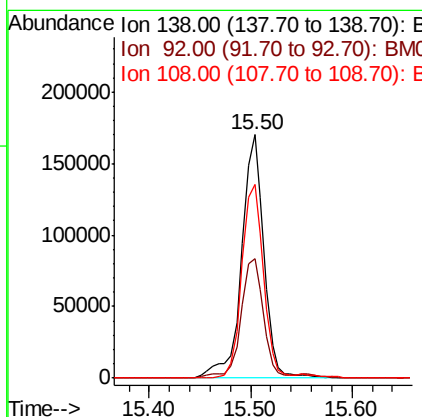
Manual Integrations
APPROVED

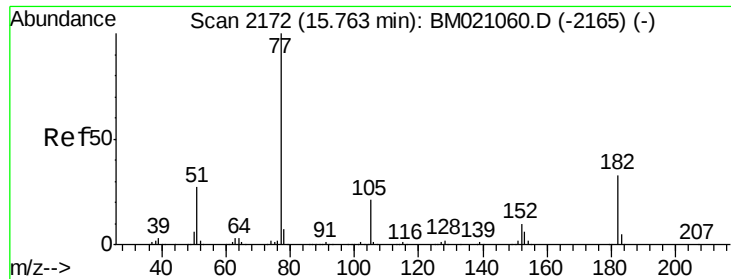
mohammad
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#62
4-Nitroaniline
Concen: 19.192 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	29.1	69.1
108	79.7	59.2	99.2





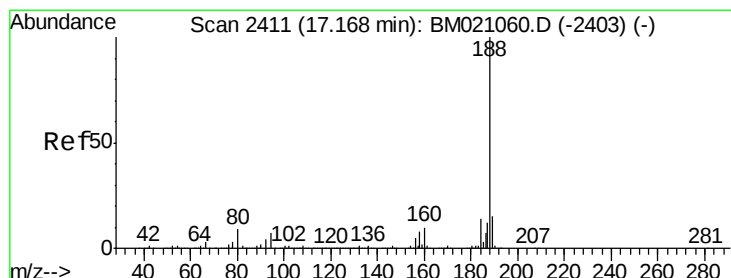
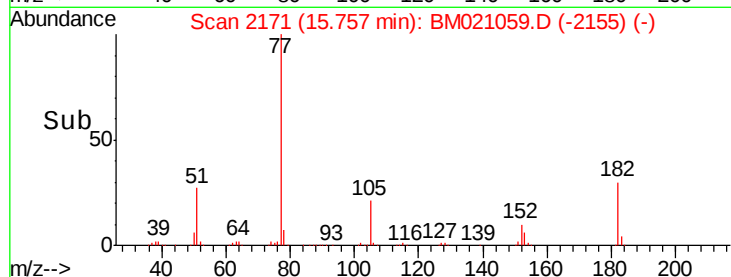
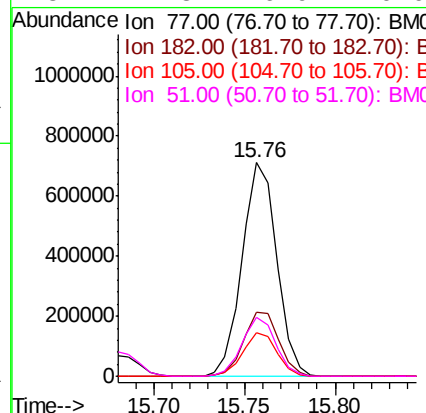
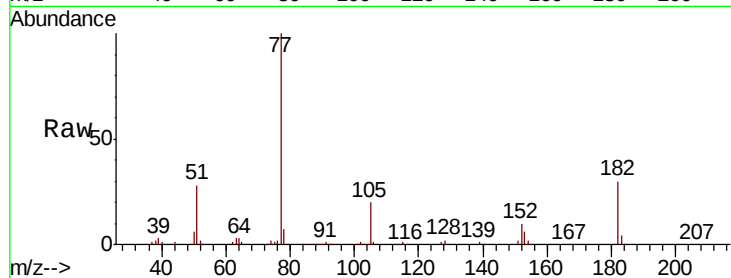
#63
Azobenzene
Concen: 16.891 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleID :
SSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.0	12.6	52.6	
105	20.4	1.1	41.1	
51	27.8	6.9	46.9	

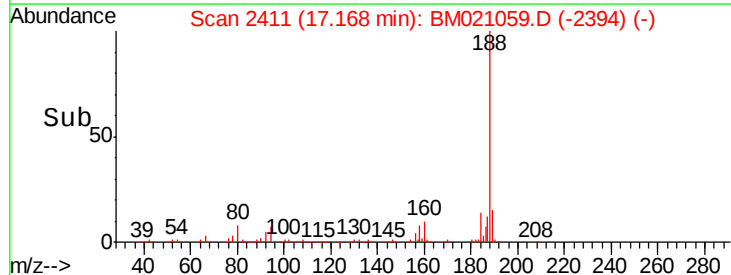
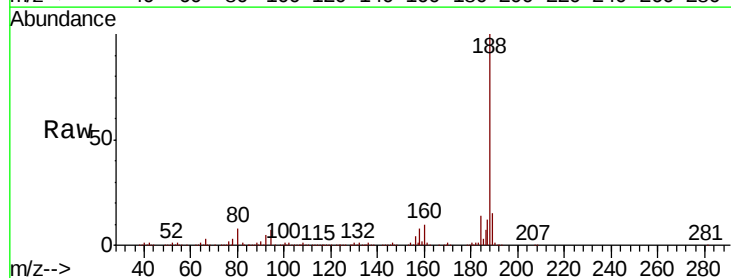
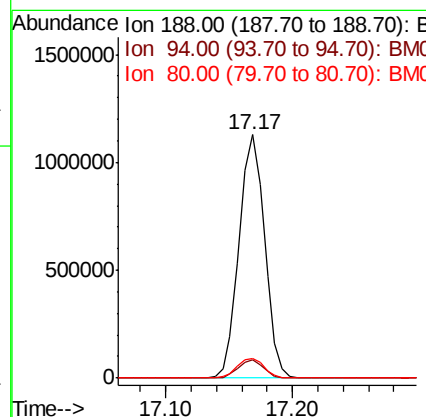
Manual Integrations
APPROVED

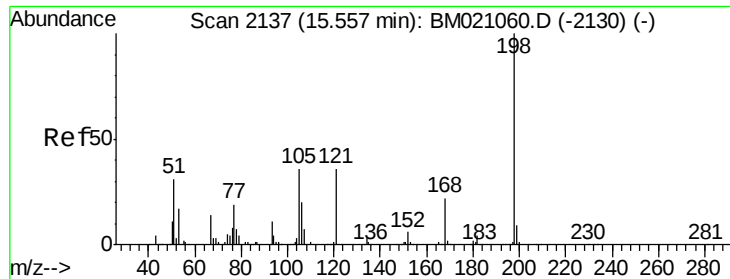
mohammad
6/21/2019 10:01:40 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.4	5.8	8.8	
80	8.2	6.9	10.3	





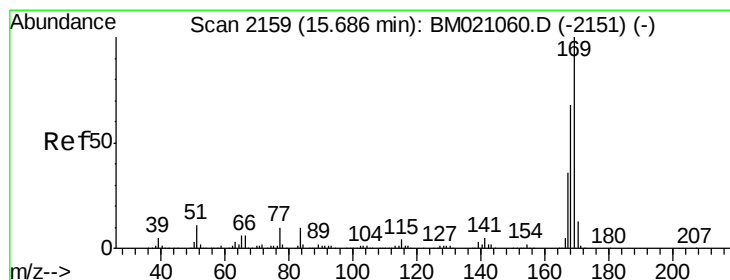
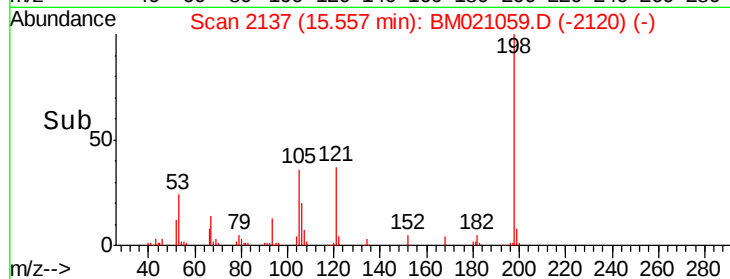
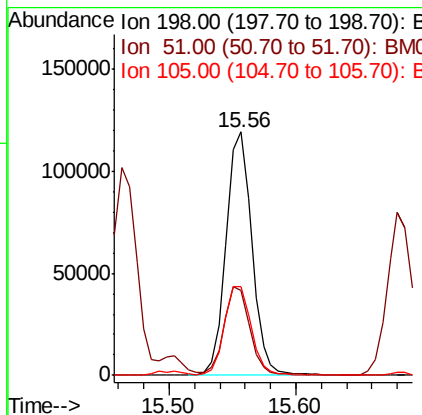
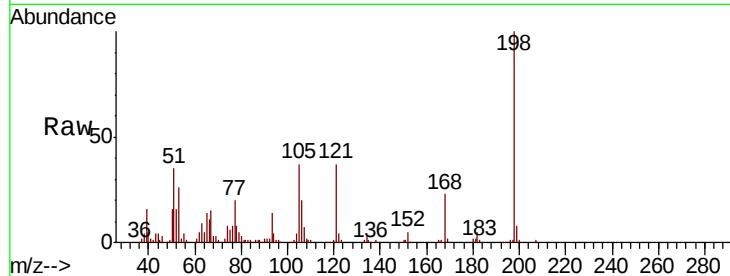
#65
4,6-Dinitro-2-methylphenol
Concen: 25.879 ng
RT: 15.56 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
198	100	168264		
51	34.9	15.3	55.3	
105	36.7	16.8	56.8	

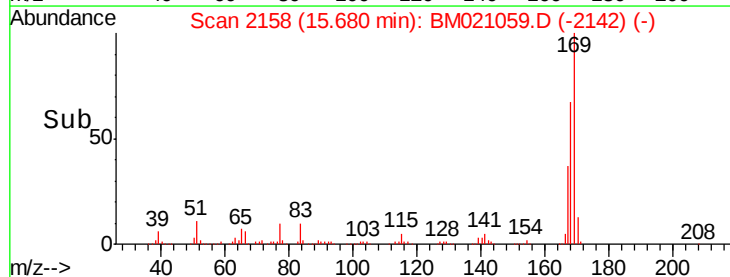
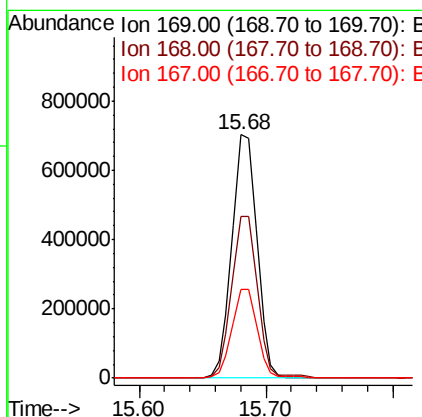
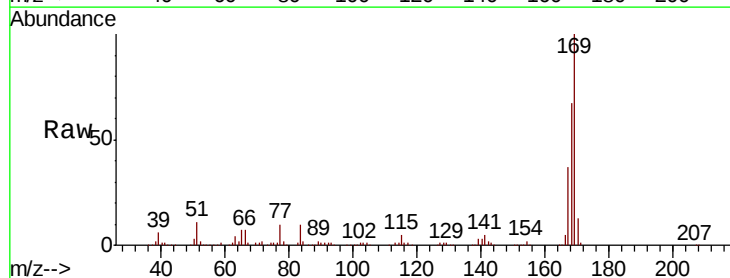
Manual Integrations
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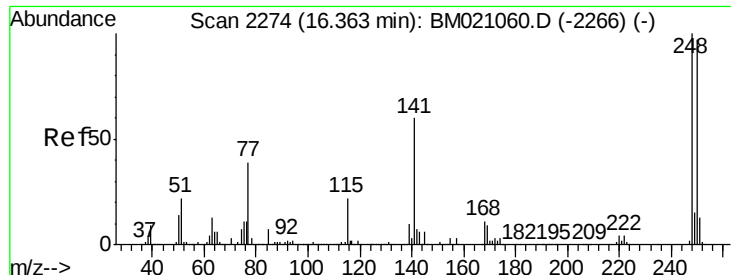
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 19.115 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	962764		
168	66.7	54.5	81.7	
167	36.6	29.0	43.6	





#67

4-Bromophenyl-phenylether

Concen: 21.574 ng

RT: 16.36 min Scan# 2274

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

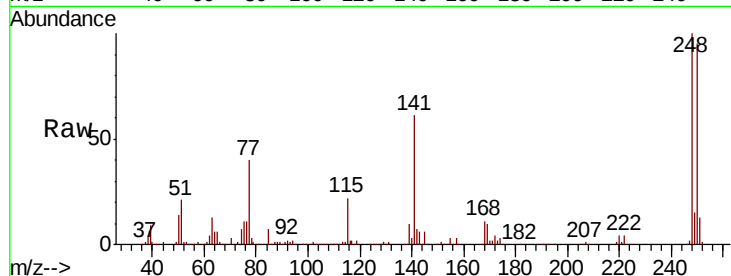
ClientSampleId :

SSTDIC020

Tot Ion:	248	Resp:	399646
Ion Ratio	Lower	Upper	
248	100		
250	94.8	77.5	116.3
141	61.2	47.8	71.6

Manual Integrations
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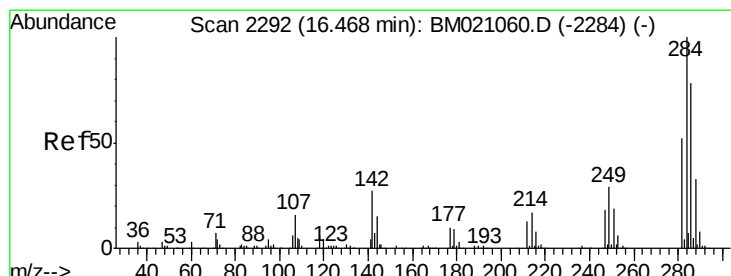
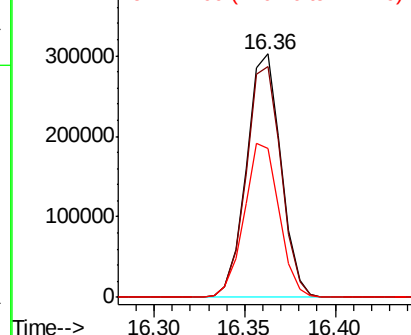
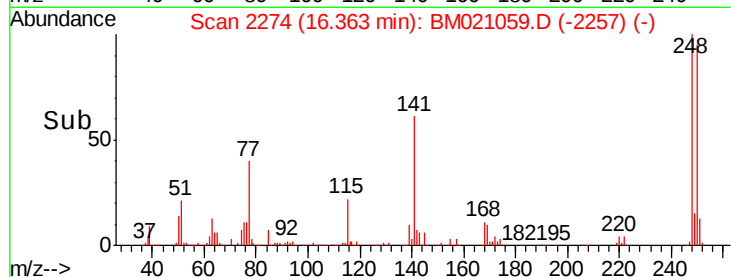


Abundance

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: 22.087 ng

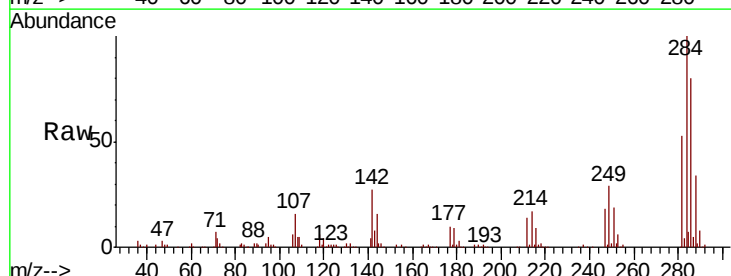
RT: 16.47 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:	284	Resp:	477774
Ion Ratio	Lower	Upper	
284	100		
142	26.8	21.2	31.8
249	29.3	23.4	35.0

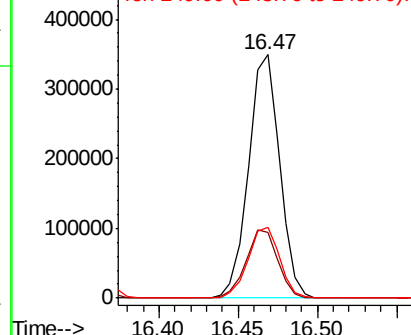
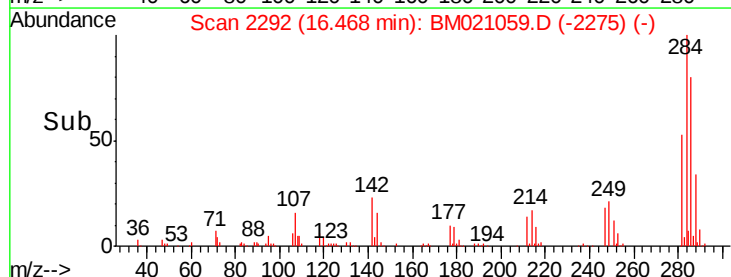


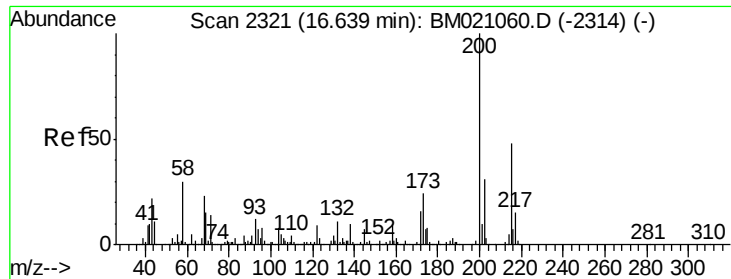
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





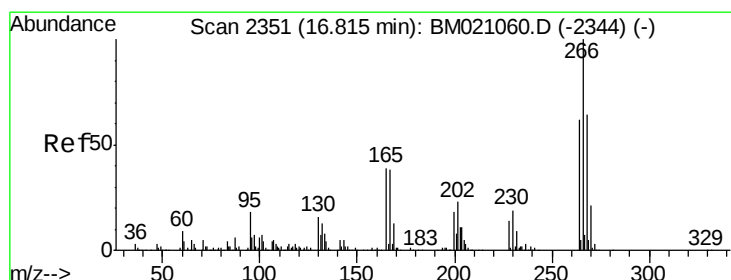
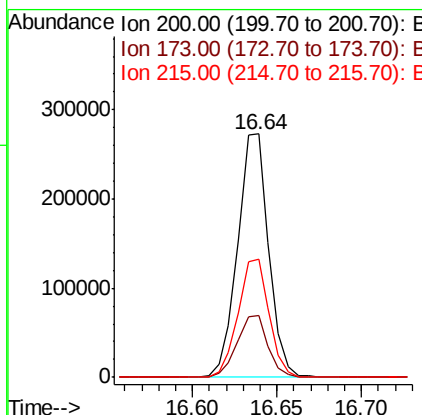
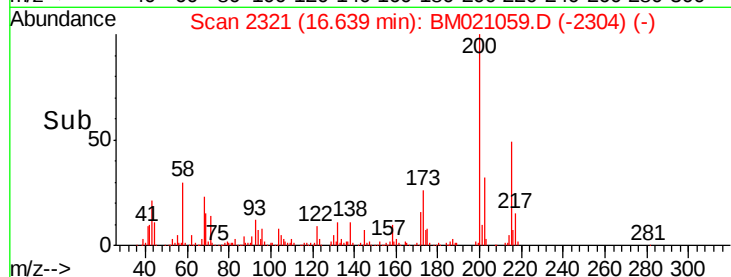
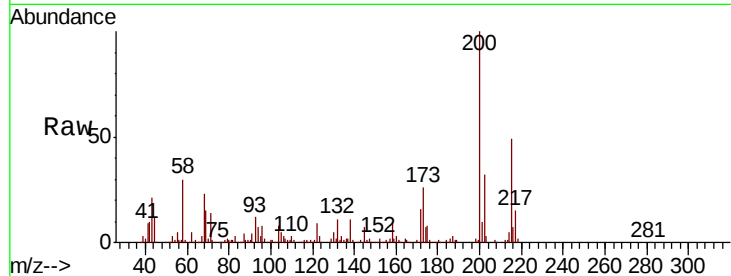
#69
Atrazine
Concen: 23.324 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.5	4.3	44.3
215	48.7	28.2	68.2

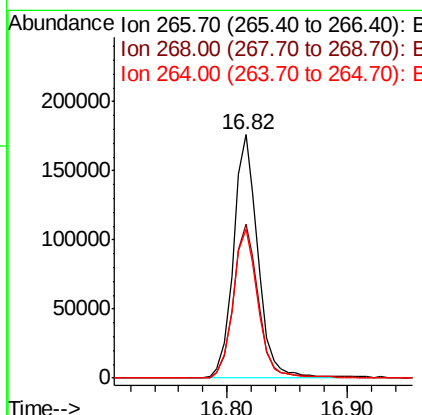
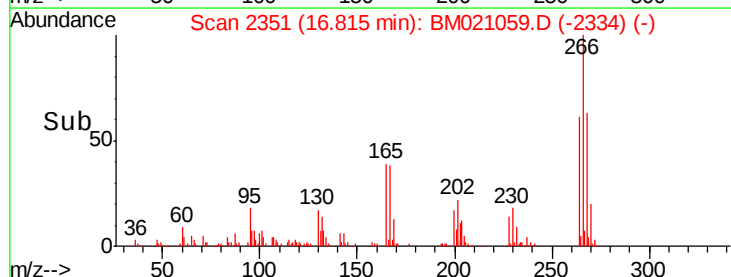
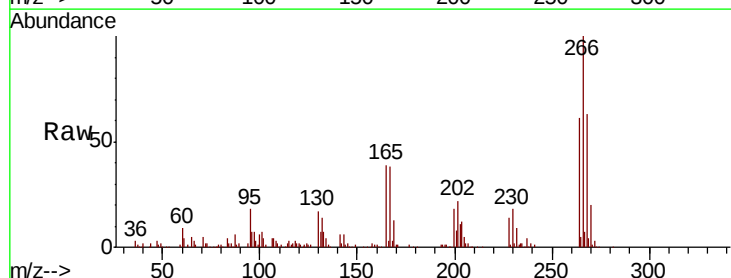
Manual Integrations
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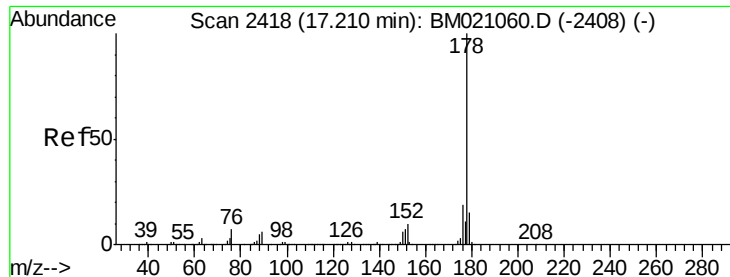
mohammad
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#70
Pentachlorophenol
Concen: 24.130 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.0	76.4
264	61.3	49.9	74.9





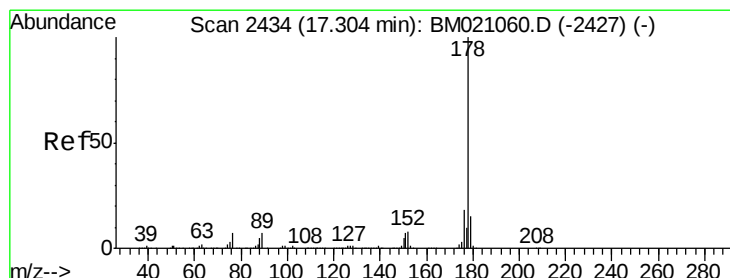
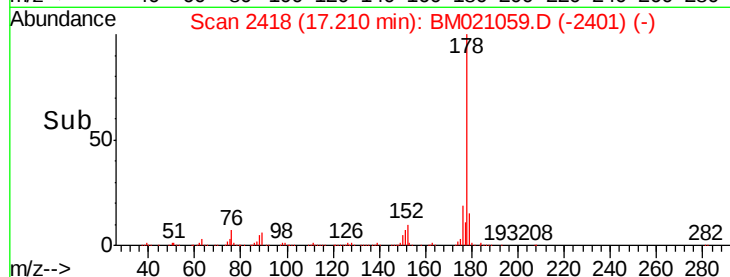
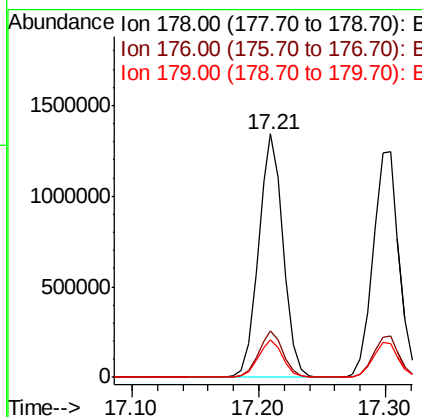
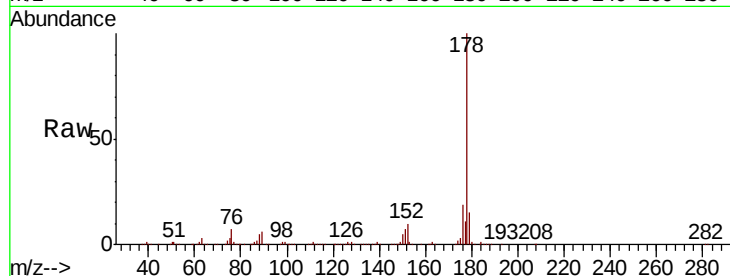
#71
Phenanthrene
Concen: 20.284 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.2	12.2	18.4

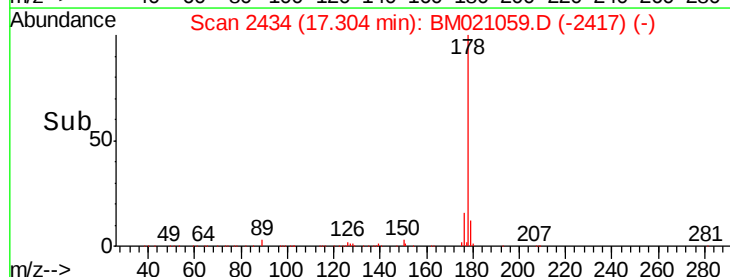
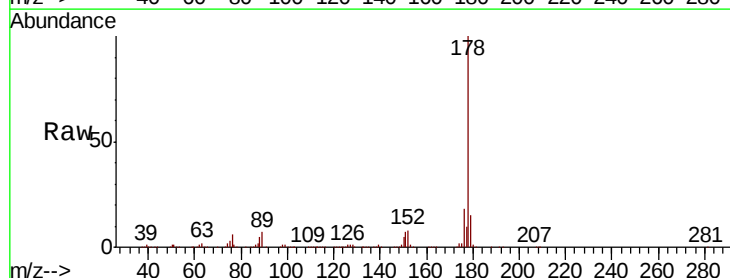
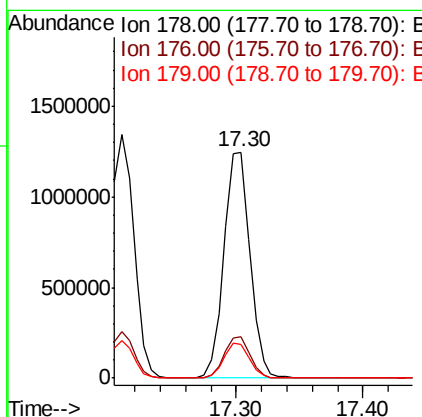
Manual Integrations
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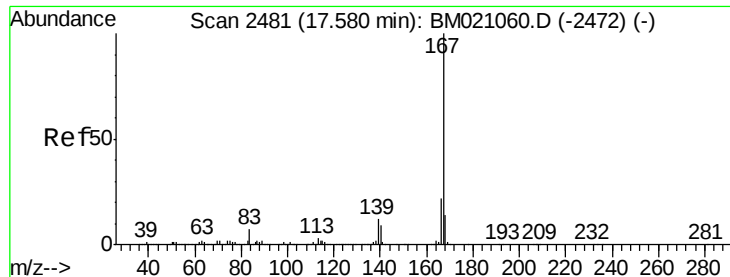
mohammad
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#72
Anthracene
Concen: 19.865 ng
RT: 17.30 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.1	12.2	18.2





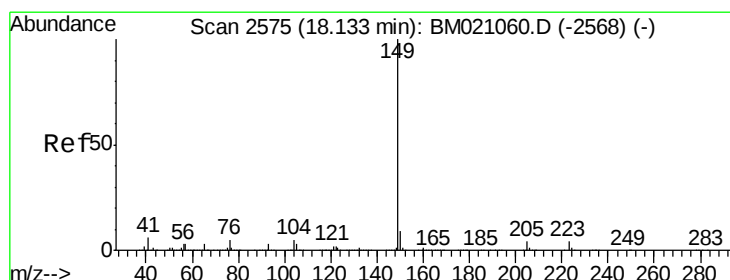
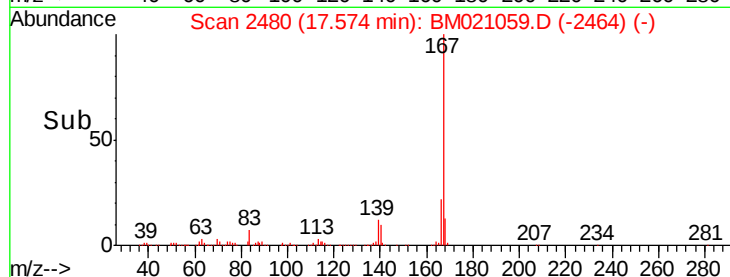
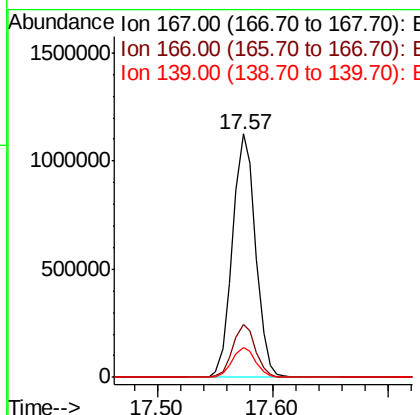
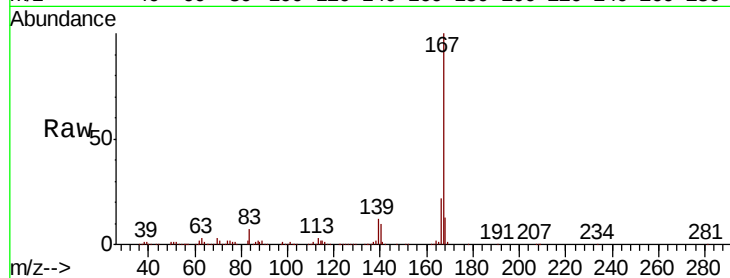
#73
 Carbazole
 Concen: 19.310 ng
 RT: 17.57 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC020

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.6	17.4	26.2	
139	12.2	9.7	14.5	

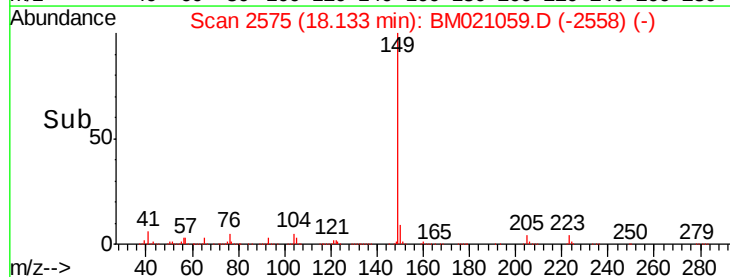
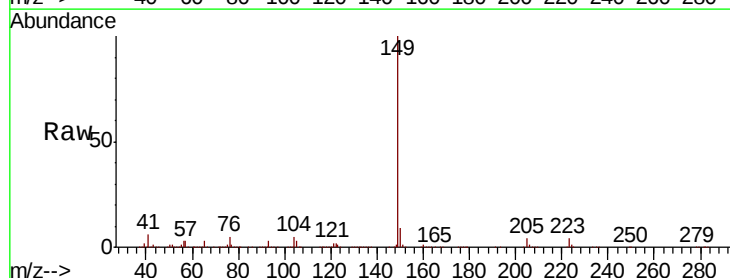
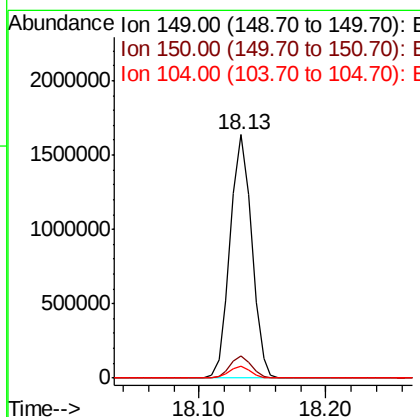
Manual Integrations
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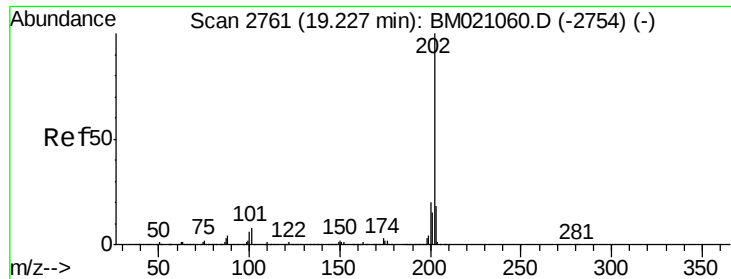
mohammad
 6/21/2019 10:01:40 PM



#74
 Di-n-butylphthalate
 Concen: 18.313 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. -0.00 min
 Lab File: BM021059.D
 Acq: 20 Jun 2019 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.1	7.4	11.0	
104	4.7	3.8	5.8	





#75

Fluoranthene

Concen: 21.224 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion:202 Resp: 2104958

Ion Ratio Lower Upper

202 100

101 7.9 0.0 28.2

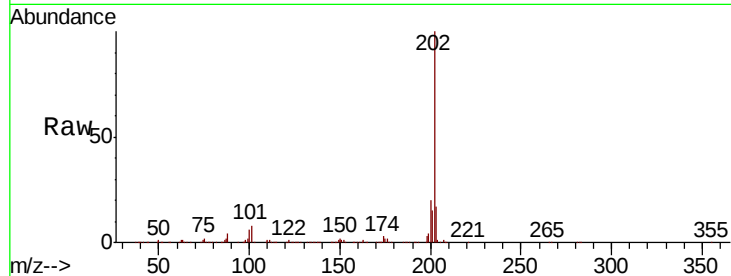
203 17.1 0.0 37.6

Manual Integrations

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mohammad

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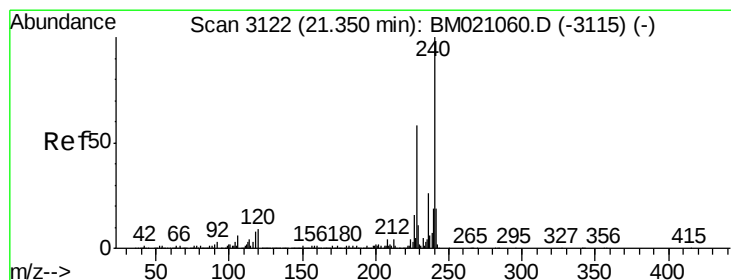
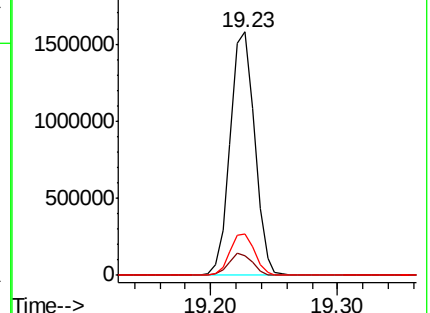
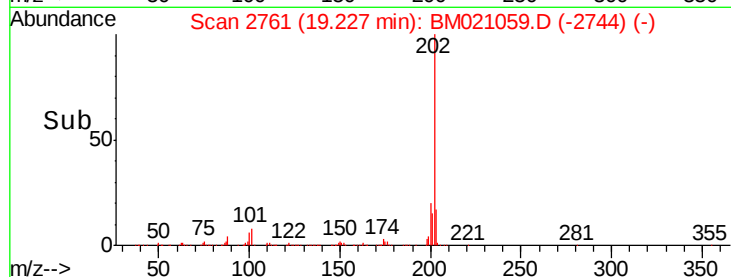


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

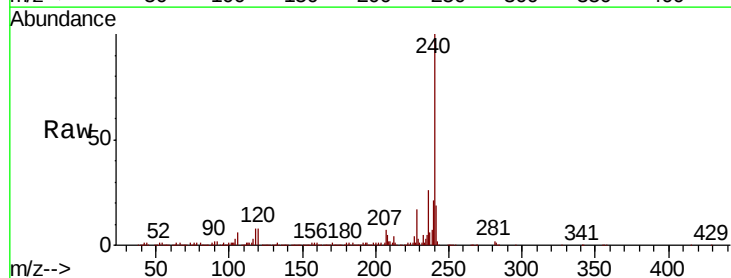
Tgt Ion:240 Resp: 1489374

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

236 25.9 20.4 30.6

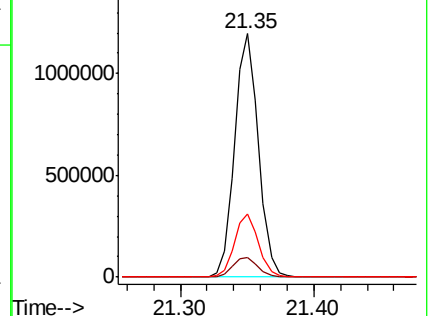
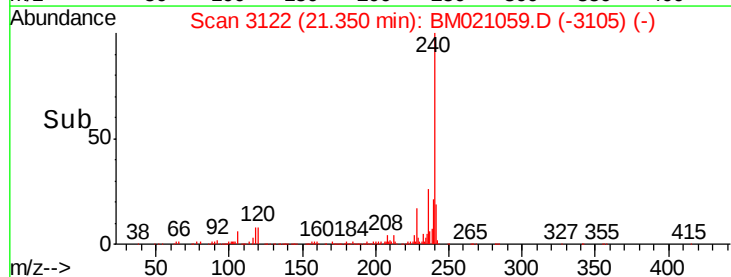


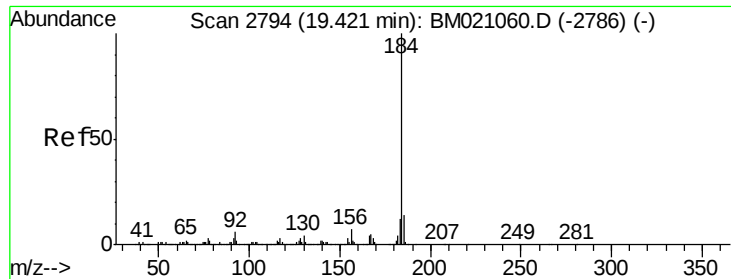
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 21.271 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

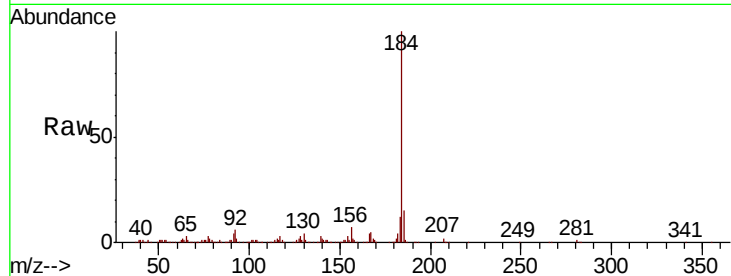
ClientSampleId :

SSTDIC020

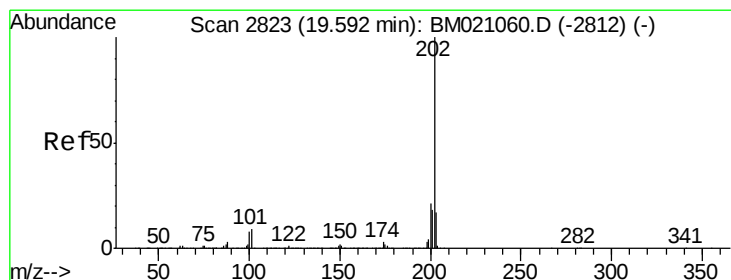
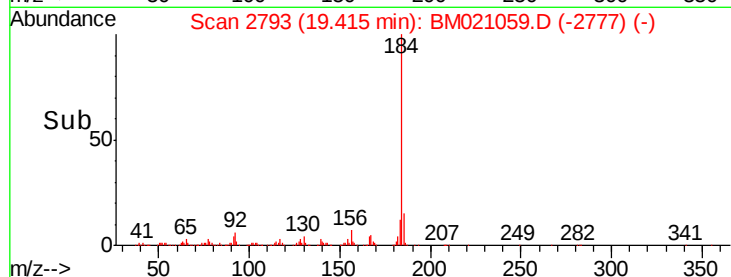
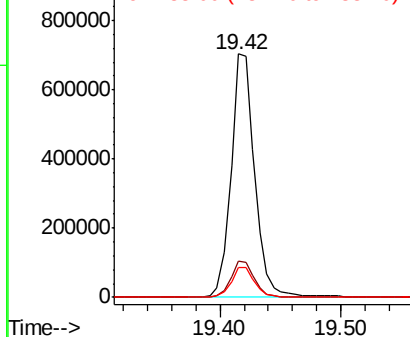
Tot Ion:	184	Resp:	959970
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.4	17.2
183	12.0	9.6	14.4

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



#78

Pyrene

Concen: 18.846 ng

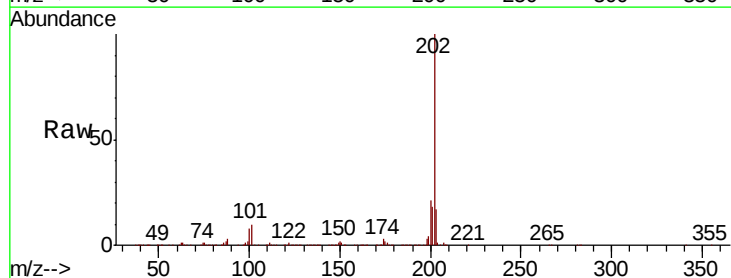
RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

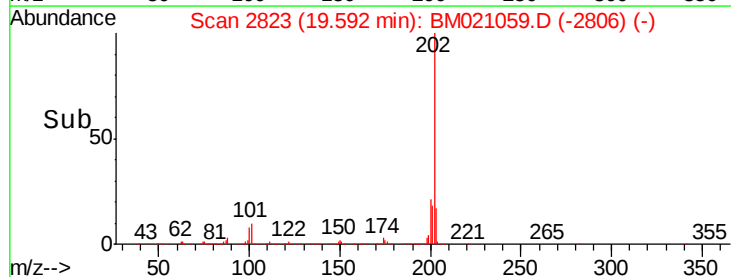
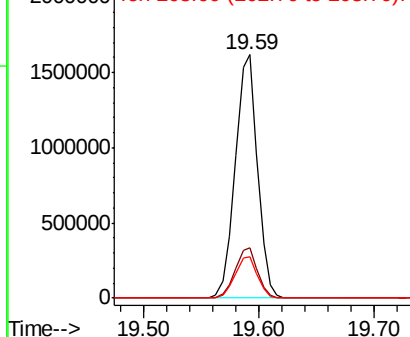
Lab File: BM021059.D

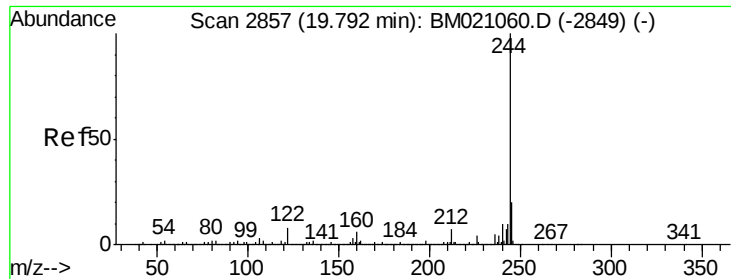
Acq: 20 Jun 2019 10:48

Tgt Ion:	202	Resp:	2153945
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	17.3	14.0	21.0



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: 35.527 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion:244 Resp: 3163412

Ion Ratio Lower Upper

244 100

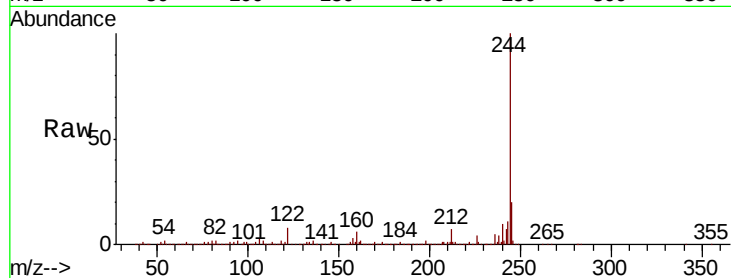
212 6.5 5.3 7.9

122 7.9 6.6 9.8

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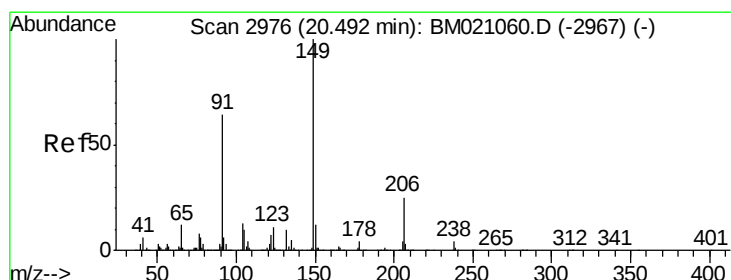
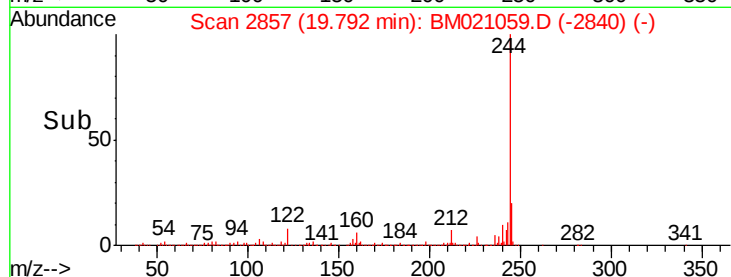
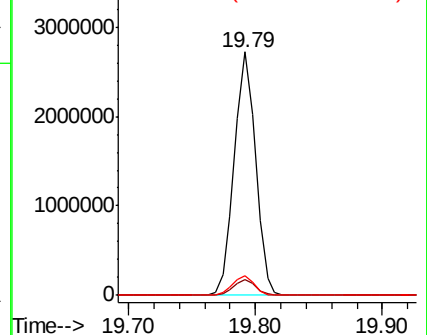
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 16.774 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

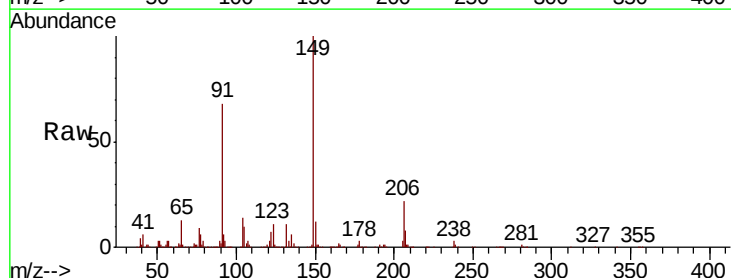
Tgt Ion:149 Resp: 810199

Ion Ratio Lower Upper

149 100

91 67.7 50.9 76.3

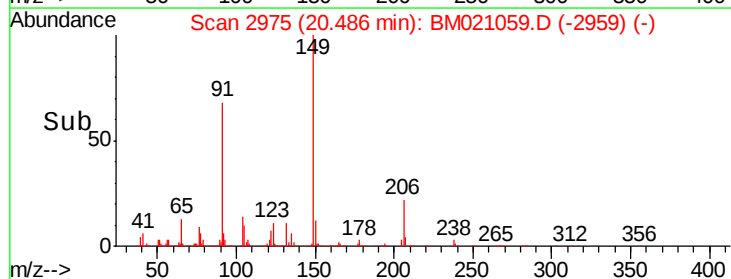
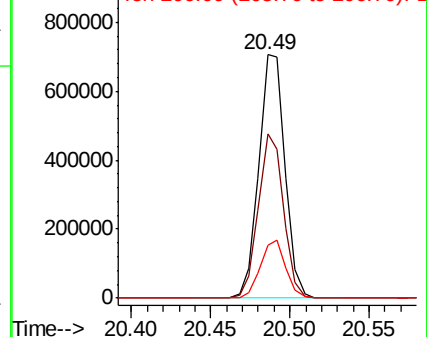
206 21.9 19.7 29.5

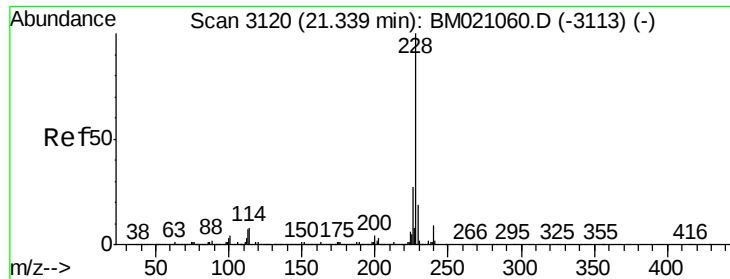


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 19.647 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDICC020

Tot Ion:228 Resp: 2037780

Ion Ratio Lower Upper

228 100

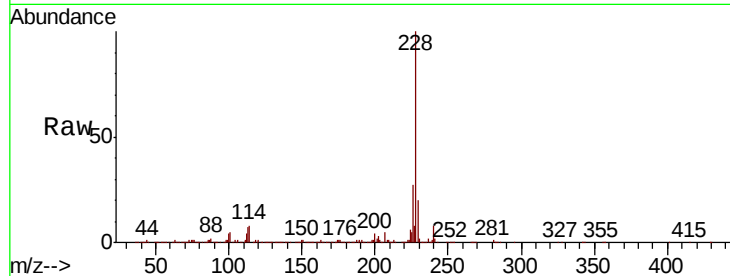
226 27.1 21.6 32.4

229 19.6 15.5 23.3

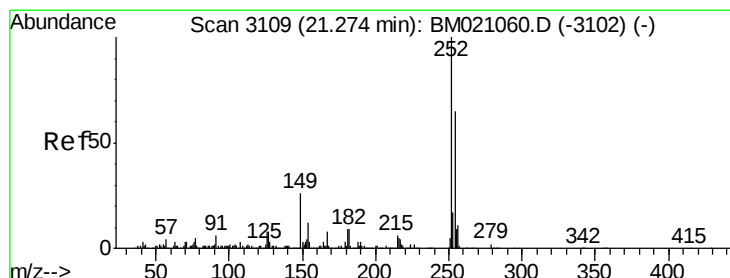
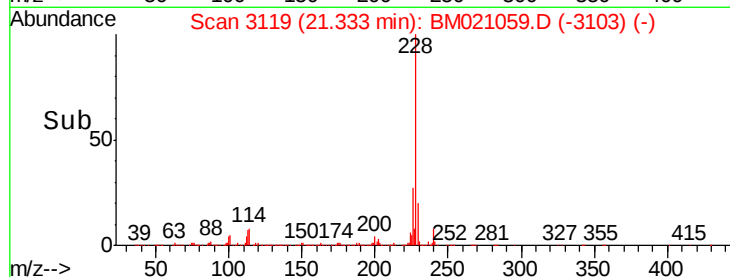
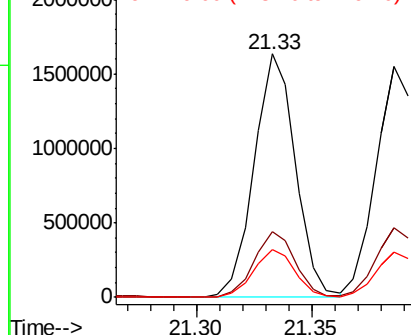
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 20.406 ng

RT: 21.27 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

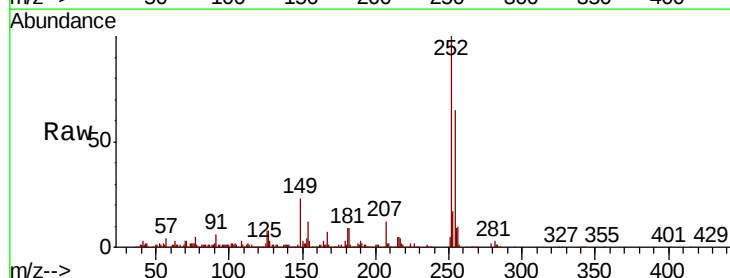
Tgt Ion:252 Resp: 775025

Ion Ratio Lower Upper

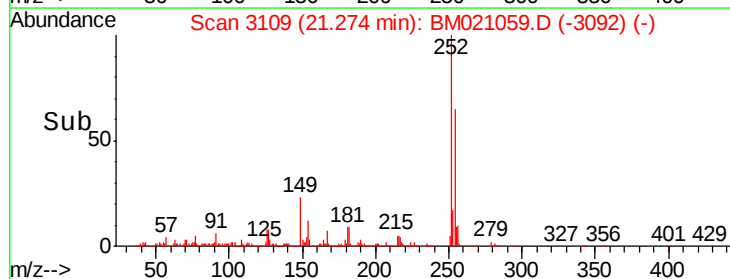
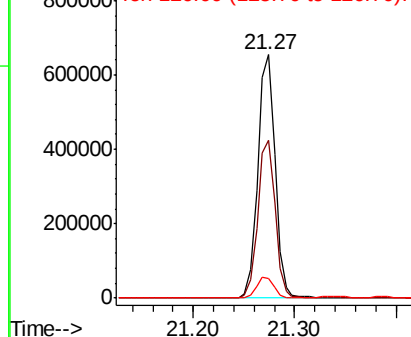
252 100

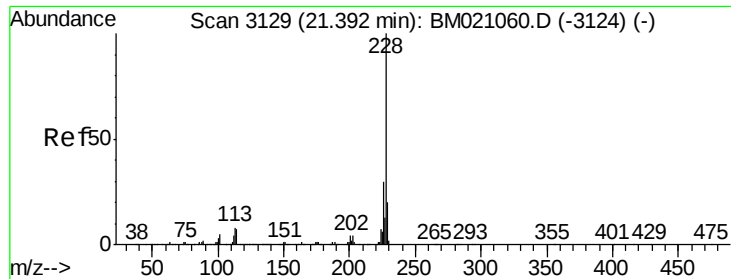
254 65.0 51.7 77.5

126 8.0 6.6 9.8



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





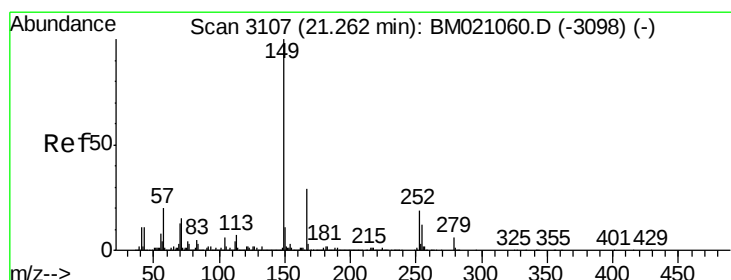
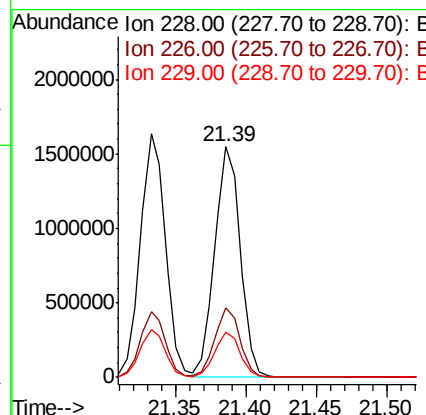
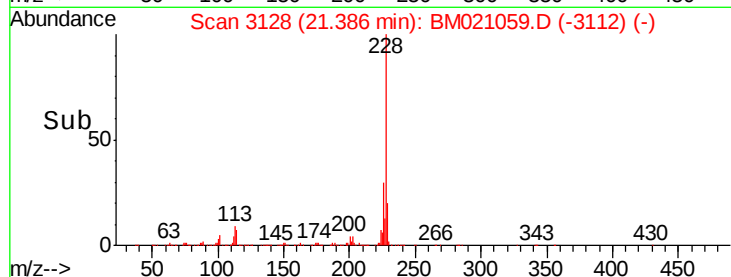
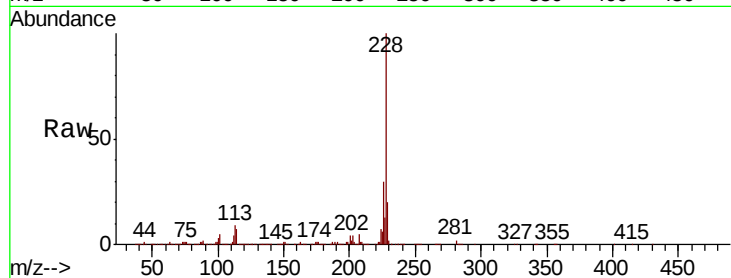
#83
Chrysene
Concen: 19.737 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.7	15.6	23.4

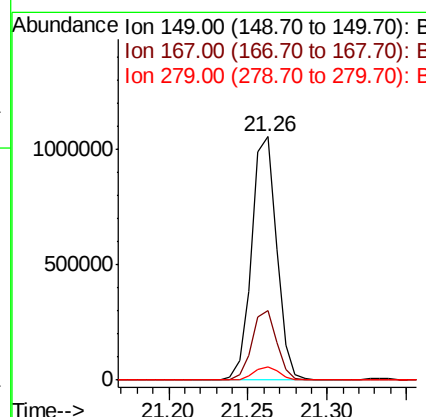
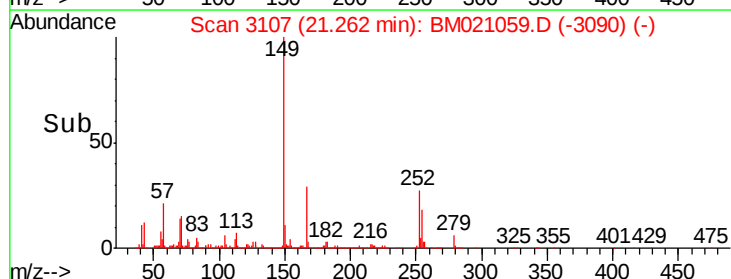
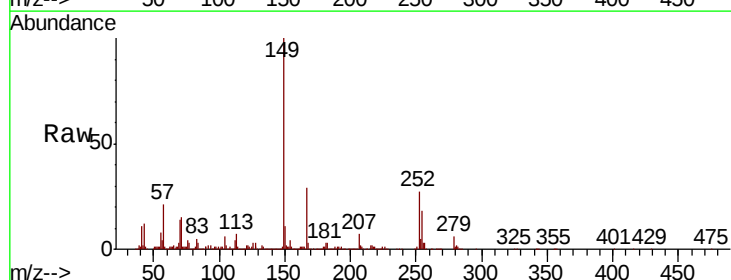
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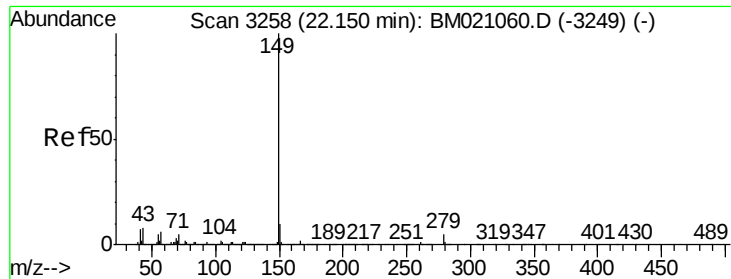
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 16.470 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.4
279	5.6	4.6	7.0





#85

Di-n-octyl phthalate

Concen: 16.603 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

ClientSampleId :

SSTDIC020

Tot Ion:149 Resp: 1850382

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

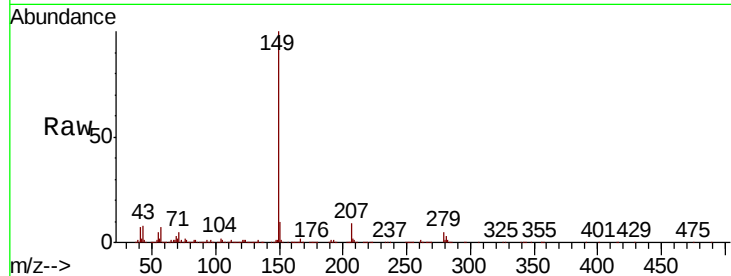
43 7.8 6.2 9.2

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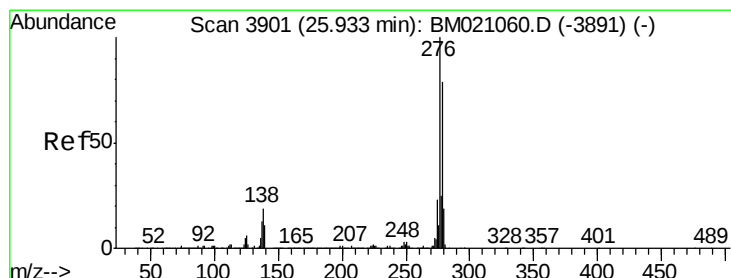
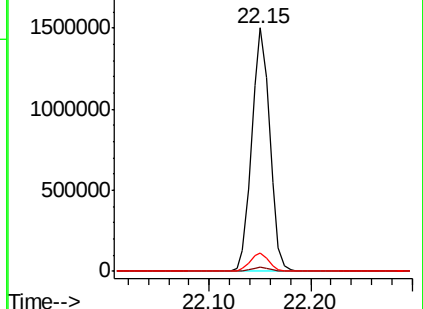
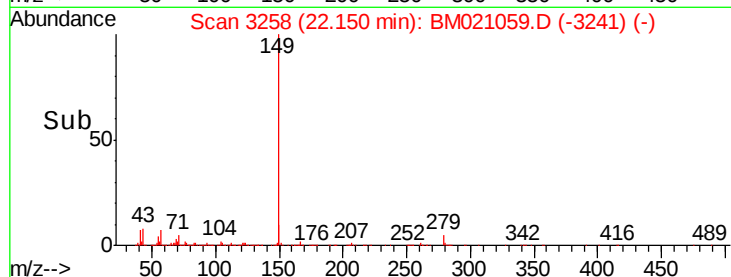
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 21.085 ng

RT: 25.93 min Scan# 3900

Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

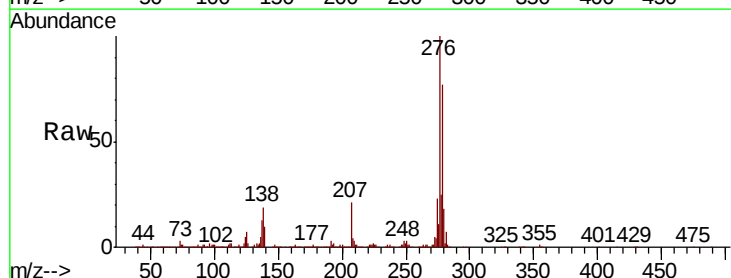
Tgt Ion:276 Resp: 2126733

Ion Ratio Lower Upper

276 100

138 19.5 15.4 23.0

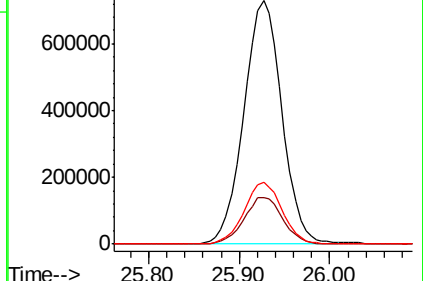
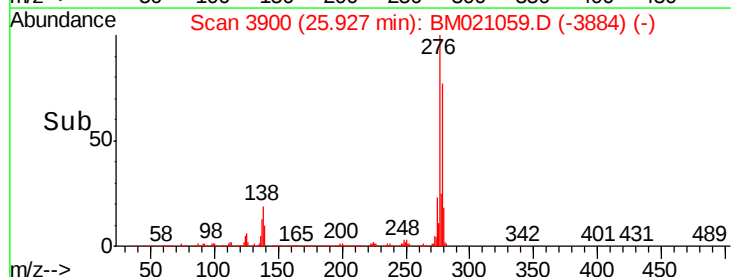
277 25.3 20.4 30.6

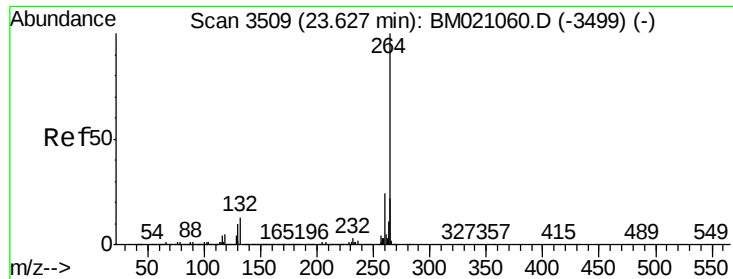


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Instrument :

BNA_M

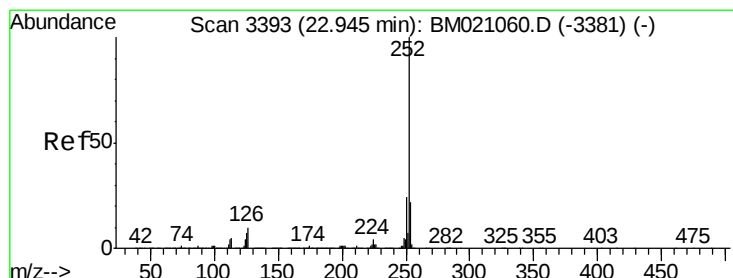
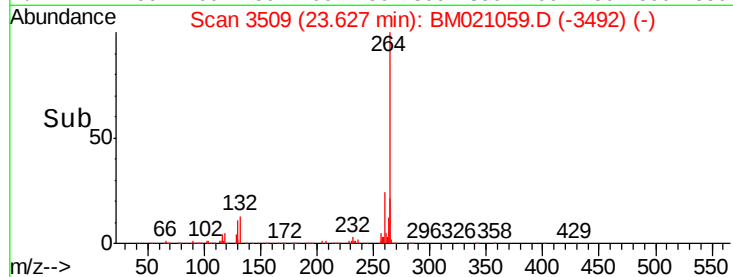
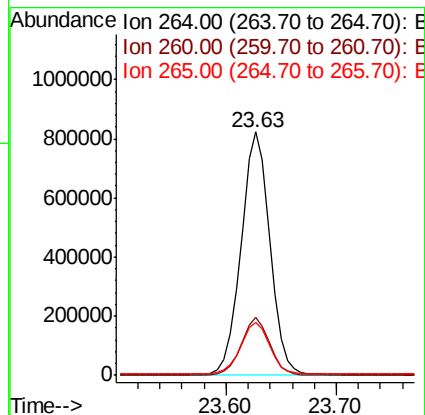
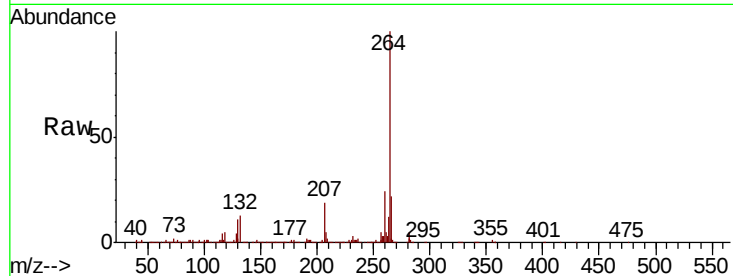
ClientSampleID :

SSTDIC020

Tot Ion:	264	Resp:	1515851
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.0	28.4
265	21.9	17.7	26.5

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 19.414 ng

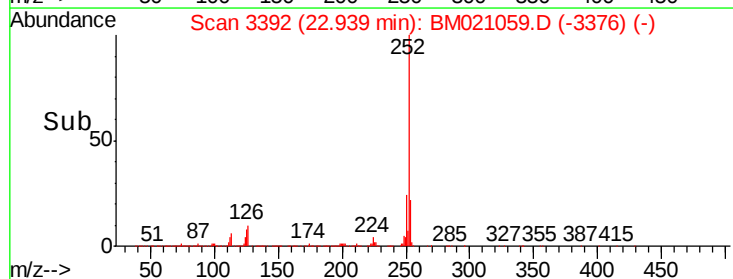
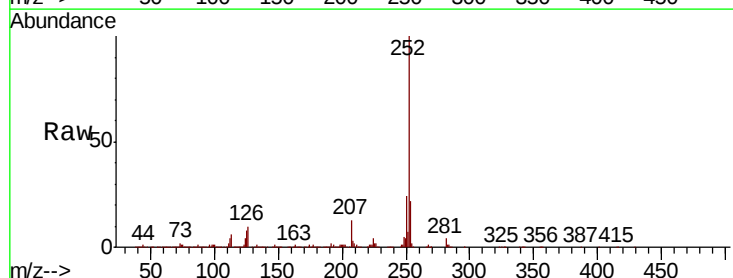
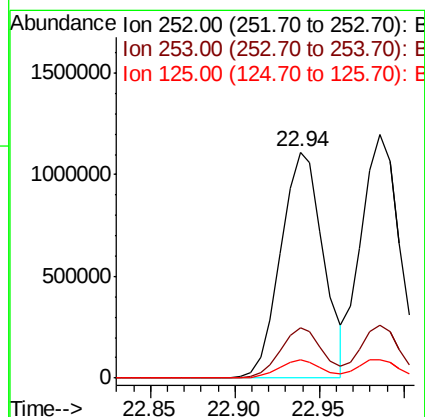
RT: 22.94 min Scan# 3392

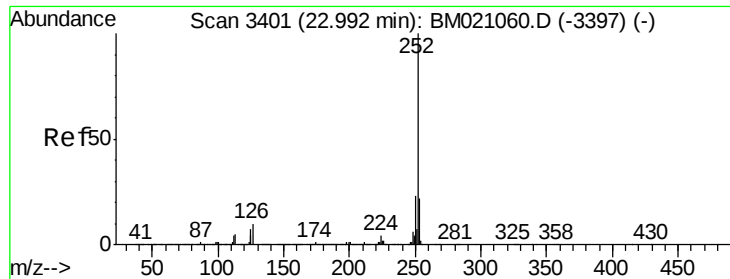
Delta R.T. -0.01 min

Lab File: BM021059.D

Acq: 20 Jun 2019 10:48

Tgt Ion:	252	Resp:	1945077
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.0
125	7.8	5.9	8.9





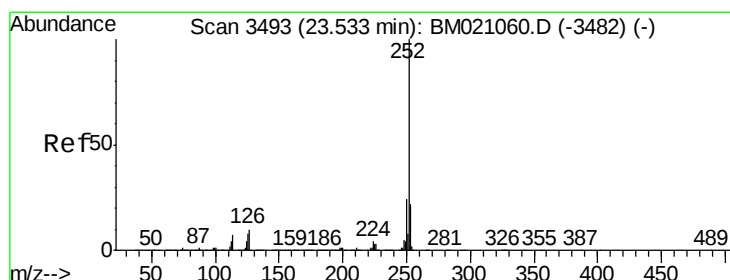
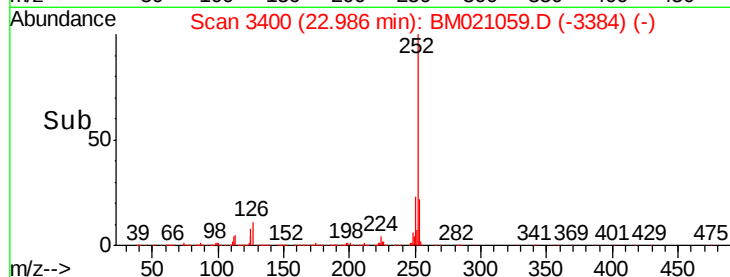
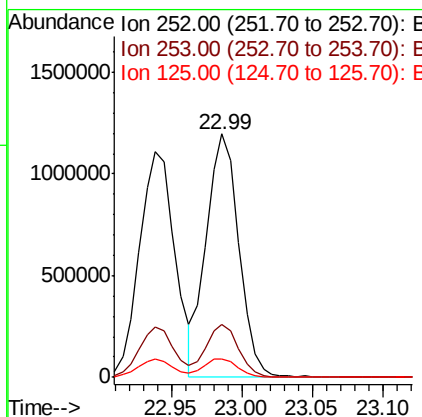
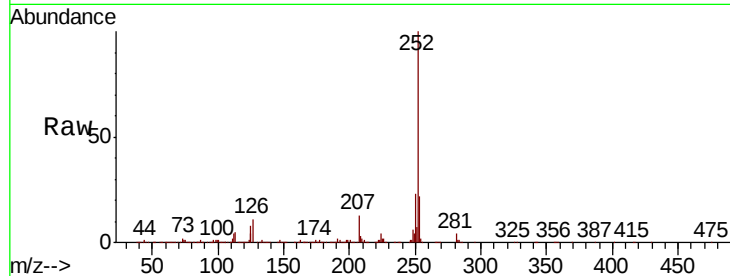
#89
Benzo(k)fluoranthene
Concen: 19.468 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDIC020

Tot Ion:252 Resp: 1906109
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.7 5.9 8.9

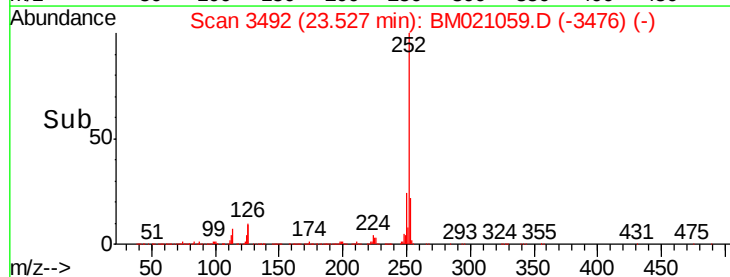
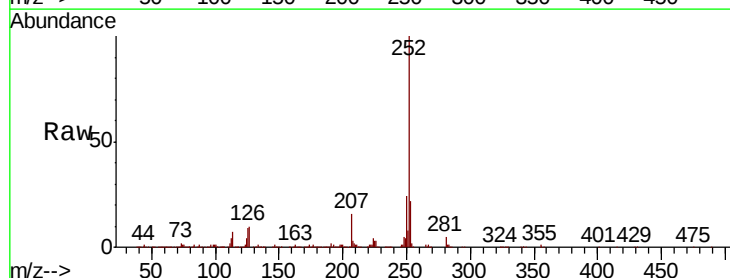
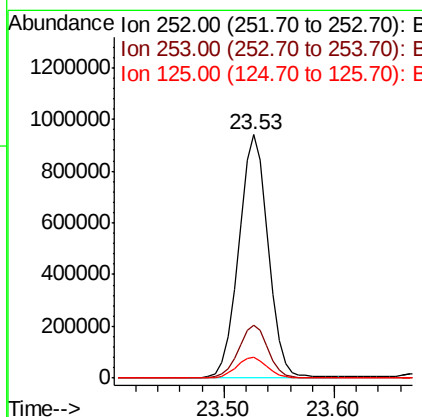
Manual Integrations
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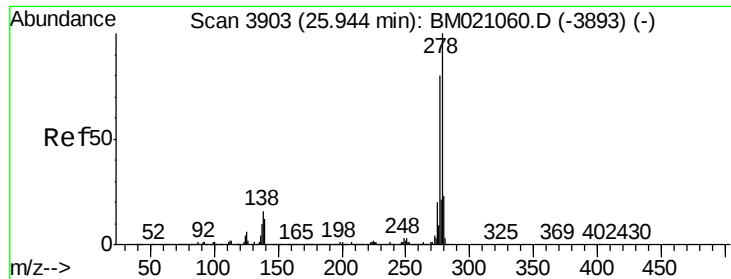
mohammad
6/21/2019 10:01:40 PM



#90
Benzo(a)pyrene
Concen: 19.311 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:252 Resp: 1754904
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.8 6.6 10.0





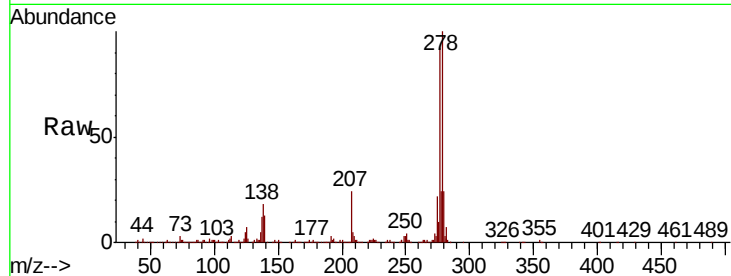
#91
Dibenzo(a,h)anthracene
Concen: 20.043 ng
RT: 25.94 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

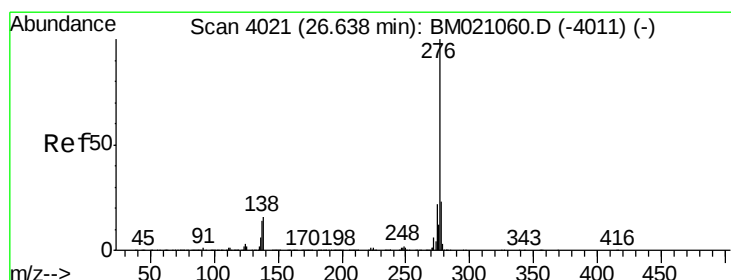
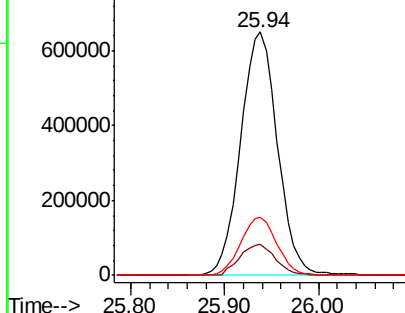
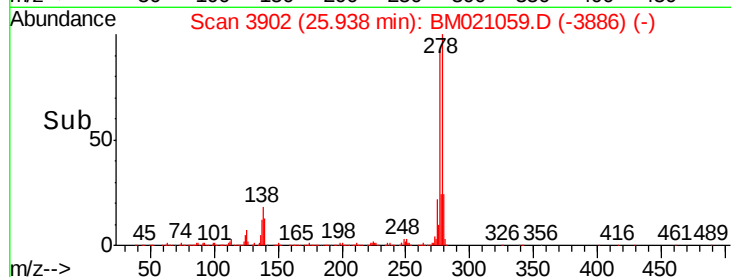
Tot Ion:278 Resp: 1767086
Ion Ratio Lower Upper
278 100
139 12.7 9.8 14.8
279 24.1 18.7 28.1

Manual Integrations
APPROVED

mohammad
6/21/2019 10:01:40 PM

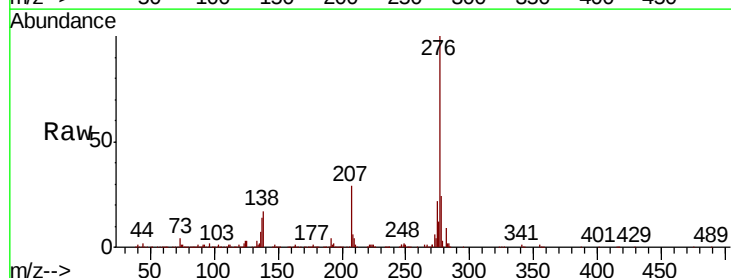


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 20.119 ng
RT: 26.63 min Scan# 4020
Delta R.T. -0.01 min
Lab File: BM021059.D
Acq: 20 Jun 2019 10:48

Tgt Ion:276 Resp: 1647575
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 17.3 13.1 19.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

