

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020244.D
 Acq On : 10 May 2019 16:28
 Operator : JU/SJ
 Sample : K2555-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Manual Integrations
 APPROVED

mohammad
 5/13/2019 8:25:12 AM

Quant Time: May 11 02:08:17 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	66232	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	283393	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	200670	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	515719	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	598816	20.00	ng	0.00
87) Perylene-d12	23.65	264	673888	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	255807	63.13	ng	-0.01
7) Phenol-d6	6.94	99	236066	42.65	ng	-0.01
23) Nitrobenzene-d5	8.95	82	640506	89.23	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	459282	147.45	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1409635	86.43	ng	-0.02
79) Terphenyl-d14	19.80	244	3093782	90.12	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	28385	14.284	ng	# 93
3) Pyridine	3.69	79	76013	14.956	ng	96
4) n-Nitrosodimethylamine	3.61	42	26209	16.081	ng	# 81
6) Aniline	7.11	93	164011	23.537	ng	98
8) 2-Chlorophenol	7.34	128	158591	35.946	ng	95
9) Benzaldehyde	6.93	77	63203	15.086	ng	90
10) Phenol	6.97	94	82238	13.800	ng	91
11) bis(2-Chloroethyl)ether	7.20	93	199491	46.059	ng	96
12) 1,3-Dichlorobenzene	7.66	146	188433	36.709	ng	96
13) 1,4-Dichlorobenzene	7.81	146	194585	37.524	ng	96
14) 1,2-Dichlorobenzene	8.12	146	190541	38.568	ng	98
15) Benzyl Alcohol	8.02	79	150033	28.108	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.30	45	160434	44.671	ng	98
17) 2-Methylphenol	8.22	107	124110	32.353	ng	96
18) Hexachloroethane	8.84	117	73606	34.043	ng	98
19) n-Nitroso-di-n-propylamine	8.58	70	222214	46.921	ng	95
20) 3+4-Methylphenols	8.55	107	145706	28.579	ng	96
22) Acetophenone	8.60	105	352691	45.537	ng	# 95
24) Nitrobenzene	8.99	77	315565	42.400	ng	95
25) Isophorone	9.50	82	581308	46.961	ng	98
26) 2-Nitrophenol	9.69	139	107167	47.696	ng	89
27) 2,4-Dimethylphenol	9.74	122	158650	42.411	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	310587	46.069	ng	99
29) 2,4-Dichlorophenol	10.22	162	196811	41.724	ng	99
30) 1,2,4-Trichlorobenzene	10.43	180	232649	40.084	ng	98
31) Naphthalene	10.62	128	628567	42.741	ng	99
32) Benzoic acid	9.84	122	35149	17.998	ng	# 90
33) 4-Chloroaniline	10.74	127	157106	25.955	ng	96
34) Hexachlorobutadiene	10.88	225	137777	33.557	ng	96
35) Caprolactam	11.60	113	11672m	8.275	ng	
36) 4-Chloro-3-methylphenol	11.86	107	220159	39.717	ng	95
37) 2-Methylnaphthalene	12.23	142	512310	47.784	ng	96
38) 1-Methylnaphthalene	12.45	142	497070	47.412	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	314009	39.996	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	294526	63.713	ng	99
43) 2,4,6-Trichlorophenol	12.84	196	198157	44.411	ng	100
44) 2,4,5-Trichlorophenol	12.92	196	215157	43.164	ng	97
46) 1,1'-Biphenyl	13.25	154	719312	43.550	ng	99
47) 2-Chloronaphthalene	13.29	162	569502	43.185	ng	99
48) 2-Nitroaniline	13.51	65	214806	45.752	ng	91
49) Acenaphthylene	14.14	152	919221	43.554	ng	99
50) Dimethylphthalate	13.89	163	781196	45.803	ng	99
51) 2,6-Dinitrotoluene	14.01	165	171863	47.843	ng	90
52) Acenaphthene	14.49	154	544919	45.024	ng	99
53) 3-Nitroaniline	14.34	138	104604	31.375	ng	93
54) 2,4-Dinitrophenol	14.55	184	176717	96.284	ng	90
55) Dibenzofuran	14.82	168	928432	45.478	ng	96
56) 4-Nitrophenol	14.65	139	88560	31.133	ng	88
57) 2,4-Dinitrotoluene	14.80	165	249169	51.047	ng	93
58) Fluorene	15.47	166	776636	46.321	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	214407	45.264	ng	96
60) Diethylphthalate	15.24	149	790369	45.997	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	434722	45.761	ng	95
62) 4-Nitroaniline	15.51	138	163035m	44.310	ng	
63) Azobenzene	15.76	77	867159	42.778	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	121743	46.967	ng	93
66) n-Nitrosodiphenylamine	15.69	169	689987	45.468	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	275910	43.629	ng	95
68) Hexachlorobenzene	16.46	284	320787	44.080	ng	98
69) Atrazine	16.64	200	269852	45.503	ng	99
70) Pentachlorophenol	16.82	266	373237	89.638	ng	97
71) Phenanthrene	17.21	178	1301354	45.713	ng	100
72) Anthracene	17.30	178	1328565	46.677	ng	100
73) Carbazole	17.58	167	1199459	46.703	ng	98
74) Di-n-butylphthalate	18.13	149	1427866	46.198	ng	99
75) Fluoranthene	19.23	202	1720155	47.756	ng	99
77) Benzidine	19.42	184	617951	32.278	ng	100
78) Pyrene	19.60	202	1779405	44.260	ng	100
80) Butylbenzylphthalate	20.49	149	727433	49.755	ng	98
81) Benzo(a)anthracene	21.34	228	1871094	44.555	ng	99
82) 3,3'-Dichlorobenzidine	21.28	252	528262	32.959	ng	100
83) Chrysene	21.40	228	1851069	45.450	ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1067403	47.050	ng	98
85) Di-n-octyl phthalate	22.15	149	1884681	49.983	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	2128112	43.929	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2046331	45.985	ng	100
89) Benzo(k)fluoranthene	23.00	252	2025000	49.886	ng	99
90) Benzo(a)pyrene	23.55	252	1947525	48.182	ng	98
91) Dibenzo(a,h)anthracene	26.00	278	1866870	44.412	ng	99
92) Benzo(g,h,i)perylene	26.70	276	1672065	41.897	ng	99

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

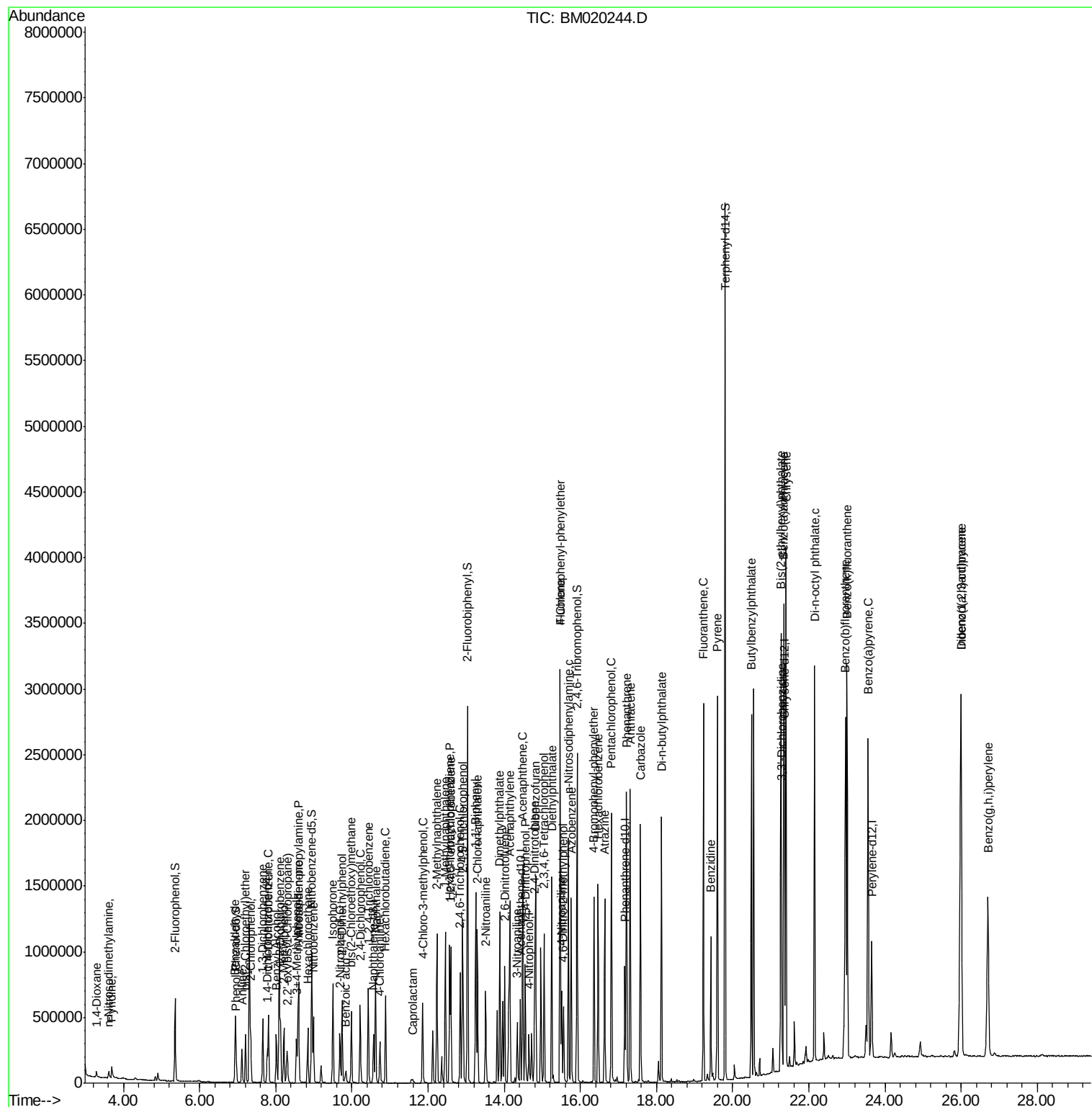
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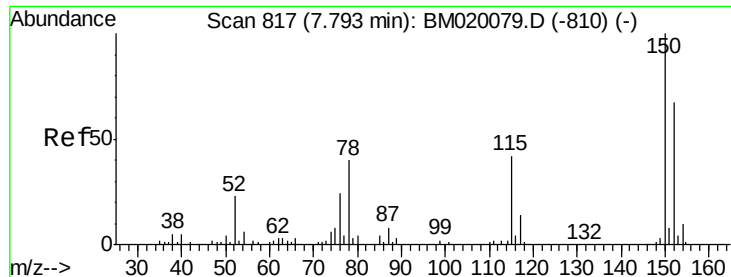
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#1

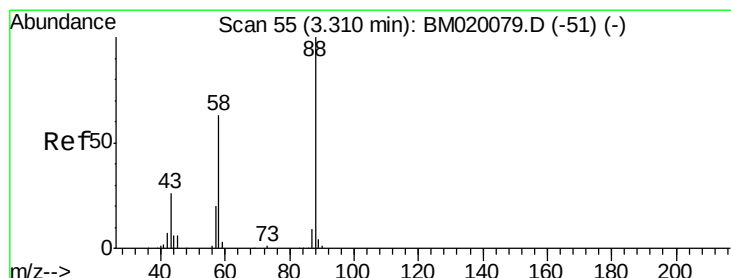
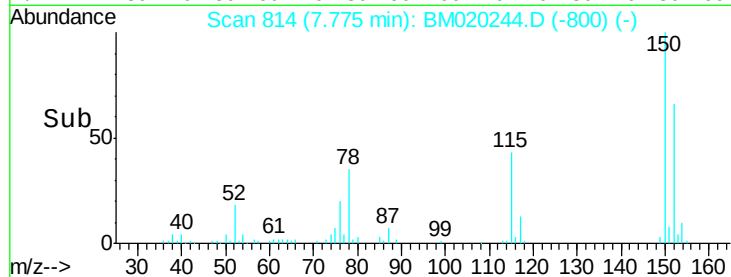
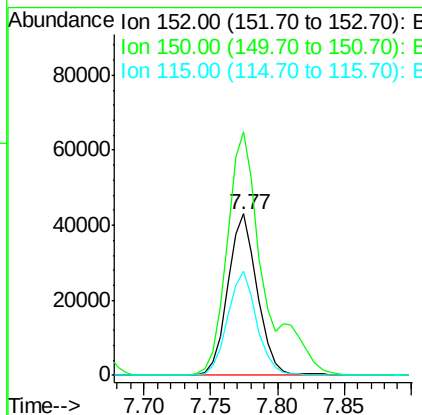
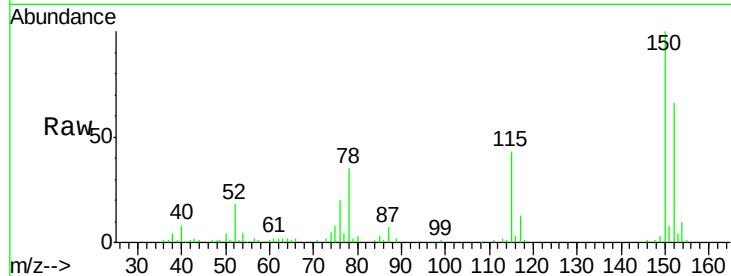
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.1	119.8	179.8
115	64.5	50.8	76.2

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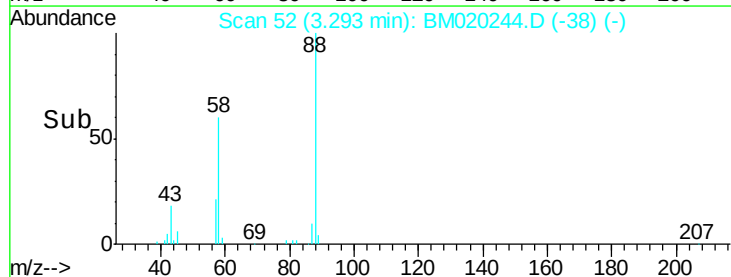
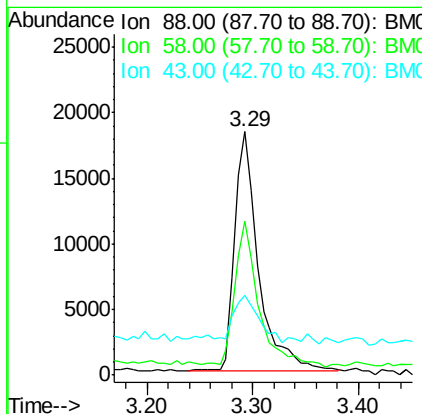
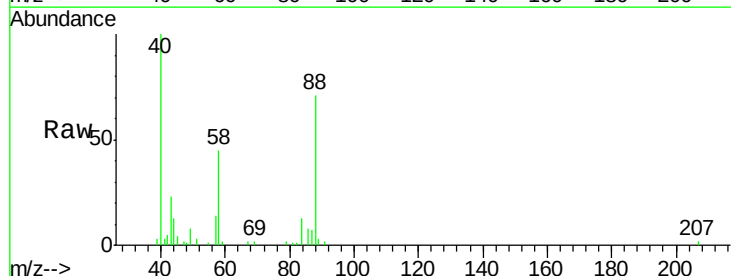
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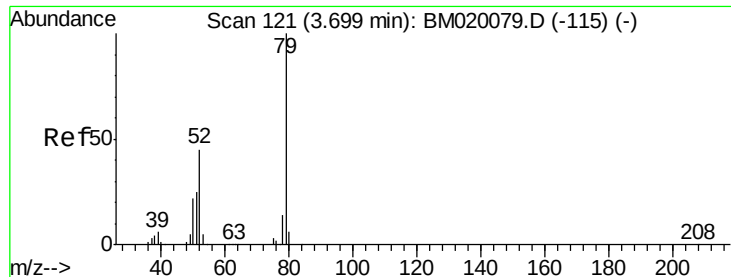


#2

1,4-Dioxane
Concen: 14.284 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.2	51.8	77.6
43	19.3	20.3	30.5





#3

Pyridine

Concen: 14.956 ng

RT: 3.69 min Scan# 120

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

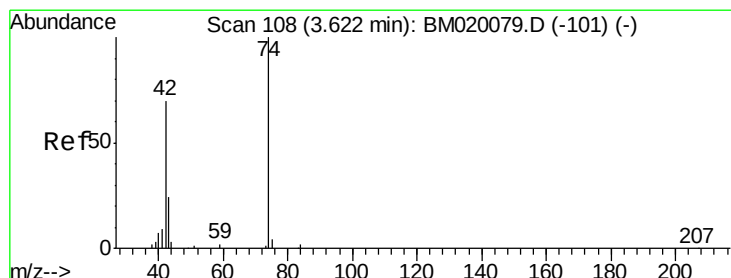
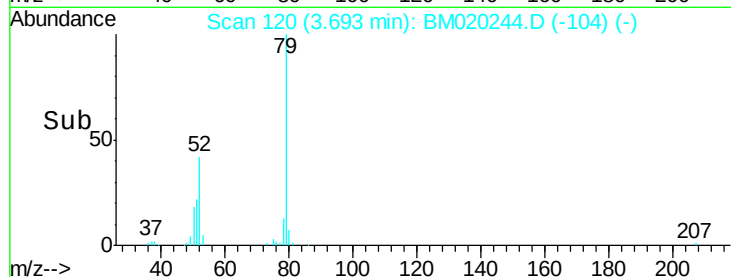
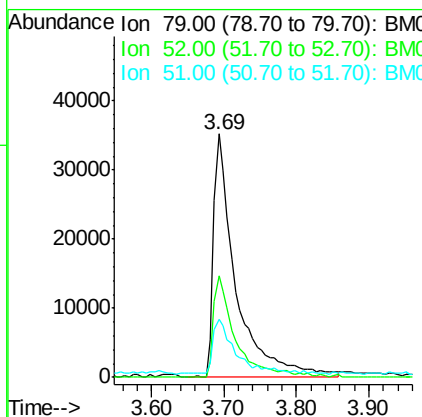
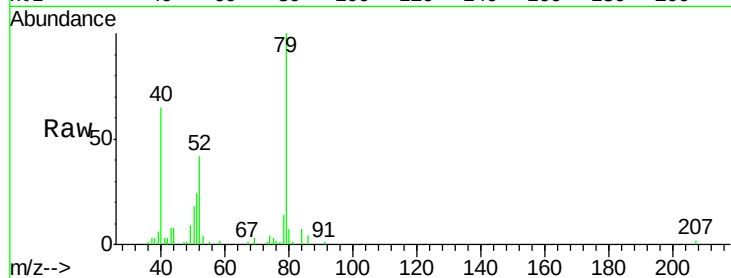
ClientSampleId :

HW-7MSD

Tgt Ion:	79	Resp:	76013
Ion	Ratio	Lower	Upper
79	100		
52	41.8	35.7	53.5
51	23.6	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 16.081 ng

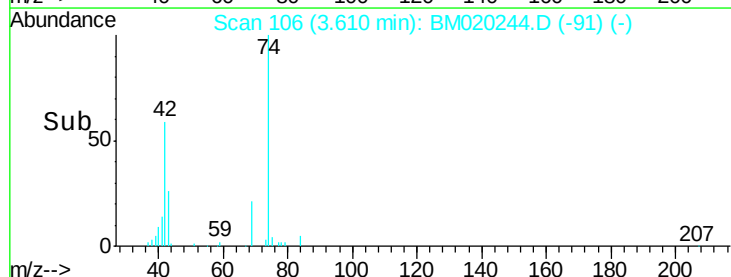
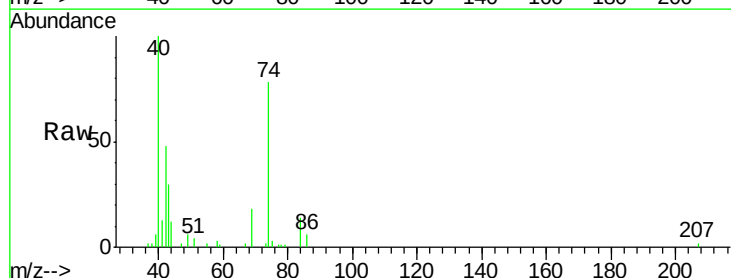
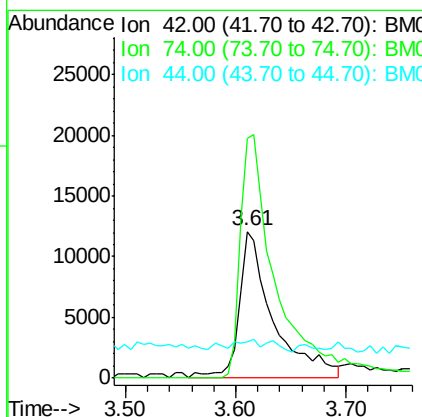
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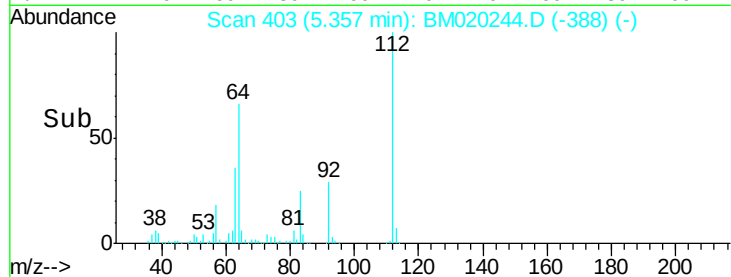
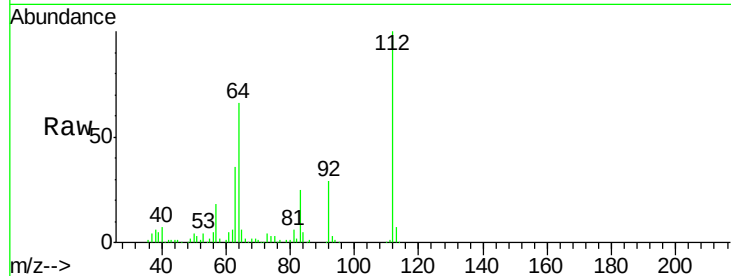
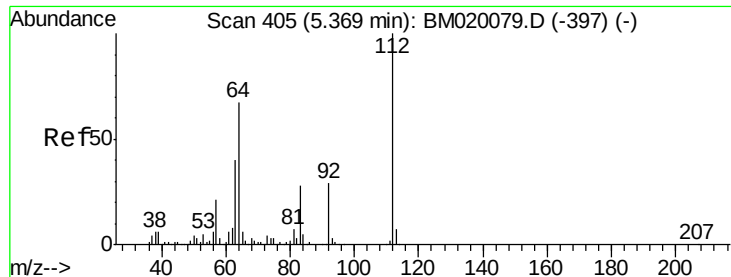
Delta R.T. -0.01 min

Lab File: BM020244.D

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Tgt Ion:	42	Resp:	26209
Ion	Ratio	Lower	Upper
42	100		
74	163.5	113.7	170.5
44	24.9	3.9	5.9#





#5

2-Fluorophenol

Concen: 63.133 ng

RT: 5.36 min Scan# 403

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	255807		
64	65.6	53.8	80.6	
63	36.1	32.3	48.5	

Instrument :

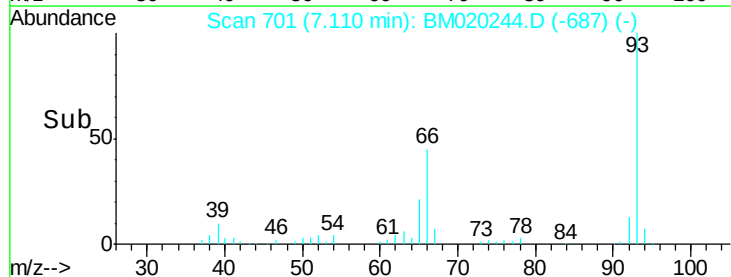
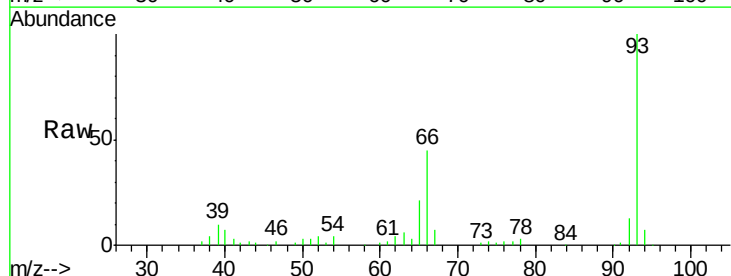
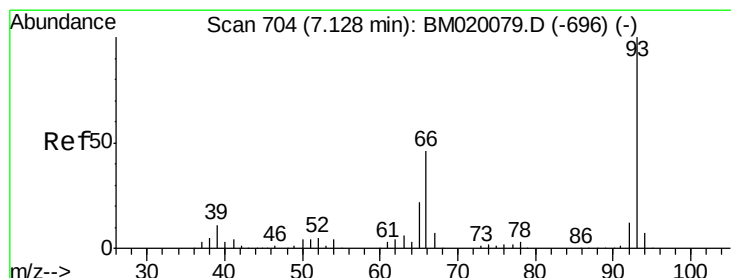
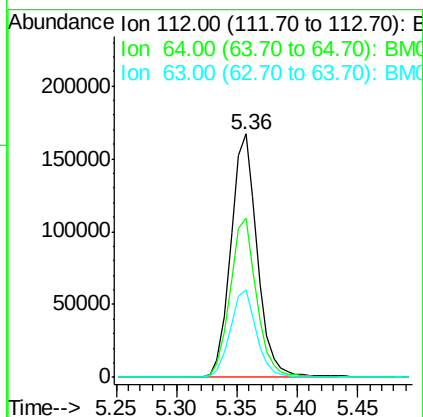
BNA_M

ClientSampleId :

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#6

Aniline

Concen: 23.537 ng

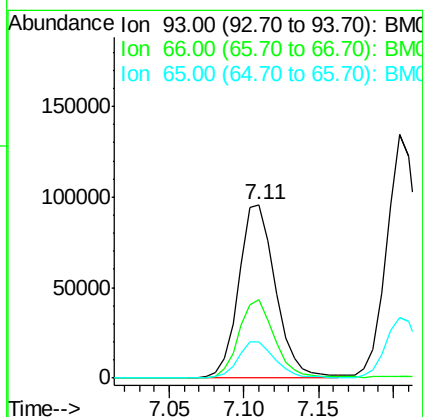
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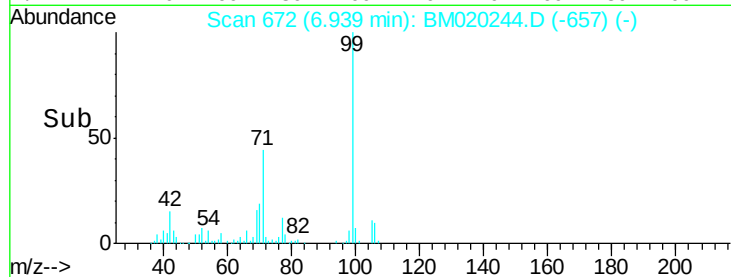
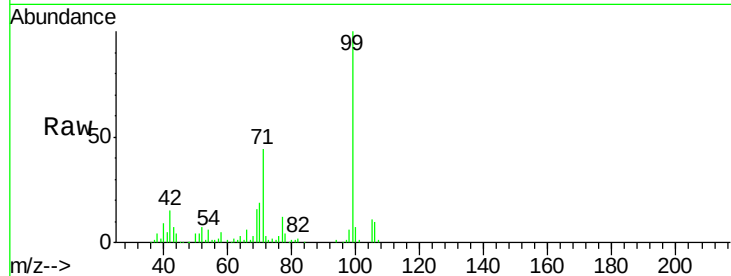
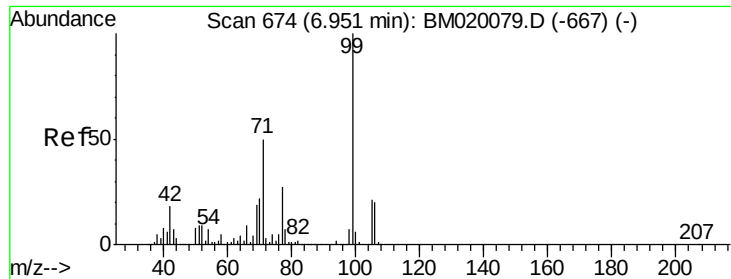
Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	164011		
66	45.1	36.6	54.8	
65	20.7	17.8	26.6	





#7

Phenol-d6

Concen: 42.646 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	236066		
42	15.2	14.2	21.2	
71	43.7	40.3	60.5	

Instrument :

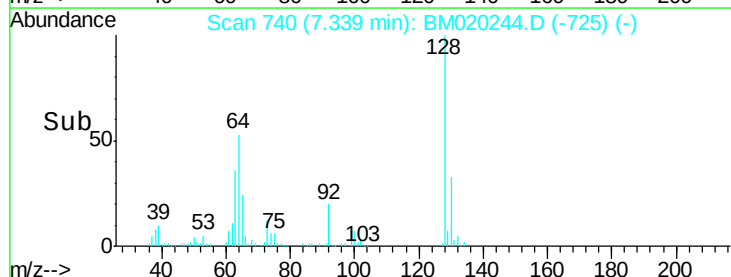
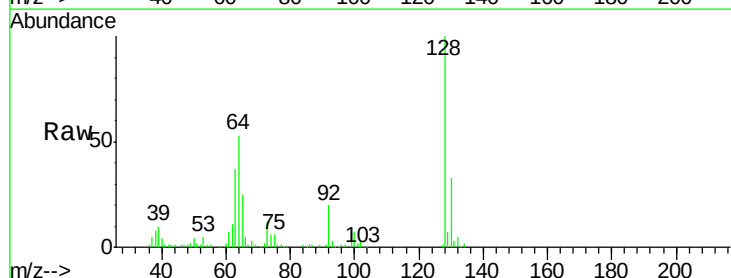
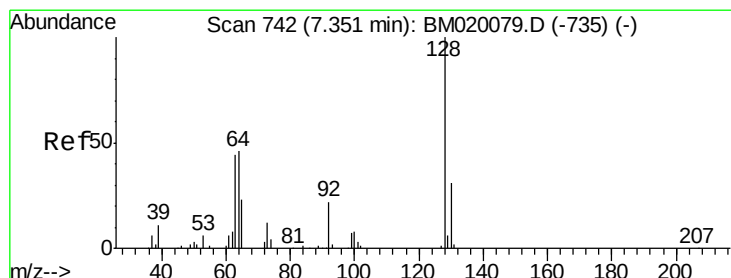
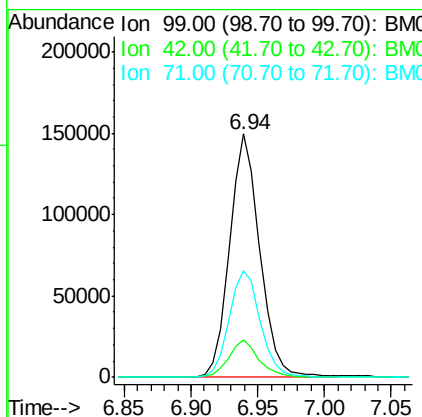
BNA_M

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HW-7MSD

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#8

2-Chlorophenol

Concen: 35.946 ng

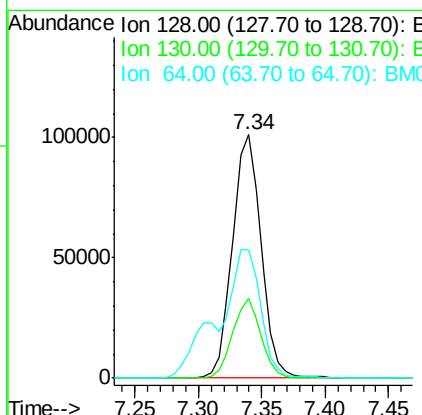
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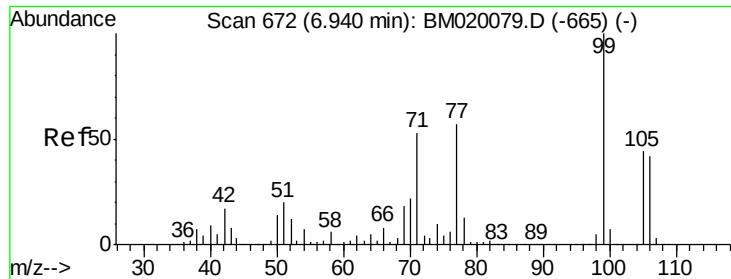
Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	158591		
130	32.9	10.8	50.8	
64	52.9	36.5	76.5	





#9

Benzaldehyde

Concen: 15.086 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

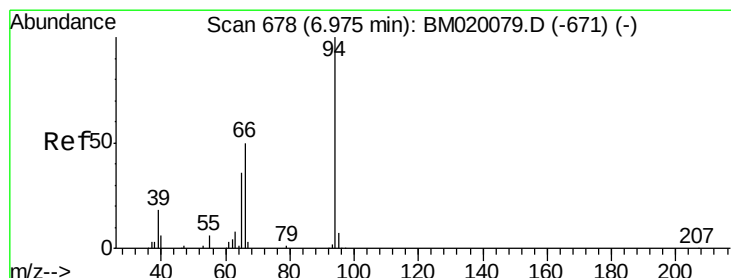
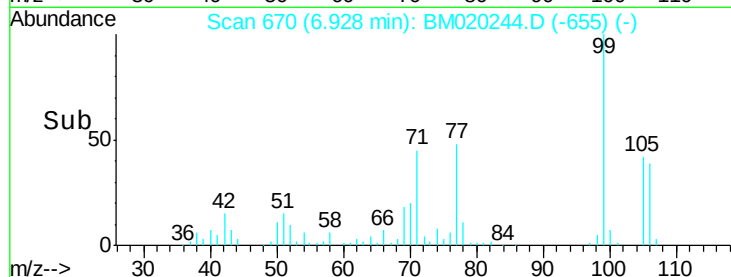
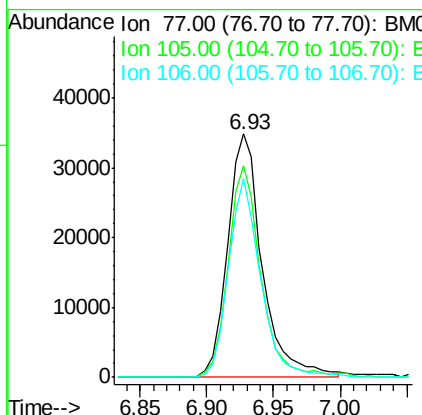
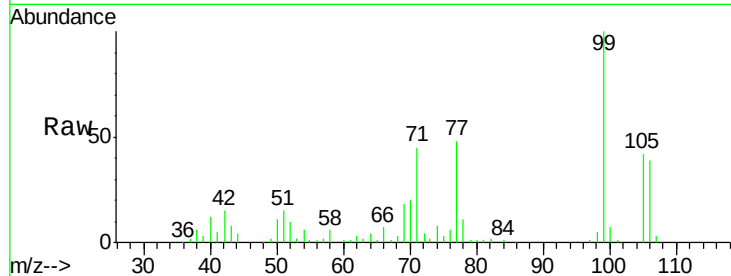
ClientSampleId :

HW-7MSD

Tgt Ion:	77	Resp:	63203
Ion Ratio	Lower	Upper	
77	100		
105	86.7	57.8	97.8
106	81.7	53.6	93.6

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#10

Phenol

Concen: 13.800 ng

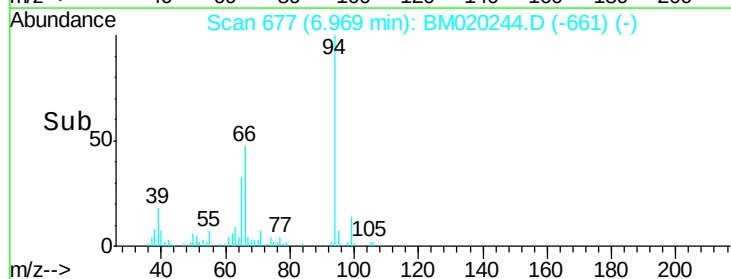
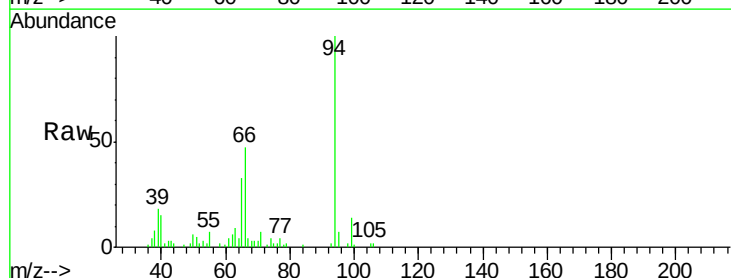
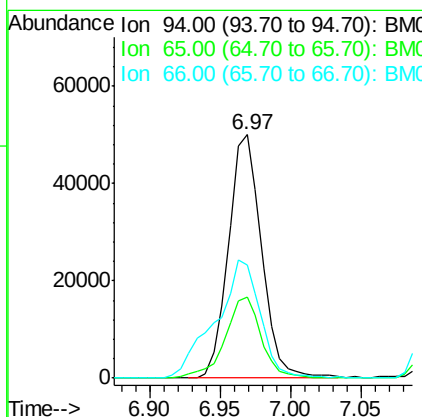
RT: 6.97 min Scan# 677

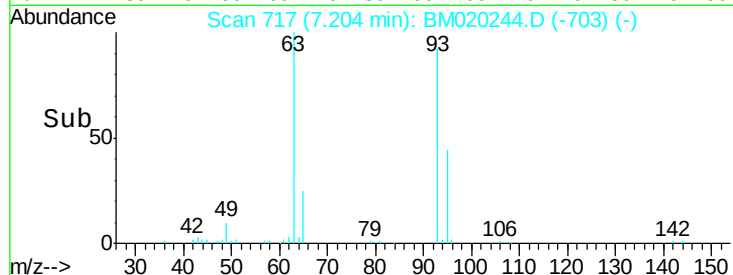
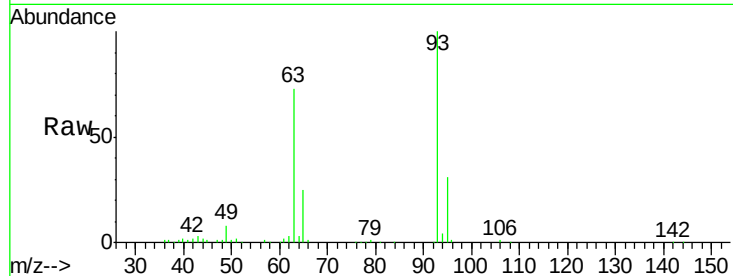
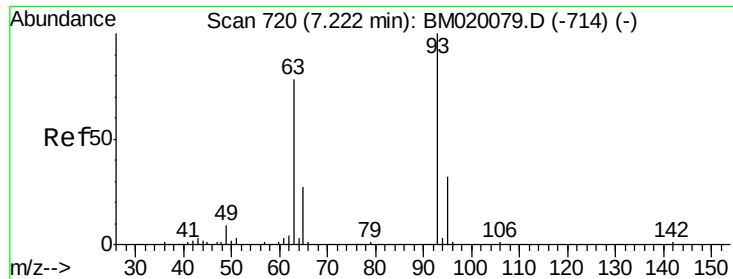
Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:	94	Resp:	82238
Ion Ratio	Lower	Upper	
94	100		
65	33.1	17.0	57.0
66	46.6	34.5	74.5





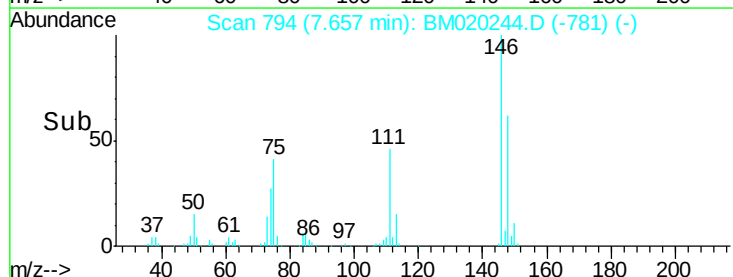
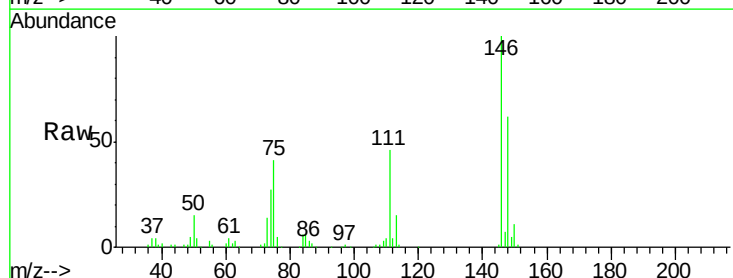
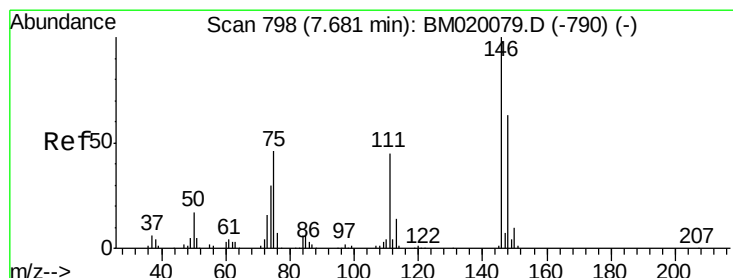
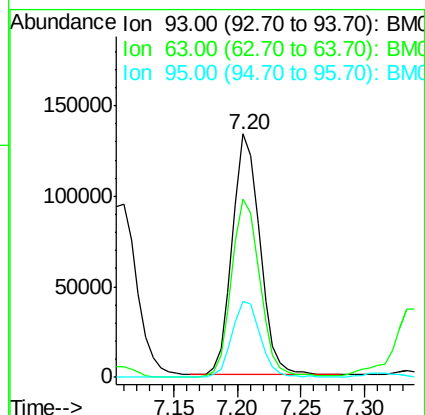
#11
bis(2-Chloroethyl)ether
Concen: 46.059 ng
RT: 7.20 min Scan# 717
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	199491		
63	73.5	57.9	97.9	
95	31.3	11.3	51.3	

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

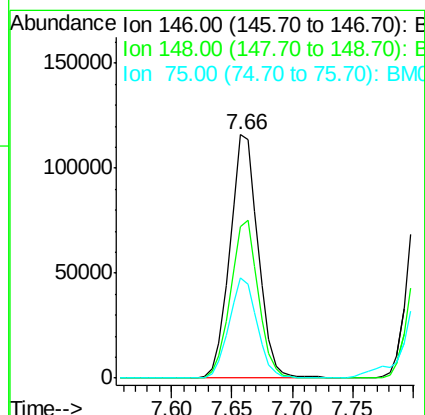
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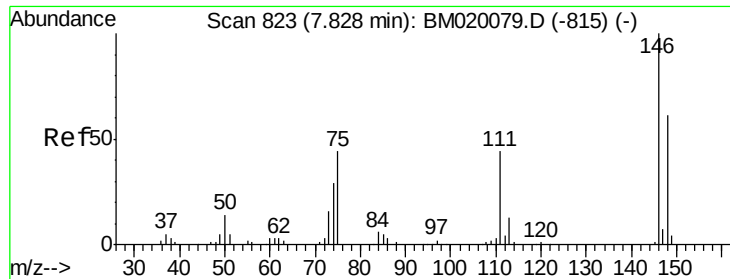
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.709 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	188433		
148	62.5	50.1	75.1	
75	41.1	37.2	55.8	





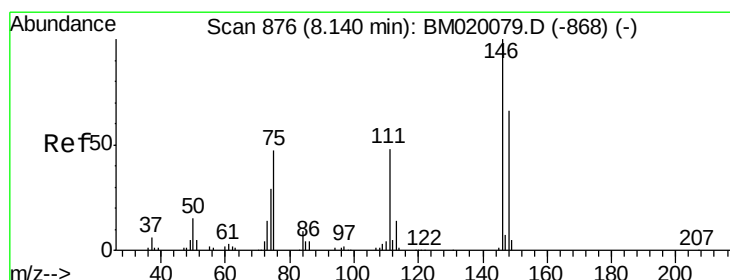
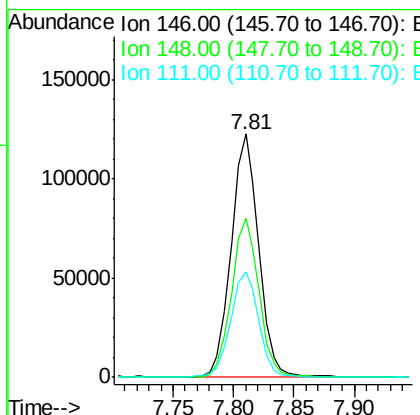
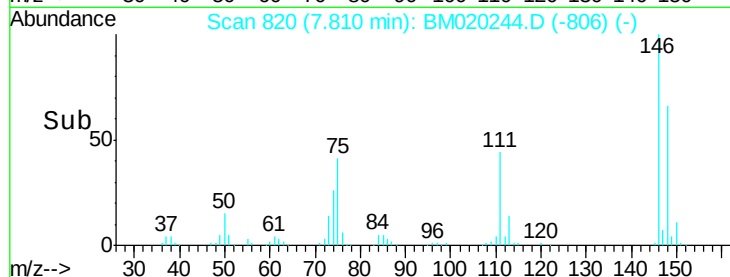
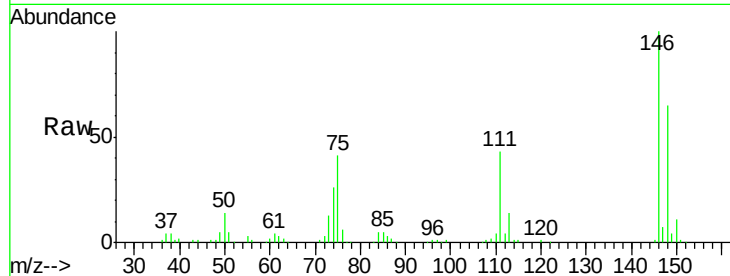
#13
 1,4-Dichlorobenzene
 Concen: 37.524 ng
 RT: 7.81 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	194585		
148	65.3	48.5	72.7	
111	43.4	35.7	53.5	

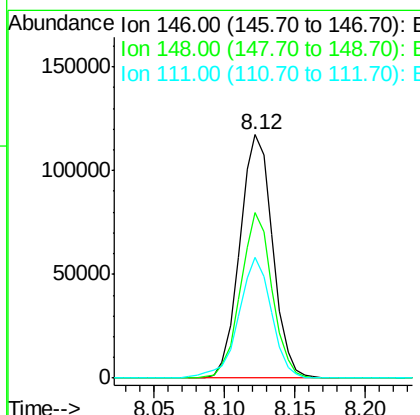
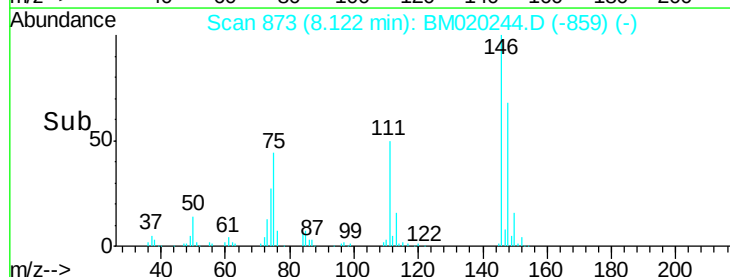
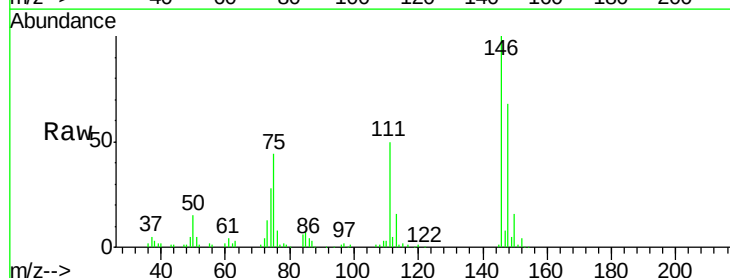
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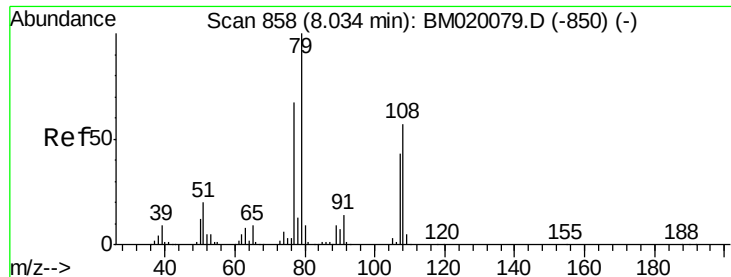
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#14
 1,2-Dichlorobenzene
 Concen: 38.568 ng
 RT: 8.12 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	190541		
148	67.9	52.6	79.0	
111	49.6	39.0	58.4	





#15

Benzyl Alcohol

Concen: 28.108 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

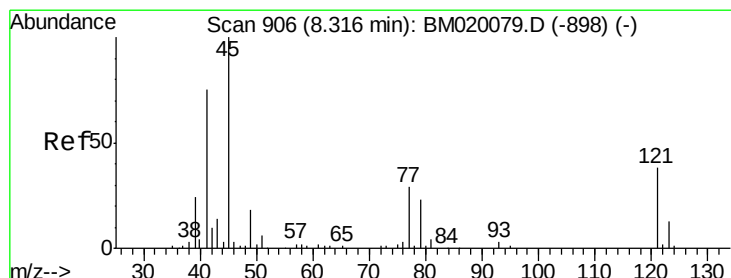
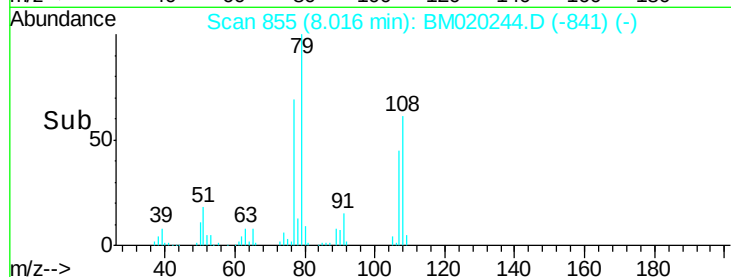
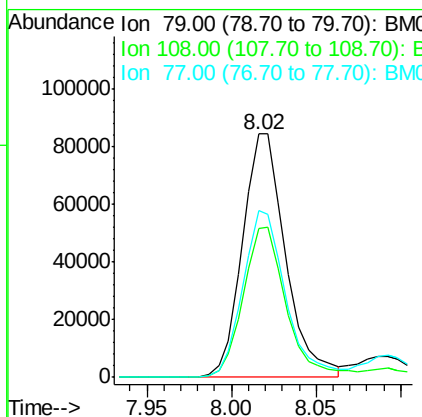
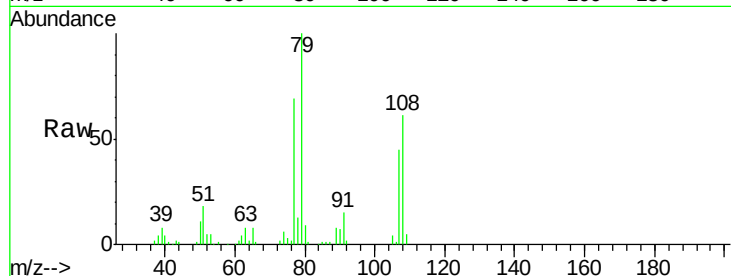
ClientSampled :

HW-7MSD

Tgt Ion:	79	Resp:	150033
Ion	Ratio	Lower	Upper
79	100		
108	61.1	46.0	69.0
77	68.7	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 44.671 ng

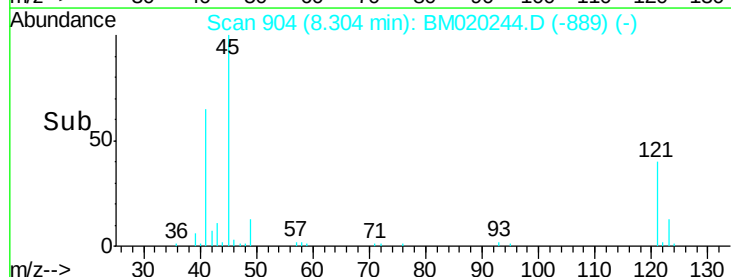
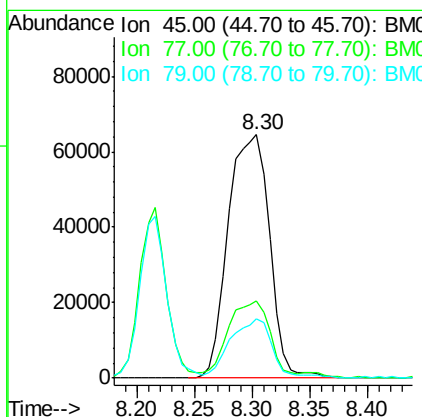
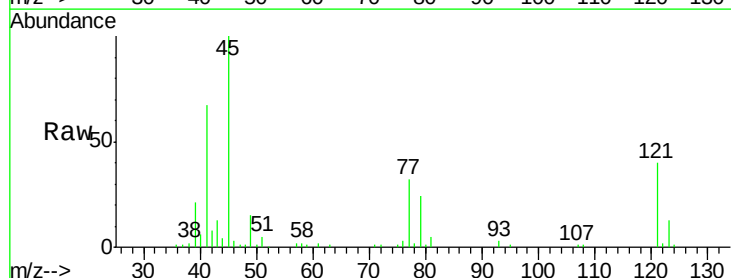
RT: 8.30 min Scan# 904

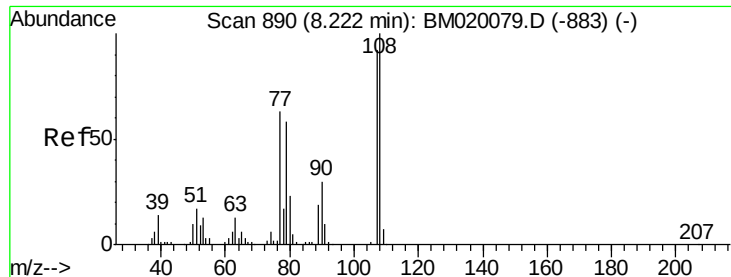
Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:	45	Resp:	160434
Ion	Ratio	Lower	Upper
45	100		
77	31.8	10.5	50.5
79	24.3	3.3	43.3





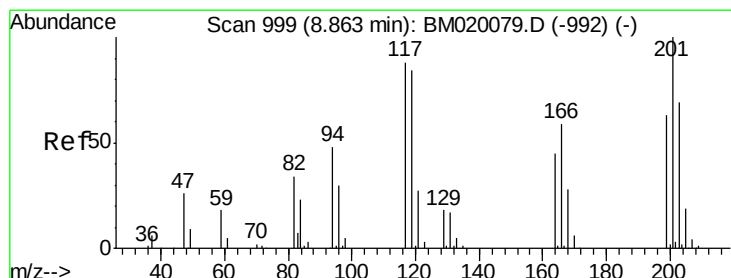
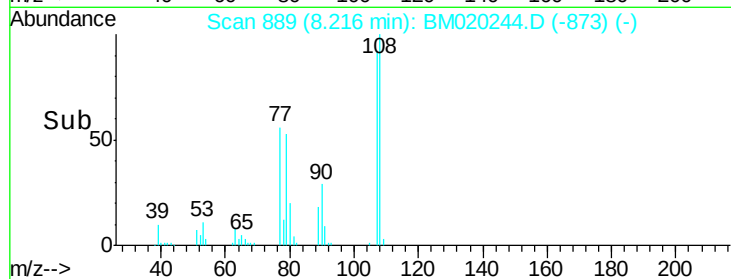
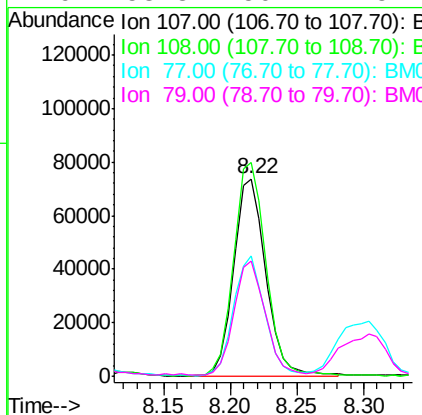
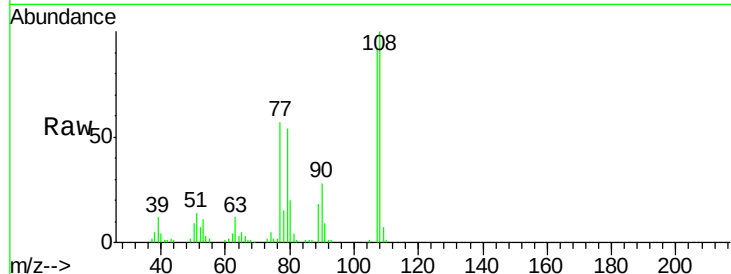
#17
2-Methylphenol
Concen: 32.353 ng
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	124110		
108	108.3	87.0	130.4	
77	61.3	54.7	82.1	
79	58.3	50.1	75.1	

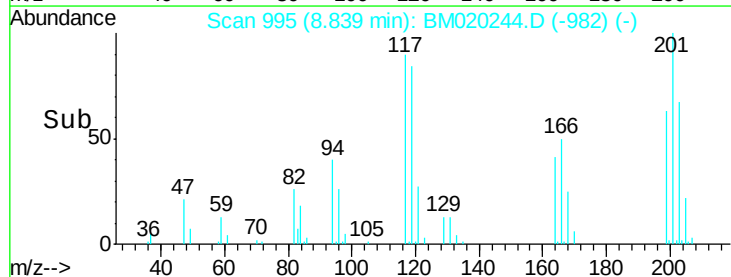
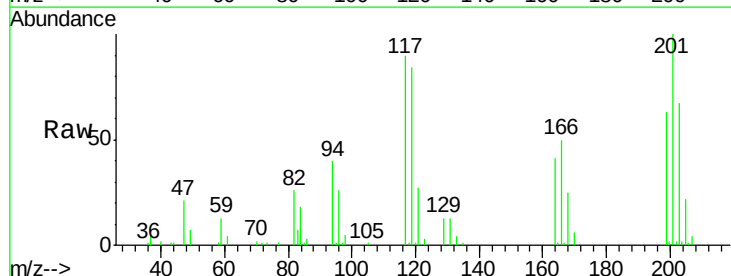
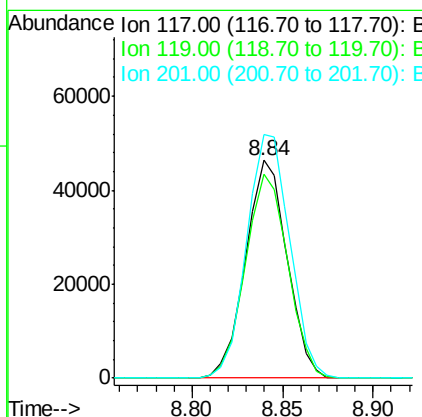
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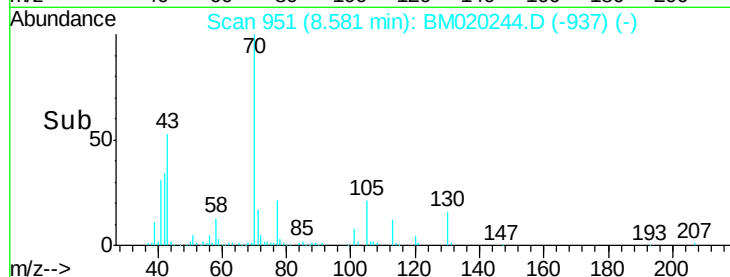
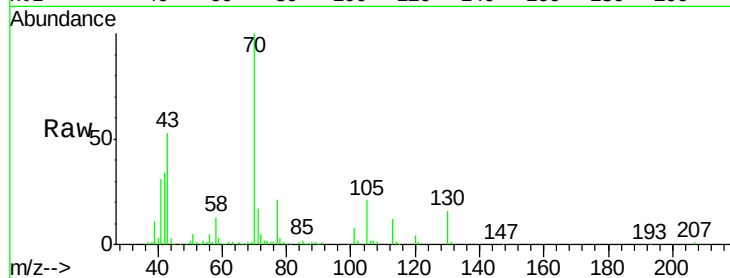
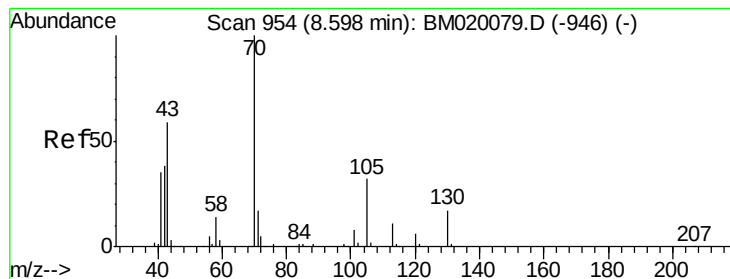
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#18
Hexachloroethane
Concen: 34.043 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73606		
119	93.7	76.6	114.8	
201	111.7	90.7	136.1	





#19

n-Nitroso-di-n-propylamine

Concen: 46.921 ng

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

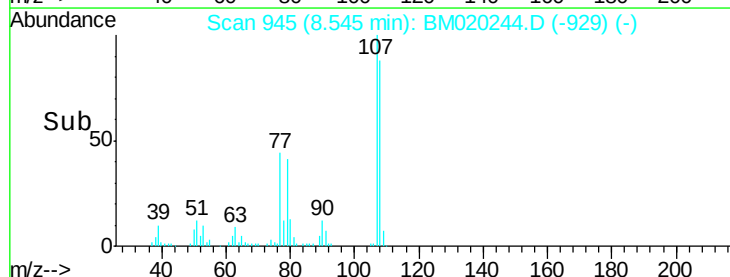
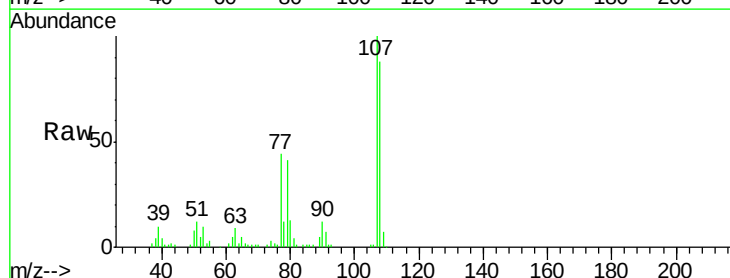
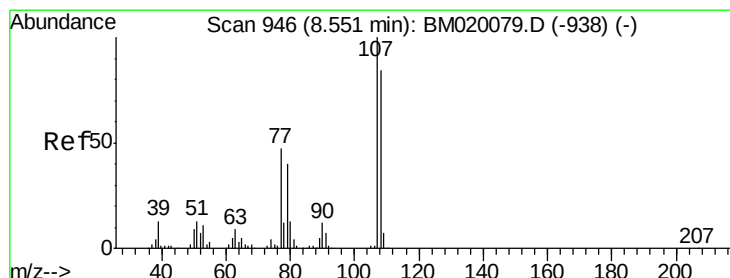
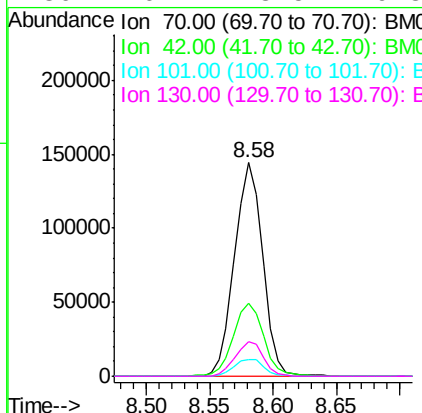
ClientSampleId :

HW-7MSD

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	34.4	31.0	46.4	
101	8.0	6.2	9.2	
130	16.1	13.5	20.3	

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#20

3+4-Methylphenols

Concen: 28.579 ng

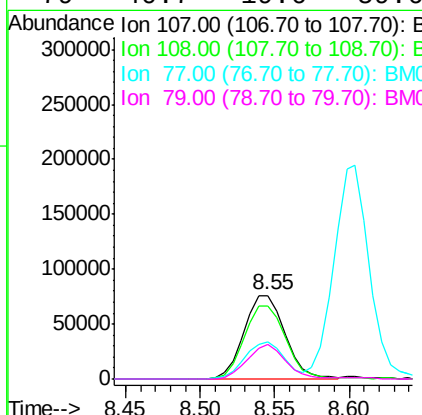
RT: 8.55 min Scan# 945

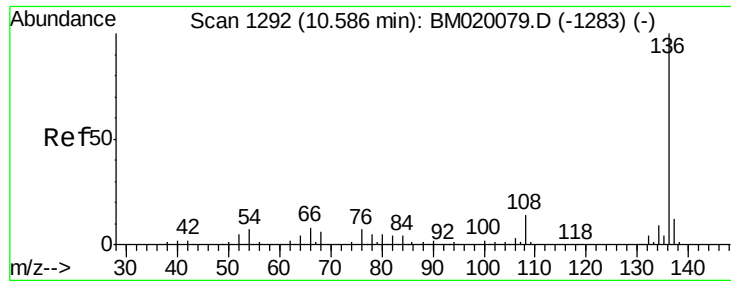
Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.9	64.4	104.4	
77	44.1	27.2	67.2	
79	40.7	19.6	59.6	





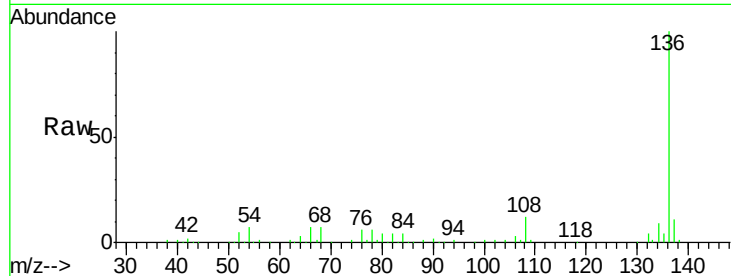
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	283393		
137	10.9	9.6	14.4	
54	6.6	5.5	8.3	
68	6.7	4.6	6.8	

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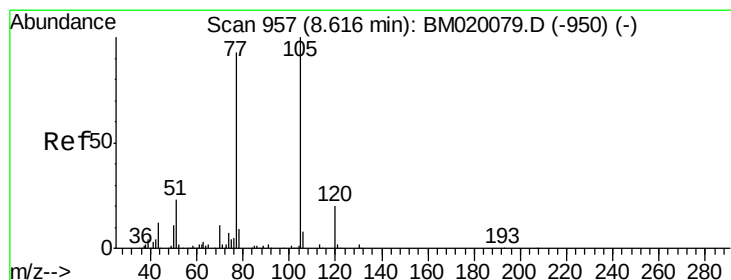
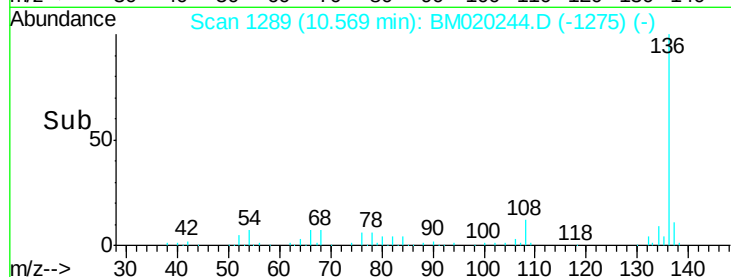
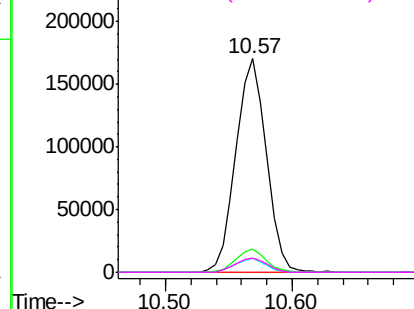
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 45.537 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	352691		
71	0.8	2.2	3.2	#
51	20.1	19.3	28.9	
120	20.1	16.2	24.4	

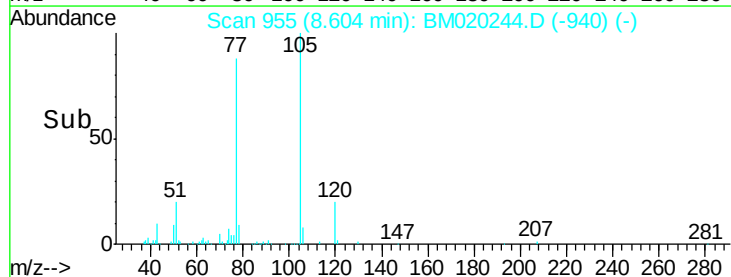
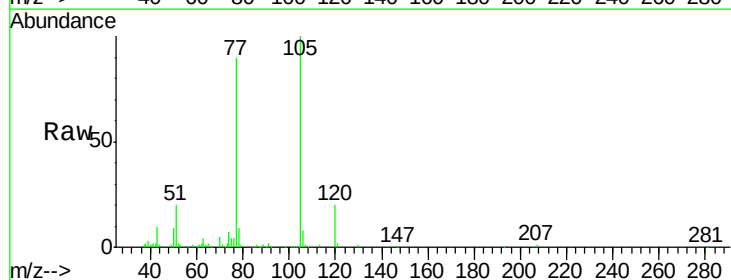
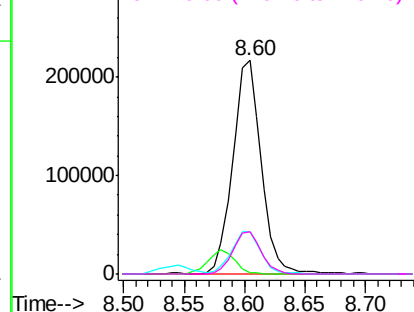
Abundance

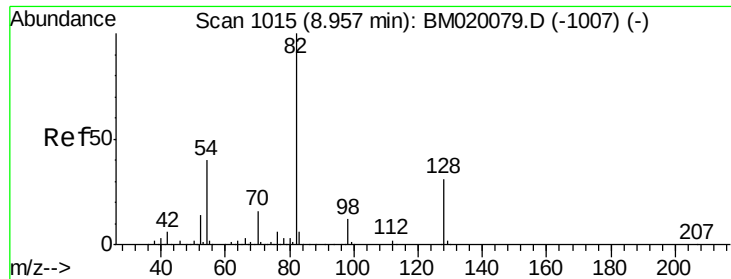
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





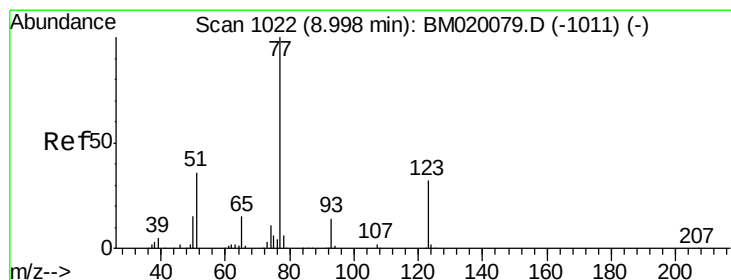
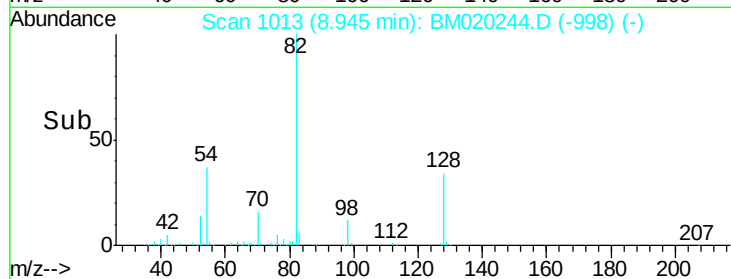
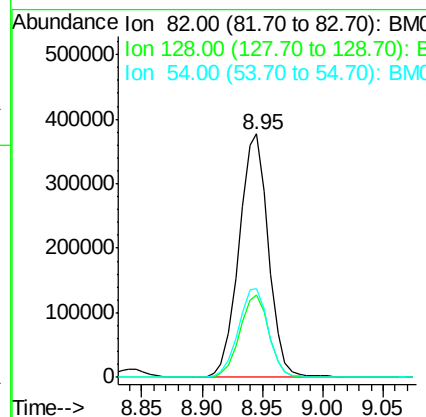
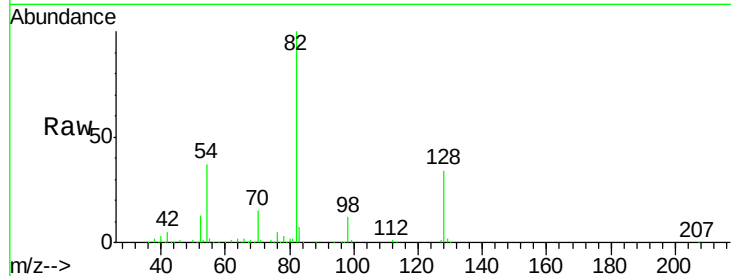
#23
Nitrobenzene-d5
Concen: 89.230 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	640506		
128	33.6	25.2	37.8	
54	36.7	31.9	47.9	

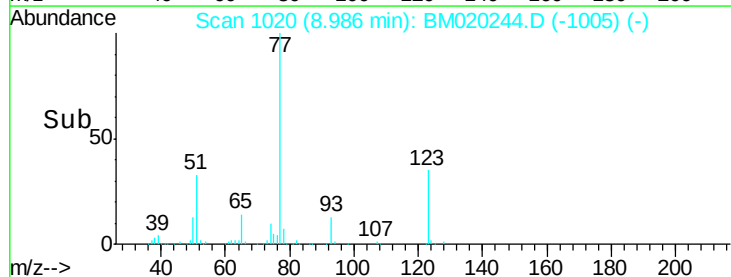
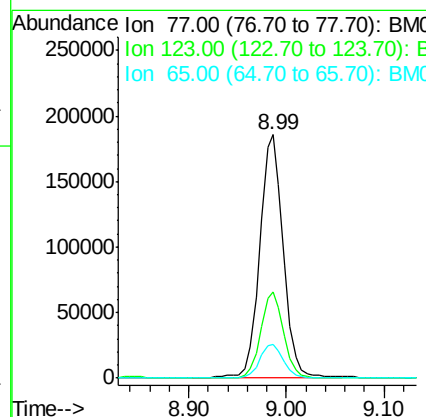
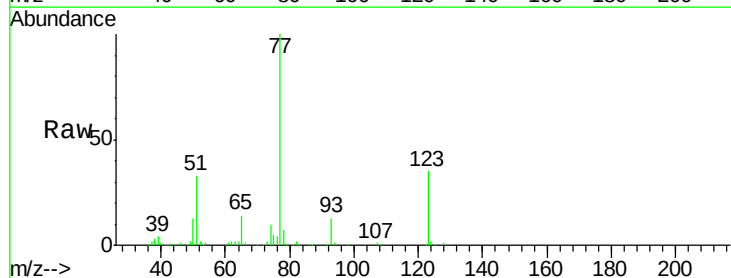
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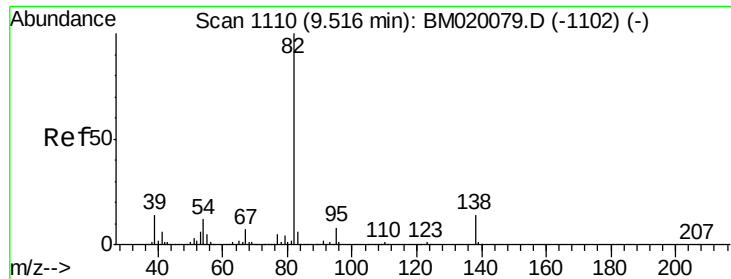
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#24
Nitrobenzene
Concen: 42.400 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	315565		
123	35.3	25.5	38.3	
65	13.6	11.8	17.6	





#25

Isophorone

Concen: 46.961 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

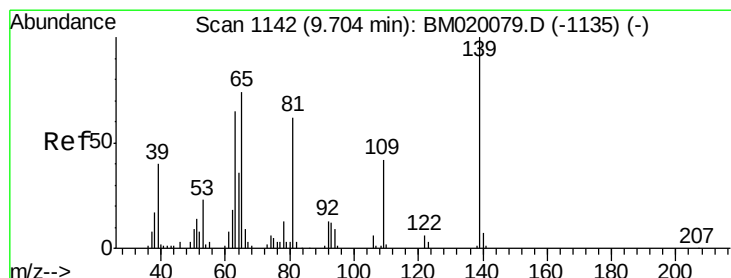
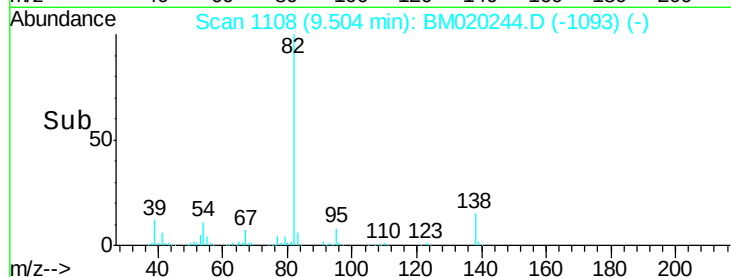
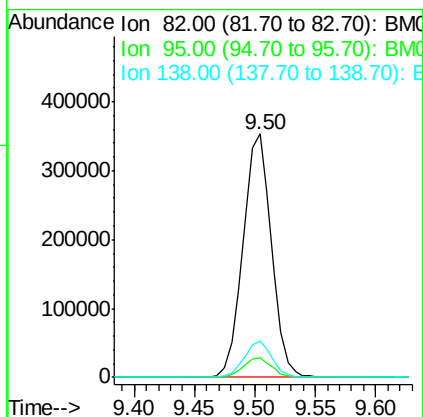
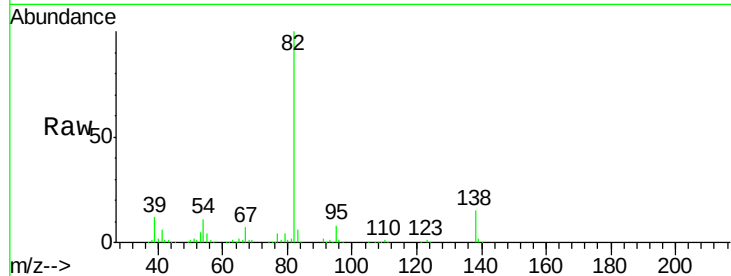
ClientSampleId :

HW-7MSD

Tgt Ion:	82	Resp:	581308
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.4	9.6
138	14.9	11.1	16.7

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#26

2-Nitrophenol

Concen: 47.696 ng

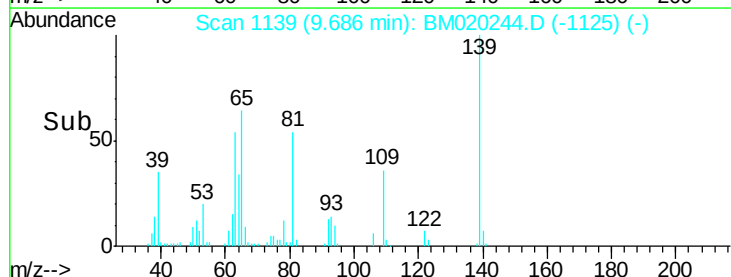
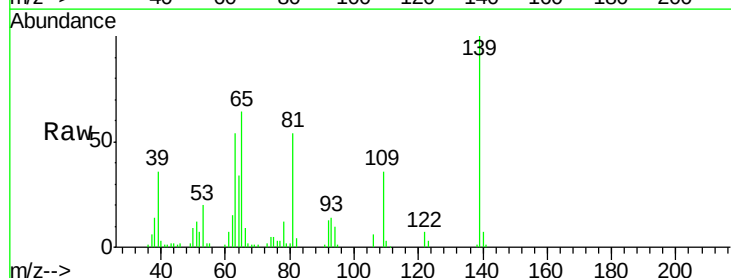
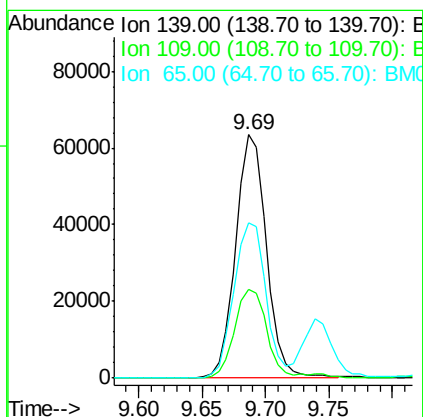
RT: 9.69 min Scan# 1139

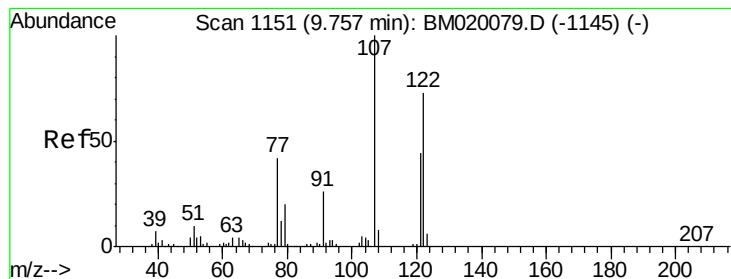
Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:	139	Resp:	107167
Ion Ratio	Lower	Upper	
139	100		
109	36.4	33.7	50.5
65	63.8	59.5	89.3





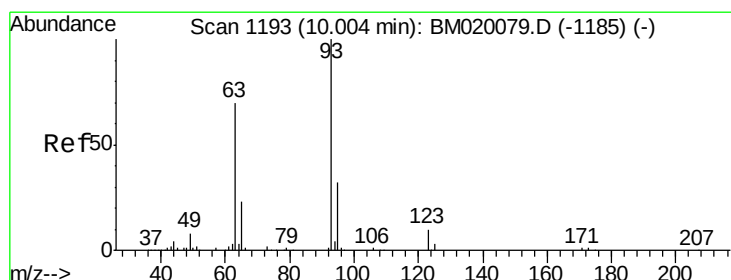
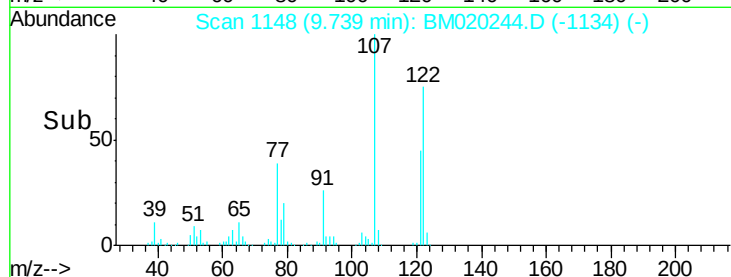
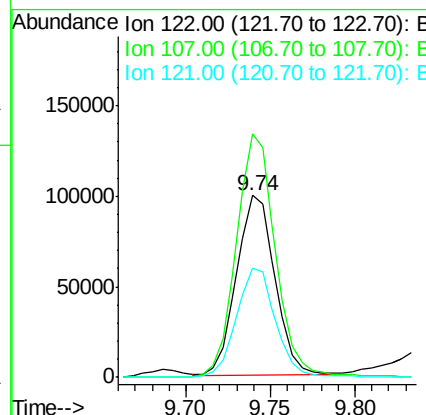
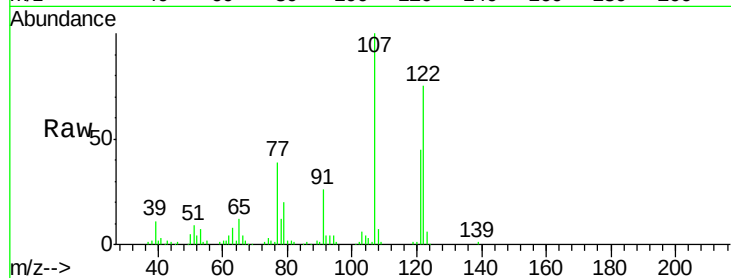
#27
2,4-Dimethylphenol
Concen: 42.411 ng
RT: 9.74 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	158650		
107	133.8	108.6	162.8	
121	59.9	47.4	71.2	

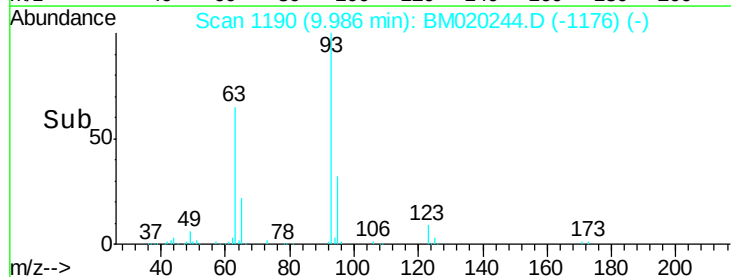
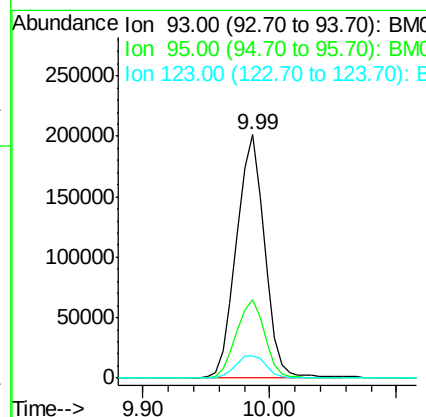
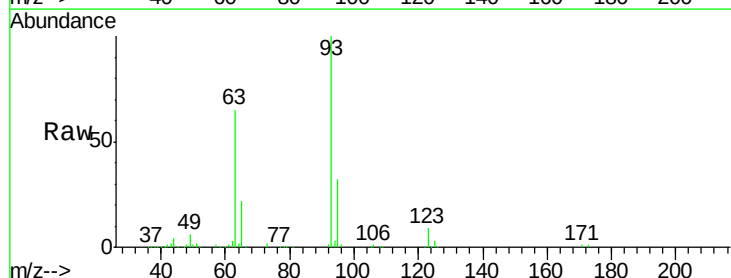
Manual Integrations
APPROVED

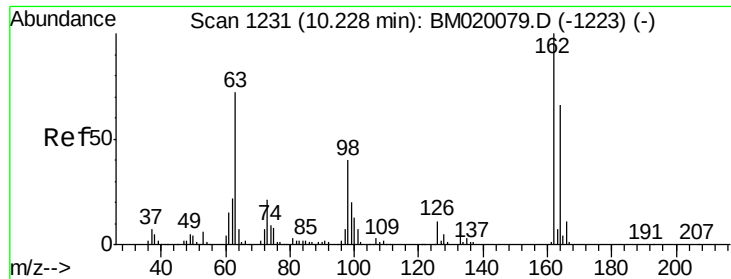
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.069 ng
RT: 9.99 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	310587		
95	32.3	25.5	38.3	
123	9.4	7.6	11.4	





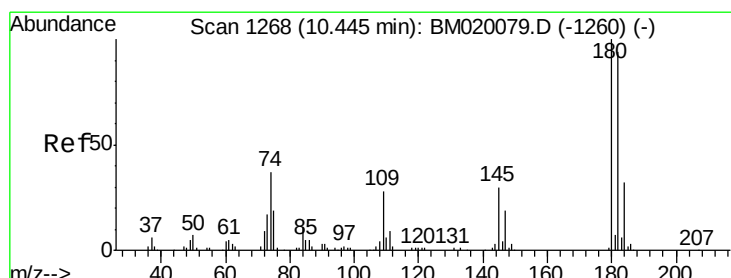
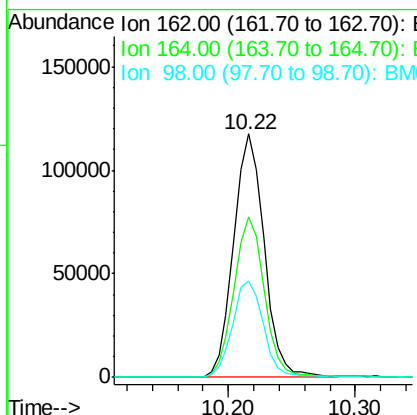
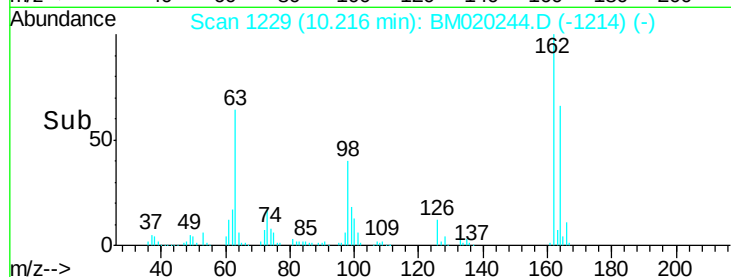
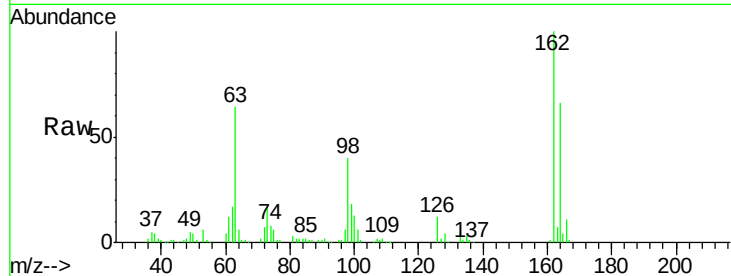
#29
 2,4-Dichlorophenol
 Concen: 41.724 ng
 RT: 10.22 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion:	162	Resp:	196811
Ion Ratio	Lower	Upper	
162	100		
164	65.9	45.6	85.6
98	39.8	20.4	60.4

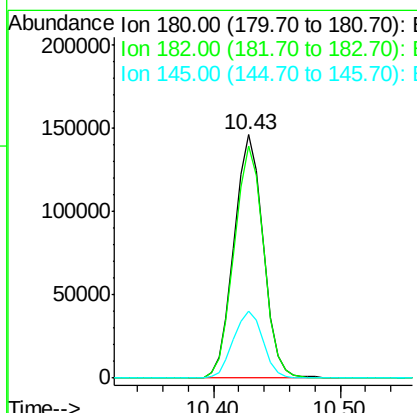
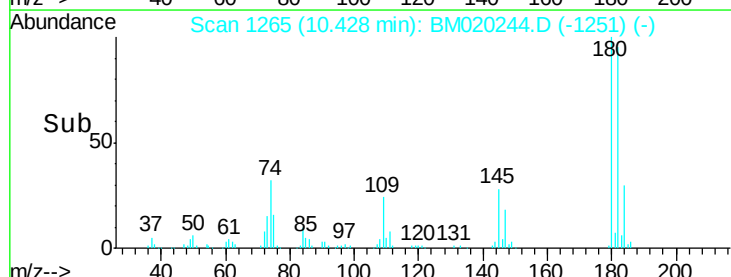
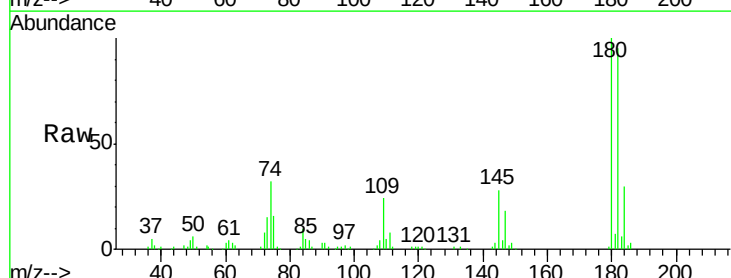
Manual Integrations
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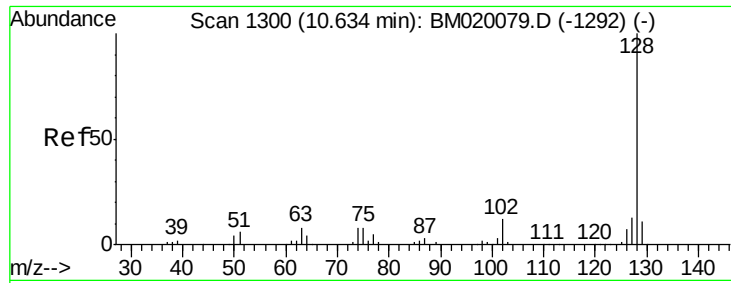
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.084 ng
 RT: 10.43 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion:	180	Resp:	232649
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.4	113.0
145	27.6	23.8	35.8





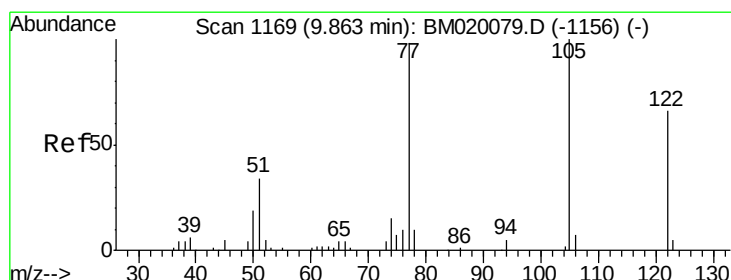
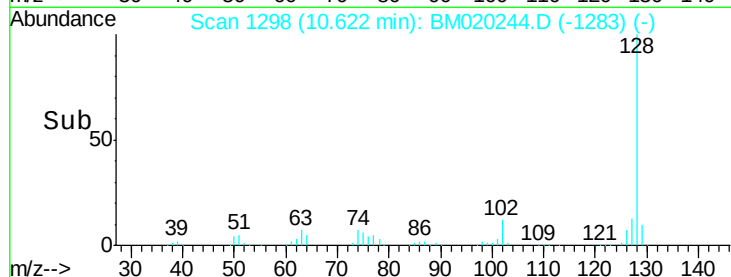
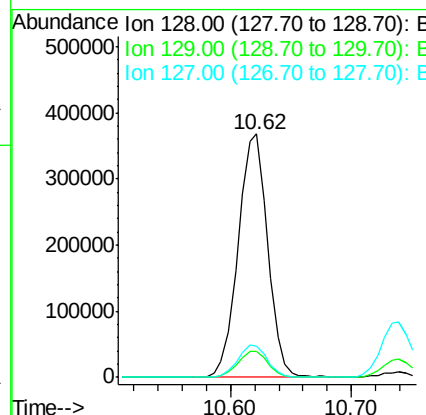
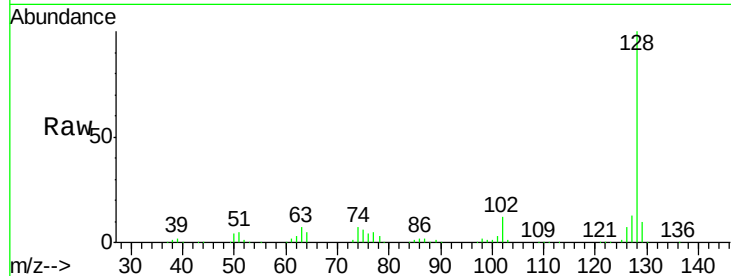
#31
Naphthalene
Concen: 42.741 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.5	9.0	13.4
127	12.8	10.4	15.6

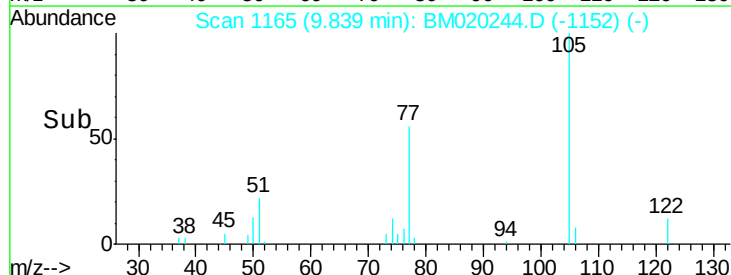
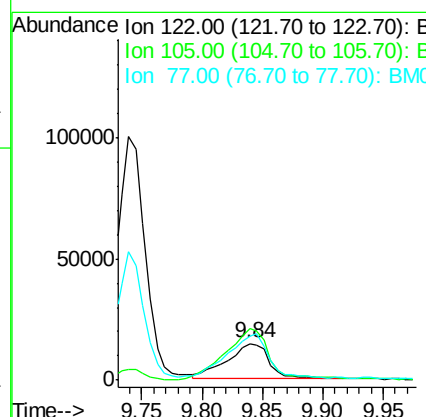
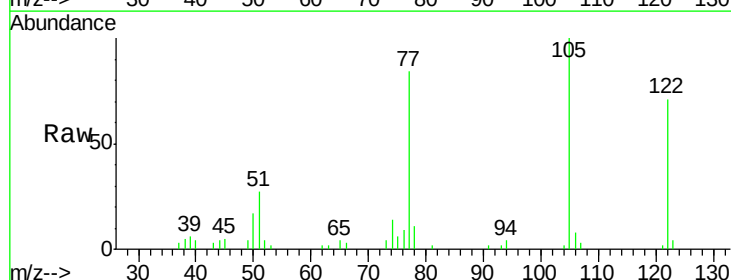
Manual Integrations
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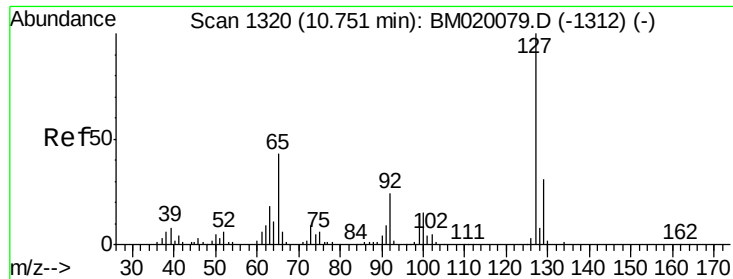
mohammad
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#32
Benzoic acid
Concen: 17.998 ng
RT: 9.84 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	141.6	122.5	162.5
77	119.3	123.3	163.3#





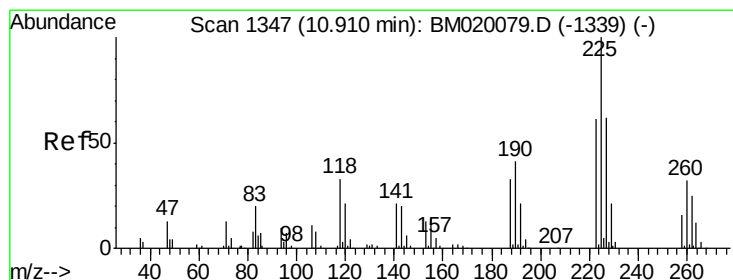
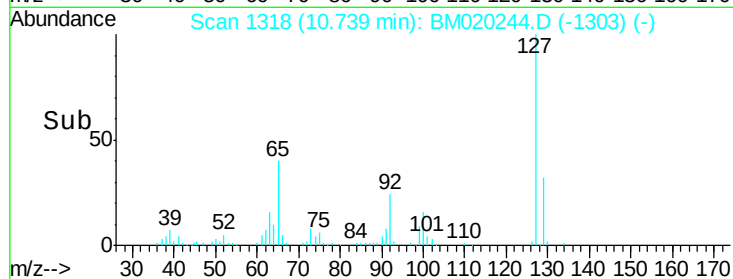
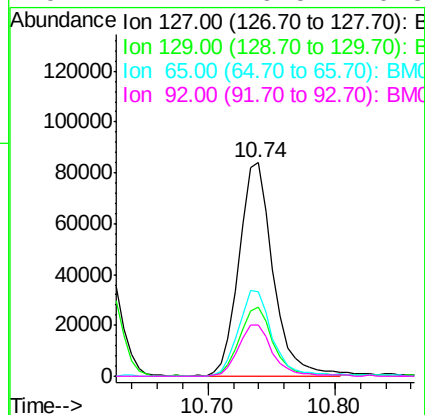
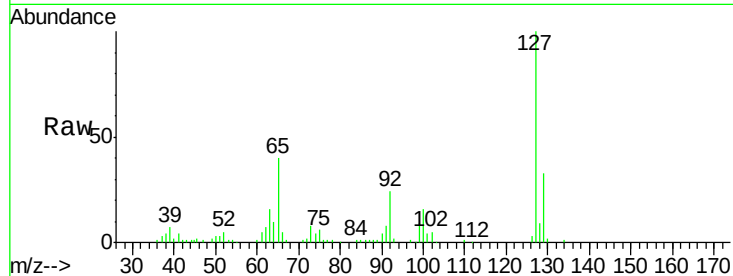
#33
4-Chloroaniline
Concen: 25.955 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	157106		
129	32.6	24.7	37.1	
65	39.7	34.6	52.0	
92	24.2	19.5	29.3	

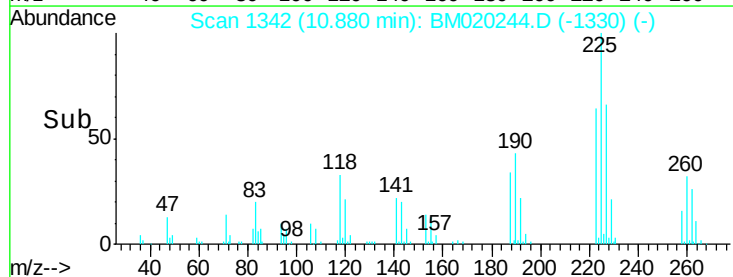
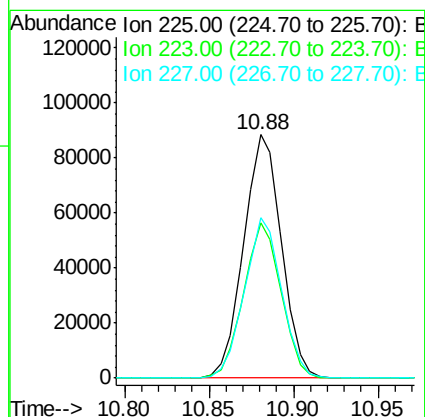
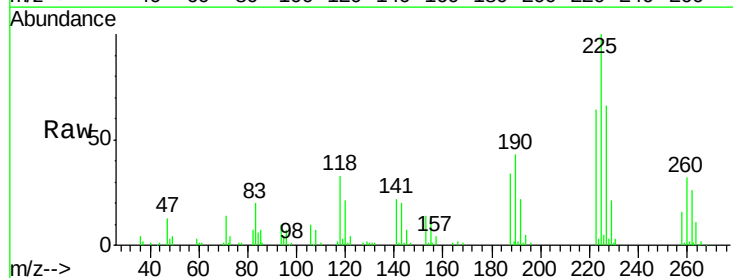
Manual Integrations
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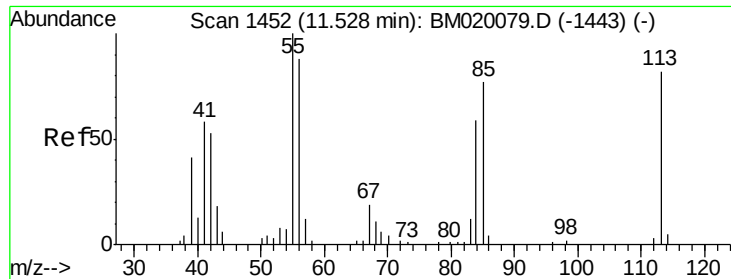
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#34
Hexachlorobutadiene
Concen: 33.557 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137777		
223	63.7	48.9	73.3	
227	65.9	49.6	74.4	





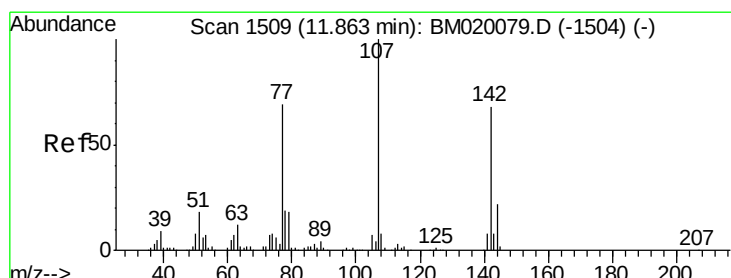
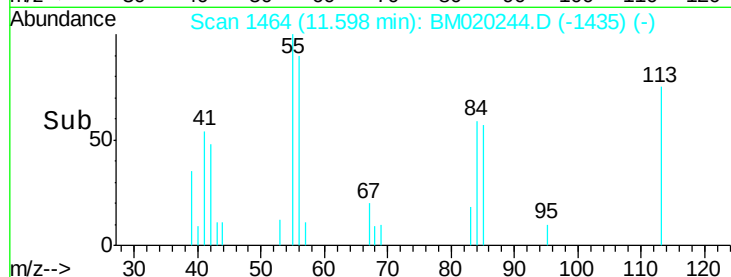
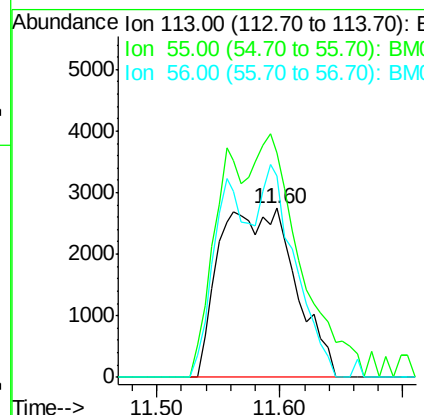
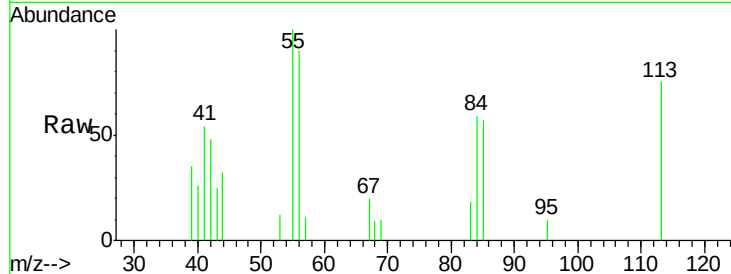
#35
 Caprolactam
 Concen: 8.275 ng m
 RT: 11.60 min Scan# 1464
 Delta R.T. 0.07 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampled :
 HW-7MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	133.2	102.5	142.5
56	119.4	87.7	127.7

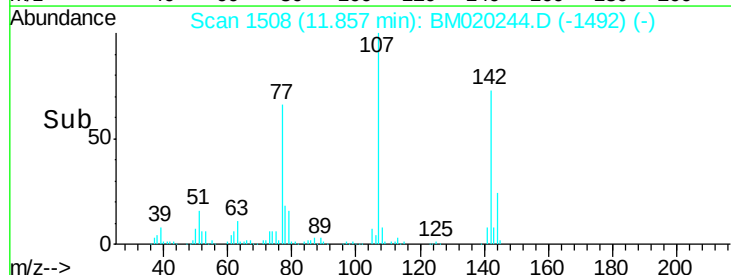
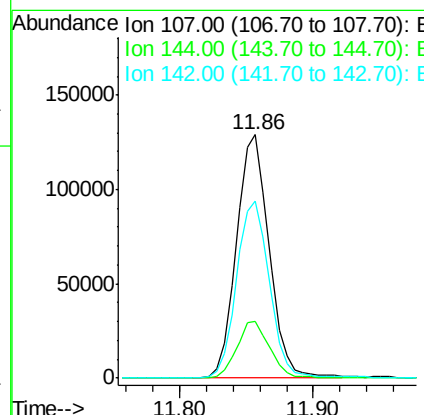
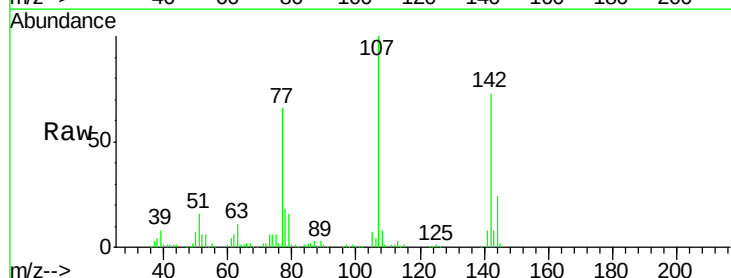
Manual Integrations
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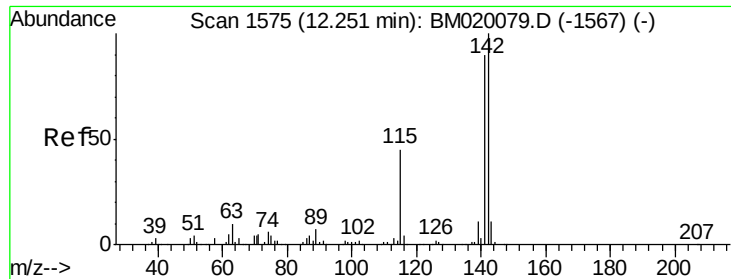
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 39.717 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	17.6	26.4
142	72.7	54.6	82.0





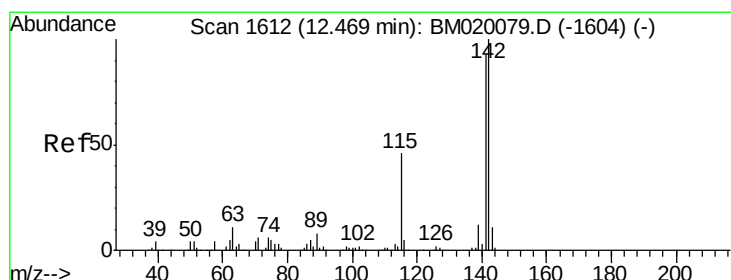
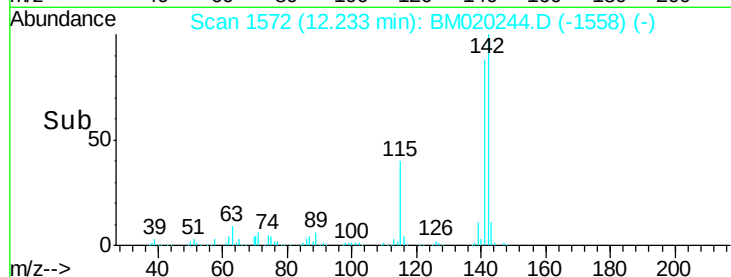
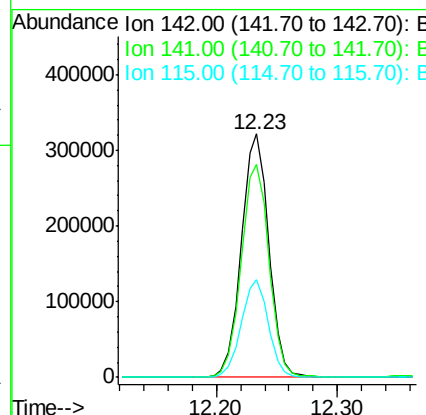
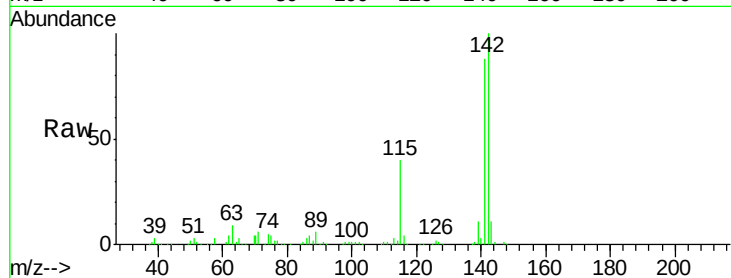
#37
2-Methylnaphthalene
Concen: 47.784 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.6	107.4
115	39.9	35.8	53.6

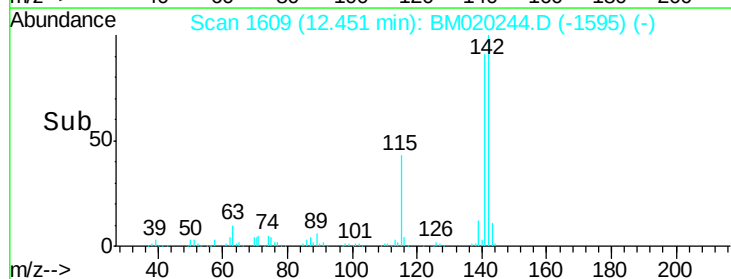
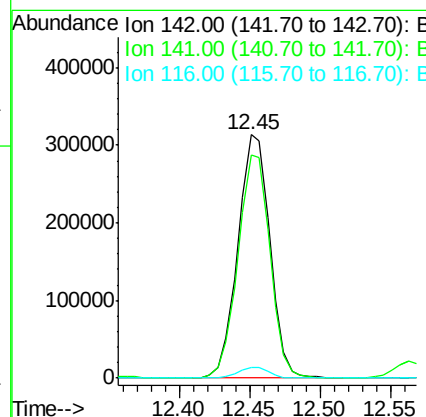
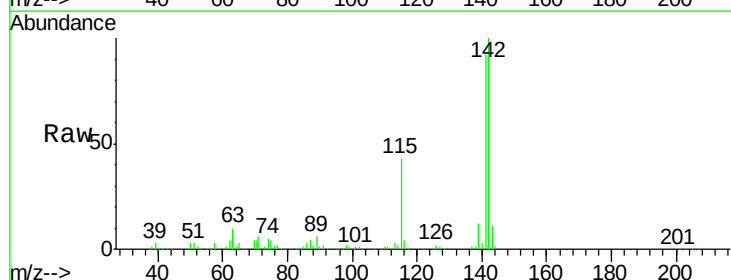
Manual Integrations
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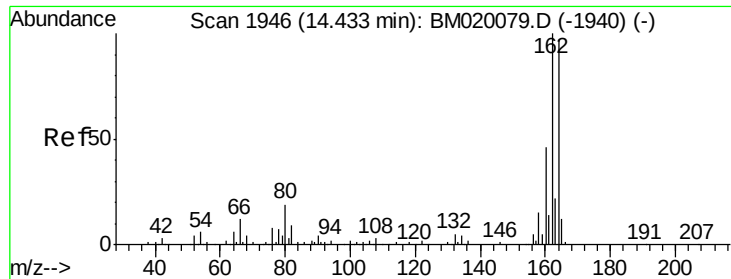
mohammad
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#38
1-Methylnaphthalene
Concen: 47.412 ng
RT: 12.45 min Scan# 1609
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.8	112.2
116	4.3	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: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

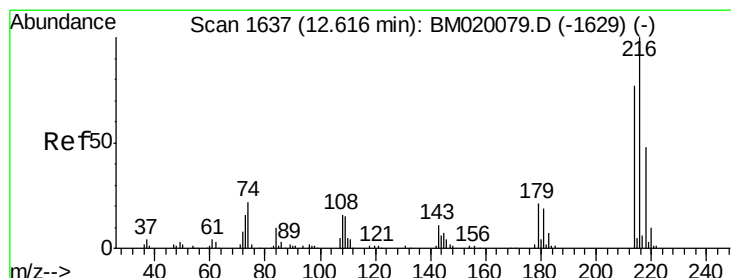
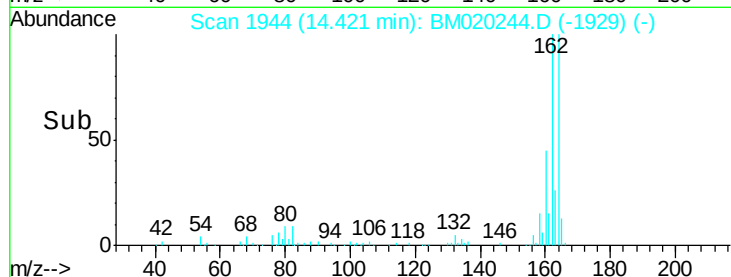
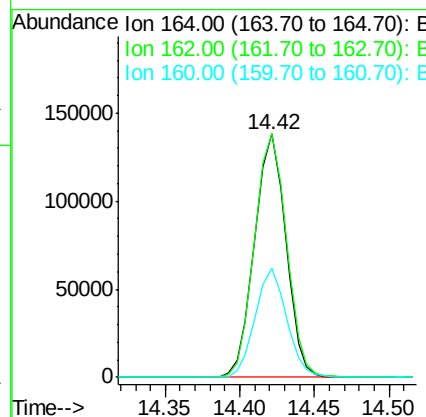
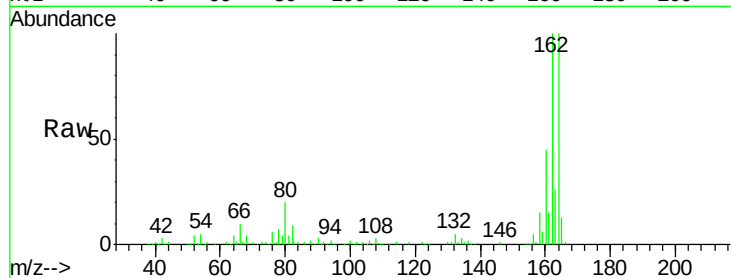
ClientSampleId :

HW-7MSD

Tgt Ion:	164	Resp:	200670
Ion Ratio	Lower	Upper	
164	100		
162	100.2	82.2	123.2
160	45.0	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.996 ng

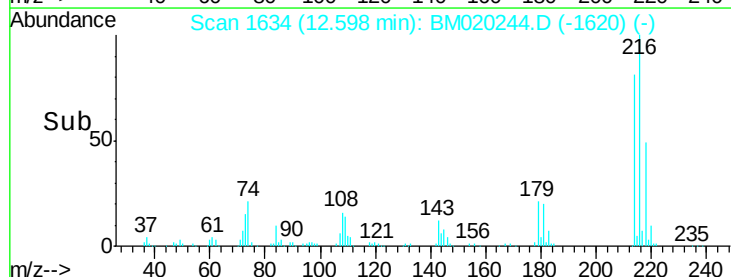
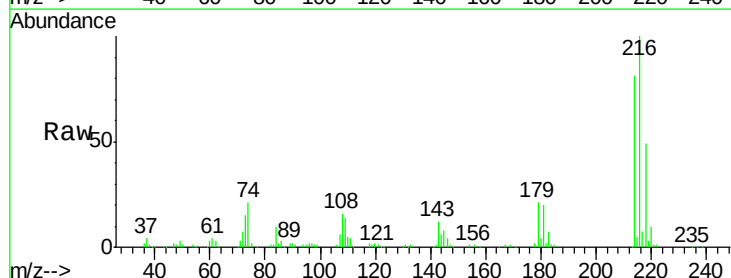
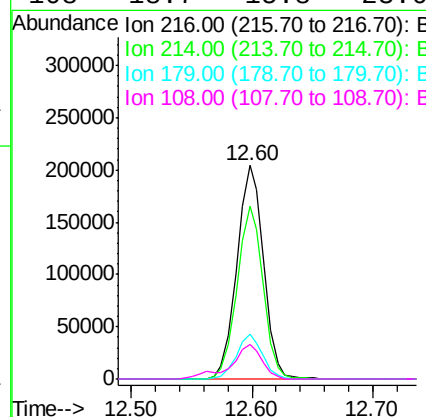
RT: 12.60 min Scan# 1634

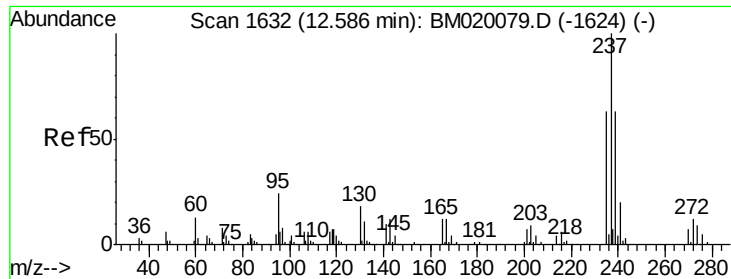
Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:	216	Resp:	314009
Ion Ratio	Lower	Upper	
216	100		
214	78.9	62.6	94.0
179	20.4	17.1	25.7
108	18.7	15.8	23.6





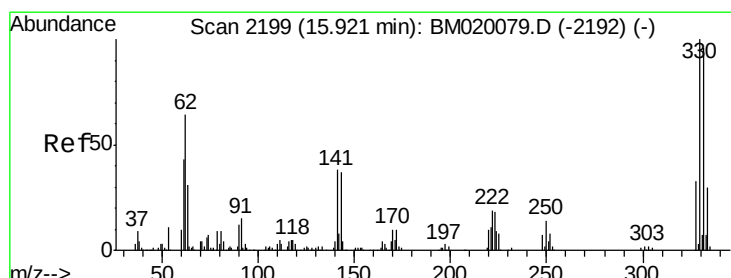
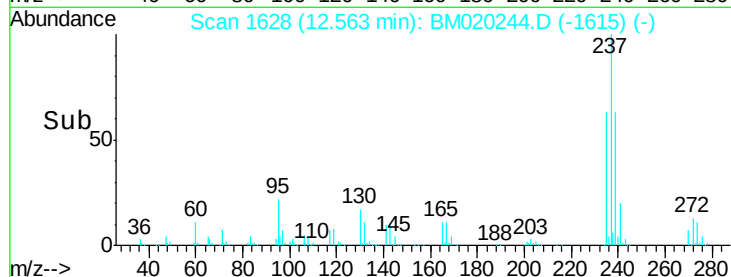
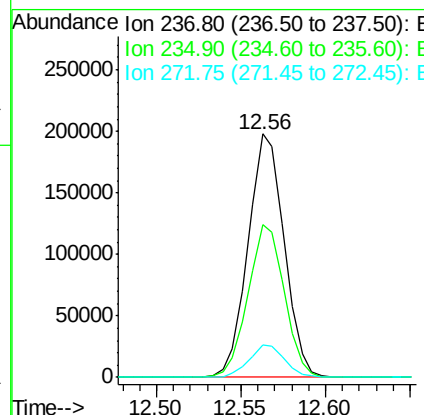
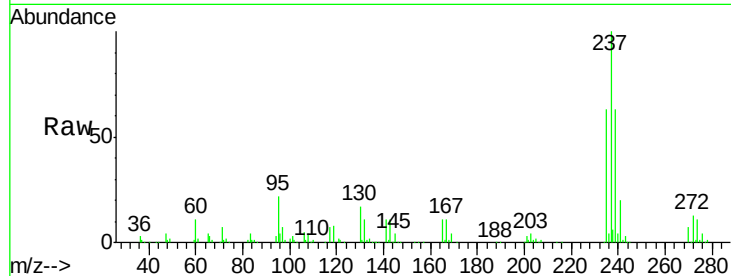
#41
Hexachlorocyclopentadiene
Concen: 63.713 ng
RT: 12.56 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampled :
HW-7MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.0	43.4	83.4
272	13.1	0.0	31.7

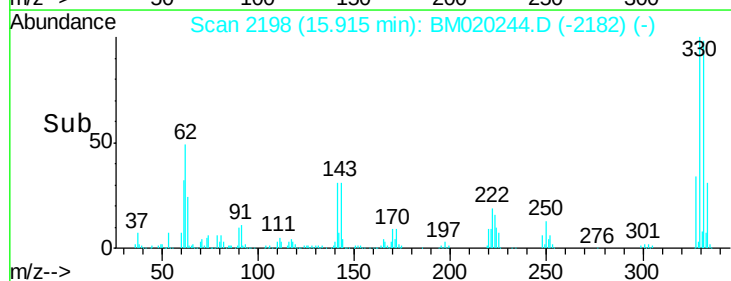
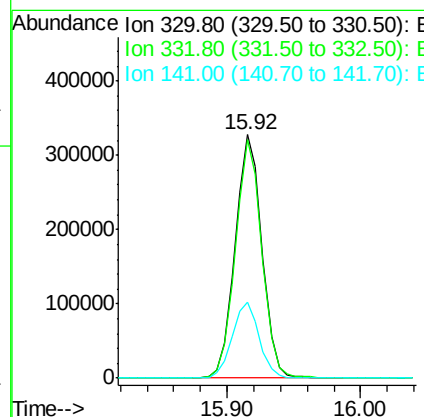
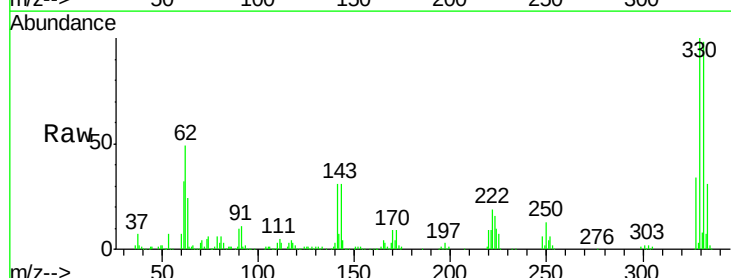
Manual Integrations
APPROVED

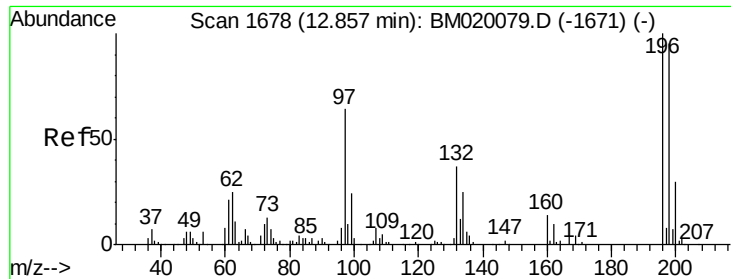
mohammad
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#42
2,4,6-Tribromophenol
Concen: 147.453 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	76.8	115.2
141	31.7	29.2	43.8





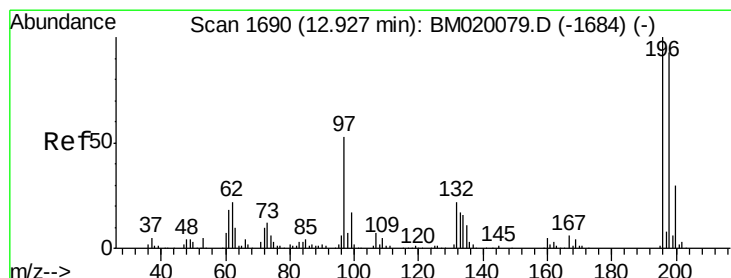
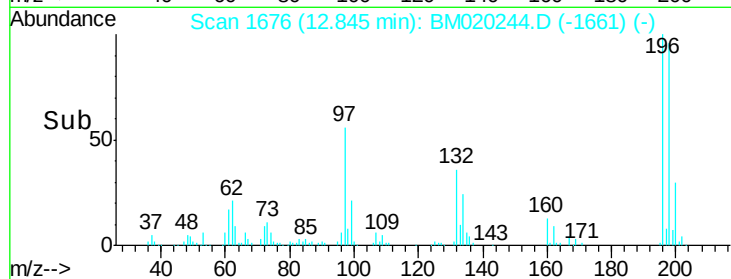
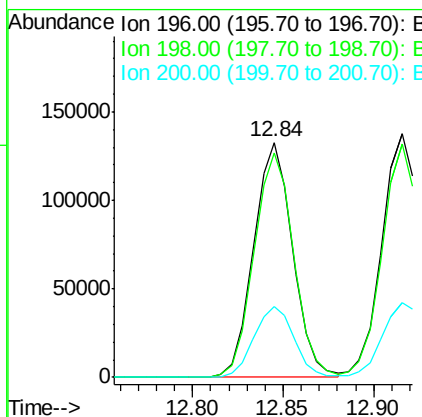
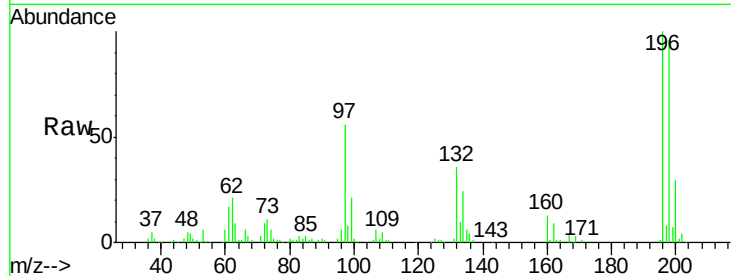
#43
 2,4,6-Trichlorophenol
 Concen: 44.411 ng
 RT: 12.84 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198157		
198	95.7	76.2	114.2	
200	30.1	24.3	36.5	

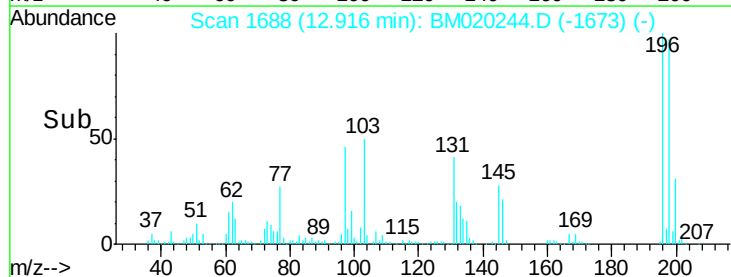
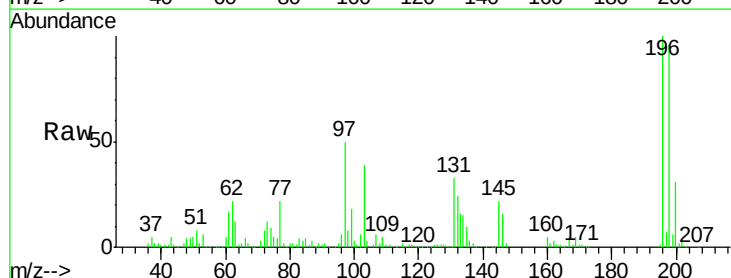
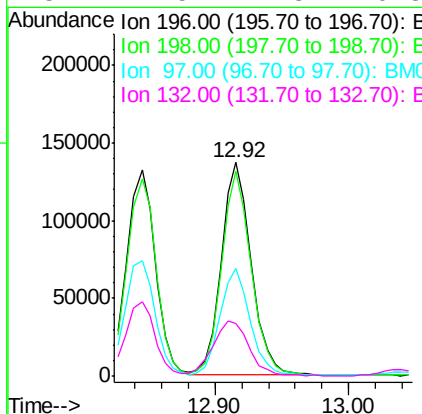
Manual Integrations
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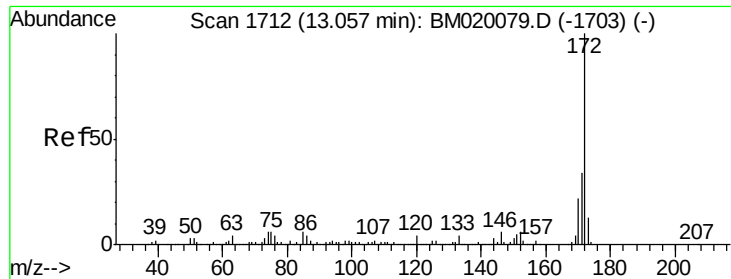
mohammad
 5/13/2019 8:25:12 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.164 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215157		
198	95.8	74.7	112.1	
97	50.3	42.2	63.4	
132	24.5	17.8	26.8	





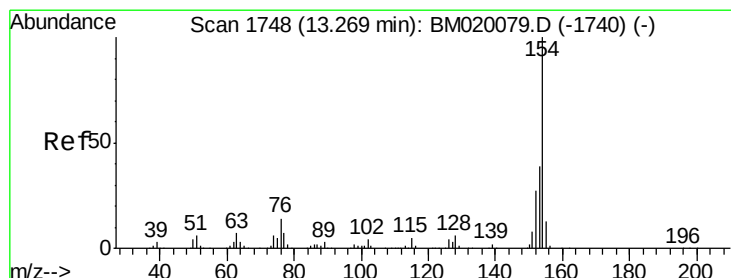
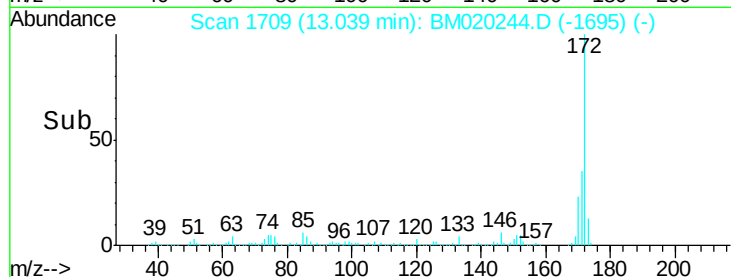
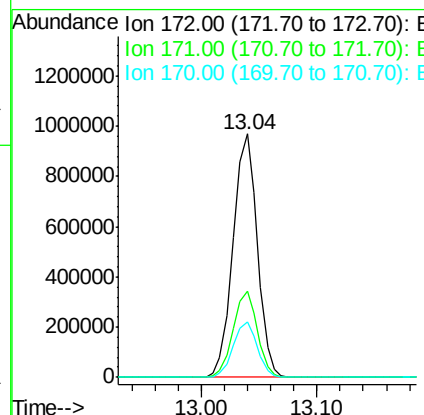
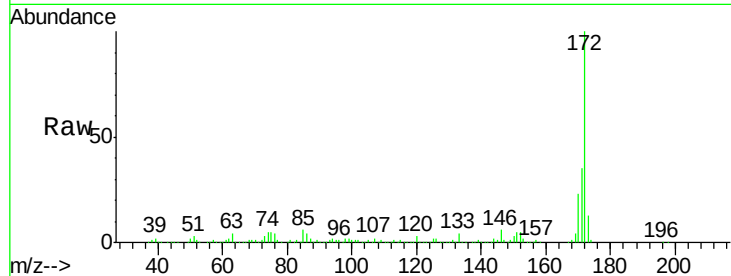
#45
 2-Fluorobiphenyl
 Concen: 86.429 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion:172 Resp: 1409635
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.3 40.9
 170 22.7 17.9 26.9

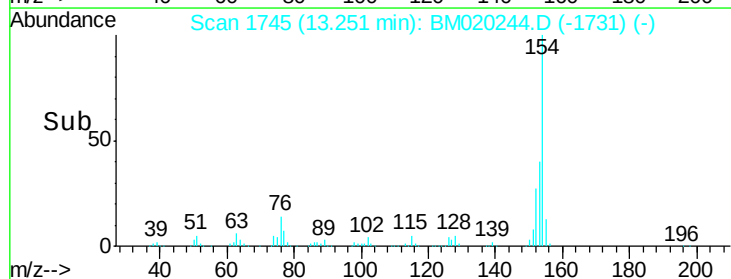
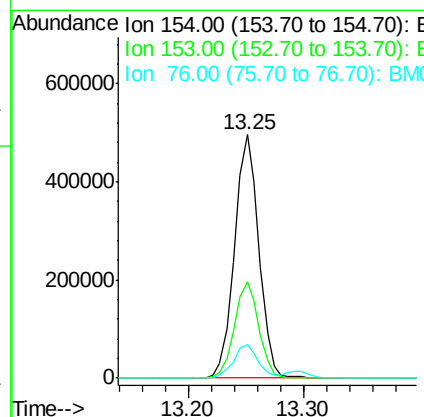
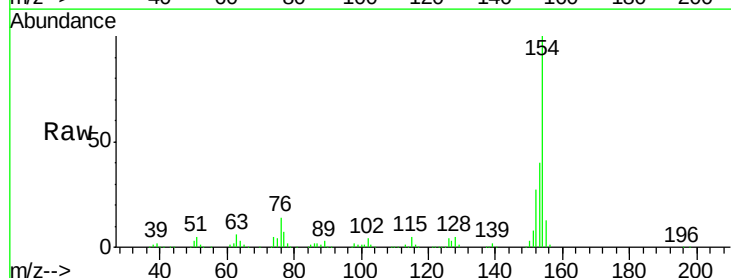
Manual Integrations
 APPROVED

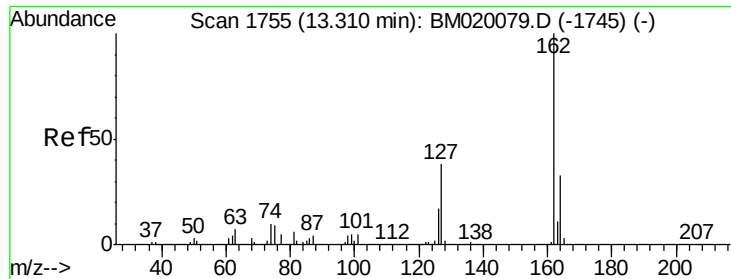
mohammad
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#46
 1,1'-Biphenyl
 Concen: 43.550 ng
 RT: 13.25 min Scan# 1745
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion:154 Resp: 719312
 Ion Ratio Lower Upper
 154 100
 153 39.6 19.4 59.4
 76 13.9 0.0 34.5





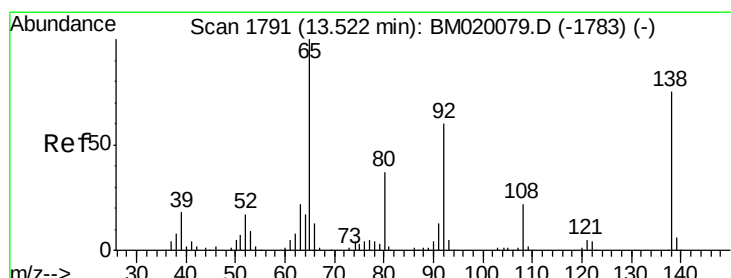
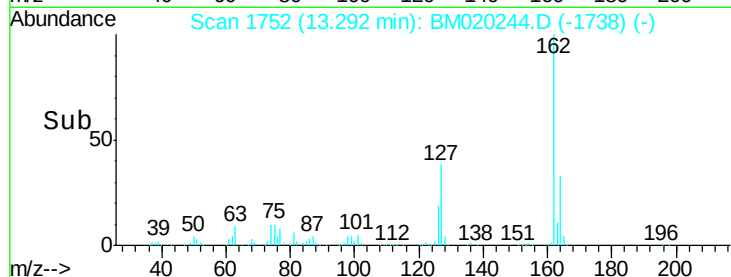
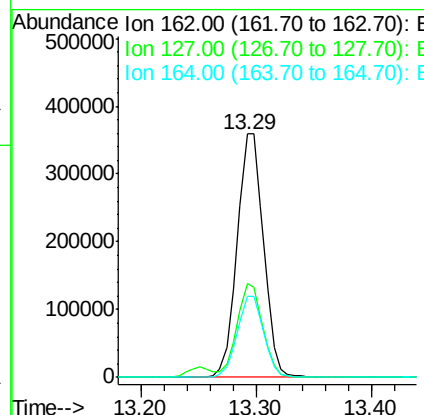
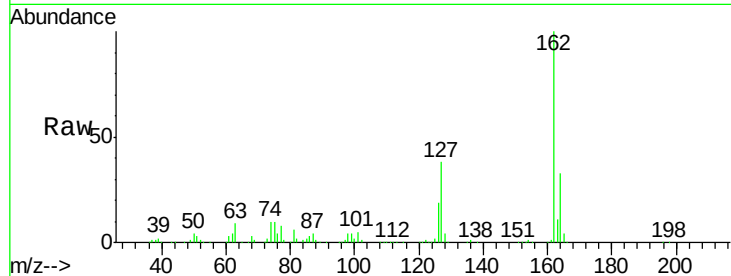
#47
 2-Chloronaphthalene
 Concen: 43.185 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	569502		
127	38.4		31.0	46.4
164	33.2		26.2	39.2

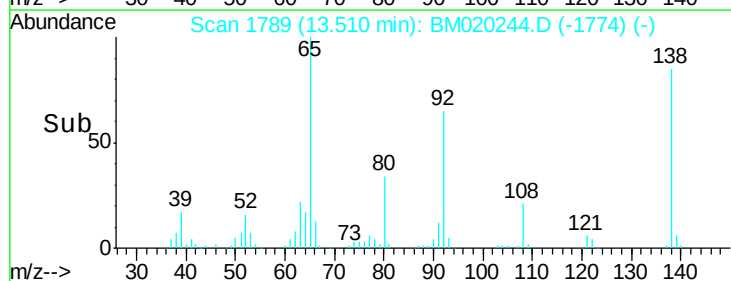
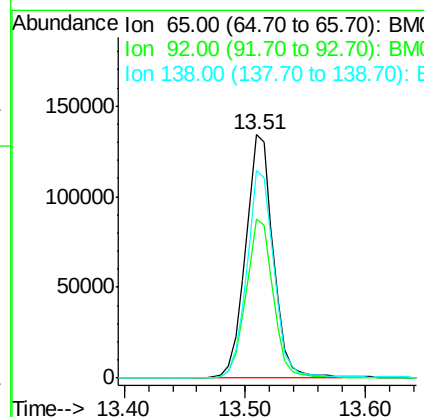
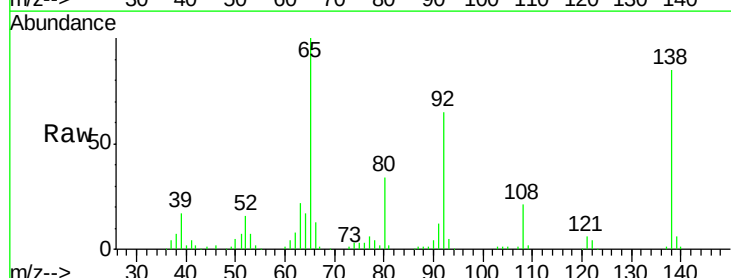
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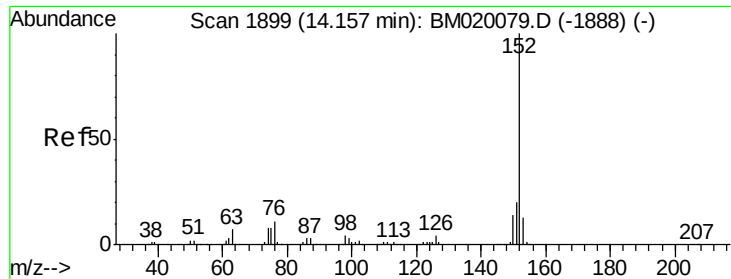
mohammad
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#48
 2-Nitroaniline
 Concen: 45.752 ng
 RT: 13.51 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	214806		
92	65.2		48.2	72.4
138	85.4		60.3	90.5





#49

Acenaphthylene

Concen: 43.554 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

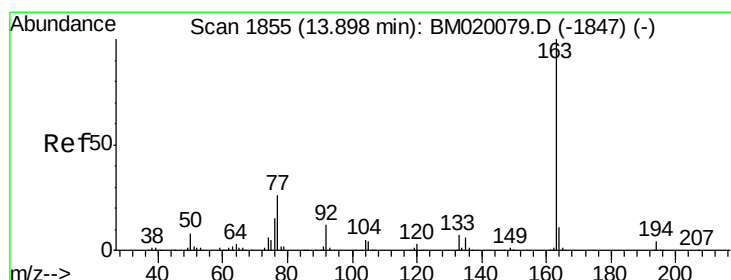
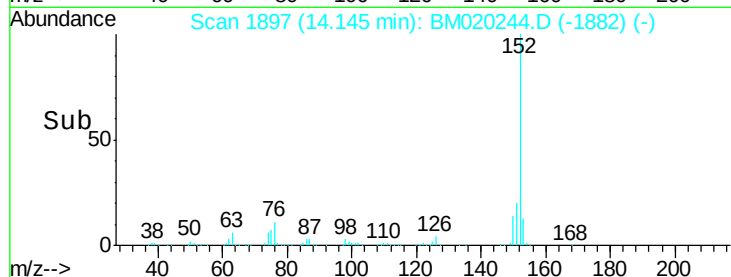
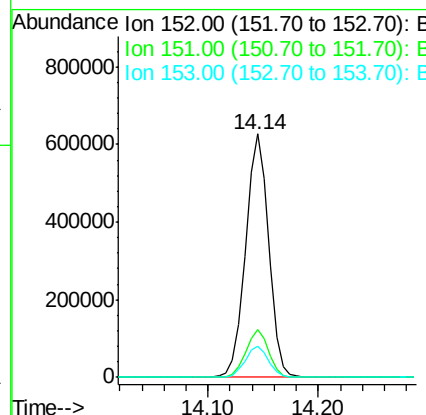
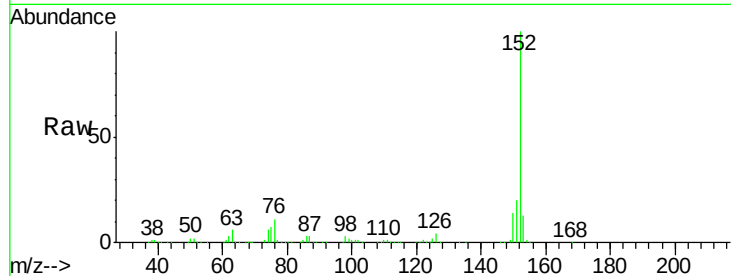
ClientSampleId :

HW-7MSD

Tgt Ion:	152	Resp:	919221
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.2
153	12.8	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.803 ng

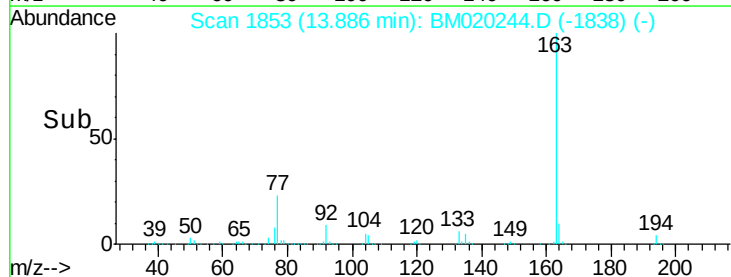
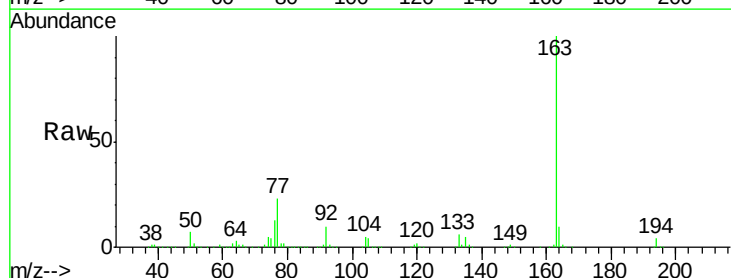
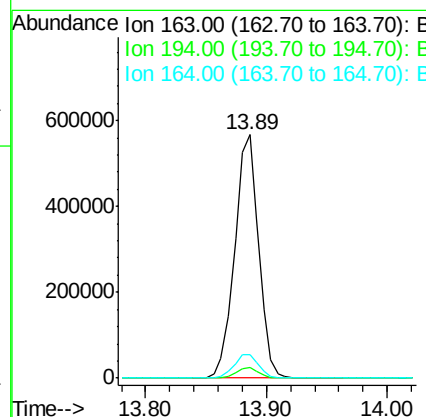
RT: 13.89 min Scan# 1853

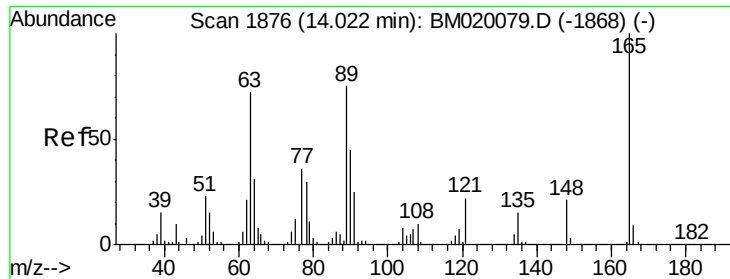
Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:	163	Resp:	781196
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.6	5.4
164	9.9	8.4	12.6





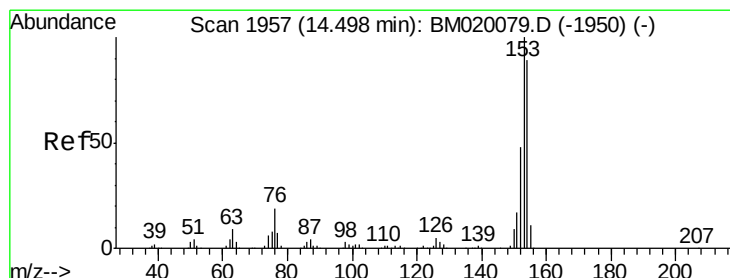
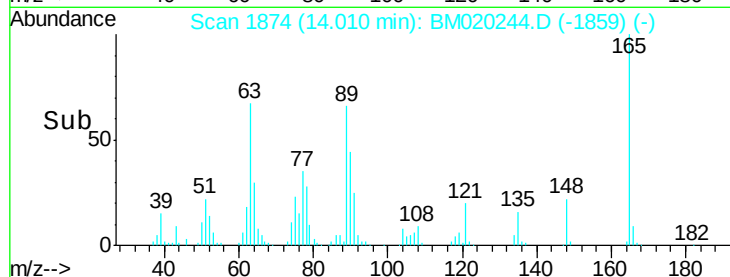
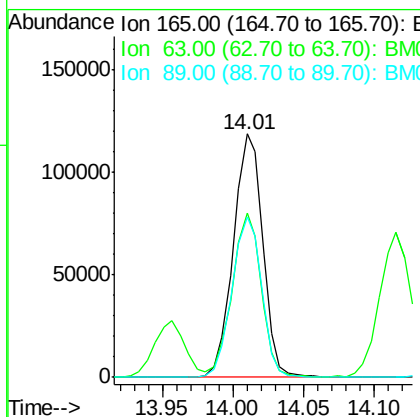
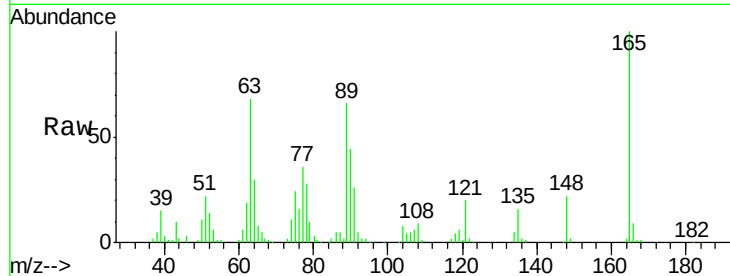
#51
 2,6-Dinitrotoluene
 Concen: 47.843 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	171863		
63	67.7	60.3	90.5	
89	65.7	59.8	89.6	

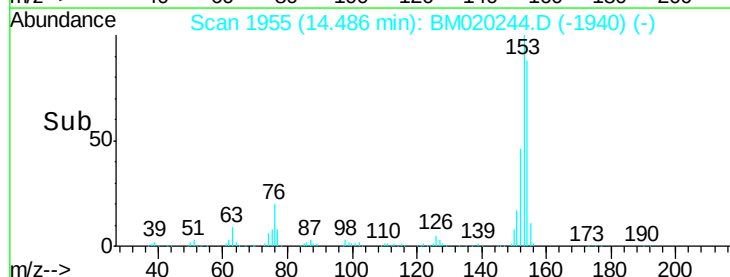
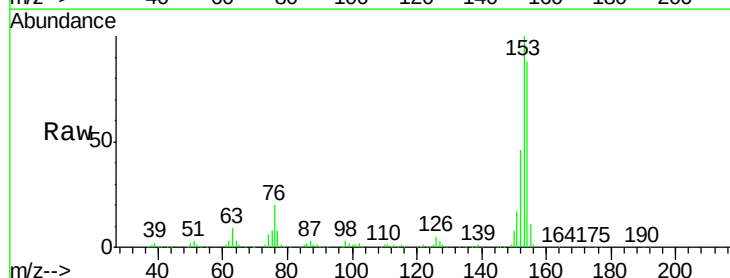
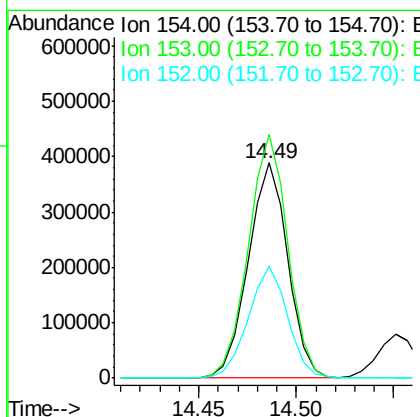
Manual Integrations
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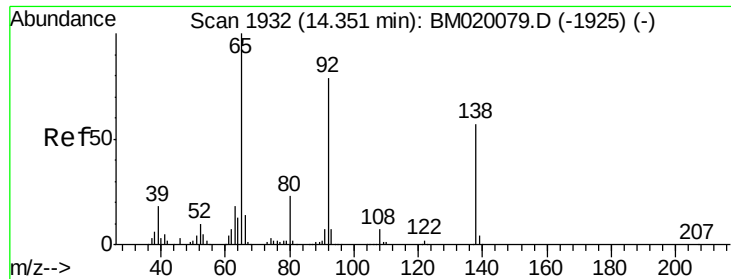
mohammad
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#52
 Acenaphthene
 Concen: 45.024 ng
 RT: 14.49 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	544919		
153	113.3	90.2	135.2	
152	52.2	43.0	64.4	





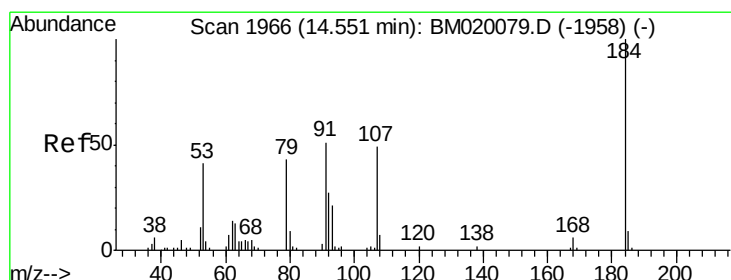
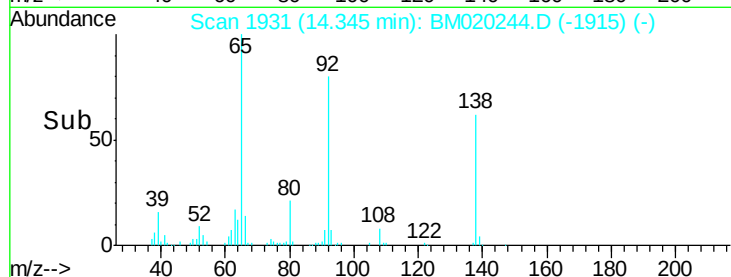
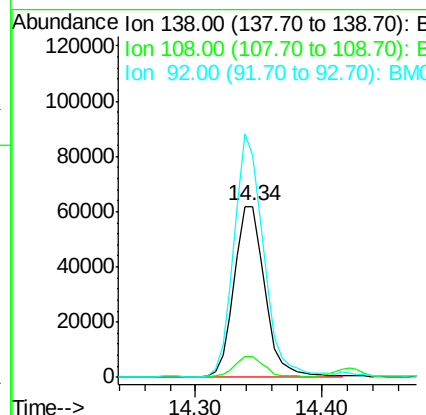
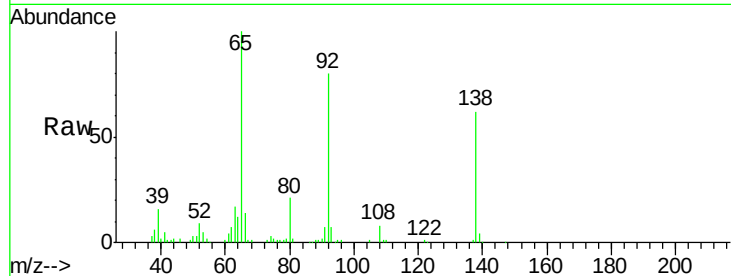
#53
 3-Nitroaniline
 Concen: 31.375 ng
 RT: 14.34 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion	Ratio	Lower	Upper
138	100		
108	12.5	10.4	15.6
92	129.9	111.3	166.9

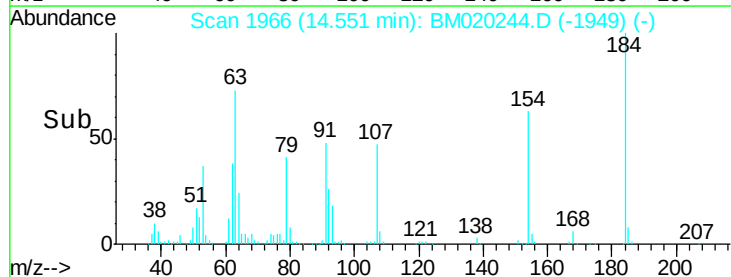
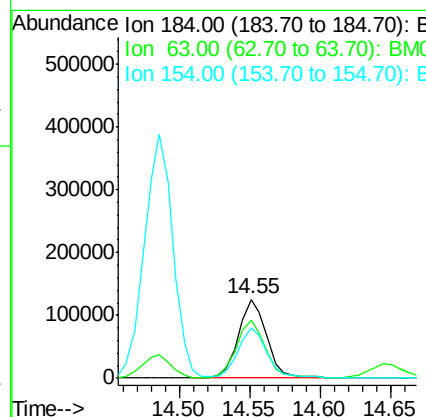
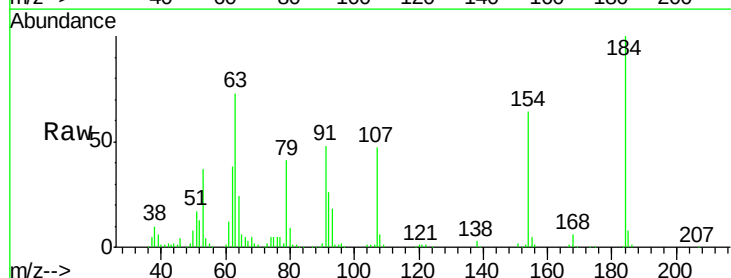
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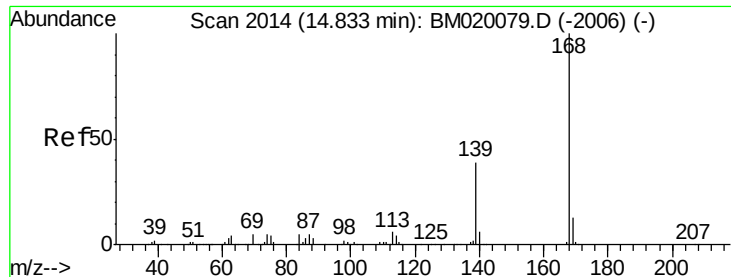
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 96.284 ng
 RT: 14.55 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.9	68.9	103.3
154	63.7	54.4	81.6





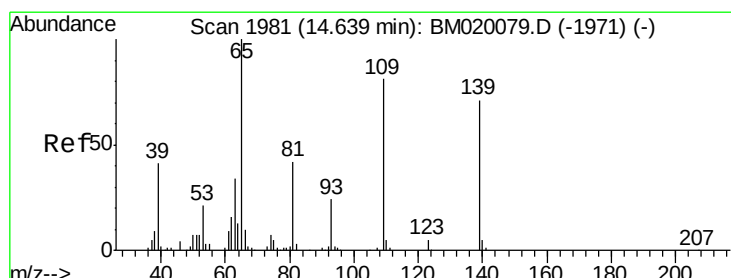
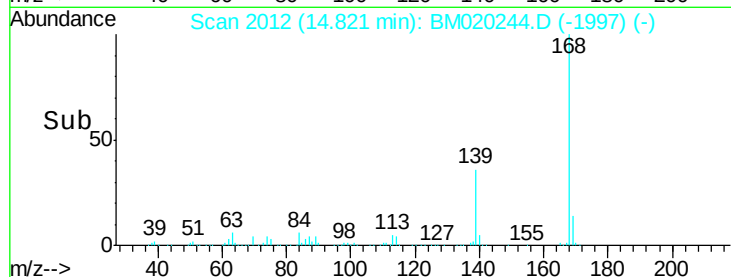
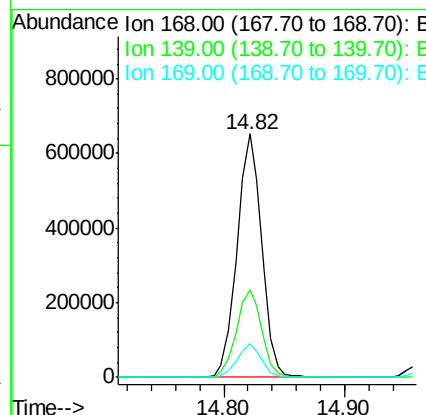
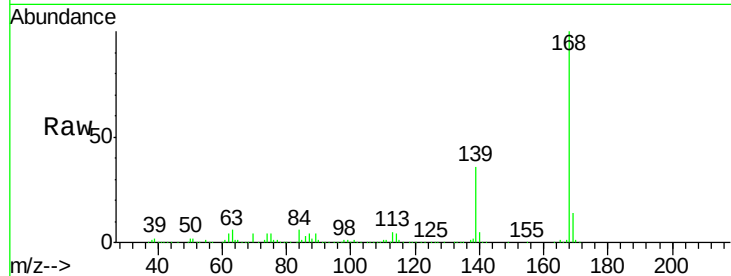
#55
Dibenzofuran
Concen: 45.478 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.1	46.7
169	13.7	10.6	16.0

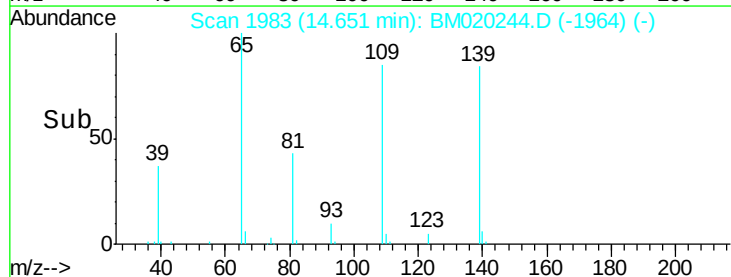
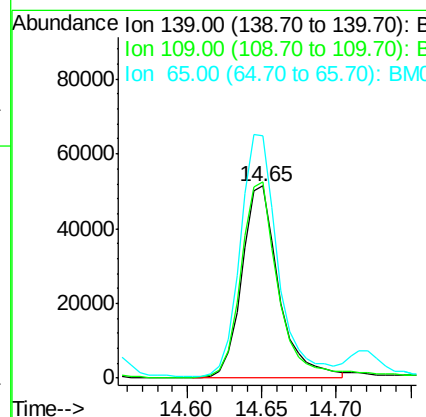
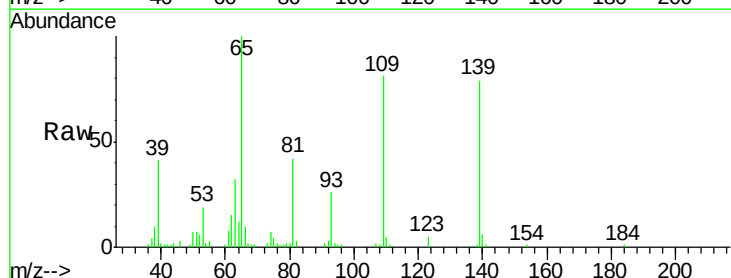
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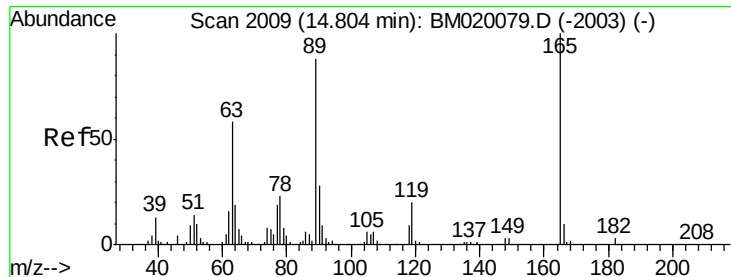
mohammad
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#56
4-Nitrophenol
Concen: 31.133 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
139	100		
109	102.5	94.1	134.1
65	126.0	120.9	160.9





#57

2,4-Dinitrotoluene

Concen: 51.047 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

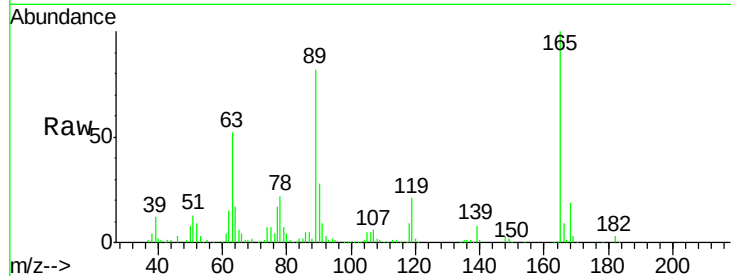
ClientSampled :

HW-7MSD

Tgt Ion:	165	Resp:	249169
Ion Ratio	Lower	Upper	
165	100		
63	51.7	46.2	69.2
89	82.5	70.6	105.8
182	2.7	2.2	3.2

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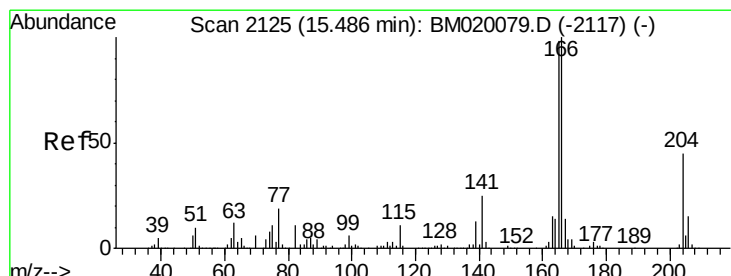
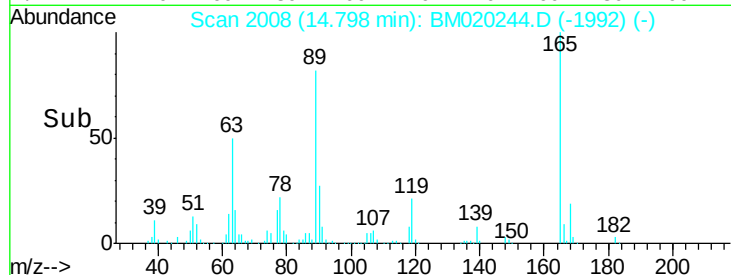
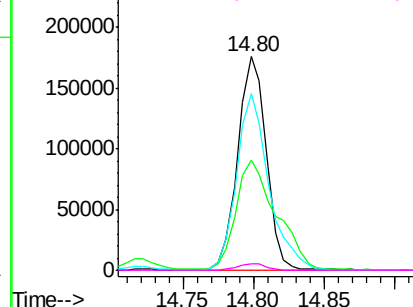


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.321 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BM020244.D

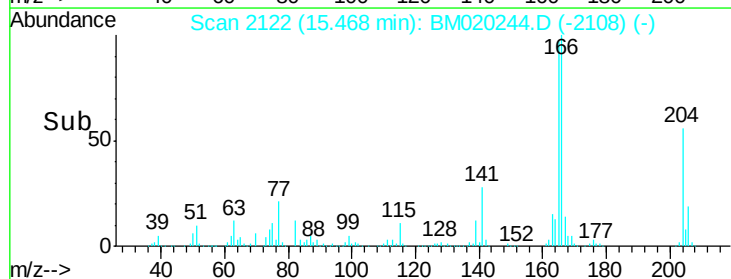
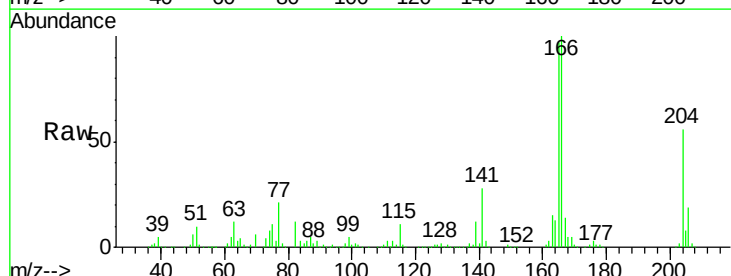
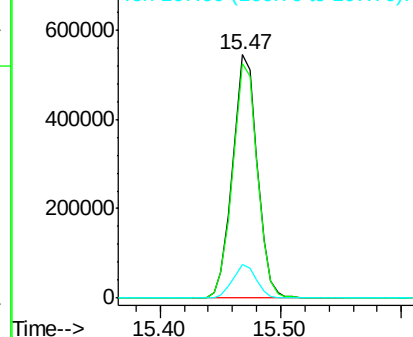
Acq: 10 May 2019 16:28

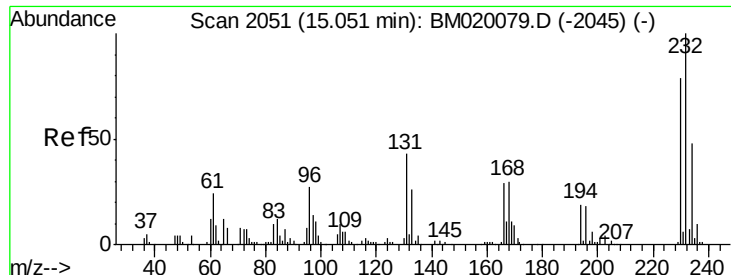
Tgt Ion:	166	Resp:	776636
Ion Ratio	Lower	Upper	
166	100		
165	96.5	78.2	117.2
167	14.0	11.0	16.4

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





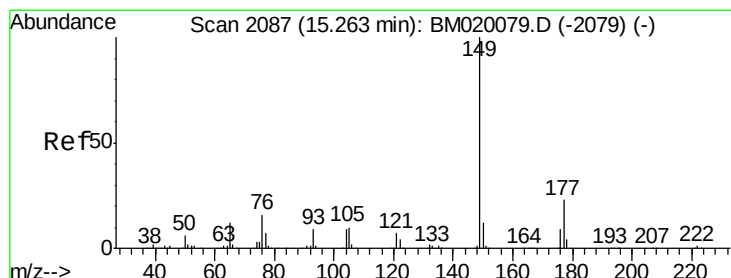
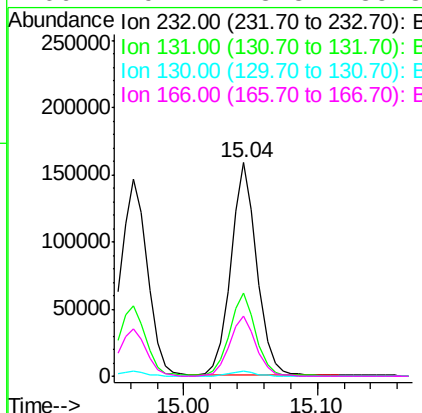
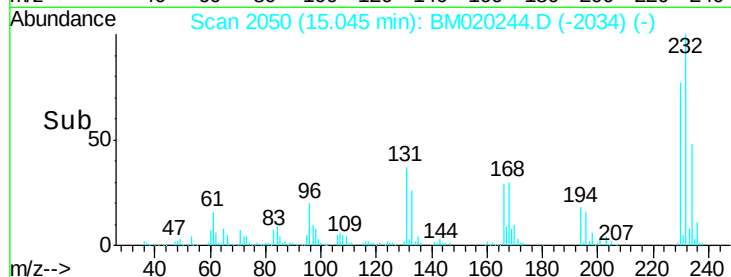
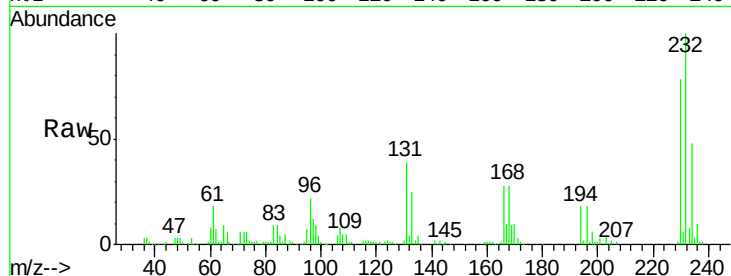
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.264 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampled :
 HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	214407		
131	38.7	34.2	51.4	
130	2.2	2.0	3.0	
166	29.2	23.8	35.8	

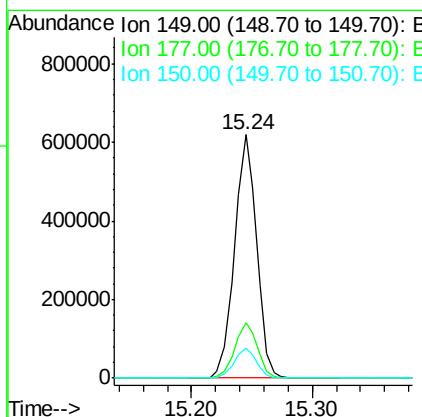
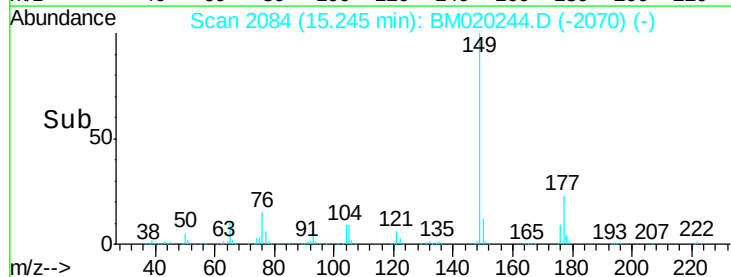
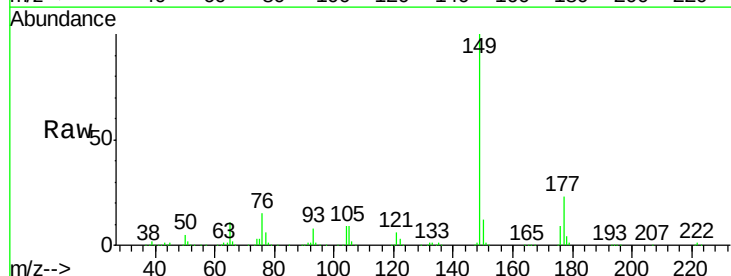
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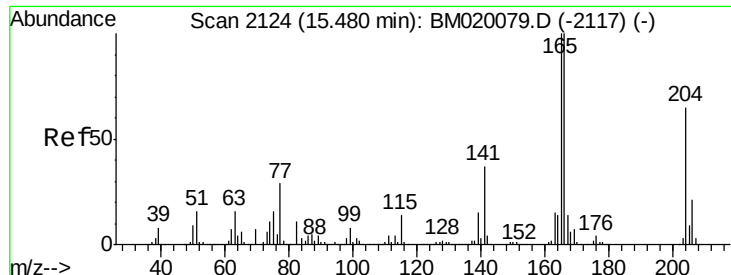
mohammad
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#60
 Diethylphthalate
 Concen: 45.997 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	790369		
177	22.6	18.2	27.4	
150	12.4	9.9	14.9	





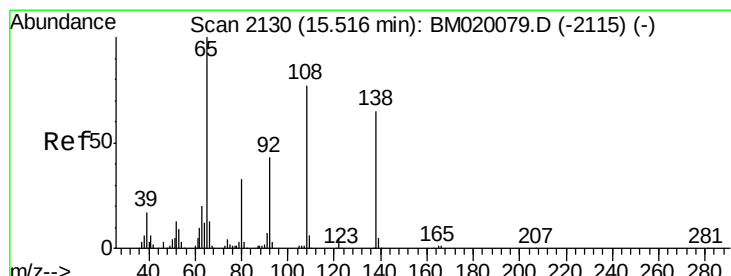
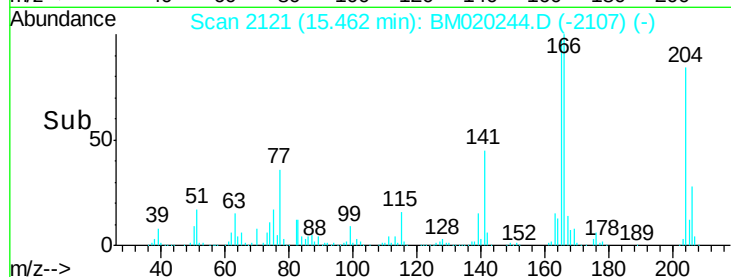
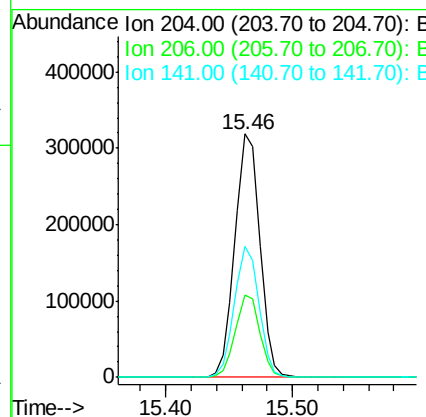
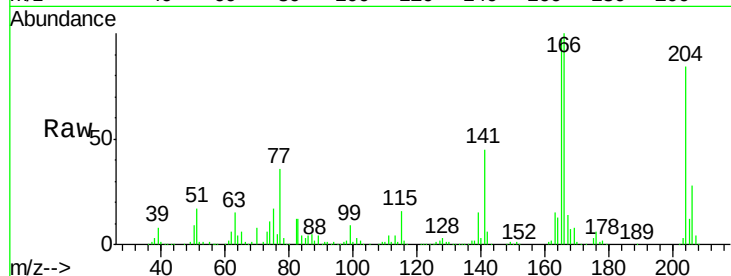
#61
 4-Chlorophenyl-phenylether
 Concen: 45.761 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	434722		
206	33.9	25.6	38.4	
141	53.7	46.1	69.1	

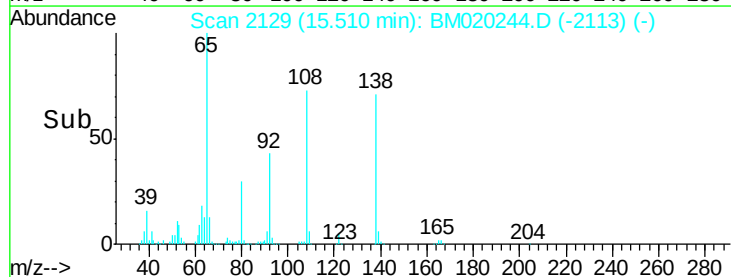
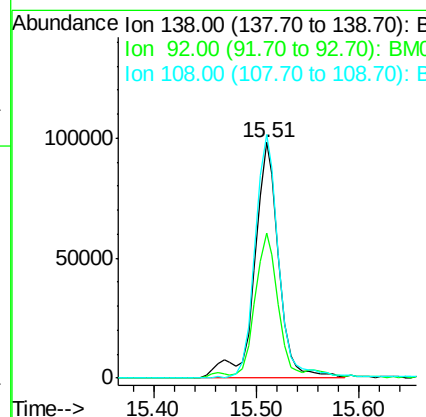
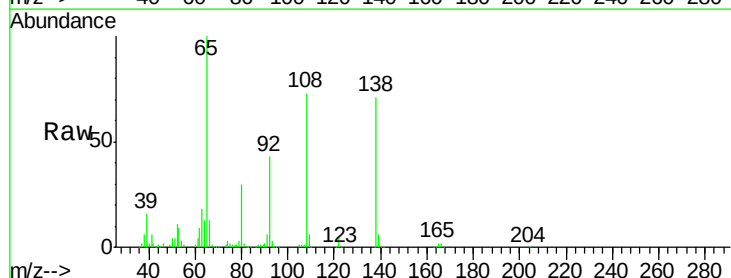
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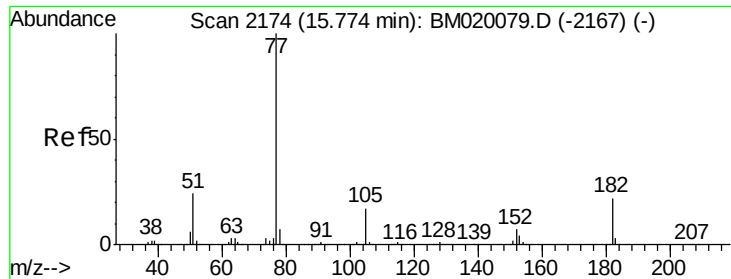
mohammad
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#62
 4-Nitroaniline
 Concen: 44.310 ng m
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	163035		
92	61.3	45.9	85.9	
108	103.3	97.7	137.7	





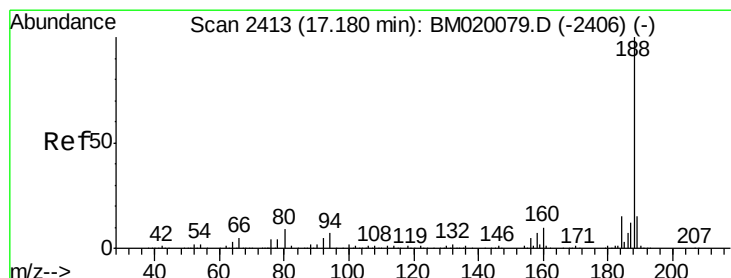
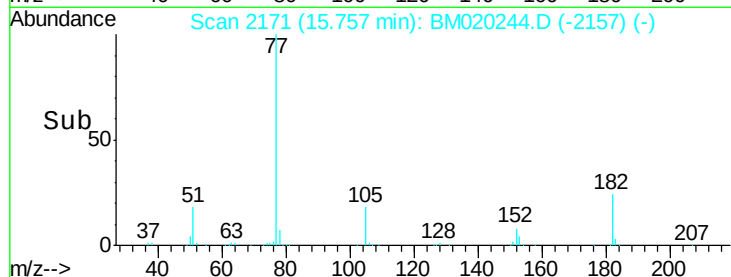
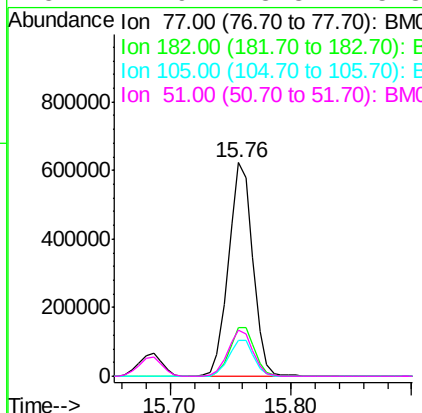
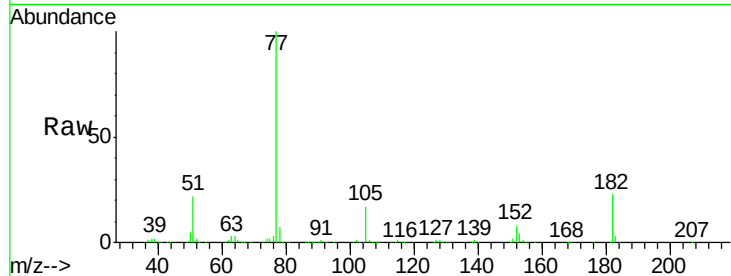
#63
Azobenzene
Concen: 42.778 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	867159		
182	22.6	2.1	42.1	
105	17.0	0.0	36.8	
51	21.9	3.8	43.8	

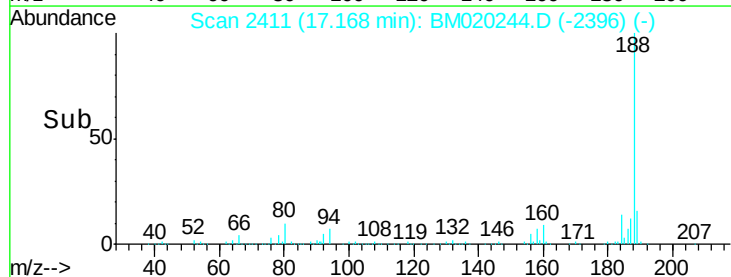
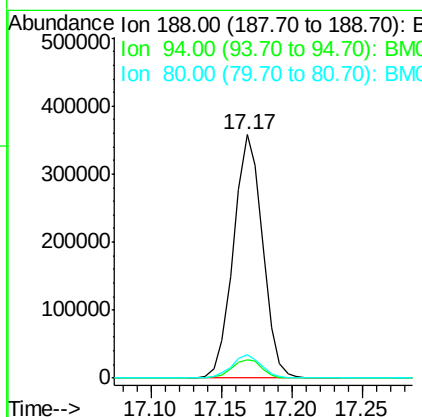
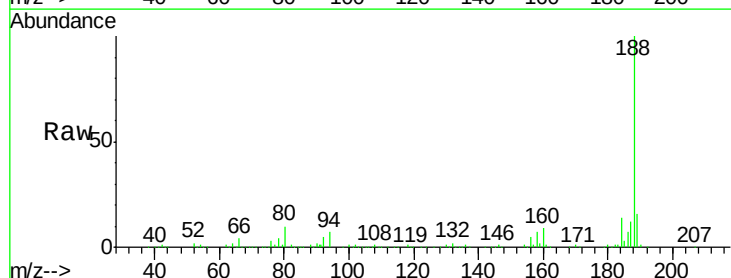
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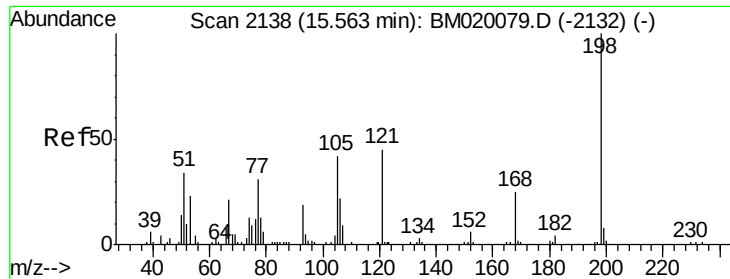
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	515719		
94	7.5	5.8	8.6	
80	9.6	7.4	11.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 46.967 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

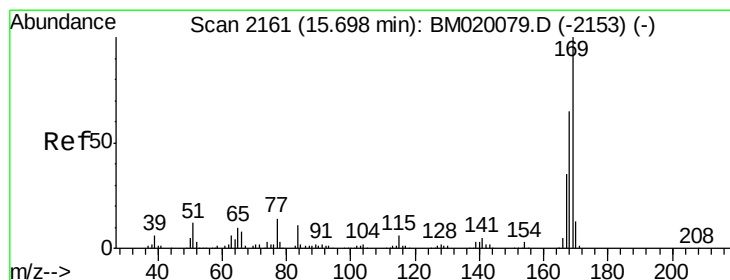
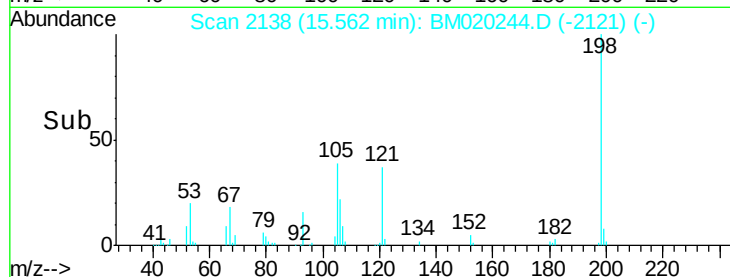
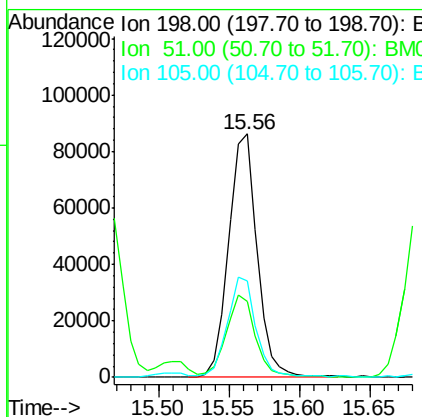
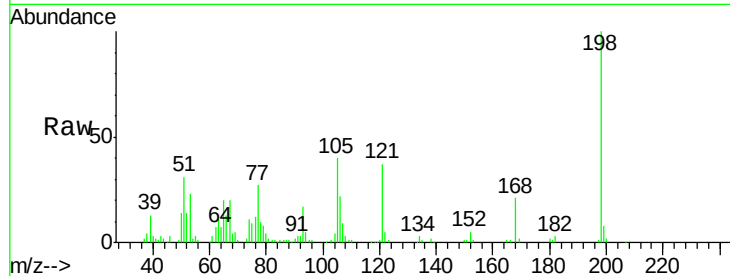
ClientSampleId :

HW-7MSD

Tgt Ion:	198	Resp:	121743
Ion Ratio	Lower	Upper	
198	100		
51	30.9	16.5	56.5
105	39.8	22.8	62.8

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#66

n-Nitrosodiphenylamine

Concen: 45.468 ng

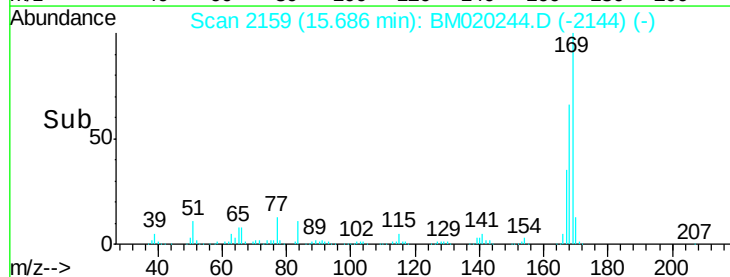
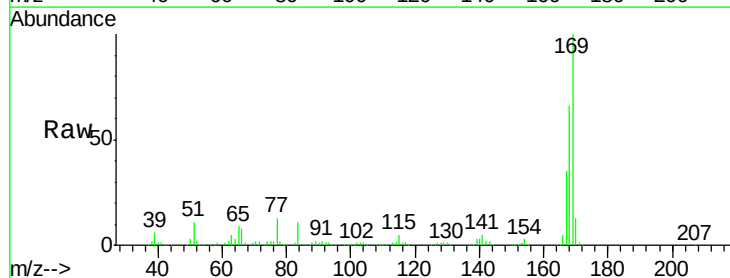
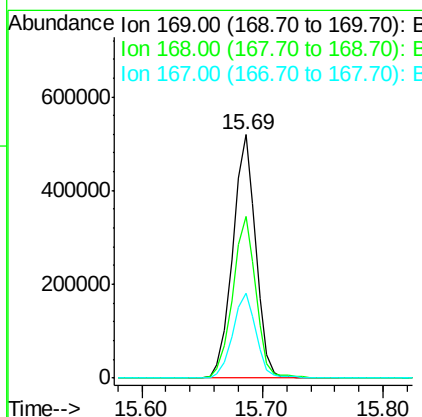
RT: 15.69 min Scan# 2159

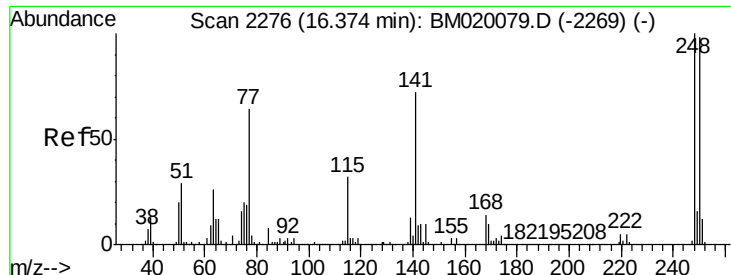
Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:	169	Resp:	689987
Ion Ratio	Lower	Upper	
169	100		
168	66.4	51.9	77.9
167	34.9	27.8	41.6





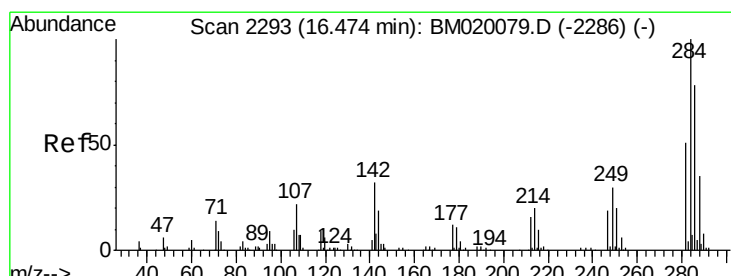
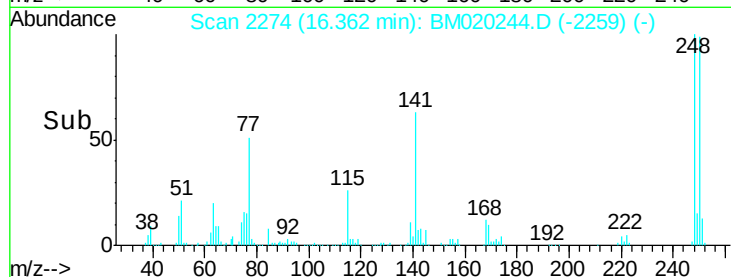
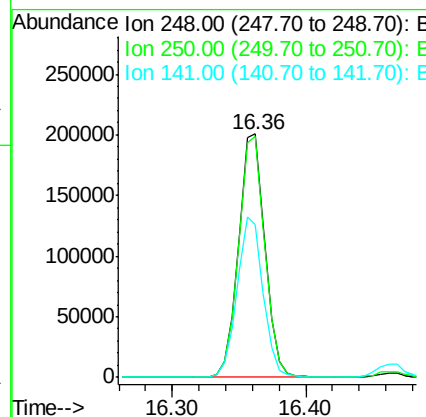
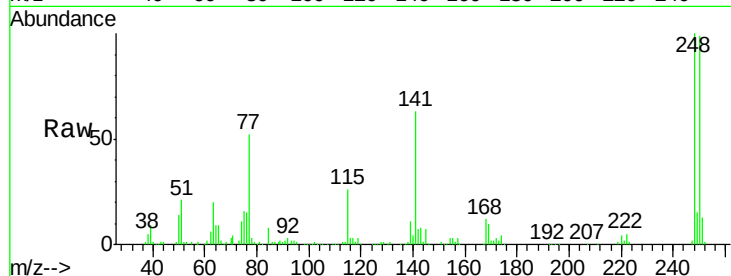
#67
 4-Bromophenyl-phenylether
 Concen: 43.629 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampled :
 HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	275910		
250	99.1	78.4	117.6	
141	63.0	57.4	86.2	

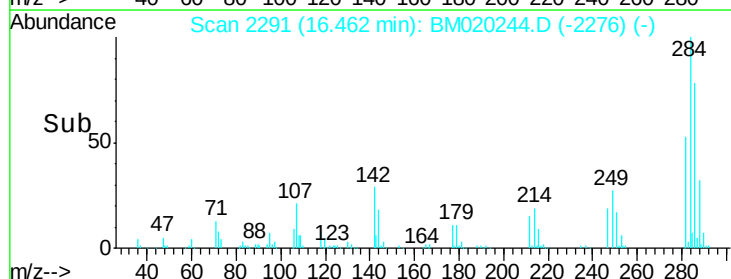
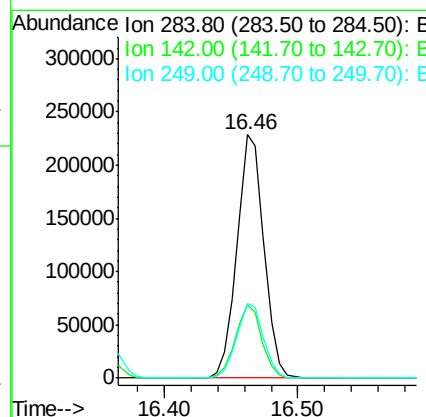
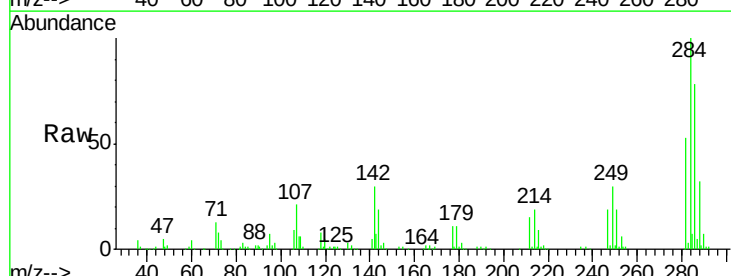
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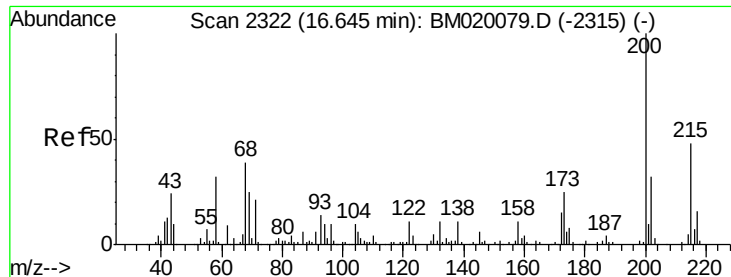
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#68
 Hexachlorobenzene
 Concen: 44.080 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	320787		
142	30.3	25.2	37.8	
249	30.4	23.6	35.4	





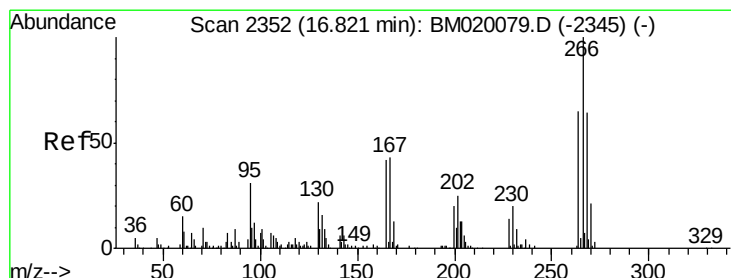
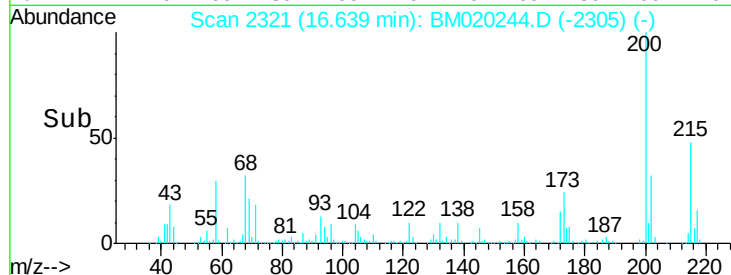
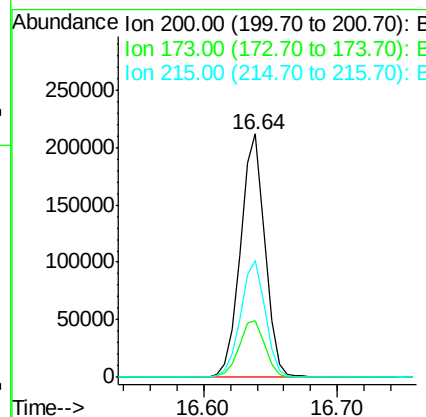
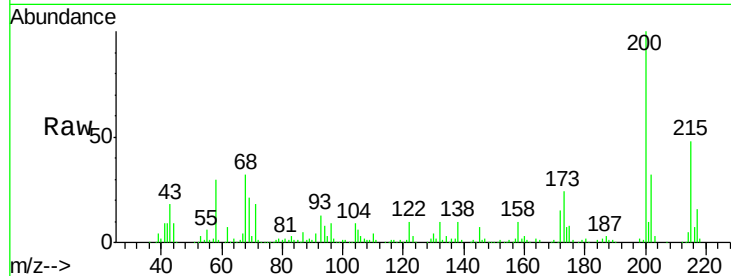
#69
Atrazine
Concen: 45.503 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	269852		
173	23.6	4.6	44.6	
215	48.3	28.0	68.0	

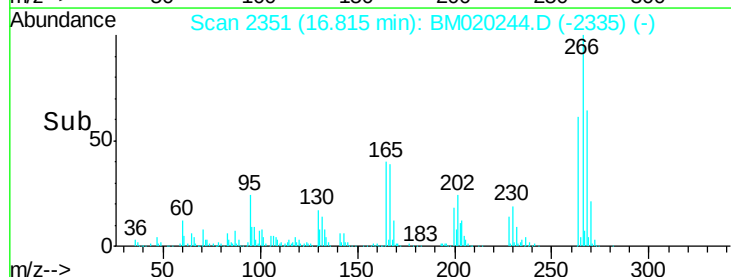
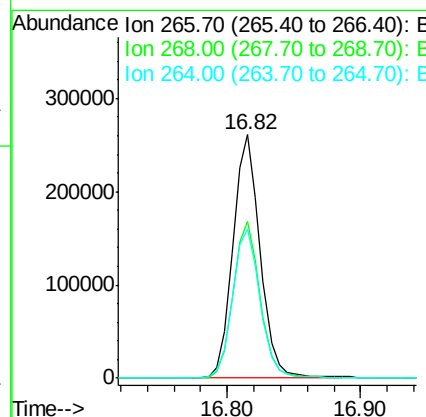
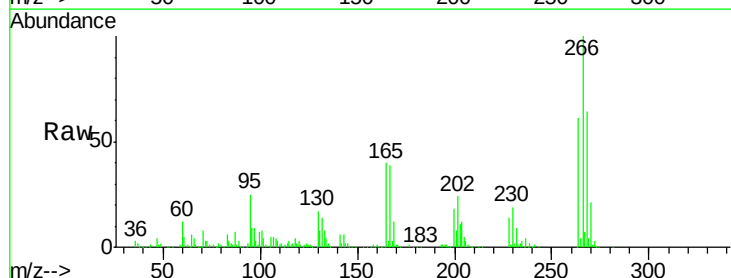
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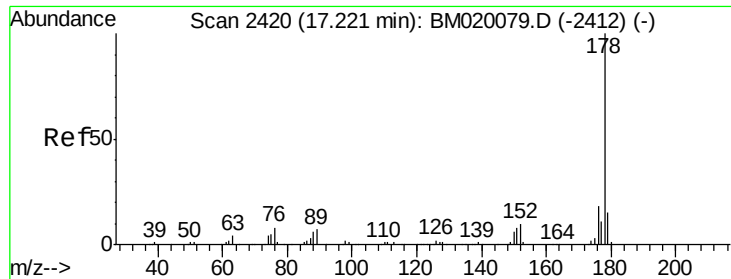
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#70
Pentachlorophenol
Concen: 89.638 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	373237		
268	64.1	51.4	77.0	
264	61.1	52.0	78.0	





#71

Phenanthrene

Concen: 45.713 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

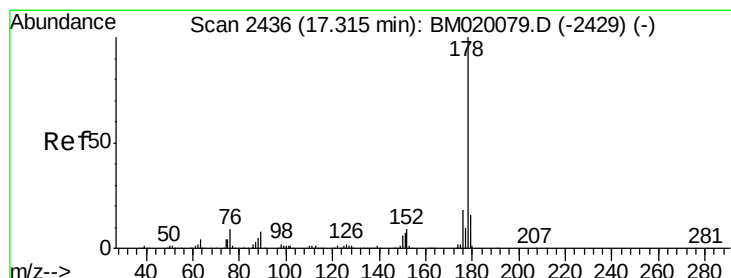
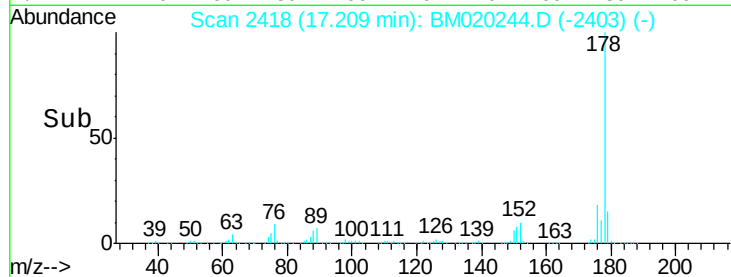
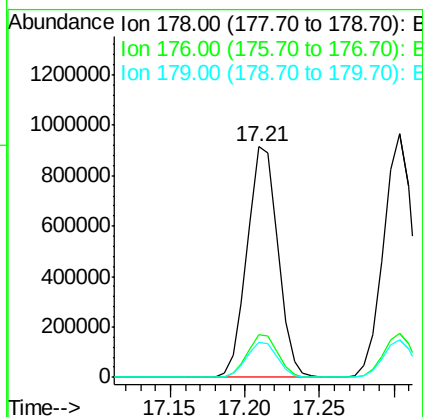
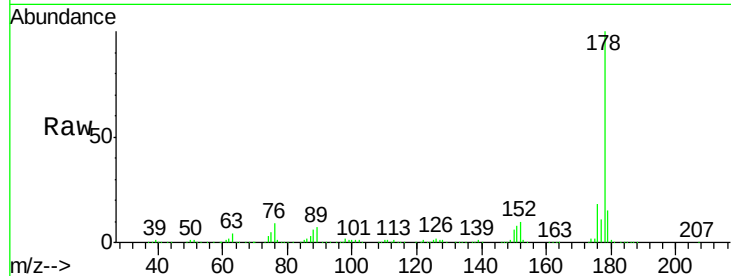
HW-7MSD

Tgt Ion:178 Resp: 1301354

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.3	12.4	18.6

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#72

Anthracene

Concen: 46.677 ng

RT: 17.30 min Scan# 2434

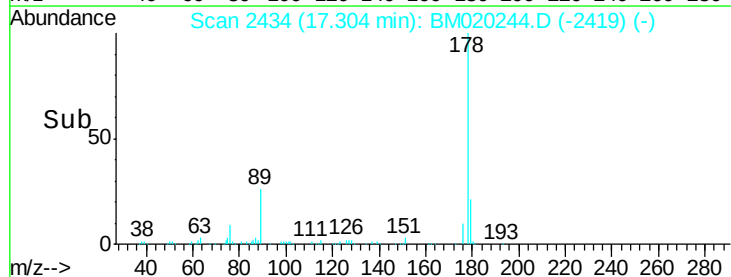
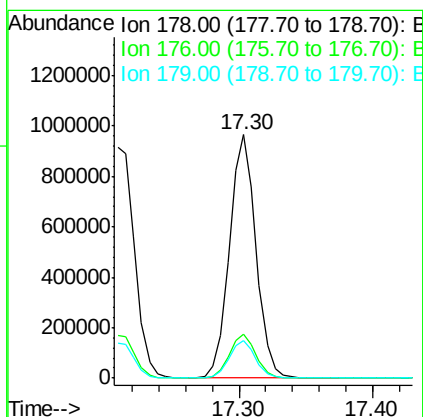
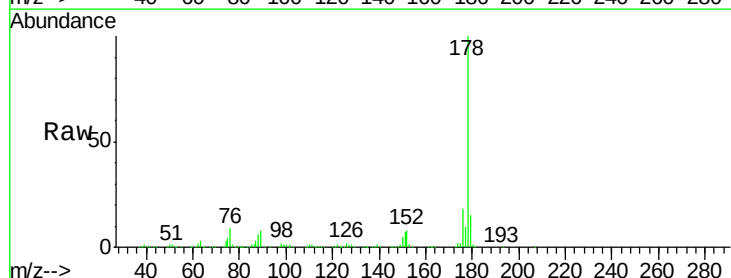
Delta R.T. -0.01 min

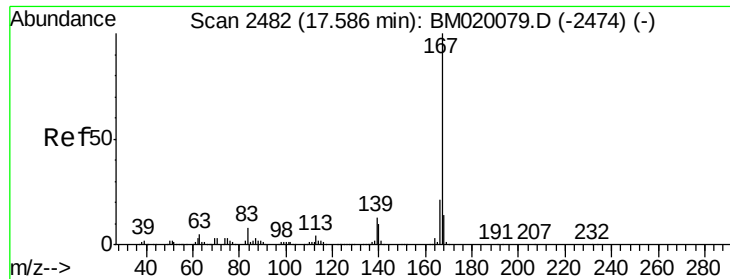
Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:178 Resp: 1328565

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.4	12.4	18.6





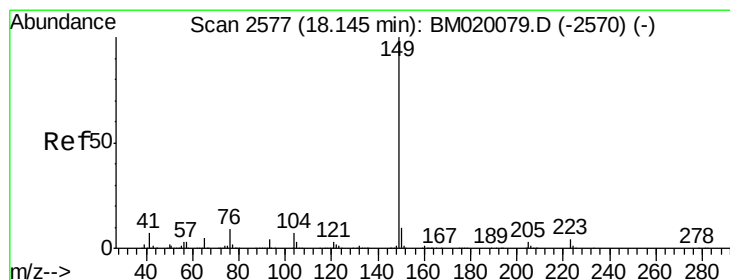
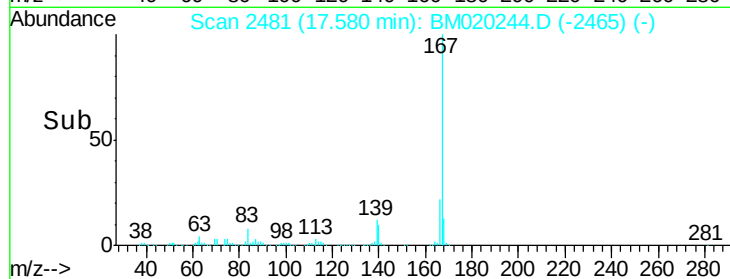
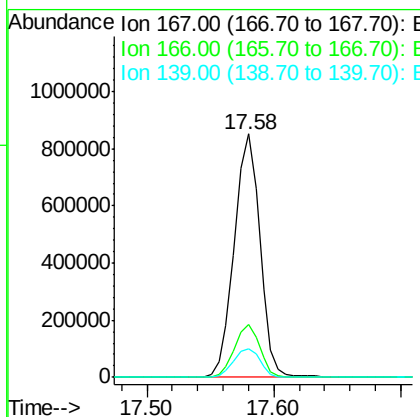
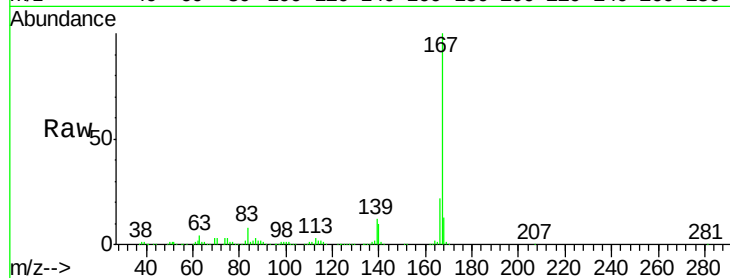
#73
 Carbazole
 Concen: 46.703 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	12.0	10.6	16.0

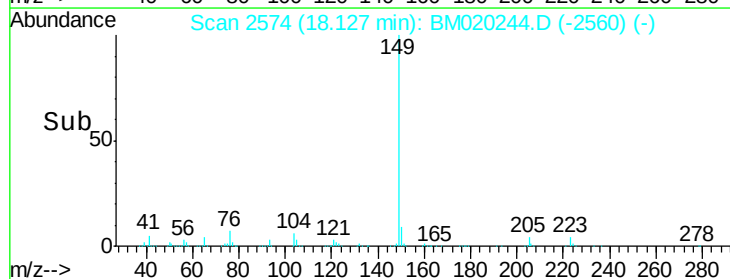
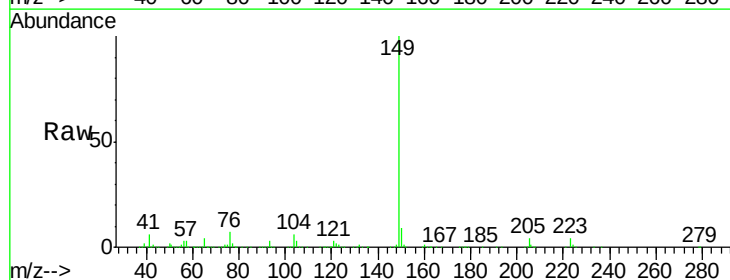
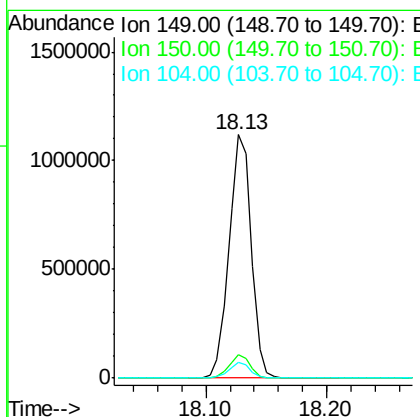
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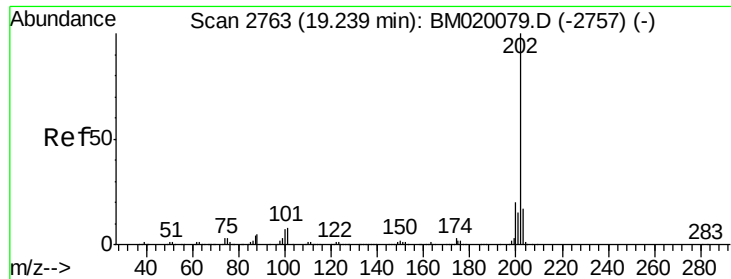
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#74
 Di-n-butylphthalate
 Concen: 46.198 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	6.3	5.7	8.5





#75

Fluoranthene

Concen: 47.756 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

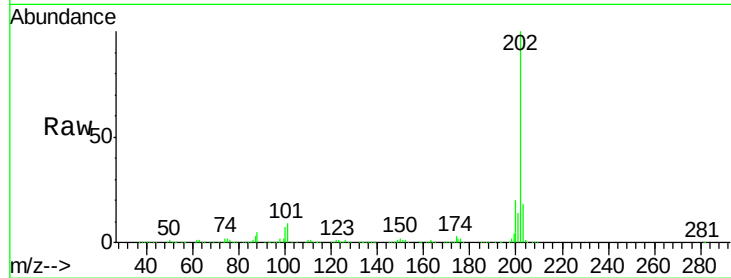
ClientSampleId :

HW-7MSD

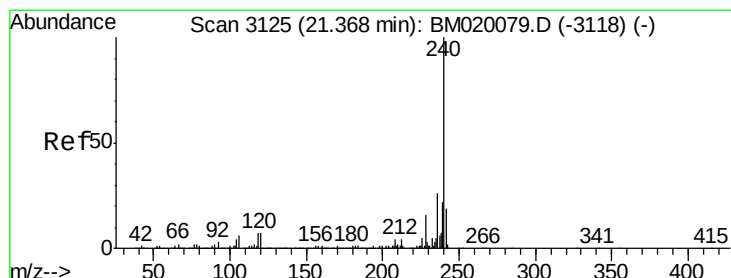
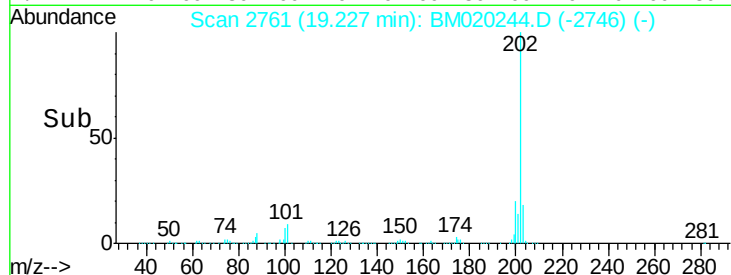
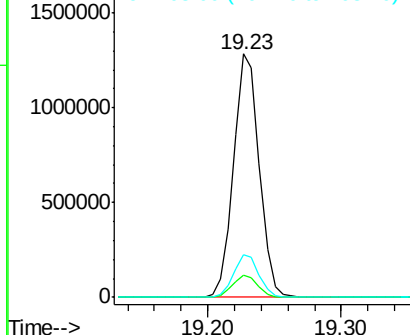
Tgt Ion:	202	Resp:	1720155
Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	28.4
203	17.6	0.0	37.4

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

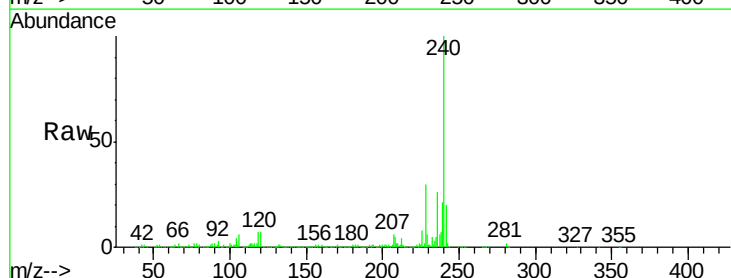
RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

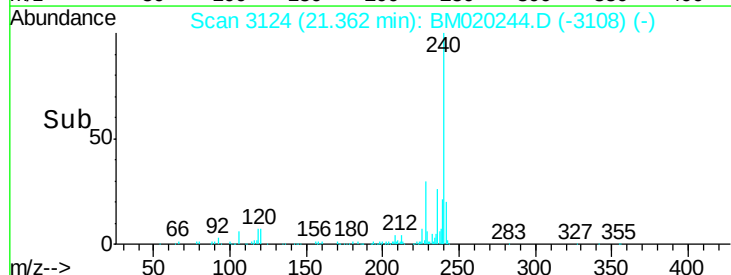
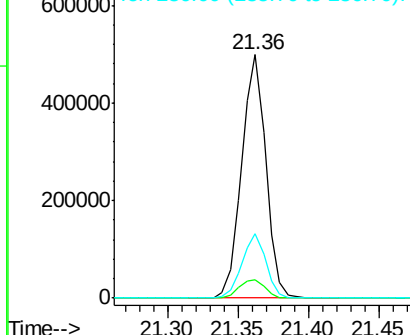
Lab File: BM020244.D

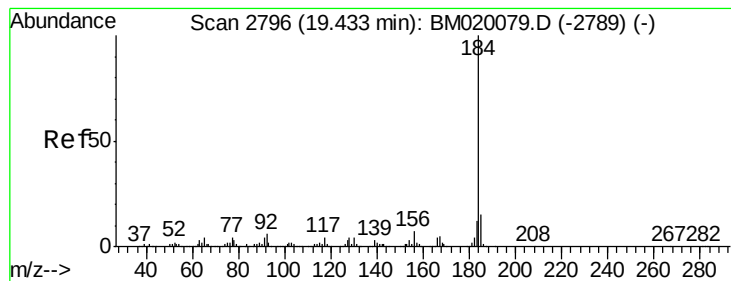
Acq: 10 May 2019 16:28

Tgt Ion:	240	Resp:	598816
Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	26.3	20.9	31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.278 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

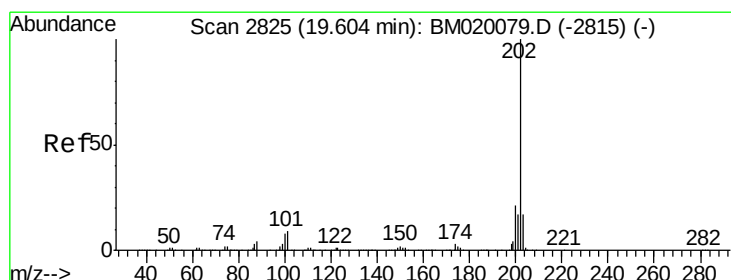
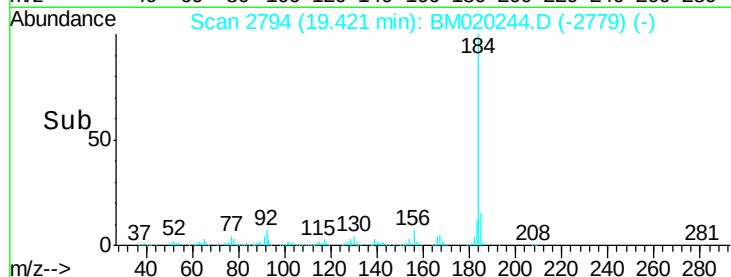
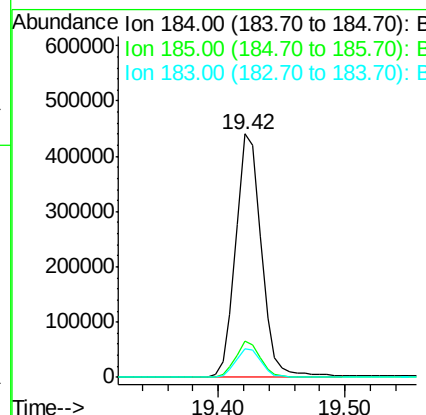
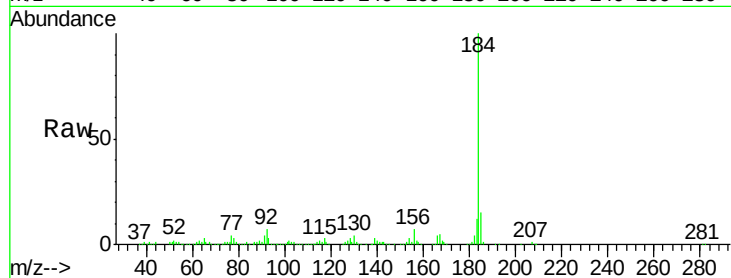
ClientSampleId :

HW-7MSD

Tgt Ion:	184	Resp:	617951
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.0	18.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 44.260 ng

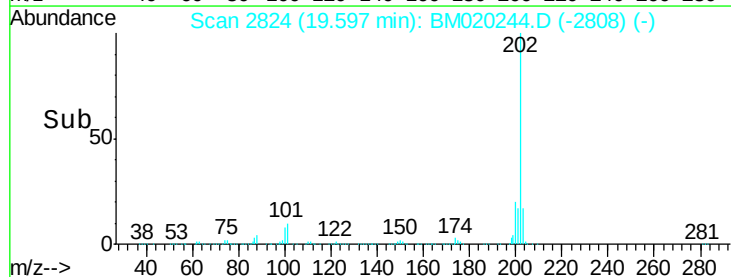
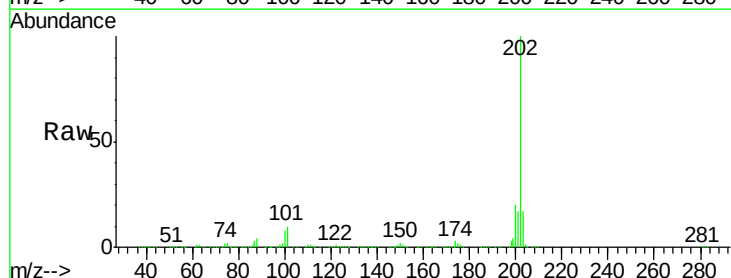
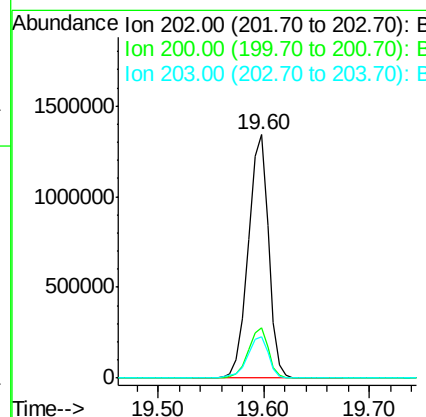
RT: 19.60 min Scan# 2824

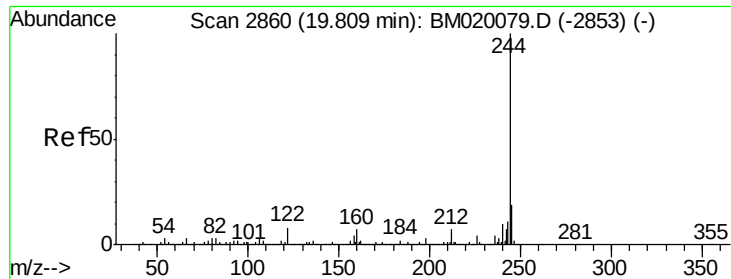
Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Tgt Ion:	202	Resp:	1779405
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.5	24.7
203	17.1	13.9	20.9





#79

Terphenyl-d14

Concen: 90.115 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

Tgt Ion:244 Resp: 3093782

Ion Ratio Lower Upper

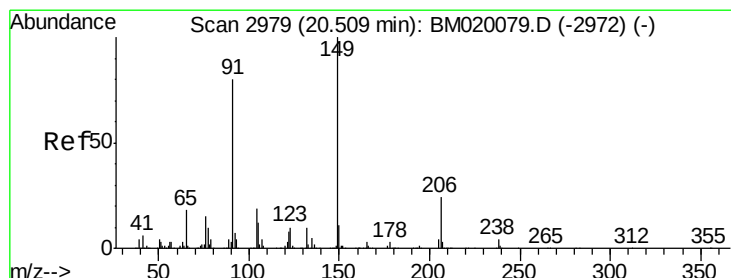
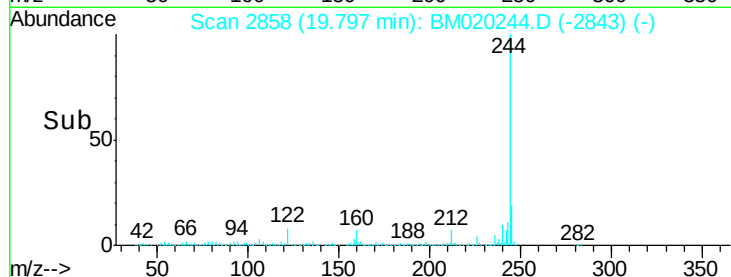
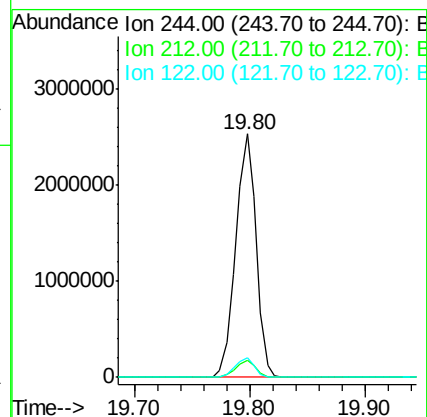
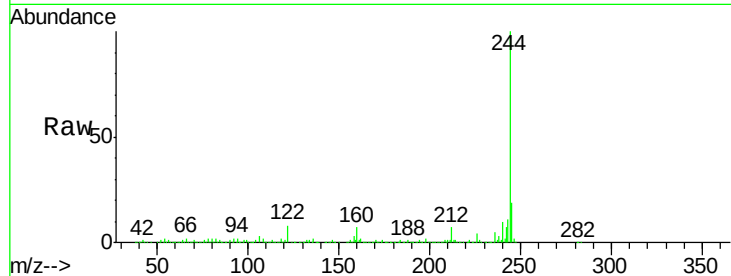
244 100

212 6.9 5.7 8.5

122 7.9 6.2 9.2

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#80

Butylbenzylphthalate

Concen: 49.755 ng

RT: 20.49 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

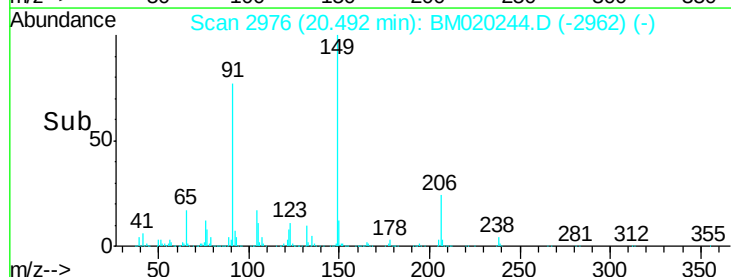
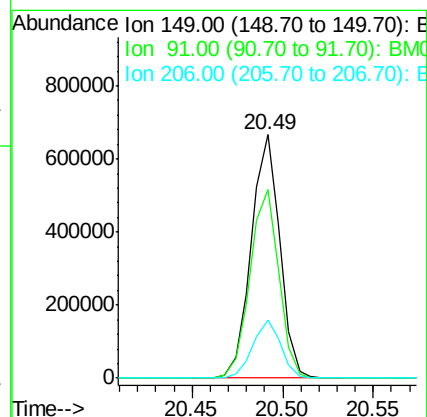
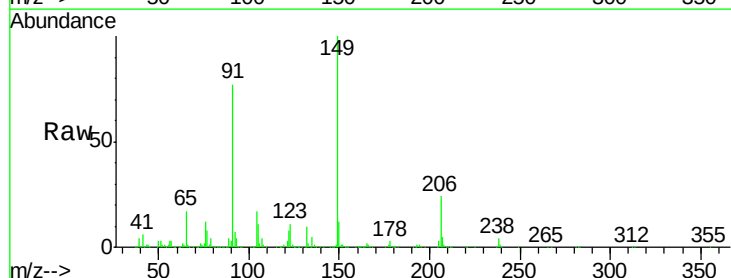
Tgt Ion:149 Resp: 727433

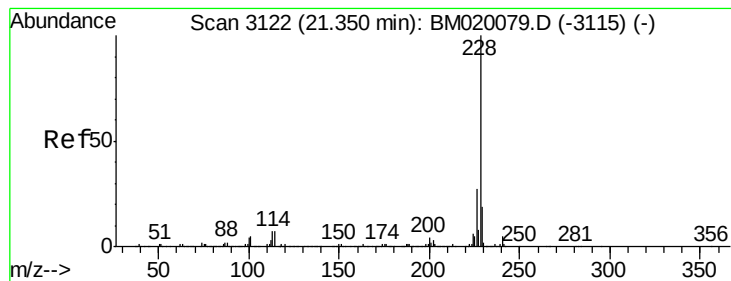
Ion Ratio Lower Upper

149 100

91 77.3 63.8 95.8

206 24.0 18.9 28.3





#81

Benzo(a)anthracene

Concen: 44.555 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

Instrument :

BNA_M

ClientSampleId :

HW-7MSD

Tgt Ion: 228 Resp: 1871094

Ion Ratio Lower Upper

228 100

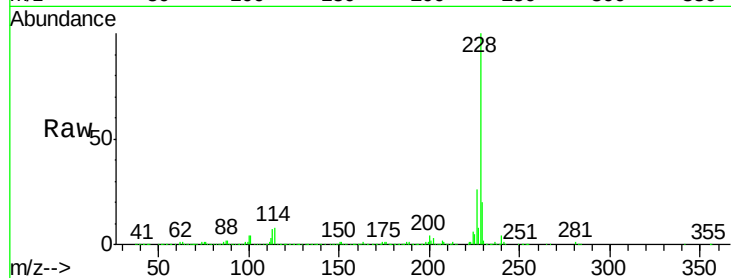
226 26.2 21.3 31.9

229 19.7 15.5 23.3

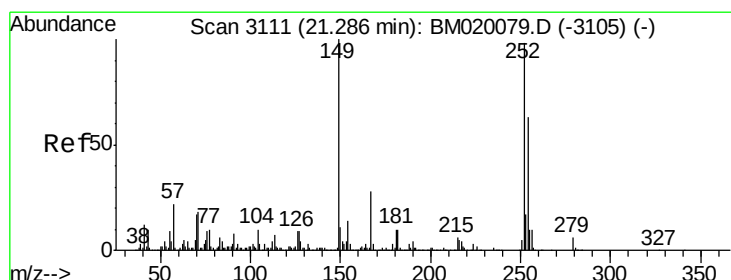
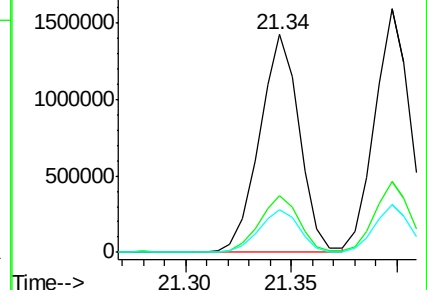
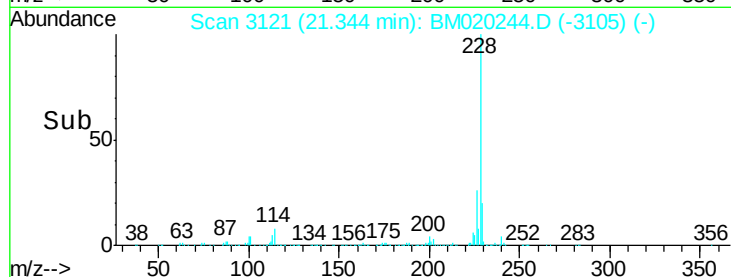
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.959 ng

RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020244.D

Acq: 10 May 2019 16:28

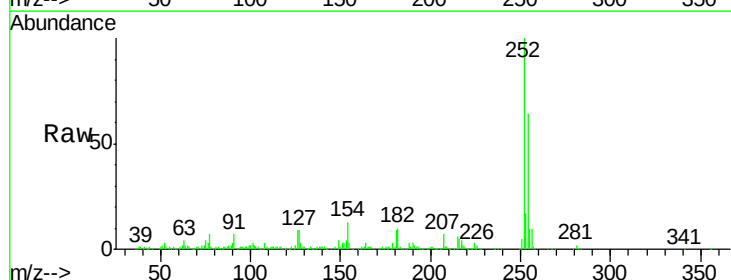
Tgt Ion: 252 Resp: 528262

Ion Ratio Lower Upper

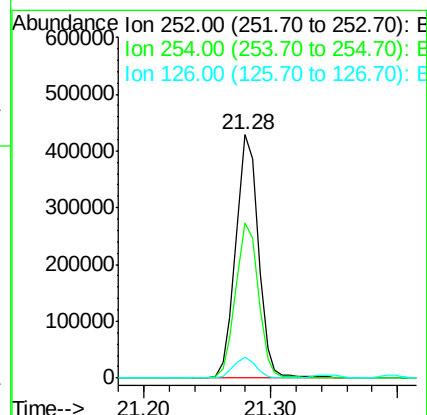
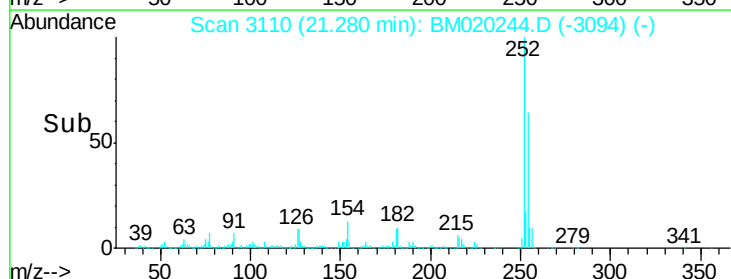
252 100

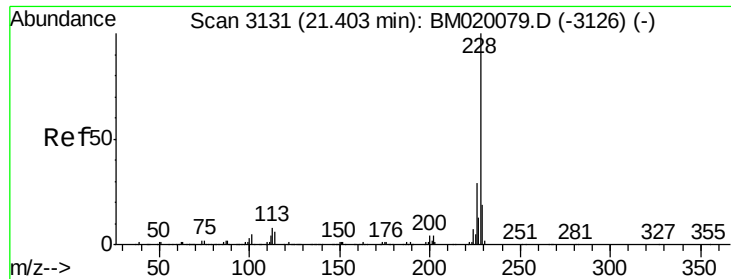
254 64.0 51.1 76.7

126 8.7 7.1 10.7



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





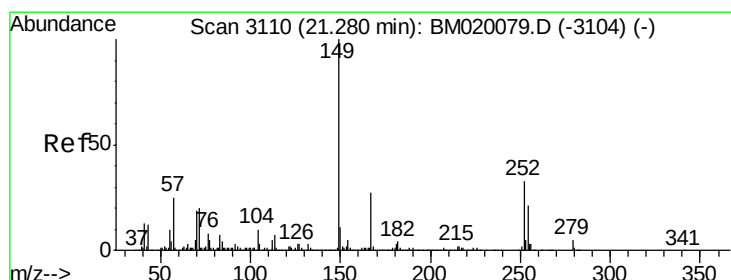
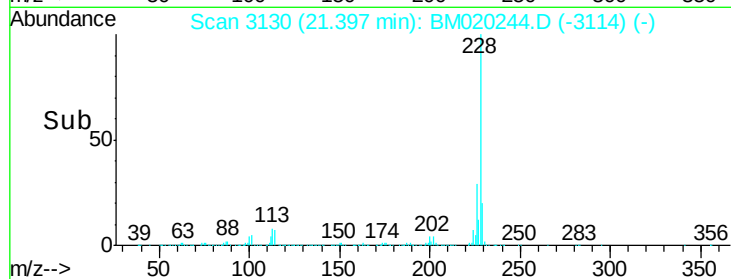
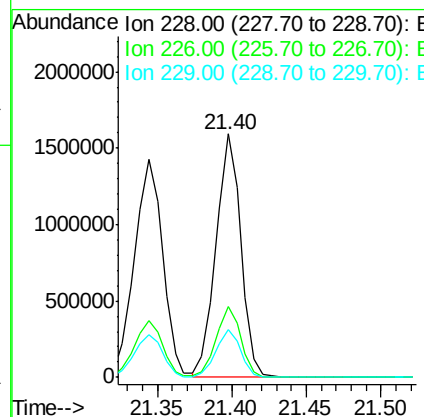
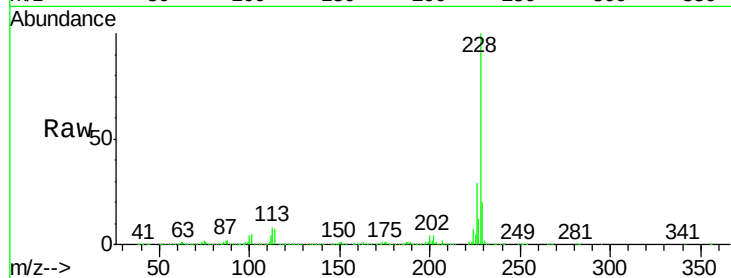
#83
Chrysene
 Concen: 45.450 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Instrument :
 BNA_M
 ClientSampleId :
 HW-7MSD

Tgt Ion: 228 Resp: 1851069
 Ion Ratio Lower Upper
 228 100
 226 29.0 23.0 34.6
 229 19.7 15.5 23.3

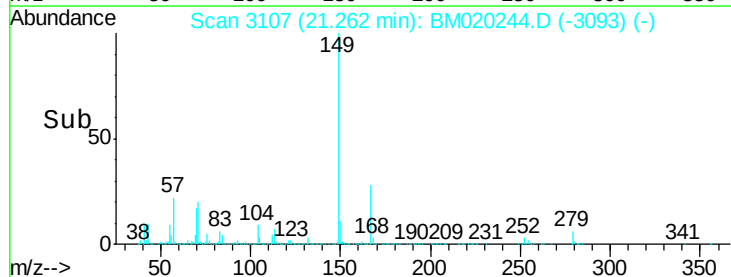
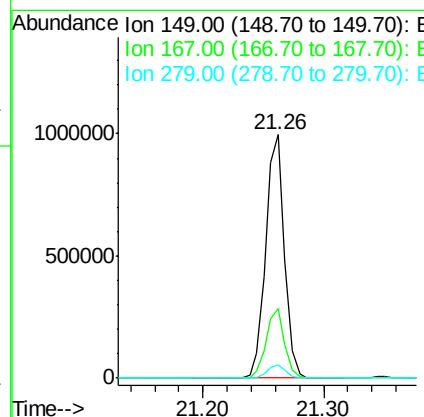
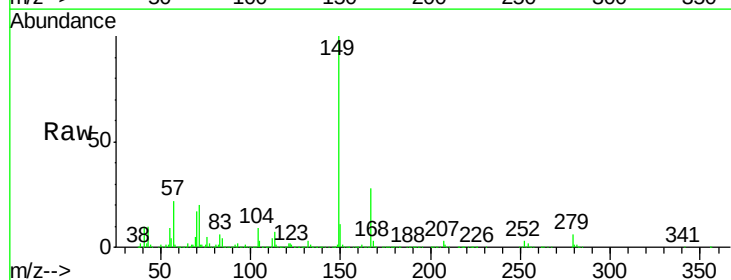
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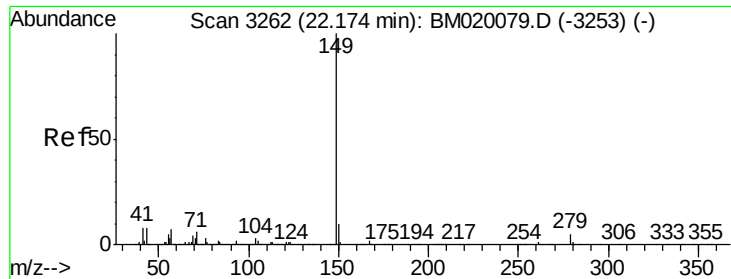
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 47.050 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BM020244.D
 Acq: 10 May 2019 16:28

Tgt Ion: 149 Resp: 1067403
 Ion Ratio Lower Upper
 149 100
 167 28.3 21.8 32.8
 279 5.5 4.2 6.2





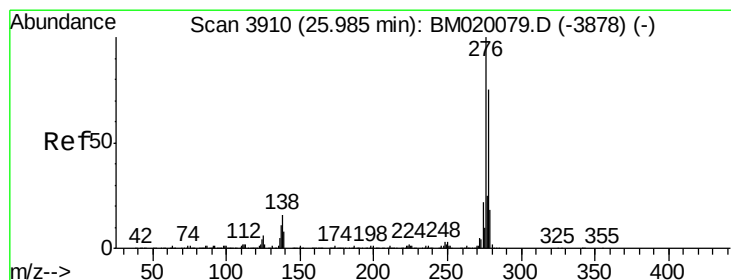
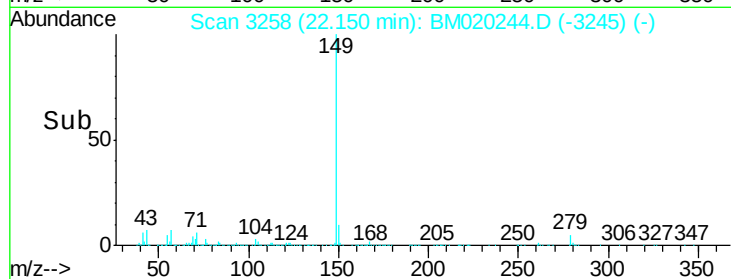
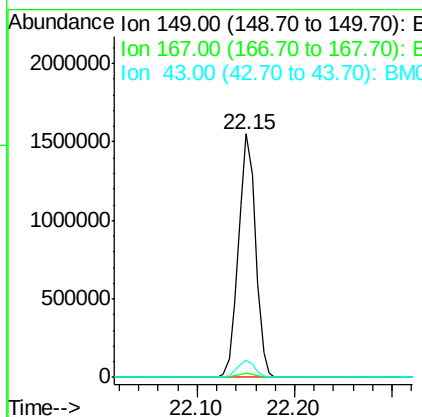
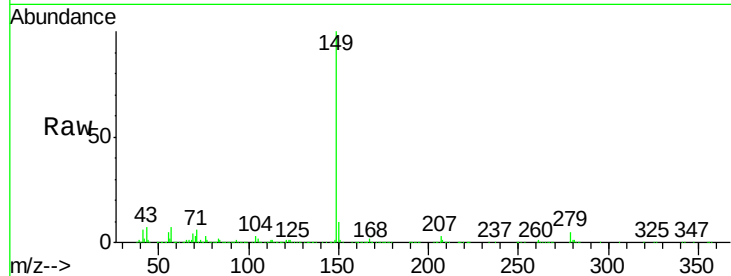
#85
Di-n-octyl phthalate
Concen: 49.983 ng
RT: 22.15 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

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

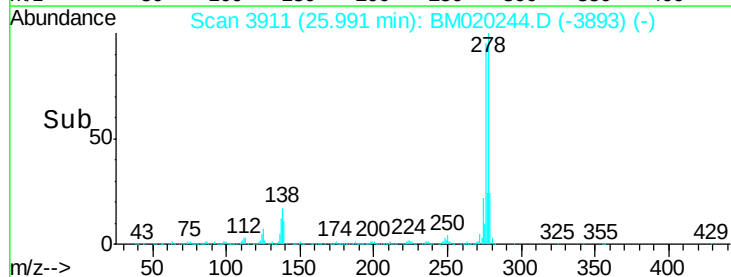
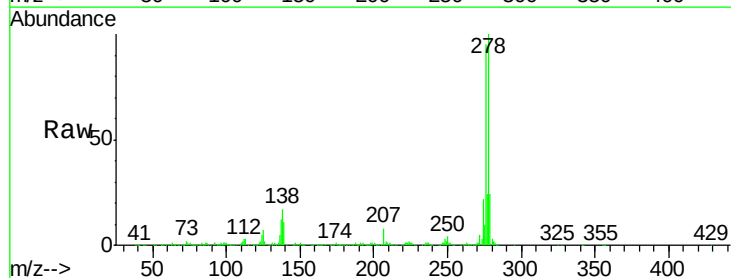
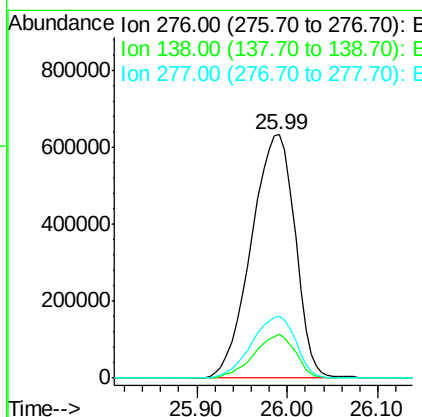
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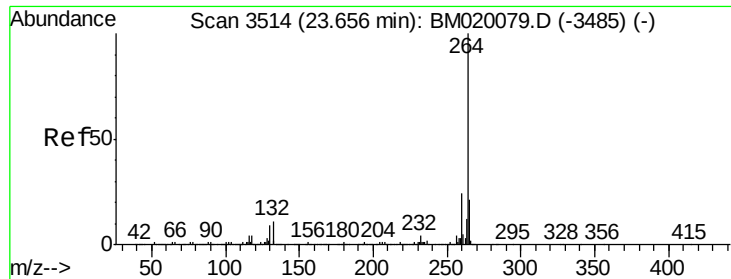
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.929 ng
RT: 25.99 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	0.0	0.0#
277	25.5	0.0	0.0#





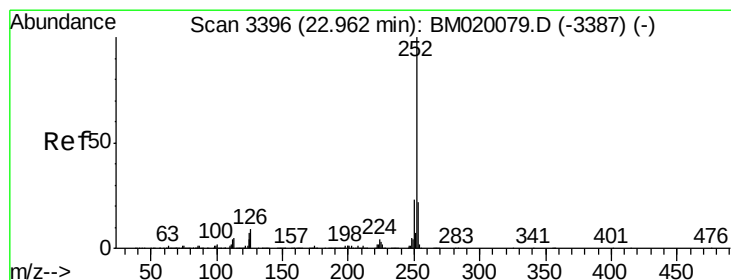
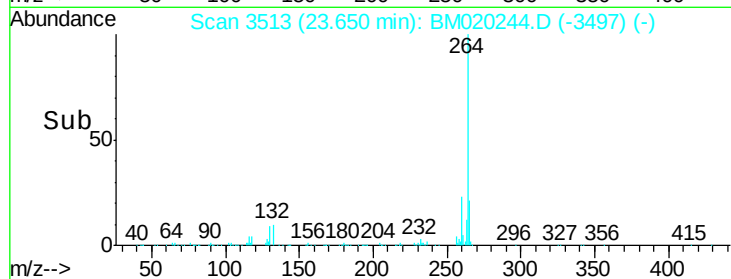
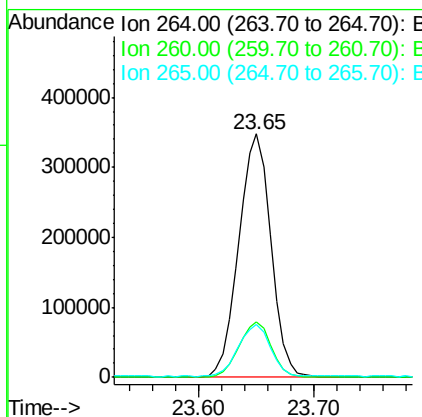
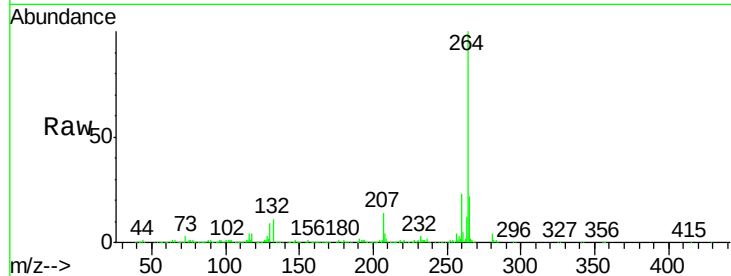
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.6	16.9	25.3

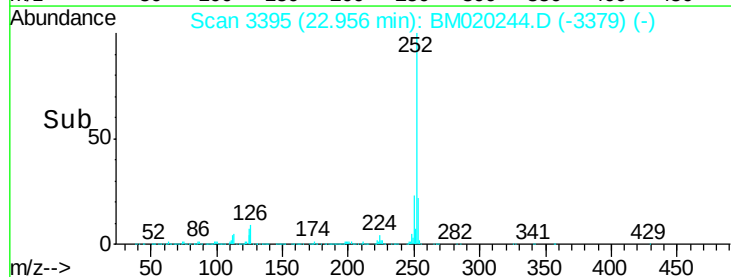
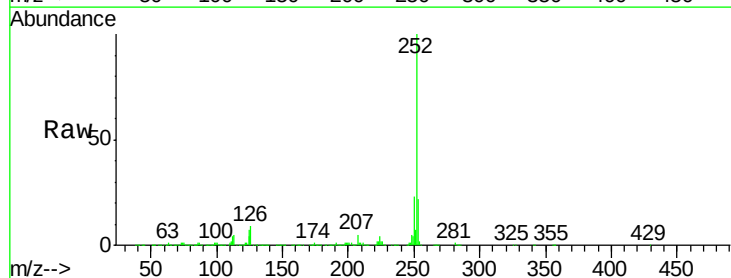
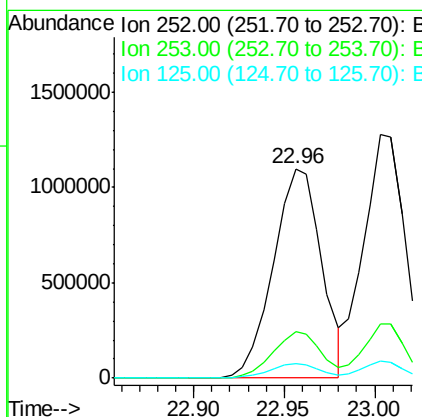
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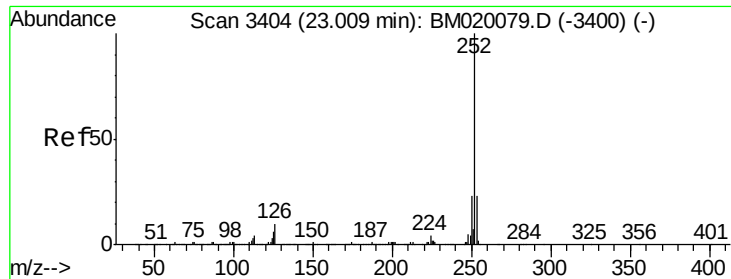
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.985 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	6.8	5.4	8.2





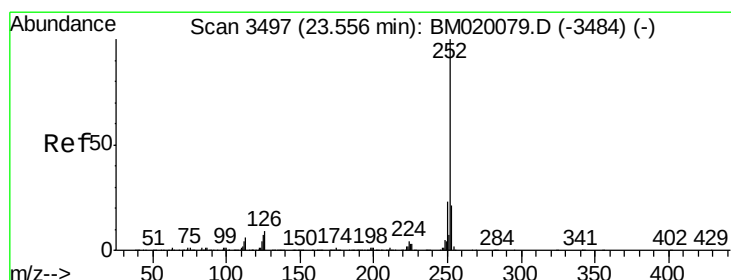
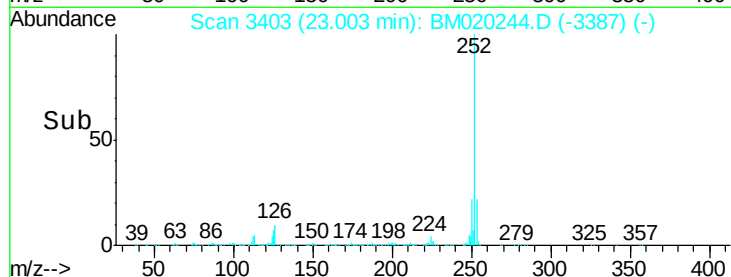
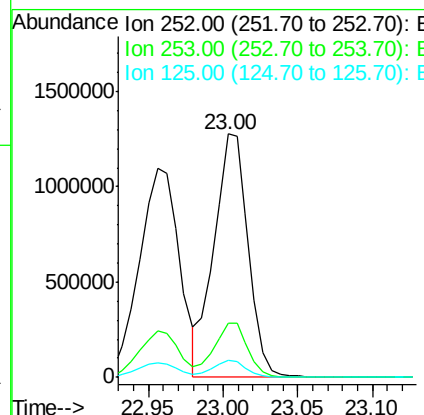
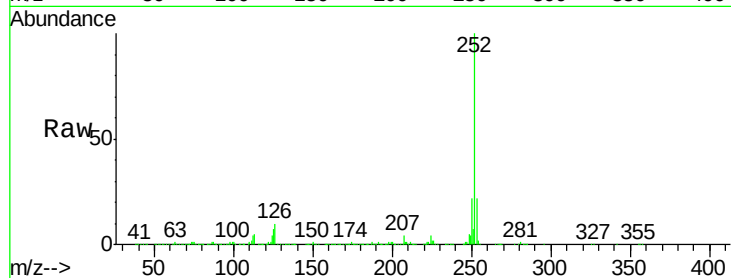
#89
Benzo(k)fluoranthene
Concen: 49.886 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion: 252 Resp: 2025000
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.1 5.4 8.0

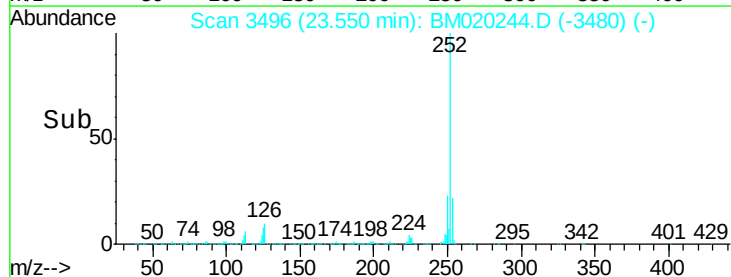
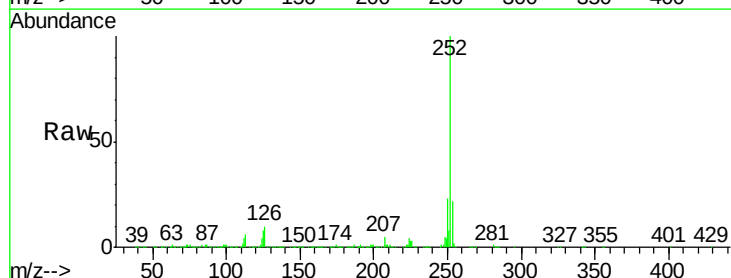
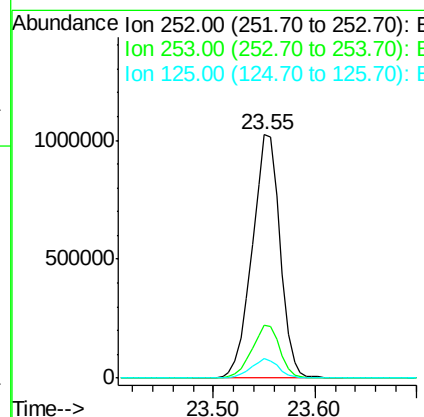
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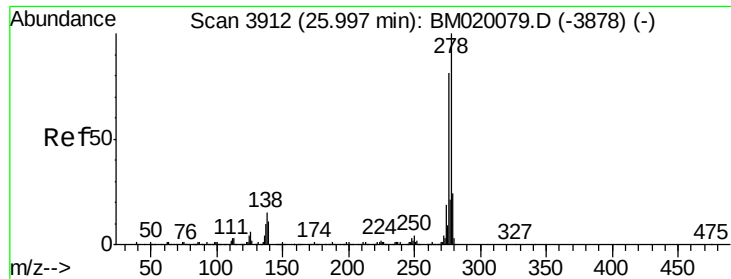
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#90
Benzo(a)pyrene
Concen: 48.182 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion: 252 Resp: 1947525
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 7.8 5.5 8.3





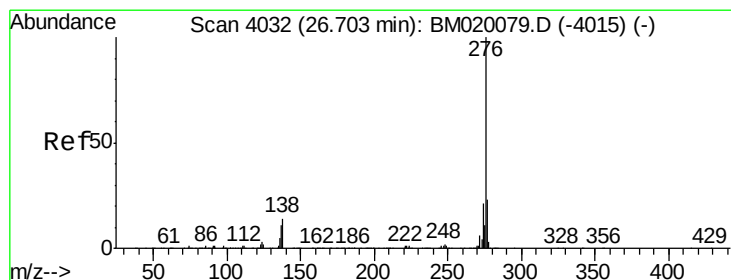
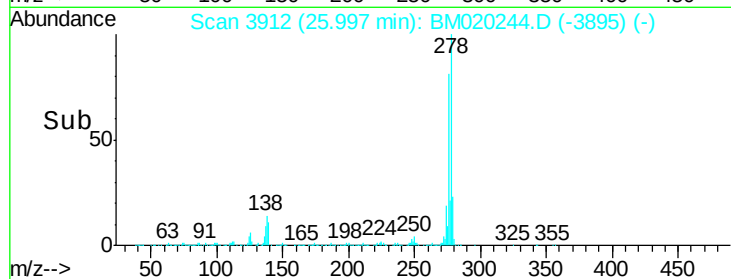
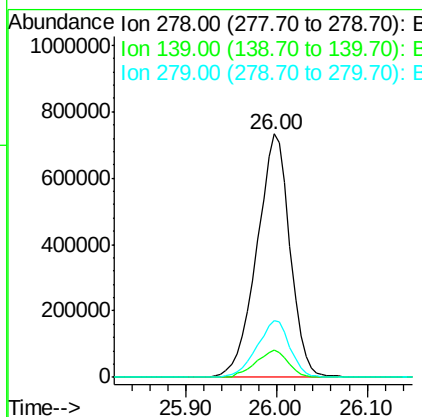
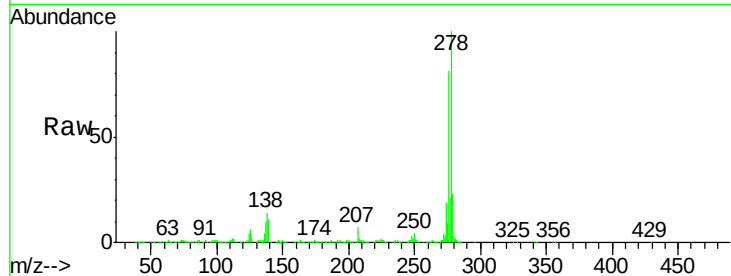
#91
Dibenzo(a,h)anthracene
Concen: 44.412 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Instrument :
BNA_M
ClientSampleId :
HW-7MSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	8.6	13.0
279	23.3	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 41.897 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.00 min
Lab File: BM020244.D
Acq: 10 May 2019 16:28

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.4	27.6
138	14.5	11.1	16.7

