

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020243.D
 Acq On : 10 May 2019 15:51
 Operator : JU/SJ
 Sample : K2555-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:25:09 AM

Quant Time: May 11 02:06:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	67961	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	293546	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	200770	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	515421	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	589024	20.00	ng	0.00
87) Perylene-d12	23.65	264	642797	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	222532	53.52	ng	-0.01
7) Phenol-d6	6.94	99	211128	37.17	ng	-0.01
23) Nitrobenzene-d5	8.95	82	656490	88.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	391936	125.77	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1439928	88.24	ng	-0.02
79) Terphenyl-d14	19.80	244	3100944	91.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	30824	15.116	ng	97
3) Pyridine	3.70	79	57088	10.947	ng	96
4) n-Nitrosodimethylamine	3.62	42	27617	16.514	ng	# 74
6) Aniline	7.11	93	123605	17.287	ng	99
8) 2-Chlorophenol	7.34	128	144495	31.918	ng	96
9) Benzaldehyde	6.93	77	29419	6.843	ng	96
10) Phenol	6.97	94	79726	13.038	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	218010	49.054	ng	96
12) 1,3-Dichlorobenzene	7.66	146	200433	38.053	ng	96
13) 1,4-Dichlorobenzene	7.81	146	204430	38.420	ng	96
14) 1,2-Dichlorobenzene	8.12	146	204520	40.344	ng	98
15) Benzyl Alcohol	8.02	79	162134	29.603	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	172275	46.748	ng	99
17) 2-Methylphenol	8.22	107	114855	29.179	ng	95
18) Hexachloroethane	8.84	117	77863	35.095	ng	99
19) n-Nitroso-di-n-propylamine	8.58	70	239871	49.361	ng	95
20) 3+4-Methylphenols	8.55	107	140656	26.887	ng	95
22) Acetophenone	8.60	105	376233	46.896	ng	# 96
24) Nitrobenzene	8.99	77	330214	42.834	ng	96
25) Isophorone	9.50	82	628431	49.012	ng	99
26) 2-Nitrophenol	9.69	139	96958	41.659	ng	95
27) 2,4-Dimethylphenol	9.75	122	157625	40.680	ng	96
28) bis(2-Chloroethoxy)methane	9.99	93	333257	47.722	ng	100
29) 2,4-Dichlorophenol	10.22	162	183692	37.596	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	248577	41.347	ng	98
31) Naphthalene	10.62	128	671997	44.114	ng	99
32) Benzoic acid	9.84	122	39204	18.872	ng	# 85
33) 4-Chloroaniline	10.74	127	143726	22.924	ng	96
34) Hexachlorobutadiene	10.88	225	148643	34.951	ng	99
35) Caprolactam	11.55	113	13184m	9.024	ng	
36) 4-Chloro-3-methylphenol	11.86	107	202295	35.232	ng	95
37) 2-Methylnaphthalene	12.23	142	551836	49.690	ng	97
38) 1-Methylnaphthalene	12.46	142	533721	49.147	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	339539	43.226	ng	99

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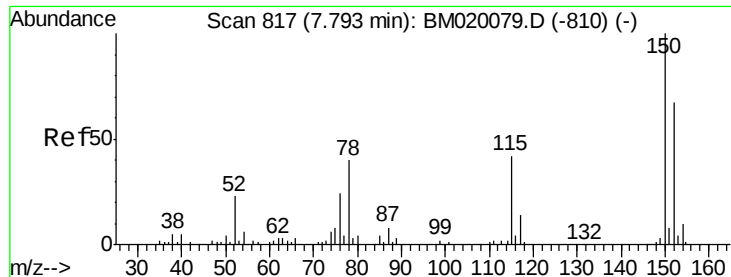
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	319542	69.090	ng	98
43) 2,4,6-Trichlorophenol	12.84	196	181720	40.707	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	192377	38.575	ng	# 98
46) 1,1'-Biphenyl	13.25	154	770946	46.652	ng	99
47) 2-Chloronaphthalene	13.29	162	610482	46.269	ng	99
48) 2-Nitroaniline	13.51	65	225527	48.012	ng	93
49) Acenaphthylene	14.14	152	971390	46.003	ng	100
50) Dimethylphthalate	13.89	163	839821	49.216	ng	99
51) 2,6-Dinitrotoluene	14.01	165	182540	50.790	ng	91
52) Acenaphthene	14.49	154	586833	48.463	ng	99
53) 3-Nitroaniline	14.34	138	111771	33.508	ng	96
54) 2,4-Dinitrophenol	14.55	184	170950	93.376	ng	92
55) Dibenzofuran	14.82	168	991812	48.559	ng	96
56) 4-Nitrophenol	14.65	139	82271	28.907	ng	88
57) 2,4-Dinitrotoluene	14.80	165	263466	53.949	ng	92
58) Fluorene	15.47	166	825650	49.220	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	191743	40.459	ng	97
60) Diethylphthalate	15.24	149	837007	48.687	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	461189	48.523	ng	96
62) 4-Nitroaniline	15.51	138	169457	46.033	ng	93
63) Azobenzene	15.76	77	924098	45.564	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	112124	43.844	ng	99
66) n-Nitrosodiphenylamine	15.69	169	730384	48.158	ng	98
67) 4-Bromophenyl-phenylether	16.36	248	294800	46.643	ng	96
68) Hexachlorobenzene	16.46	284	339524	46.682	ng	97
69) Atrazine	16.64	200	248110	41.861	ng	99
70) Pentachlorophenol	16.82	266	339636	81.616	ng	98
71) Phenanthrene	17.22	178	1372233	48.230	ng	100
72) Anthracene	17.30	178	1397509	49.127	ng	100
73) Carbazole	17.58	167	1272754	49.586	ng	98
74) Di-n-butylphthalate	18.13	149	1506542	48.771	ng	98
75) Fluoranthene	19.23	202	1799578	49.990	ng	100
77) Benzidine	19.42	184	274626	14.583	ng	99
78) Pyrene	19.60	202	1855676	46.924	ng	99
80) Butylbenzylphthalate	20.49	149	755606	52.541	ng	99
81) Benzo(a)anthracene	21.34	228	1916883	46.404	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	524380	33.260	ng	99
83) Chrysene	21.40	228	1922320	47.984	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1106248	49.573	ng	98
85) Di-n-octyl phthalate	22.15	149	1960464	52.857	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2187289	45.901	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2107208	49.643	ng	100
89) Benzo(k)fluoranthene	23.00	252	2073412	53.550	ng	99
90) Benzo(a)pyrene	23.55	252	1987846	51.558	ng	98
91) Dibenzo(a,h)anthracene	26.00	278	1912934	47.709	ng	100
92) Benzo(g,h,i)perylene	26.71	276	1714539	45.040	ng	99

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



#1

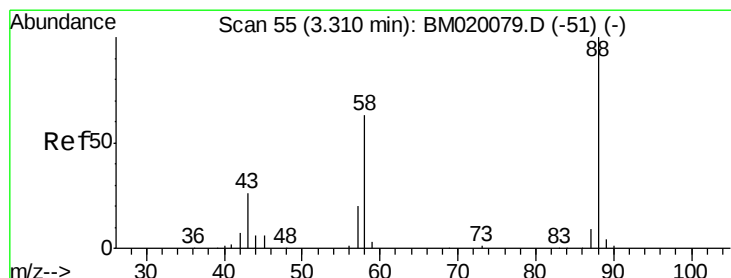
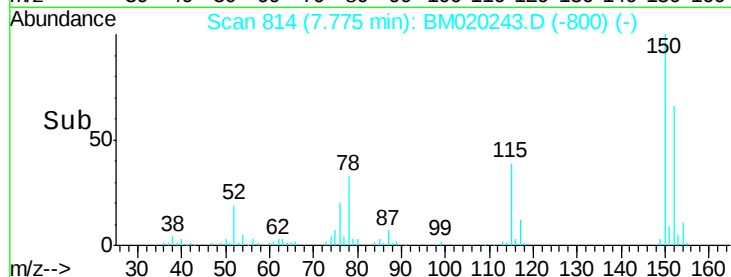
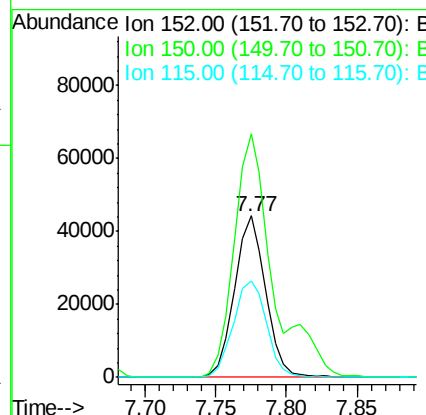
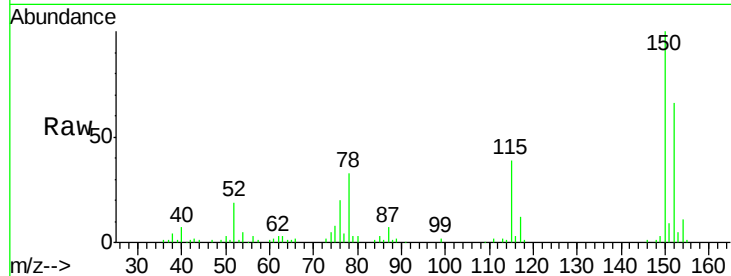
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampled :
HW-7MS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.8	179.8
115	59.5	50.8	76.2

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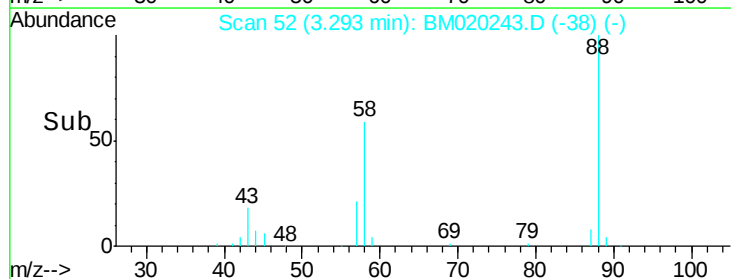
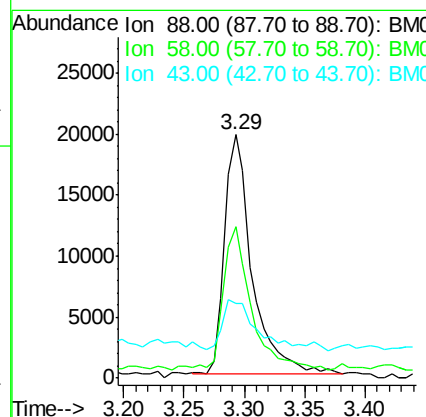
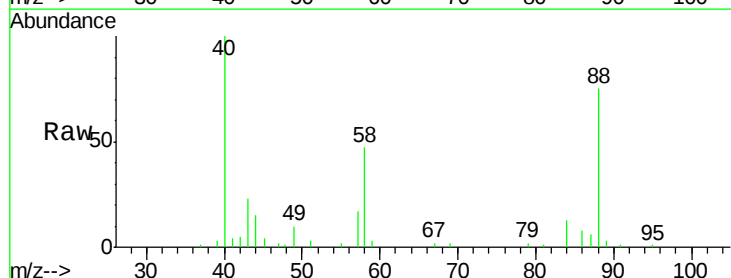
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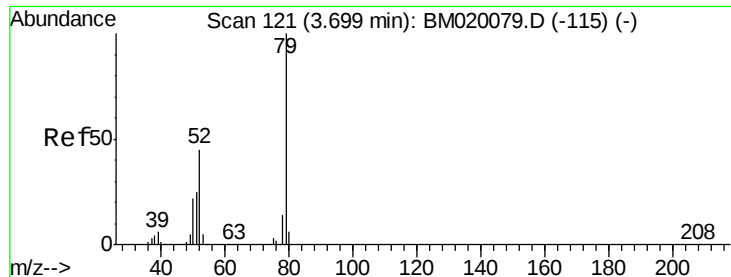


#2

1,4-Dioxane
Concen: 15.116 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	51.8	77.6
43	24.9	20.3	30.5





#3

Pyridine

Concen: 10.947 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

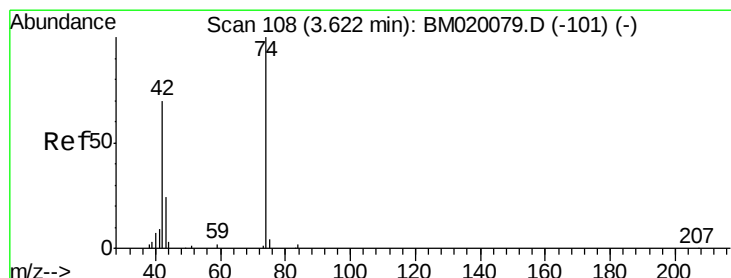
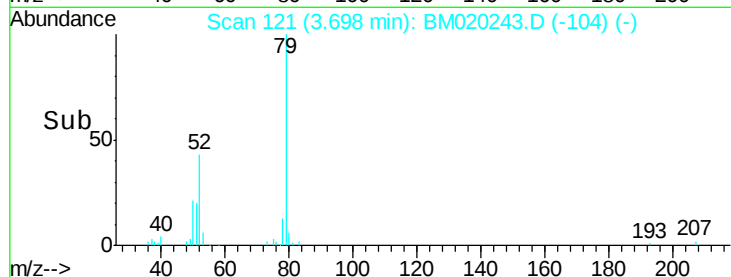
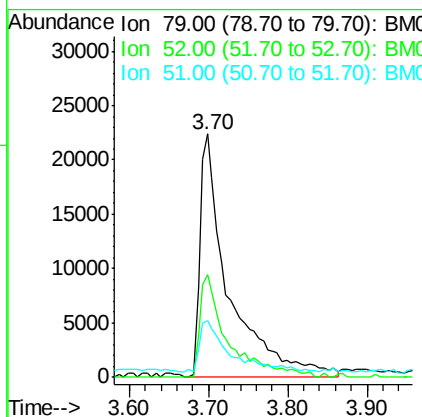
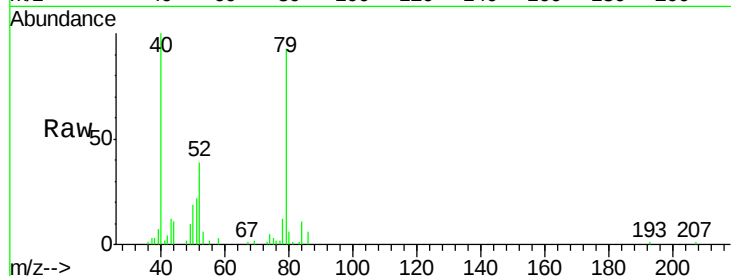
ClientSampleId :

HW-7MS

Tgt Ion:	79	Resp:	57088
Ion	Ratio	Lower	Upper
79	100		
52	42.2	35.7	53.5
51	23.2	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 16.514 ng

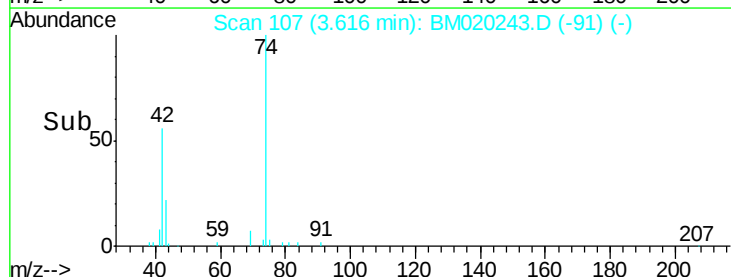
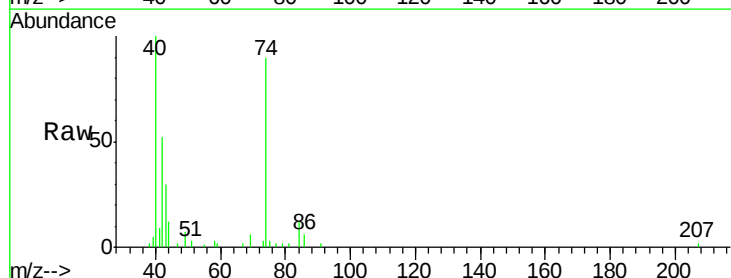
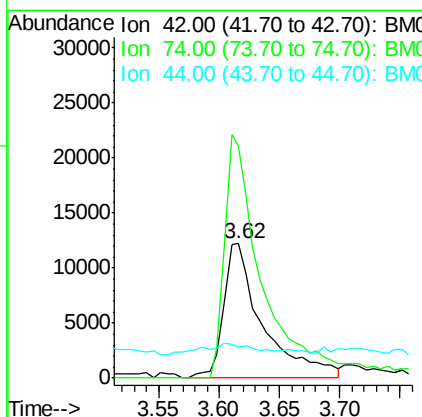
RT: 3.62 min Scan# 107

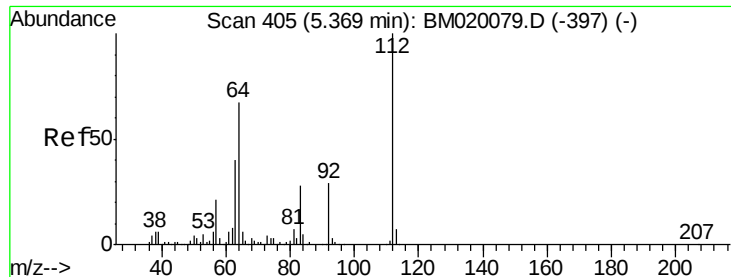
Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	42	Resp:	27617
Ion	Ratio	Lower	Upper
42	100		
74	172.9	113.7	170.5#
44	22.9	3.9	5.9#





#5

2-Fluorophenol

Concen: 53.523 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

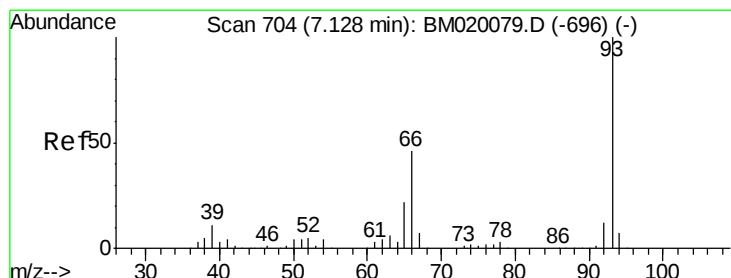
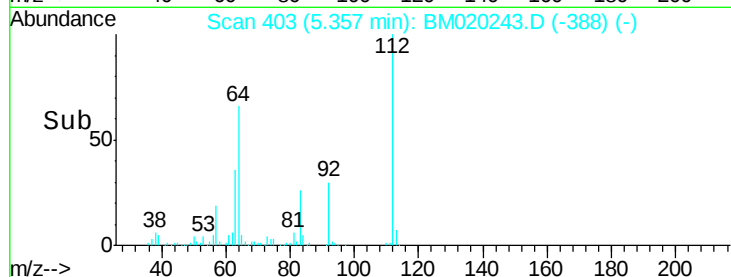
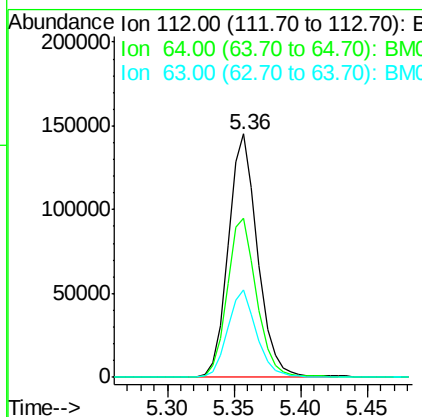
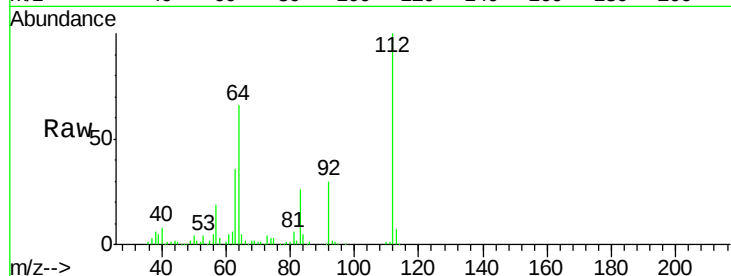
ClientSampleId :

HW-7MS

Tgt Ion:	112	Resp:	222532
Ion Ratio	Lower	Upper	
112	100		
64	65.5	53.8	80.6
63	35.9	32.3	48.5

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#6

Aniline

Concen: 17.287 ng

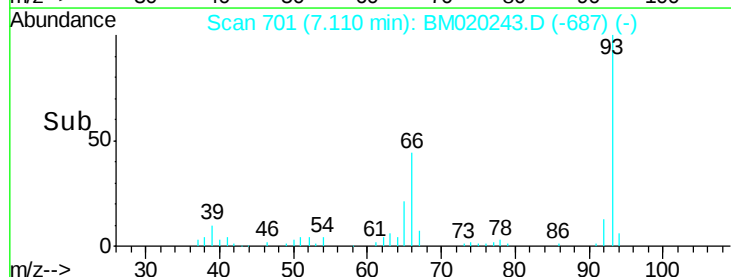
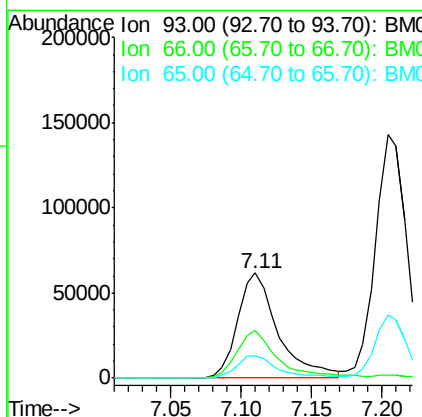
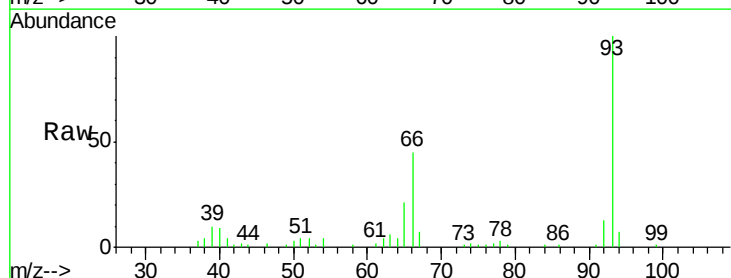
RT: 7.11 min Scan# 701

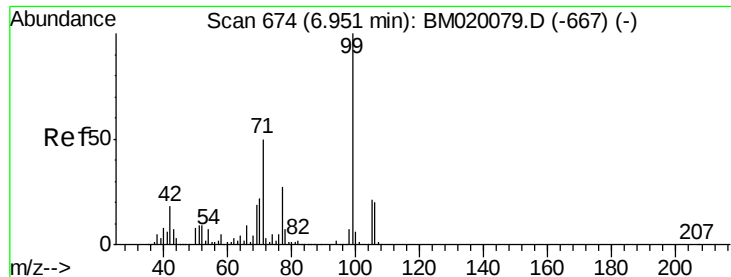
Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	93	Resp:	123605
Ion Ratio	Lower	Upper	
93	100		
66	45.0	36.6	54.8
65	21.4	17.8	26.6





#7

Phenol-d6

Concen: 37.171 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

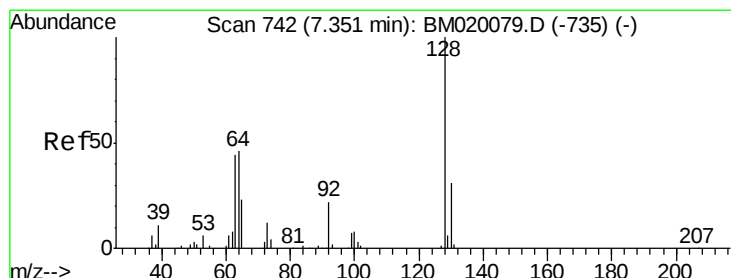
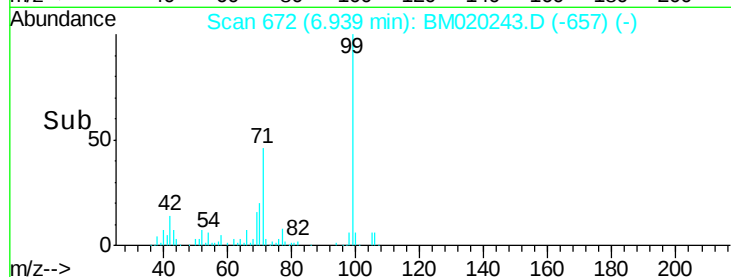
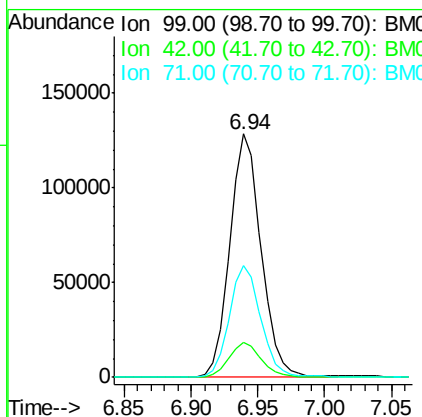
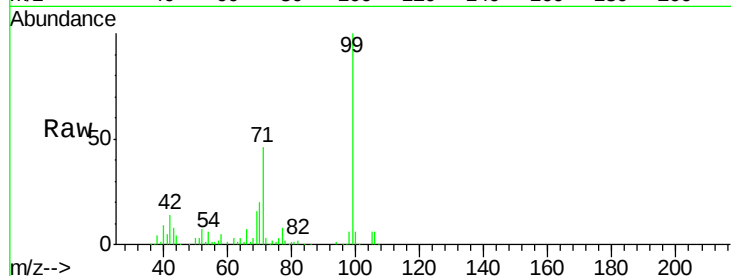
ClientSampleId :

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Tgt Ion:	99	Resp:	211128
Ion	Ratio	Lower	Upper
99	100		
42	14.4	14.2	21.2
71	46.0	40.3	60.5

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#8

2-Chlorophenol

Concen: 31.918 ng

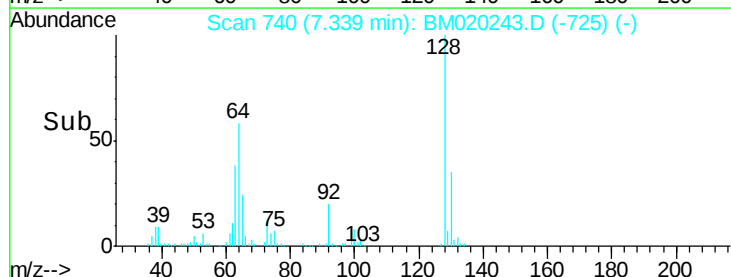
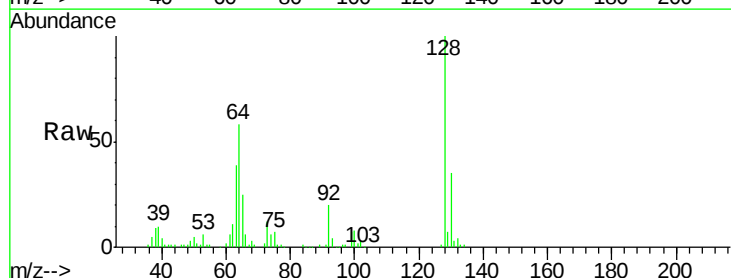
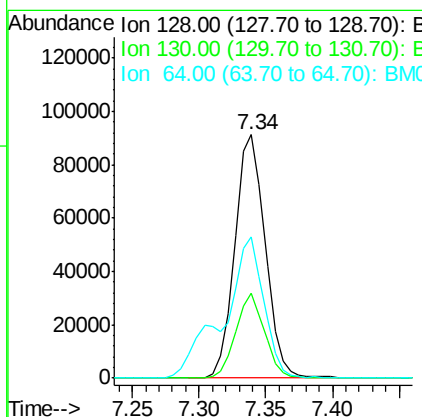
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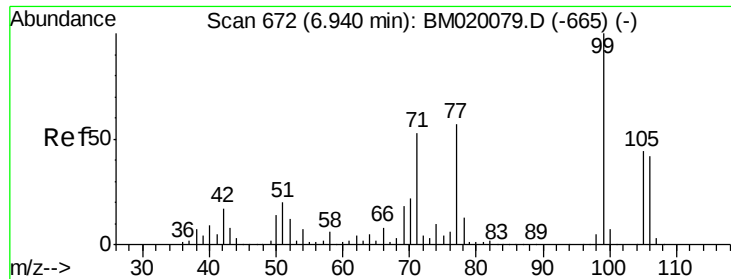
Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	128	Resp:	144495
Ion	Ratio	Lower	Upper
128	100		
130	34.7	10.8	50.8
64	58.0	36.5	76.5





#9

Benzaldehyde

Concen: 6.843 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020243.D

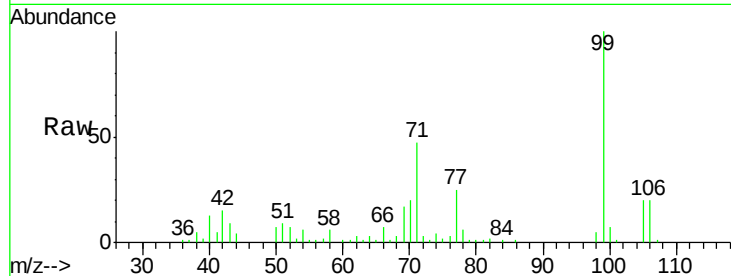
Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

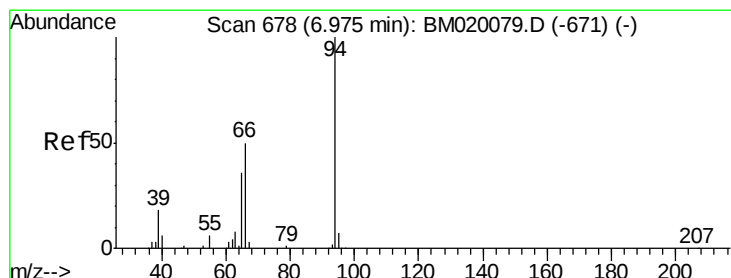
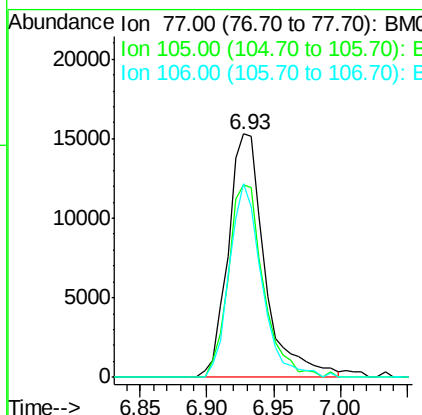
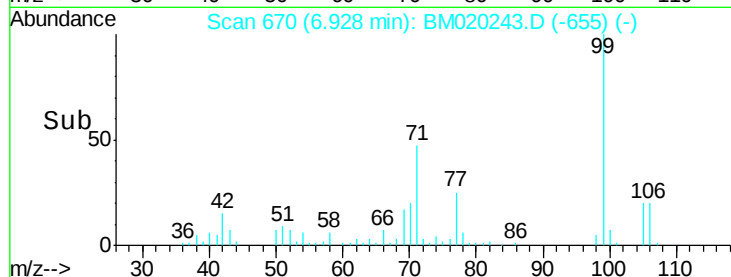
HW-7MS



Tgt Ion:	77	Resp:	29419
Ion	Ratio	Lower	Upper
77	100		
105	79.0	57.8	97.8
106	79.4	53.6	93.6

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#10

Phenol

Concen: 13.038 ng

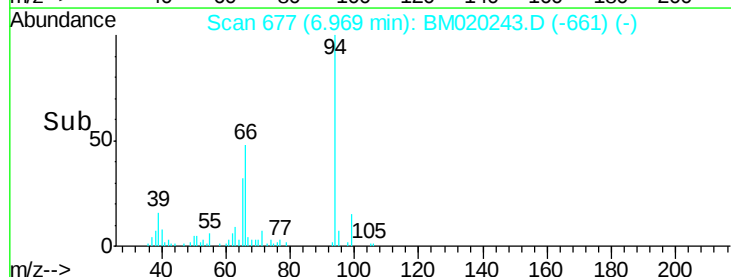
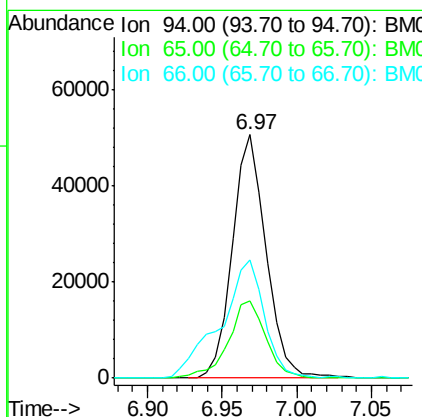
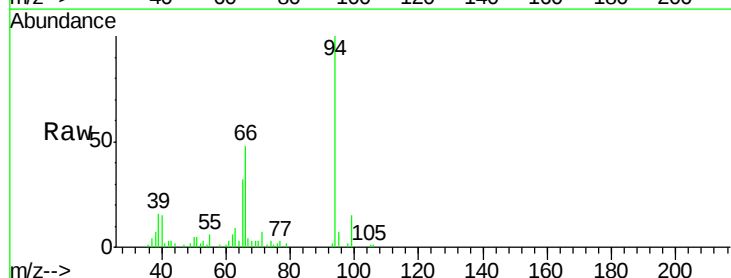
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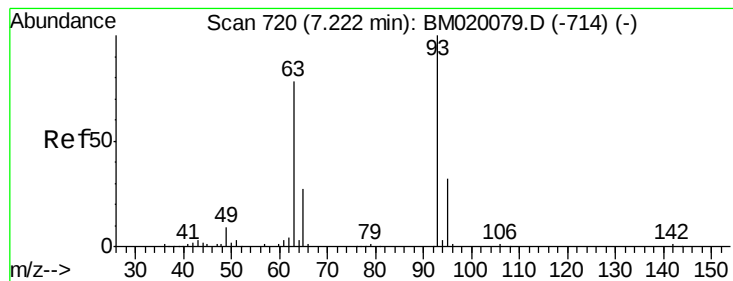
Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	94	Resp:	79726
Ion	Ratio	Lower	Upper
94	100		
65	31.6	17.0	57.0
66	48.4	34.5	74.5





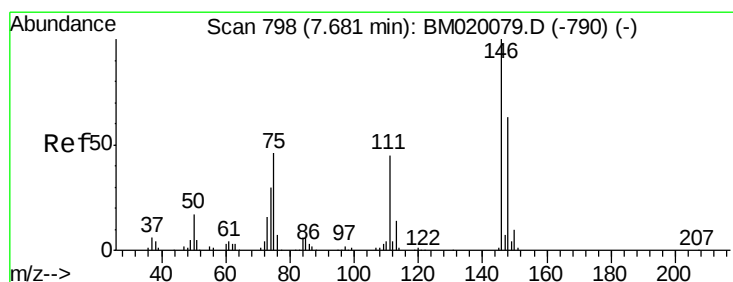
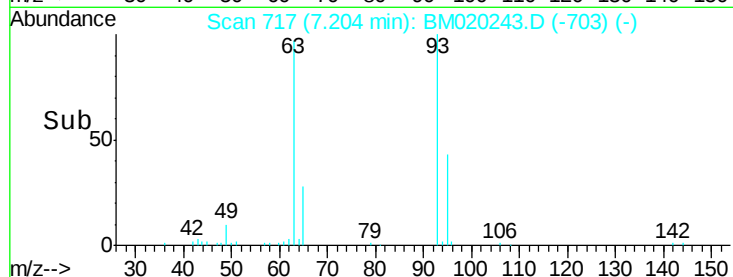
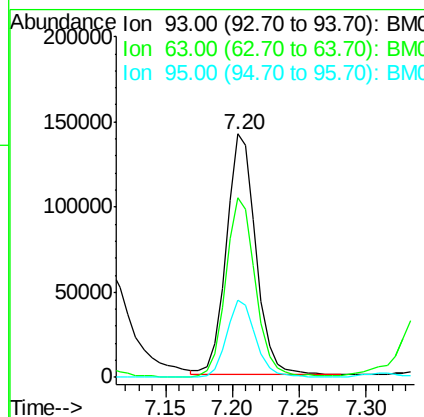
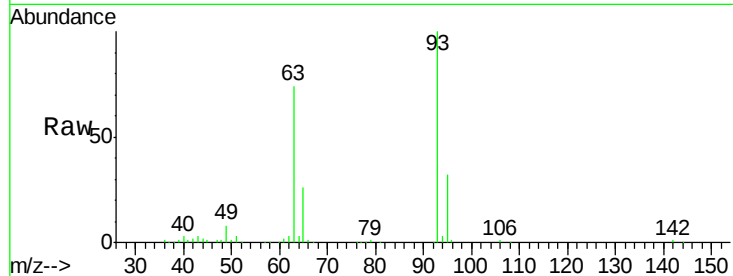
#11
bis(2-Chloroethyl)ether
Concen: 49.054 ng
RT: 7.20 min Scan# 717
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion:	93	Resp:	218010
Ion	Ratio	Lower	Upper
93	100		
63	73.5	57.9	97.9
95	31.9	11.3	51.3

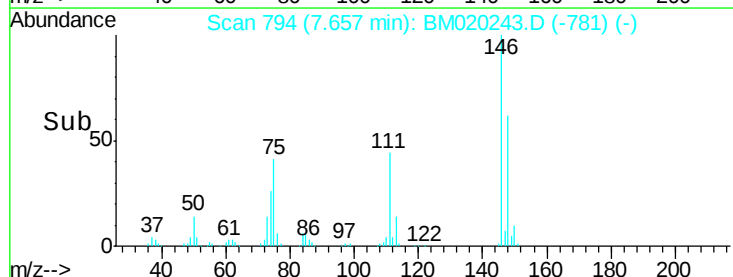
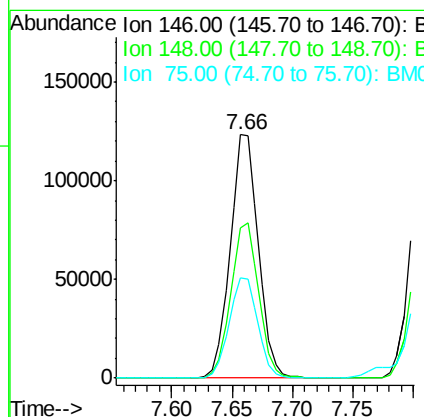
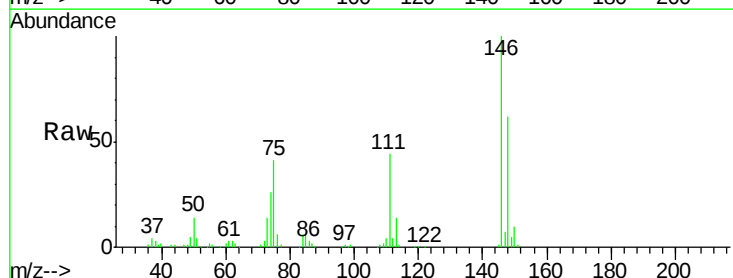
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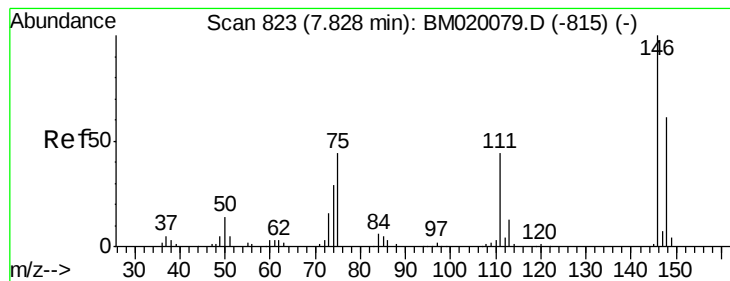
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.053 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:	146	Resp:	200433
Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.1	75.1
75	41.0	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 38.420 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

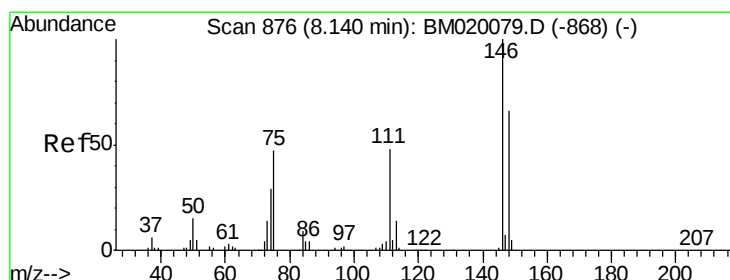
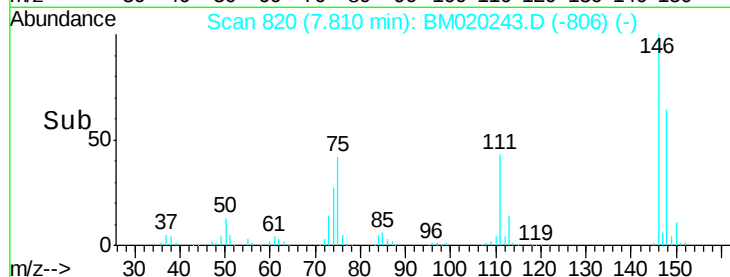
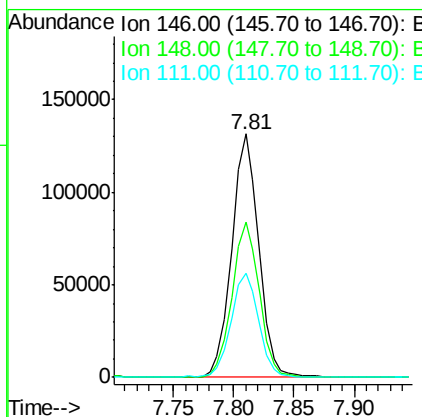
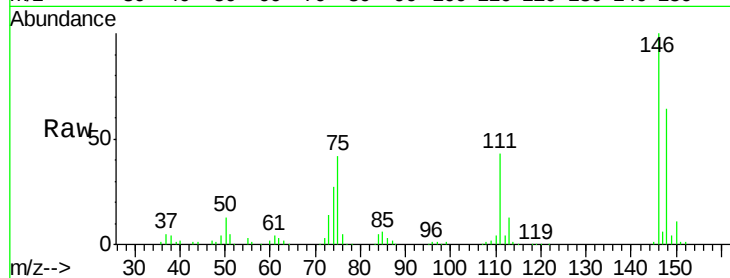
ClientSampled :

HW-7MS

Tgt Ion:	146	Resp:	204430
Ion Ratio	Lower	Upper	
146	100		
148	63.9	48.5	72.7
111	43.0	35.7	53.5

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#14

1,2-Dichlorobenzene

Concen: 40.344 ng

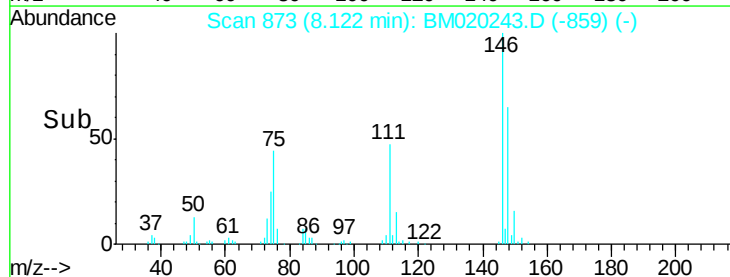
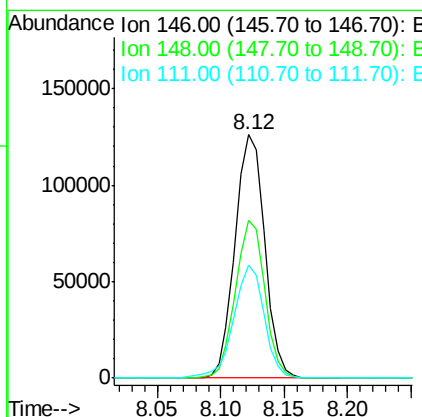
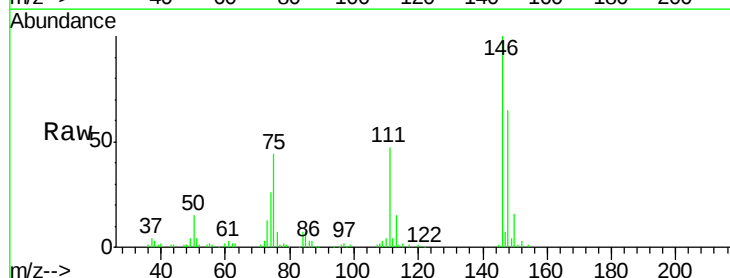
RT: 8.12 min Scan# 873

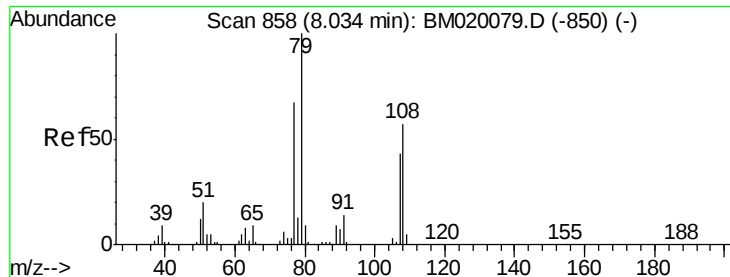
Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	146	Resp:	204520
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.6	79.0
111	46.5	39.0	58.4





#15

Benzyl Alcohol

Concen: 29.603 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

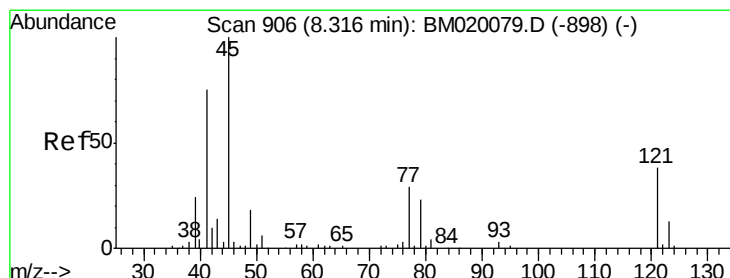
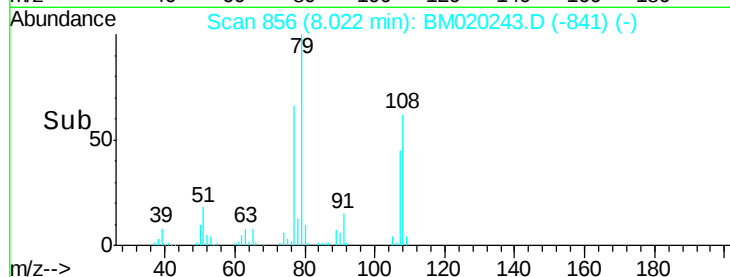
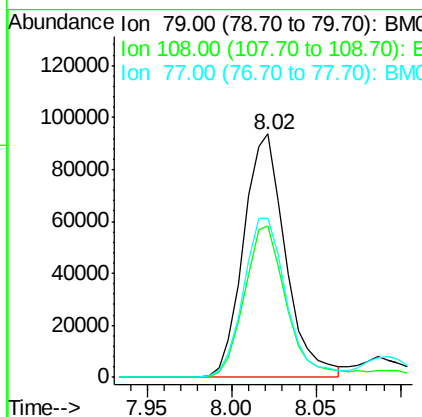
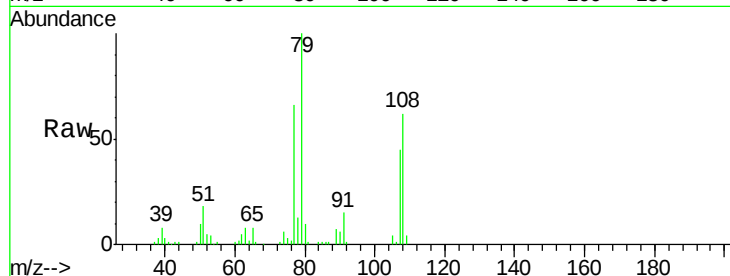
ClientSampleId :

HW-7MS

Tgt Ion:	79	Resp:	162134
Ion	Ratio	Lower	Upper
79	100		
108	62.3	46.0	69.0
77	65.6	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 46.748 ng

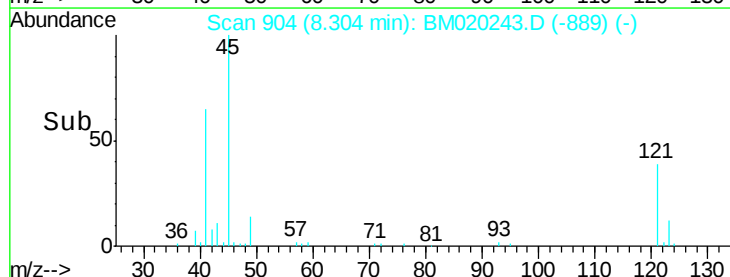
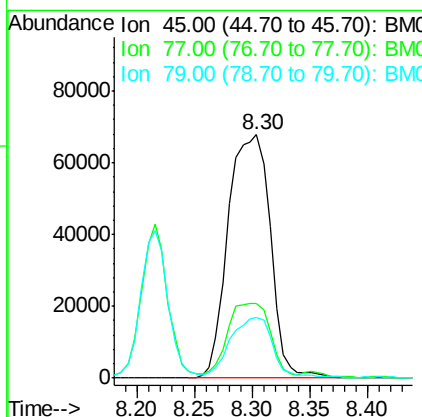
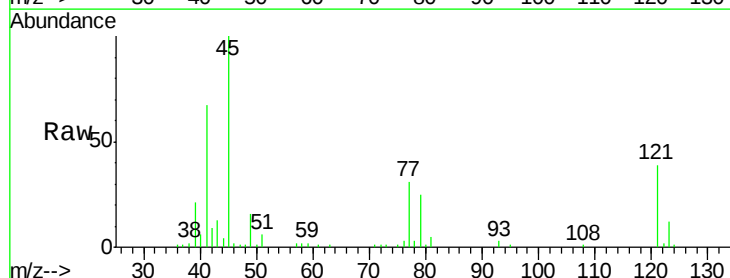
RT: 8.30 min Scan# 904

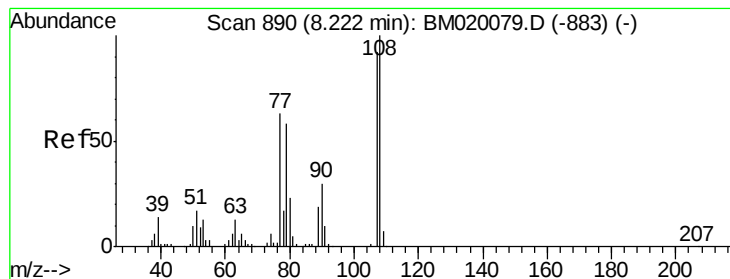
Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	45	Resp:	172275
Ion	Ratio	Lower	Upper
45	100		
77	30.6	10.5	50.5
79	24.8	3.3	43.3





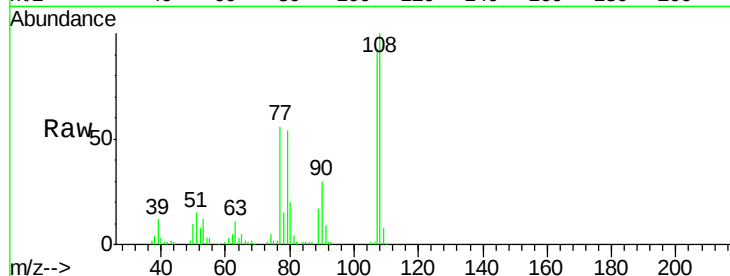
#17
2-Methylphenol
Concen: 29.179 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampled :
HW-7MS

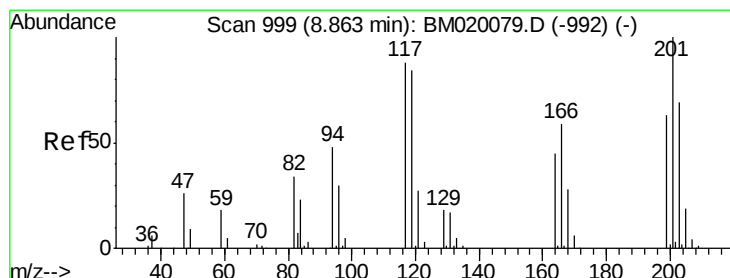
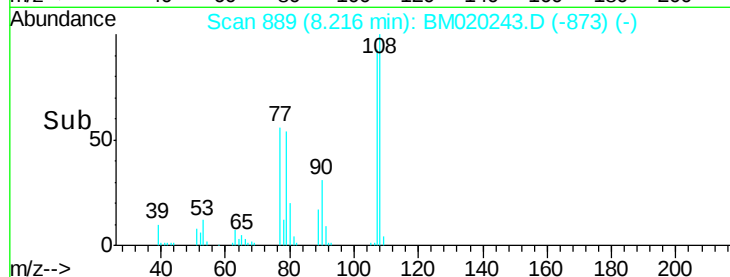
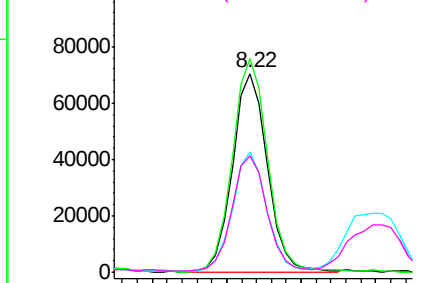
Tgt Ion:	107	Resp:	114855
Ion Ratio	Lower	Upper	
107	100		
108	107.5	87.0	130.4
77	60.7	54.7	82.1
79	58.4	50.1	75.1

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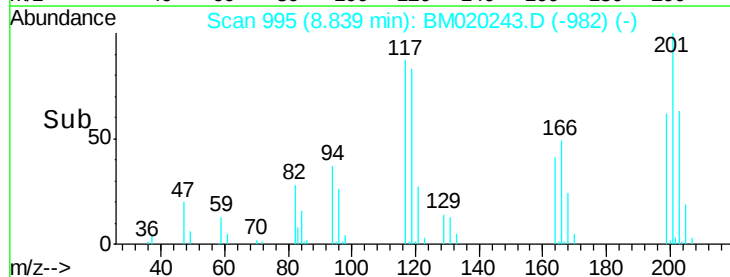
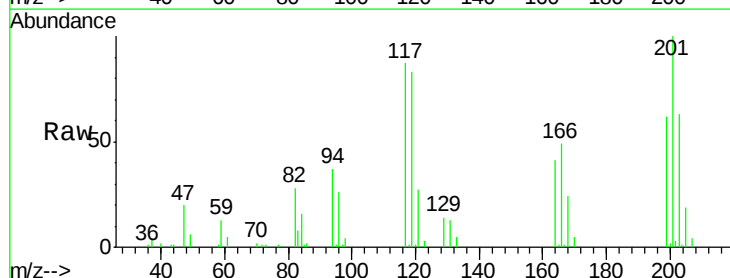
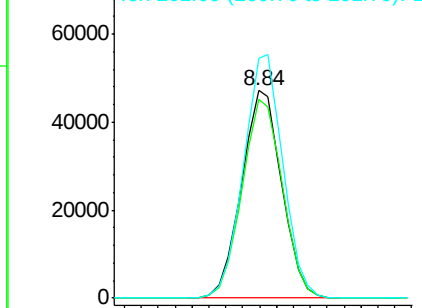
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

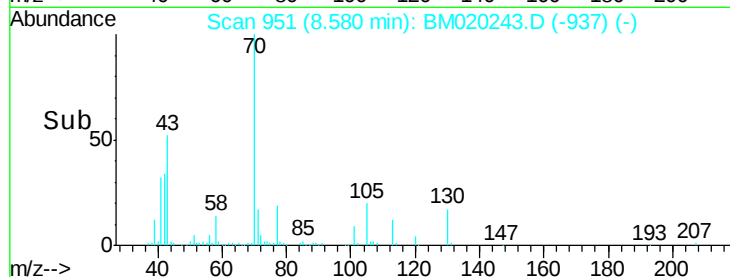
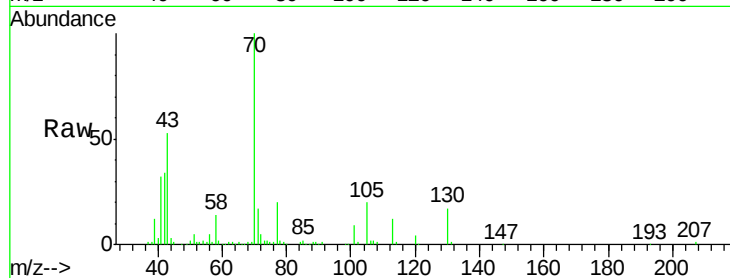
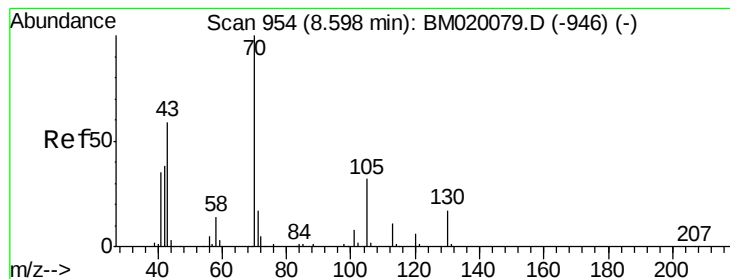


#18
Hexachloroethane
Concen: 35.095 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion:	117	Resp:	77863
Ion Ratio	Lower	Upper	
117	100		
119	95.6	76.6	114.8
201	115.5	90.7	136.1

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





#19

n-Nitroso-di-n-propylamine

Concen: 49.361 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

Tgt Ion: 70 Resp: 239871

Ion Ratio Lower Upper

70 100

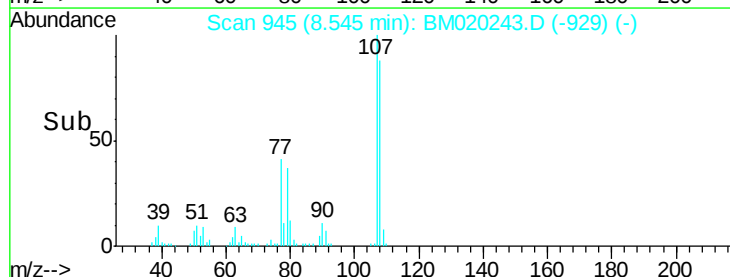
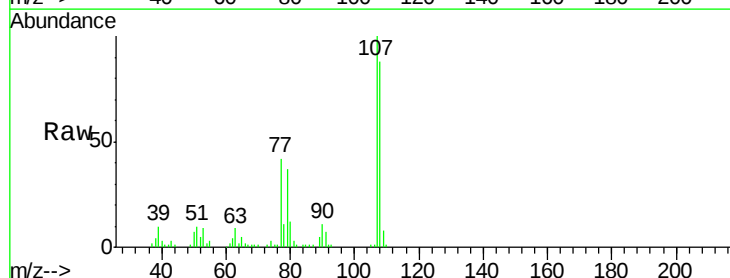
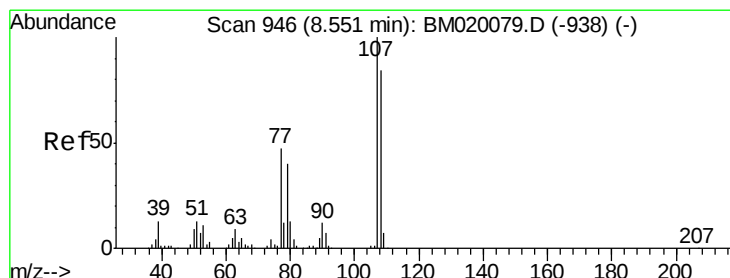
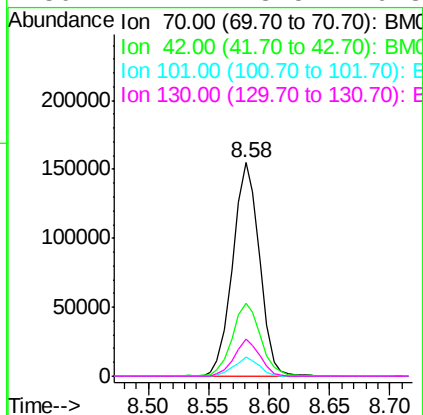
42 34.1 31.0 46.4

101 8.7 6.2 9.2

130 17.1 13.5 20.3

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#20

3+4-Methylphenols

Concen: 26.887 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion: 107 Resp: 140656

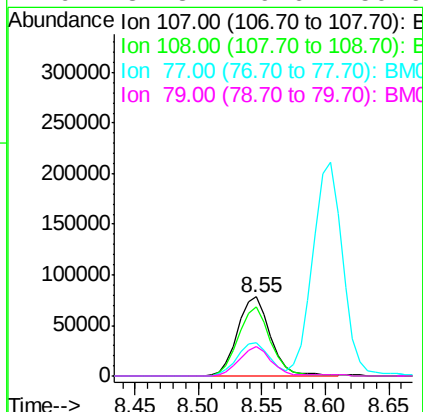
Ion Ratio Lower Upper

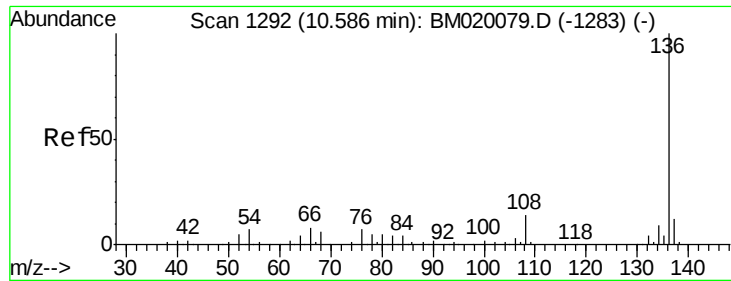
107 100

108 87.7 64.4 104.4

77 41.7 27.2 67.2

79 37.3 19.6 59.6





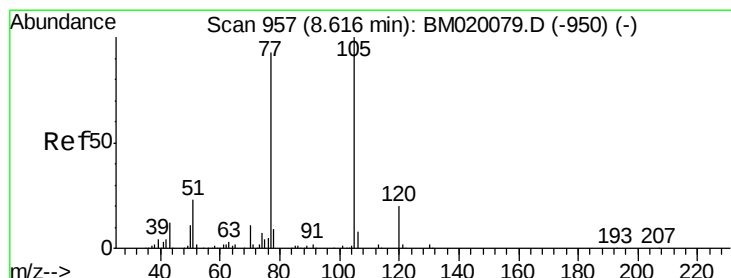
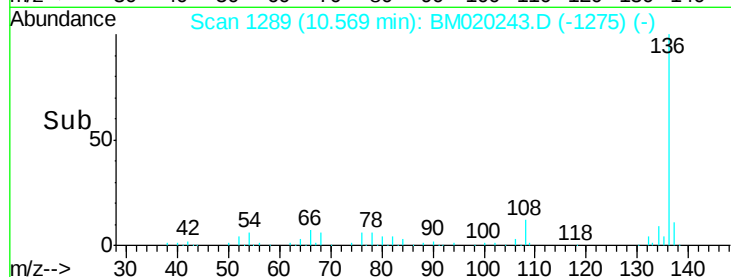
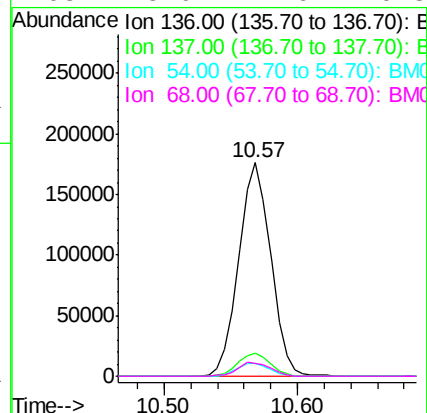
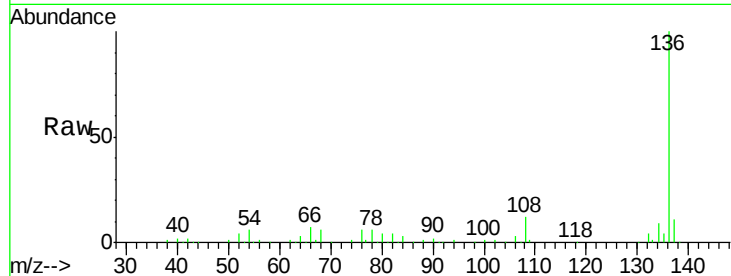
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampled :
HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	293546		
137	10.9	9.6	14.4	
54	6.2	5.5	8.3	
68	5.9	4.6	6.8	

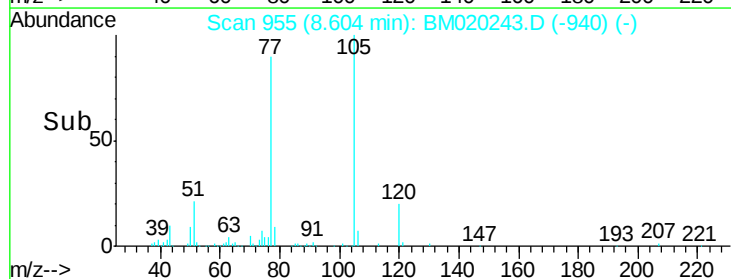
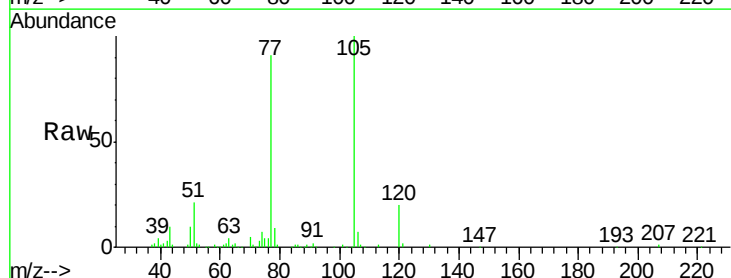
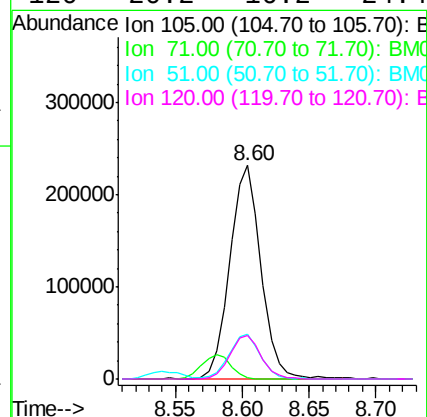
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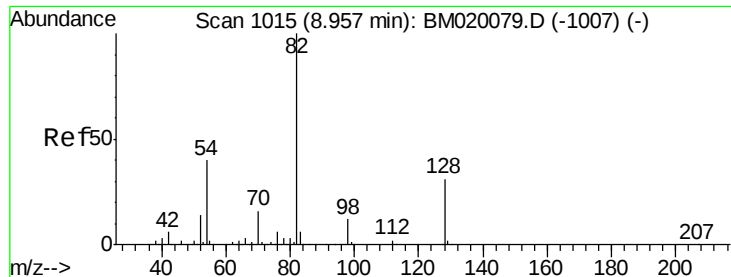
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#22
Acetophenone
Concen: 46.896 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	376233		
71	0.8	2.2	3.2#	
51	20.8	19.3	28.9	
120	20.2	16.2	24.4	





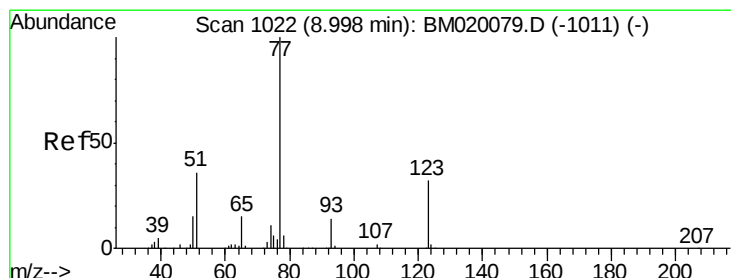
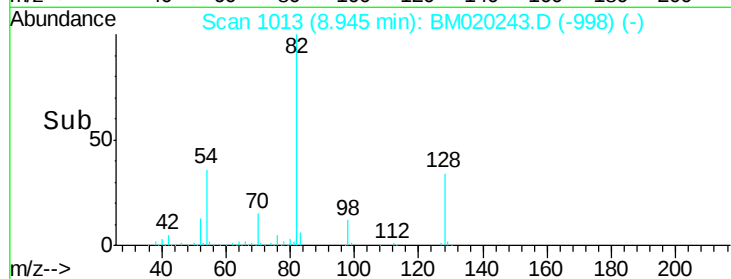
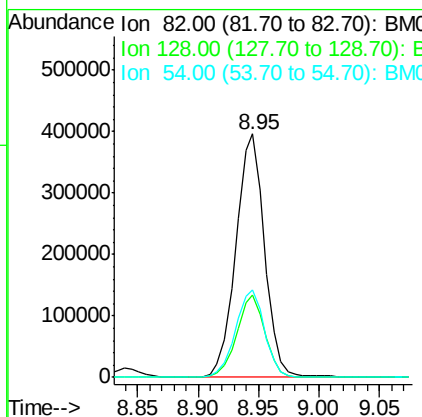
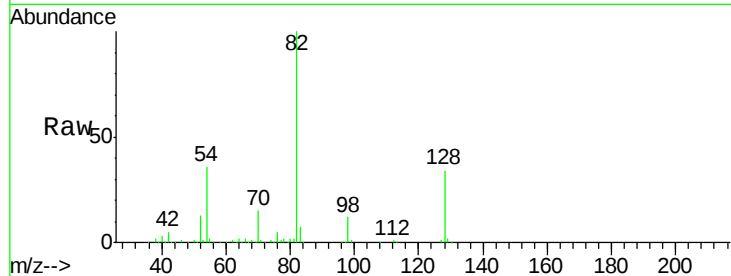
#23
Nitrobenzene-d5
Concen: 88.294 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	656490		
128	34.0	25.2	37.8	
54	35.9	31.9	47.9	

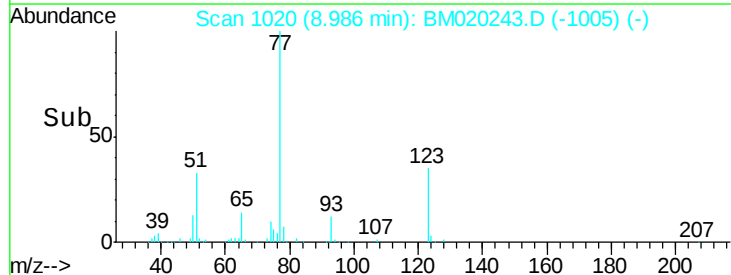
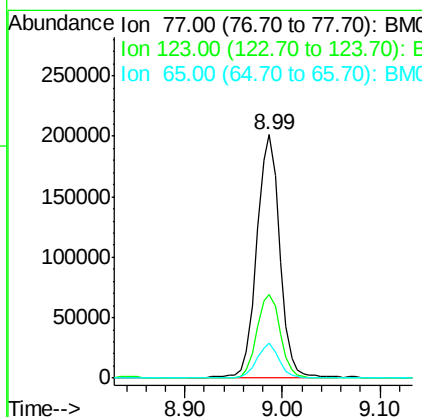
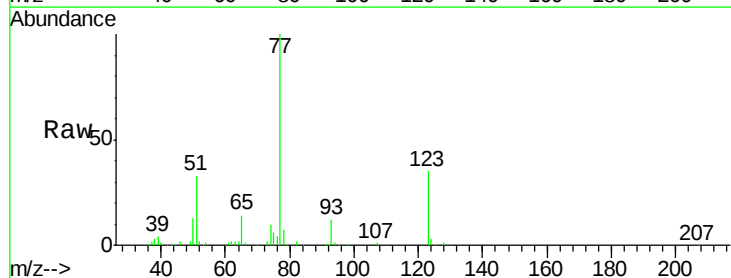
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#24
Nitrobenzene
Concen: 42.834 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	330214		
123	34.6	25.5	38.3	
65	14.2	11.8	17.6	





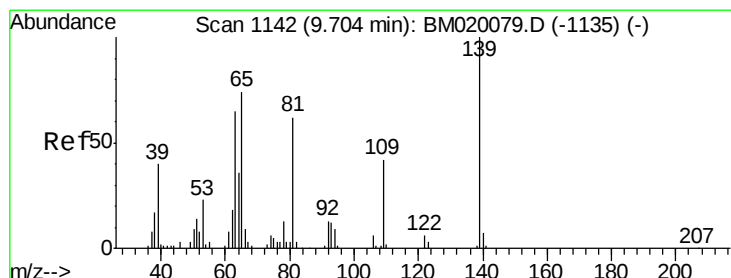
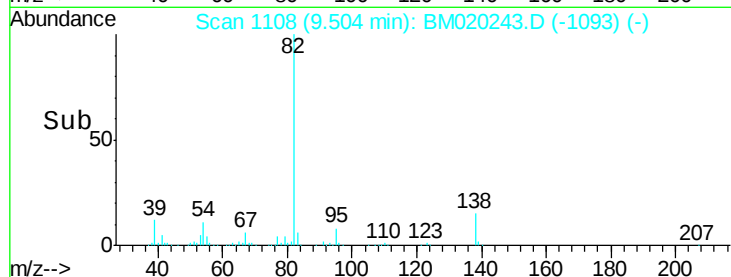
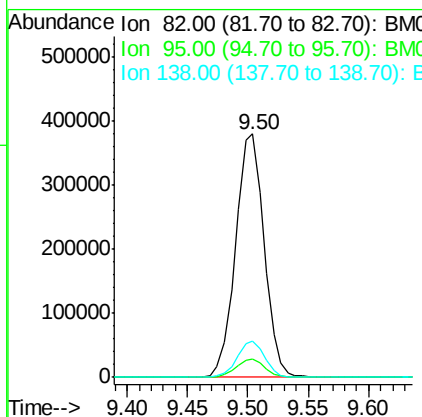
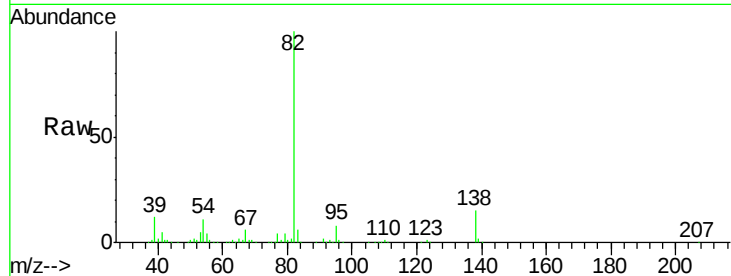
#25
Isophorone
Concen: 49.012 ng
RT: 9.50 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	628431		
95	7.7	6.4	9.6	
138	14.7	11.1	16.7	

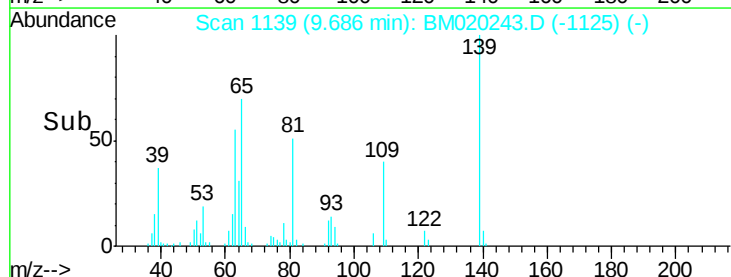
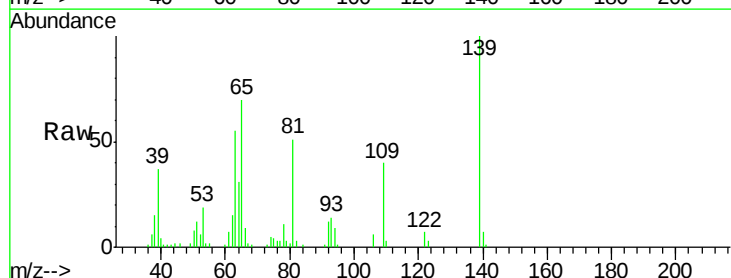
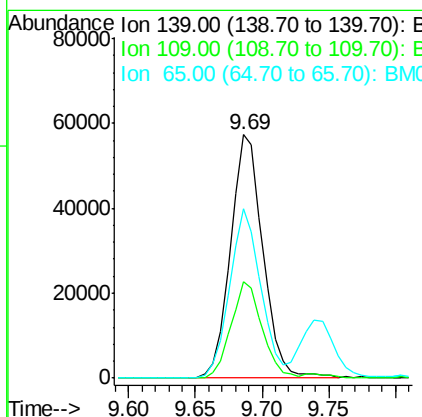
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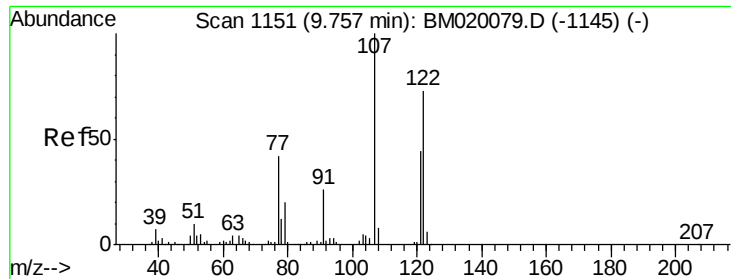
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#26
2-Nitrophenol
Concen: 41.659 ng
RT: 9.69 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	96958		
109	39.6	33.7	50.5	
65	69.7	59.5	89.3	





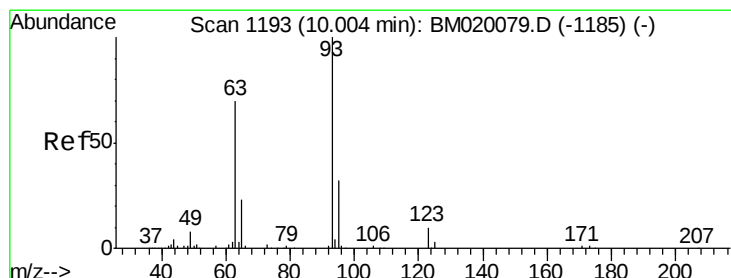
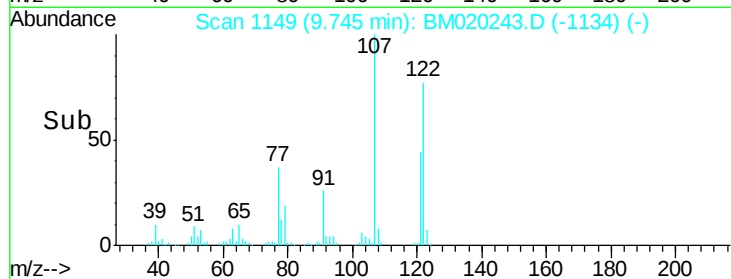
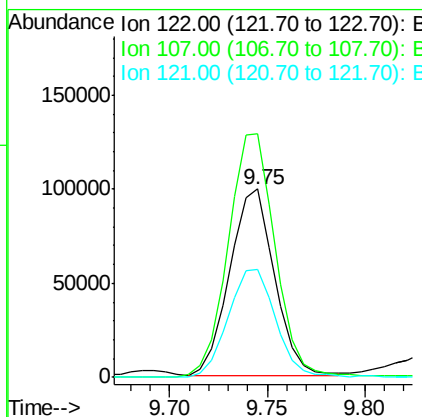
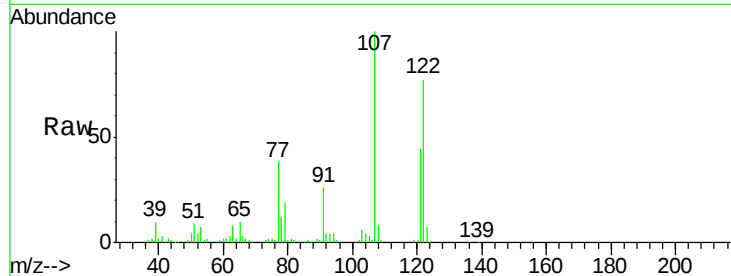
#27
 2,4-Dimethylphenol
 Concen: 40.680 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	157625		
107	129.4	108.6	162.8	
121	57.2	47.4	71.2	

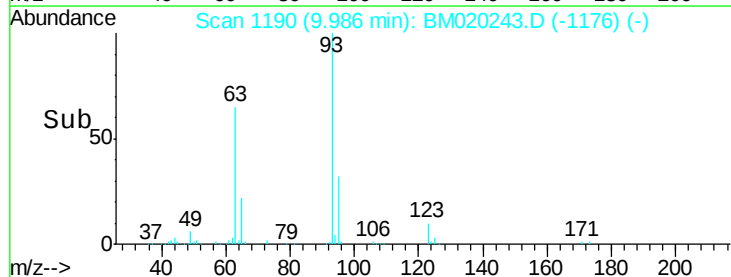
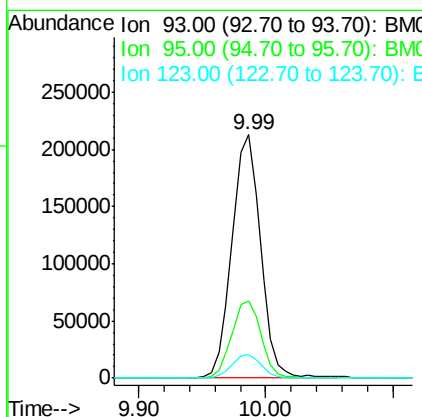
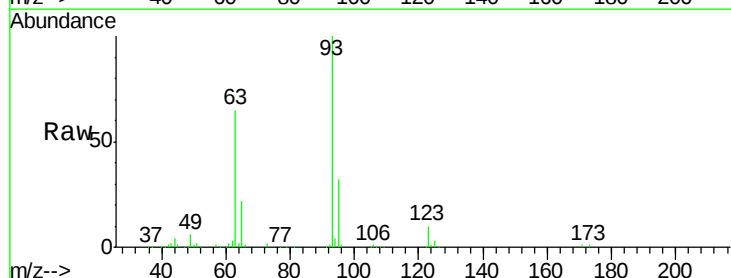
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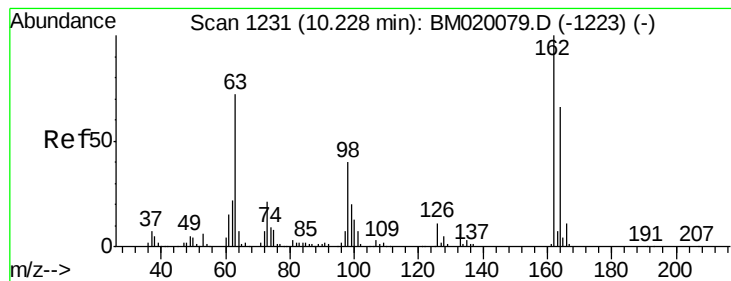
mohammad
 5/13/2019 8:25:09 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.722 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	333257		
95	32.0	25.5	38.3	
123	9.8	7.6	11.4	





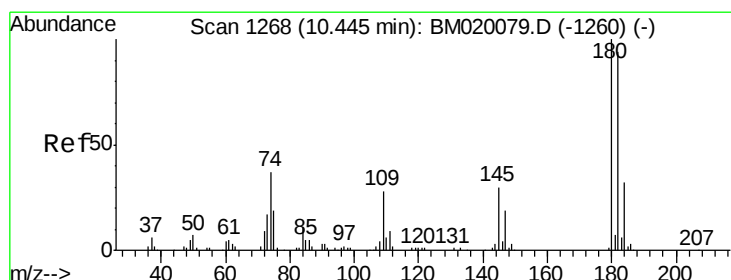
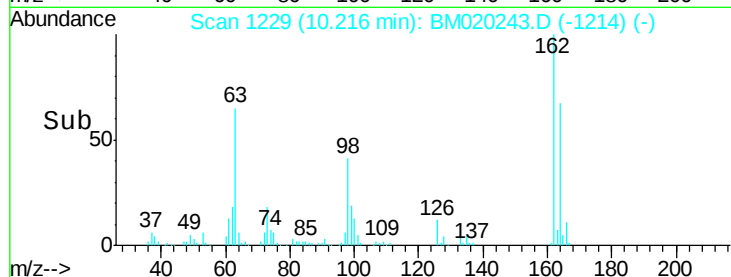
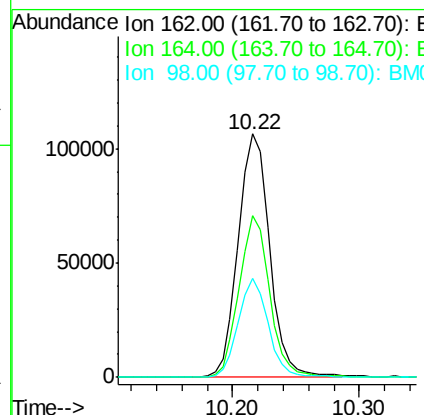
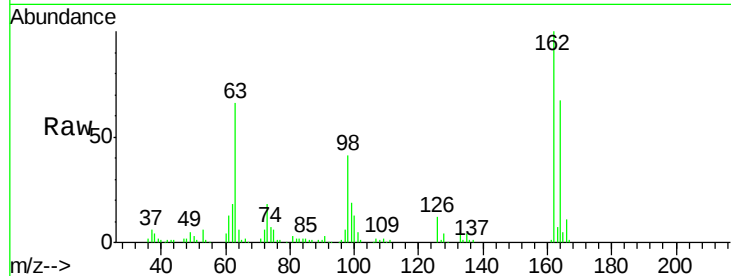
#29
 2,4-Dichlorophenol
 Concen: 37.596 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampled :
 HW-7MS

Tgt Ion:	162	Resp:	183692
Ion Ratio	Lower	Upper	
162	100		
164	66.6	45.6	85.6
98	40.6	20.4	60.4

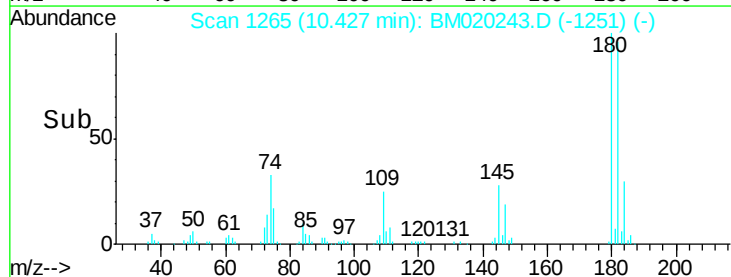
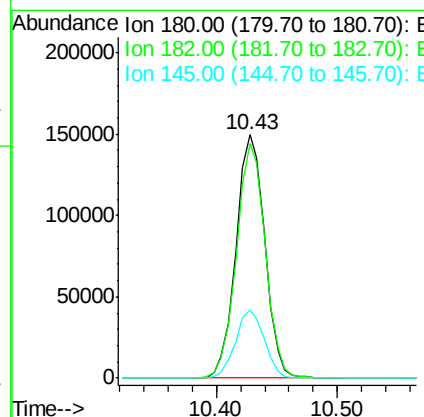
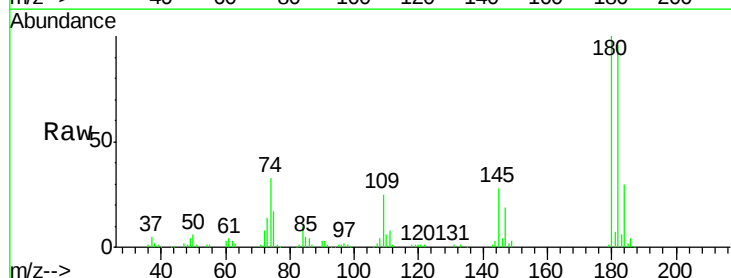
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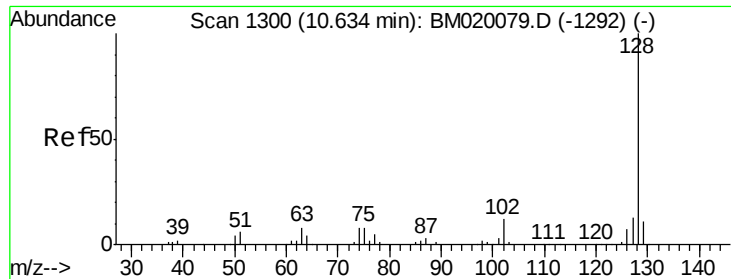
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.347 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:	180	Resp:	248577
Ion Ratio	Lower	Upper	
180	100		
182	96.4	75.4	113.0
145	28.0	23.8	35.8





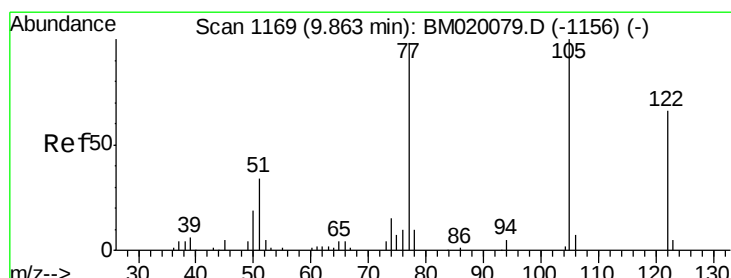
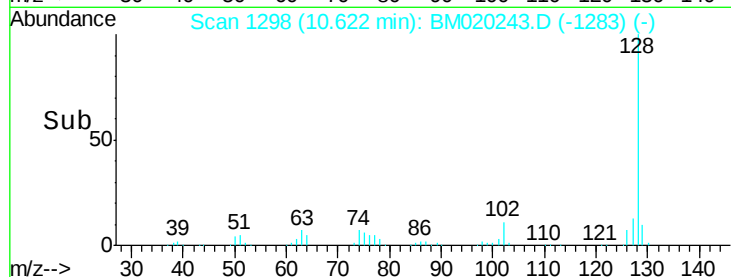
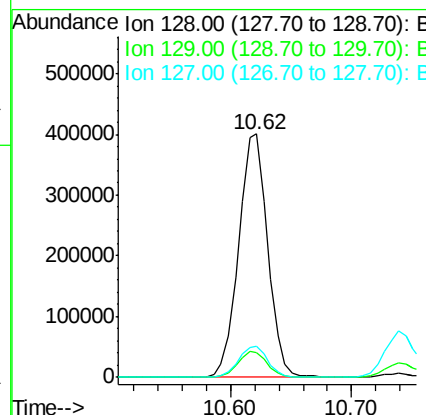
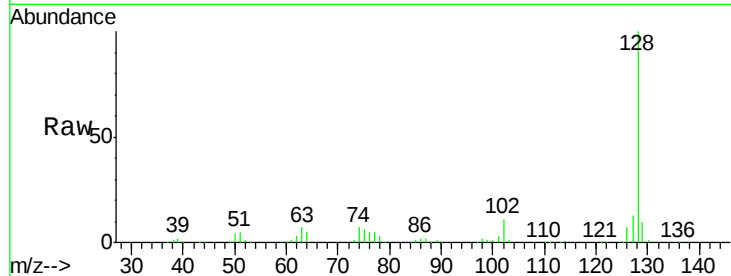
#31
Naphthalene
Concen: 44.114 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampled :
HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	671997		
129	10.3		9.0	13.4
127	13.0		10.4	15.6

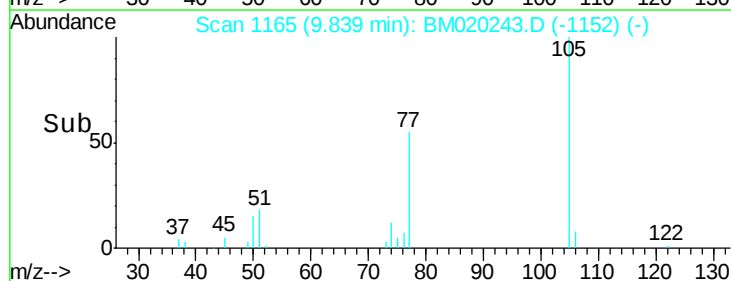
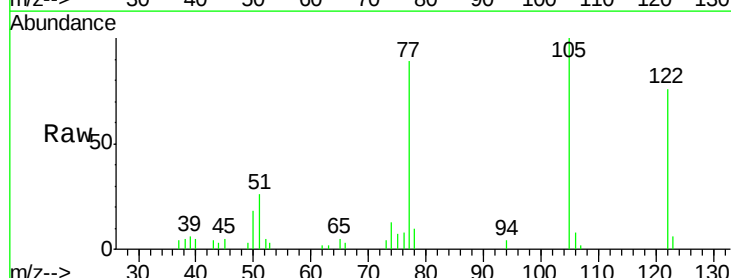
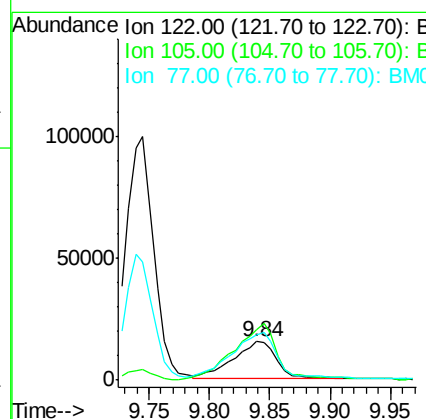
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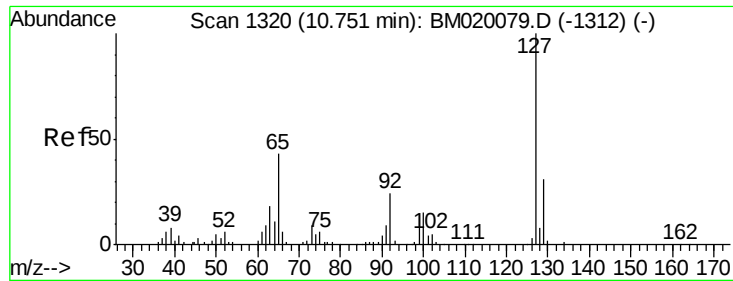
mohammad
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#32
Benzoic acid
Concen: 18.872 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	39204		
105	131.6		122.5	162.5
77	117.7		123.3	163.3#





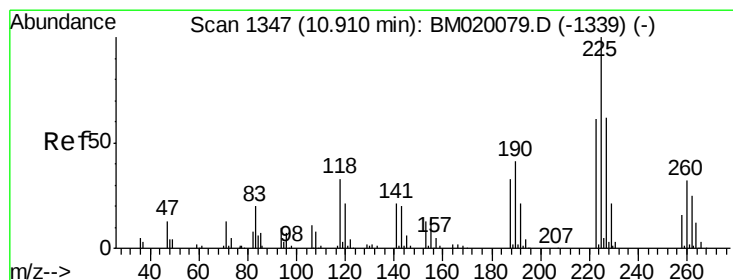
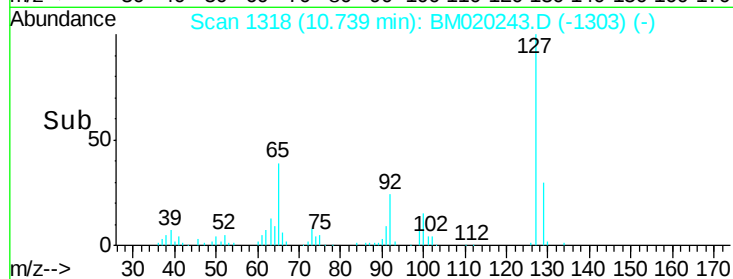
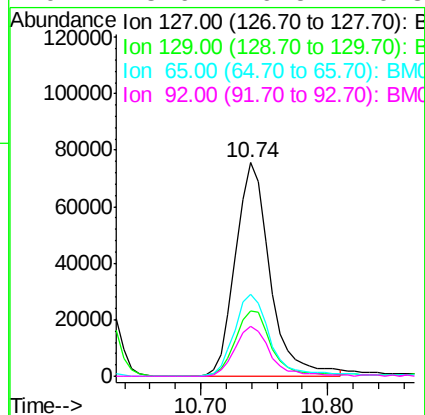
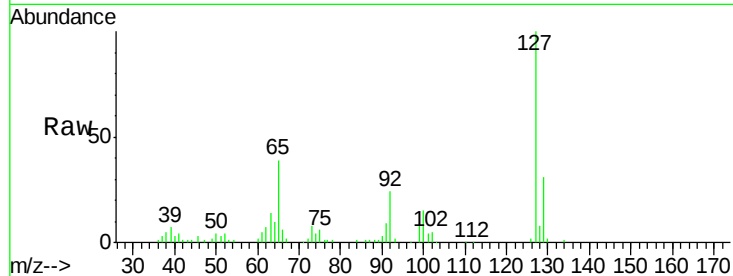
#33
4-Chloroaniline
Concen: 22.924 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	143726		
129	30.8	24.7	37.1	
65	38.5	34.6	52.0	
92	23.6	19.5	29.3	

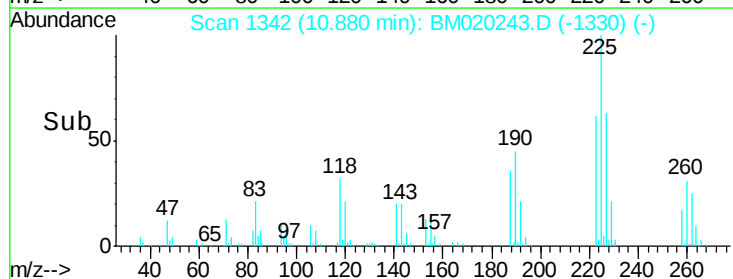
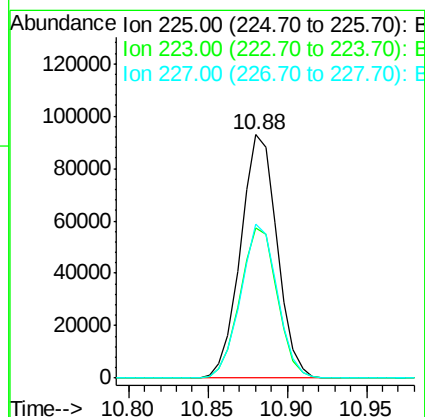
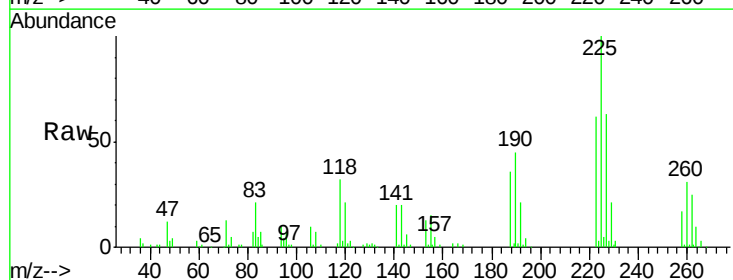
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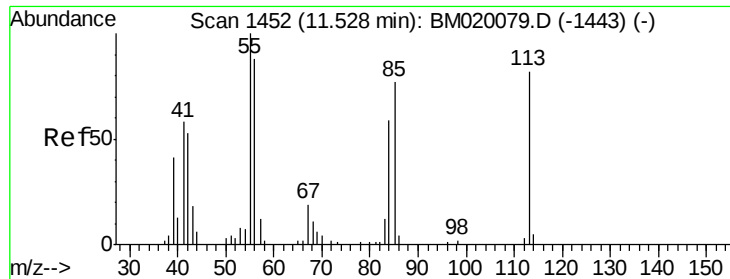
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#34
Hexachlorobutadiene
Concen: 34.951 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148643		
223	61.6	48.9	73.3	
227	63.0	49.6	74.4	





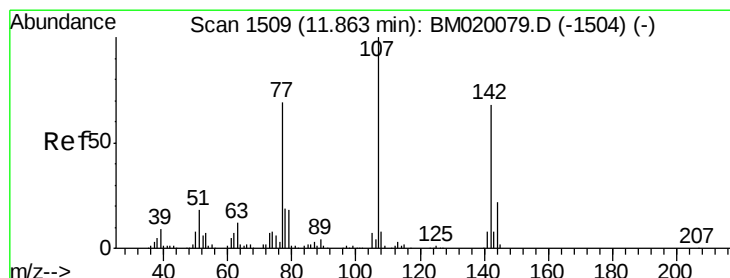
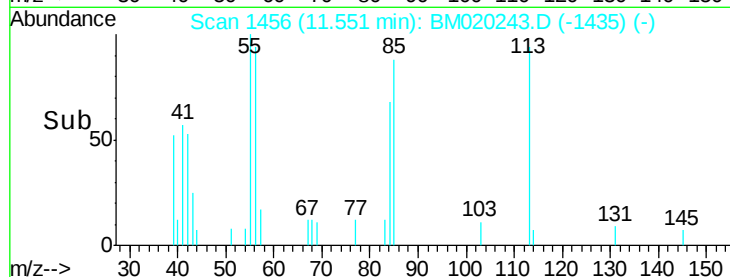
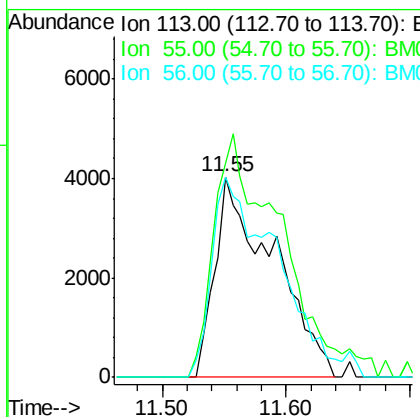
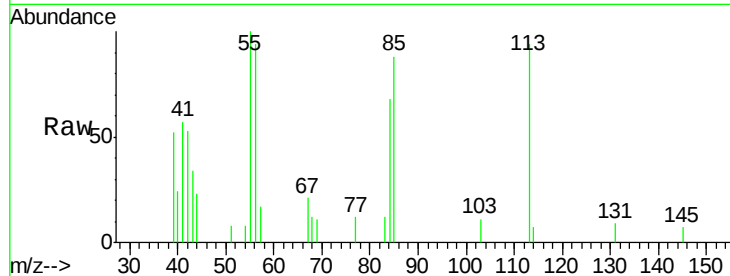
#35
 Caprolactam
 Concen: 9.024 ng m
 RT: 11.55 min Scan# 1456
 Delta R.T. 0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion:113 Resp: 13184
 Ion Ratio Lower Upper
 113 100
 55 106.6 102.5 142.5
 56 100.1 87.7 127.7

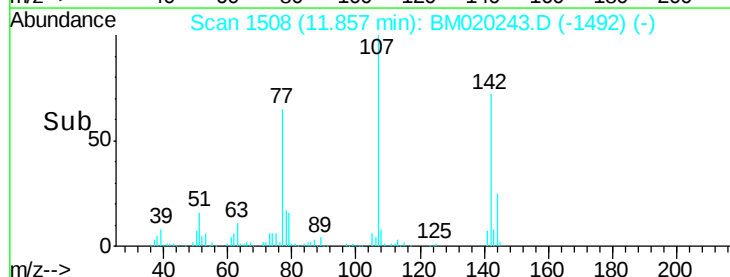
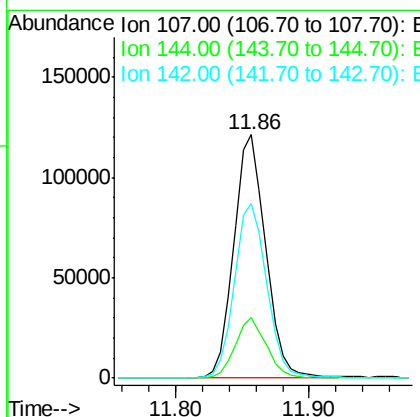
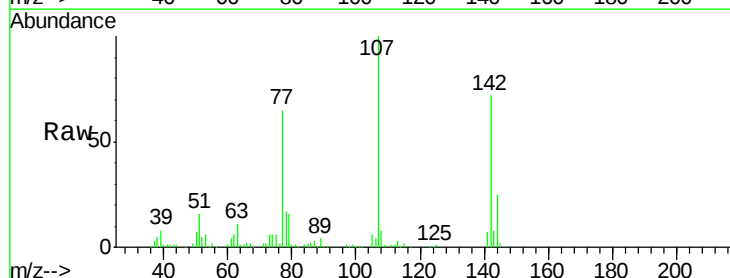
Manual Integrations
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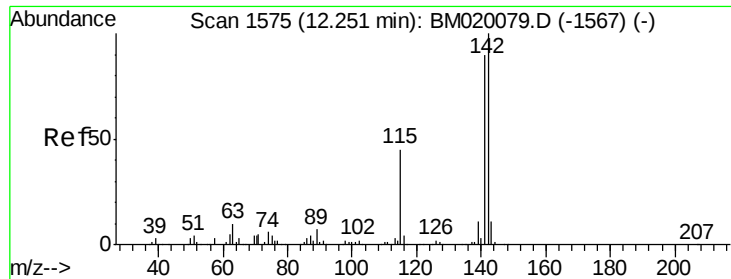
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 35.232 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:107 Resp: 202295
 Ion Ratio Lower Upper
 107 100
 144 25.0 17.6 26.4
 142 71.9 54.6 82.0





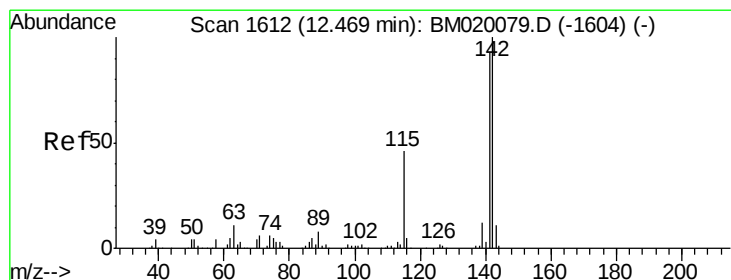
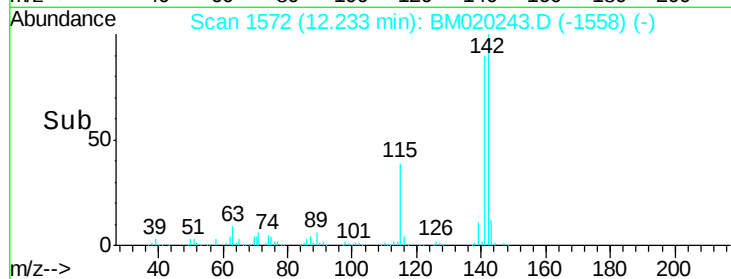
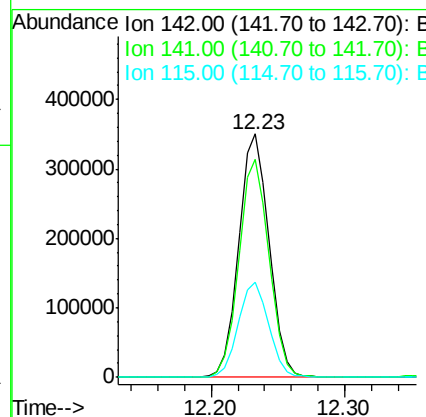
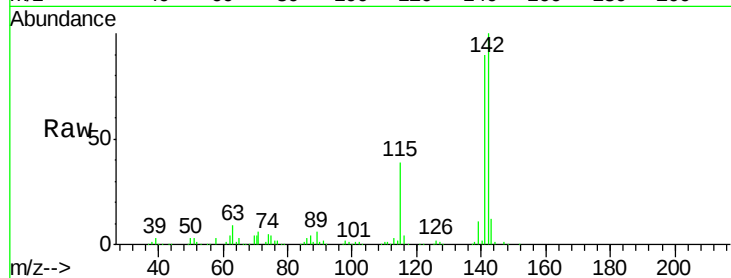
#37
2-Methylnaphthalene
Concen: 49.690 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	551836		
141	89.6	71.6	107.4	
115	39.3	35.8	53.6	

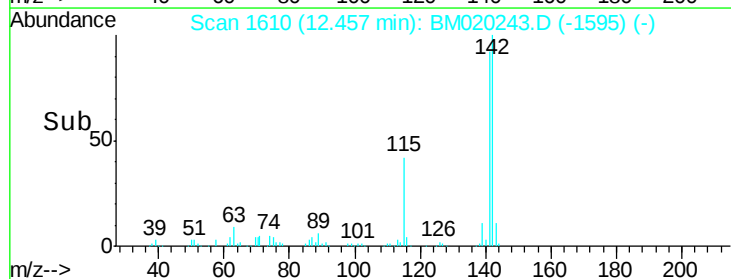
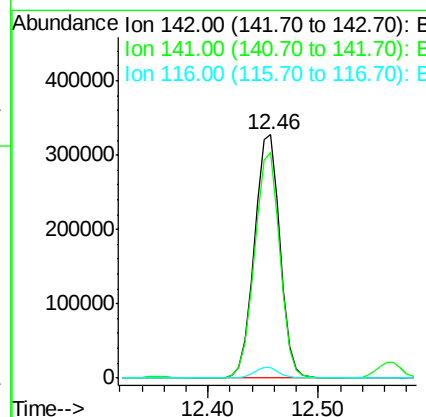
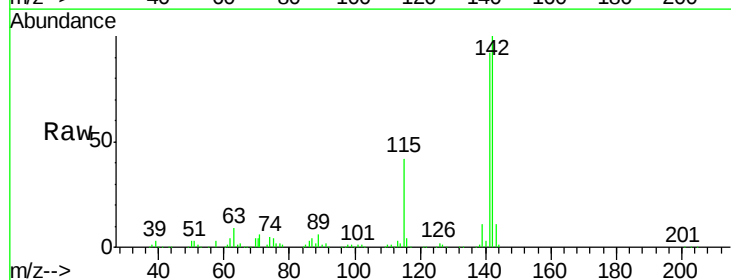
Manual Integrations
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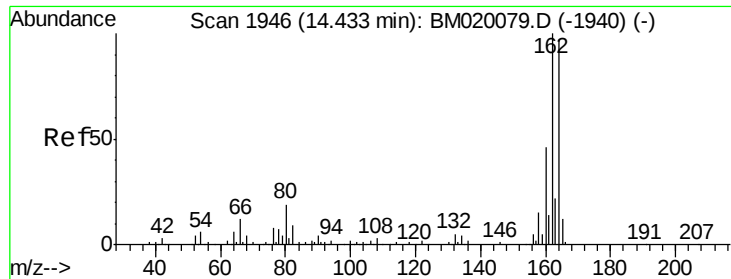
mohammad
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#38
1-Methylnaphthalene
Concen: 49.147 ng
RT: 12.46 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	533721		
141	92.5	74.8	112.2	
116	4.2	3.9	5.9	





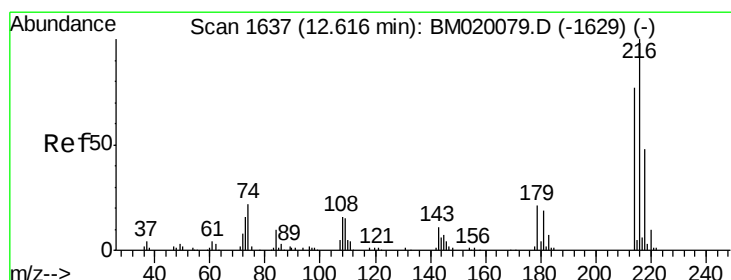
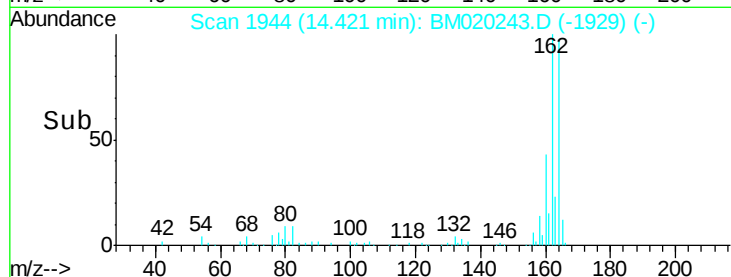
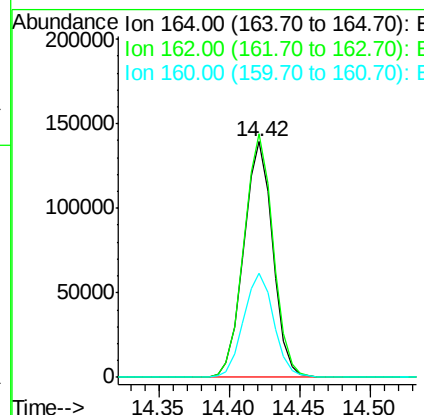
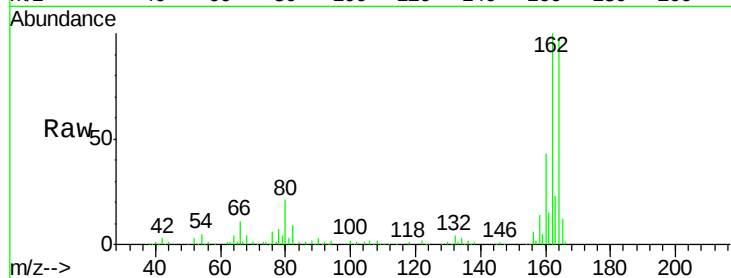
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200770		
162	103.4	82.2	123.2	
160	44.4	37.6	56.4	

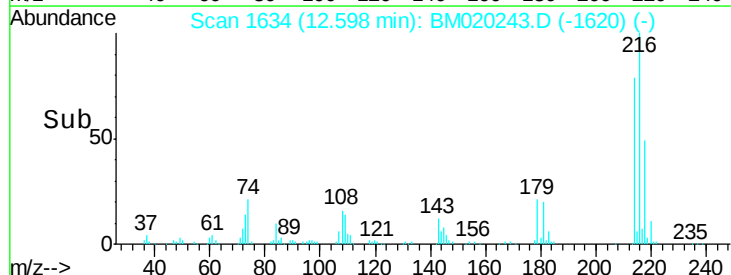
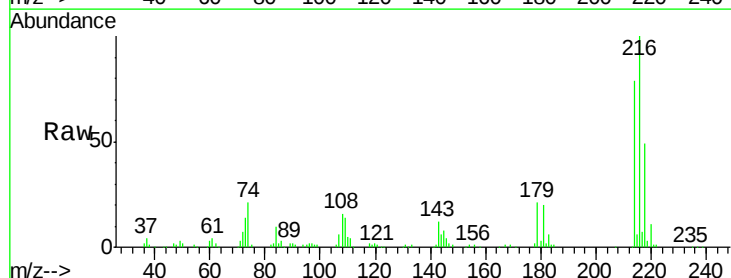
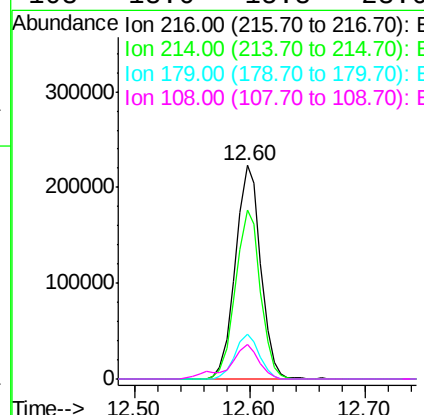
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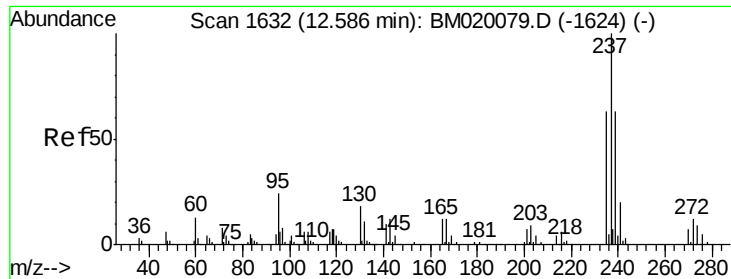
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.226 ng
RT: 12.60 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	339539		
214	78.2	62.6	94.0	
179	20.4	17.1	25.7	
108	18.6	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 69.090 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

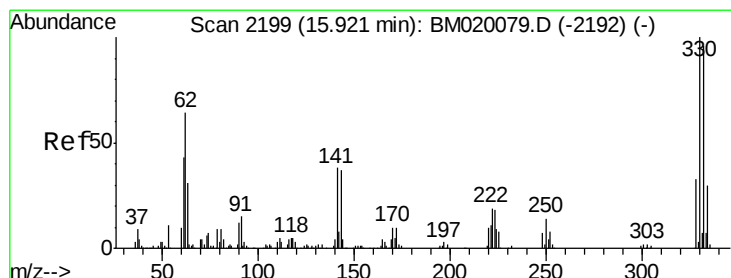
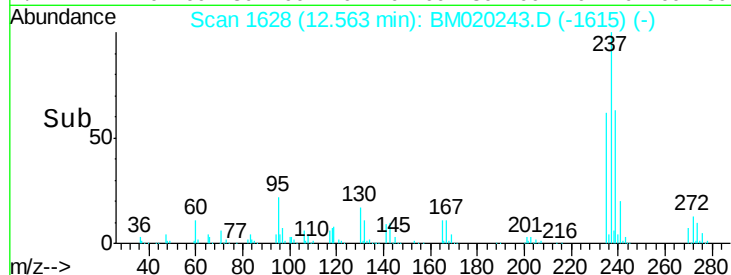
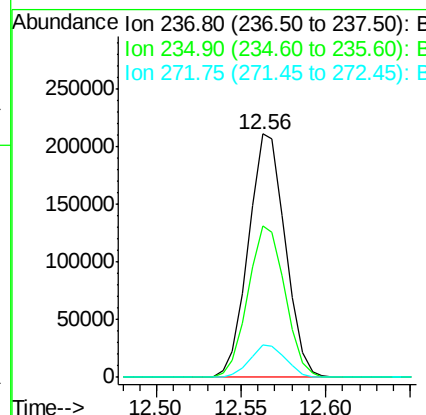
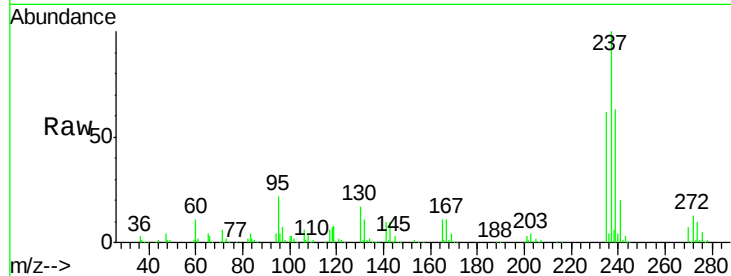
ClientSampleId :

HW-7MS

Tgt Ion:	237	Resp:	319542
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.4	83.4
272	13.1	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 125.768 ng

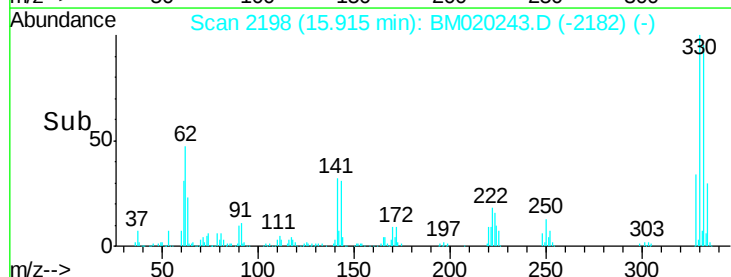
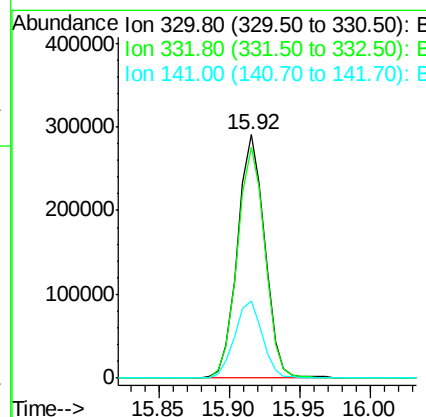
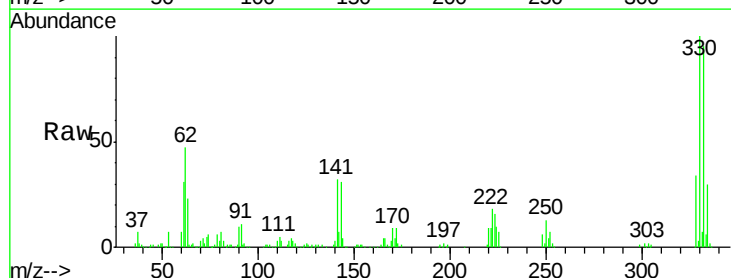
RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	330	Resp:	391936
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.8	115.2
141	32.5	29.2	43.8





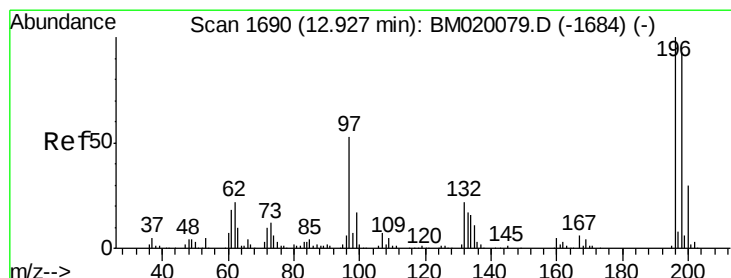
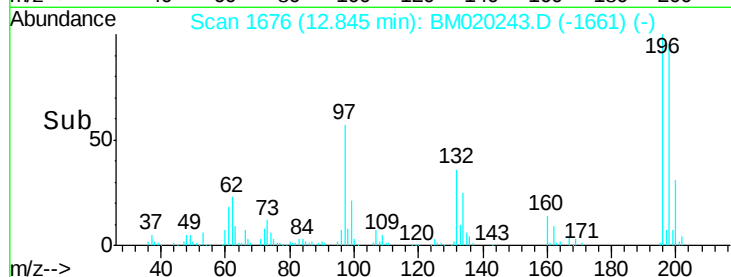
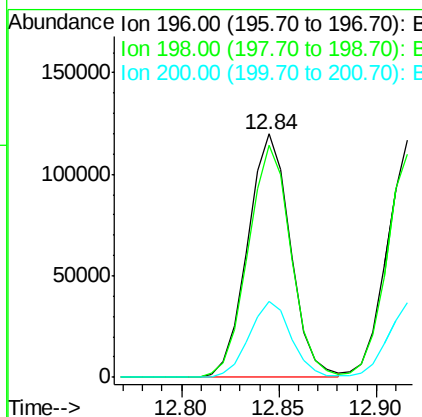
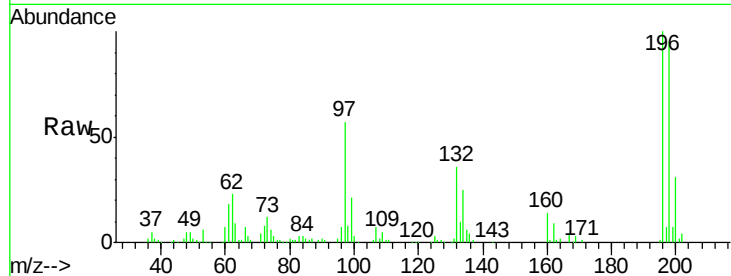
#43
 2,4,6-Trichlorophenol
 Concen: 40.707 ng
 RT: 12.84 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion:	196	Resp:	181720
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.2	114.2
200	31.0	24.3	36.5

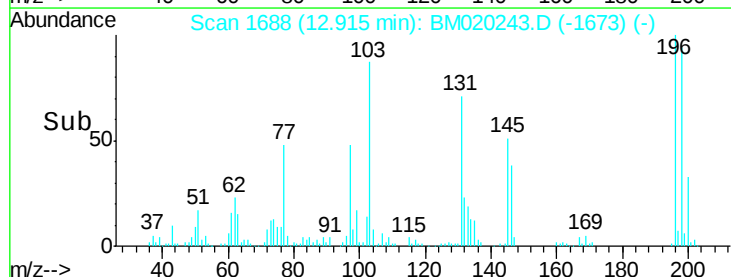
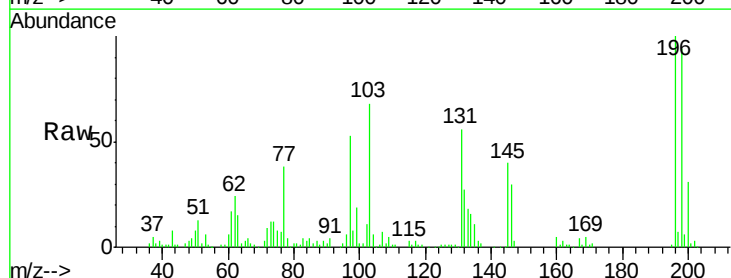
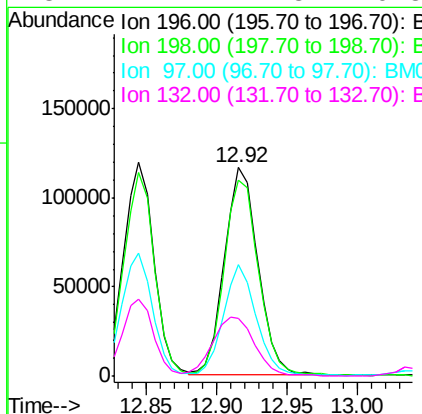
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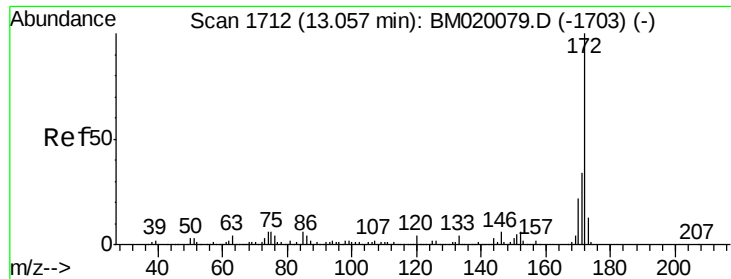
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.575 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:	196	Resp:	192377
Ion Ratio	Lower	Upper	
196	100		
198	93.9	74.7	112.1
97	53.2	42.2	63.4
132	27.4	17.8	26.8#





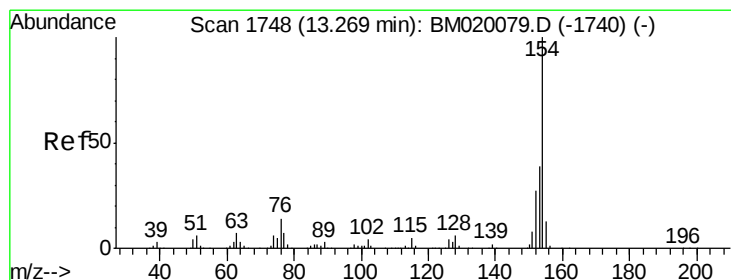
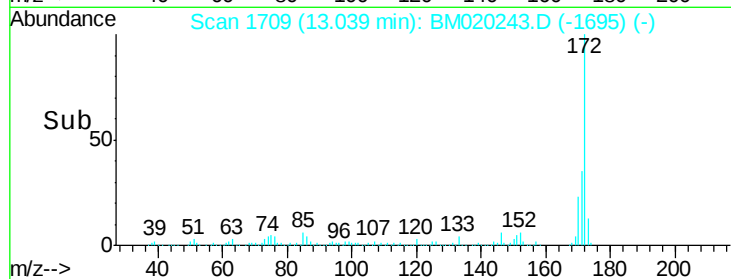
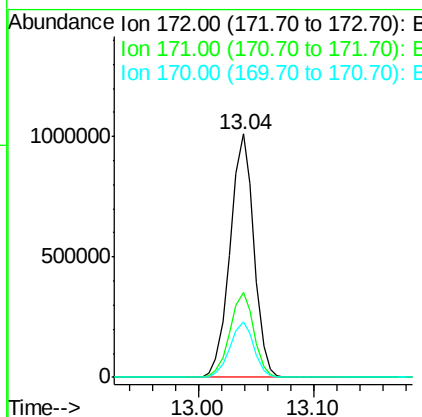
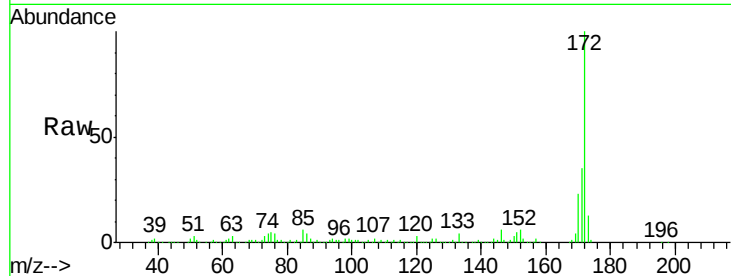
#45
 2-Fluorobiphenyl
 Concen: 88.242 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.8	17.9	26.9

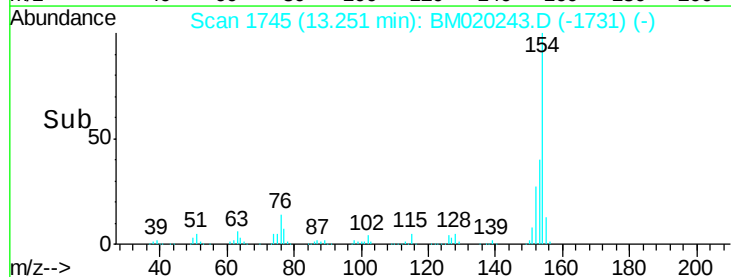
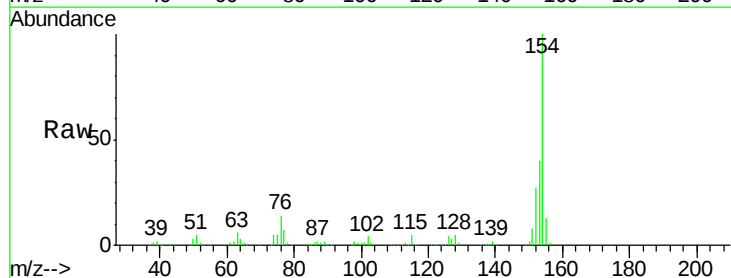
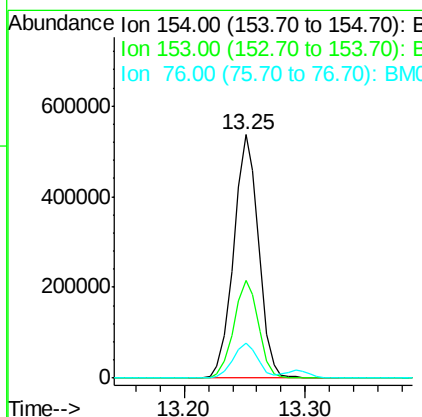
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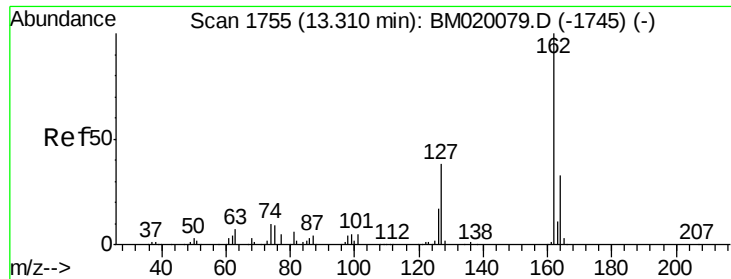
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#46
 1,1'-Biphenyl
 Concen: 46.652 ng
 RT: 13.25 min Scan# 1745
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.4	59.4
76	14.3	0.0	34.5





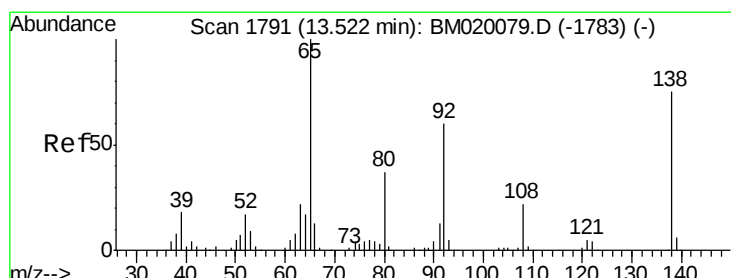
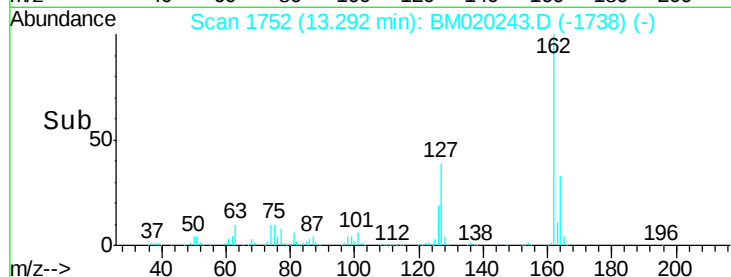
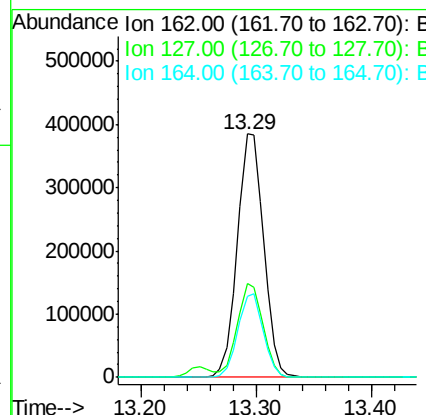
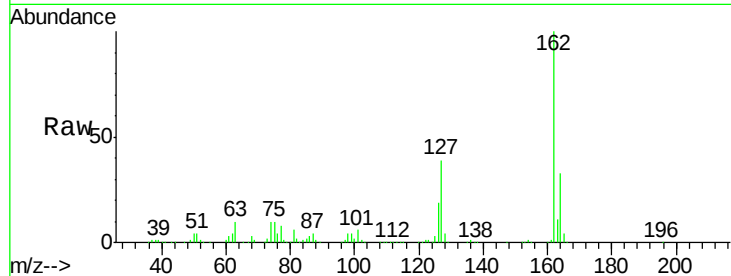
#47
 2-Chloronaphthalene
 Concen: 46.269 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampled :
 HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	610482		
127	38.8		31.0	46.4
164	33.4		26.2	39.2

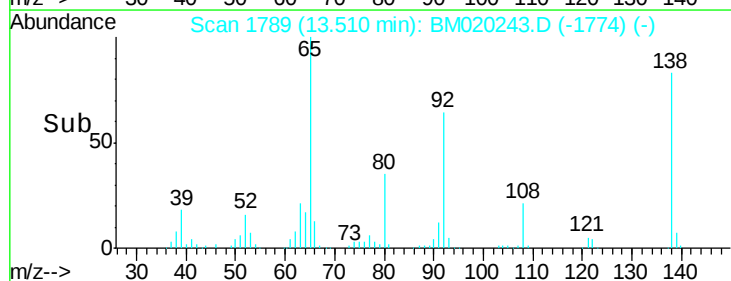
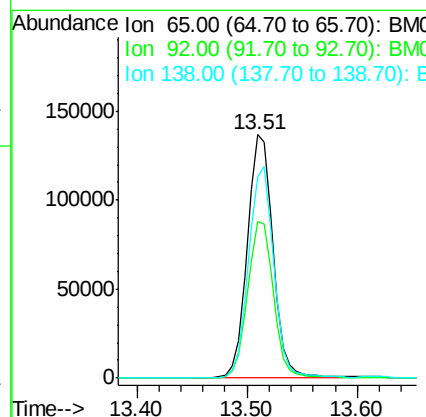
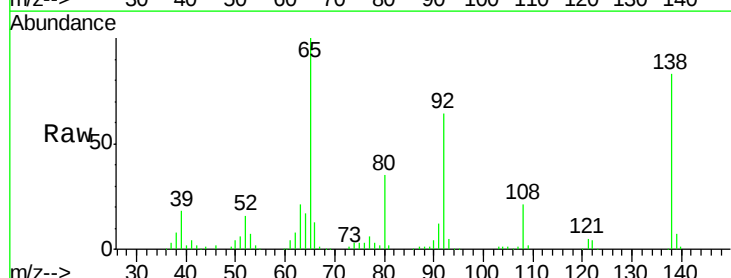
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#48
 2-Nitroaniline
 Concen: 48.012 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	225527		
92	64.5		48.2	72.4
138	82.7		60.3	90.5





#49

Acenaphthylene

Concen: 46.003 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

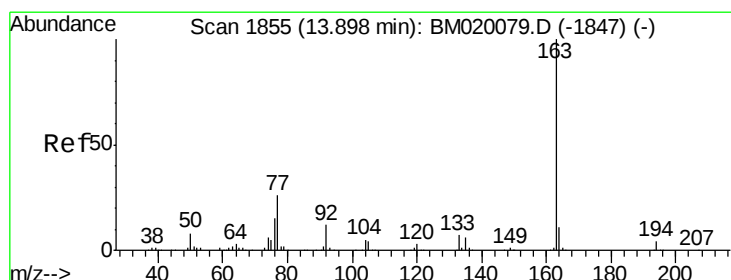
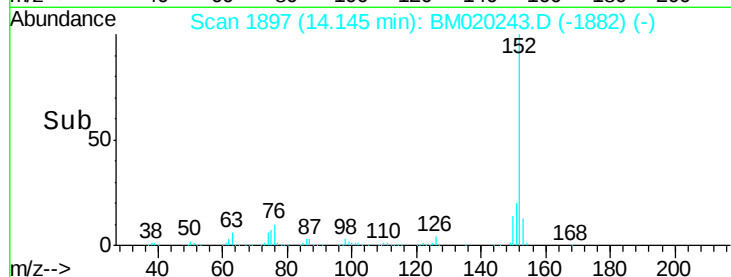
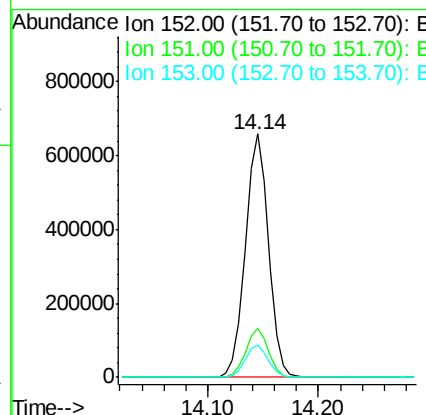
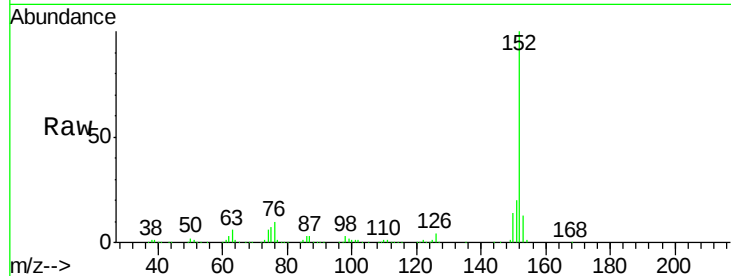
ClientSampleId :

HW-7MS

Tgt Ion:	152	Resp:	971390
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	13.1	10.6	16.0

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#50

Dimethylphthalate

Concen: 49.216 ng

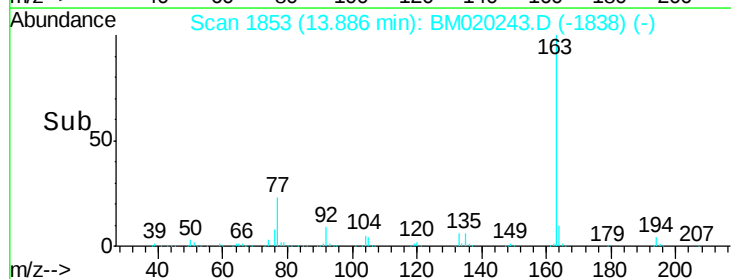
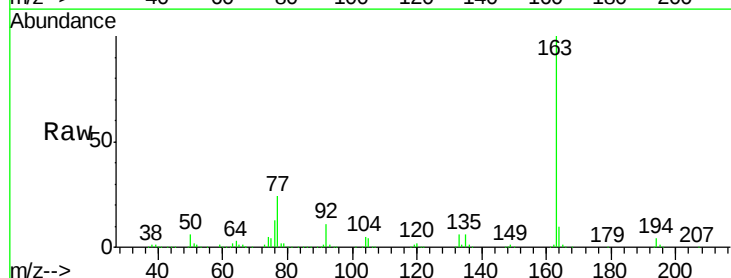
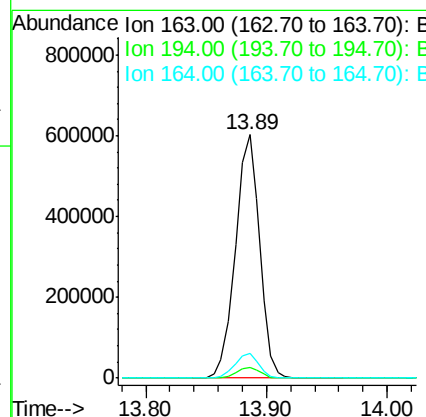
RT: 13.89 min Scan# 1853

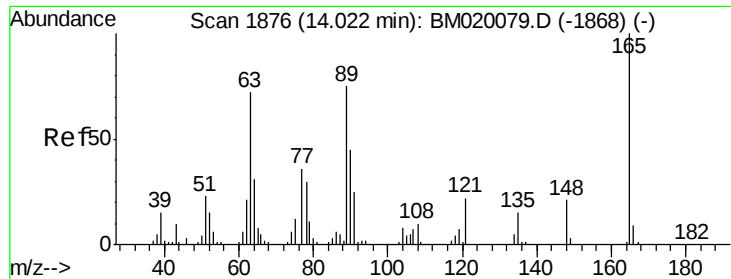
Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	163	Resp:	839821
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.6	5.4
164	9.9	8.4	12.6





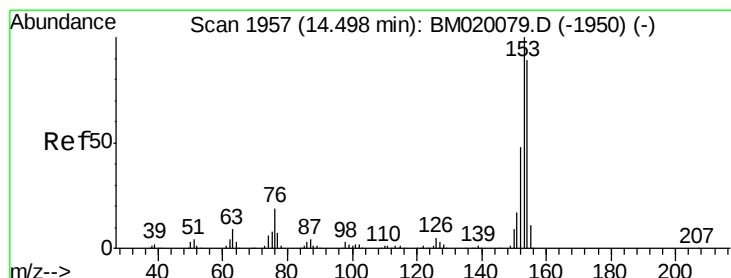
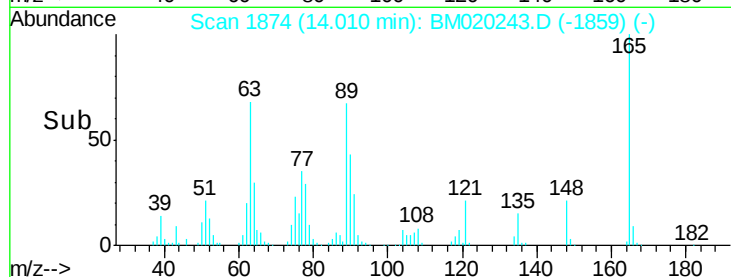
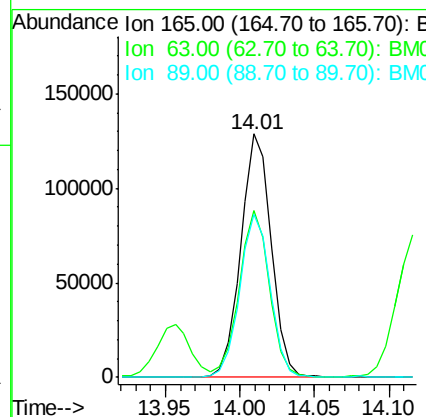
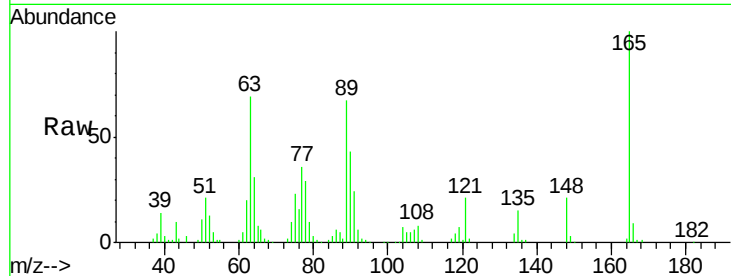
#51
 2,6-Dinitrotoluene
 Concen: 50.790 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	182540		
63	68.6	60.3	90.5	
89	66.8	59.8	89.6	

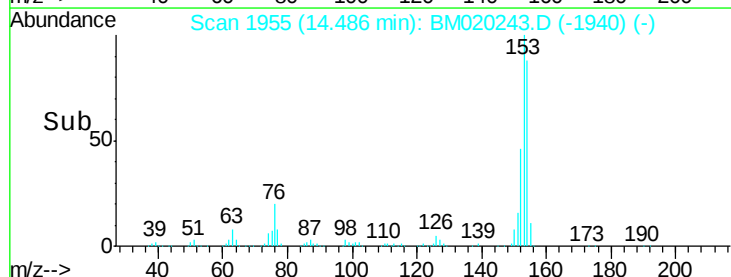
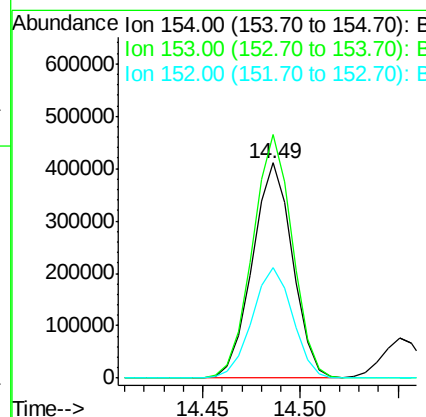
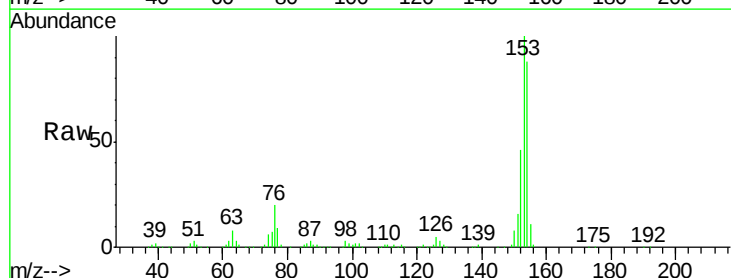
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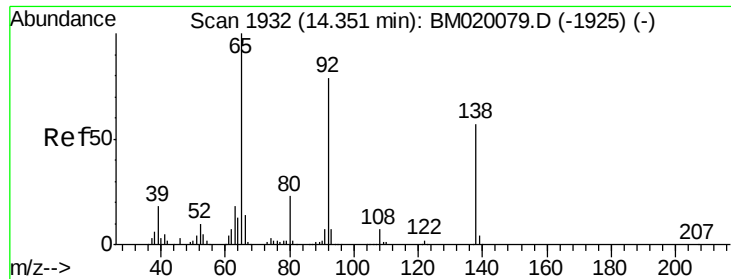
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#52
 Acenaphthene
 Concen: 48.463 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	586833		
153	113.1	90.2	135.2	
152	51.5	43.0	64.4	





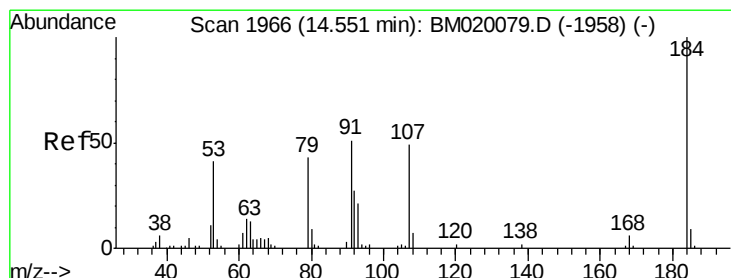
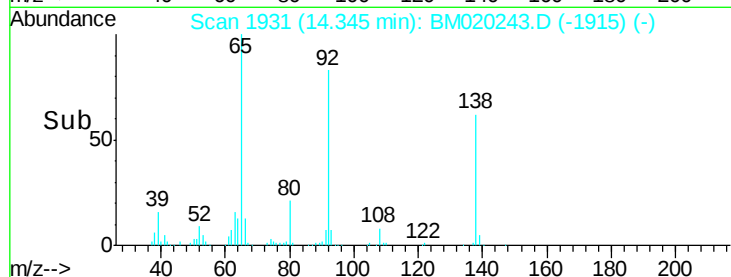
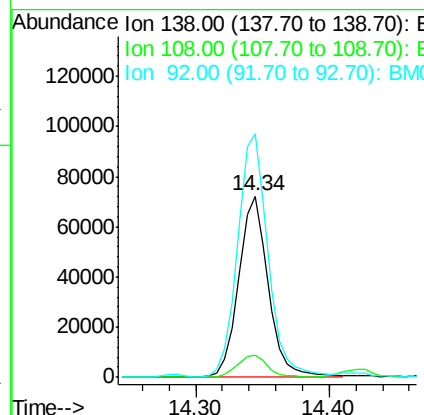
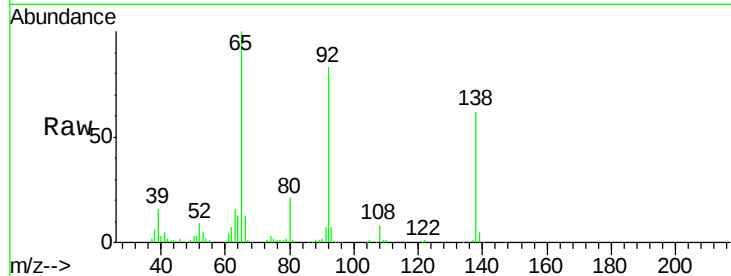
#53
 3-Nitroaniline
 Concen: 33.508 ng
 RT: 14.34 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	111771		
108	12.5	10.4	15.6	
92	134.5	111.3	166.9	

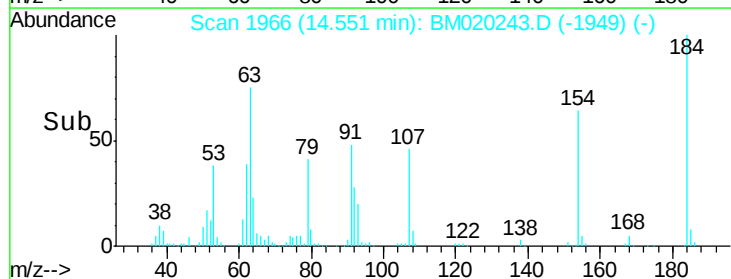
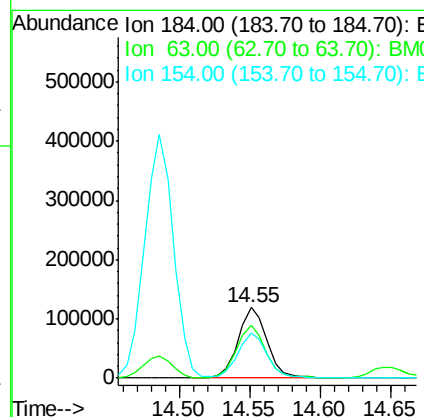
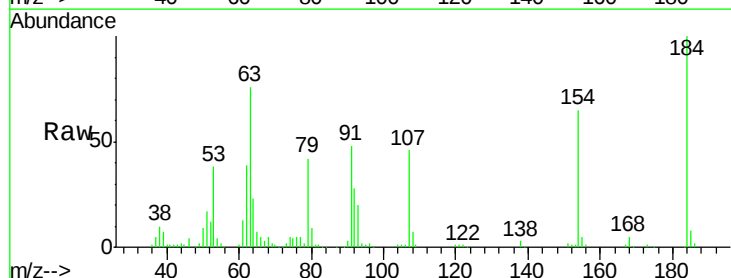
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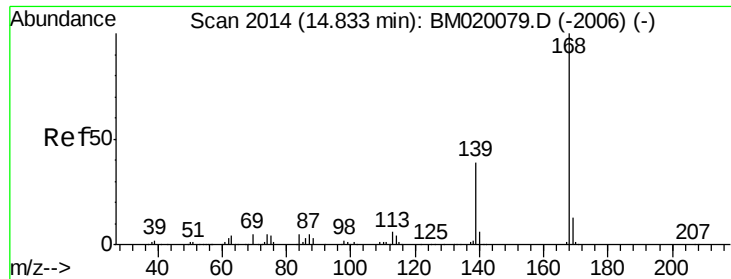
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#54
 2,4-Dinitrophenol
 Concen: 93.376 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	170950		
63	75.8	68.9	103.3	
154	64.5	54.4	81.6	





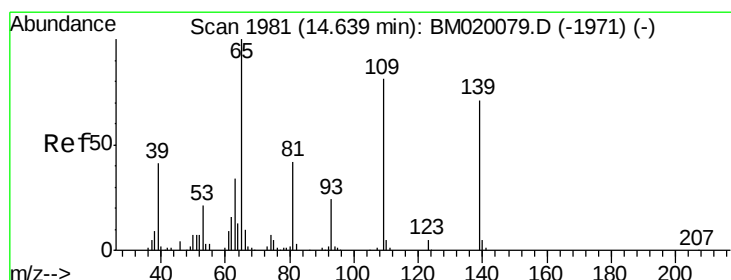
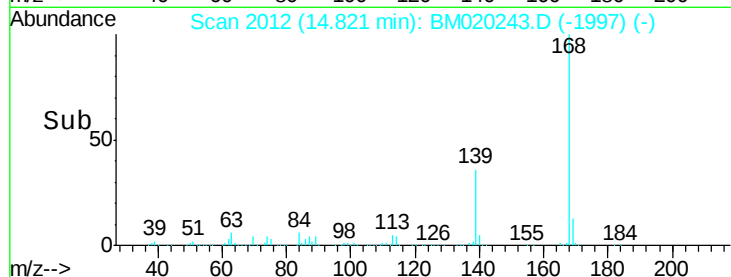
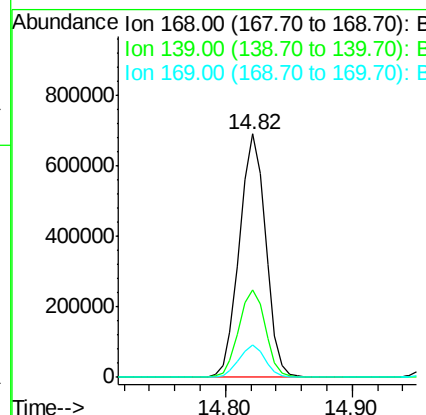
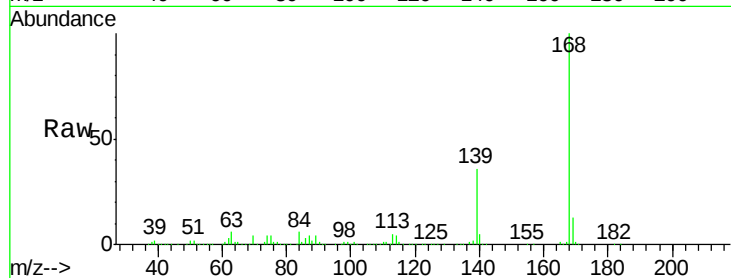
#55
Dibenzofuran
Concen: 48.559 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	991812		
139	35.9	31.1	46.7	
169	13.2	10.6	16.0	

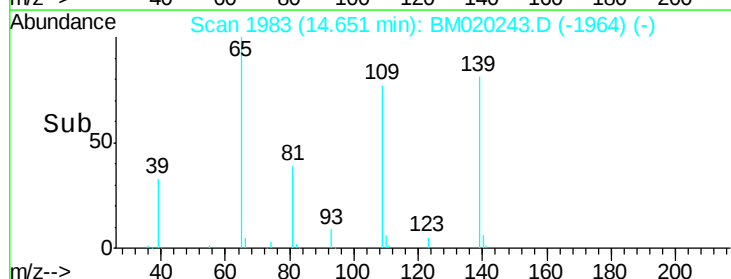
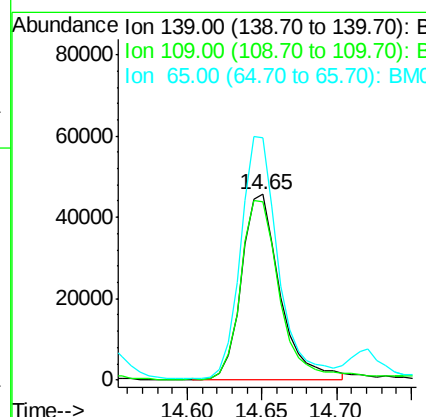
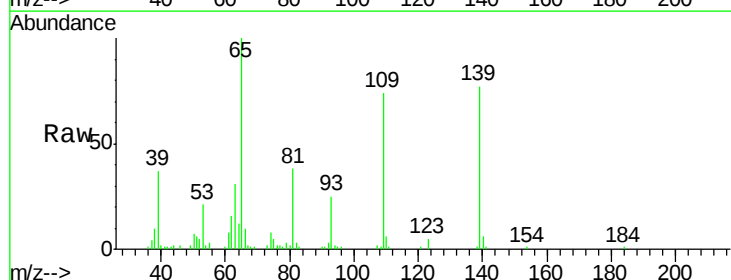
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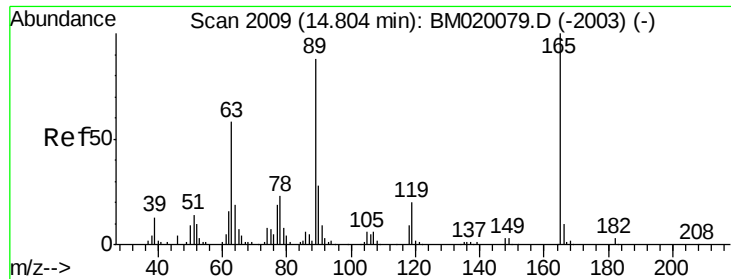
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#56
4-Nitrophenol
Concen: 28.907 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82271		
109	96.1	94.1	134.1	
65	130.7	120.9	160.9	





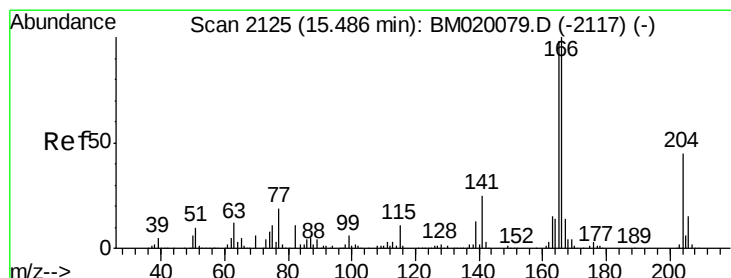
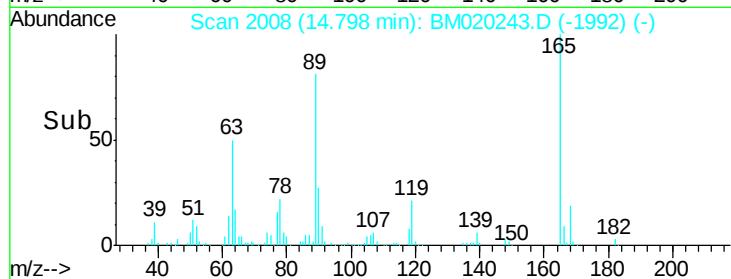
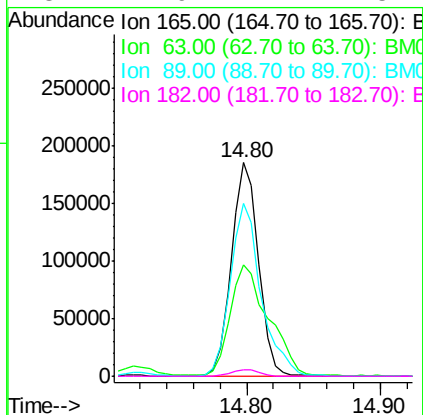
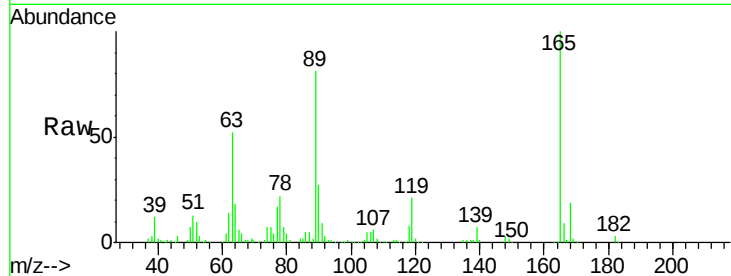
#57
 2,4-Dinitrotoluene
 Concen: 53.949 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion:	165	Resp:	263466
Ion Ratio	Lower	Upper	
165	100		
63	52.0	46.2	69.2
89	81.1	70.6	105.8
182	2.9	2.2	3.2

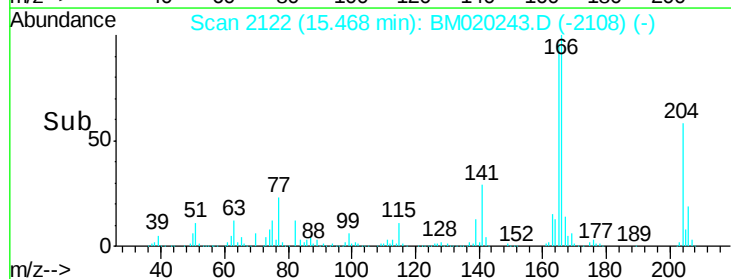
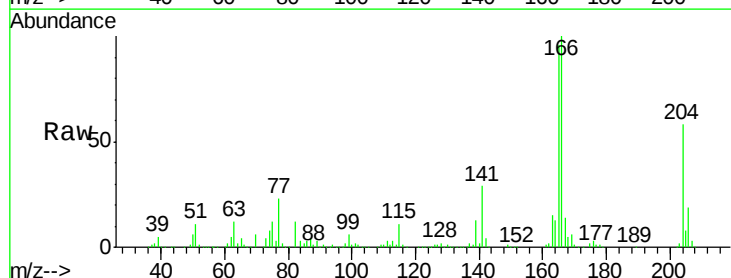
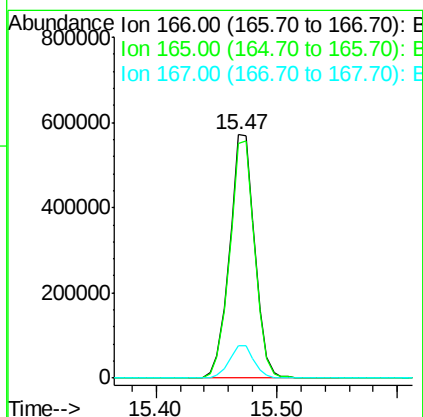
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#58
 Fluorene
 Concen: 49.220 ng
 RT: 15.47 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:	166	Resp:	825650
Ion Ratio	Lower	Upper	
166	100		
165	96.3	78.2	117.2
167	13.6	11.0	16.4





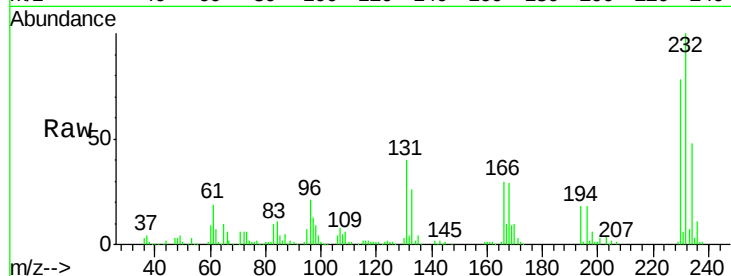
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.459 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

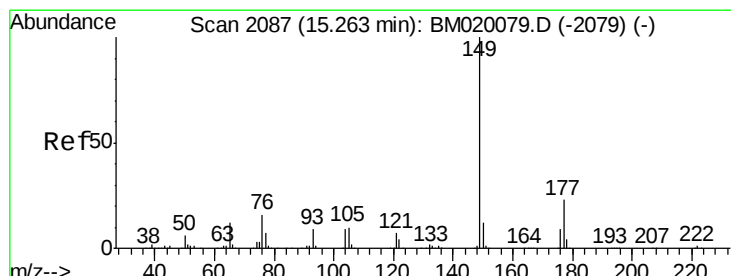
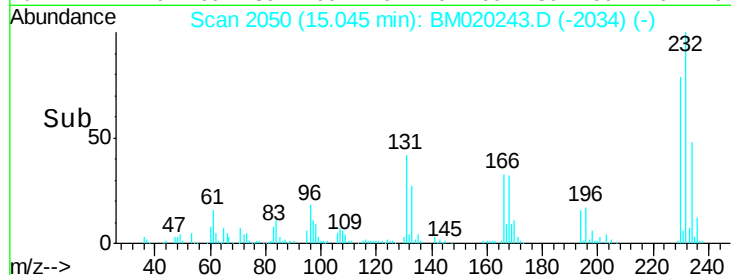
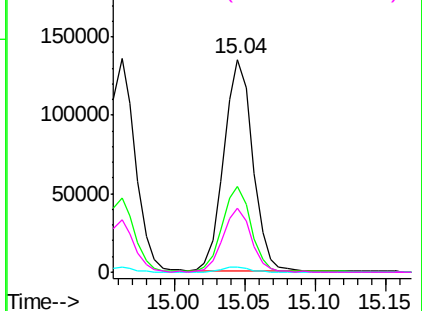
Tgt Ion	Ratio	Resp	Lower	Upper
232	100	191743		
131	39.5	34.2	51.4	
130	2.4	2.0	3.0	
166	29.8	23.8	35.8	

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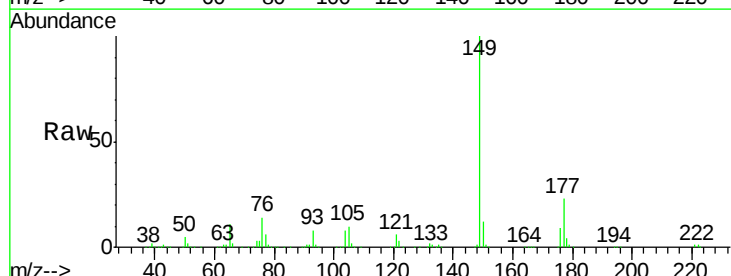


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

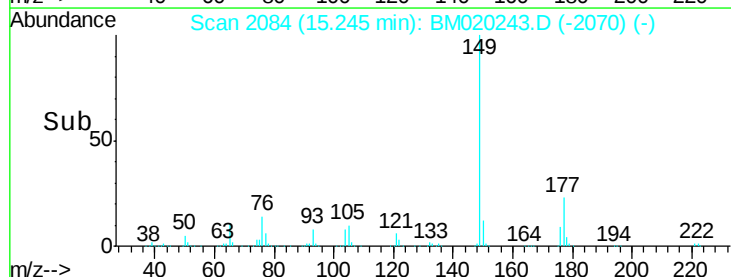
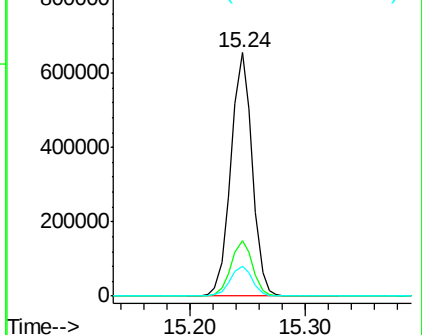


#60
Diethylphthalate
Concen: 48.687 ng
RT: 15.24 min Scan# 2084
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	837007		
177	22.9	18.2	27.4	
150	12.3	9.9	14.9	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





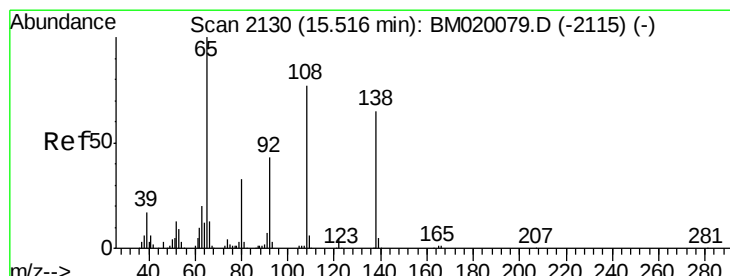
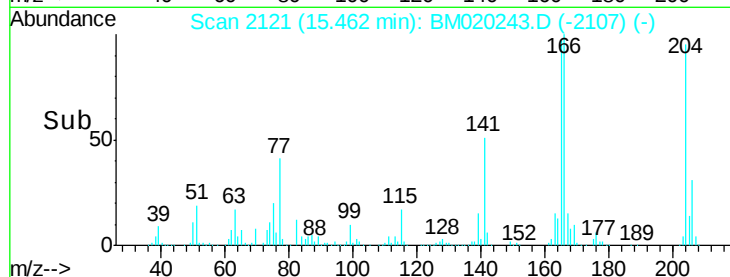
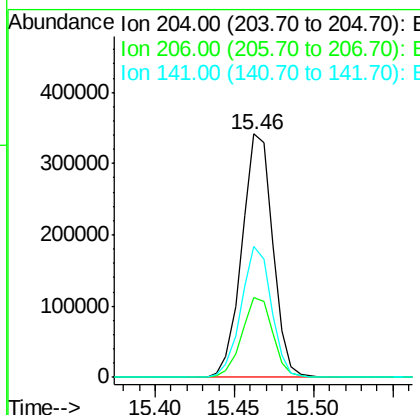
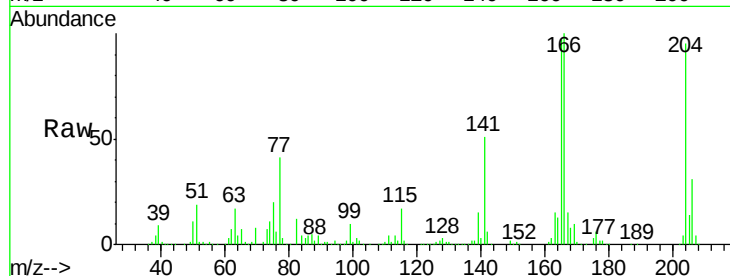
#61
 4-Chlorophenyl-phenylether
 Concen: 48.523 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampled :
 HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	461189		
206	32.9	25.6	38.4	
141	53.9	46.1	69.1	

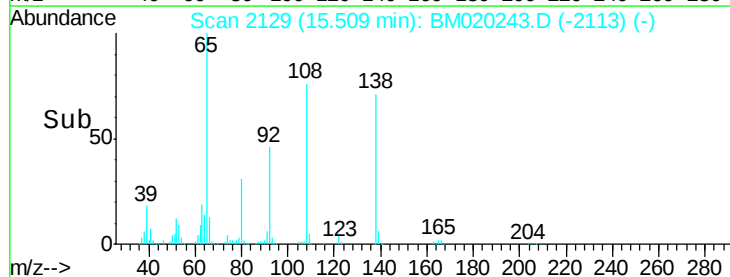
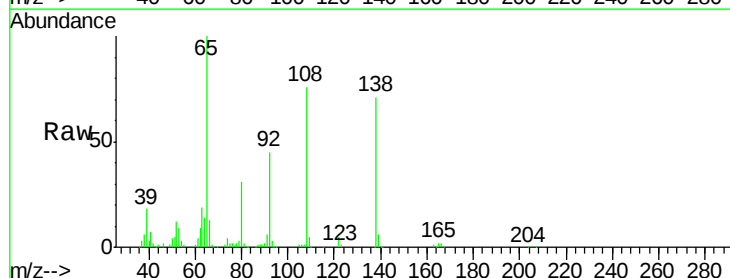
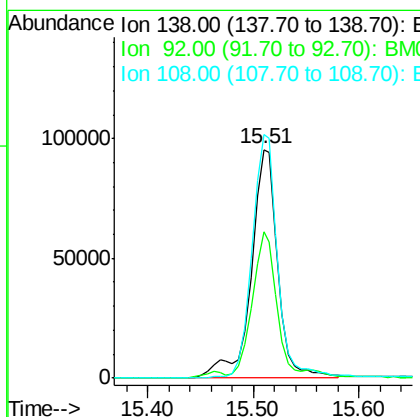
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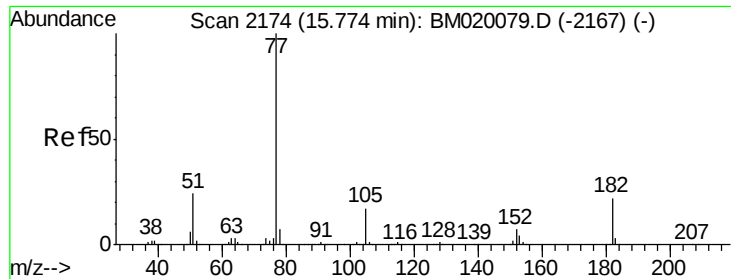
mohammad
 5/13/2019 8:25:09 AM



#62
 4-Nitroaniline
 Concen: 46.033 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	169457		
92	63.9	45.9	85.9	
108	106.5	97.7	137.7	





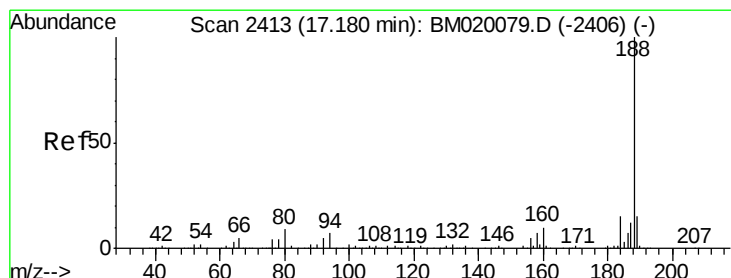
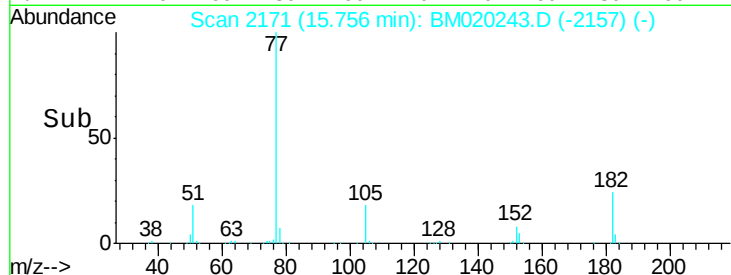
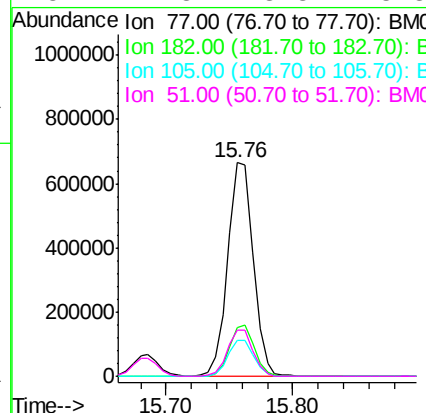
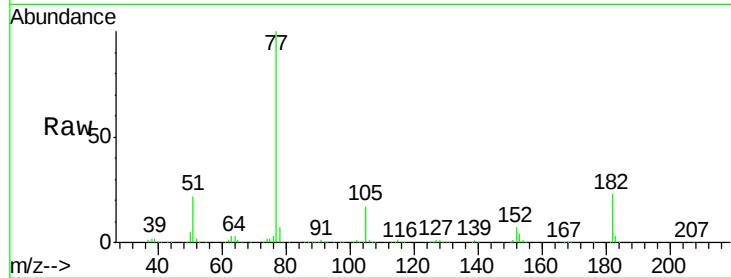
#63
Azobenzene
Concen: 45.564 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.6	2.1	42.1
105	16.9	0.0	36.8
51	21.8	3.8	43.8

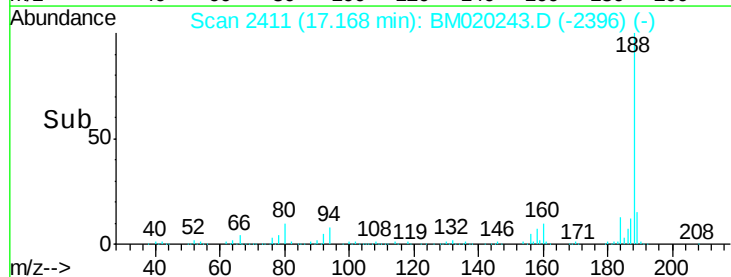
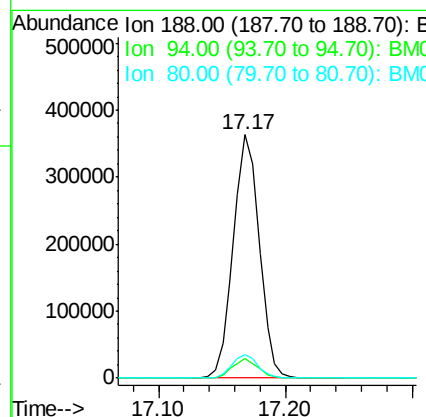
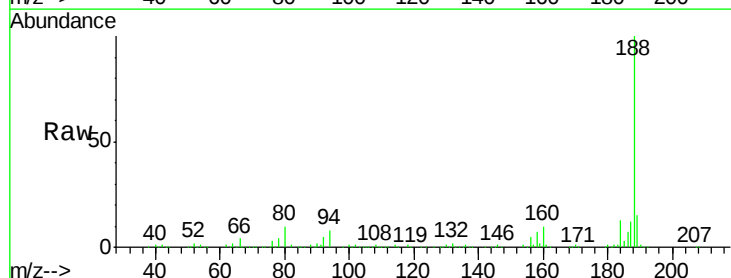
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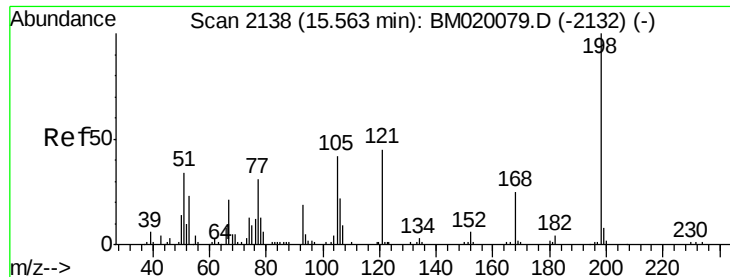
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	9.8	7.4	11.2





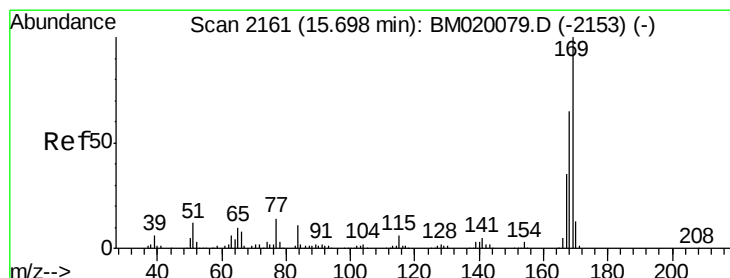
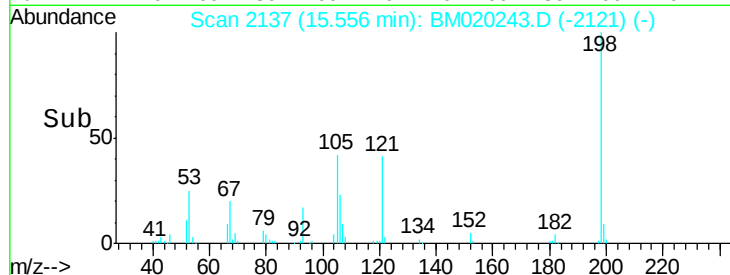
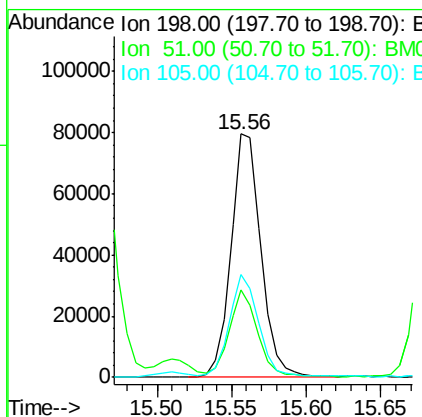
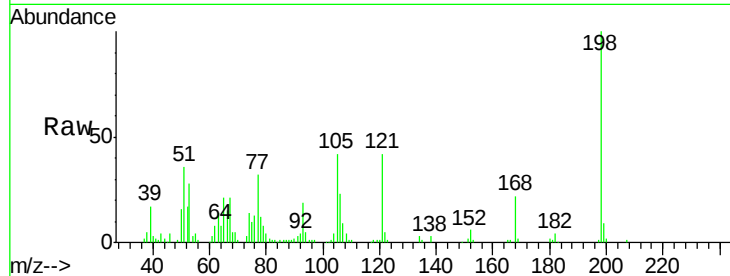
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.844 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	112124		
51	36.1	16.5	56.5	
105	42.0	22.8	62.8	

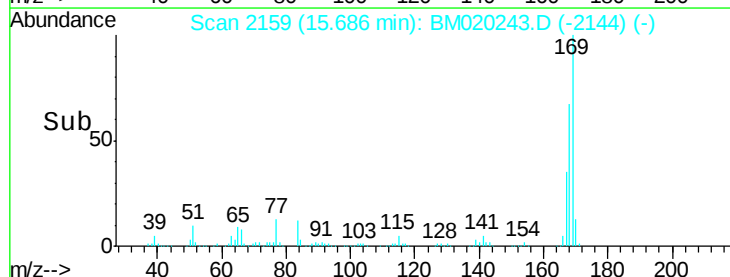
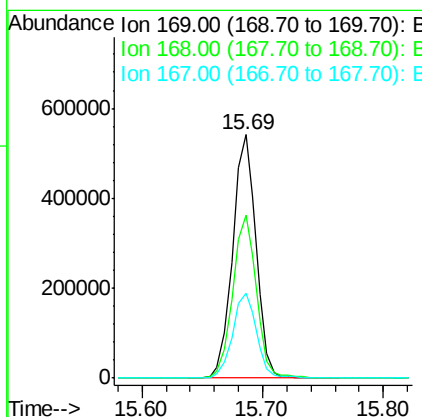
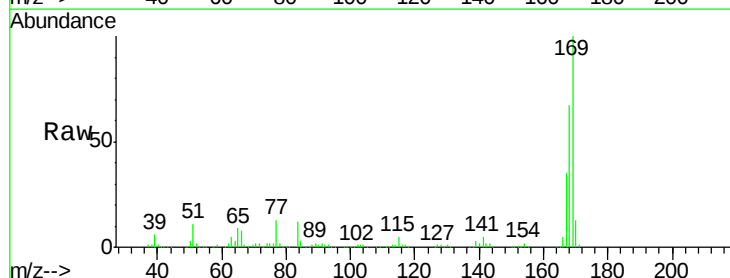
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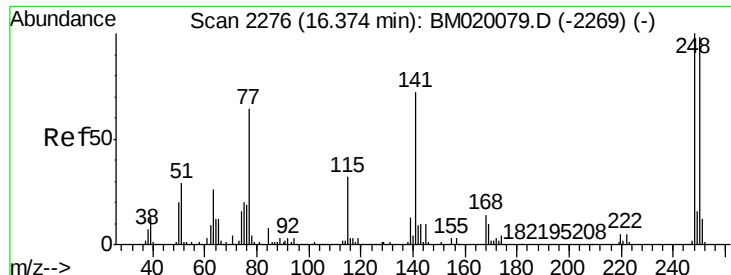
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 48.158 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	730384		
168	66.8	51.9	77.9	
167	35.0	27.8	41.6	





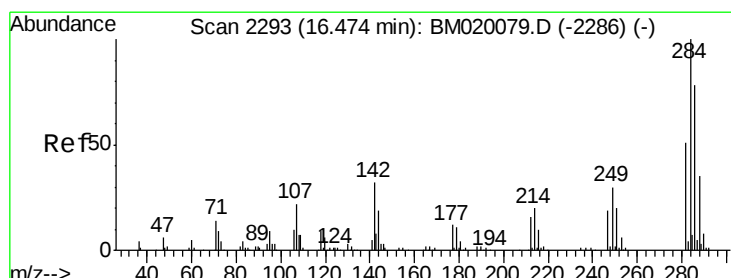
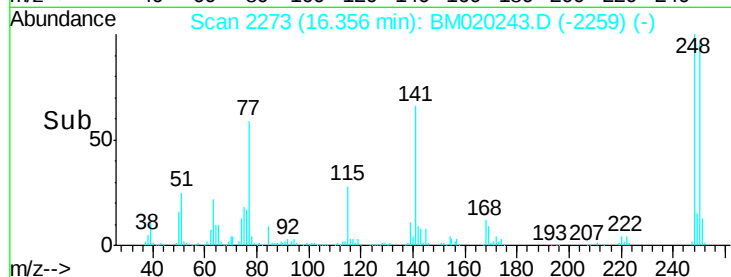
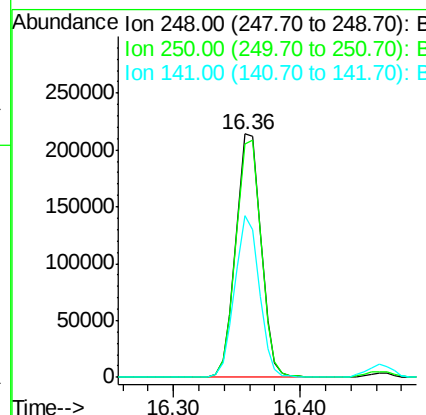
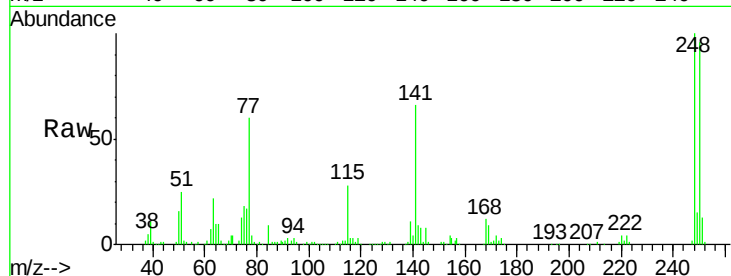
#67
 4-Bromophenyl-phenylether
 Concen: 46.643 ng
 RT: 16.36 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	294800		
250	95.6	78.4	117.6	
141	66.3	57.4	86.2	

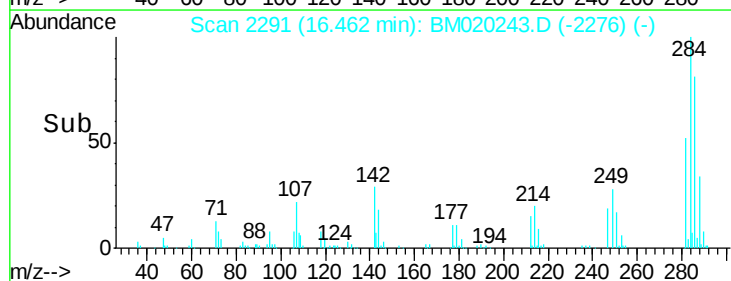
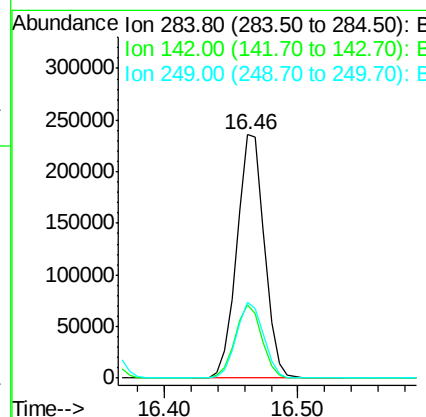
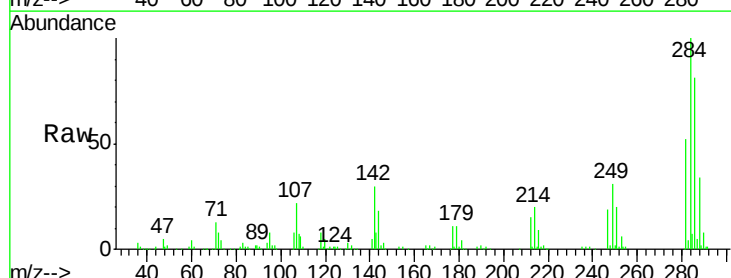
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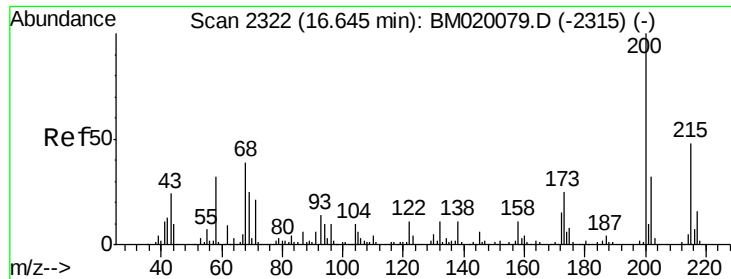
mohammad
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#68
 Hexachlorobenzene
 Concen: 46.682 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	339524		
142	30.0	25.2	37.8	
249	31.3	23.6	35.4	





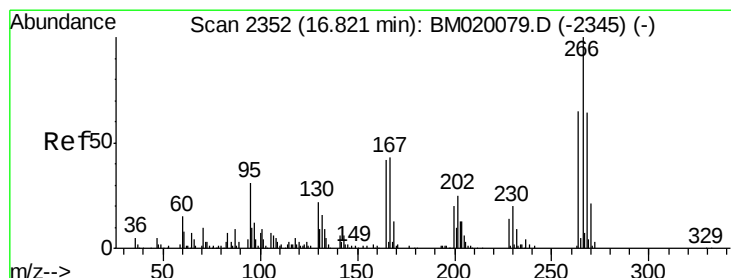
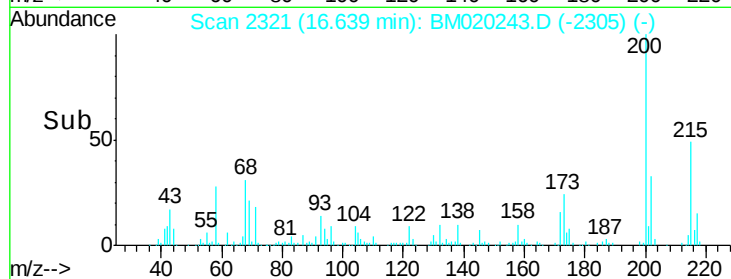
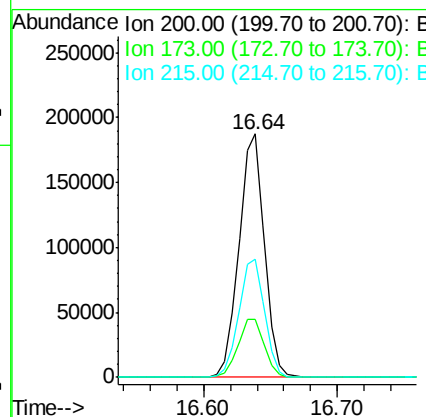
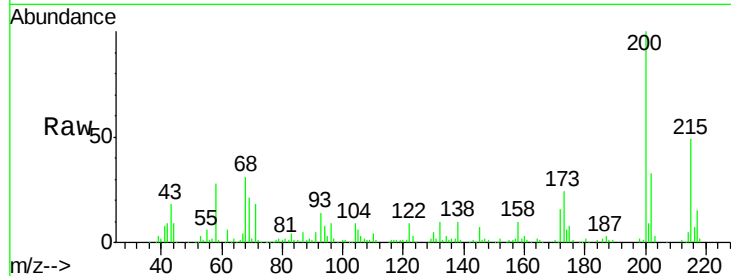
#69
Atrazine
Concen: 41.861 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampled :
HW-7MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	23.7	4.6	44.6
215	48.5	28.0	68.0

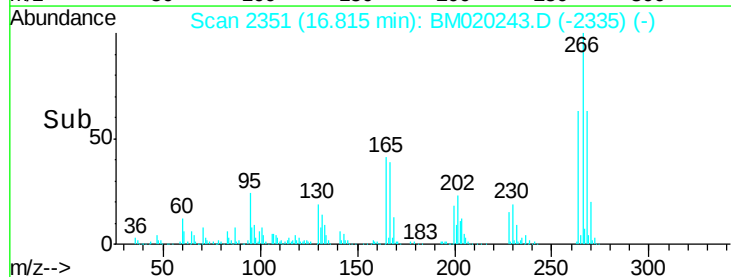
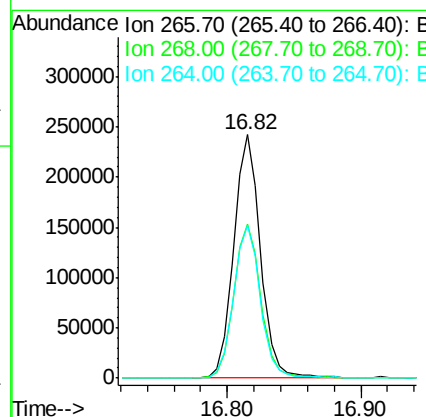
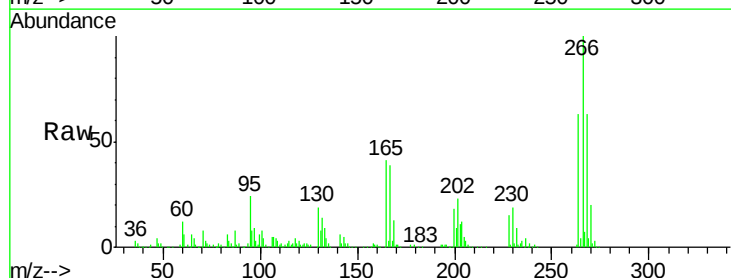
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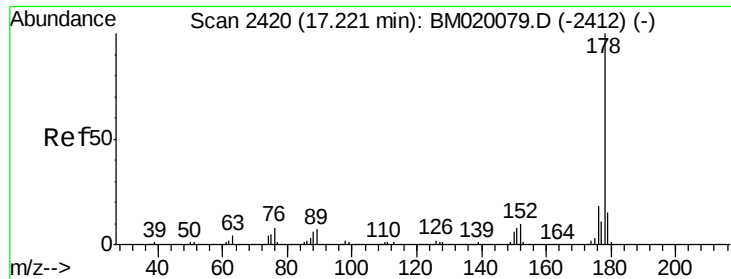
mohammad
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#70
Pentachlorophenol
Concen: 81.616 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.5	51.4	77.0
264	62.5	52.0	78.0





#71

Phenanthrene

Concen: 48.230 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

Tgt Ion:178 Resp: 1372233

Ion Ratio Lower Upper

178 100

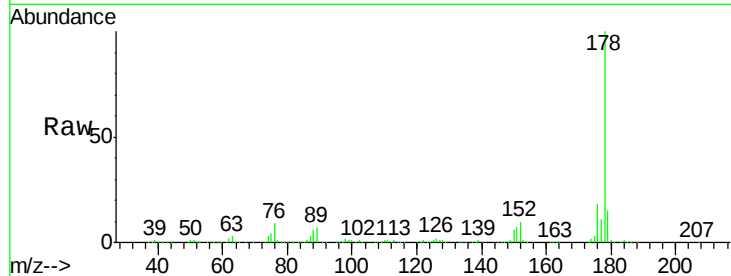
176 18.2 14.6 21.8

179 15.1 12.4 18.6

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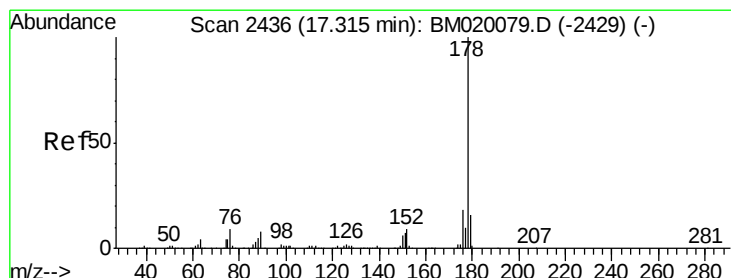
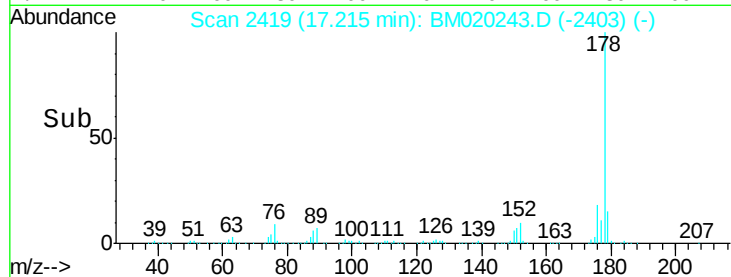
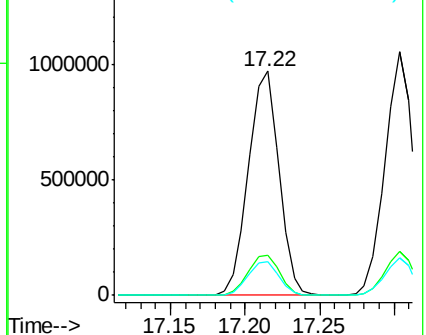
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.127 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

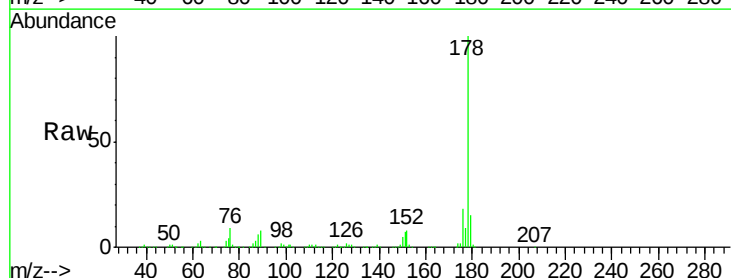
Tgt Ion:178 Resp: 1397509

Ion Ratio Lower Upper

178 100

176 18.1 14.6 22.0

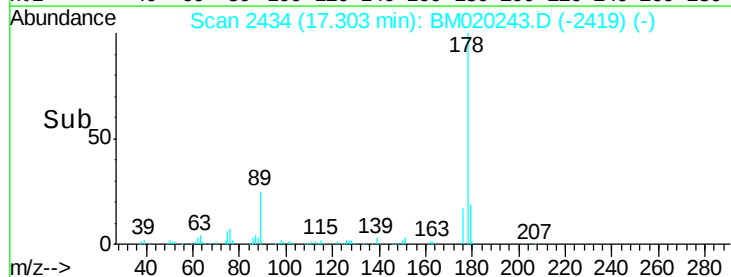
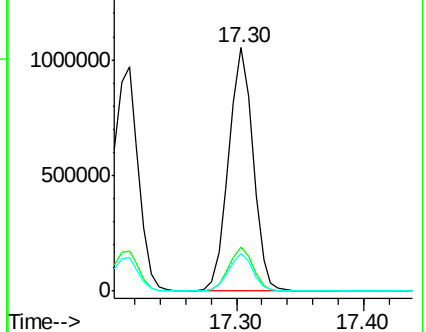
179 15.4 12.4 18.6

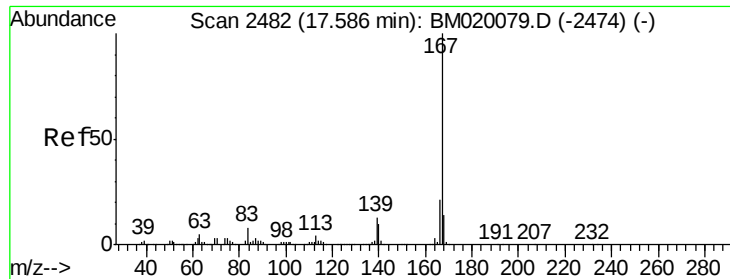


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





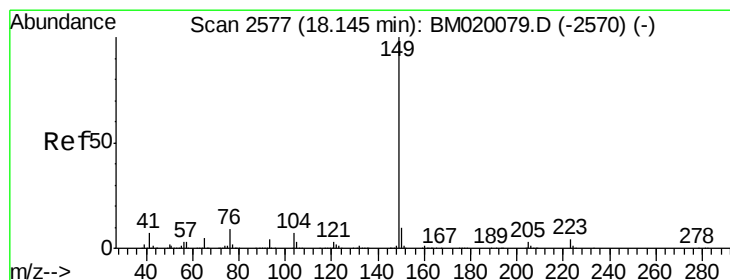
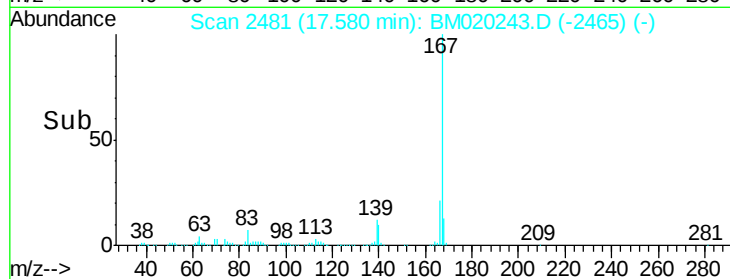
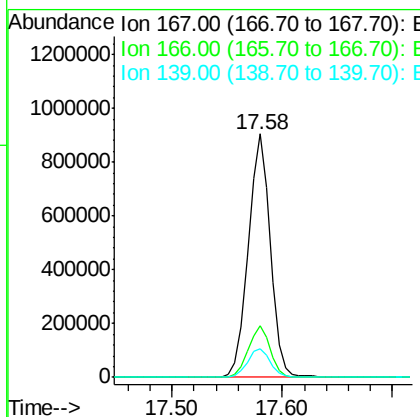
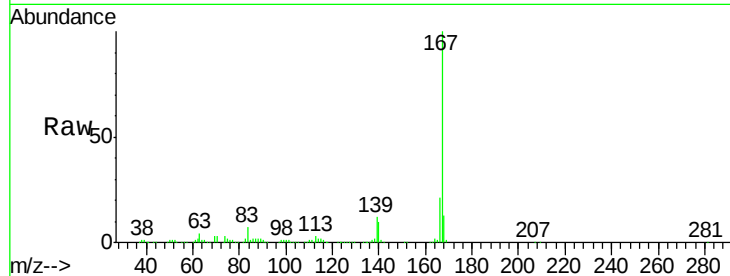
#73
 Carbazole
 Concen: 49.586 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.0	10.6	16.0

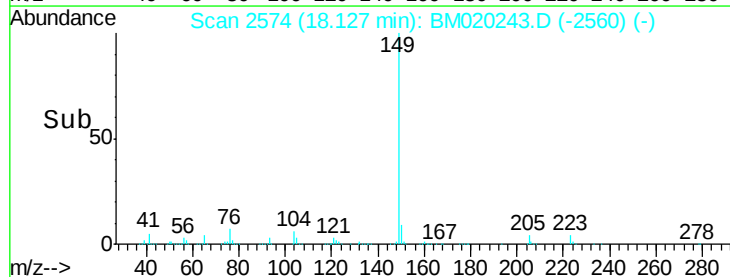
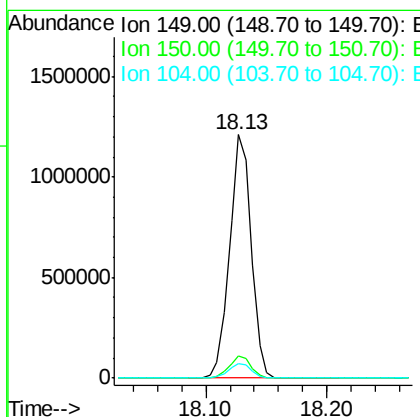
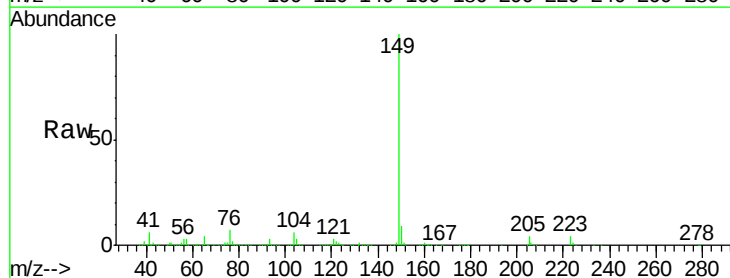
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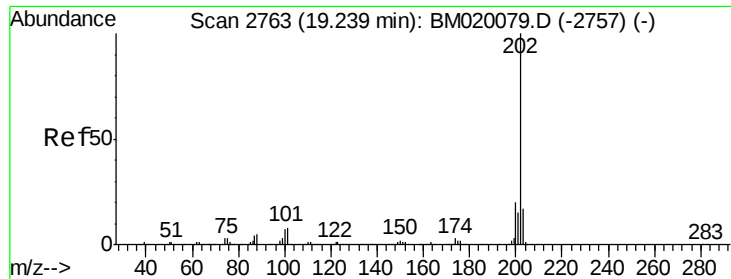
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.771 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	6.2	5.7	8.5





#75

Fluoranthene

Concen: 49.990 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

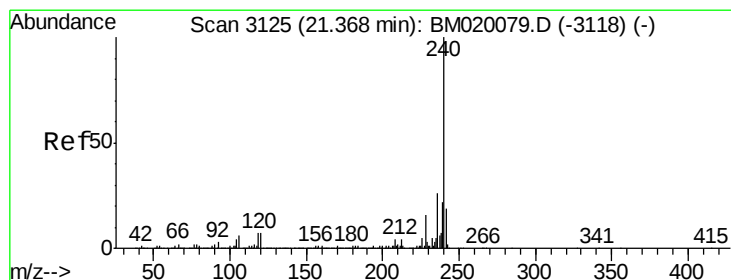
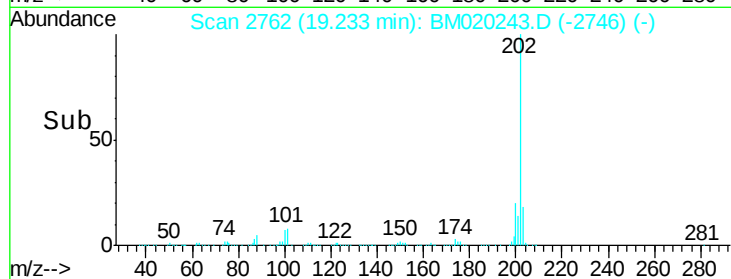
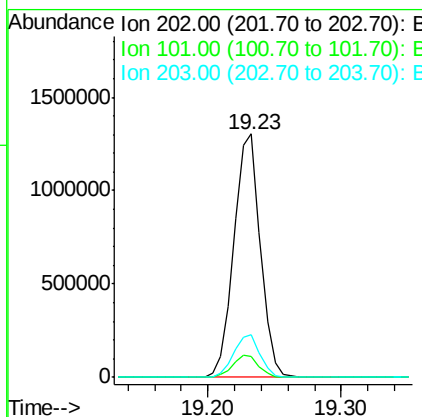
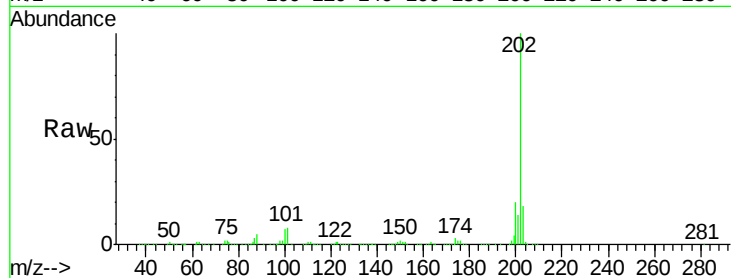
ClientSampleId :

HW-7MS

Tgt Ion:	202	Resp:	1799578
Ion Ratio	Lower	Upper	
202	100		
101	8.4	0.0	28.4
203	17.6	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

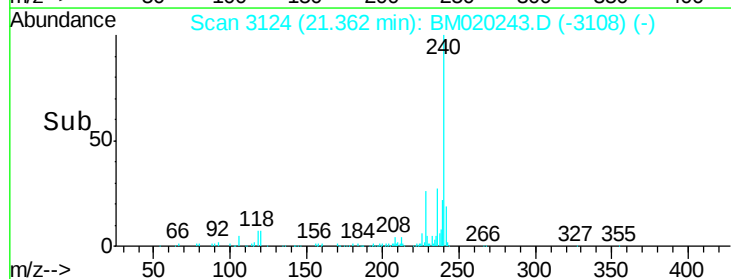
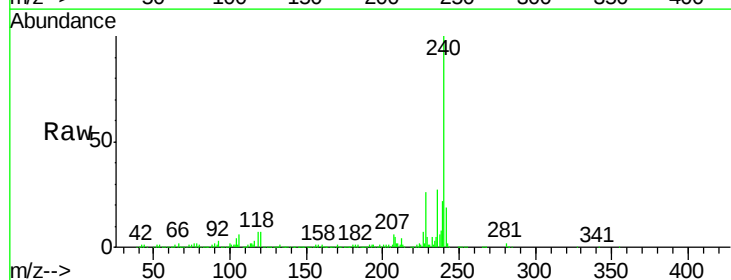
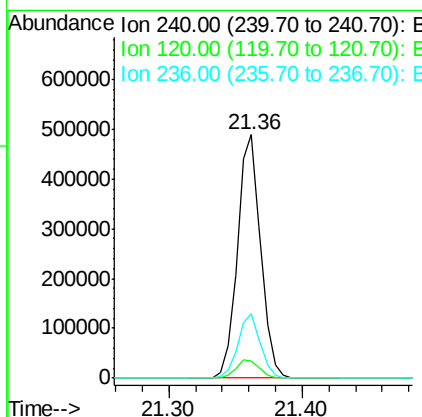
RT: 21.36 min Scan# 3124

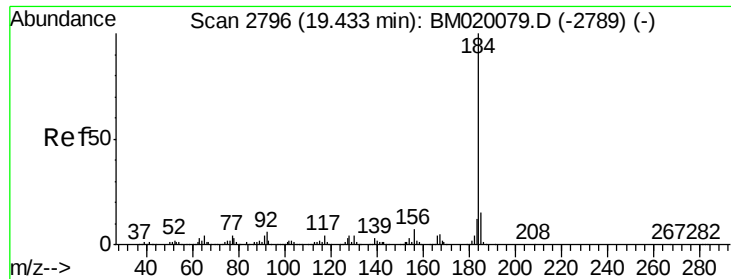
Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	240	Resp:	589024
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.6	8.4
236	26.6	20.9	31.3





#77

Benzidine

Concen: 14.583 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

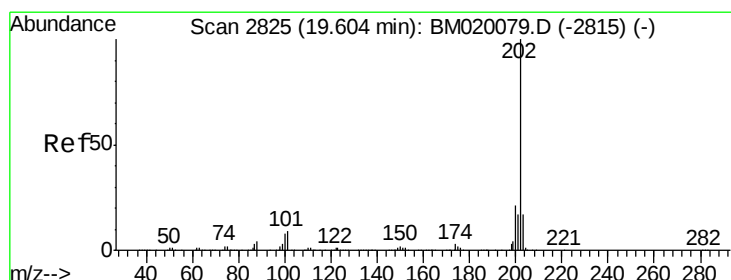
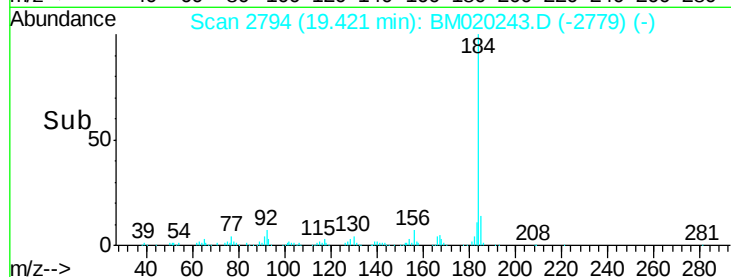
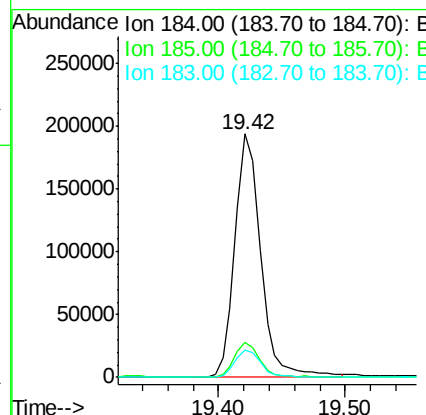
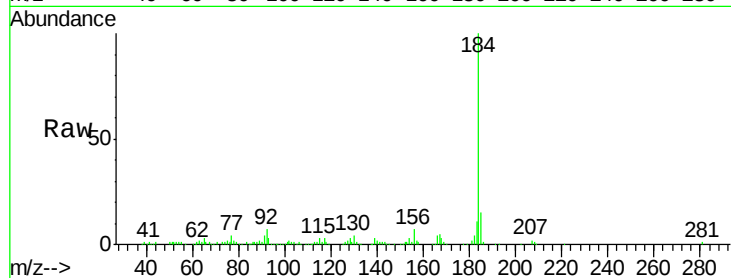
ClientSampled :

HW-7MS

Tgt Ion:	184	Resp:	274626
Ion Ratio		Lower	Upper
184	100		
185	14.5	12.0	18.0
183	11.3	9.5	14.3

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#78

Pyrene

Concen: 46.924 ng

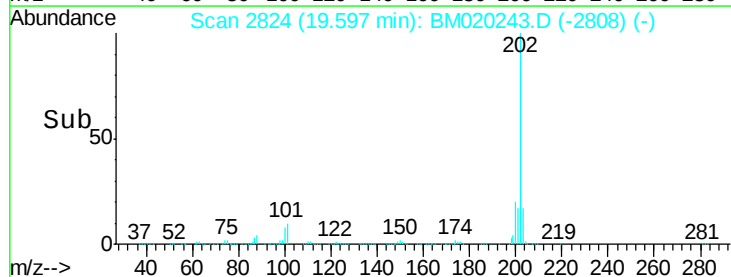
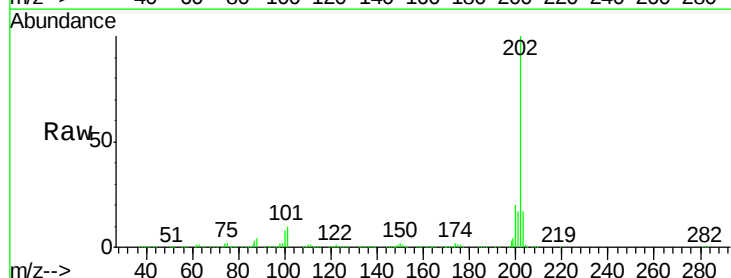
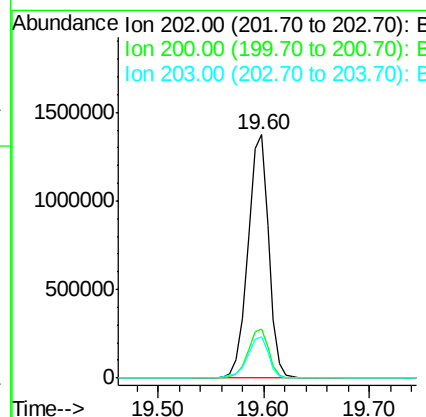
RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Tgt Ion:	202	Resp:	1855676
Ion Ratio		Lower	Upper
202	100		
200	19.9	16.5	24.7
203	17.1	13.9	20.9





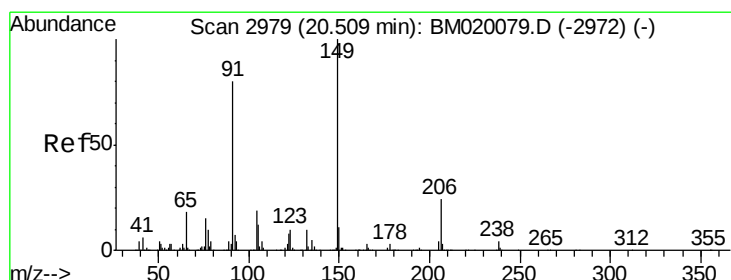
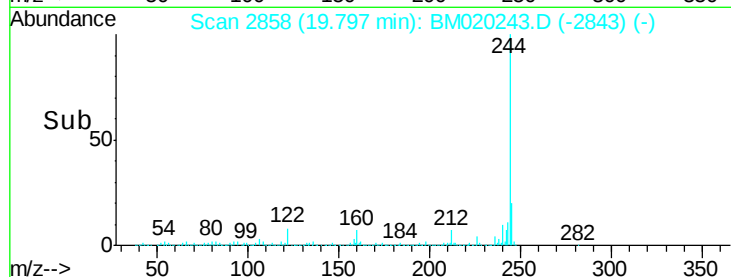
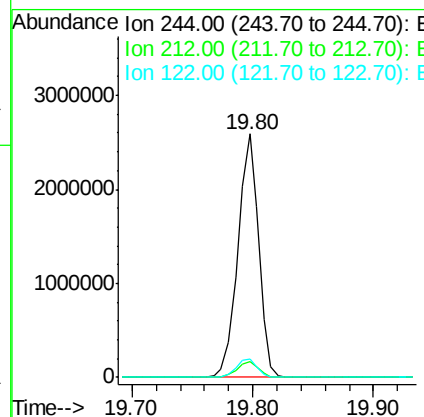
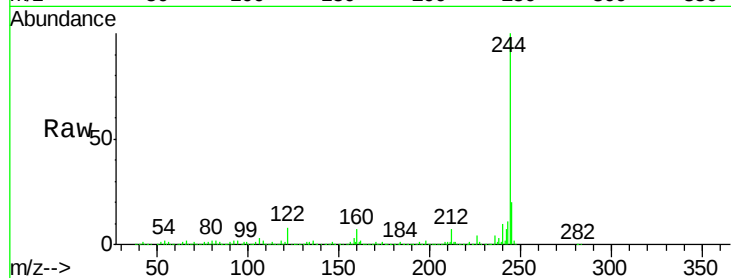
#79
 Terphenyl-d14
 Concen: 91.825 ng
 RT: 19.80 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion:244 Resp: 3100944
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 7.7 6.2 9.2

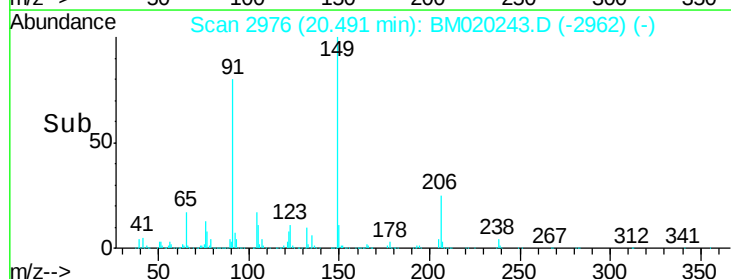
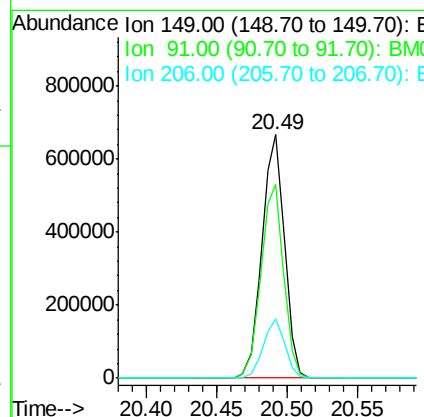
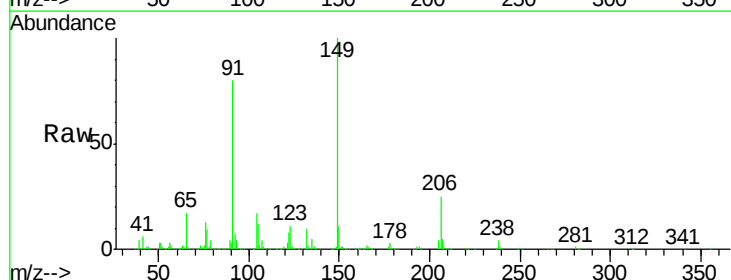
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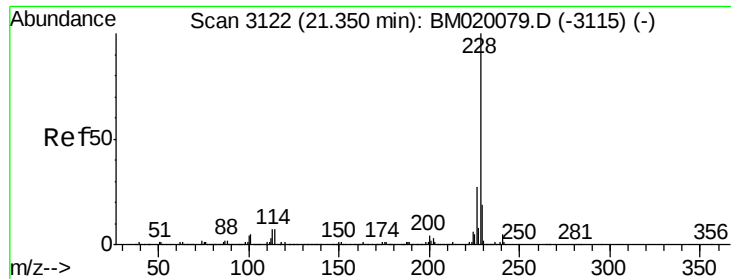
mohammad
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#80
 Butylbenzylphthalate
 Concen: 52.541 ng
 RT: 20.49 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion:149 Resp: 755606
 Ion Ratio Lower Upper
 149 100
 91 79.6 63.8 95.8
 206 24.6 18.9 28.3





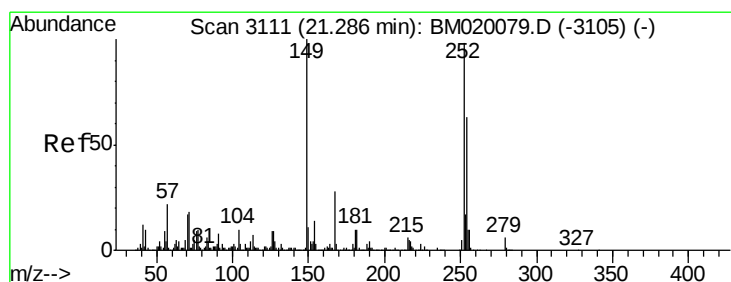
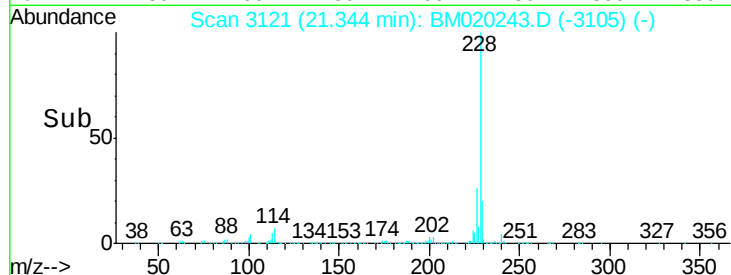
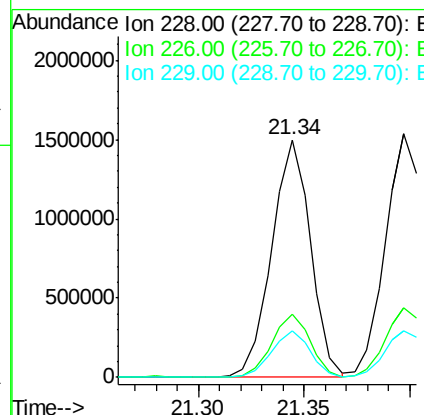
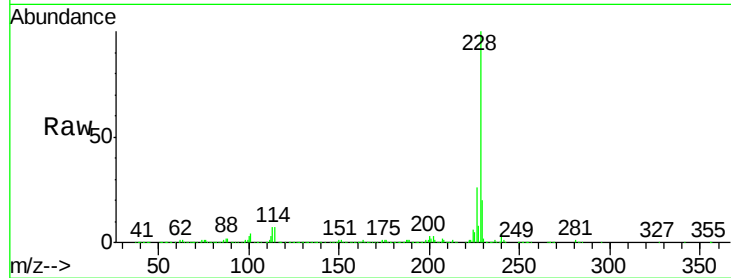
#81
Benzo(a)anthracene
Concen: 46.404 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.7	15.5	23.3

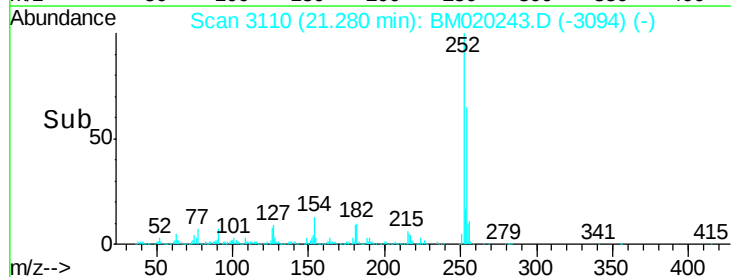
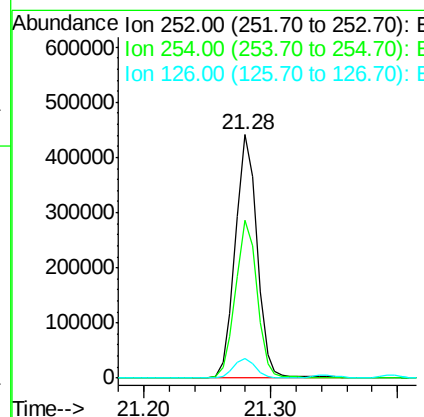
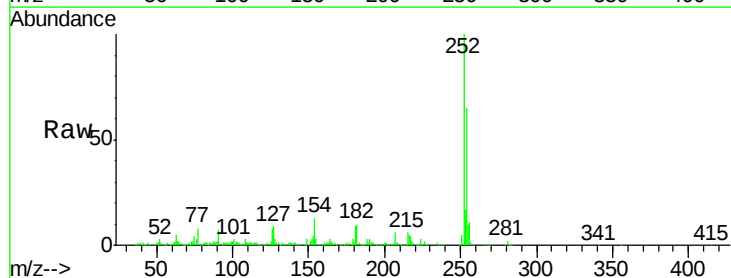
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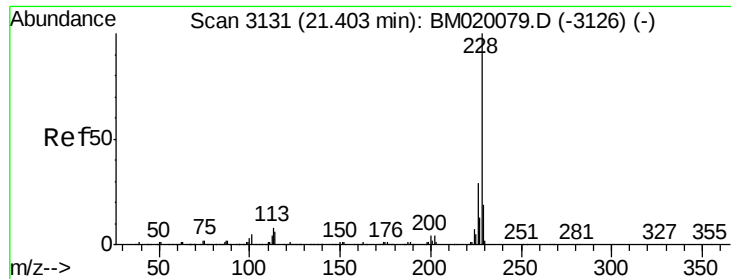
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.260 ng
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.1	76.7
126	8.3	7.1	10.7





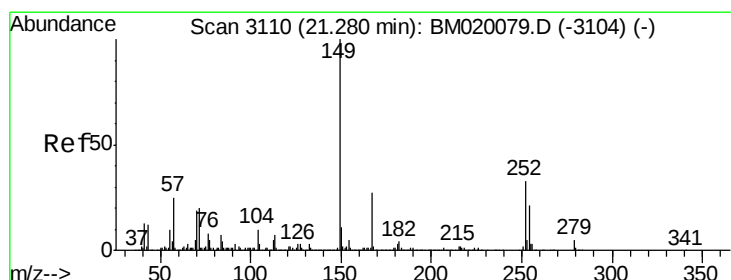
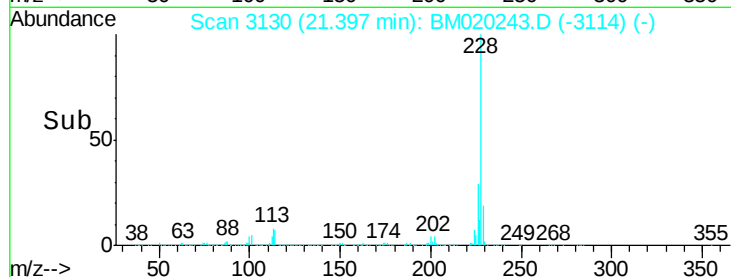
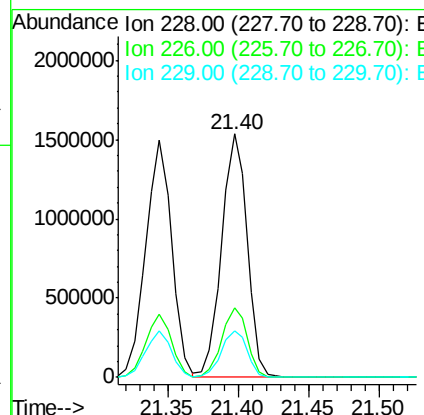
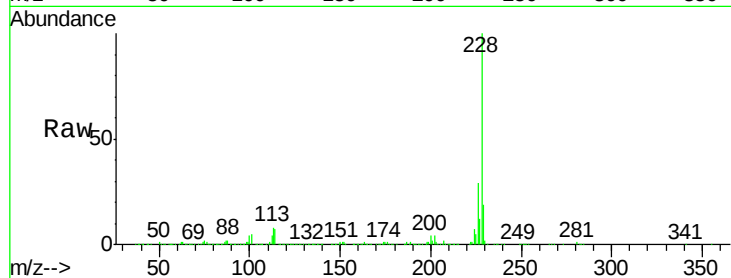
#83
 Chrysene
 Concen: 47.984 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.0	34.6
229	19.2	15.5	23.3

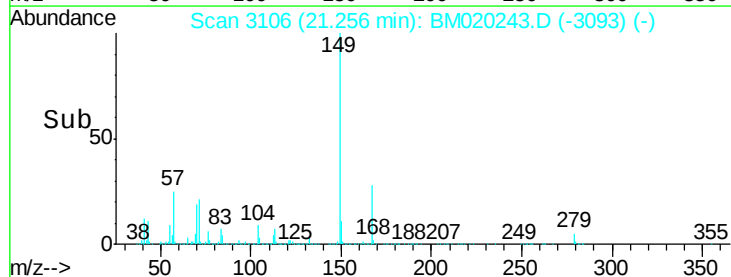
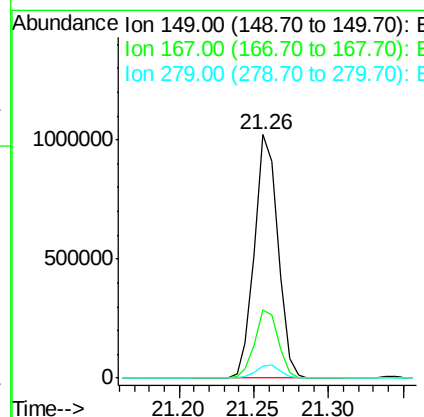
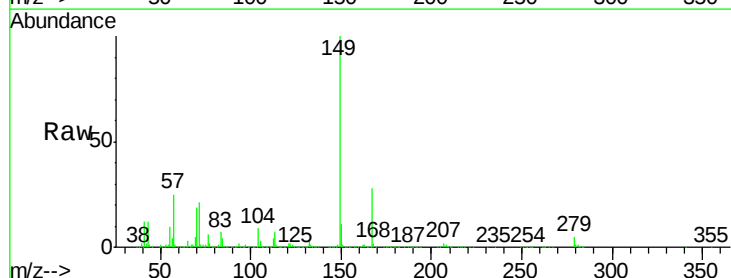
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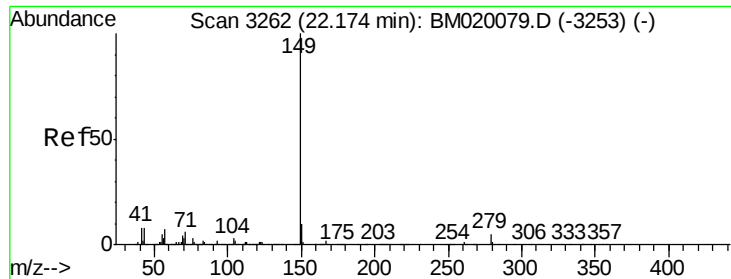
mohammad
 5/13/2019 8:25:09 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.573 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM020243.D
 Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.3	21.8	32.8
279	4.8	4.2	6.2





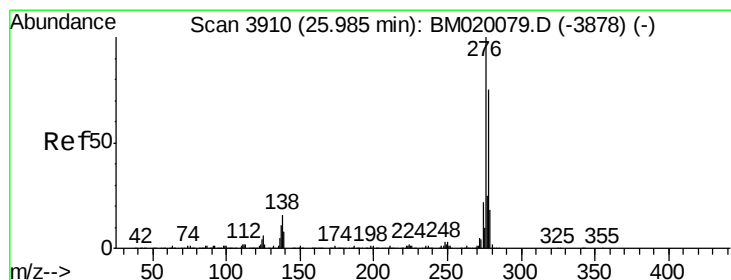
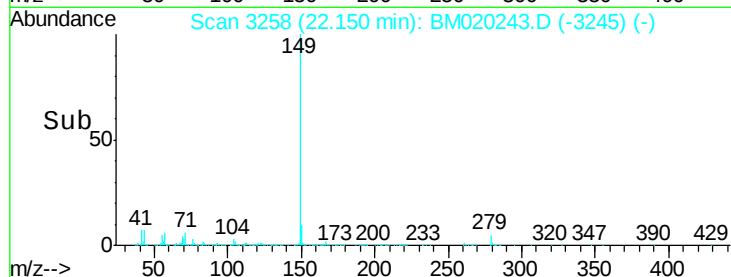
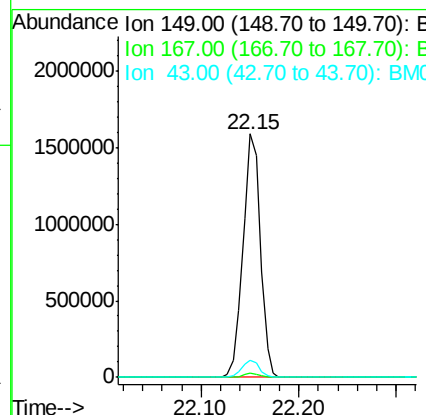
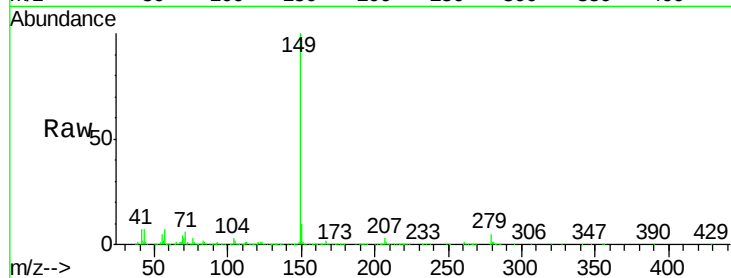
#85
Di-n-octyl phthalate
Concen: 52.857 ng
RT: 22.15 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.9	6.5	9.7

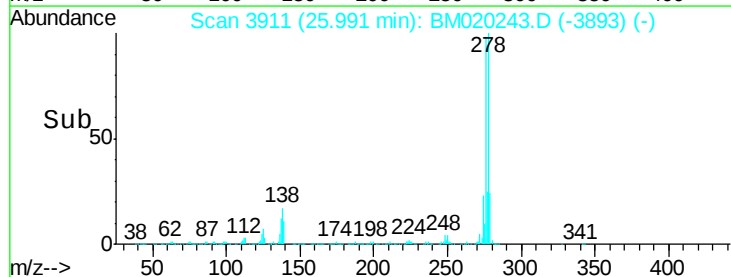
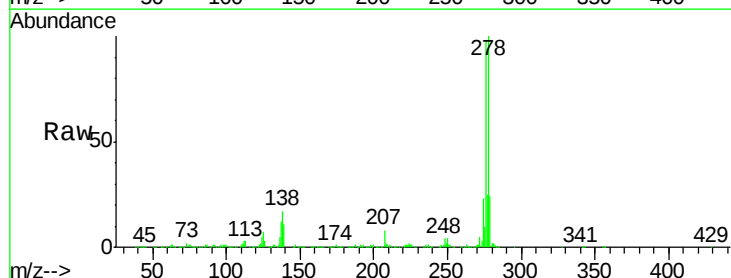
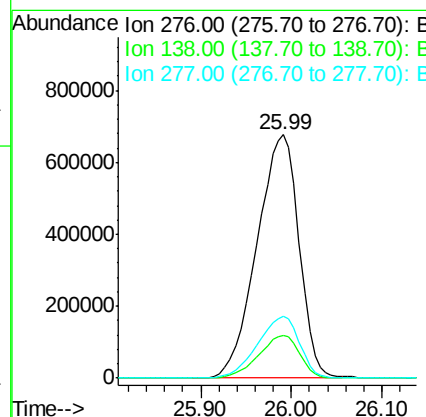
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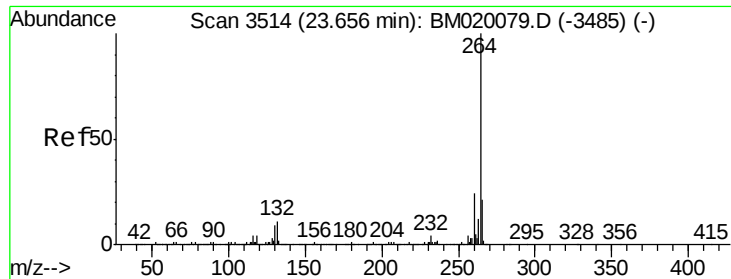
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.901 ng
RT: 25.99 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	0.0	0.0#
277	25.4	0.0	0.0#





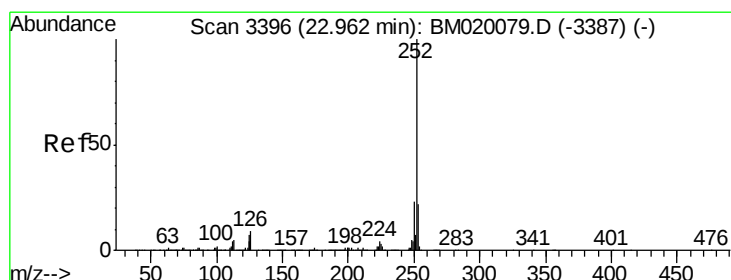
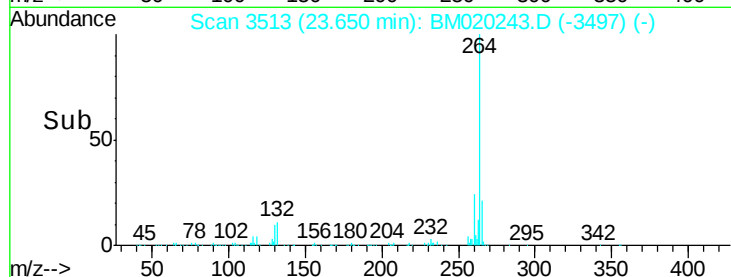
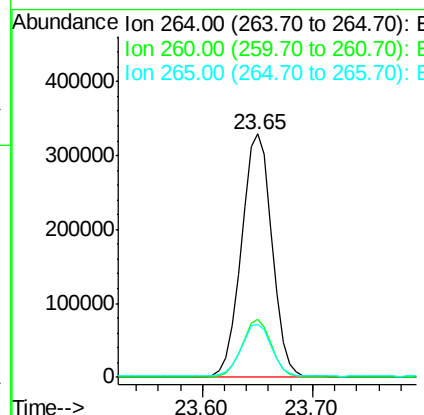
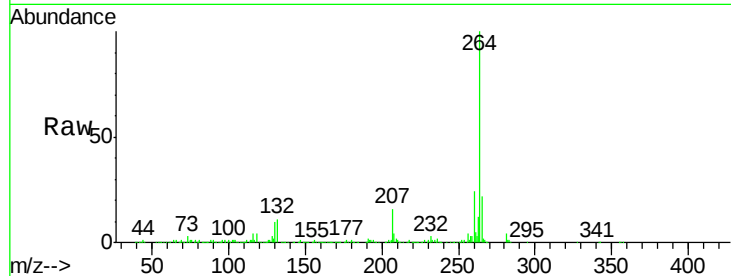
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	16.9	25.3

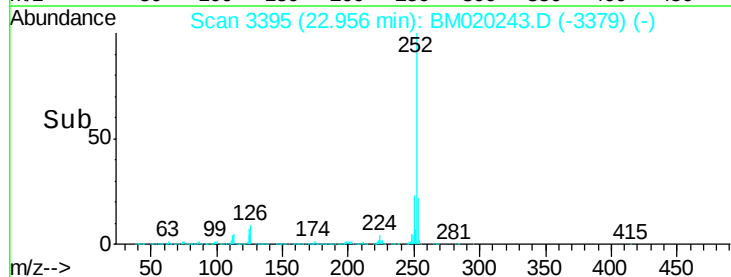
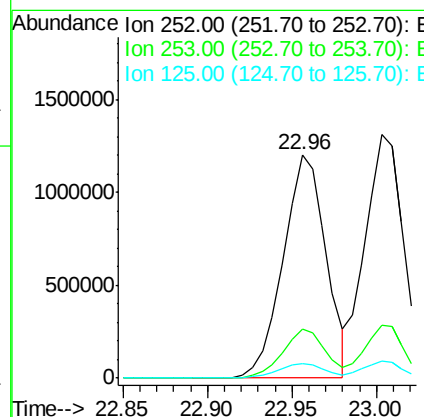
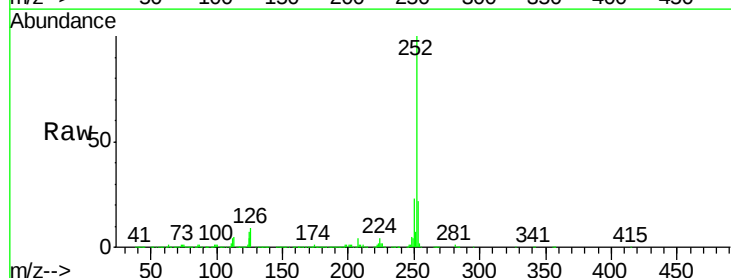
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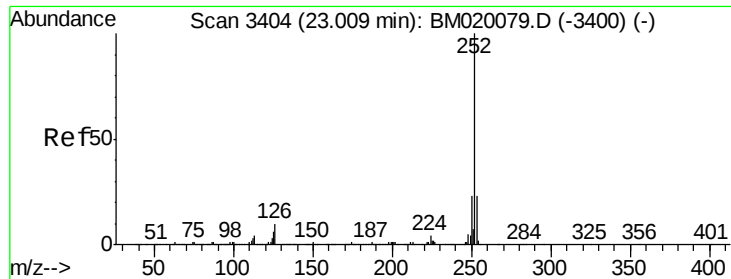
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.643 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	6.7	5.4	8.2





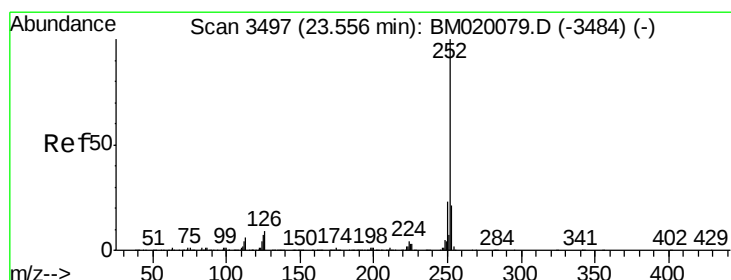
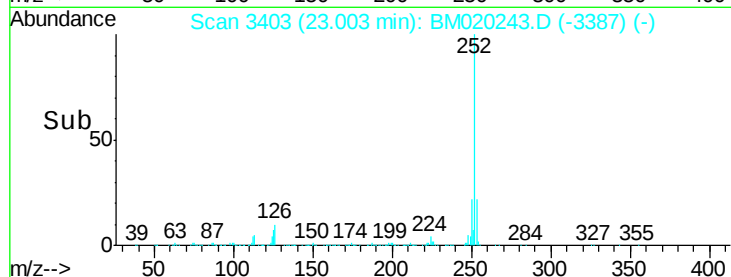
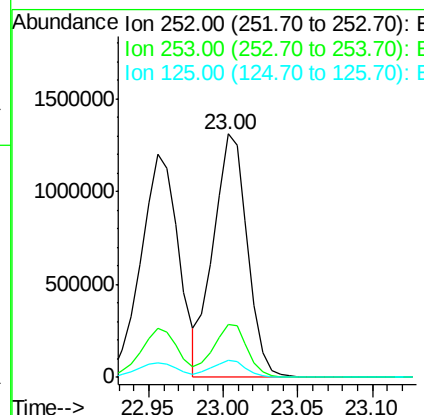
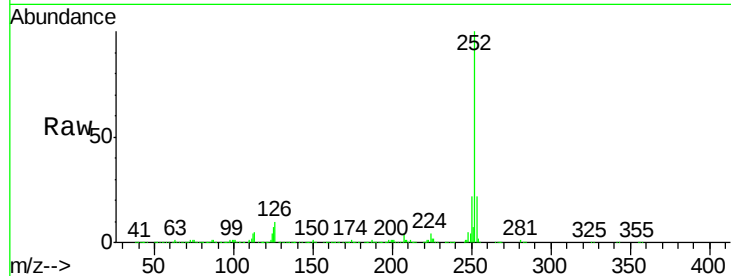
#89
Benzo(k)fluoranthene
Concen: 53.550 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Instrument :
BNA_M
ClientSampleId :
HW-7MS

Tgt Ion: 252 Resp: 2073412
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 6.8 5.4 8.0

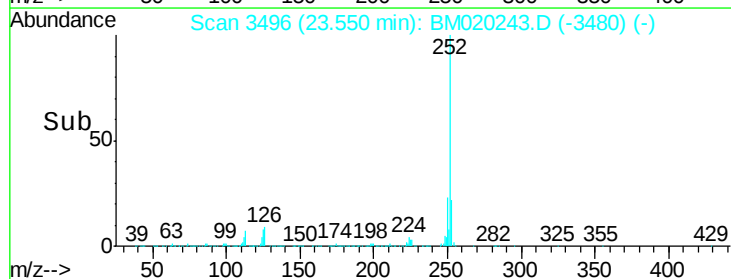
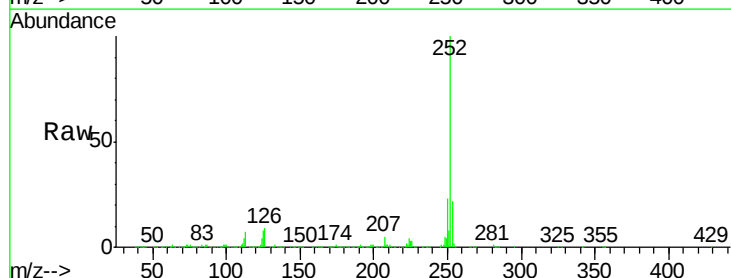
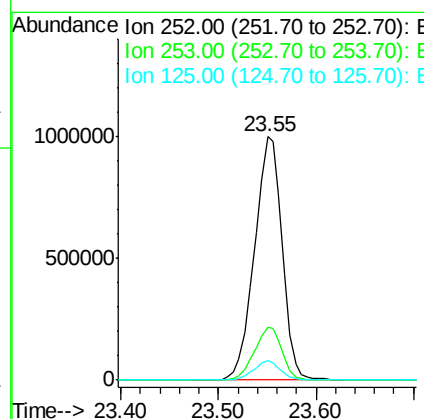
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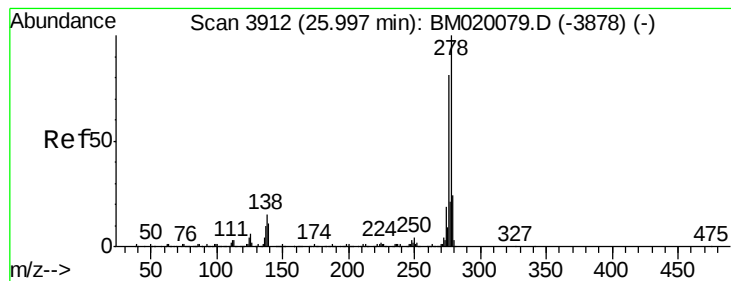
mohammad
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#90
Benzo(a)pyrene
Concen: 51.558 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020243.D
Acq: 10 May 2019 15:51

Tgt Ion: 252 Resp: 1987846
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 7.8 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 47.709 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

Instrument :

BNA_M

ClientSampleId :

HW-7MS

Tgt Ion:278 Resp: 1912934

Ion Ratio Lower Upper

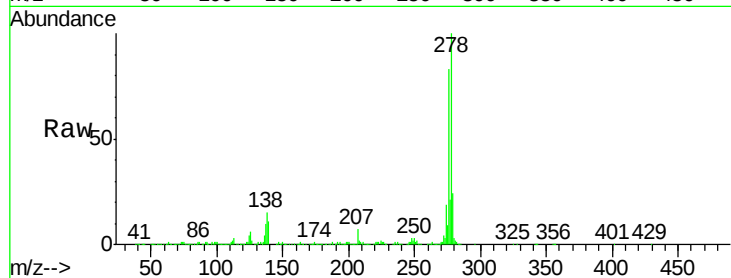
278 100

139 10.8 8.6 13.0

279 23.5 18.8 28.2

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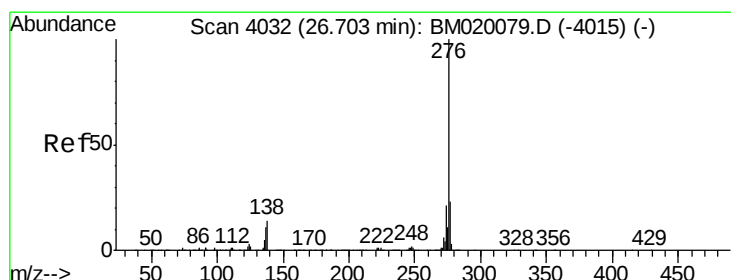
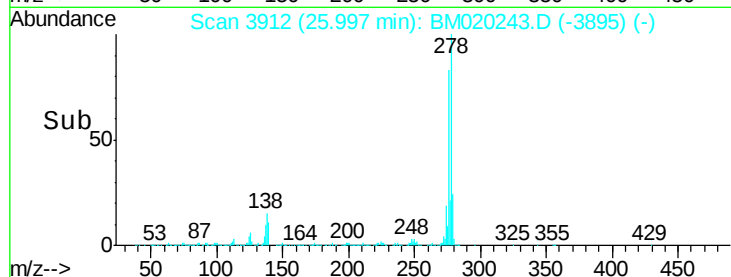
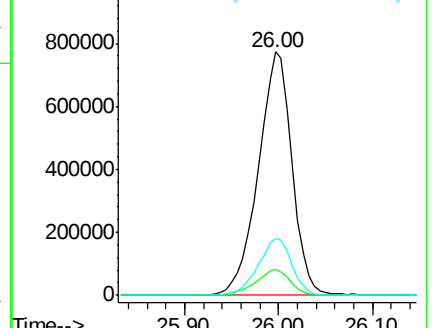
mohammad
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.040 ng

RT: 26.71 min Scan# 4033

Delta R.T. 0.01 min

Lab File: BM020243.D

Acq: 10 May 2019 15:51

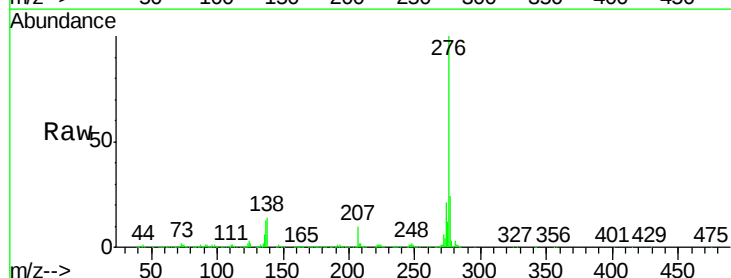
Tgt Ion:276 Resp: 1714539

Ion Ratio Lower Upper

276 100

277 23.6 18.4 27.6

138 13.9 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

