

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
 Data File : BM021081.D
 Acq On : 21 Jun 2019 13:46
 Operator : HP/JU
 Sample : K3309-08MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611MS

Manual Integrations
 APPROVED

mohammad
 6/25/2019 3:23:00 PM

Quant Time: Jun 22 00:08:36 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 15:39:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	261936	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1130363	20.00	ng	0.00
39) Acenaphthene-d10	14.42	164	746823	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	1817404	20.00	ng	0.00
76) Chrysene-d12	21.35	240	1688976	20.00	ng	0.00
87) Perylene-d12	23.62	264	1655656	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	648537	44.83	ng	0.00
7) Phenol-d6	6.95	99	653364	31.02	ng	0.00
23) Nitrobenzene-d5	8.94	82	829308	38.24	ng	0.00
42) 2,4,6-Tribromophenol	15.91	330	733322	52.33	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	2394735	39.41	ng	0.00
79) Terphenyl-d14	19.79	244	4426834	48.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	93277	17.115	ng	98
3) Pyridine	3.72	79	254686	16.251	ng	97
4) n-Nitrosodimethylamine	3.63	42	90525	15.001	ng	# 96
6) Aniline	7.12	93	387926	13.826	ng	99
8) 2-Chlorophenol	7.35	128	347120	19.497	ng	98
9) Benzaldehyde	6.93	77	78692	2.786	ng	97
10) Phenol	6.98	94	245777	11.420	ng	99
11) bis(2-Chloroethyl)ether	7.21	93	331042	19.429	ng	99
12) 1,3-Dichlorobenzene	7.66	146	396262	18.371	ng	99
13) 1,4-Dichlorobenzene	7.82	146	425869	19.420	ng	99
14) 1,2-Dichlorobenzene	8.13	146	394630	18.363	ng	99
15) Benzyl Alcohol	8.02	79	360677	21.146	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.30	45	412894	18.735	ng	99
17) 2-Methylphenol	8.22	107	282261	18.361	ng	99
18) Hexachloroethane	8.85	117	143081	18.172	ng	95
19) n-Nitroso-di-n-propylamine	8.58	70	291918	19.042	ng	98
20) 3+4-Methylphenols	8.55	107	365274	17.262	ng	99
22) Acetophenone	8.60	105	563458	19.561	ng	# 100
24) Nitrobenzene	8.98	77	419115	19.507	ng	99
25) Isophorone	9.50	82	803910	19.809	ng	99
26) 2-Nitrophenol	9.69	139	178622	16.979	ng	95
27) 2,4-Dimethylphenol	9.75	122	343519	22.388	ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	486458	19.291	ng	98
29) 2,4-Dichlorophenol	10.22	162	378930	19.082	ng	98
30) 1,2,4-Trichlorobenzene	10.43	180	430849	18.405	ng	99
31) Naphthalene	10.62	128	1168129	19.528	ng	99
32) Benzoic acid	9.84	122	104080m	8.385	ng	
33) 4-Chloroaniline	10.73	127	252237	9.289	ng	98
34) Hexachlorobutadiene	10.89	225	258157	17.466	ng	98
35) Caprolactam	11.54	113	35541	5.722	ng	99
36) 4-Chloro-3-methylphenol	11.86	107	389677	19.284	ng	100
37) 2-Methylnaphthalene	12.23	142	926631	20.132	ng	99
38) 1-Methylnaphthalene	12.45	142	960024	21.868	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	537716	19.022	ng	100

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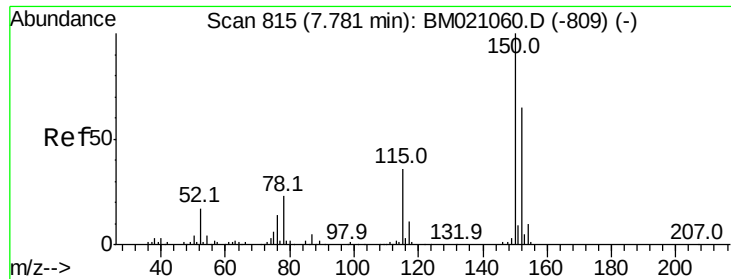
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	608500	37.134	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	326028	17.430	ng	98
44) 2,4,5-Trichlorophenol	12.91	196	357731	18.468	ng	98
46) 1,1'-Biphenyl	13.25	154	1263968	19.774	ng	99
47) 2-Chloronaphthalene	13.29	162	983609	18.947	ng	98
48) 2-Nitroaniline	13.50	65	278583	19.616	ng	96
49) Acenaphthylene	14.14	152	1577201	19.964	ng	100
50) Dimethylphthalate	13.88	163	1461121	22.005	ng	99
51) 2,6-Dinitrotoluene	14.00	165	284233	19.898	ng	99
52) Acenaphthene	14.48	154	1118017	23.455	ng	100
53) 3-Nitroaniline	14.33	138	119072	8.176	ng	96
54) 2,4-Dinitrophenol	14.55	184	287836	37.511	ng	97
55) Dibenzofuran	14.82	168	1552122	19.961	ng	98
56) 4-Nitrophenol	14.65	139	261704	23.501	ng	99
57) 2,4-Dinitrotoluene	14.79	165	398645	20.210	ng	100
58) Fluorene	15.47	166	1457620	22.943	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	339542	18.346	ng	99
60) Diethylphthalate	15.25	149	1305246	19.959	ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	692395	19.291	ng	97
62) 4-Nitroaniline	15.50	138	334419	21.879	ng	99
63) Azobenzene	15.76	77	1099352	20.494	ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	177824	15.869	ng	97
66) n-Nitrosodiphenylamine	15.68	169	1149858	20.073	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	450124	18.605	ng	97
68) Hexachlorobenzene	16.46	284	524508	18.147	ng	98
69) Atrazine	16.64	200	421190	22.611	ng	100
70) Pentachlorophenol	16.82	266	535724	34.402	ng	99
71) Phenanthrene	17.21	178	2265582	21.631	ng	100
72) Anthracene	17.30	178	2140646	20.632	ng	99
73) Carbazole	17.57	167	1879911	20.492	ng	100
74) Di-n-butylphthalate	18.13	149	2327427	20.724	ng	99
75) Fluoranthene	19.22	202	2523951	20.867	ng	100
77) Benzidine	19.42	184	1218779	24.850	ng	99
78) Pyrene	19.59	202	2526761	20.628	ng	100
80) Butylbenzylphthalate	20.49	149	1023497	20.963	ng	97
81) Benzo(a)anthracene	21.33	228	2271843	19.732	ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	625286	14.339	ng	99
83) Chrysene	21.39	228	2243993	20.460	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1507251	21.691	ng	100
85) Di-n-octyl phthalate	22.15	149	2395957	21.925	ng	100
86) Indeno(1,2,3-cd)pyrene	25.92	276	2353093	19.389	ng	100
88) Benzo(b)fluoranthene	22.94	252	2278262	20.397	ng	99
89) Benzo(k)fluoranthene	22.99	252	2121899	19.652	ng	99
90) Benzo(a)pyrene	23.53	252	2058054	20.420	ng	100
91) Dibenzo(a,h)anthracene	25.93	278	1985901	19.764	ng	99
92) Benzo(g,h,i)perylene	26.63	276	1910556	20.389	ng	100

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



#1

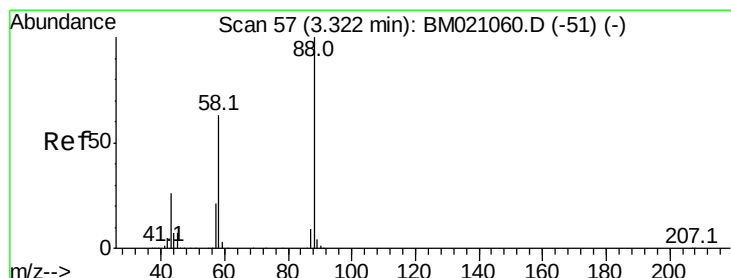
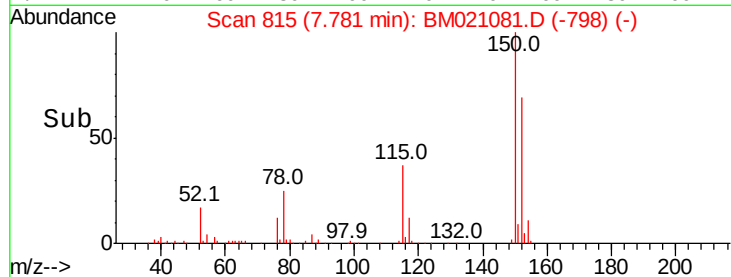
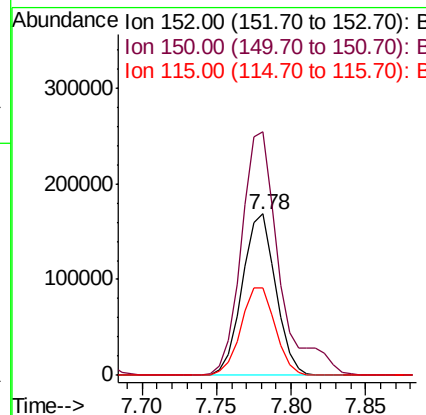
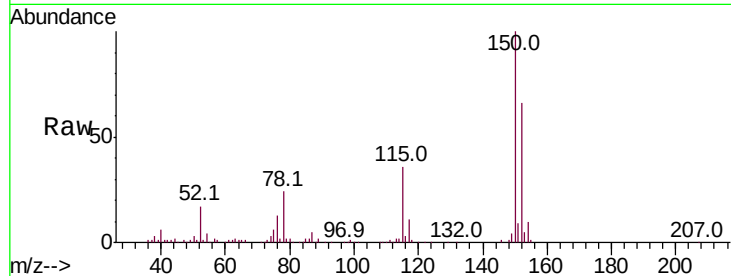
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Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampled :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	123.1	184.7
115	54.3	44.2	66.4

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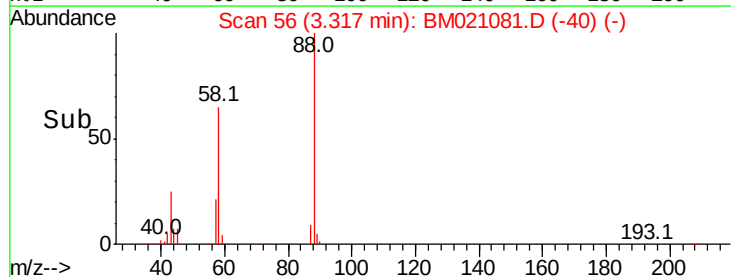
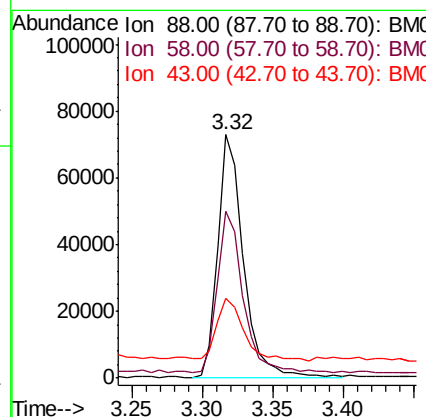
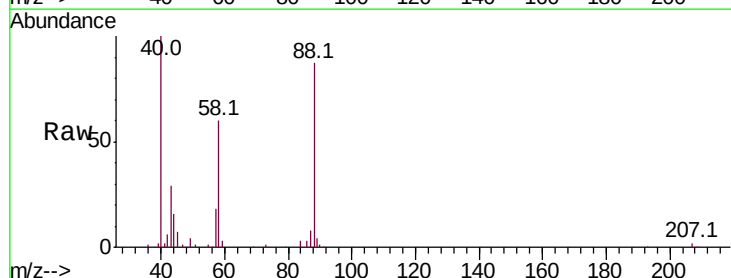
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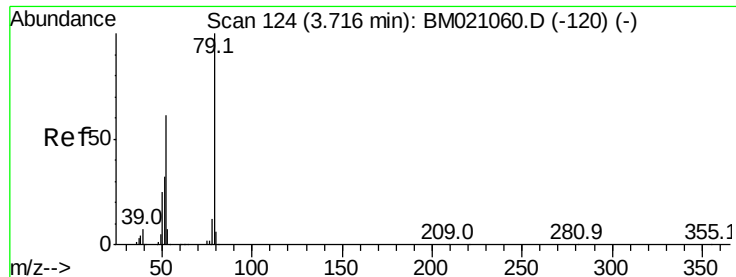


#2

1,4-Dioxane
Concen: 17.115 ng
RT: 3.32 min Scan# 56
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.4	51.9	77.9
43	29.1	21.4	32.2





#3

Pvridine

Concen: 16.251 ng

RT: 3.72 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

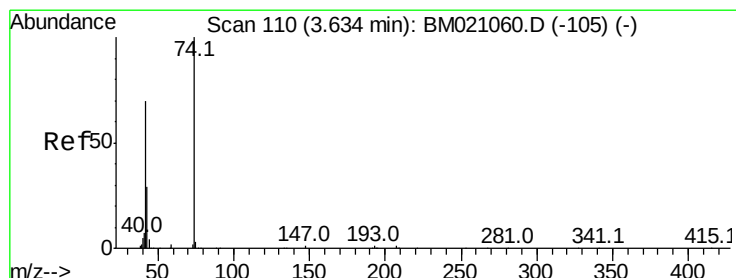
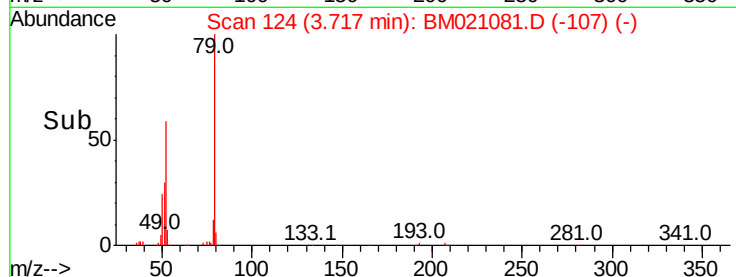
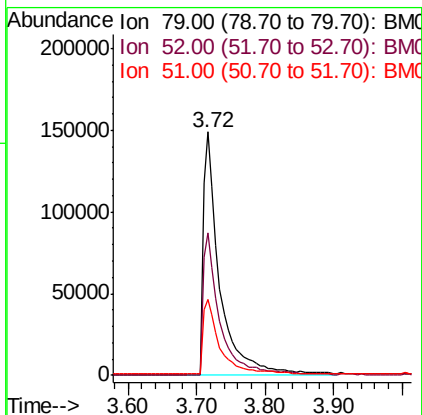
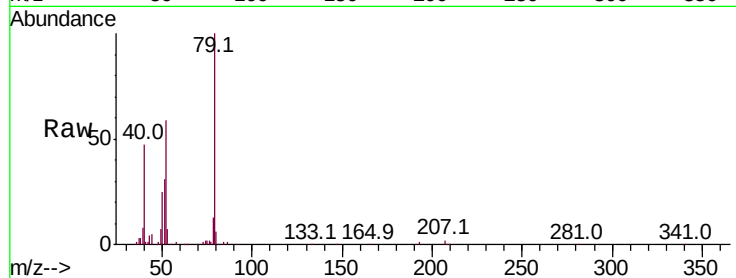
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	79	Resp:	254686
Ion Ratio	Lower	Upper	
79	100		
52	58.6	48.8	73.2
51	31.3	25.7	38.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 15.001 ng

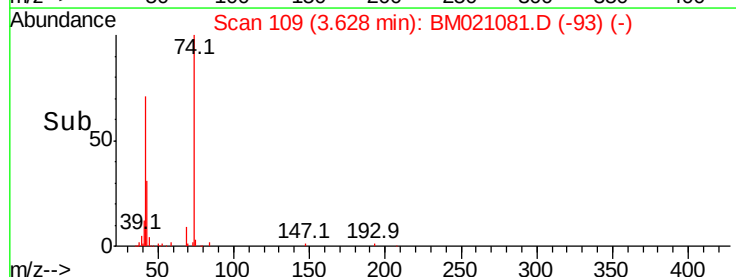
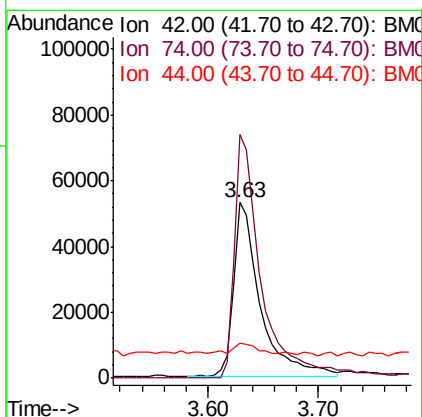
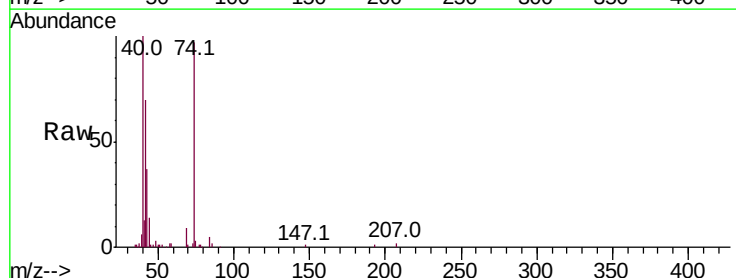
RT: 3.63 min Scan# 109

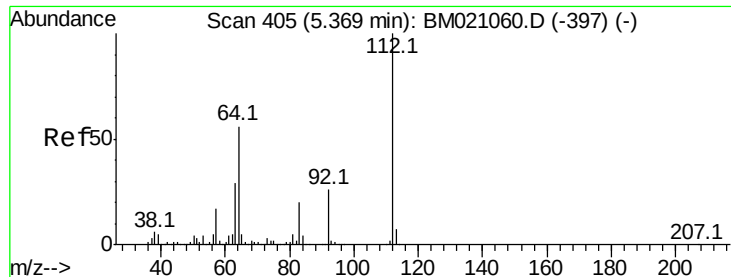
Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Tgt Ion:	42	Resp:	90525
Ion Ratio	Lower	Upper	
42	100		
74	138.7	113.8	170.6
44	19.7	8.2	12.2#





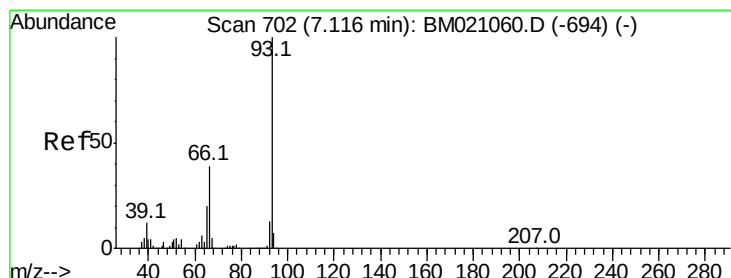
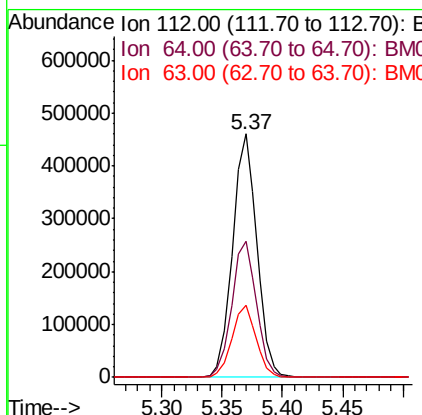
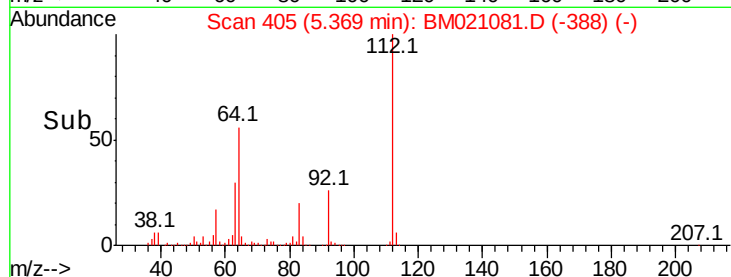
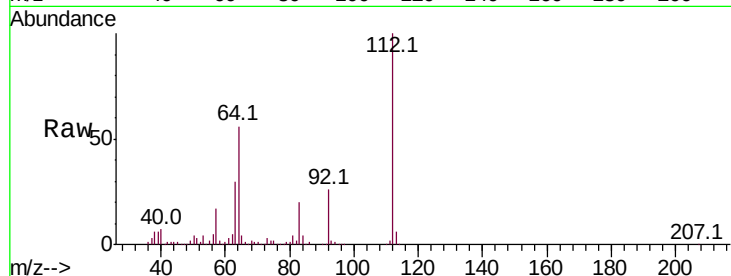
#5
2-Fluorophenol
Concen: 44.833 ng
RT: 5.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
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ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.9	45.2	67.8
63	29.5	23.5	35.3

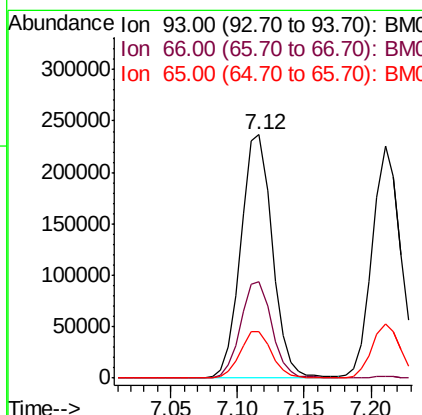
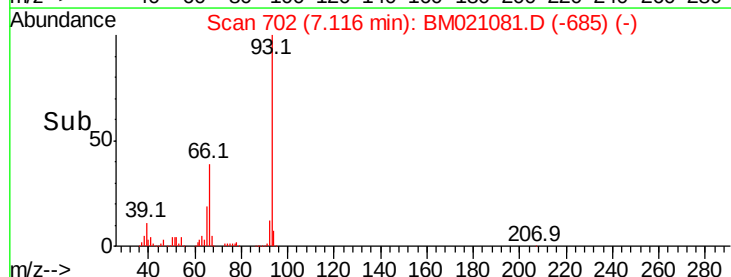
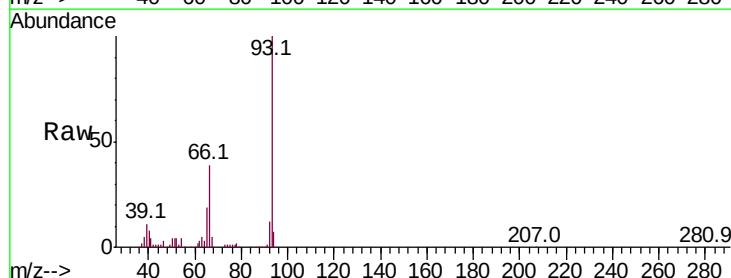
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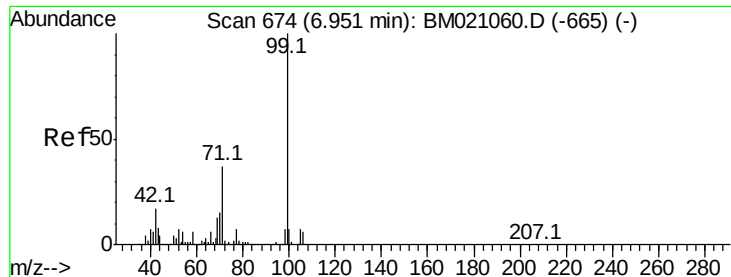
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#6
Aniline
Concen: 13.826 ng
RT: 7.12 min Scan# 702
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	39.4	31.3	46.9
65	19.3	15.9	23.9





#7

Phenol-d6

Concen: 31.015 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

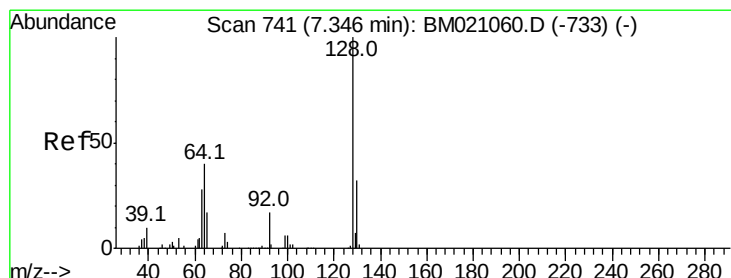
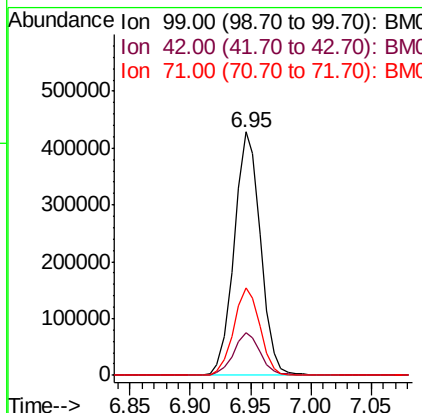
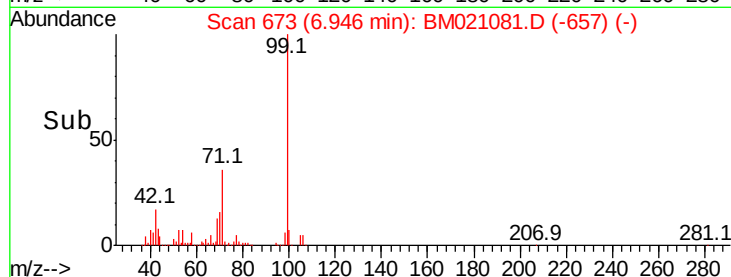
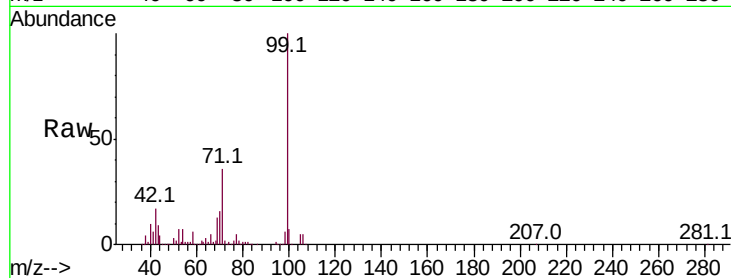
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	99	Resp:	653364
Ion Ratio	Lower	Upper	
99	100		
42	17.4	13.5	20.3
71	36.2	29.3	43.9

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#8

2-Chlorophenol

Concen: 19.497 ng

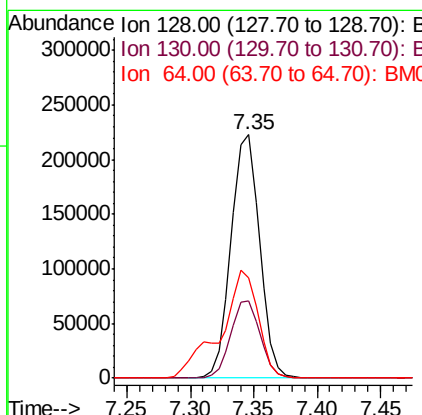
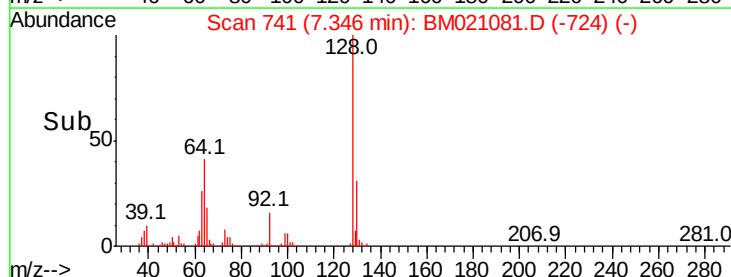
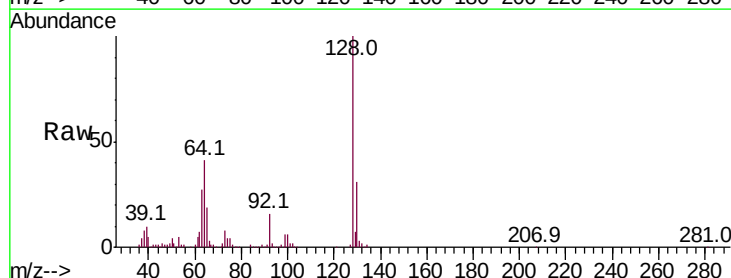
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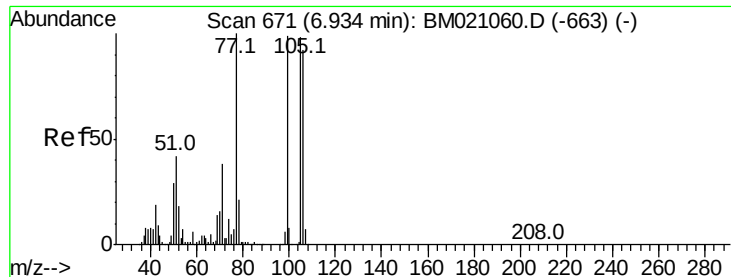
Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Tgt Ion:	128	Resp:	347120
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.2	52.2
64	41.2	23.2	63.2





#9

Benzaldehyde

Concen: 2.786 ng

RT: 6.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611MS

Tot Ion: 77 Resp: 78692

Ion Ratio Lower Upper

77 100

105 94.0 77.8 117.8

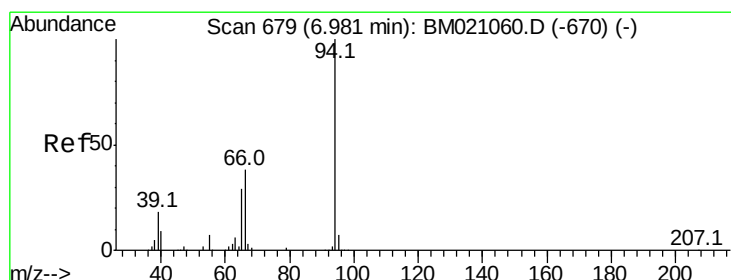
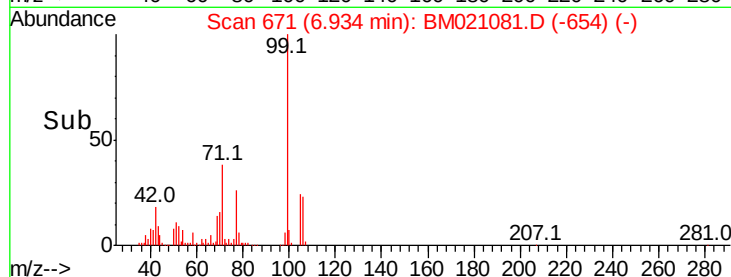
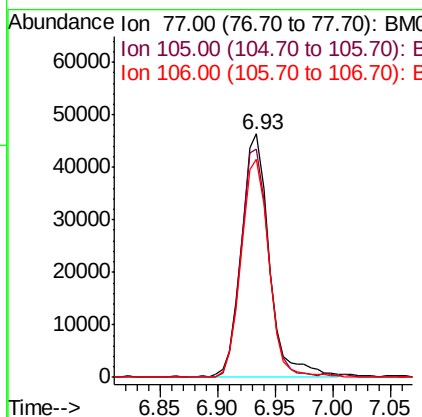
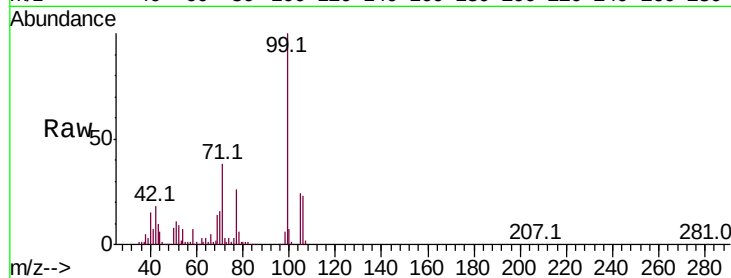
106 89.8 71.8 111.8

Manual Integrations

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#10

Phenol

Concen: 11.420 ng

RT: 6.98 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

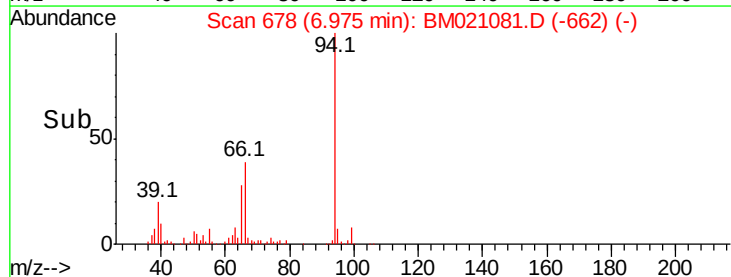
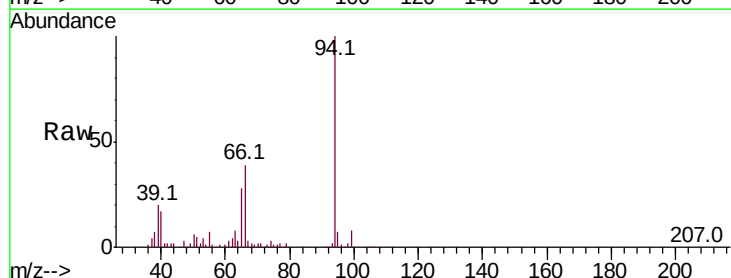
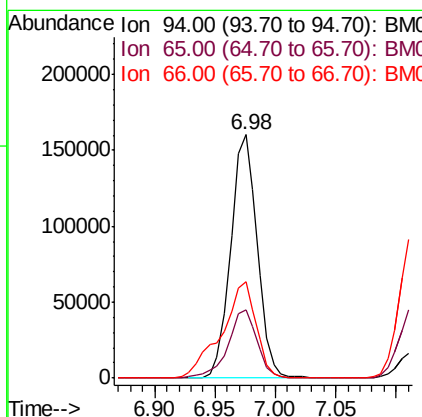
Tgt Ion: 94 Resp: 245777

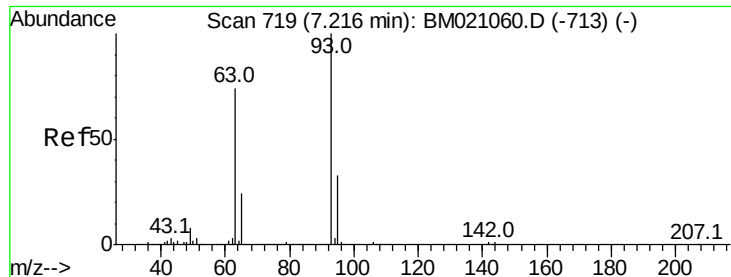
Ion Ratio Lower Upper

94 100

65 27.9 8.7 48.7

66 39.3 19.0 59.0





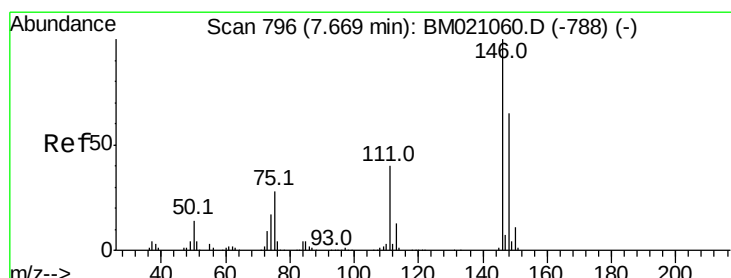
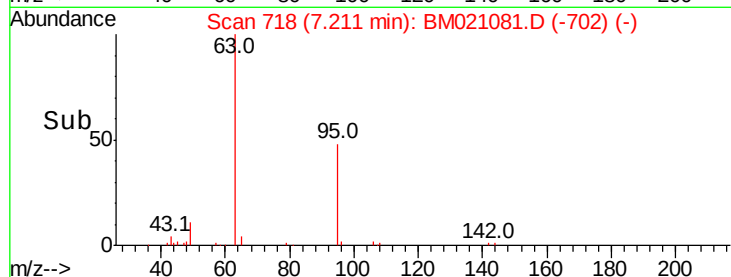
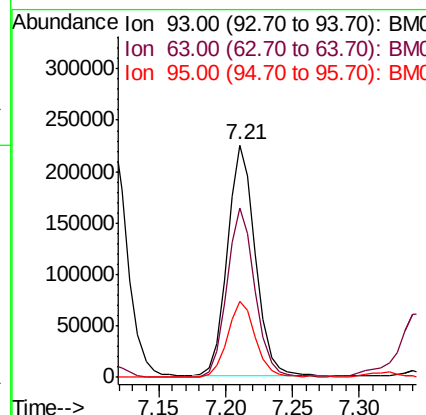
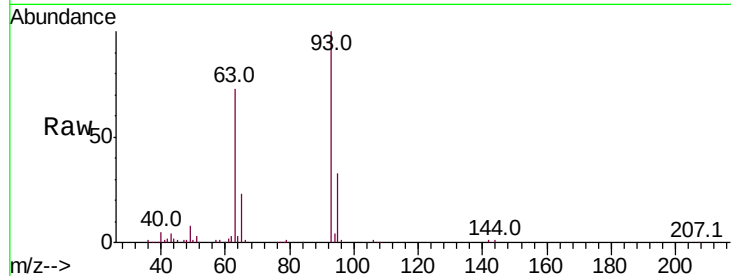
#11
bis(2-Chloroethyl)ether
Concen: 19.429 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	53.4	93.4
95	32.5	13.0	53.0

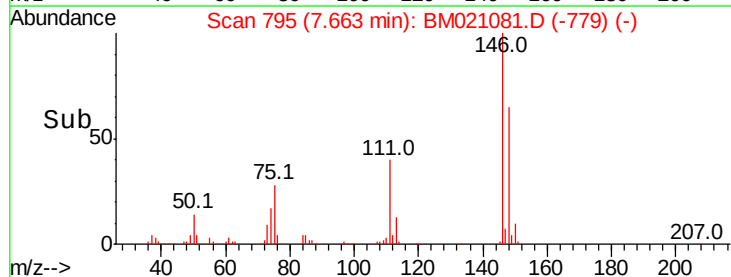
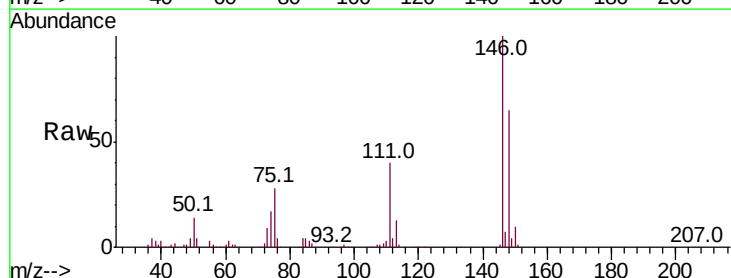
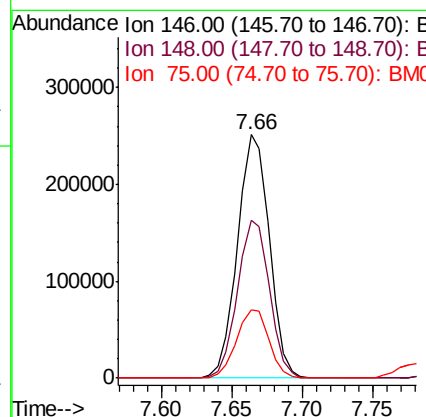
Manual Integrations
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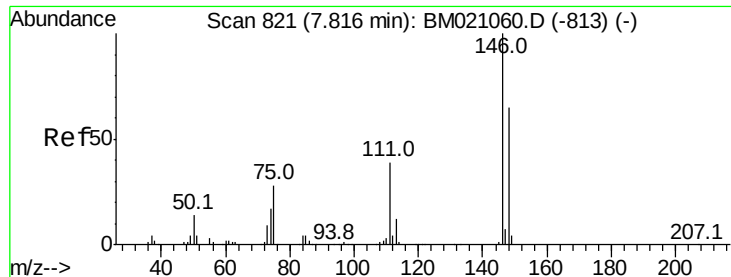
mohammad
6/25/2019 3:23:00 PM



#12
1,3-Dichlorobenzene
Concen: 18.371 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
75	28.2	22.2	33.4





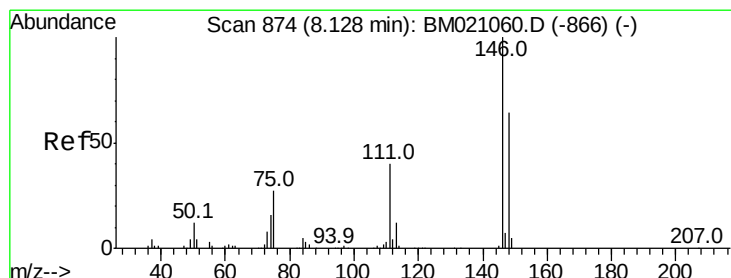
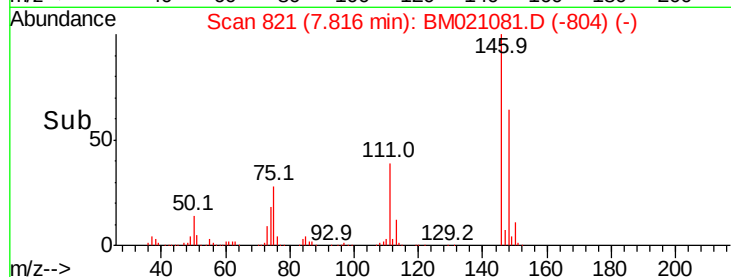
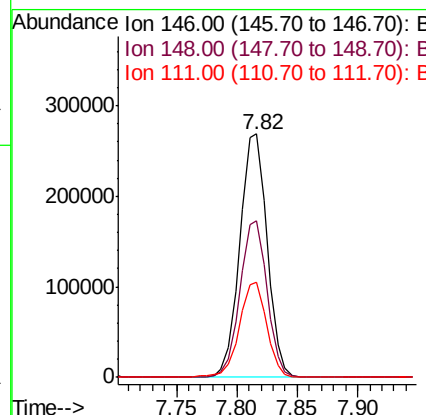
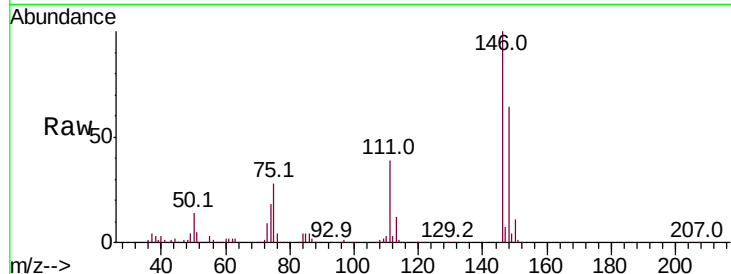
#13
1,4-Dichlorobenzene
Concen: 19.420 ng
RT: 7.82 min Scan# 821
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	39.0	31.4	47.0

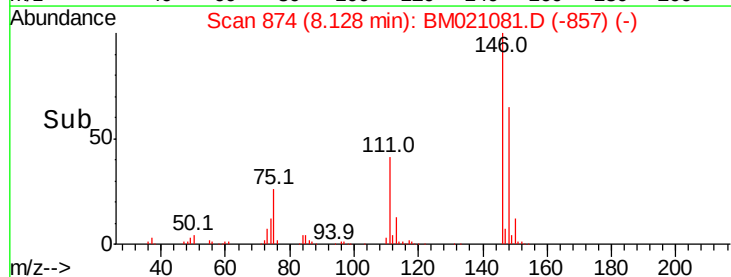
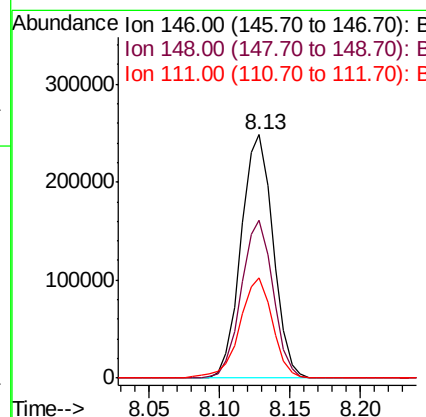
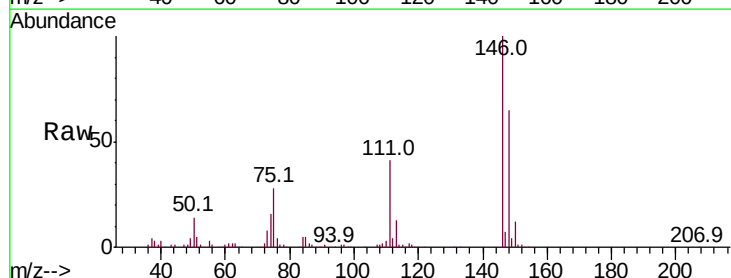
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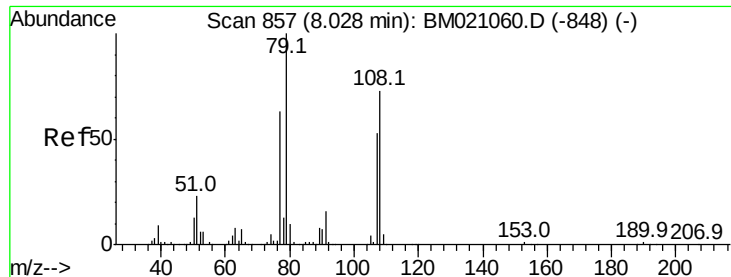
mohammad
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#14
1,2-Dichlorobenzene
Concen: 18.363 ng
RT: 8.13 min Scan# 874
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.2	76.8
111	41.0	32.8	49.2





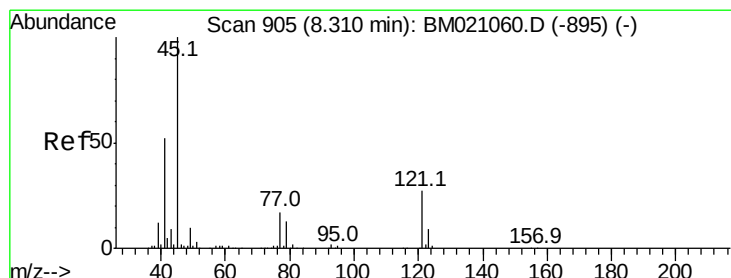
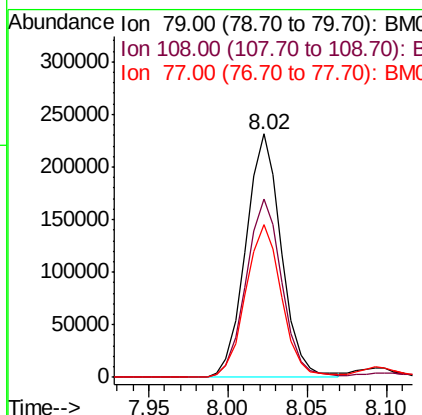
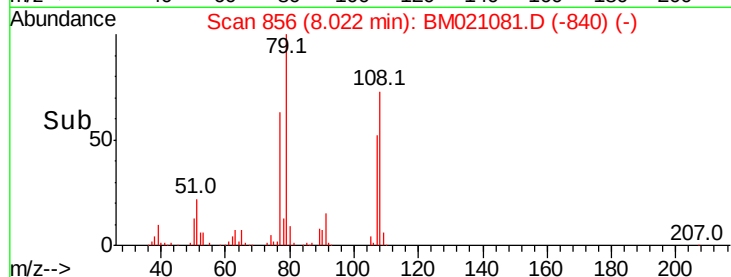
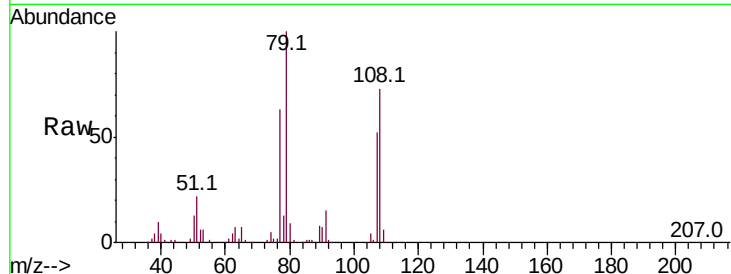
#15
Benzyl Alcohol
Concen: 21.146 ng
RT: 8.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	58.4	87.6
77	62.8	50.1	75.1

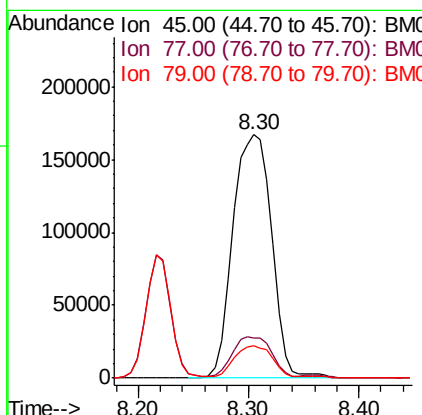
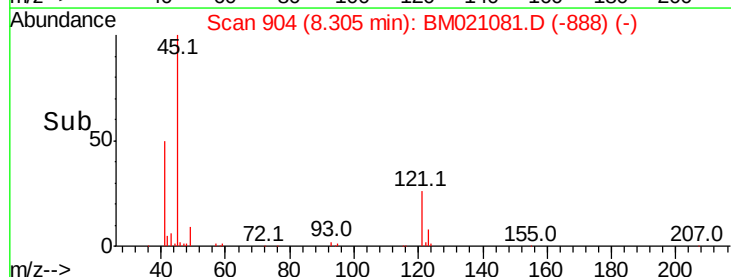
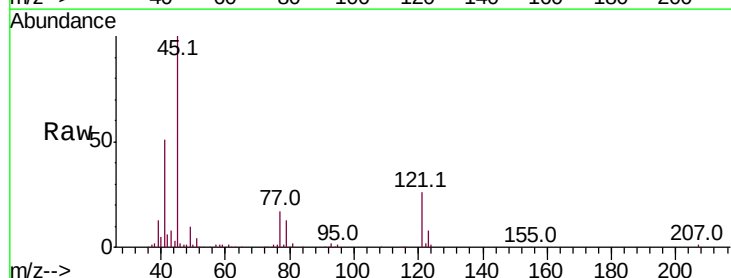
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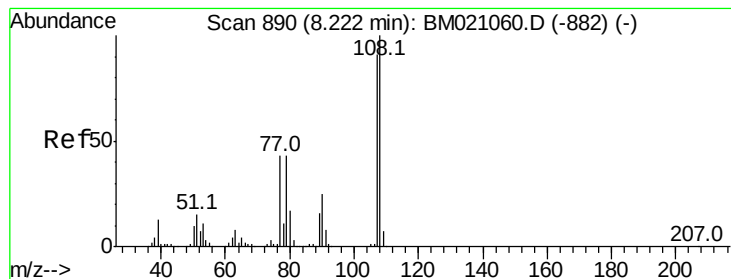
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#16
2,2'-oxybis(1-chloropropane)
Concen: 18.735 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	37.5
79	13.4	0.0	33.5





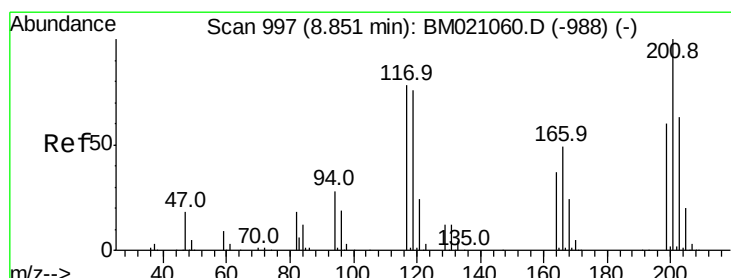
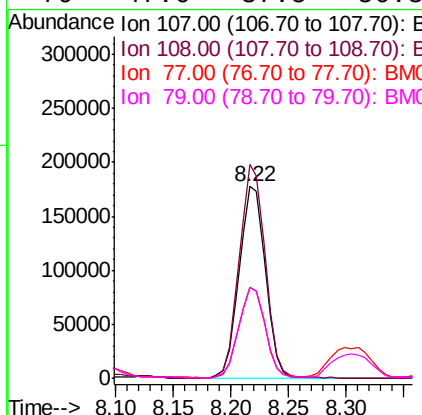
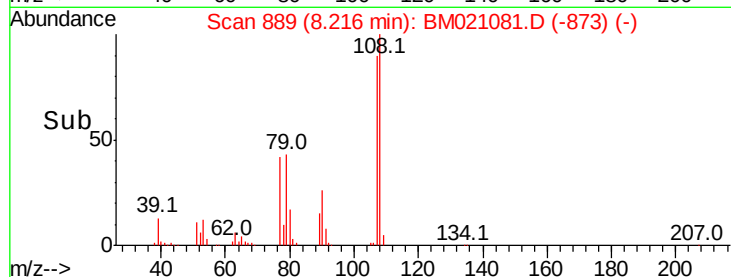
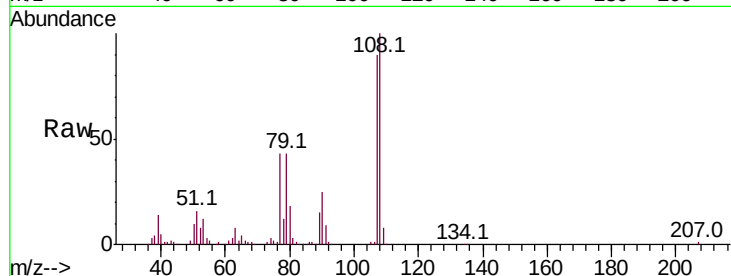
#17
2-Methylphenol
Concen: 18.361 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	87.5	131.3	
77	47.7	37.8	56.8	
79	47.6	37.5	56.3	

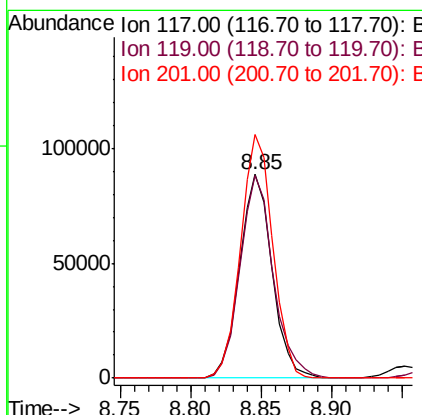
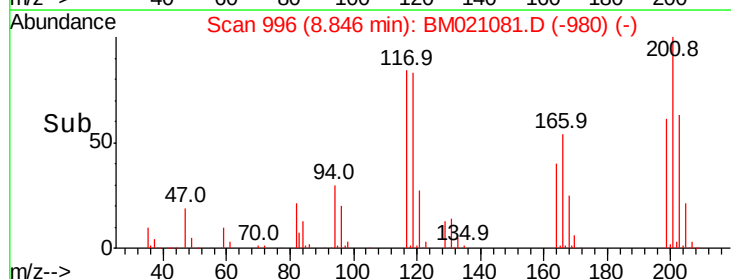
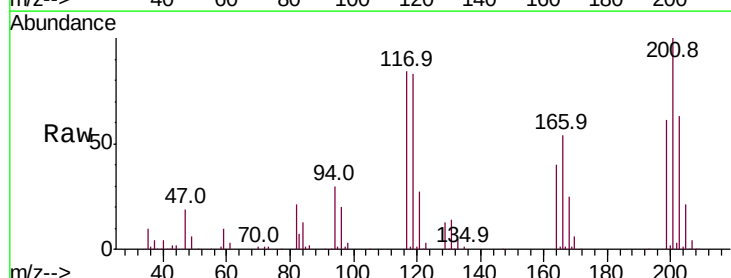
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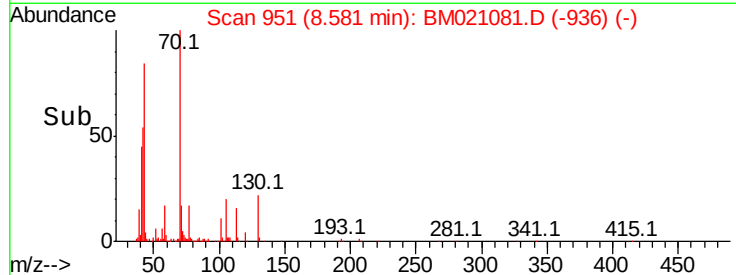
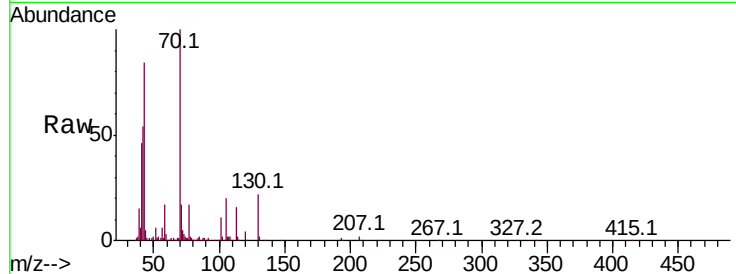
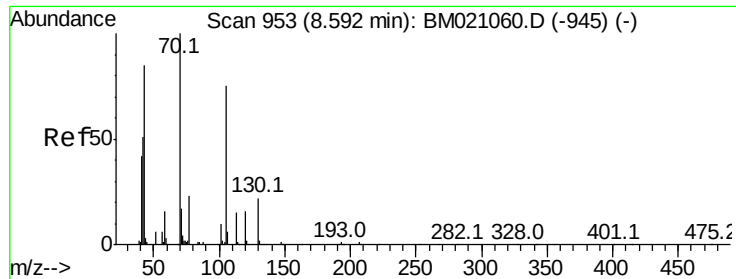
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#18
Hexachloroethane
Concen: 18.172 ng
RT: 8.85 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	77.5	116.3	
201	119.6	102.3	153.5	





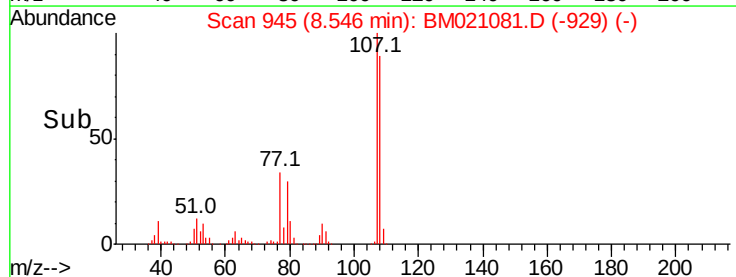
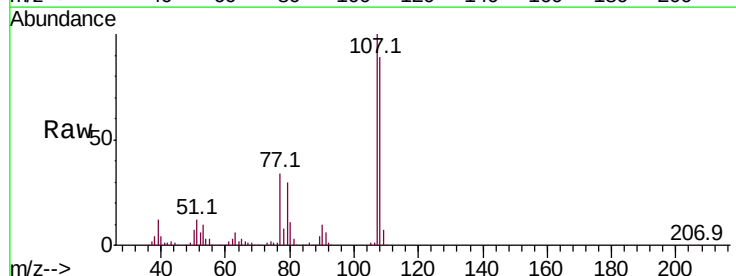
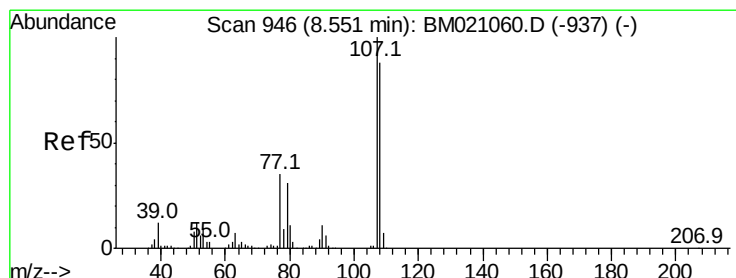
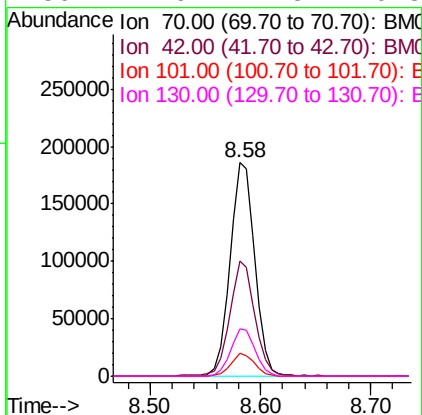
#19
n-Nitroso-di-n-propylamine
Concen: 19.042 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		291918		
42	54.1	41.9	62.9		
101	10.7	8.1	12.1		
130	21.9	17.5	26.3		

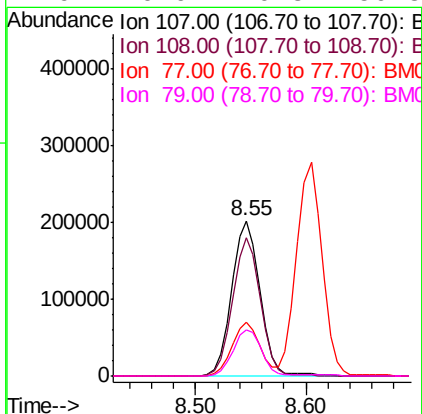
Manual Integrations
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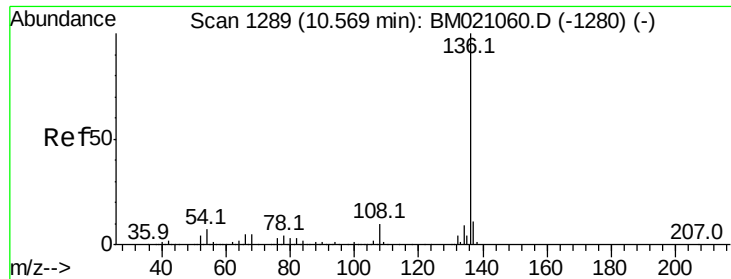
mohammad
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#20
3+4-Methylphenols
Concen: 17.262 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		365274		
108	89.0	67.9	107.9		
77	34.4	14.6	54.6		
79	29.9	10.8	50.8		





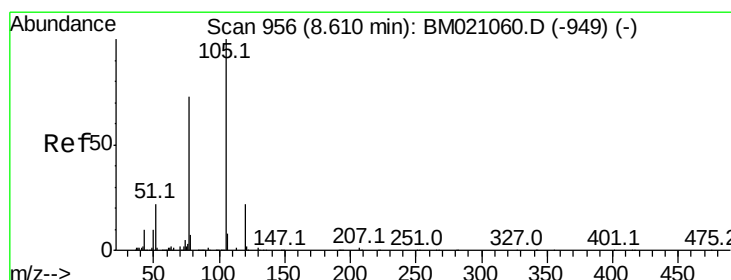
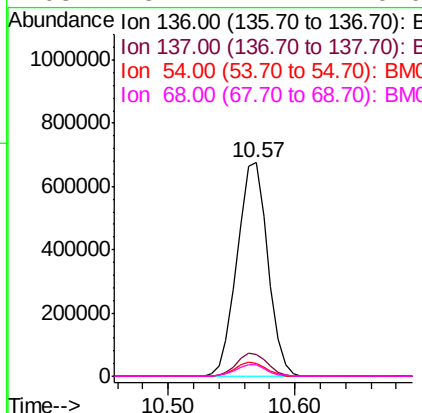
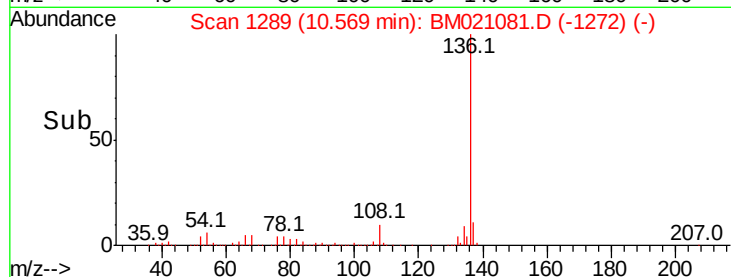
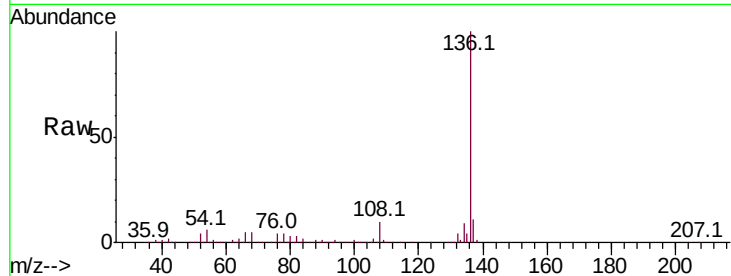
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	136	Resp	1130363
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	6.2	5.3	7.9
68	5.2	4.4	6.6

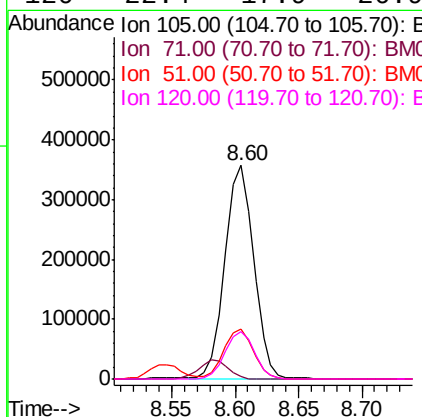
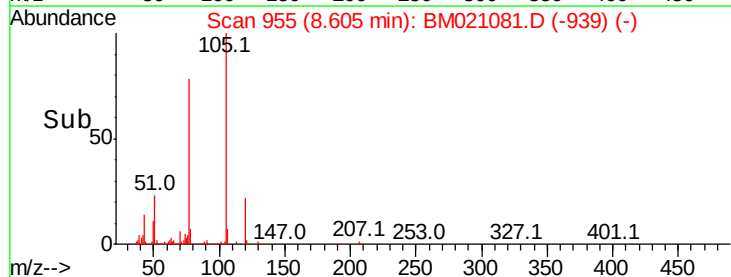
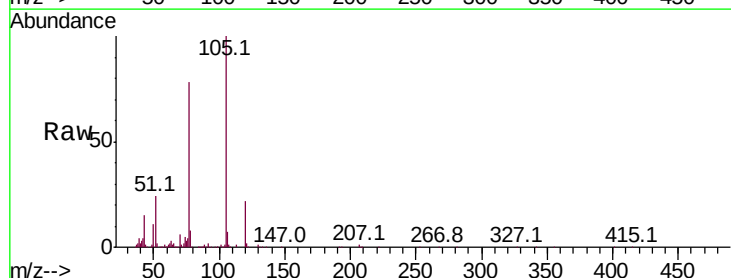
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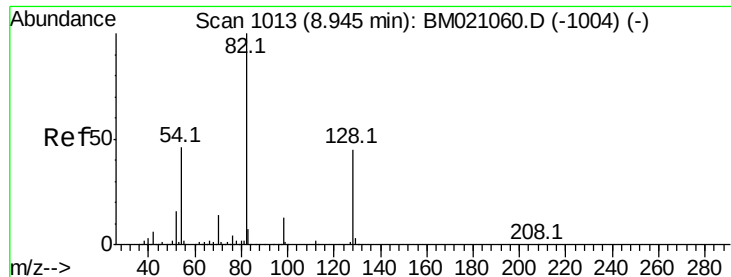
mohammad
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#22
Acetophenone
Concen: 19.561 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	105	Resp	563458
Ion Ratio	Lower	Upper	
105	100		
71	0.9	1.2	1.8#
51	23.6	19.1	28.7
120	22.4	17.9	26.9





#23

Nitrobenzene-d5

Concen: 38.236 ng

RT: 8.94 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

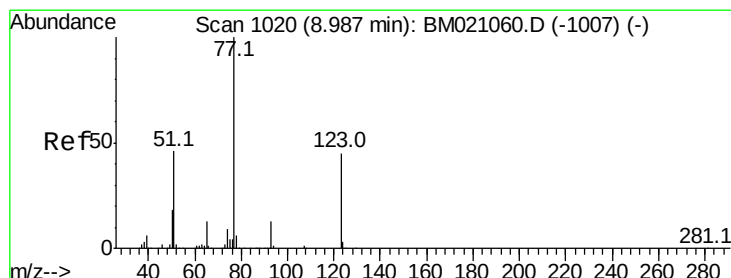
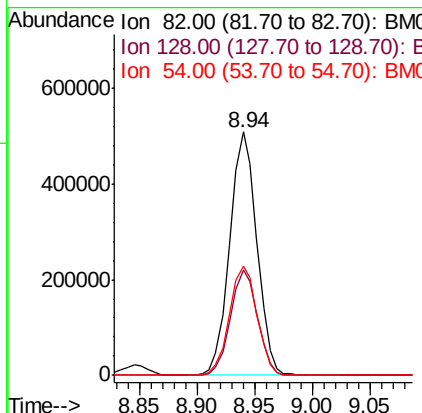
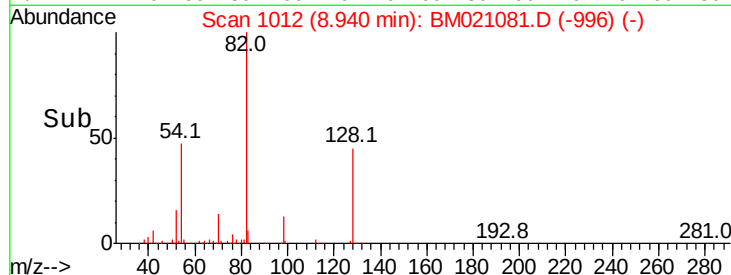
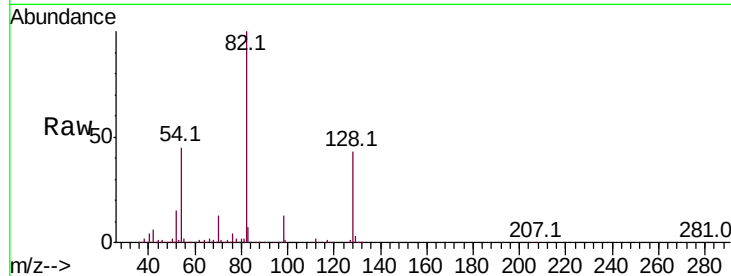
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	82	Resp:	829308
Ion Ratio	Lower	Upper	
82	100		
128	43.5	35.9	53.9
54	45.1	36.6	55.0

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#24

Nitrobenzene

Concen: 19.507 ng

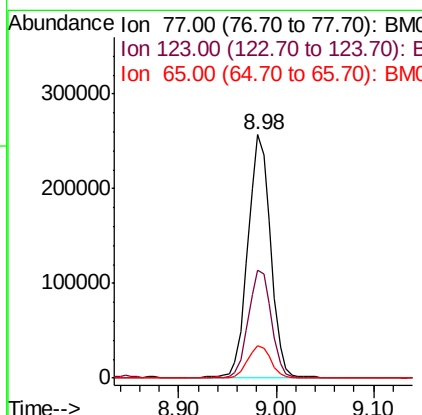
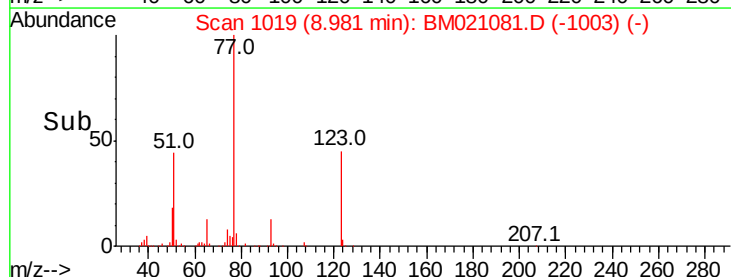
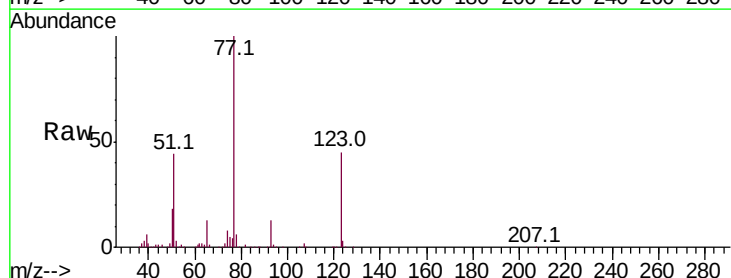
RT: 8.98 min Scan# 1019

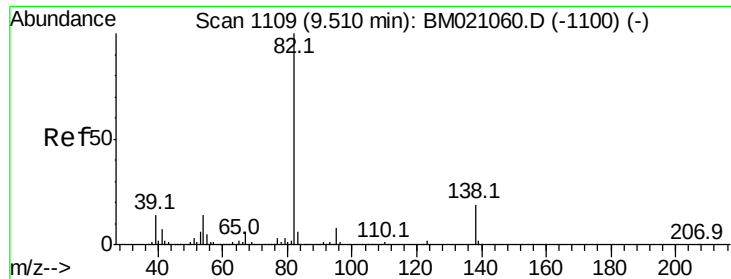
Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Tgt Ion:	77	Resp:	419115
Ion Ratio	Lower	Upper	
77	100		
123	44.5	36.3	54.5
65	13.2	10.6	16.0





#25

Isophorone

Concen: 19.809 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

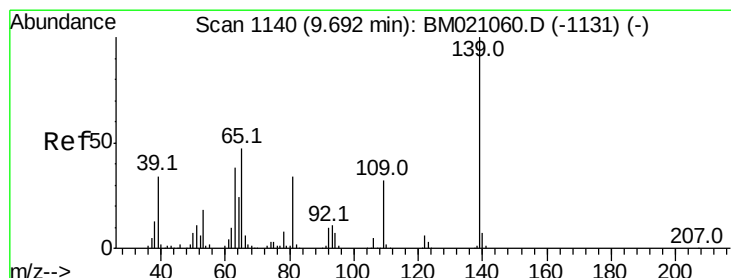
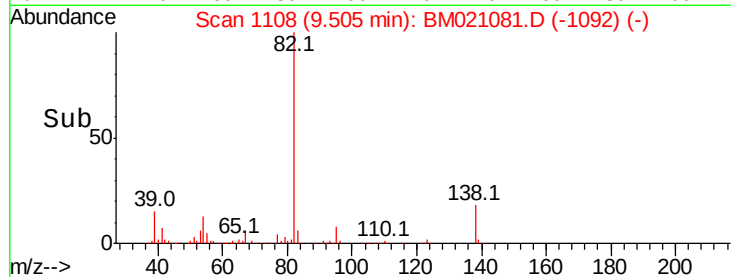
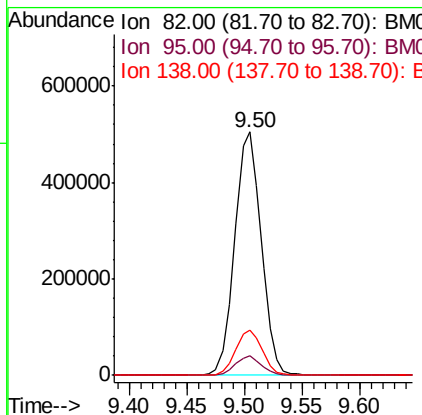
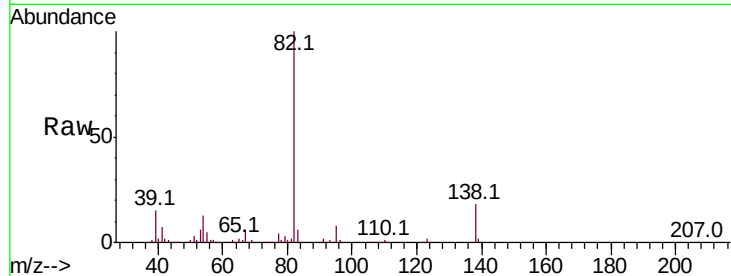
ClientSampleId :

SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.8	6.1	9.1	
138	18.4	15.0	22.6	

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#26

2-Nitrophenol

Concen: 16.979 ng

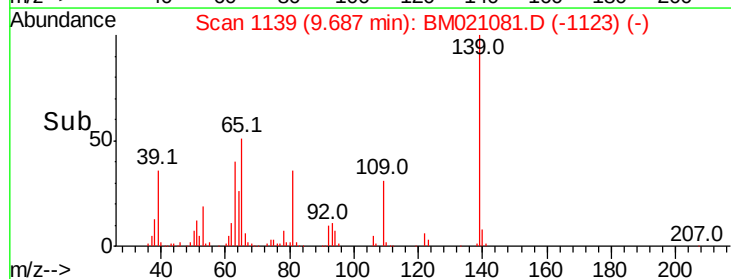
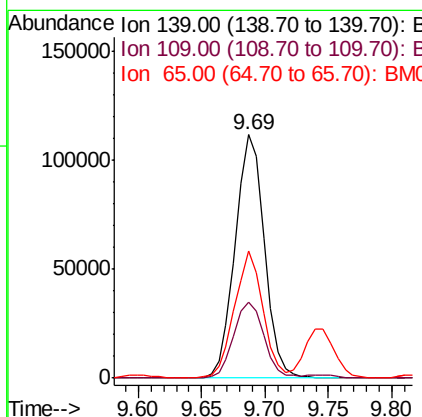
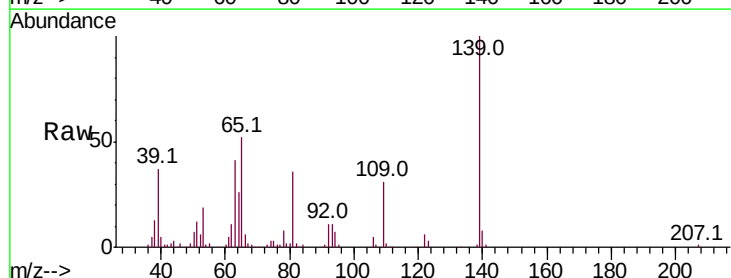
RT: 9.69 min Scan# 1139

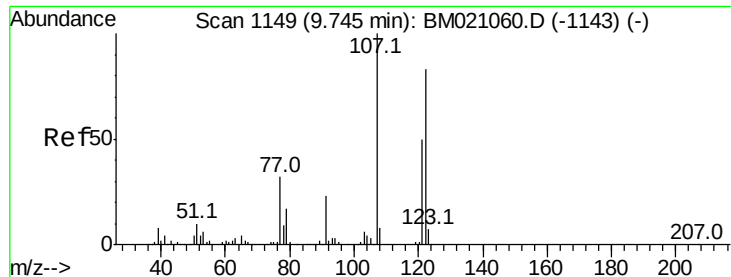
Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	31.0	25.2	37.8	
65	52.1	37.4	56.0	





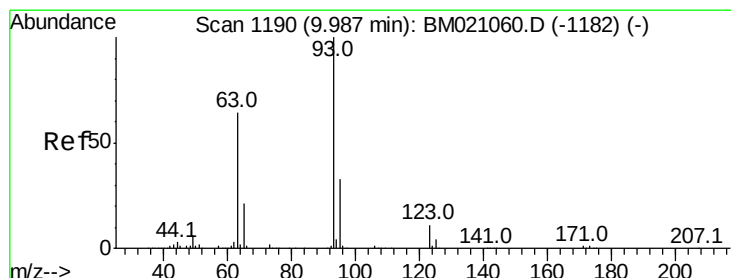
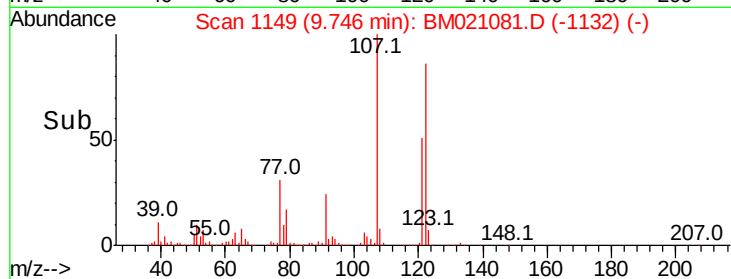
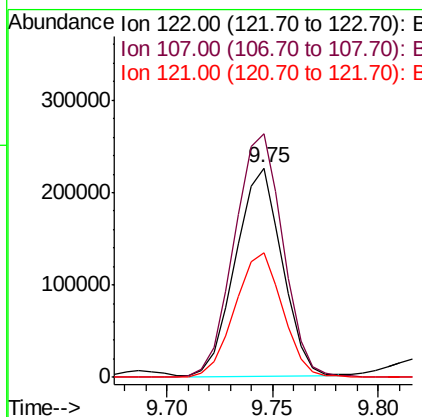
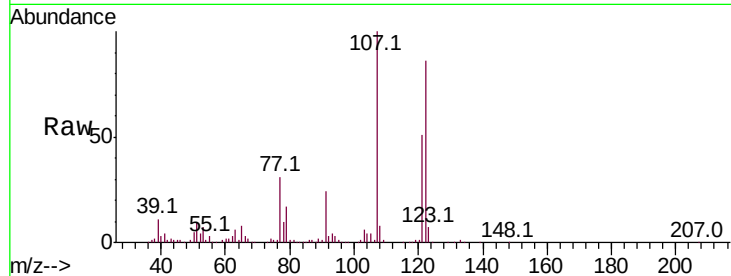
#27
 2,4-Dimethylphenol
 Concen: 22.388 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	343519		
107	116.4	95.3	142.9	
121	59.7	47.5	71.3	

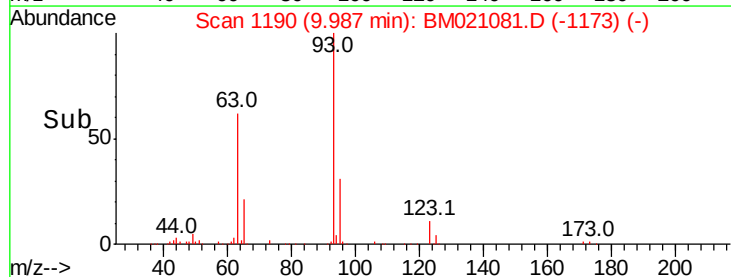
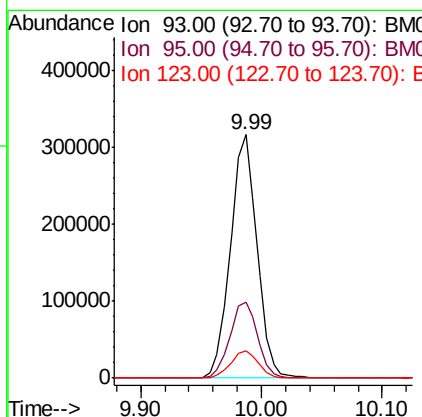
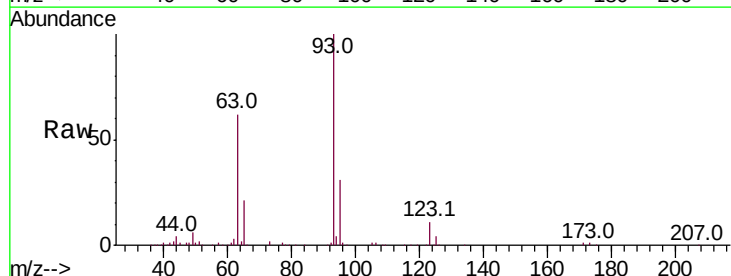
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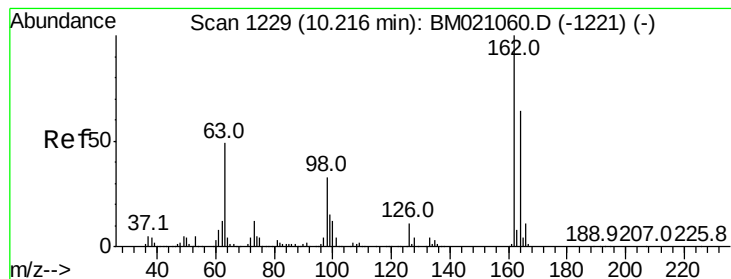
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 19.291 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	486458		
95	31.3	26.2	39.2	
123	11.2	9.0	13.4	





#29

2,4-Dichlorophenol

Concen: 19.082 ng

RT: 10.22 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

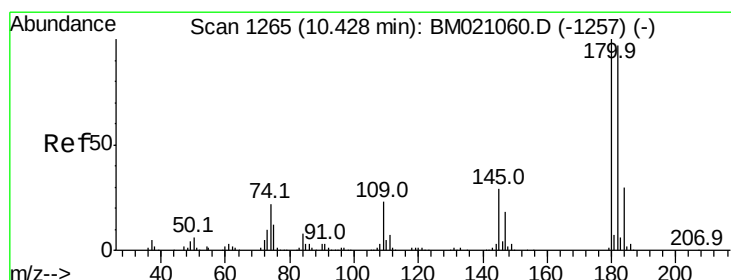
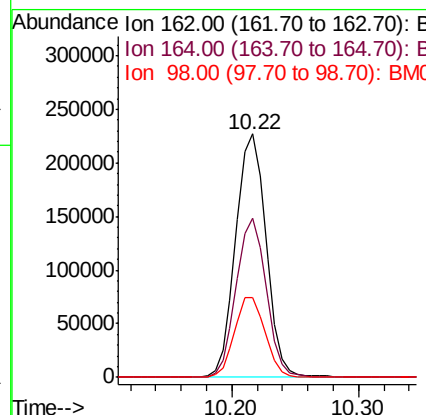
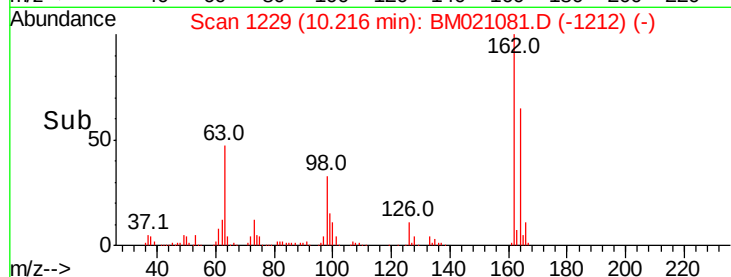
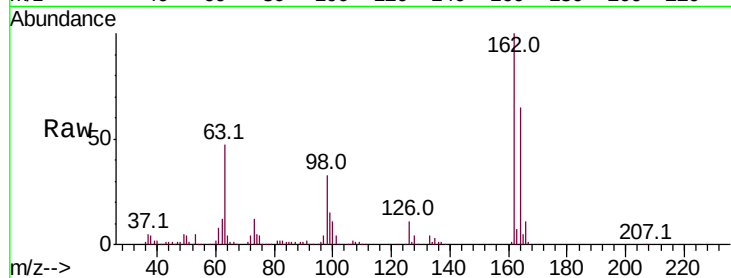
ClientSampleId :

SS043MW010-190611MS

Tot Ion:	162	Resp:	378930
Ion Ratio	Lower	Upper	
162	100		
164	65.1	43.7	83.7
98	32.7	13.4	53.4

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#30

1,2,4-Trichlorobenzene

Concen: 18.405 ng

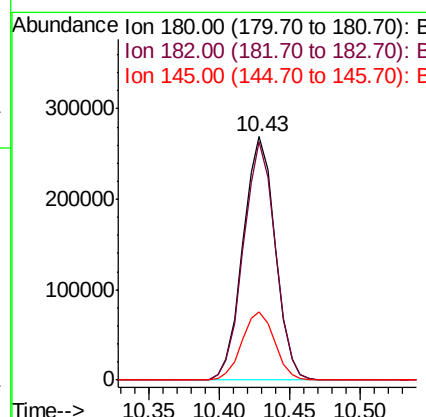
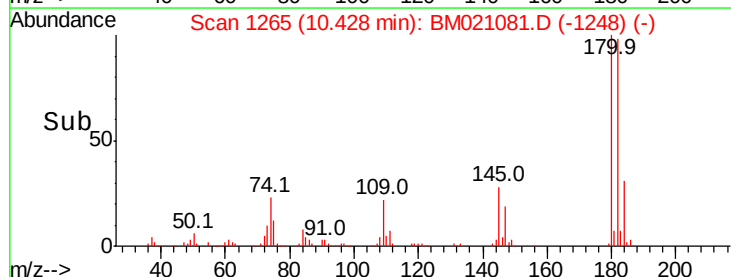
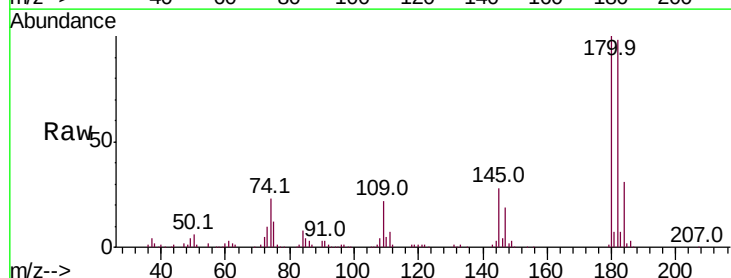
RT: 10.43 min Scan# 1265

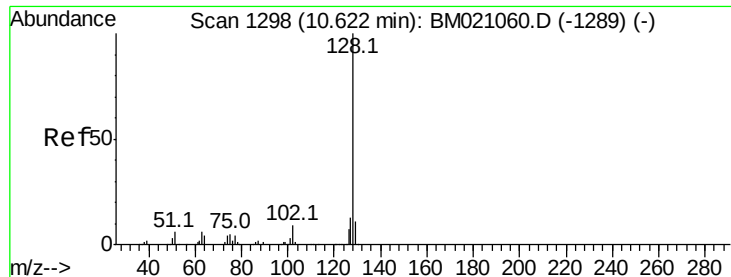
Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Tgt Ion:	180	Resp:	430849
Ion Ratio	Lower	Upper	
180	100		
182	98.1	78.0	117.0
145	28.1	23.4	35.0





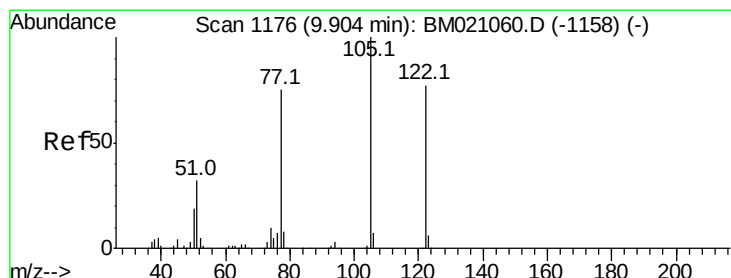
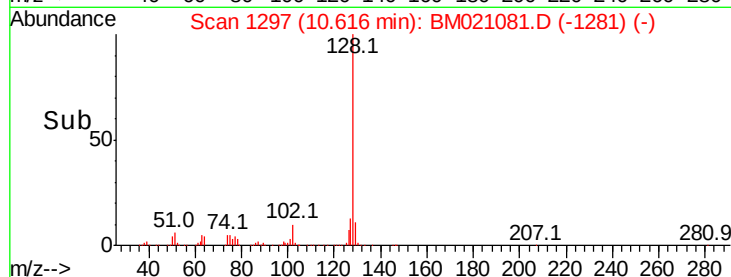
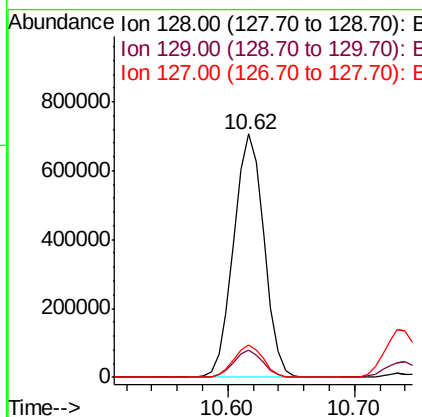
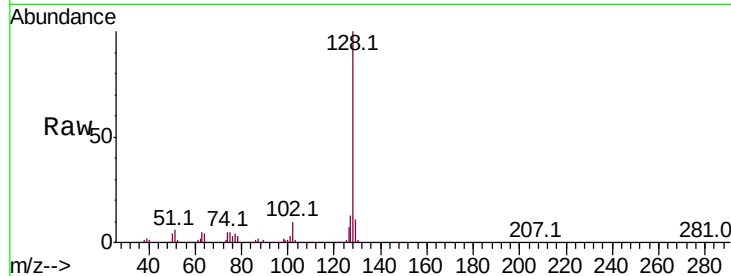
#31
Naphthalene
Concen: 19.528 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.5	10.8	16.2

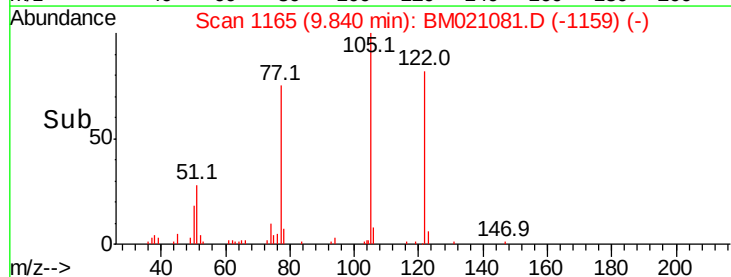
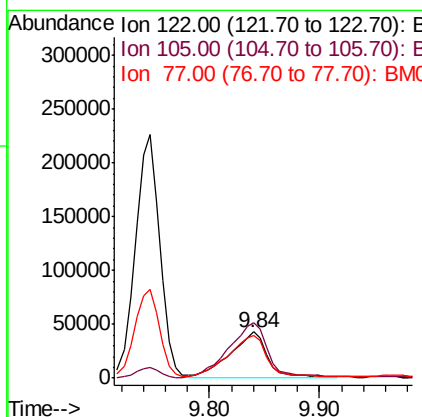
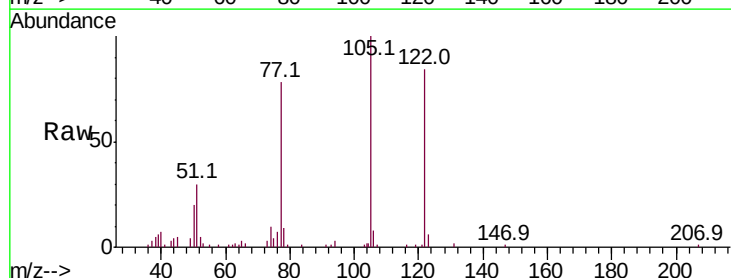
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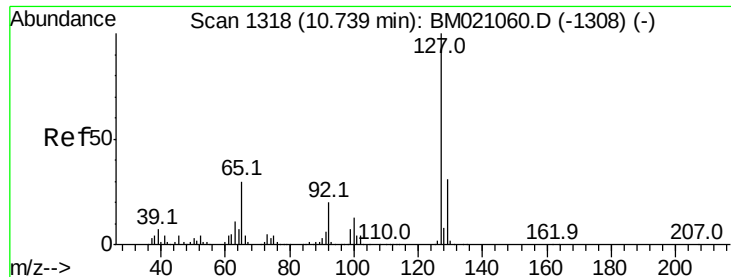
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#32
Benzoic acid
Concen: 8.385 ng m
RT: 9.84 min Scan# 1165
Delta R.T. -0.06 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	108.9	148.9
77	93.2	76.7	116.7





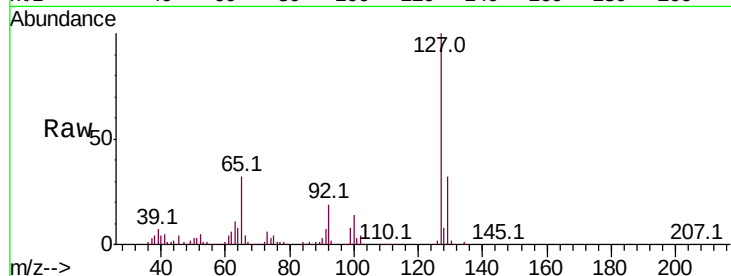
#33
4-Chloroaniline
Concen: 9.289 ng
RT: 10.73 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.1	37.7	
65	31.9	23.8	35.8	
92	19.2	15.7	23.5	

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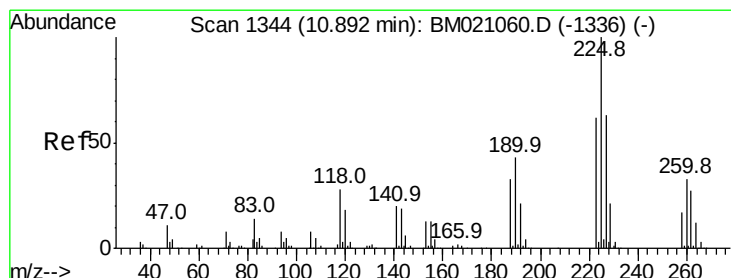
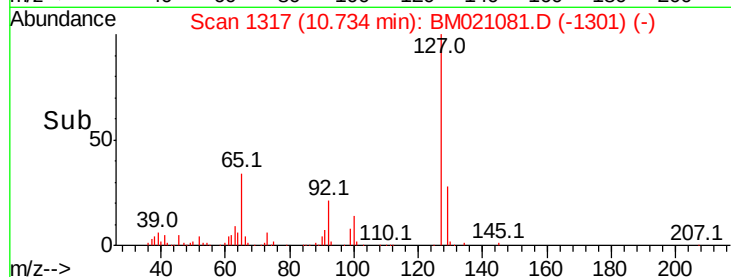
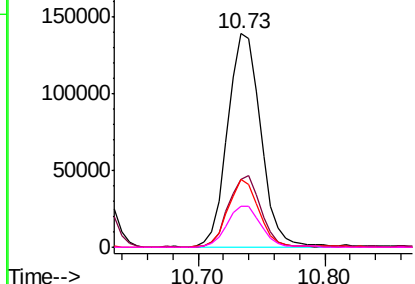
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

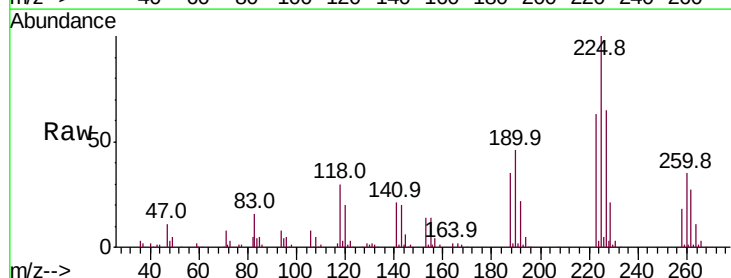
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 17.466 ng
RT: 10.89 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	49.6	74.4	
227	64.9	50.4	75.6	

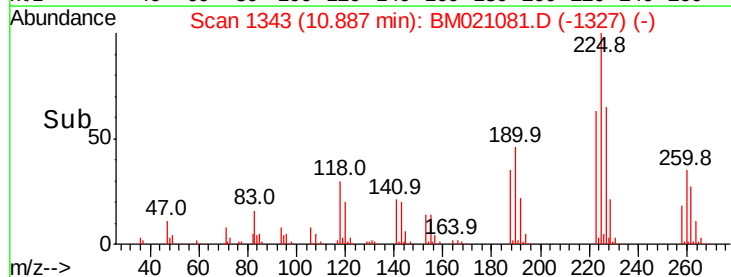
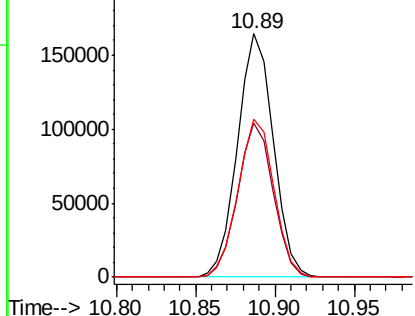


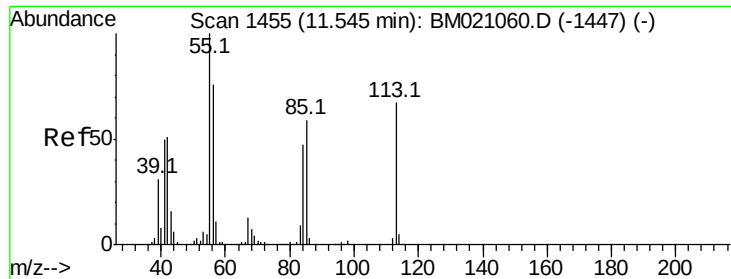
Abundance

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





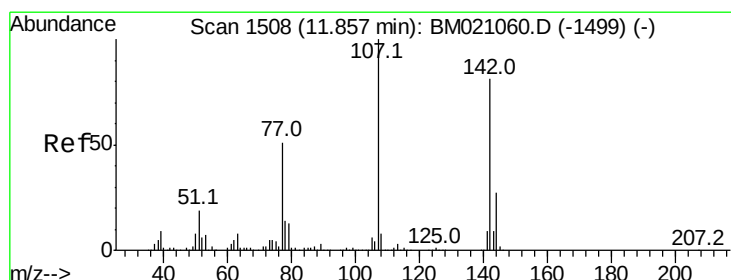
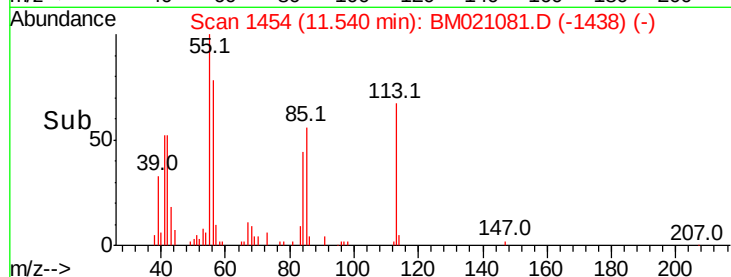
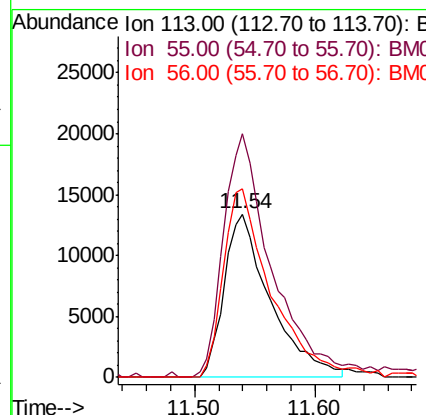
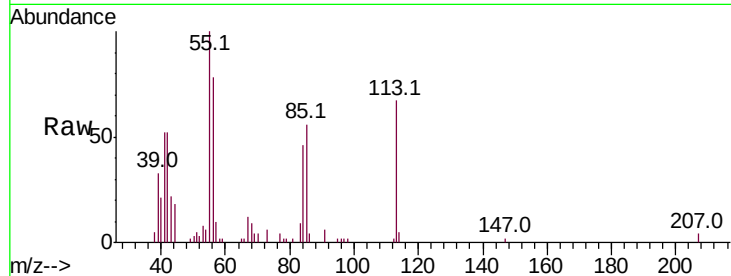
#35
 Caprolactam
 Concen: 5.722 ng
 RT: 11.54 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	149.2	129.8	169.8
56	115.8	94.3	134.3

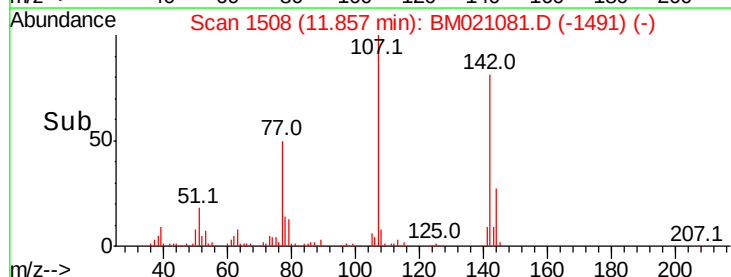
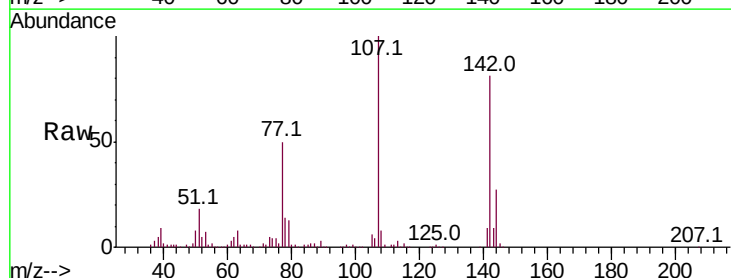
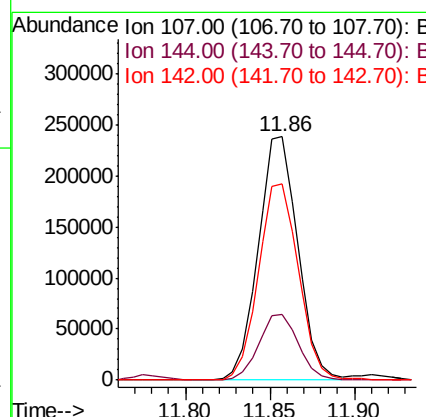
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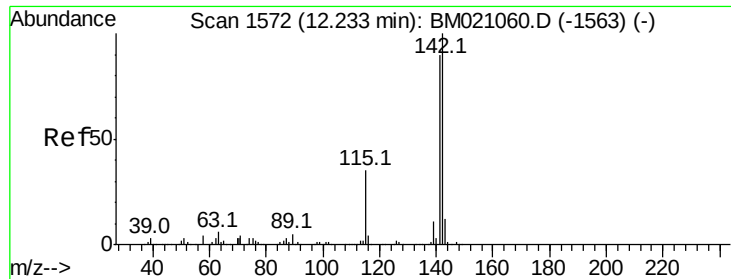
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#36
 4-Chloro-3-methylphenol
 Concen: 19.284 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	21.3	31.9
142	80.9	64.9	97.3





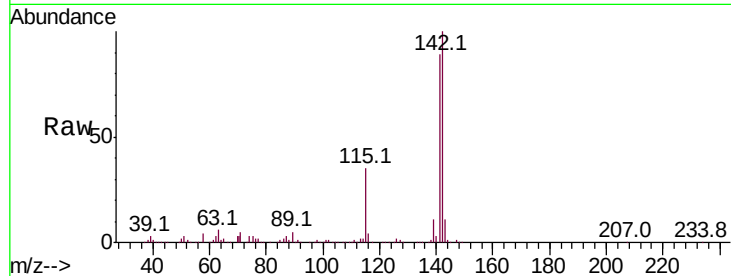
#37
2-Methylnaphthalene
Concen: 20.132 ng
RT: 12.23 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.2	108.2
115	35.2	27.9	41.9

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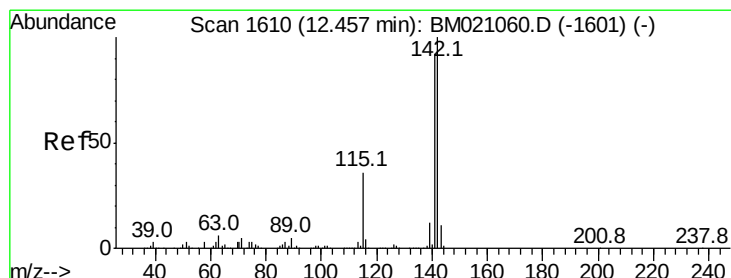
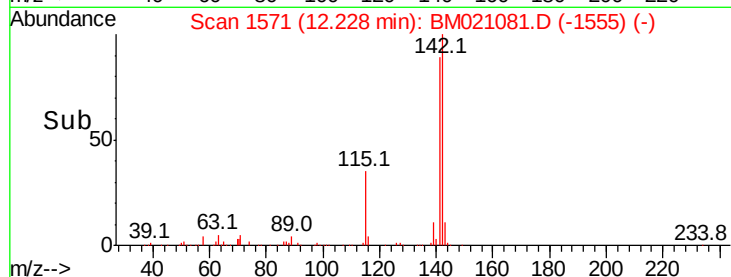
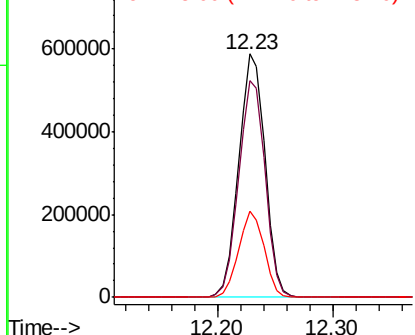


Abundance

Ion 142.00 (141.70 to 142.70): E

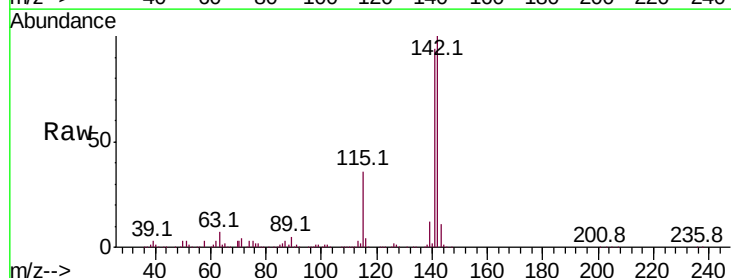
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 21.868 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	73.9	110.9
116	3.7	3.0	4.6

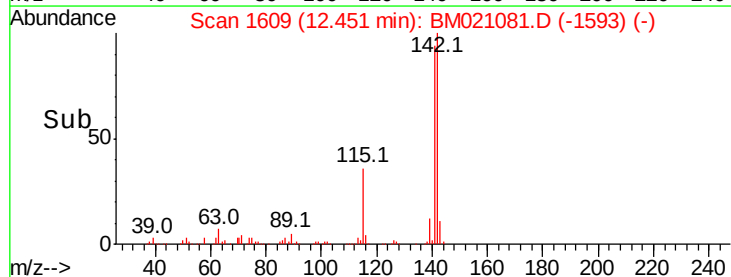
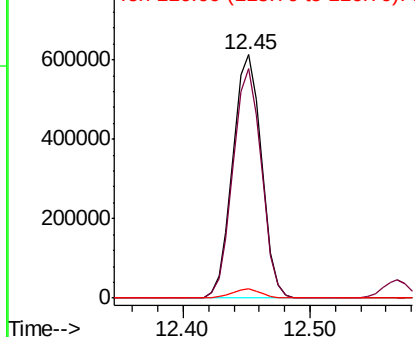


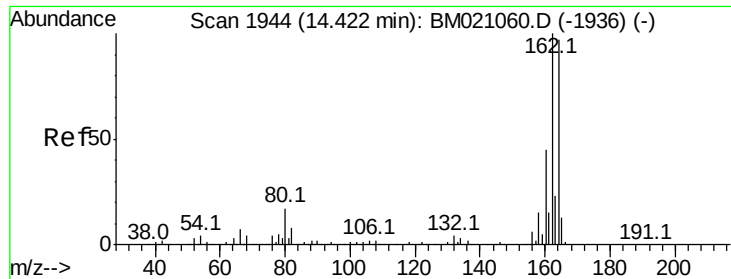
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





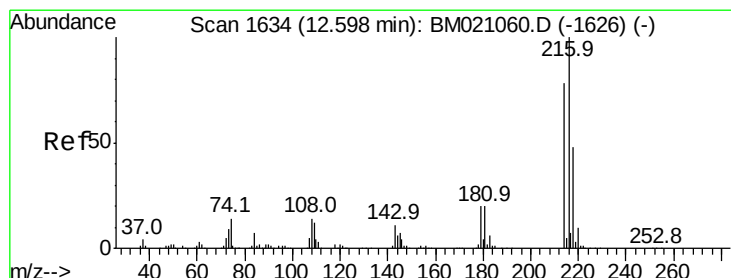
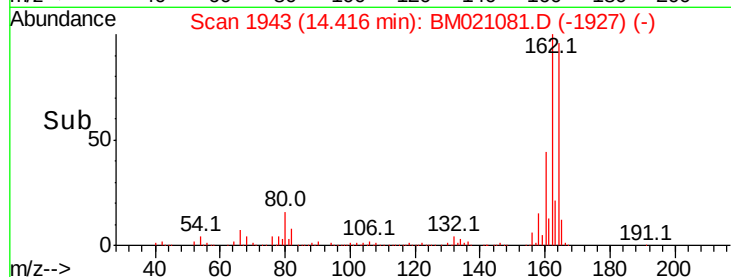
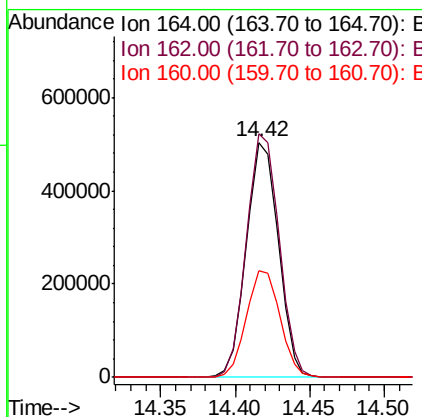
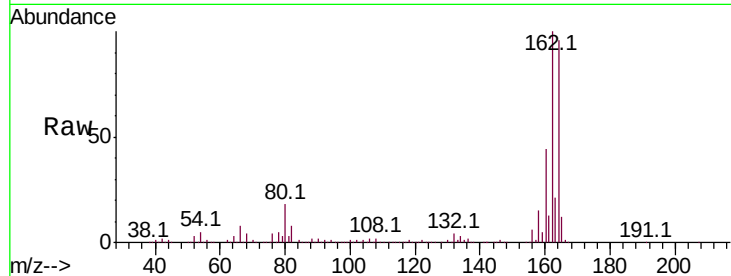
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.1	123.1
160	45.7	37.1	55.7

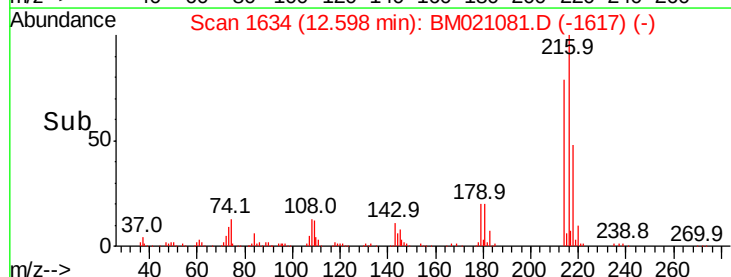
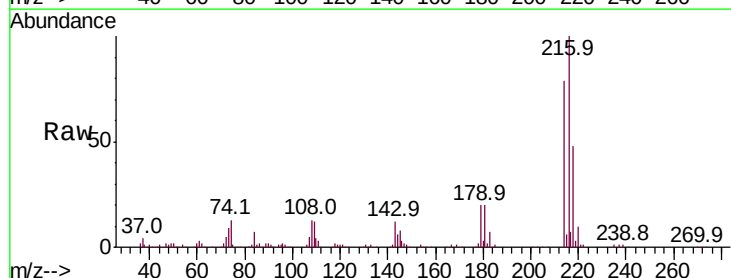
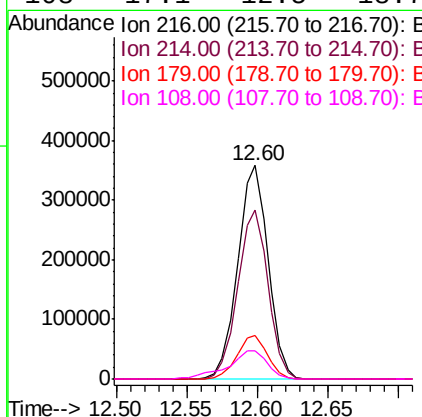
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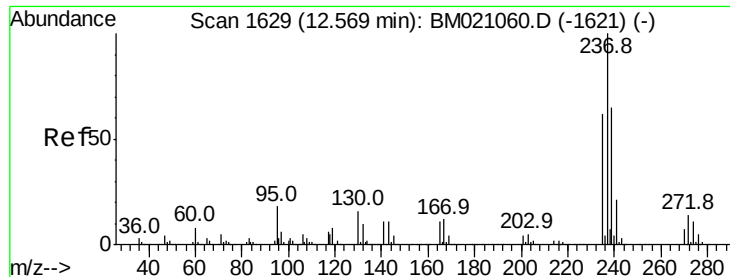
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 19.022 ng
RT: 12.60 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	20.5	16.4	24.6
108	17.1	12.5	18.7





#41

Hexachlorocyclopentadiene

Concen: 37.134 ng

RT: 12.57 min Scan# 1629

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

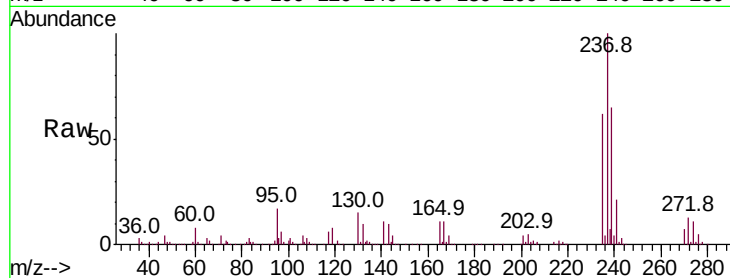
ClientSampleId :

SS043MW010-190611MS

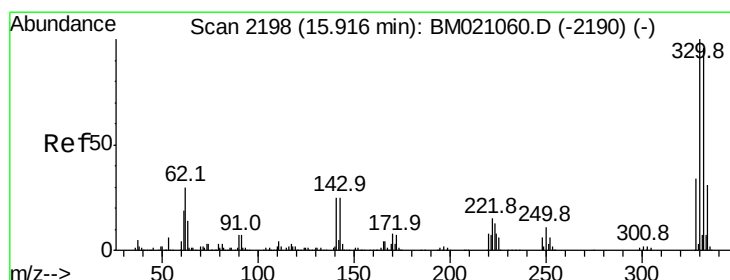
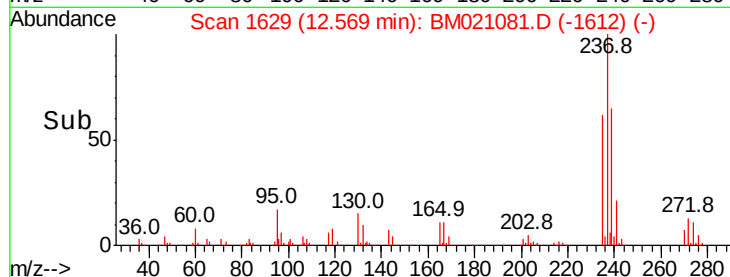
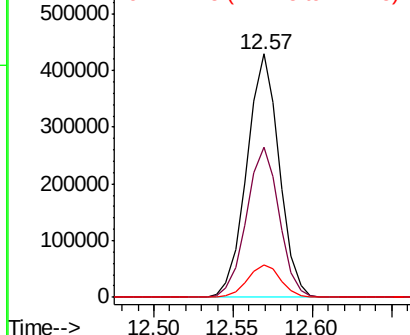
Tot Ion:	237	Resp:	608500
Ion Ratio	Lower	Upper	
237	100		
235	61.9	41.7	81.7
272	13.3	0.0	34.1

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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: 52.329 ng

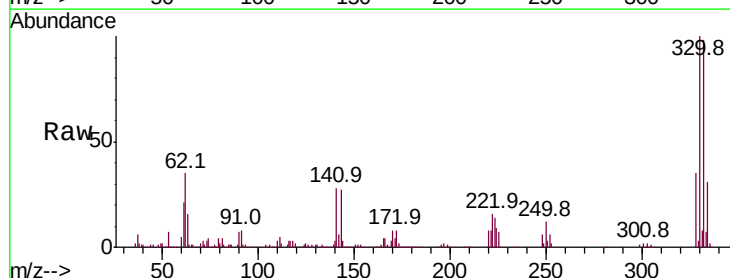
RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

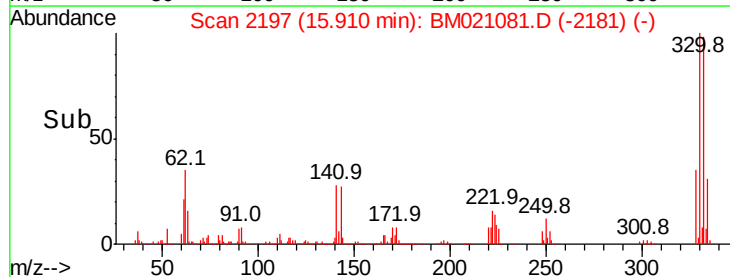
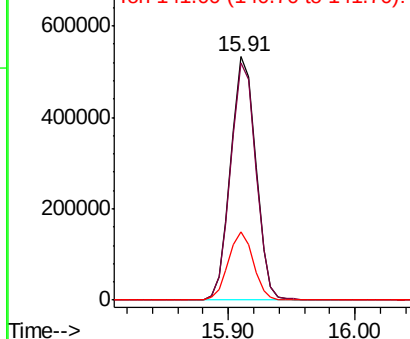
Lab File: BM021081.D

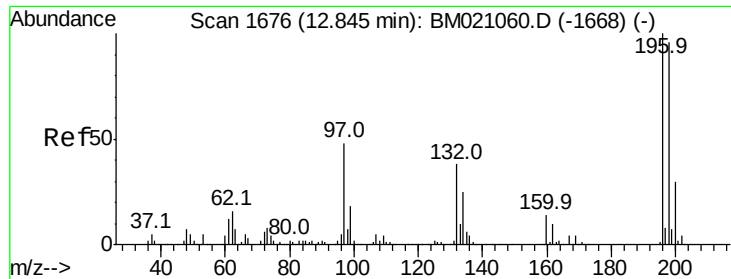
Acq: 21 Jun 2019 13:46

Tgt Ion:	330	Resp:	733322
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.1	115.7
141	28.0	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





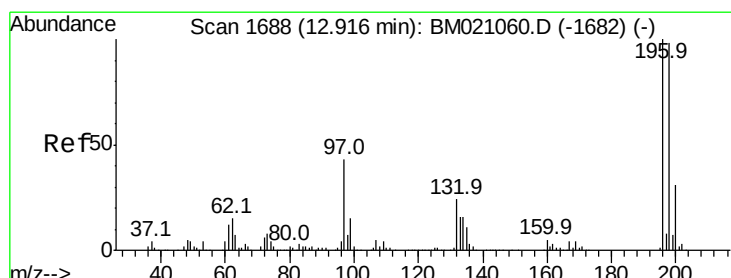
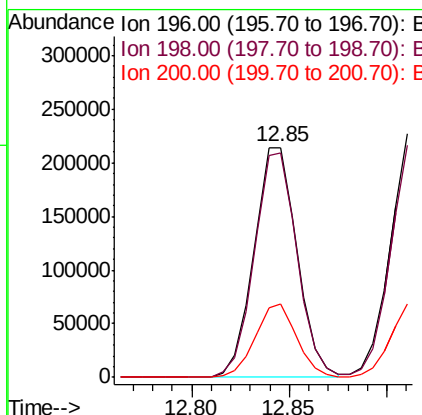
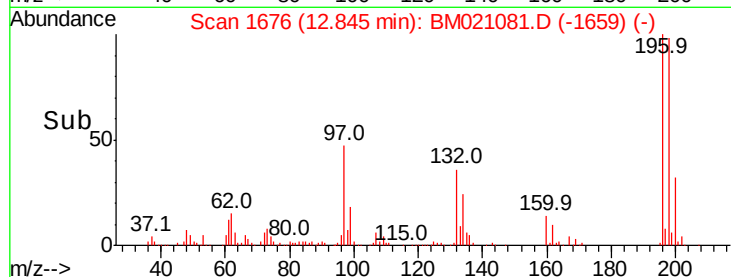
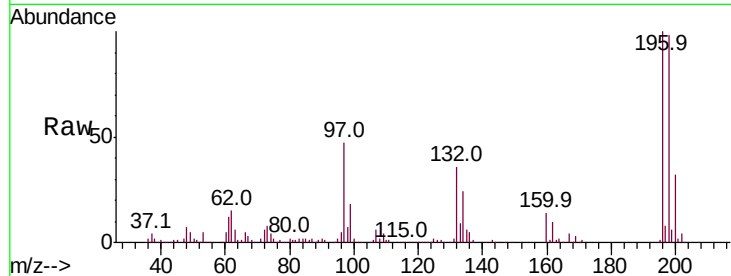
#43
 2,4,6-Trichlorophenol
 Concen: 17.430 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	326028		
198	97.5	76.7	115.1	
200	31.8	24.2	36.4	

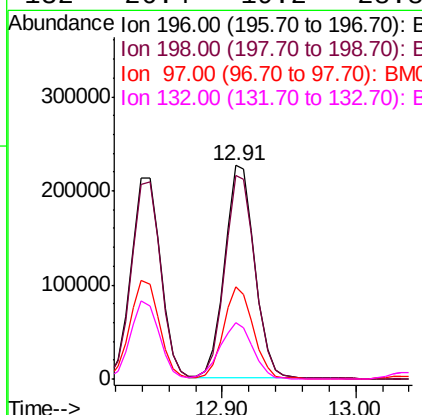
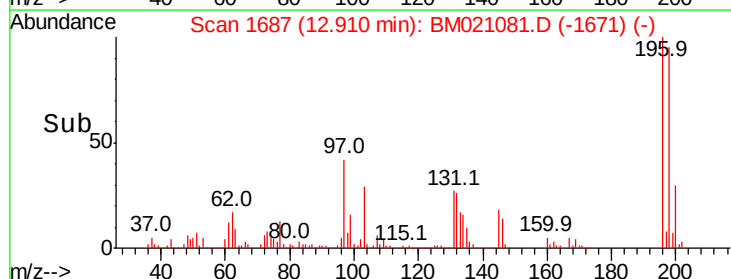
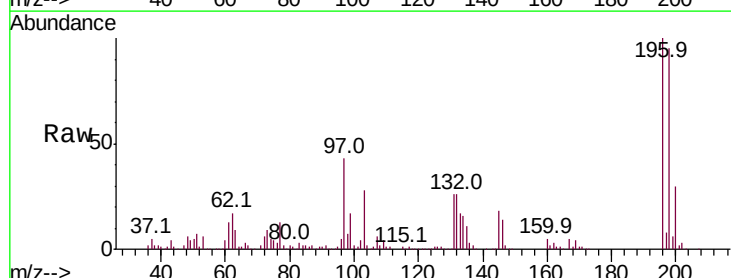
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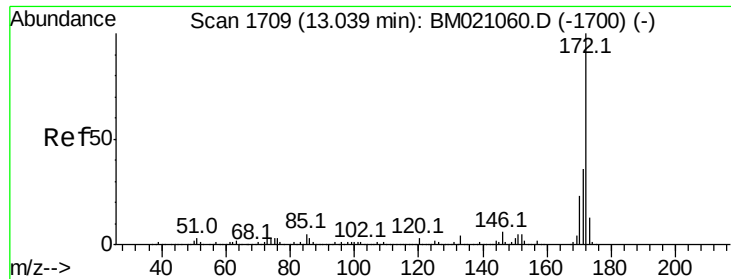
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 18.468 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	357731		
198	95.3	78.2	117.4	
97	43.0	34.1	51.1	
132	26.4	19.2	28.8	





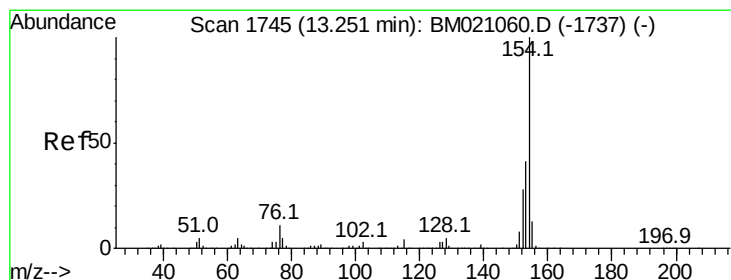
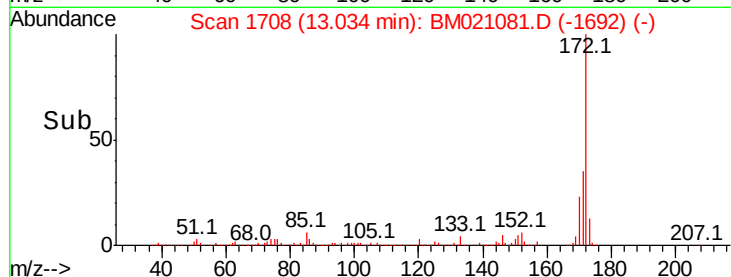
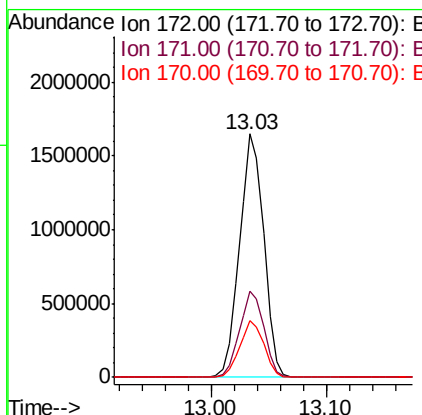
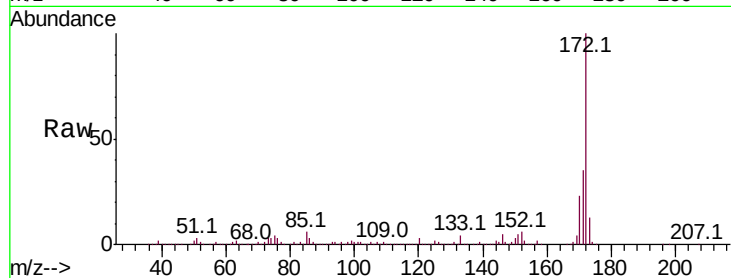
#45
2-Fluorobiphenyl
Concen: 39.409 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion:172 Resp: 2394735
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.2 18.7 28.1

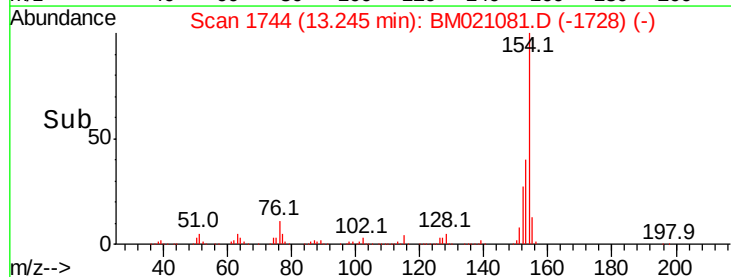
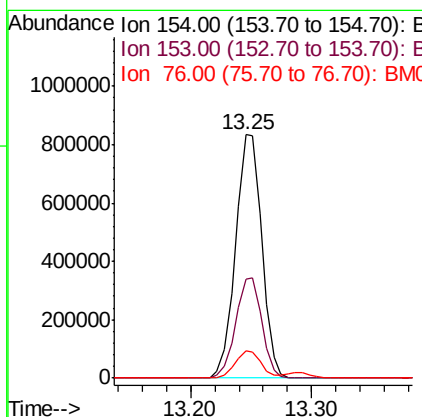
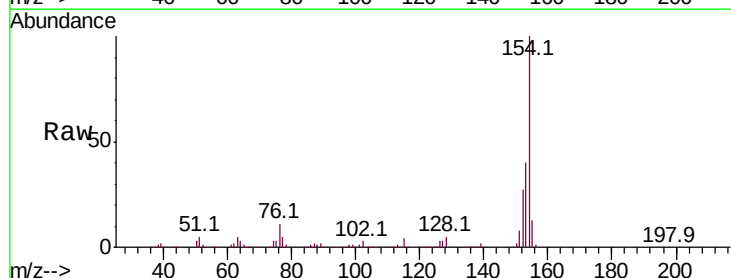
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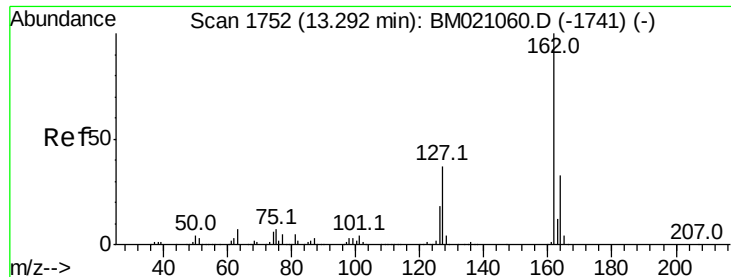
mohammad
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#46
1,1'-Biphenyl
Concen: 19.774 ng
RT: 13.25 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion:154 Resp: 1263968
Ion Ratio Lower Upper
154 100
153 40.4 21.3 61.3
76 11.2 0.0 30.9





#47

2-Chloronaphthalene

Concen: 18.947 ng

RT: 13.29 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

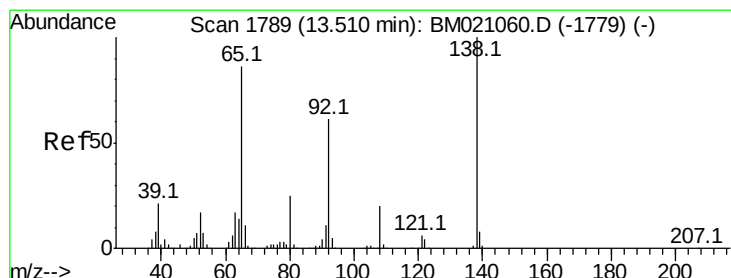
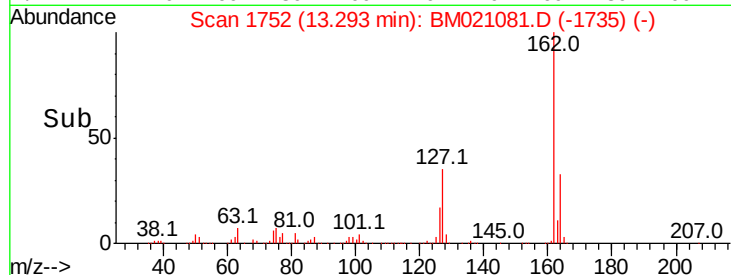
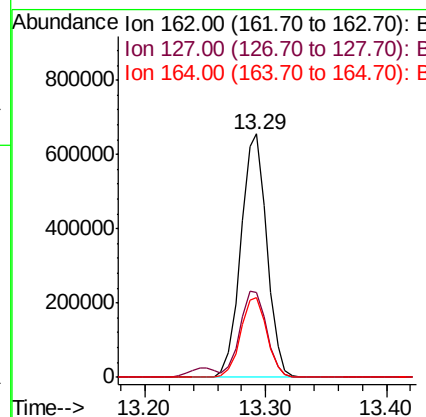
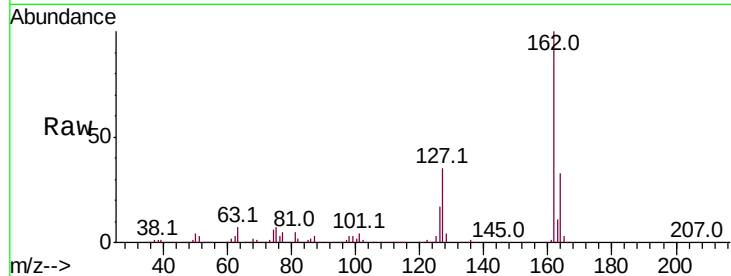
ClientSampleId :

SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	29.4	44.2
164	32.8	26.5	39.7

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#48

2-Nitroaniline

Concen: 19.616 ng

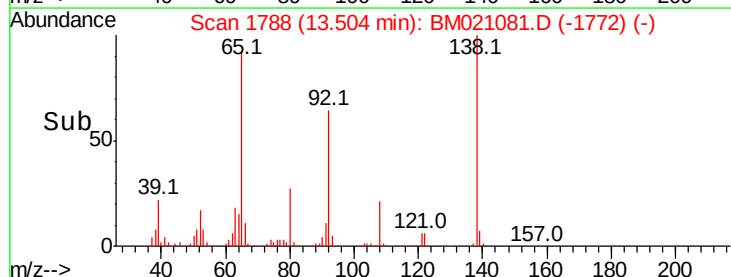
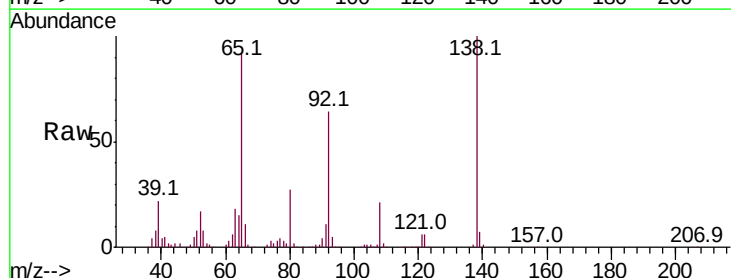
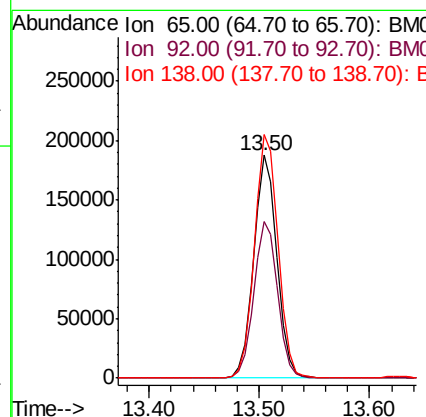
RT: 13.50 min Scan# 1788

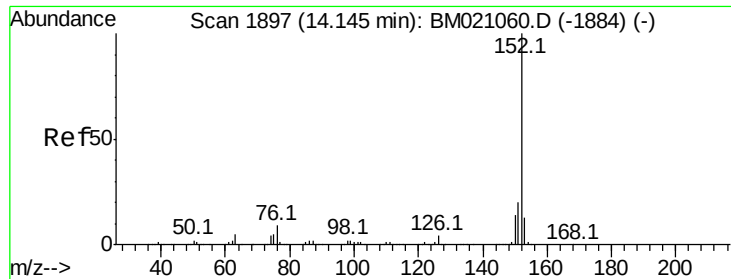
Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.2	56.3	84.5
138	109.2	92.6	139.0





#49

Acenaphthylene

Concen: 19.964 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611MS

Tot Ion:152 Resp: 1577201

Ion Ratio Lower Upper

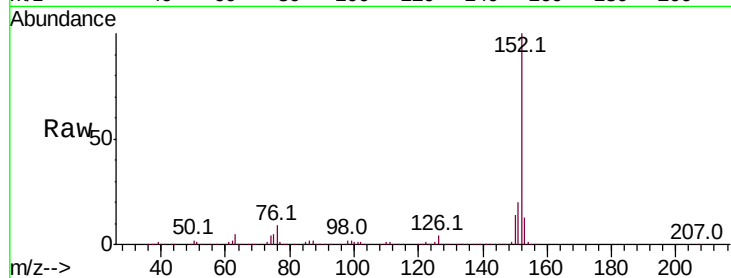
152 100

151 20.2 16.1 24.1

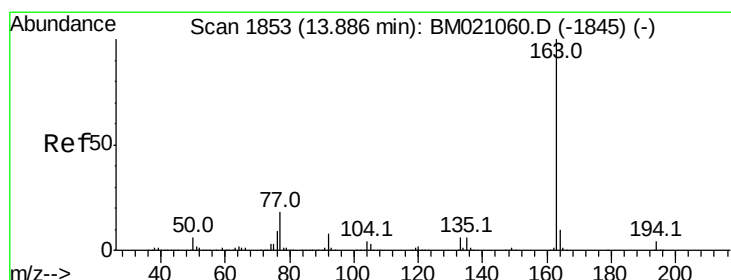
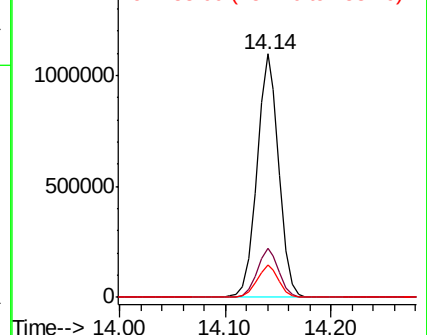
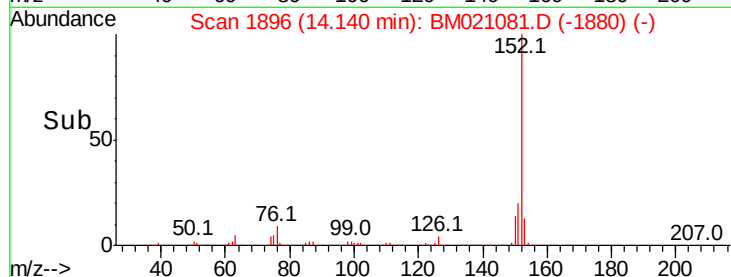
153 13.3 10.6 16.0

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Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 22.005 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

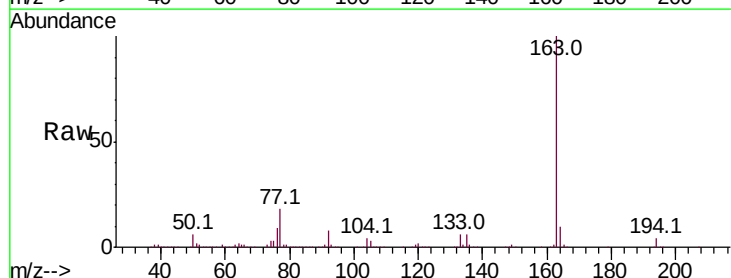
Tgt Ion:163 Resp: 1461121

Ion Ratio Lower Upper

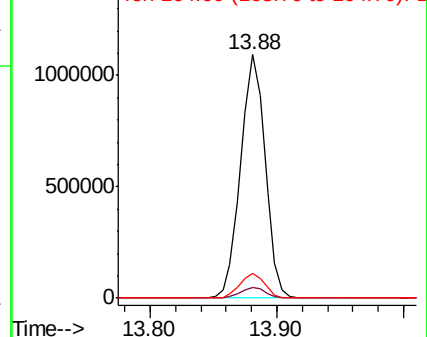
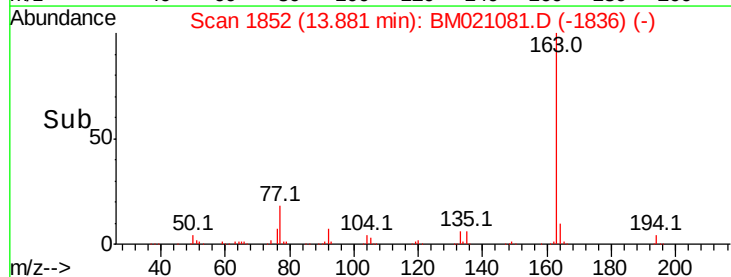
163 100

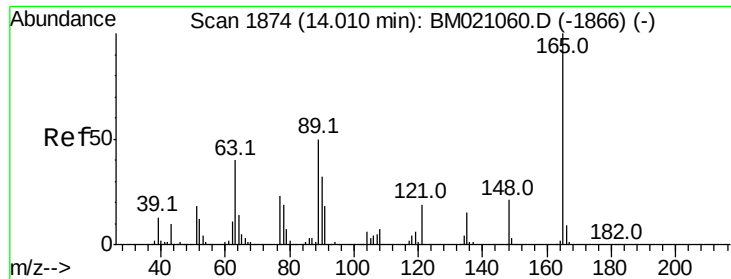
194 4.3 3.4 5.2

164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
1500000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





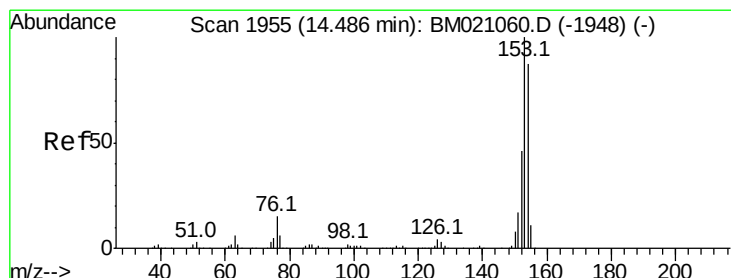
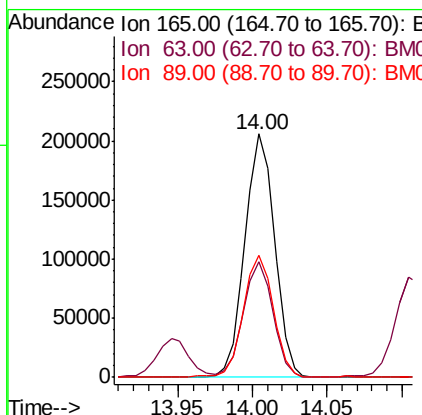
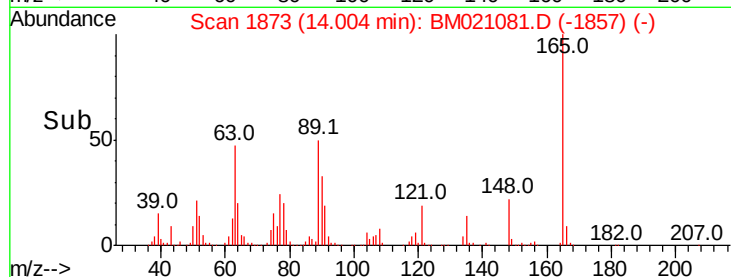
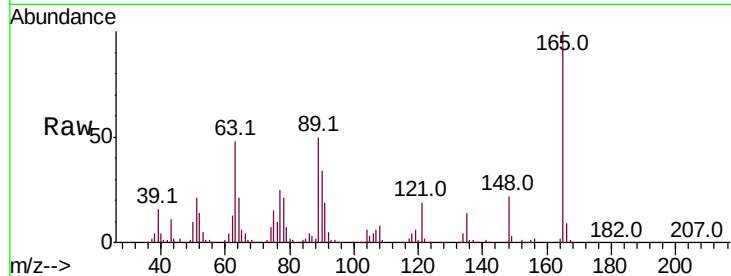
#51
 2,6-Dinitrotoluene
 Concen: 19.898 ng
 RT: 14.00 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	37.8	56.6
89	50.3	39.7	59.5

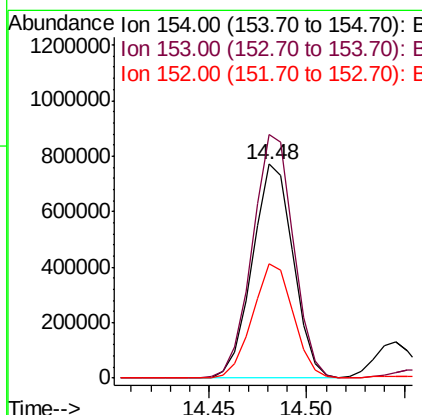
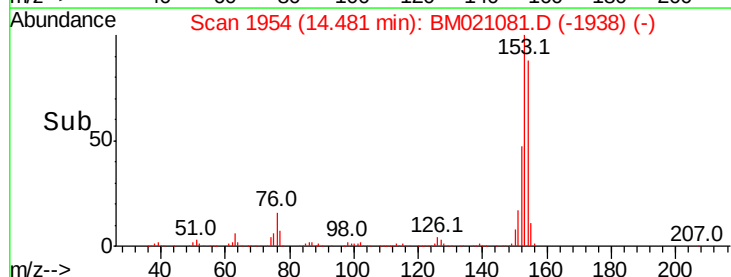
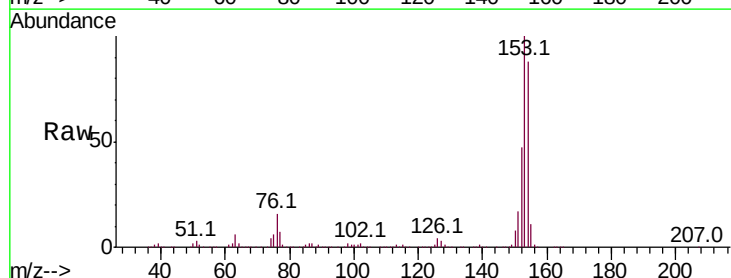
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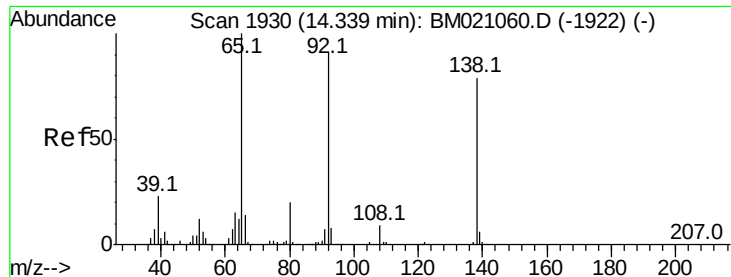
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#52
 Acenaphthene
 Concen: 23.455 ng
 RT: 14.48 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	91.5	137.3
152	53.4	42.3	63.5





#53

3-Nitroaniline

Concen: 8.176 ng

RT: 14.33 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611MS

Tot Ion:138 Resp: 119072

Ion Ratio Lower Upper

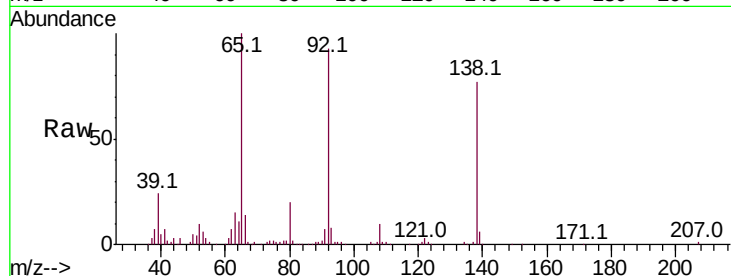
138 100

108 12.3 9.0 13.4

92 119.8 92.2 138.2

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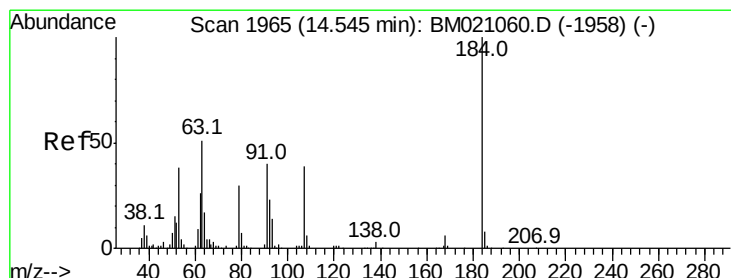
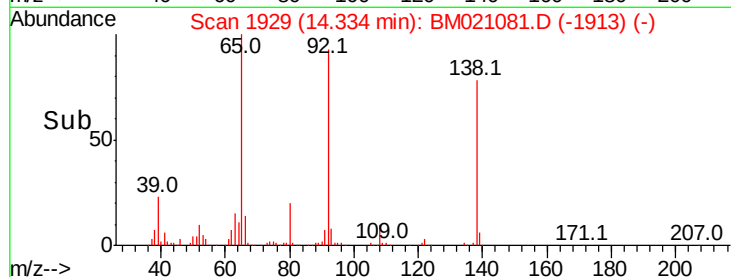
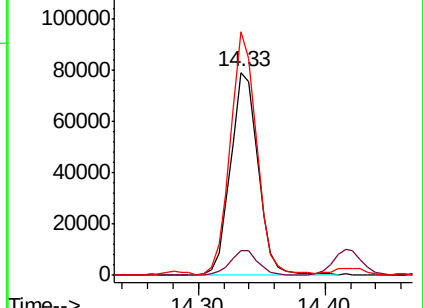
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 37.511 ng

RT: 14.55 min Scan# 1965

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

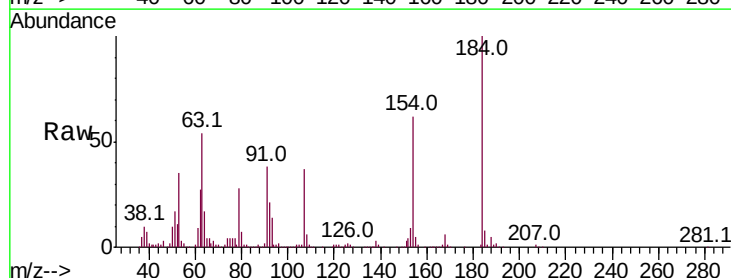
Tgt Ion:184 Resp: 287836

Ion Ratio Lower Upper

184 100

63 53.8 45.5 68.3

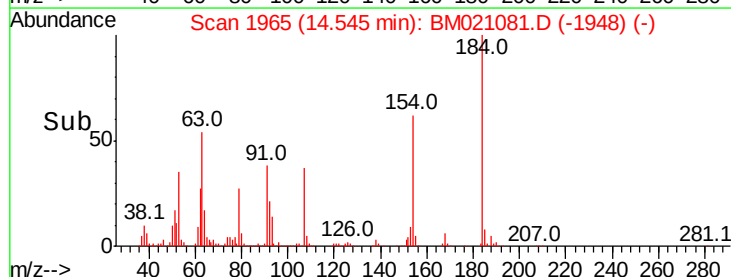
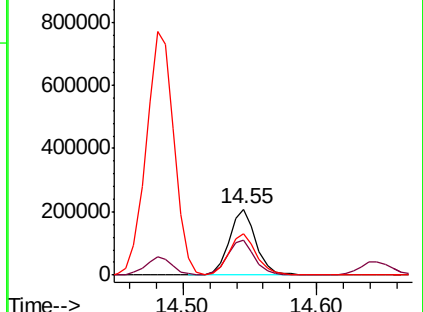
154 62.4 50.6 76.0

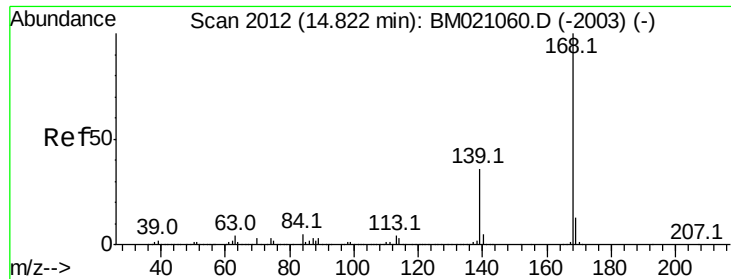


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





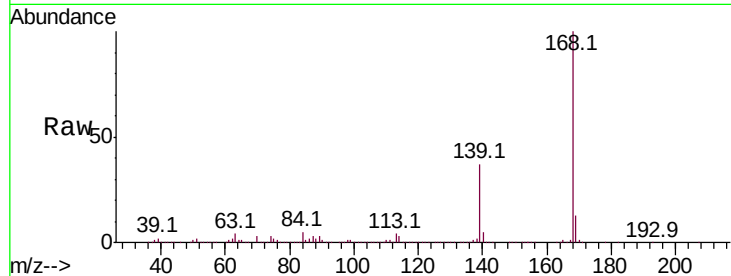
#55
Dibenzenofuran
Concen: 19.961 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

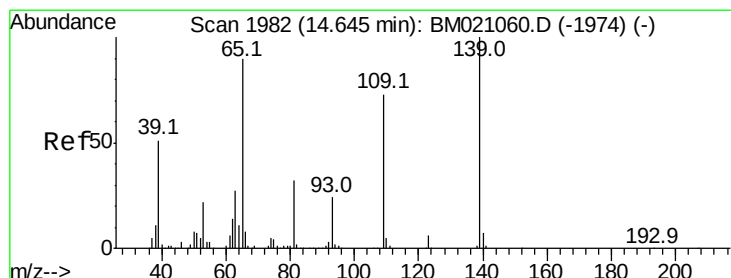
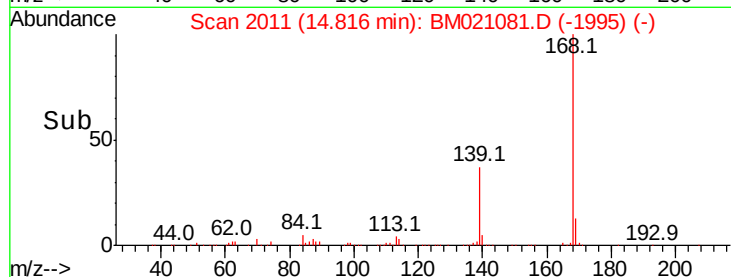
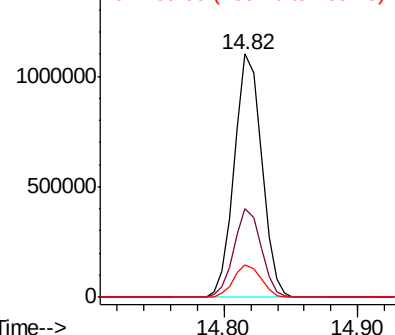
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	28.4	42.6
169	13.1	10.6	16.0

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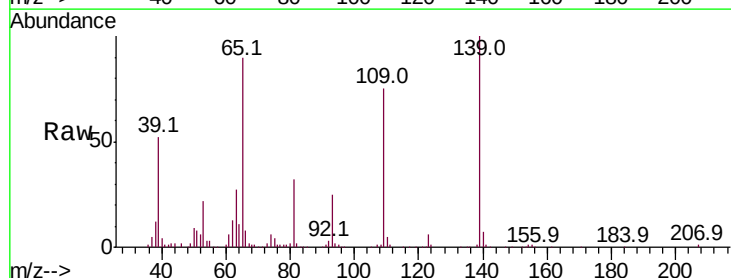


Abundance Ion 168.00 (167.70 to 168.70): E
1500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

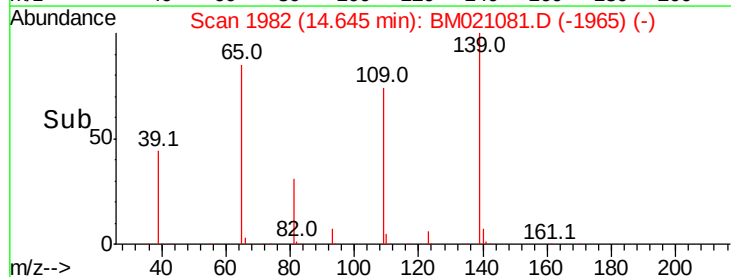
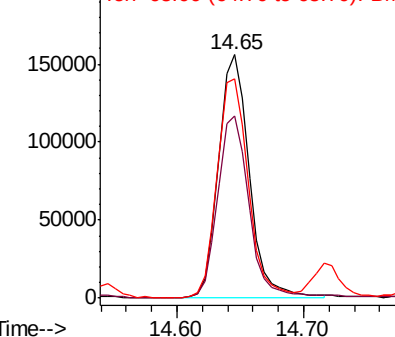


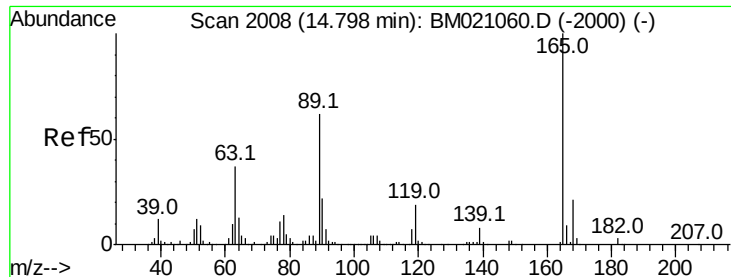
#56
4-Nitrophenol
Concen: 23.501 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.7	53.3	93.3
65	90.0	70.3	110.3



Abundance Ion 139.00 (138.70 to 139.70): E
200000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





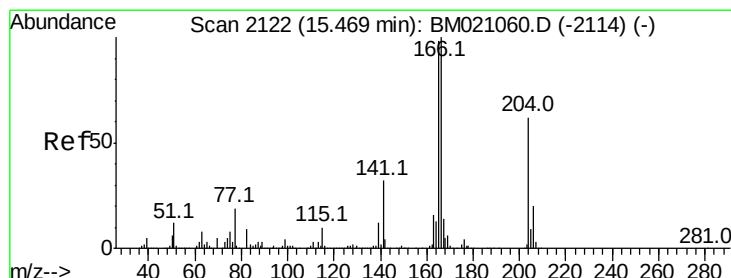
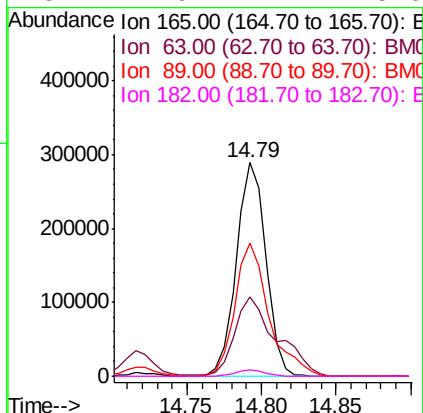
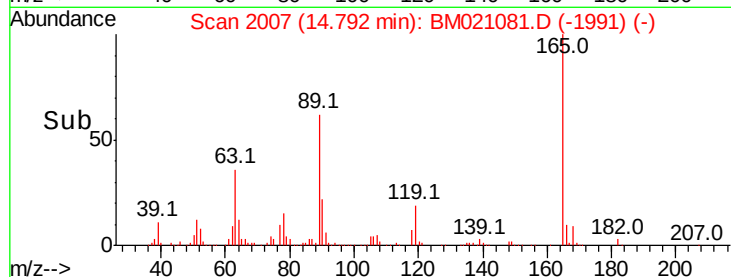
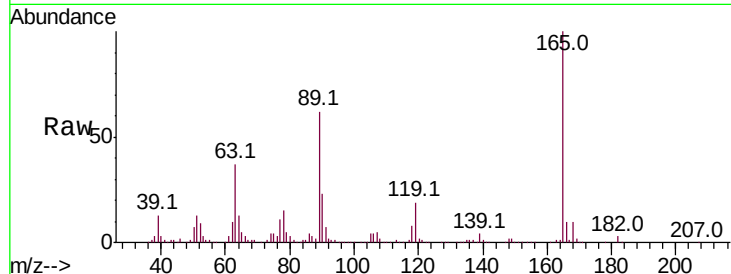
#57
2,4-Dinitrotoluene
Concen: 20.210 ng
RT: 14.79 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	398645		
63	36.9	29.6	44.4	
89	62.2	49.5	74.3	
182	2.9	2.4	3.6	

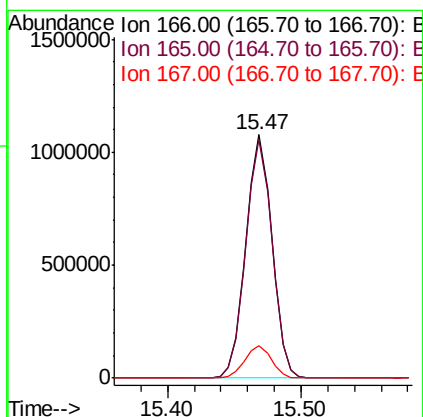
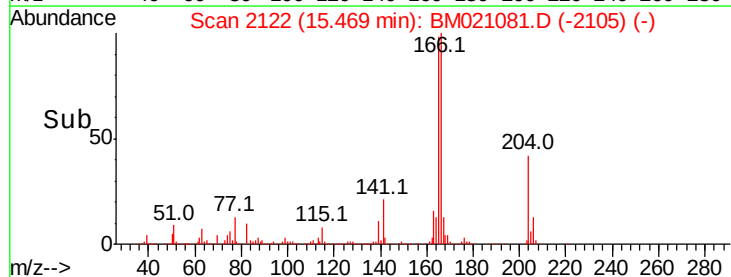
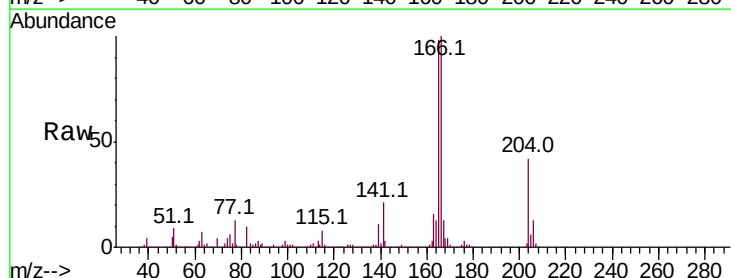
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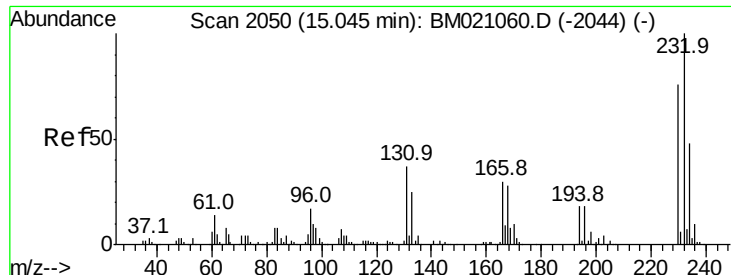
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#58
Fluorene
Concen: 22.943 ng
RT: 15.47 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1457620		
165	98.1	78.6	117.8	
167	13.5	10.9	16.3	





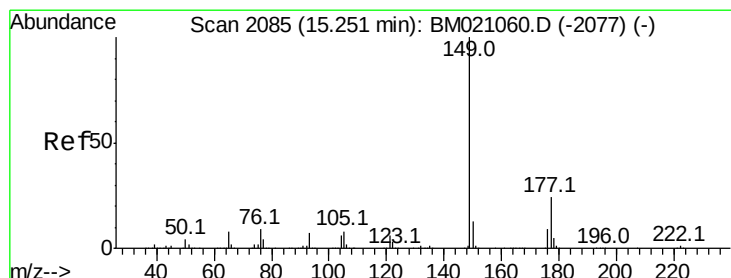
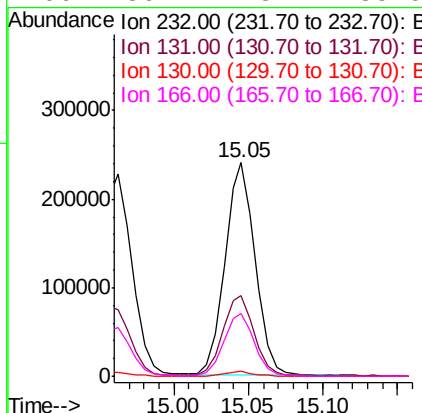
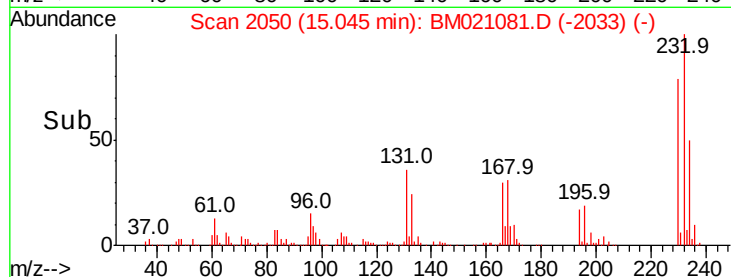
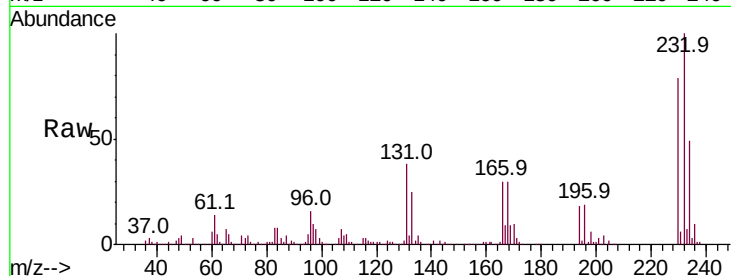
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 18.346 ng
 RT: 15.05 min Scan# 2050
 Delta R.T. 0.00 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	339542		
131	38.8		30.6	46.0
130	2.2		1.7	2.5
166	30.1		23.4	35.0

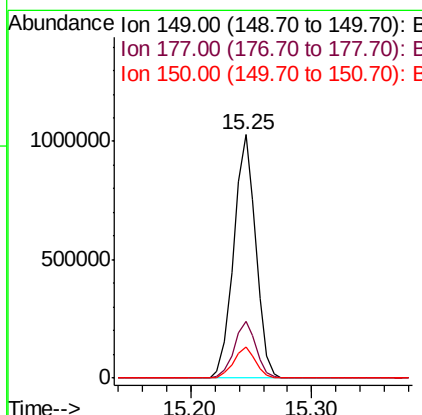
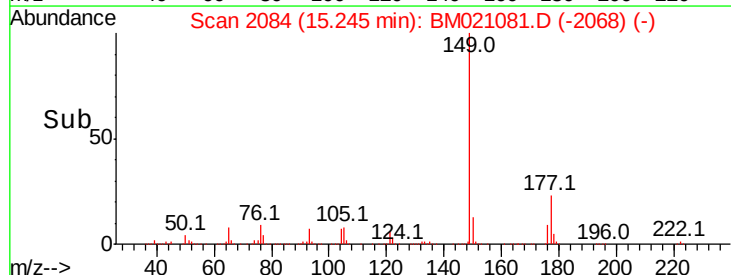
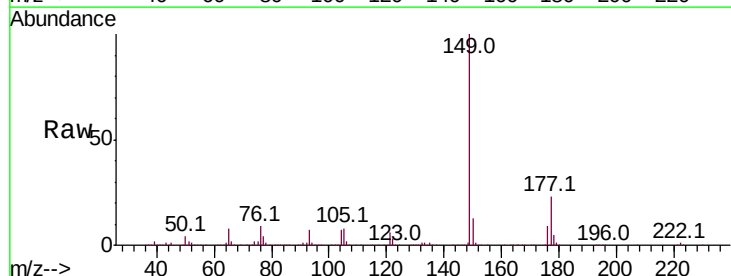
Manual Integrations
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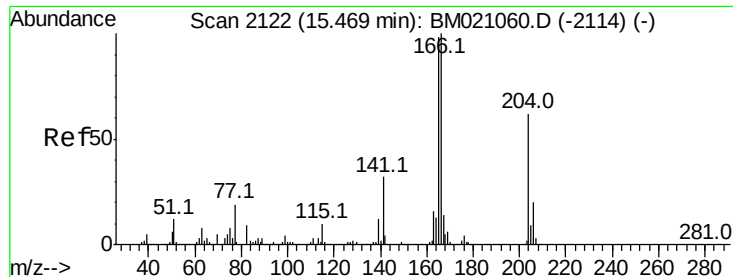
mohammad
 6/25/2019 3:23:00 PM



#60
 Diethylphthalate
 Concen: 19.959 ng
 RT: 15.25 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1305246		
177	23.2		19.1	28.7
150	12.6		10.1	15.1





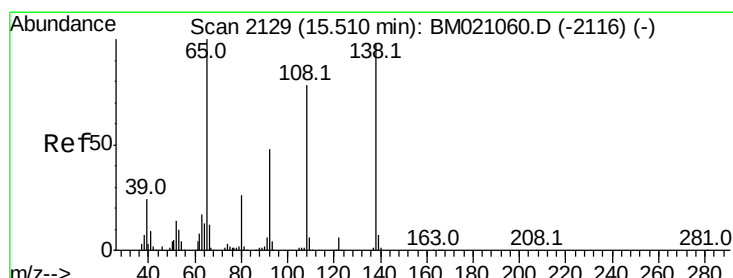
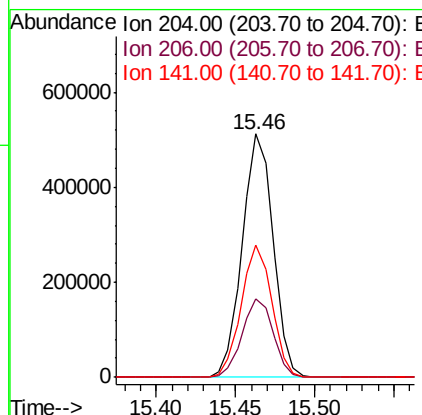
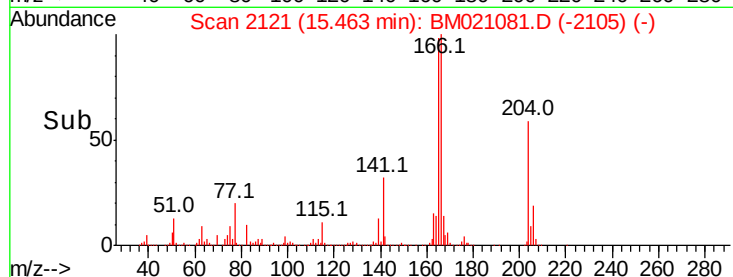
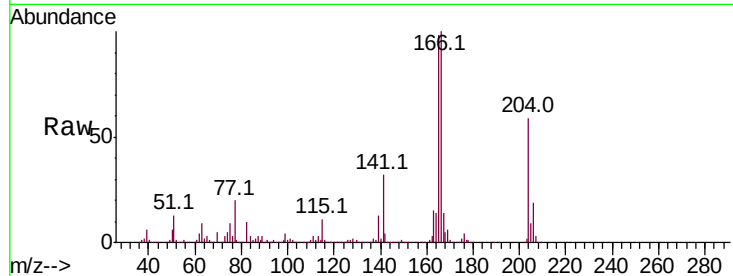
#61
4-Chlorophenyl-phenylether
Concen: 19.291 ng
RT: 15.46 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	692395		
206	32.4	26.1	39.1	
141	54.1	40.7	61.1	

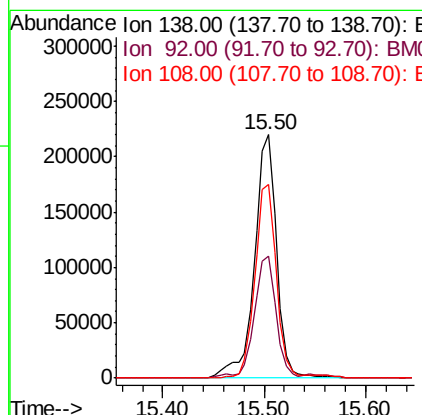
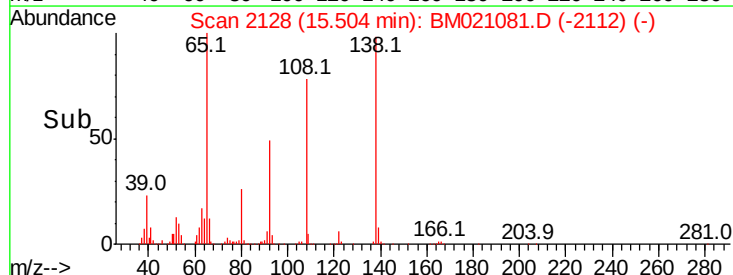
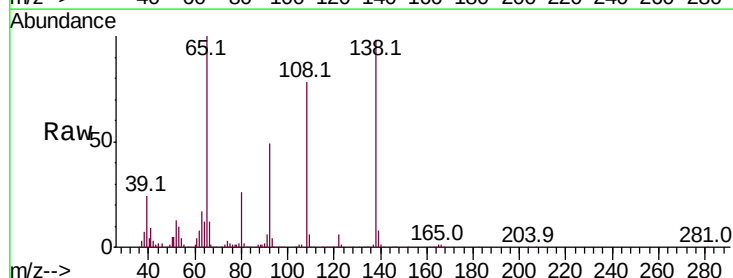
Manual Integrations
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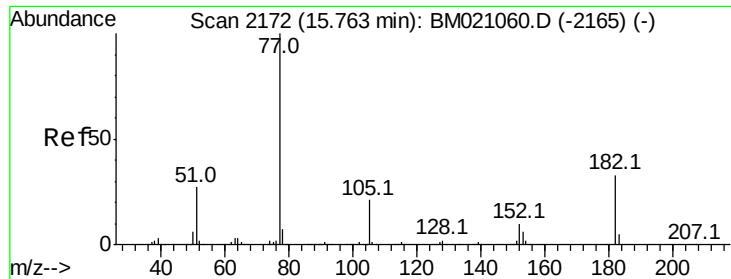
mohammad
6/25/2019 3:23:00 PM



#62
4-Nitroaniline
Concen: 21.879 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	334419		
92	50.1	29.1	69.1	
108	79.5	59.2	99.2	





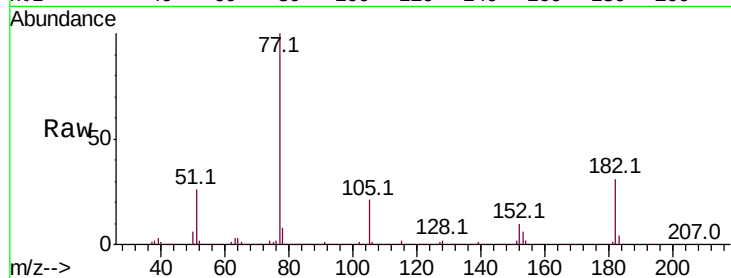
#63
Azobenzene
Concen: 20.494 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

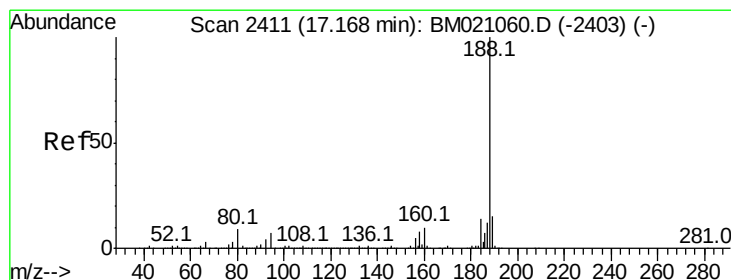
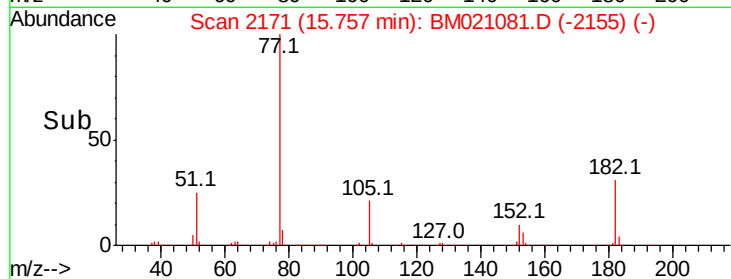
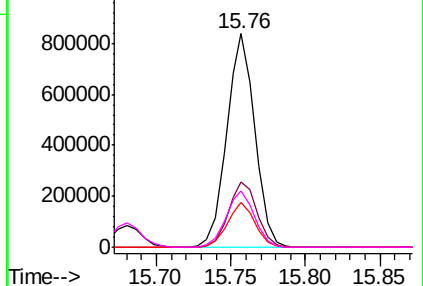
Tot Ion: 77 Resp: 1099352
Ion Ratio Lower Upper
77 100
182 30.7 12.6 52.6
105 20.8 1.1 41.1
51 26.3 6.9 46.9

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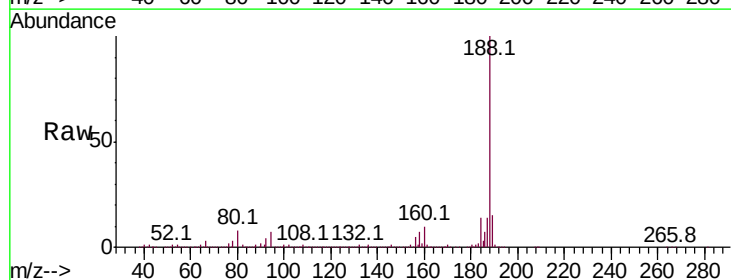


Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-2165) (-)
Ion 182.00 (181.70 to 182.70): BM021060.D (-2165) (-)
Ion 105.00 (104.70 to 105.70): BM021060.D (-2165) (-)
Ion 51.00 (50.70 to 51.70): BM021060.D (-2165) (-)

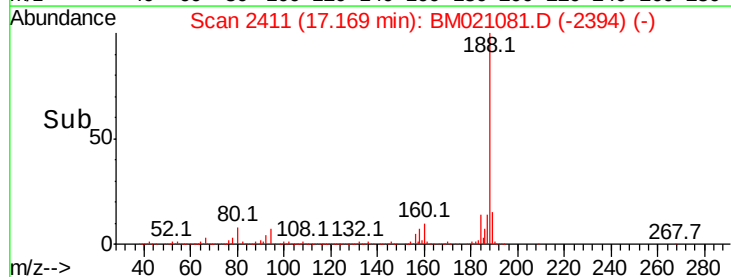
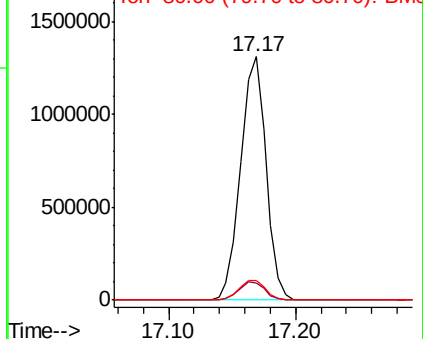


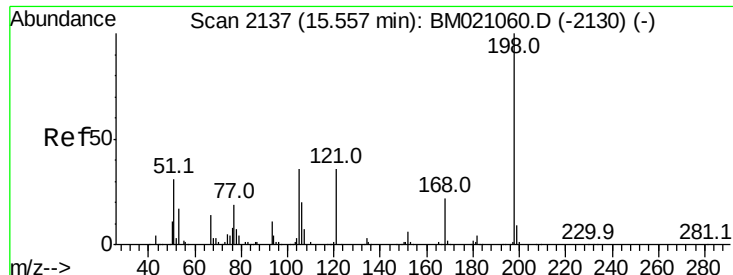
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion: 188 Resp: 1817404
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.8
80 8.1 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): BM021060.D (-2403) (-)
Ion 94.00 (93.70 to 94.70): BM021060.D (-2403) (-)
Ion 80.00 (79.70 to 80.70): BM021060.D (-2403) (-)





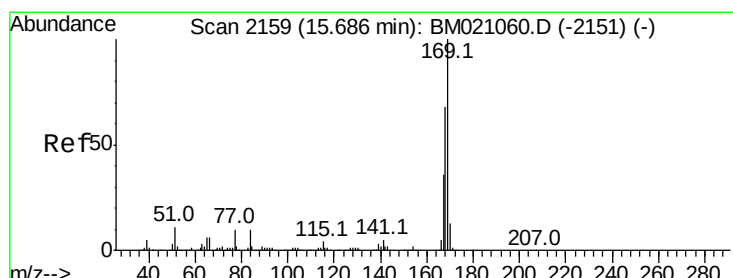
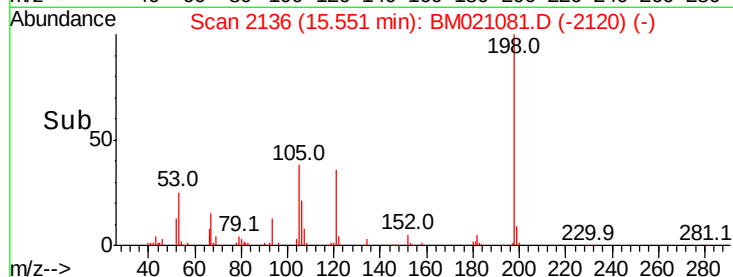
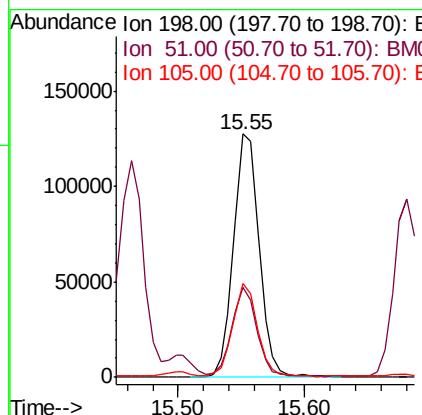
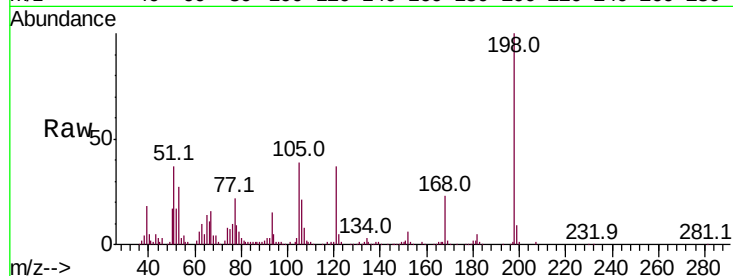
#65
4,6-Dinitro-2-methylphenol
Concen: 15.869 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	177824		
51	37.1	15.3	55.3	
105	38.7	16.8	56.8	

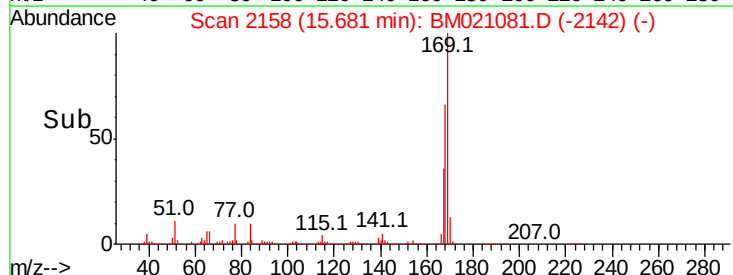
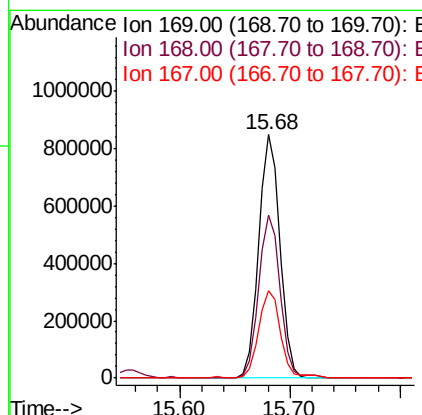
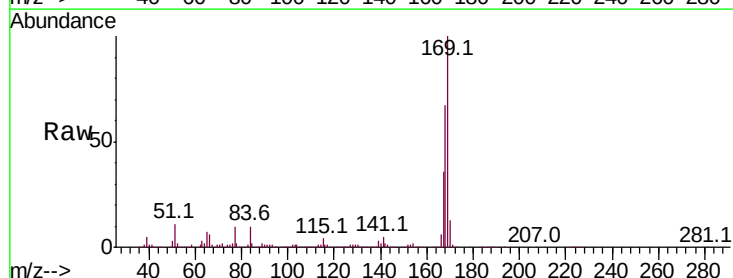
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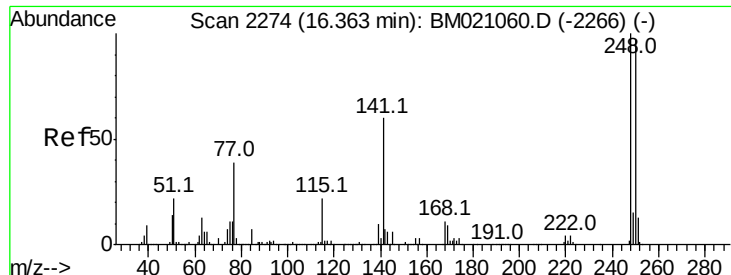
mohammad
6/25/2019 3:23:00 PM



#66
n-Nitrosodiphenylamine
Concen: 20.073 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1149858		
168	66.8	54.5	81.7	
167	36.1	29.0	43.6	





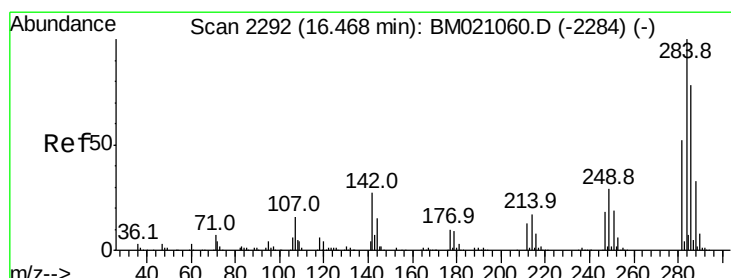
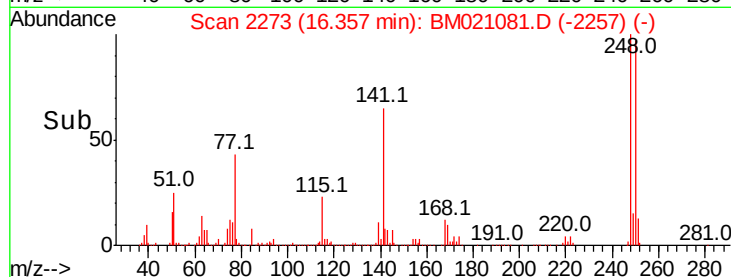
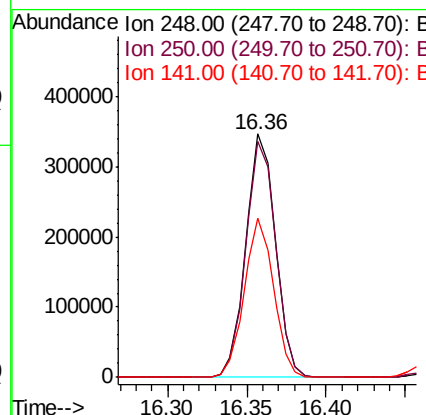
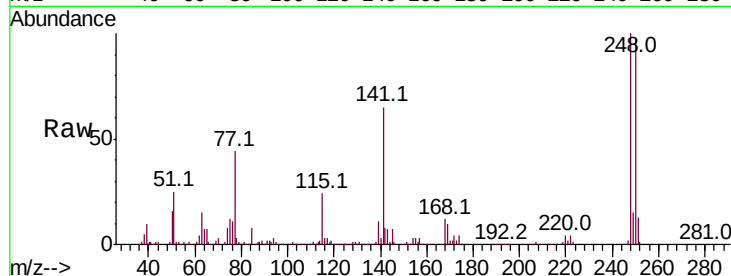
#67
4-Bromophenyl-phenylether
Concen: 18.605 ng
RT: 16.36 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.5	116.3
141	65.4	47.8	71.6

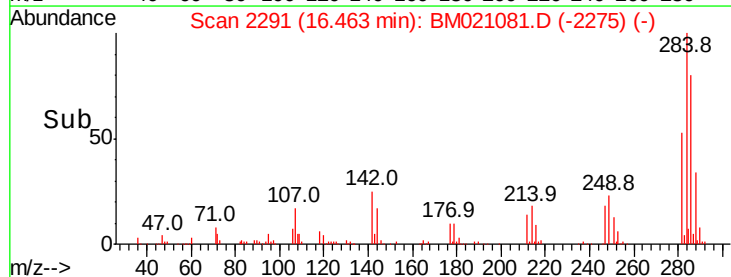
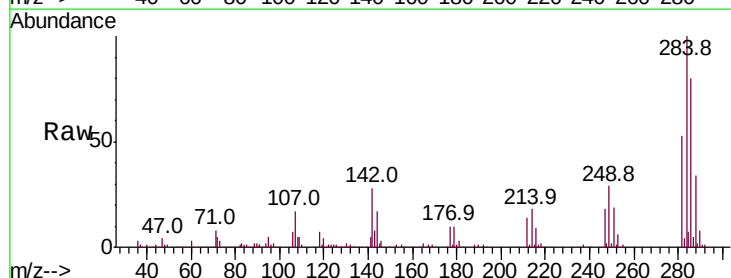
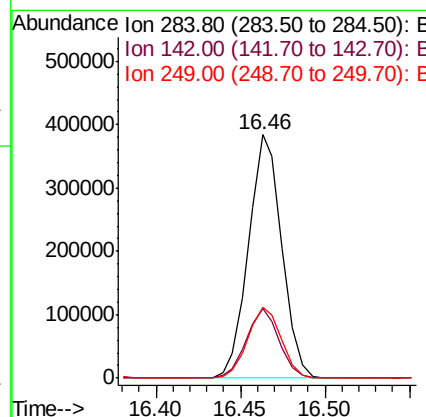
Manual Integrations
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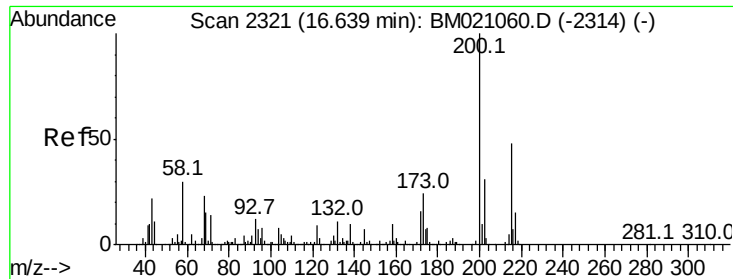
mohammad
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#68
Hexachlorobenzene
Concen: 18.147 ng
RT: 16.46 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.4	21.2	31.8
249	29.2	23.4	35.0





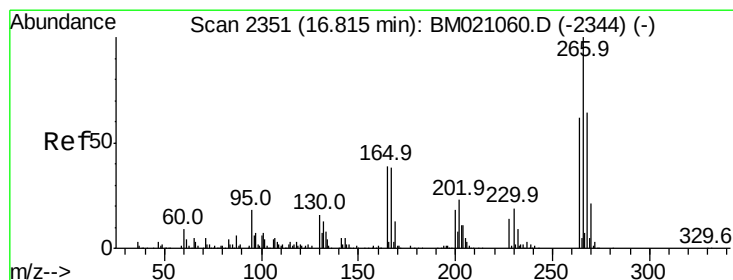
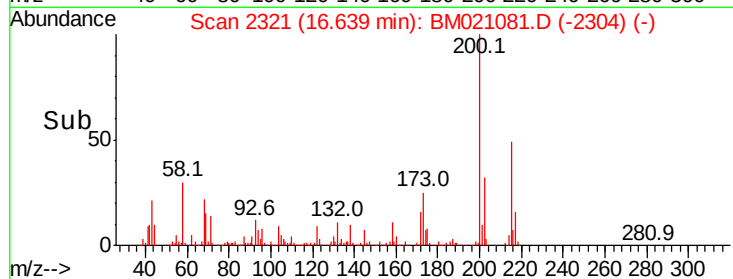
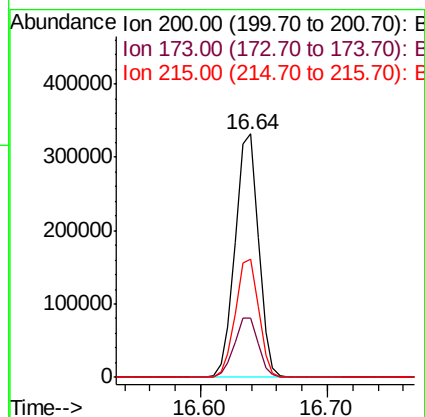
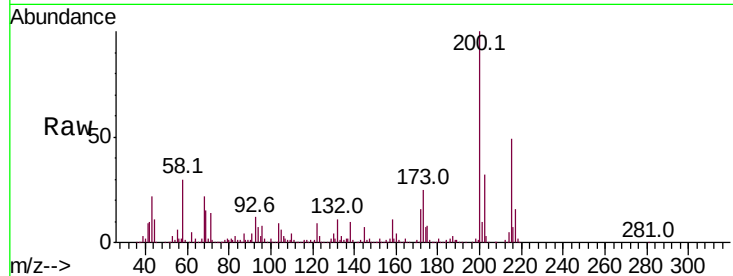
#69
Atrazine
Concen: 22.611 ng
RT: 16.64 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.5	4.3	44.3
215	48.5	28.2	68.2

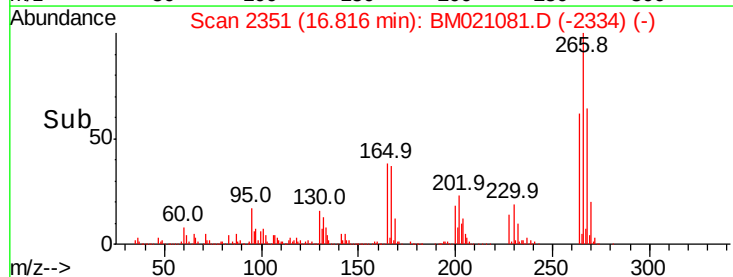
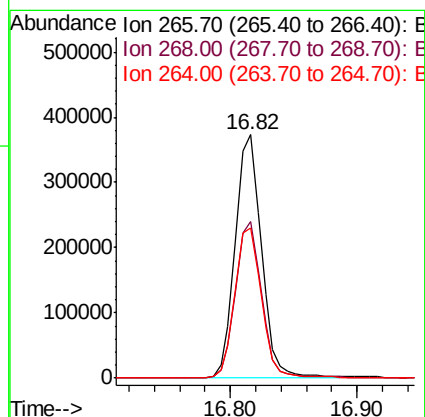
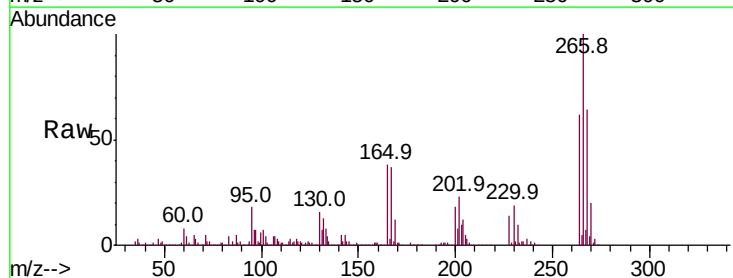
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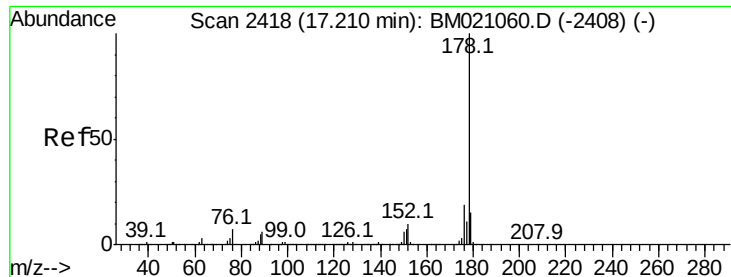
mohammad
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#70
Pentachlorophenol
Concen: 34.402 ng
RT: 16.82 min Scan# 2351
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	51.0	76.4
264	61.8	49.9	74.9





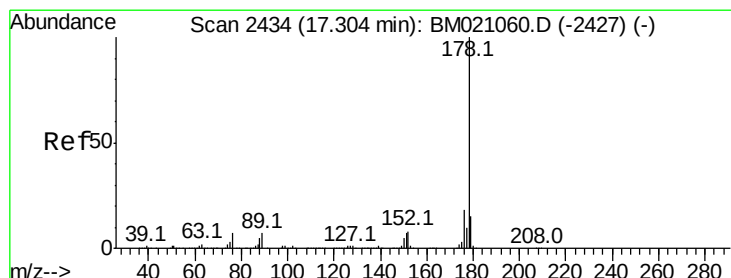
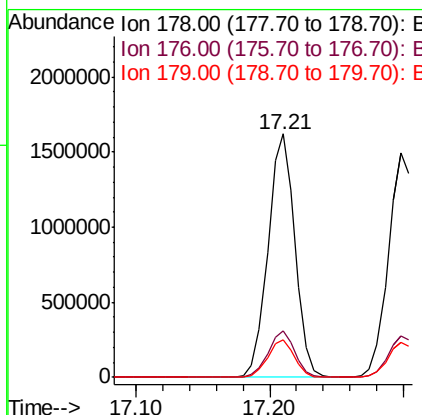
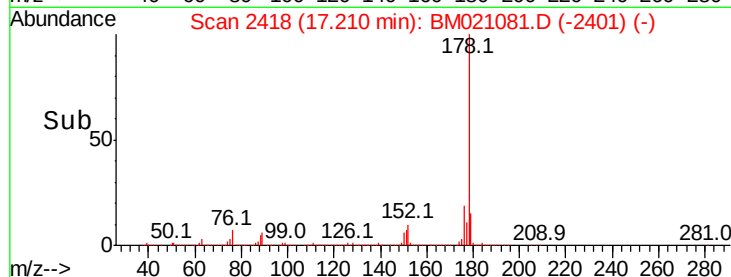
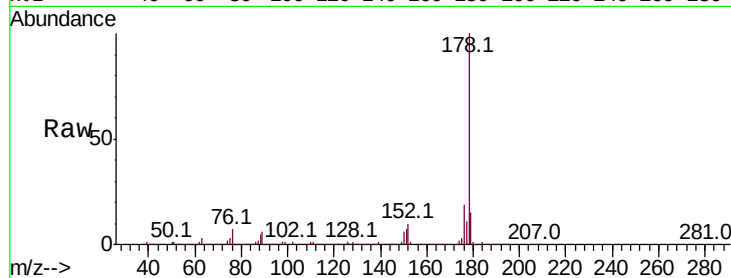
#71
Phenanthrene
Concen: 21.631 ng
RT: 17.21 min Scan# 2418
Delta R.T. 0.00 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion:178 Resp: 2265582
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.4 12.2 18.4

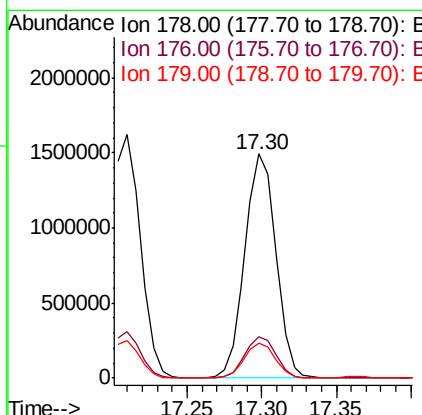
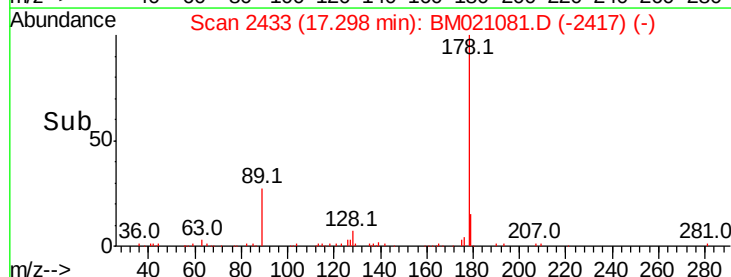
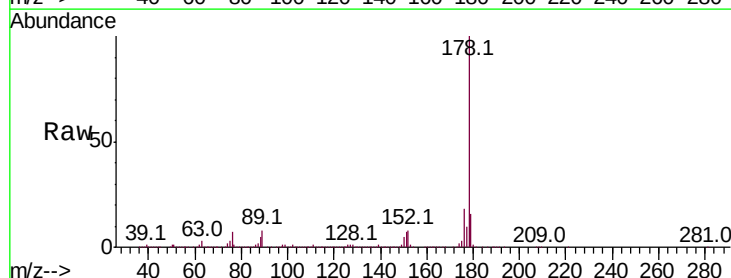
Manual Integrations
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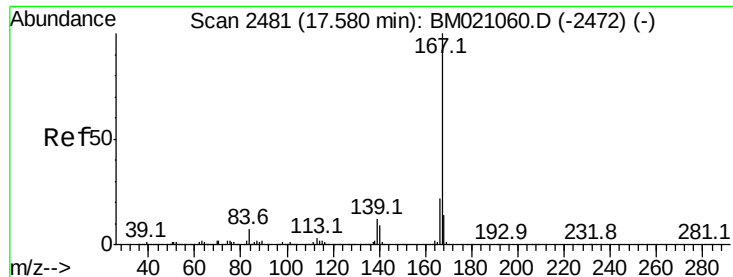
mohammad
6/25/2019 3:23:00 PM



#72
Anthracene
Concen: 20.632 ng
RT: 17.30 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion:178 Resp: 2140646
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.6 12.2 18.2





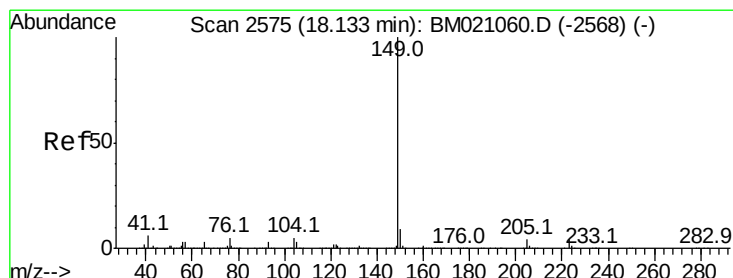
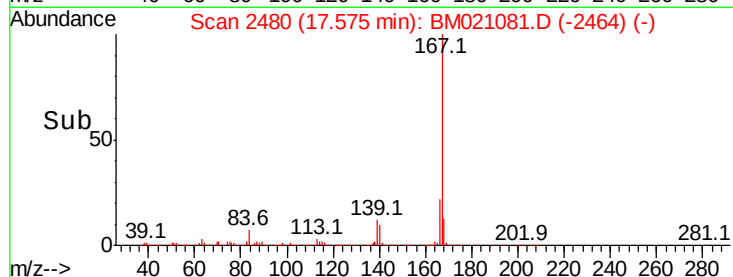
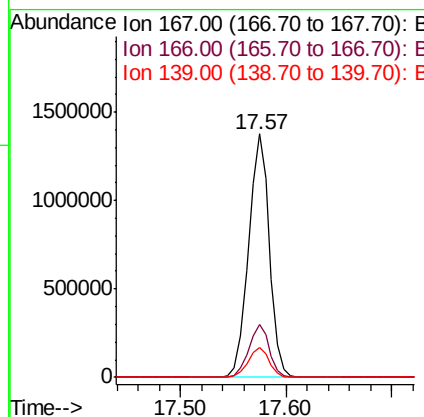
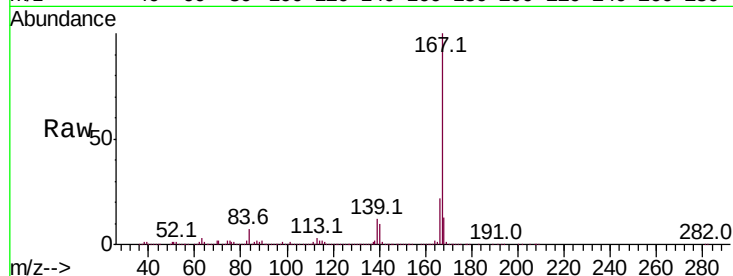
#73
 Carbazole
 Concen: 20.492 ng
 RT: 17.57 min Scan# 2480
 Delta R.T. -0.01 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Instrument :
 BNA_M
 ClientSampleId :
 SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.2
139	12.3	9.7	14.5

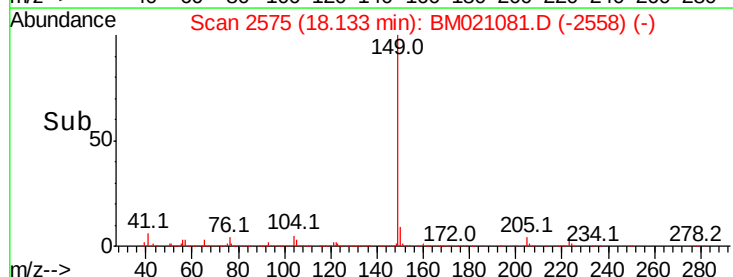
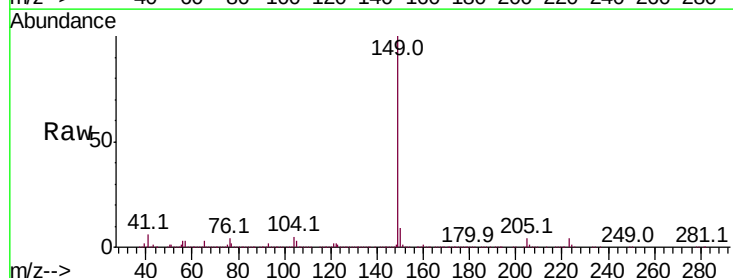
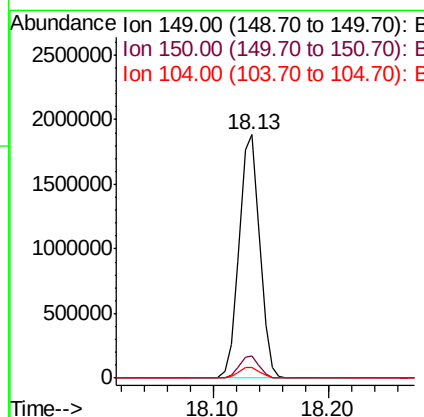
Manual Integrations
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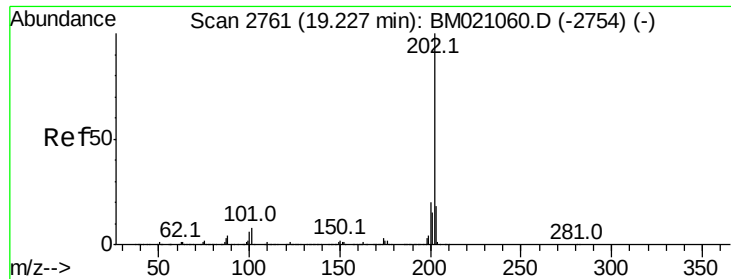
mohammad
 6/25/2019 3:23:00 PM



#74
 Di-n-butylphthalate
 Concen: 20.724 ng
 RT: 18.13 min Scan# 2575
 Delta R.T. 0.00 min
 Lab File: BM021081.D
 Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	4.6	3.8	5.8





#75

Fluoranthene

Concen: 20.867 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

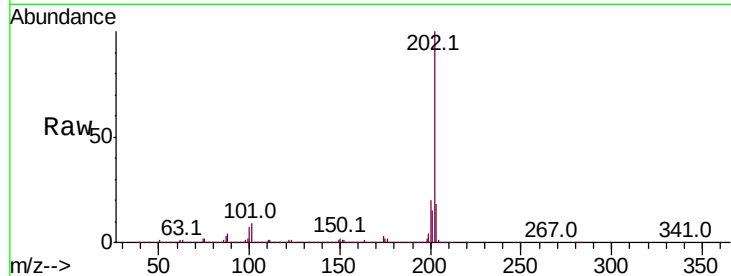
ClientSampleId :

SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.2
203	17.6	0.0	37.6

Manual Integrations
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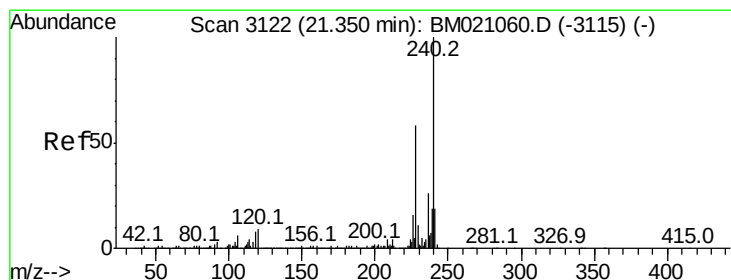
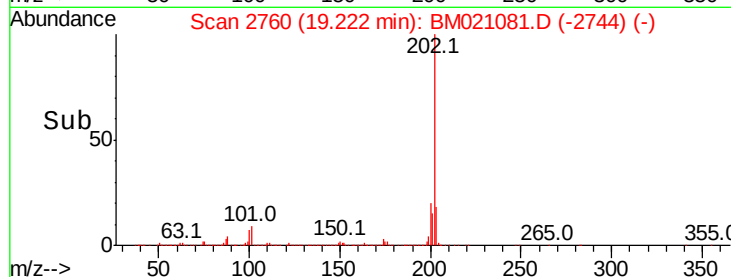
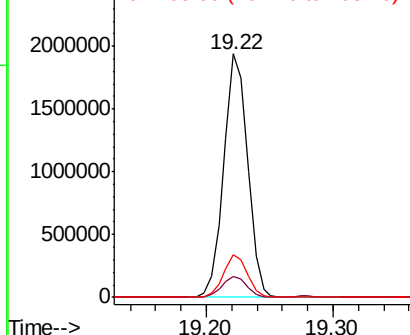


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.35 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

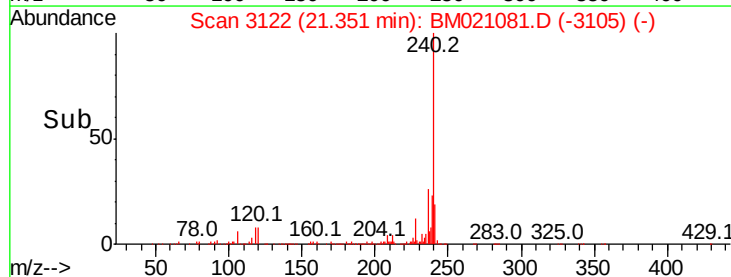
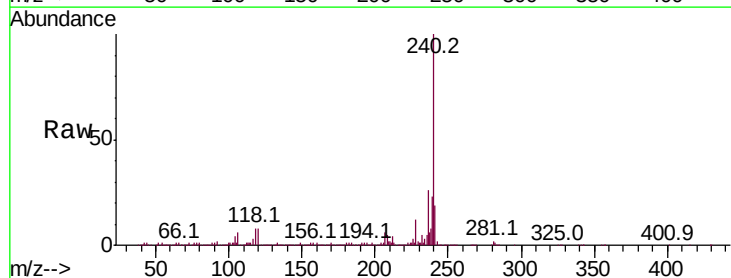
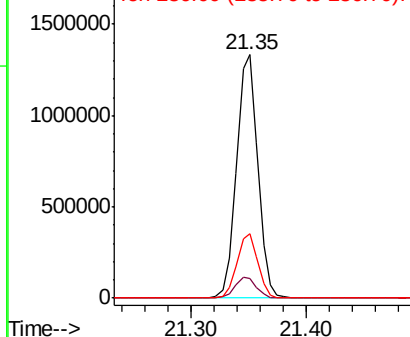
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.9	10.3
236	26.3	20.4	30.6

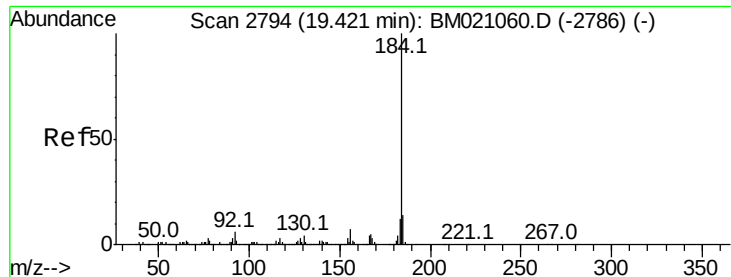
Abundance

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: 24.850 ng

RT: 19.42 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611MS

Tot Ion:184 Resp: 1218779

Ion Ratio Lower Upper

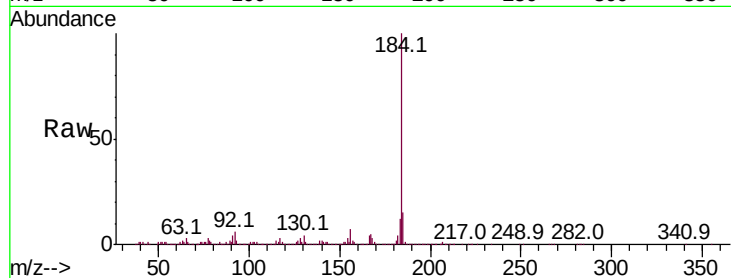
184 100

185 14.6 11.4 17.2

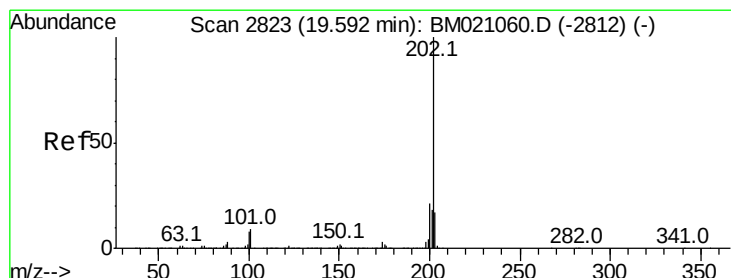
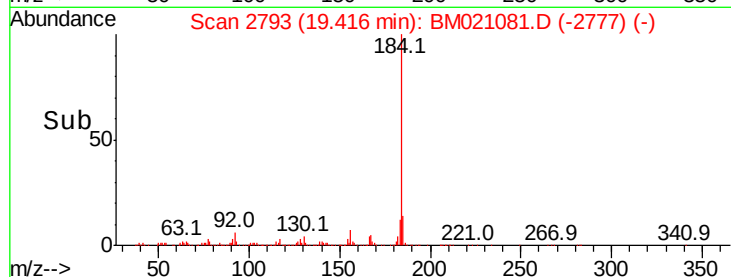
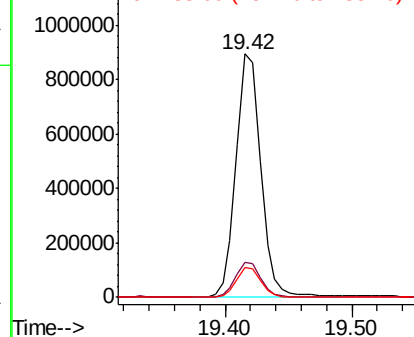
183 12.4 9.6 14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
1200000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 20.628 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

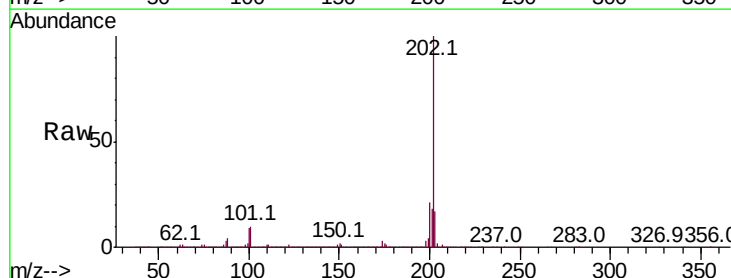
Tgt Ion:202 Resp: 2526761

Ion Ratio Lower Upper

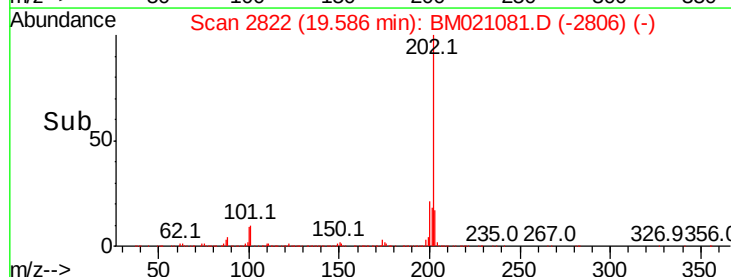
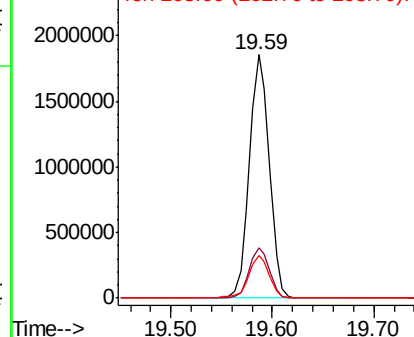
202 100

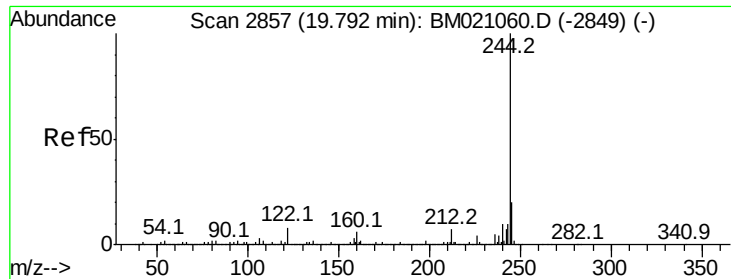
200 20.9 17.0 25.4

203 17.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
2500000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 48.953 ng

RT: 19.79 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611MS

Tot Ion:244 Resp: 4426834

Ion Ratio Lower Upper

244 100

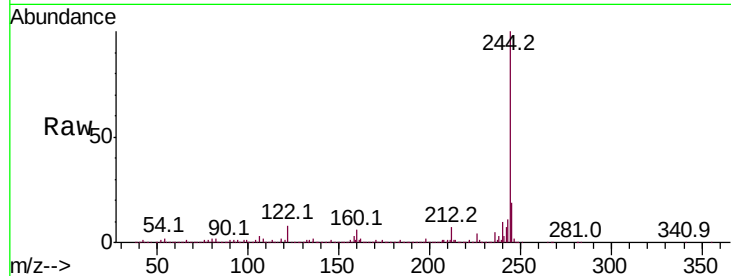
212 6.6 5.3 7.9

122 7.8 6.6 9.8

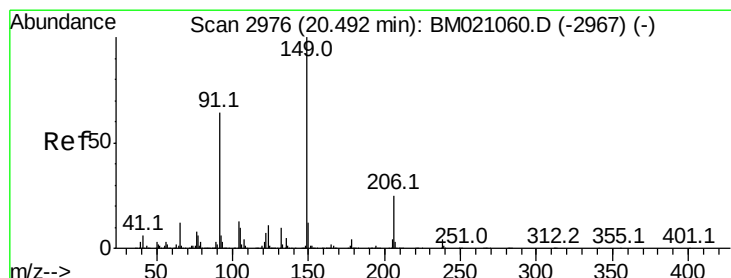
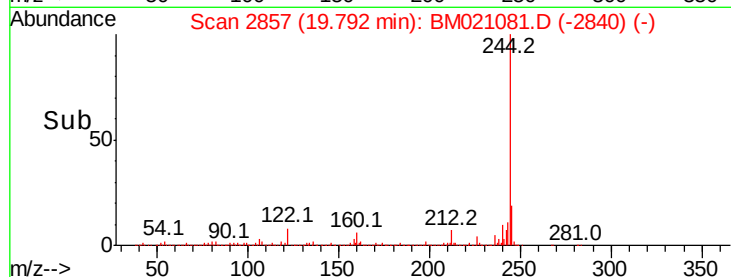
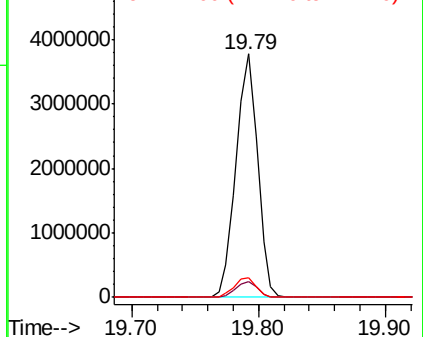
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 20.963 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

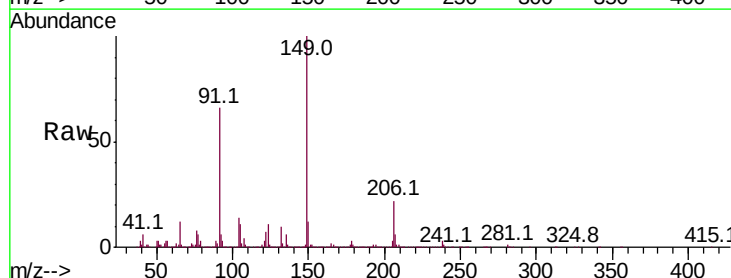
Tgt Ion:149 Resp: 1023497

Ion Ratio Lower Upper

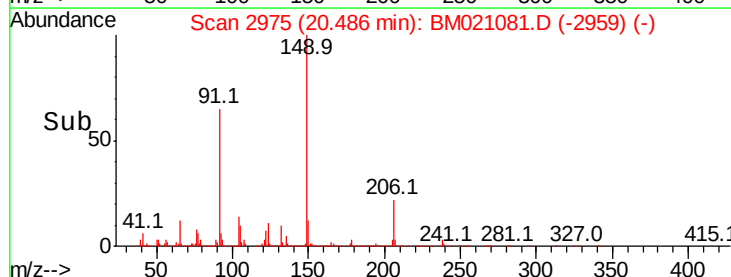
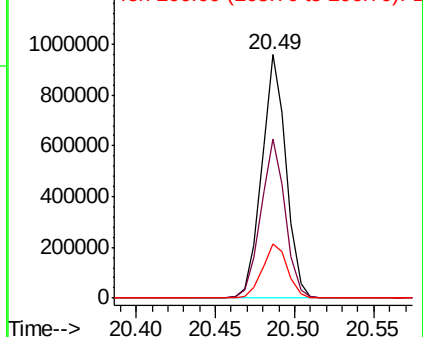
149 100

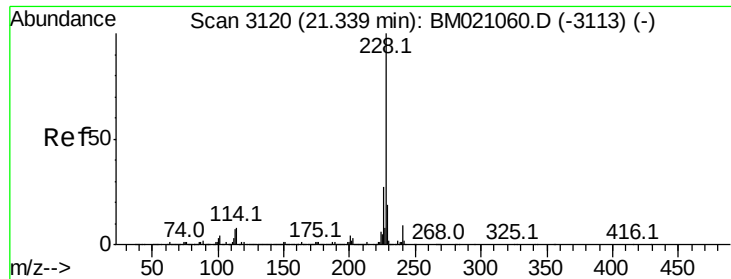
91 65.6 50.9 76.3

206 22.4 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





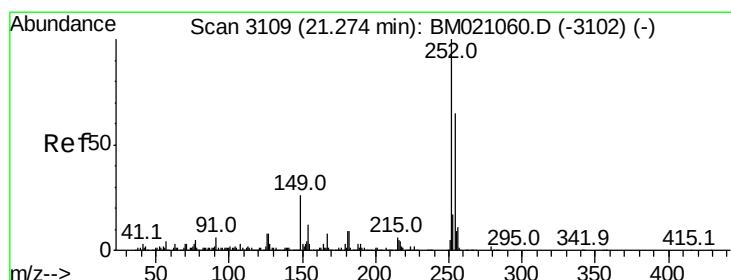
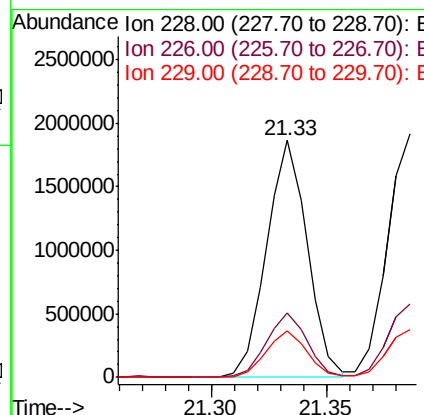
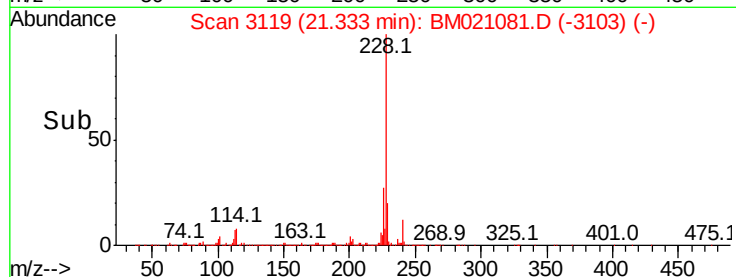
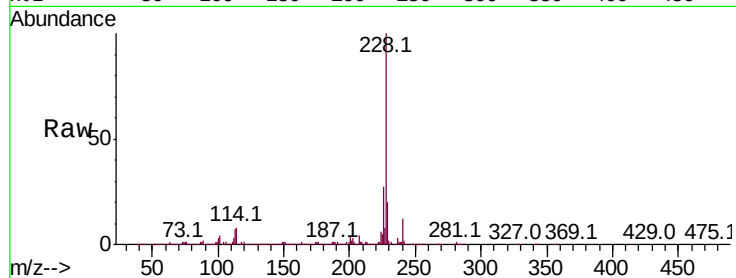
#81
Benzo(a)anthracene
Concen: 19.732 ng
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.6	32.4
229	19.9	15.5	23.3

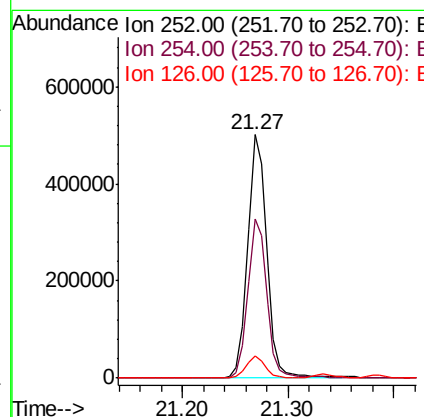
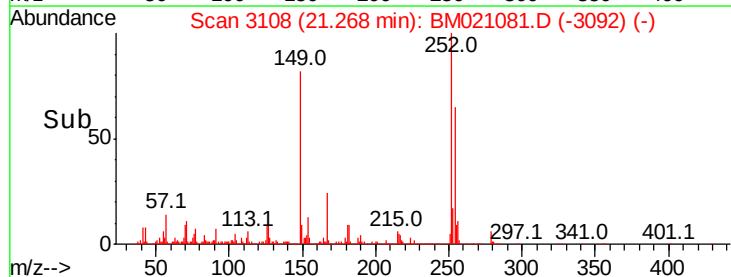
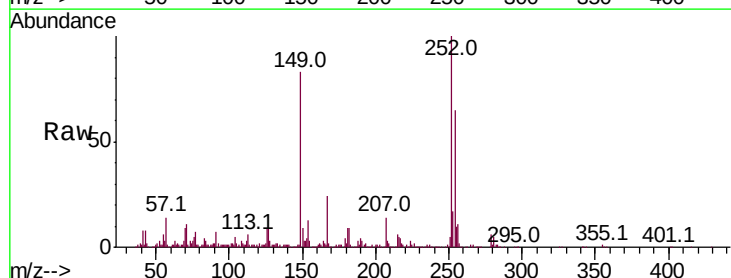
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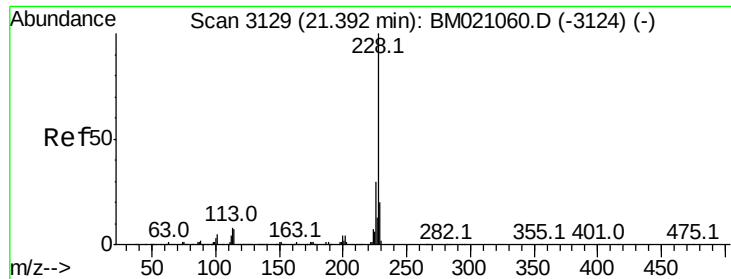
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#82
3,3'-Dichlorobenzidine
Concen: 14.339 ng
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.7	77.5
126	9.0	6.6	9.8





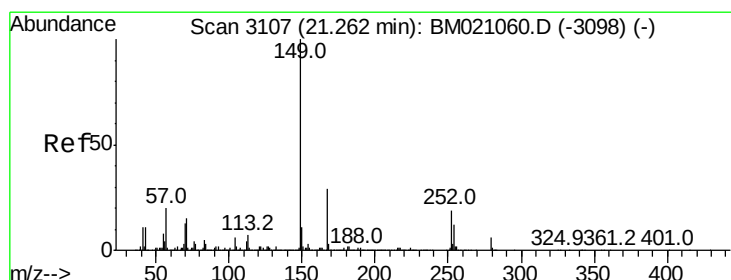
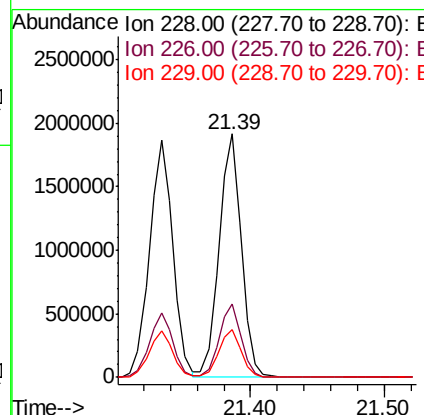
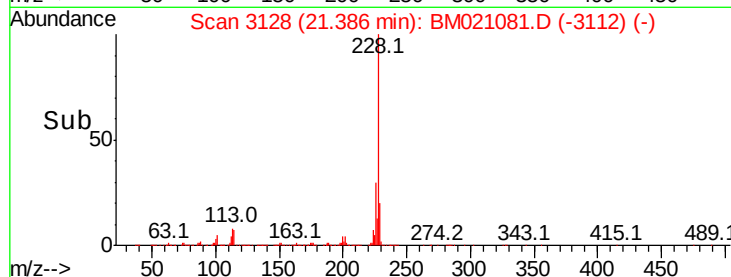
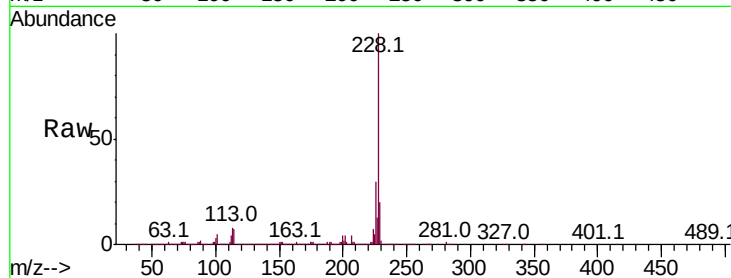
#83
Chrysene
Concen: 20.460 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion:228 Resp: 2243993
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.7 15.6 23.4

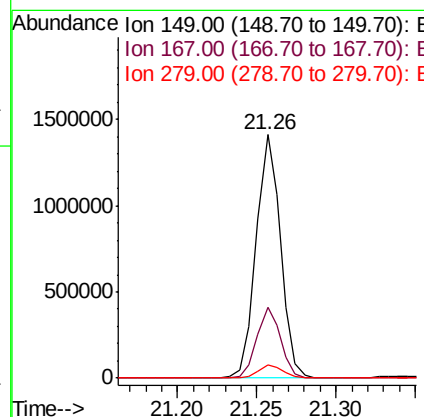
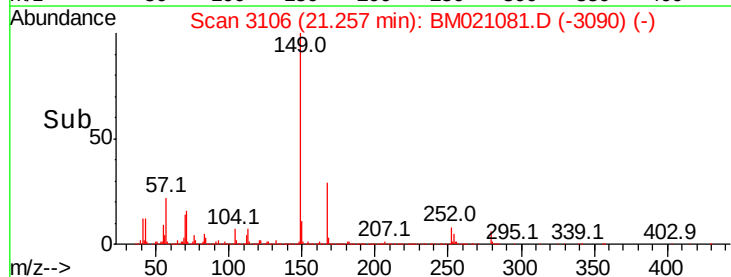
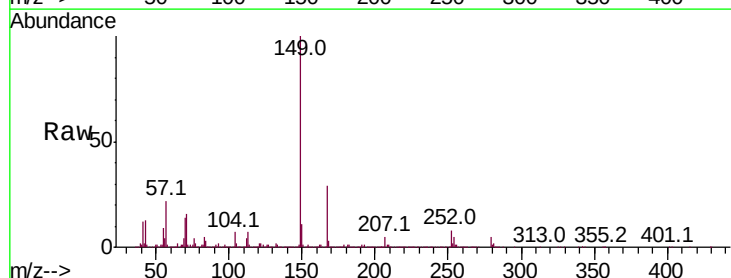
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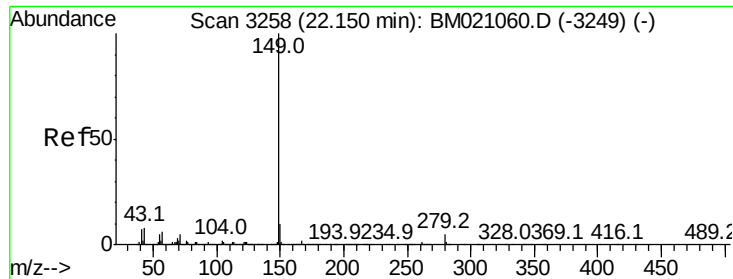
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#84
Bis(2-ethylhexyl)phthalate
Concen: 21.691 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion:149 Resp: 1507251
Ion Ratio Lower Upper
149 100
167 28.9 23.0 34.4
279 5.5 4.6 7.0





#85

Di-n-octyl phthalate

Concen: 21.925 ng

RT: 22.15 min Scan# 3258

Delta R.T. 0.00 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611MS

Tot Ion:149 Resp: 2395957

Ion Ratio Lower Upper

149 100

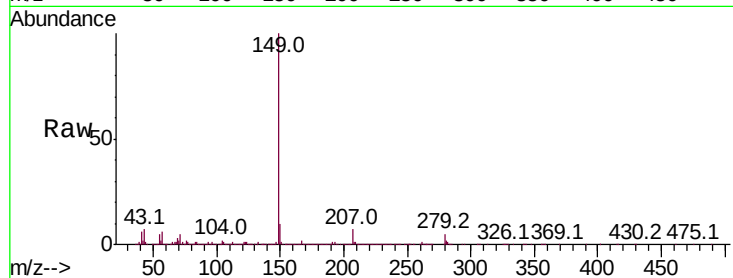
167 1.6 1.3 1.9

43 7.6 6.2 9.2

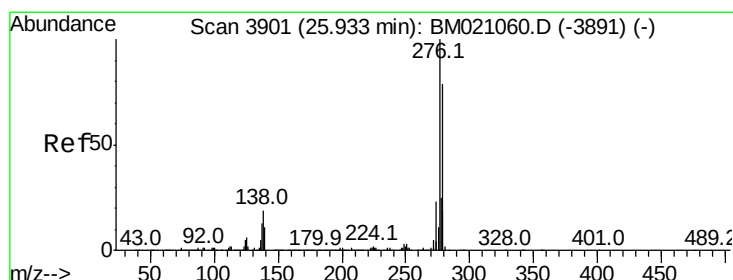
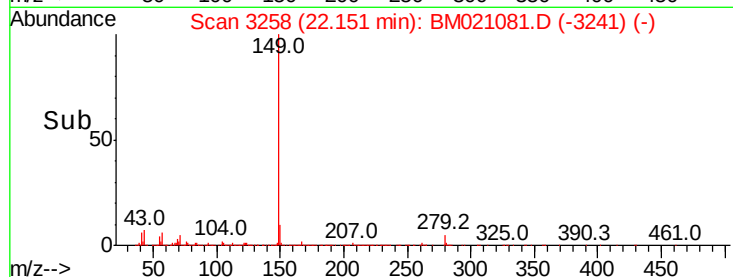
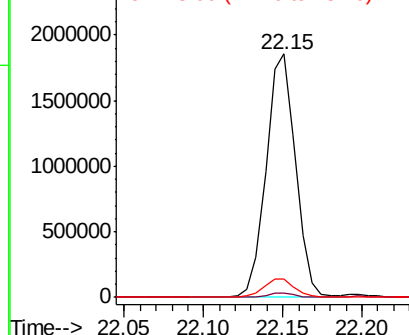
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 19.389 ng

RT: 25.92 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

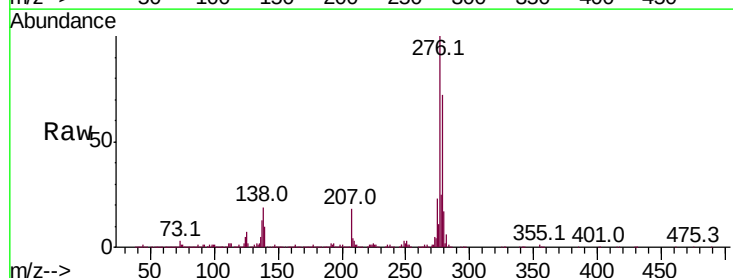
Tgt Ion:276 Resp: 2353093

Ion Ratio Lower Upper

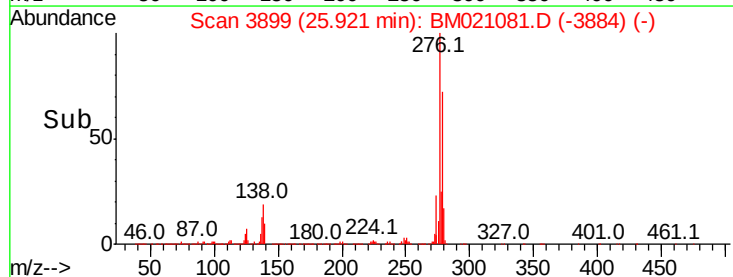
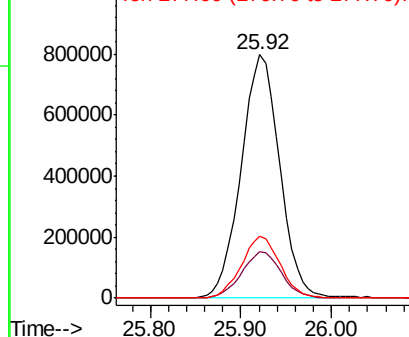
276 100

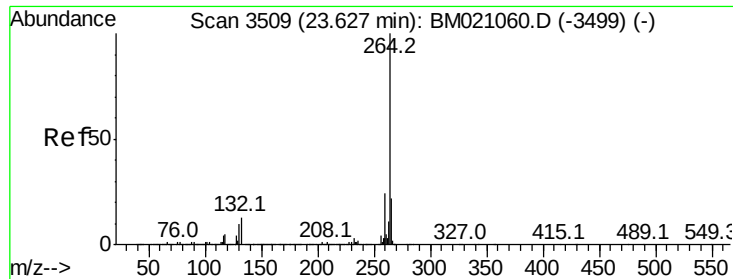
138 19.4 15.4 23.0

277 25.5 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: 23.62 min Scan# 3508

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

Instrument :

BNA_M

ClientSampleId :

SS043MW010-190611MS

Tot Ion:264 Resp: 1655656

Ion Ratio Lower Upper

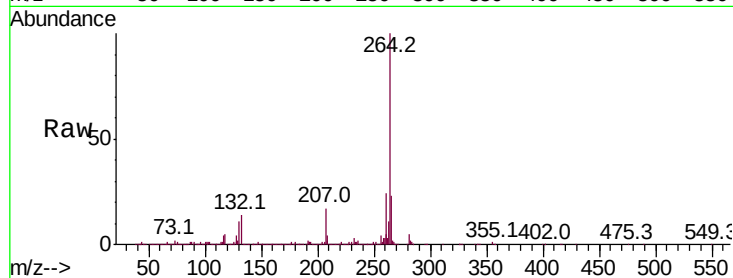
264 100

260 23.7 19.0 28.4

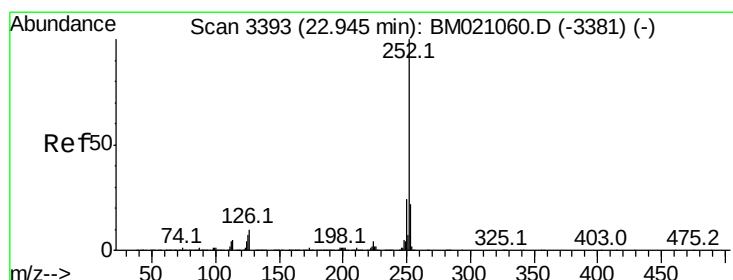
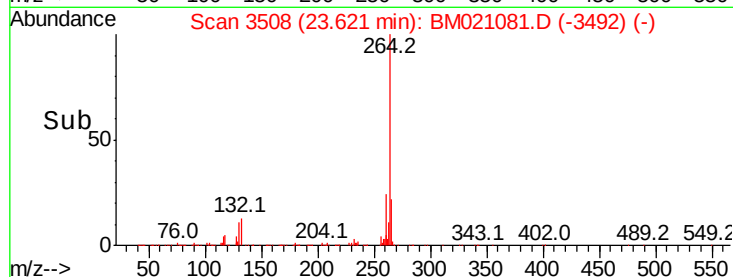
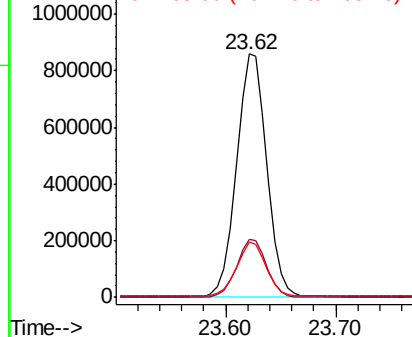
265 22.6 17.7 26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 20.397 ng

RT: 22.94 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM021081.D

Acq: 21 Jun 2019 13:46

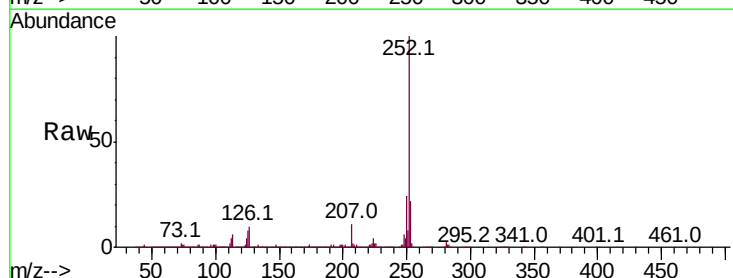
Tgt Ion:252 Resp: 2278262

Ion Ratio Lower Upper

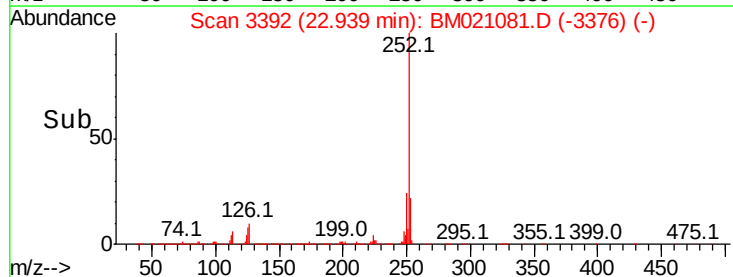
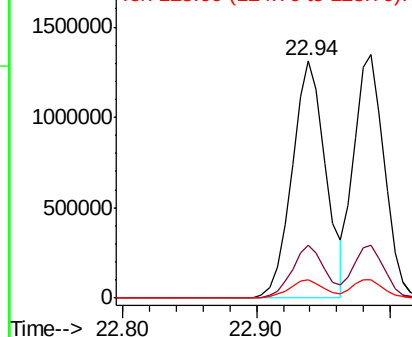
252 100

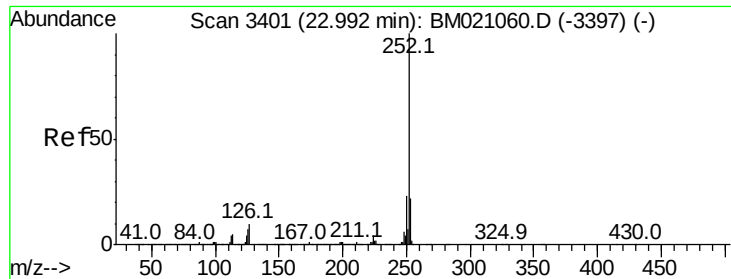
253 22.1 17.4 26.0

125 7.7 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





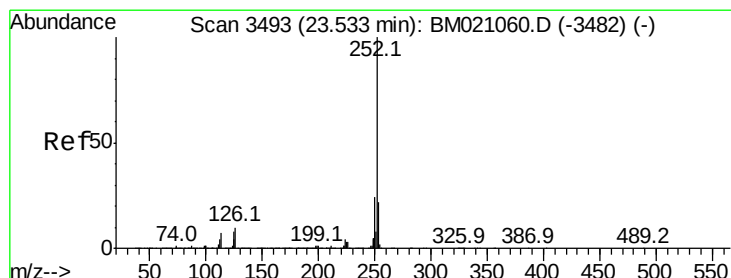
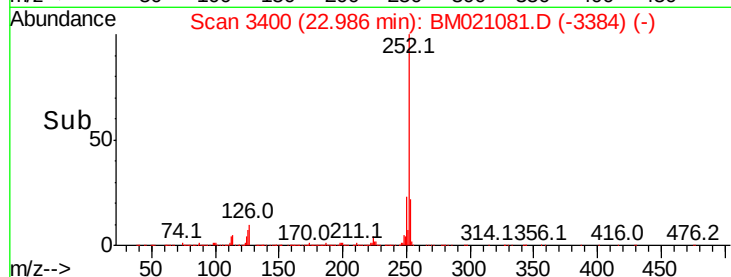
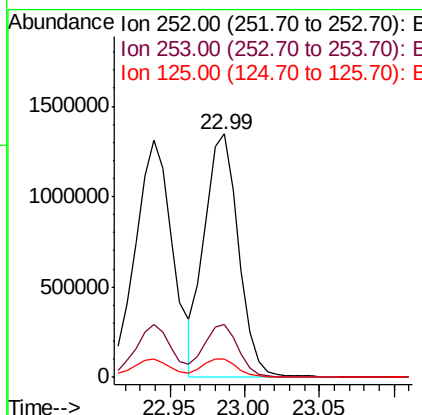
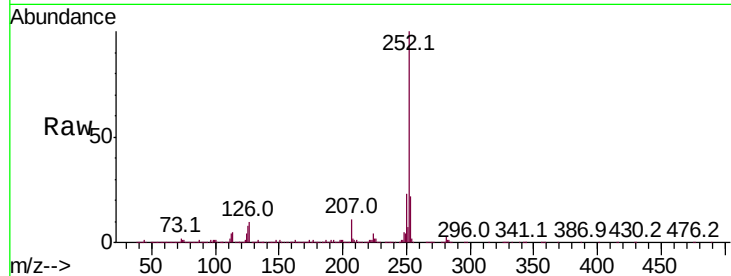
#89
Benzo(k)fluoranthene
Concen: 19.652 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion:252 Resp: 2121899
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 7.5 5.9 8.9

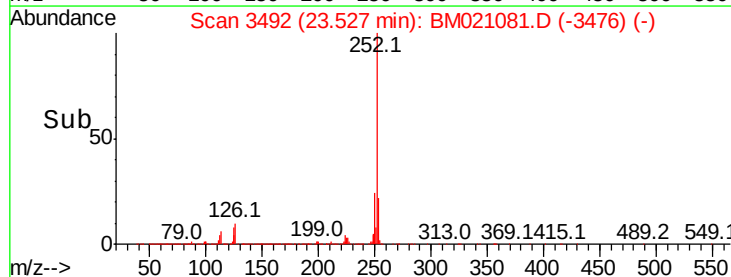
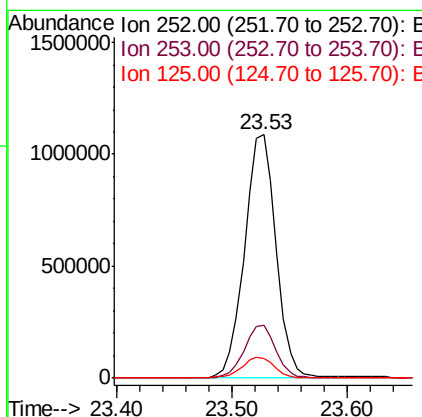
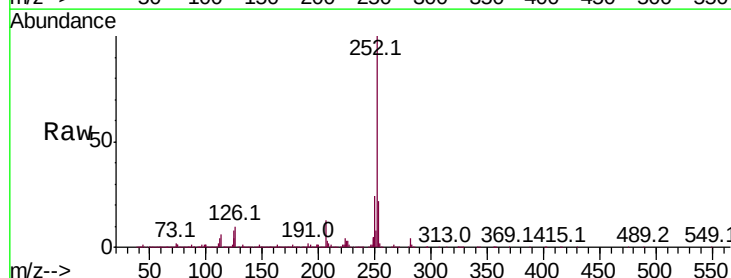
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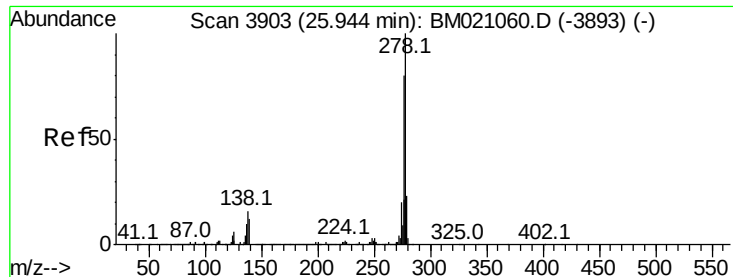
mohammad
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#90
Benzo(a)pyrene
Concen: 20.420 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion:252 Resp: 2058054
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.0 6.6 10.0





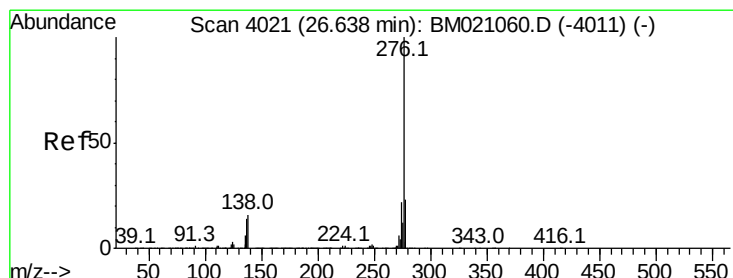
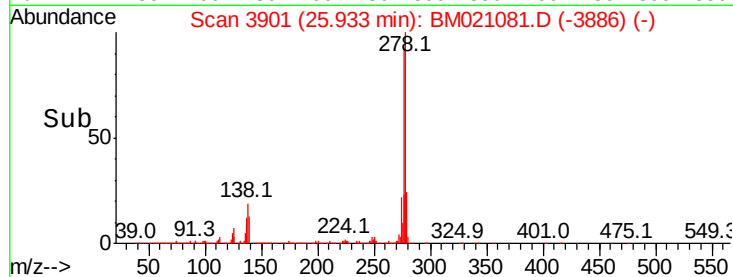
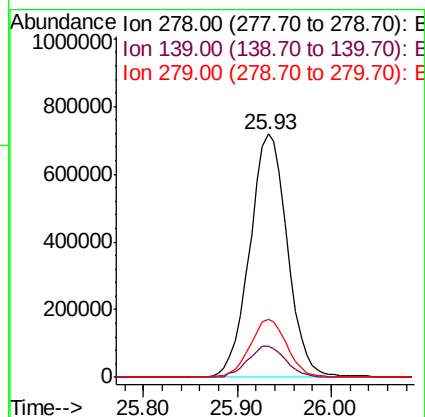
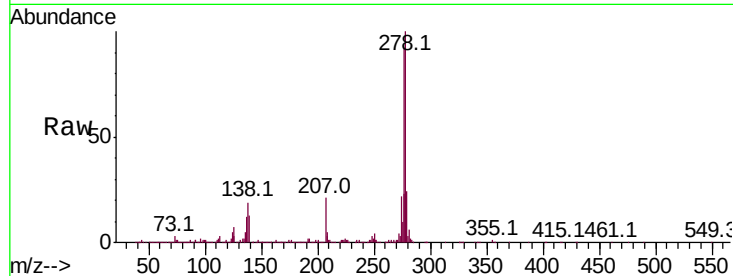
#91
Dibenzo(a,h)anthracene
Concen: 19.764 ng
RT: 25.93 min Scan# 3901
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.7	9.8	14.8
279	23.7	18.7	28.1

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#92
Benzo(g,h,i)perylene
Concen: 20.389 ng
RT: 26.63 min Scan# 4019
Delta R.T. -0.01 min
Lab File: BM021081.D
Acq: 21 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	16.6	13.1	19.7

