

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020520.D
 Acq On : 23 May 2019 17:44
 Operator : JU/SJ
 Sample : PB119565BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Manual Integrations
 APPROVED

Sohil
 5/24/2019 5:01:38 PM

Quant Time: May 24 03:12:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	53675	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	188280	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	115677	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	286074	20.00	ng	0.00
76) Chrysene-d12	21.28	240	307511	20.00	ng	0.00
87) Perylene-d12	23.53	264	351888	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	397682	121.11	ng	0.00
7) Phenol-d6	6.85	99	515520	114.92	ng	0.00
23) Nitrobenzene-d5	8.84	82	287490	60.28	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	239375	133.32	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	589751	62.73	ng	0.00
79) Terphenyl-d14	19.72	244	1101845	62.50	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	73283	45.504	ng	# 83
3) Pyridine	3.58	79	150894	36.635	ng	88
4) n-Nitrosodimethylamine	3.50	42	35904	27.184	ng	# 51
6) Aniline	7.01	93	142246	25.190	ng	94
8) 2-Chlorophenol	7.23	128	129931	36.340	ng	94
9) Benzaldehyde	6.83	77	53890	15.872	ng	91
10) Phenol	6.87	94	173773	35.983	ng	85
11) bis(2-Chloroethyl)ether	7.10	93	121253	34.545	ng	94
12) 1,3-Dichlorobenzene	7.56	146	148516	35.701	ng	# 93
13) 1,4-Dichlorobenzene	7.70	146	150311	35.768	ng	97
14) 1,2-Dichlorobenzene	8.02	146	141719	35.397	ng	96
15) Benzyl Alcohol	7.92	79	123126	28.464	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	79462	27.302	ng	91
17) 2-Methylphenol	8.12	107	105134	33.818	ng	95
18) Hexachloroethane	8.73	117	56578	32.289	ng	# 87
19) n-Nitroso-di-n-propylamine	8.48	70	108539	28.280	ng	94
20) 3+4-Methylphenols	8.45	107	139710	33.814	ng	96
22) Acetophenone	8.50	105	189415	36.810	ng	# 95
24) Nitrobenzene	8.88	77	167536	33.882	ng	95
25) Isophorone	9.40	82	281816	34.267	ng	98
26) 2-Nitrophenol	9.59	139	61362	41.106	ng	91
27) 2,4-Dimethylphenol	9.65	122	105081	42.282	ng	93
28) bis(2-Chloroethoxy)methane	9.89	93	151836	33.899	ng	98
29) 2,4-Dichlorophenol	10.12	162	122868	39.207	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	150325	38.984	ng	98
31) Naphthalene	10.51	128	352226	36.050	ng	99
32) Benzoic acid	9.79	122	65192m	38.401	ng	
33) 4-Chloroaniline	10.64	127	77046	19.159	ng	96
34) Hexachlorobutadiene	10.77	225	105770	38.775	ng	96
35) Caprolactam	11.45	113	29300	31.268	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	122387	33.233	ng	92
37) 2-Methylnaphthalene	12.13	142	254918	35.788	ng	97
38) 1-Methylnaphthalene	12.35	142	243068	34.897	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	183860	40.625	ng	# 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	172161	64.606	nq	97
43) 2,4,6-Trichlorophenol	12.75	196	108718	42.268	nq	97
44) 2,4,5-Trichlorophenol	12.83	196	117294	40.821	nq	96
46) 1,1'-Biphenyl	13.16	154	339079	35.613	nq	97
47) 2-Chloronaphthalene	13.20	162	277697	36.529	nq	97
48) 2-Nitroaniline	13.43	65	73716	27.237	nq	88
49) Acenaphthylene	14.05	152	415249	34.131	nq	99
50) Dimethylphthalate	13.79	163	341103	34.694	nq	99
51) 2,6-Dinitrotoluene	13.93	165	72976	35.241	nq	90
52) Acenaphthene	14.39	154	242206	34.716	nq	98
53) 3-Nitroaniline	14.26	138	38252	19.903	nq	97
54) 2,4-Dinitrophenol	14.48	184	80520	77.880	nq	# 85
55) Dibenzofuran	14.73	168	427571	36.333	nq	96
56) 4-Nitrophenol	14.57	139	103137	62.897	nq	95
57) 2,4-Dinitrotoluene	14.72	165	101765	36.167	nq	97
58) Fluorene	15.38	166	336785	34.846	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	115292	42.223	nq	# 91
60) Diethylphthalate	15.16	149	326846	32.997	nq	98
61) 4-Chlorophenyl-phenylether	15.37	204	209849	38.320	nq	93
62) 4-Nitroaniline	15.43	138	52527m	24.765	nq	
63) Azobenzene	15.67	77	356308	30.492	nq	97
65) 4,6-Dinitro-2-methylphenol	15.49	198	53654	38.787	nq	91
66) n-Nitrosodiphenylamine	15.60	169	296169	35.183	nq	100
67) 4-Bromophenyl-phenylether	16.27	248	133524	38.063	nq	# 91
68) Hexachlorobenzene	16.38	284	157235	38.950	nq	# 93
69) Atrazine	16.55	200	109190	33.192	nq	98
70) Pentachlorophenol	16.73	266	178633	77.340	nq	98
71) Phenanthrene	17.13	178	558649	35.377	nq	100
72) Anthracene	17.22	178	558407	35.367	nq	99
73) Carbazole	17.50	167	470379	33.018	nq	99
74) Di-n-butylphthalate	18.04	149	524756	30.607	nq	98
75) Fluoranthene	19.15	202	717169	35.894	nq	99
77) Benzidine	19.35	184	214975	21.866	nq	98
78) Pyrene	19.52	202	730302	35.373	nq	99
80) Butylbenzylphthalate	20.41	149	234083	31.178	nq	99
81) Benzo(a)anthracene	21.26	228	729523	33.828	nq	98
82) 3,3'-Dichlorobenzidine	21.20	252	199301	24.214	nq	# 97
83) Chrysene	21.31	228	729719	34.890	nq	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	353096	30.308	nq	98
85) Di-n-octyl phthalate	22.06	149	628992	32.483	nq	# 96
86) Indeno(1,2,3-cd)pyrene	25.81	276	995058	39.998	nq	# 100
88) Benzo(b)fluoranthene	22.85	252	831725m	35.793	nq	
89) Benzo(k)fluoranthene	22.89	252	760597m	35.883	nq	
90) Benzo(a)pyrene	23.43	252	780109	36.960	nq	98
91) Dibenzo(a,h)anthracene	25.81	278	844766	38.486	nq	97
92) Benzo(g,h,i)perylene	26.50	276	838096	40.217	nq	97

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

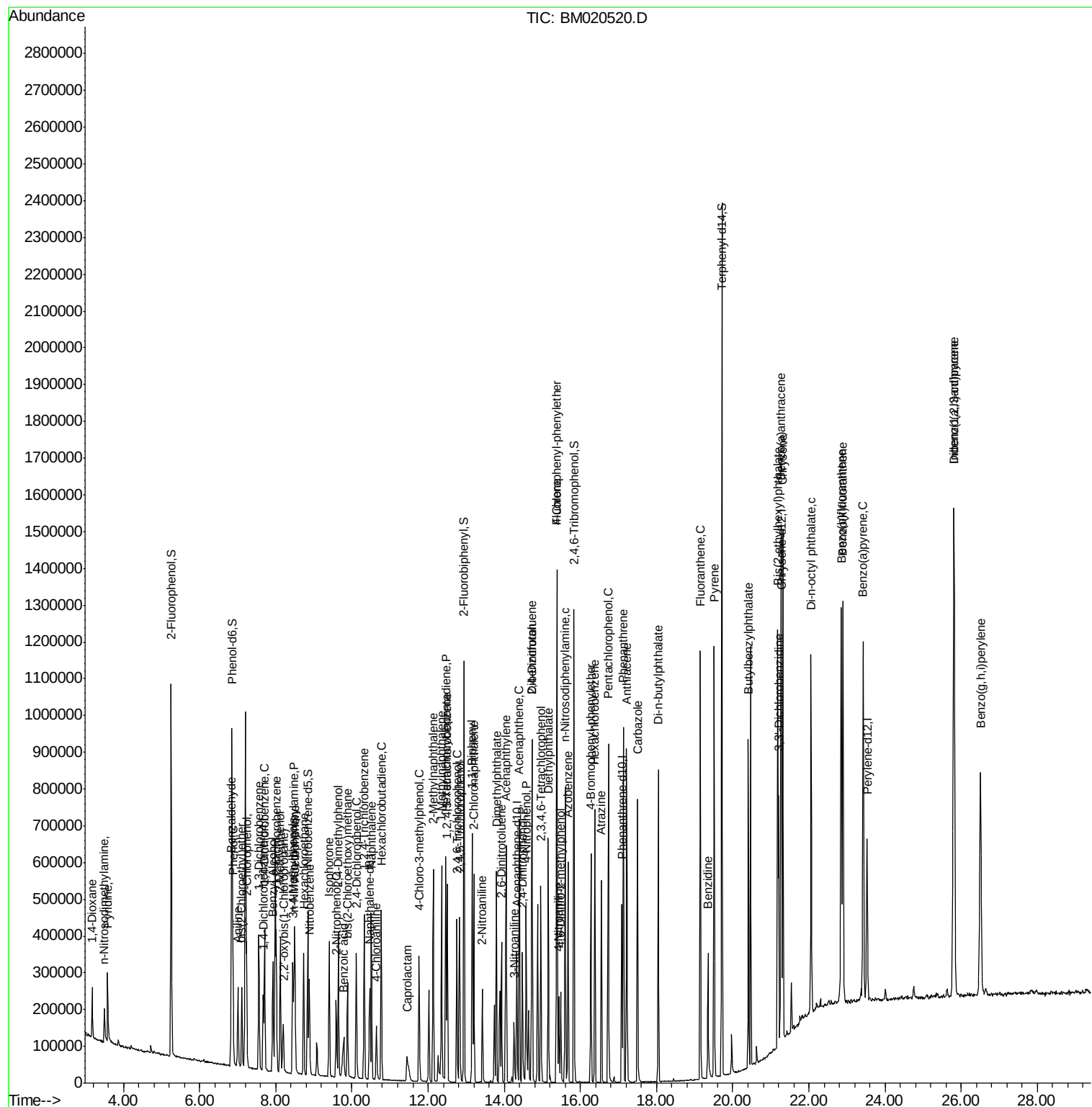
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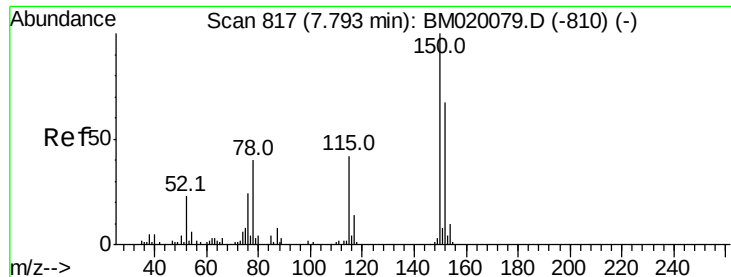
Instrument :
 BNA_M
 Client Sampled :
 PB119565BS

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#1

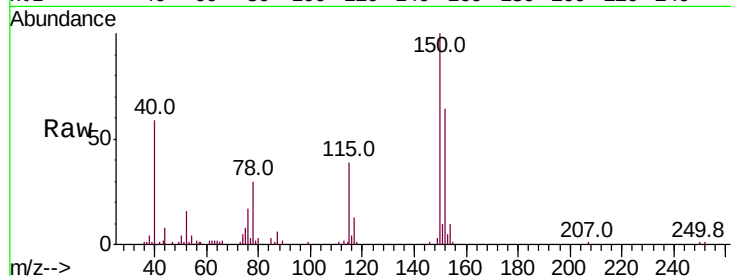
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	119.8	179.8
115	60.9	50.8	76.2

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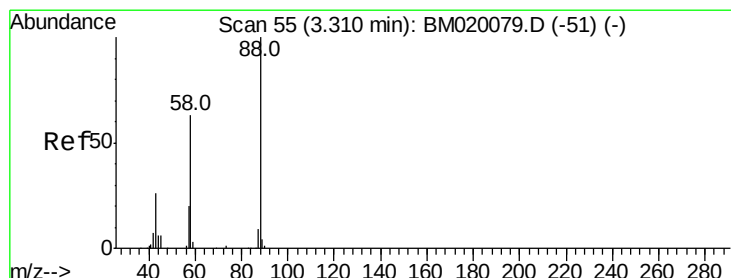
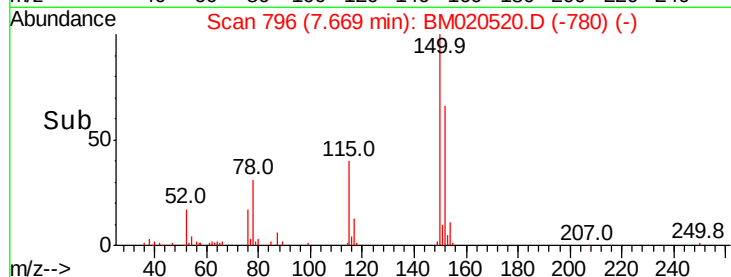
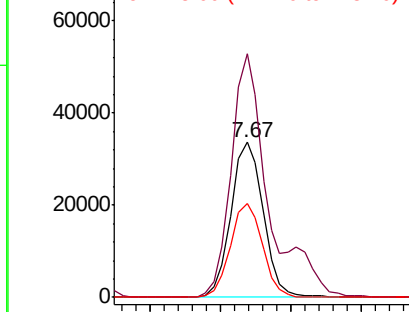


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

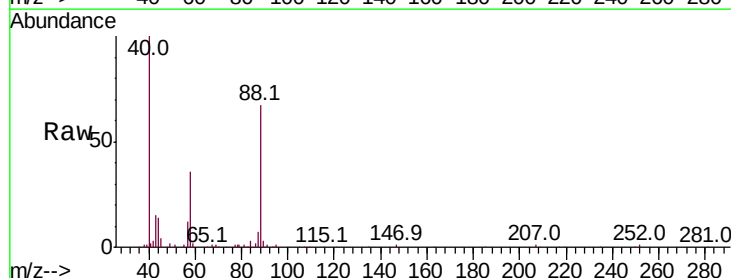
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.504 ng
RT: 3.17 min Scan# 32
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.8	51.8	77.6#
43	18.5	20.3	30.5#

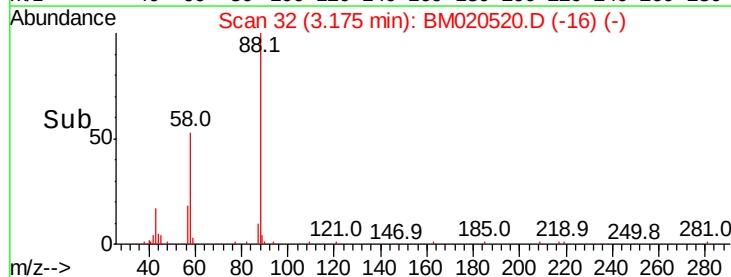
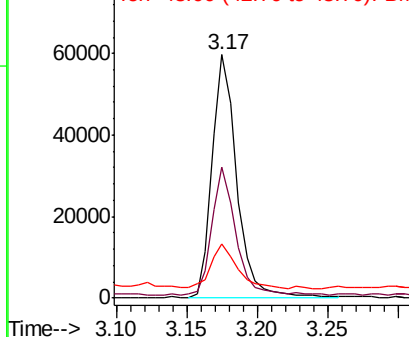


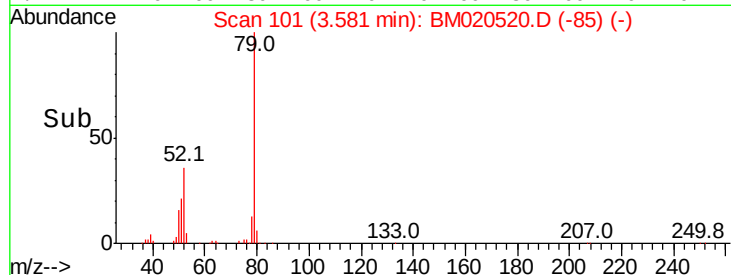
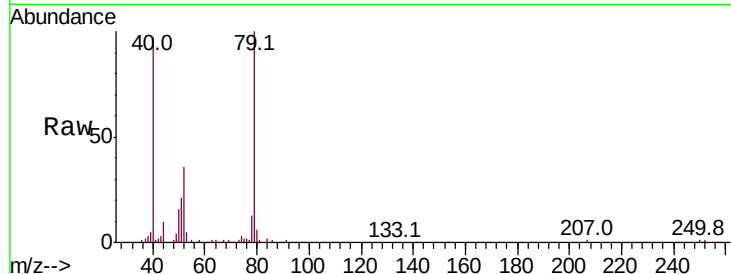
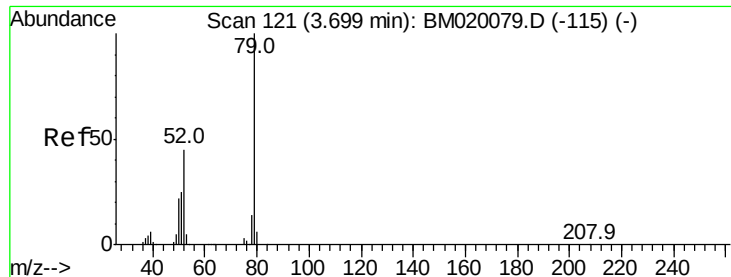
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





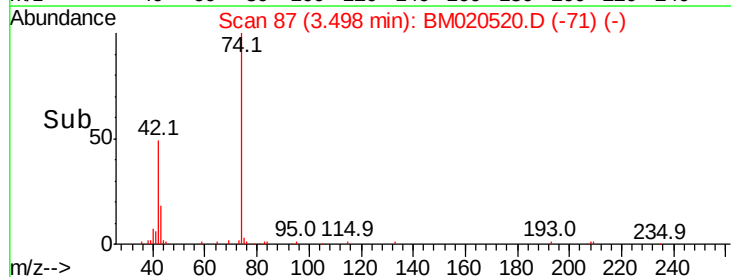
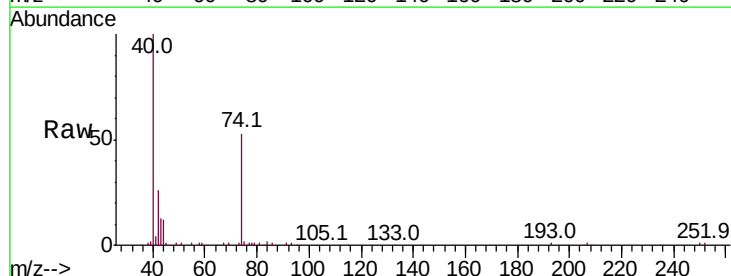
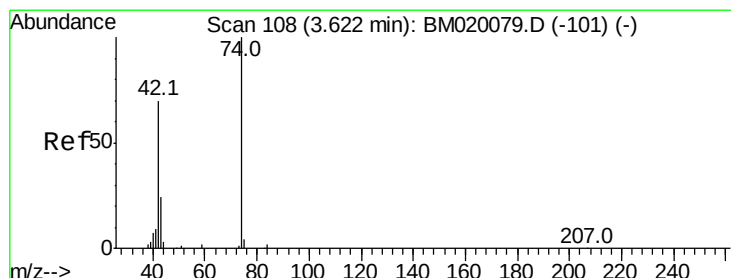
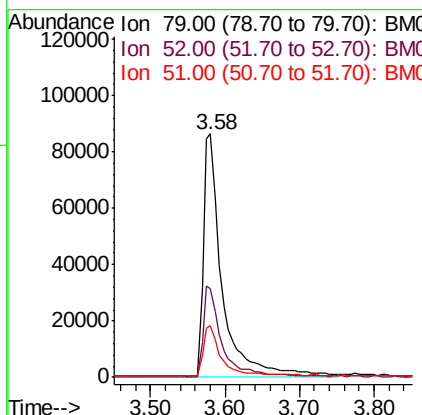
#3
 Pvridine
 Concen: 36.635 ng
 RT: 3.58 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tot Ion:	79	Resp:	150894
Ion Ratio	Lower	Upper	
79	100		
52	36.3	35.7	53.5
51	21.1	20.8	31.2

Instrument :
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 PB119565BS

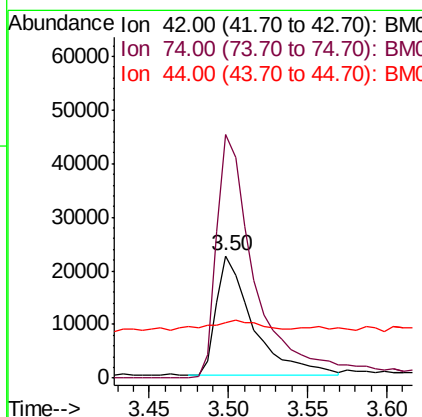
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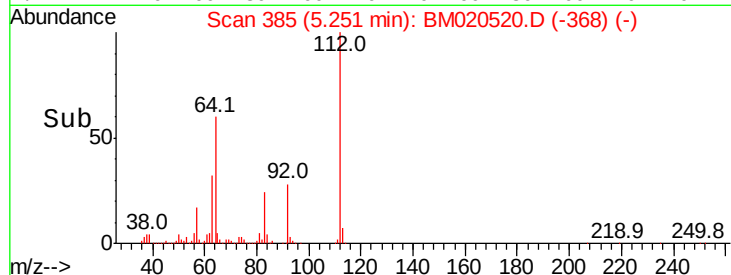
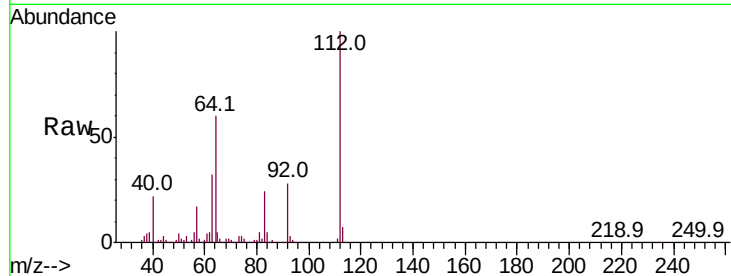
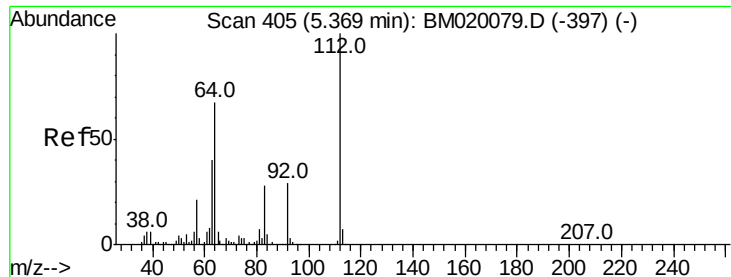
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#4
 n-Nitrosodimethylamine
 Concen: 27.184 ng
 RT: 3.50 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion:	42	Resp:	35904
Ion Ratio	Lower	Upper	
42	100		
74	198.9	113.7	170.5#
44	45.6	3.9	5.9#





#5

2-Fluorophenol

Concen: 121.108 ng

RT: 5.25 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tot Ion	Ratio	Resp	Lower	Upper
112	100	397682		
64	60.0	53.8	80.6	
63	32.4	32.3	48.5	

Instrument :

BNA_M

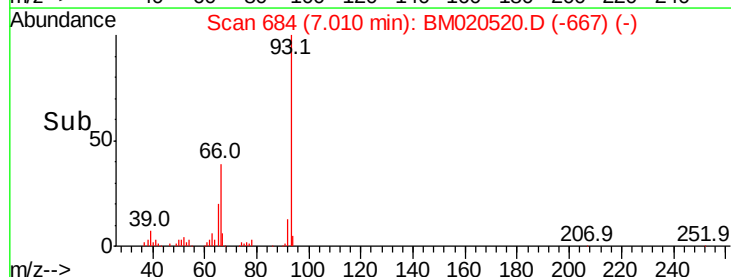
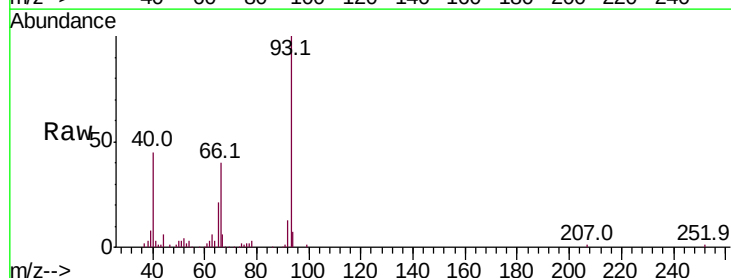
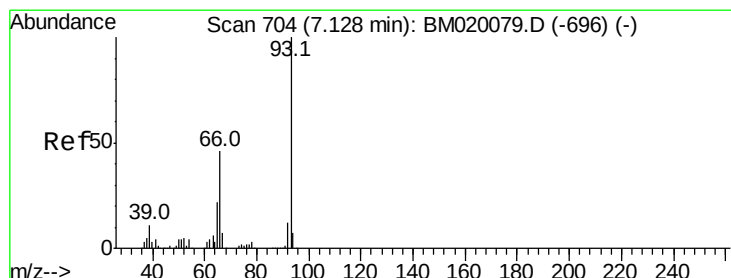
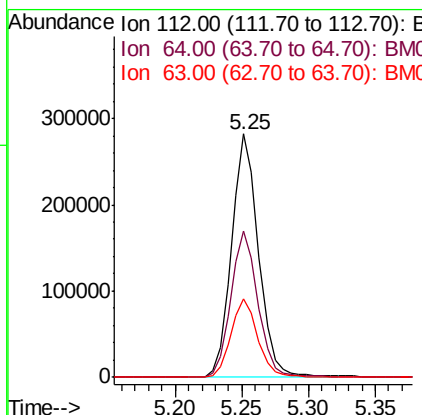
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PB119565BS

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#6

Aniline

Concen: 25.190 ng

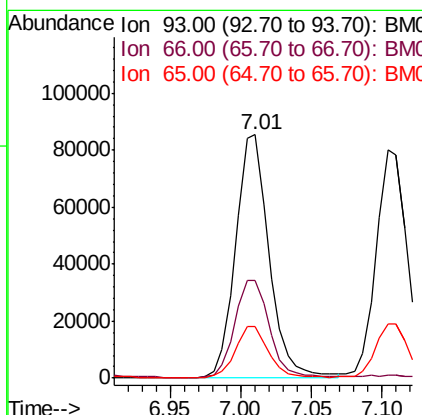
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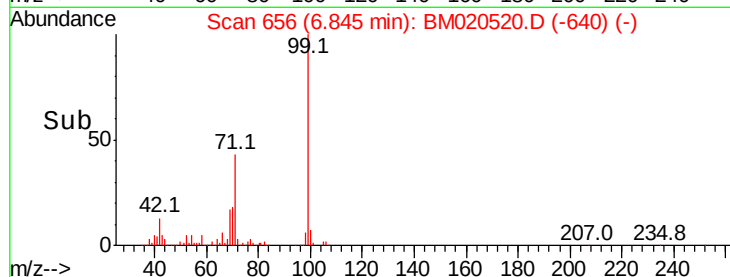
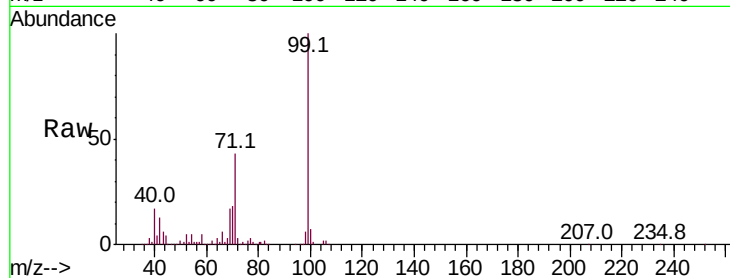
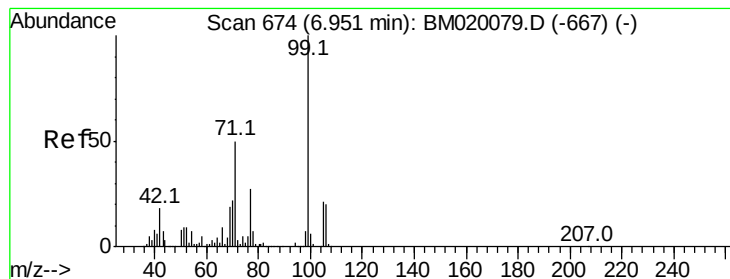
Delta R.T. 0.00 min

Lab File: BM020520.D

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Tgt Ion	Ratio	Resp	Lower	Upper
93	100	142246		
66	40.1	36.6	54.8	
65	21.1	17.8	26.6	





#7

Phenol-d6

Concen: 114.918 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tot Ion	99	Resp	515520
Ion	Ratio	Lower	Upper
99	100		
42	12.8	14.2	21.2#
71	42.9	40.3	60.5

Instrument :

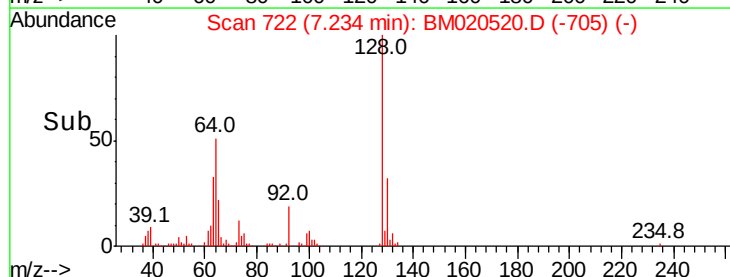
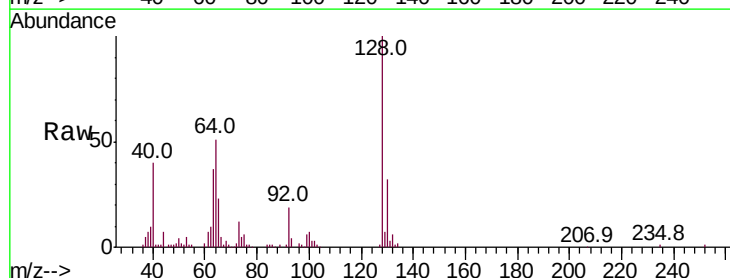
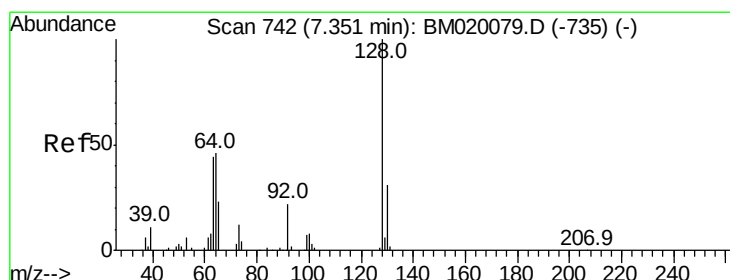
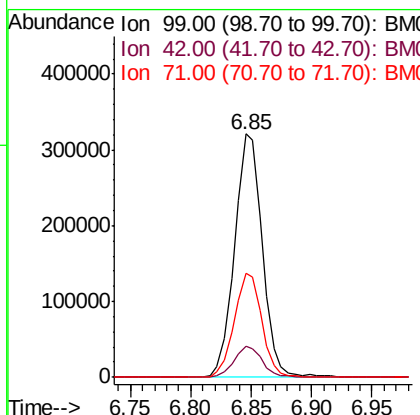
BNA_M

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#8

2-Chlorophenol

Concen: 36.340 ng

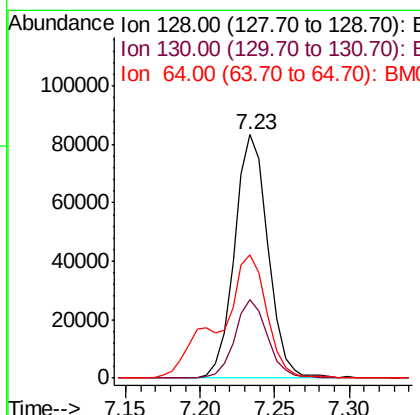
RT: 7.23 min Scan# 722

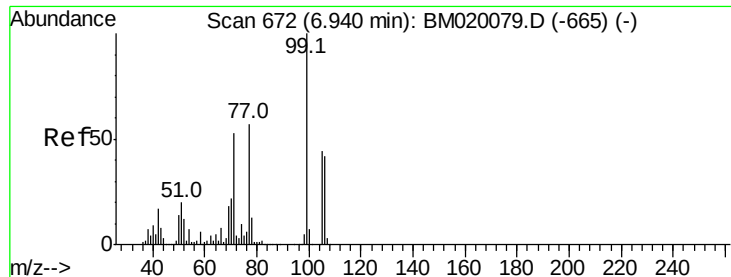
Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion	128	Resp	129931
Ion	Ratio	Lower	Upper
128	100		
130	32.3	10.8	50.8
64	50.5	36.5	76.5





#9

Benzaldehyde

Concen: 15.872 ng

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

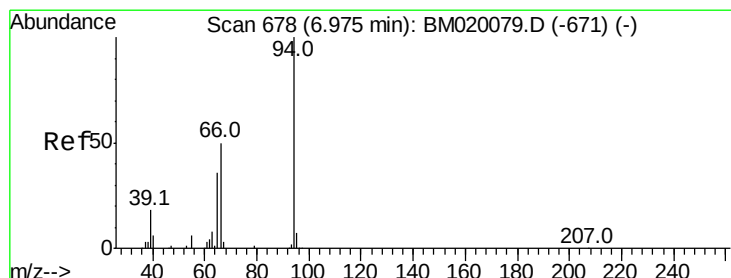
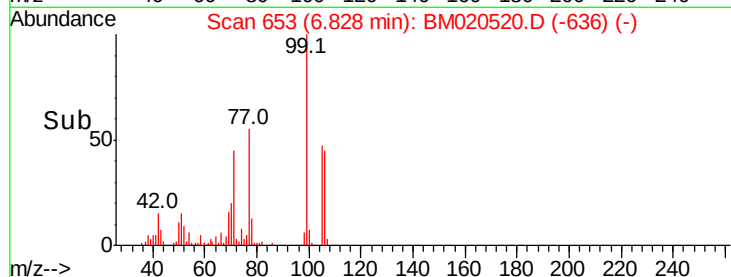
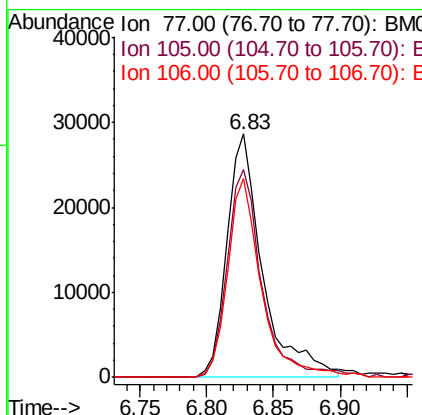
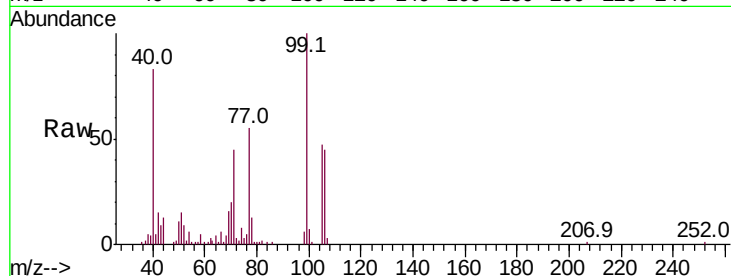
ClientSampleId :

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Tot Ion:	77	Resp:	53890
Ion	Ratio	Lower	Upper
77	100		
105	85.2	57.8	97.8
106	81.5	53.6	93.6

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#10

Phenol

Concen: 35.983 ng

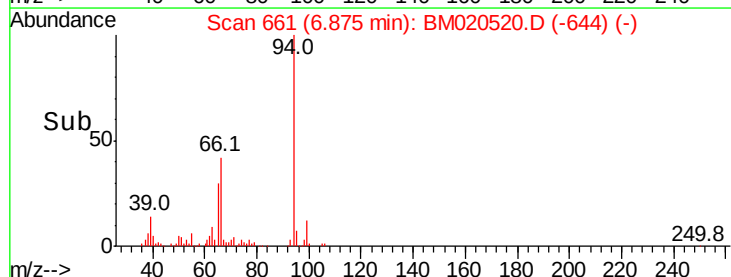
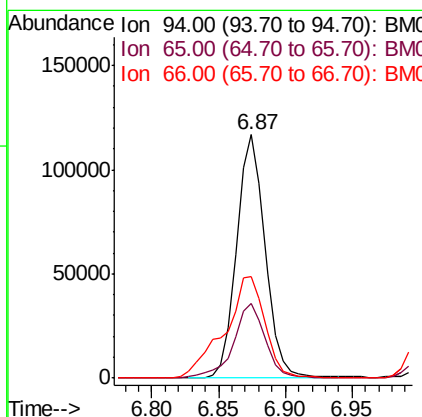
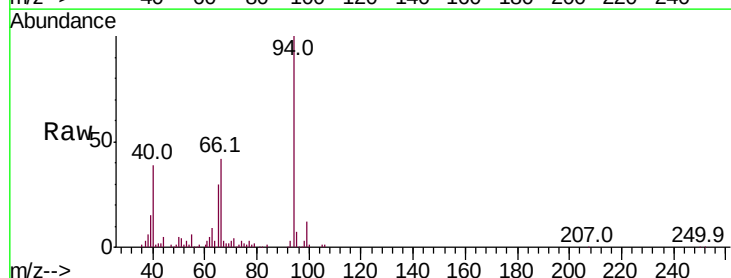
RT: 6.87 min Scan# 661

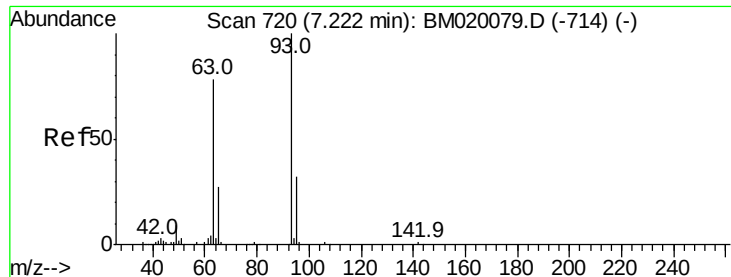
Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:	94	Resp:	173773
Ion	Ratio	Lower	Upper
94	100		
65	30.4	17.0	57.0
66	41.7	34.5	74.5





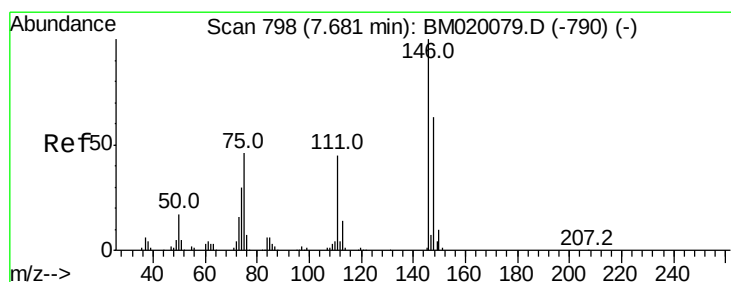
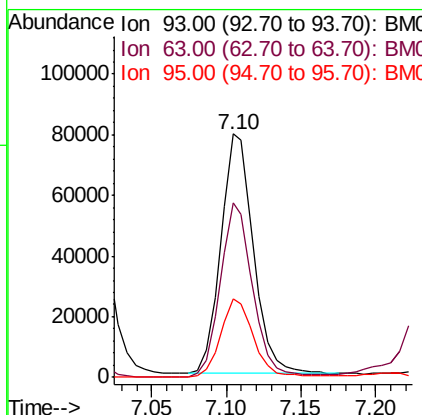
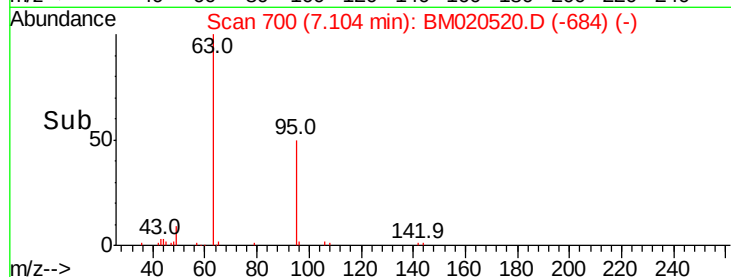
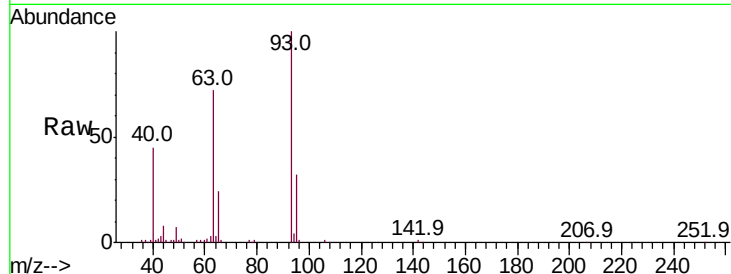
#11
bis(2-Chloroethyl)ether
Concen: 34.545 ng
RT: 7.10 min Scan# 700
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampled :
PB119565BS

Tot Ion	93	Resp	121253
Ion	Ratio	Lower	Upper
93	100		
63	71.5	57.9	97.9
95	32.4	11.3	51.3

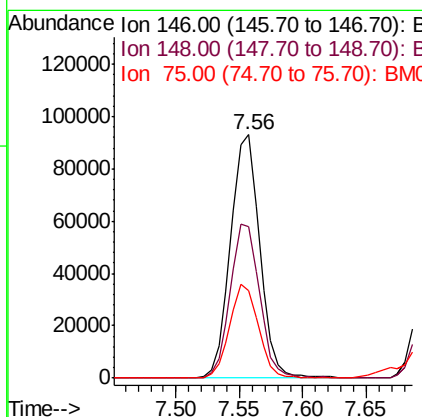
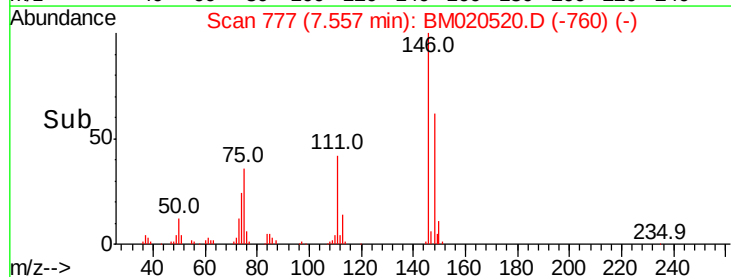
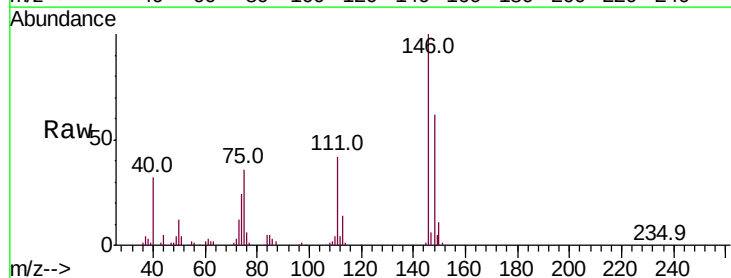
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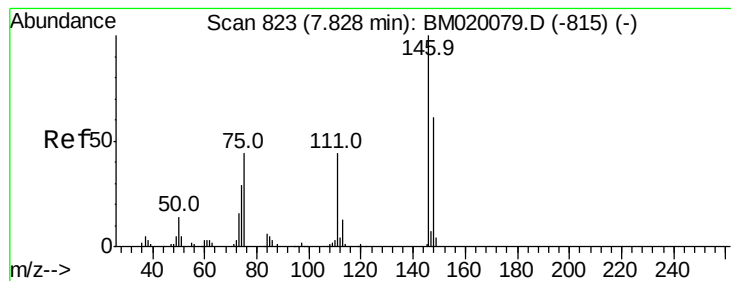
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.701 ng
RT: 7.56 min Scan# 777
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	146	Resp	148516
Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.1	75.1
75	35.8	37.2	55.8#





#13

1,4-Dichlorobenzene

Concen: 35.768 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

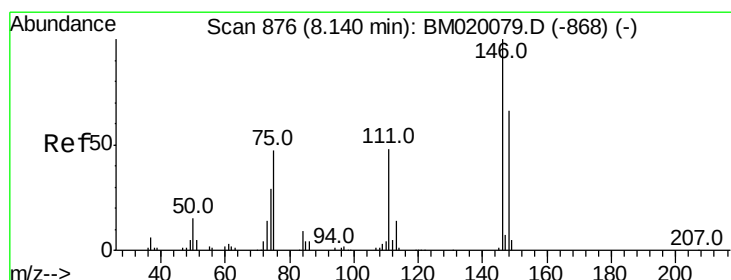
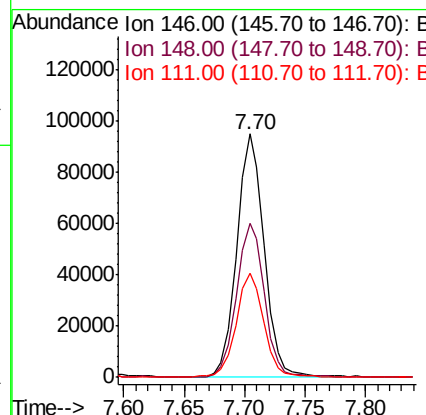
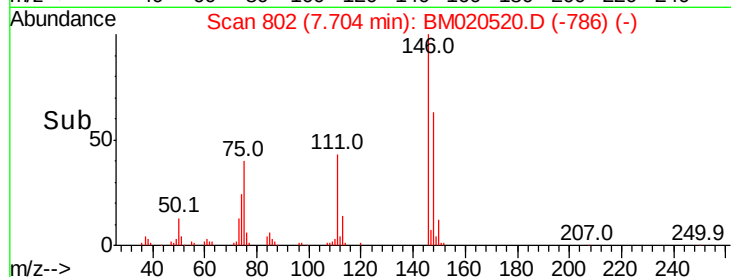
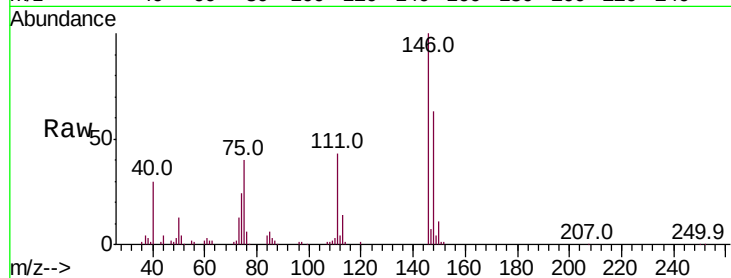
ClientSampleId :

PB119565BS

Tot Ion:	146	Resp:	150311
Ion Ratio	Lower	Upper	
146	100		
148	63.1	48.5	72.7
111	42.9	35.7	53.5

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#14

1,2-Dichlorobenzene

Concen: 35.397 ng

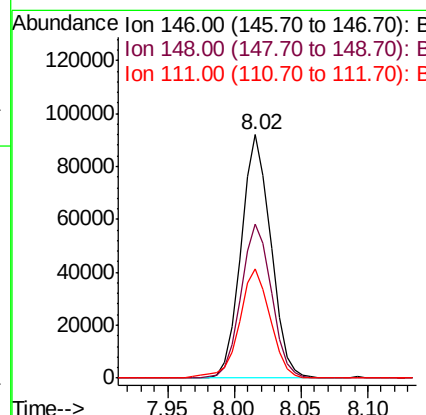
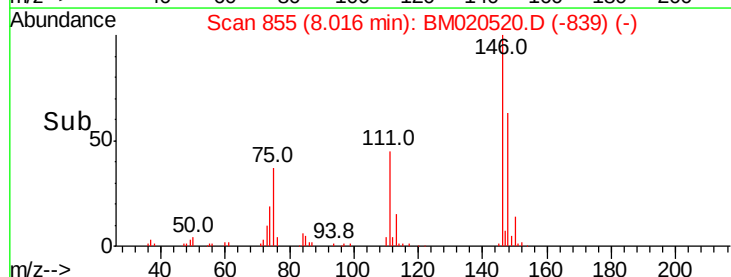
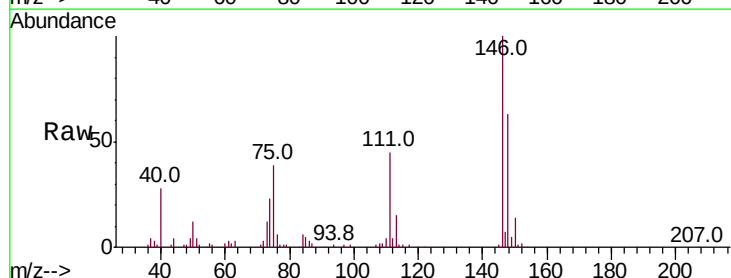
RT: 8.02 min Scan# 855

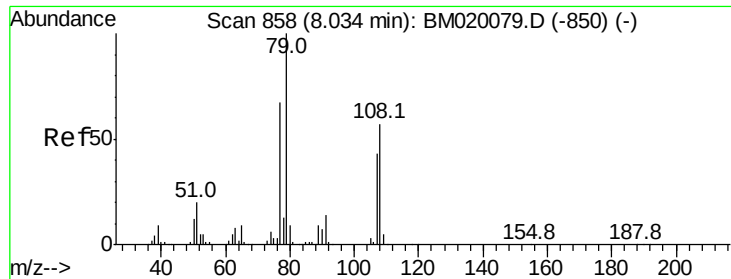
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:	146	Resp:	141719
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.6	79.0
111	44.6	39.0	58.4





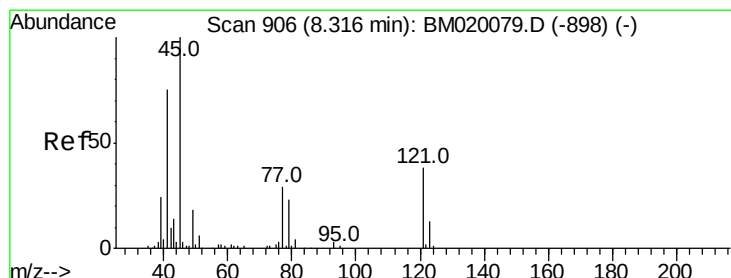
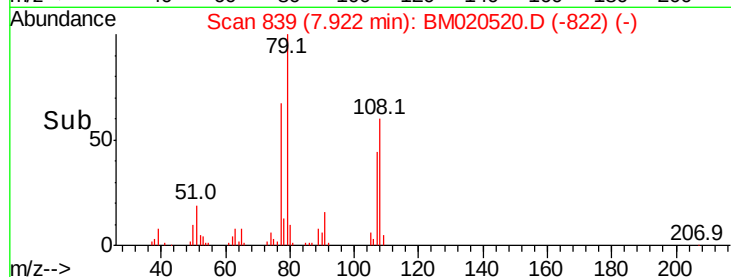
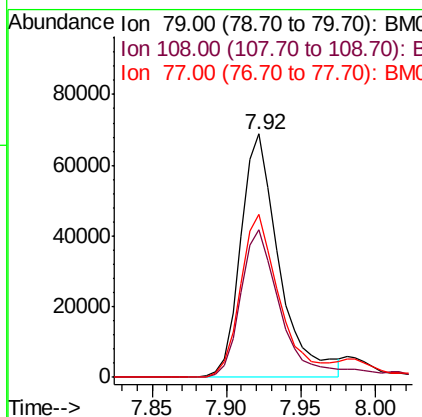
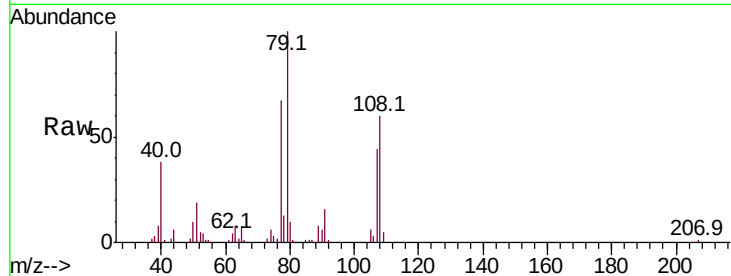
#15
Benzyl Alcohol
Concen: 28.464 ng
RT: 7.92 min Scan# 839
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.4	46.0	69.0
77	67.2	53.8	80.6

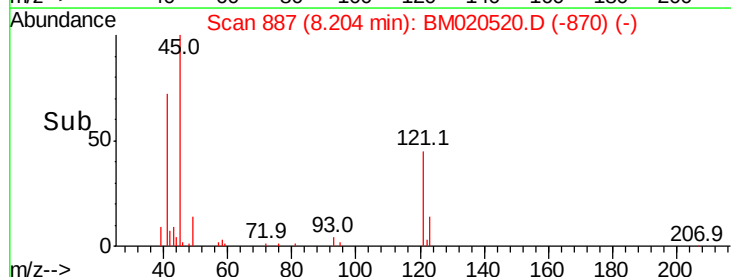
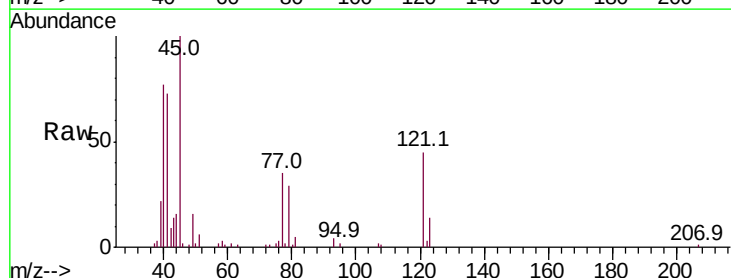
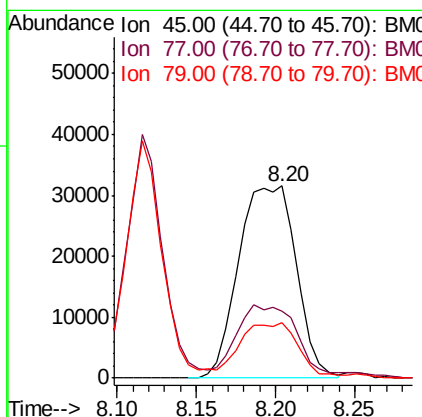
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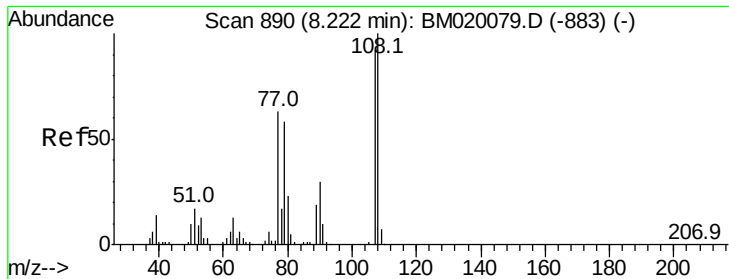
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#16
2,2'-oxybis(1-chloropropane)
Concen: 27.302 ng
RT: 8.20 min Scan# 887
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	34.8	10.5	50.5
79	29.0	3.3	43.3





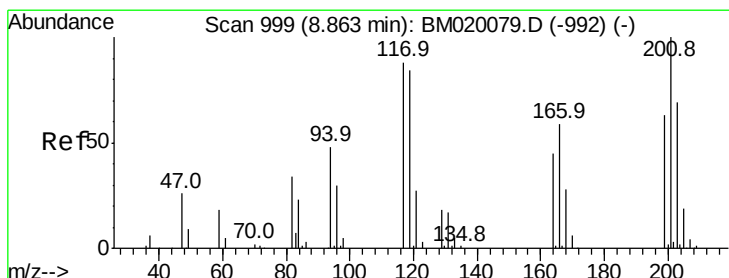
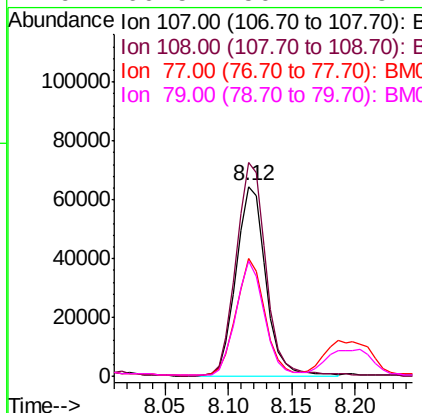
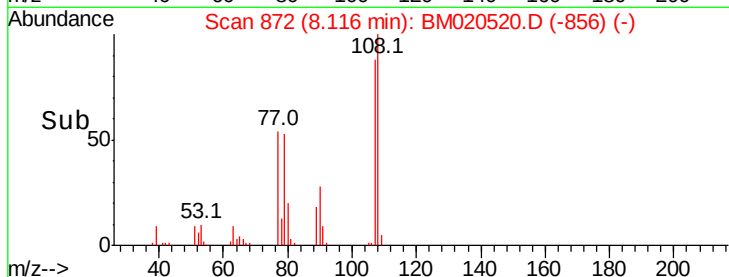
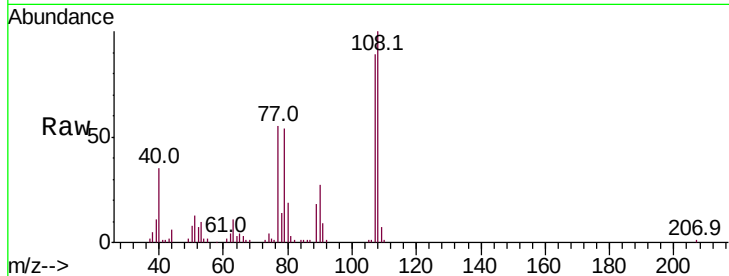
#17
2-Methylphenol
Concen: 33.818 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampled :
PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	87.0	130.4	
77	62.0	54.7	82.1	
79	60.5	50.1	75.1	

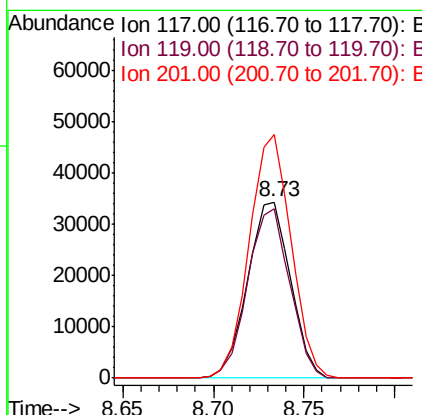
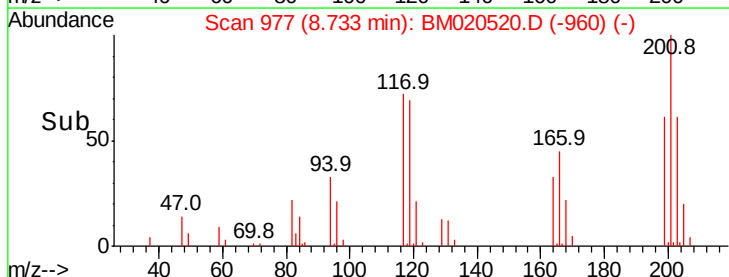
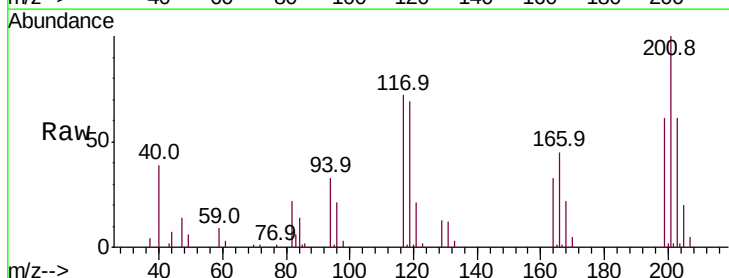
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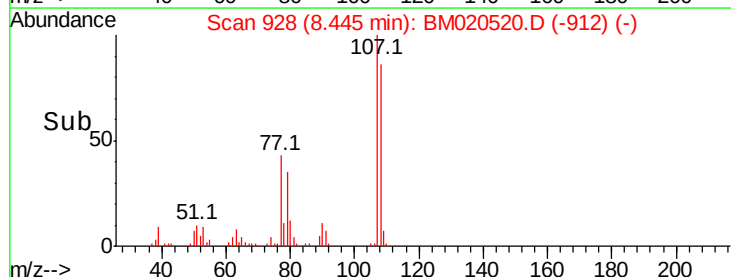
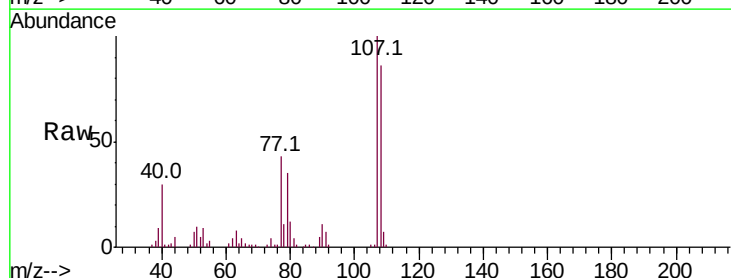
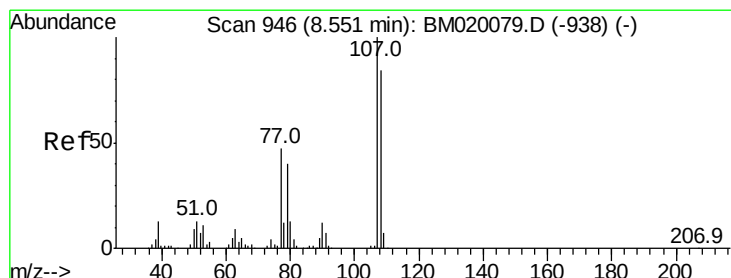
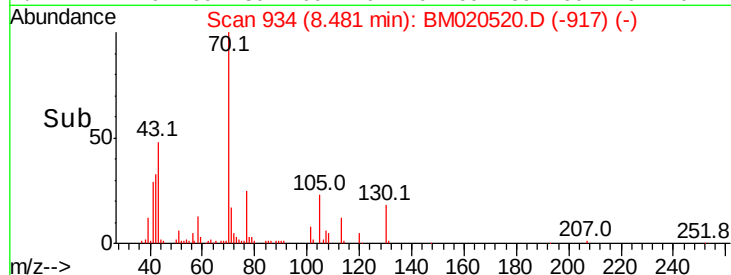
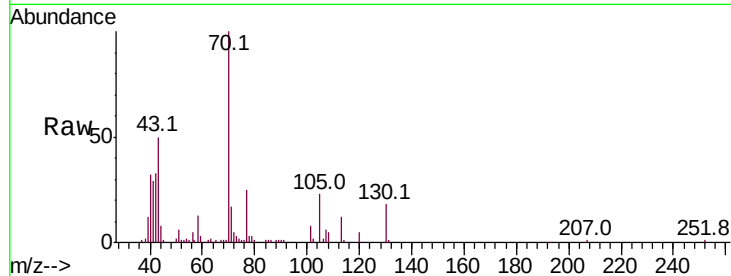
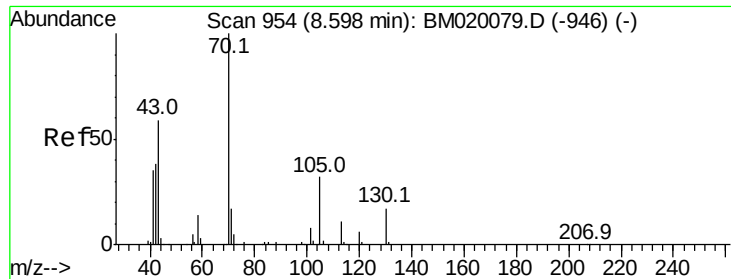
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#18
Hexachloroethane
Concen: 32.289 ng
RT: 8.73 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.6	114.8	
201	138.4	90.7	136.1#	





#19

n-Nitroso-di-n-propylamine

Concen: 28.280 ng

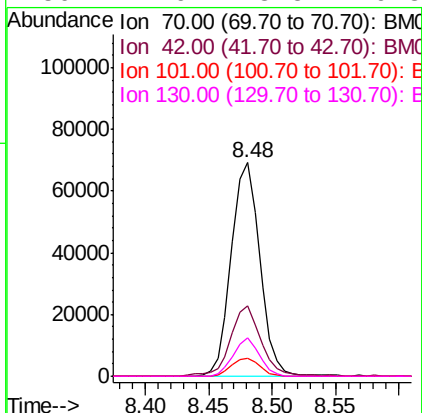
RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	33.2	31.0	46.4		
101	8.3	6.2	9.2		
130	17.9	13.5	20.3		



Instrument : BNA_M

ClientSampled : PB119565BS

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#20

3+4-Methylphenols

Concen: 33.814 ng

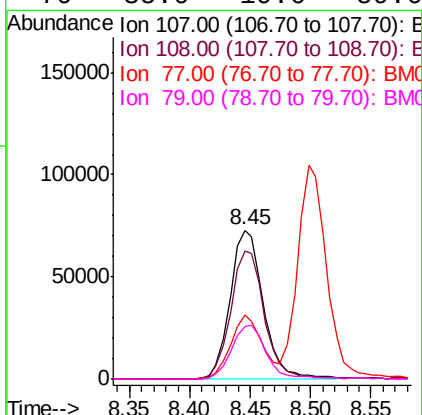
RT: 8.45 min Scan# 928

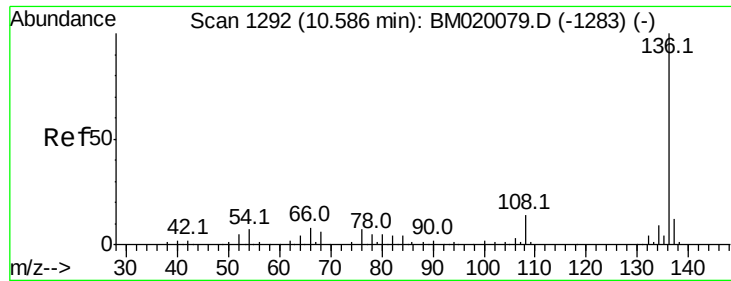
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.1	64.4	104.4		
77	43.2	27.2	67.2		
79	35.0	19.6	59.6		





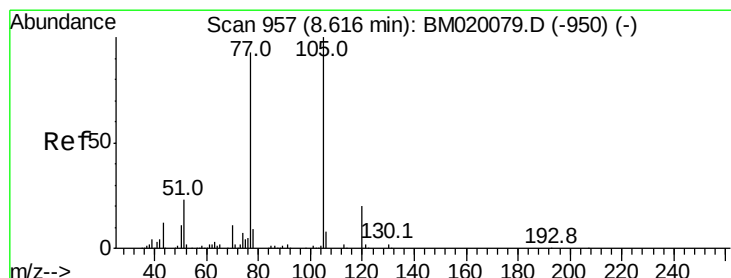
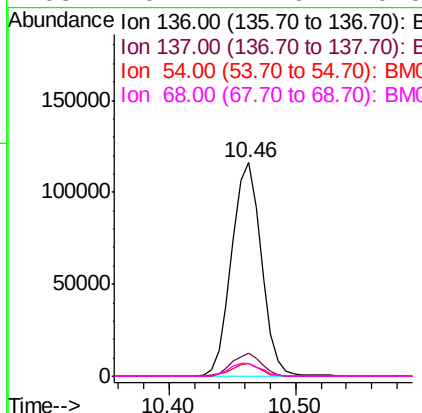
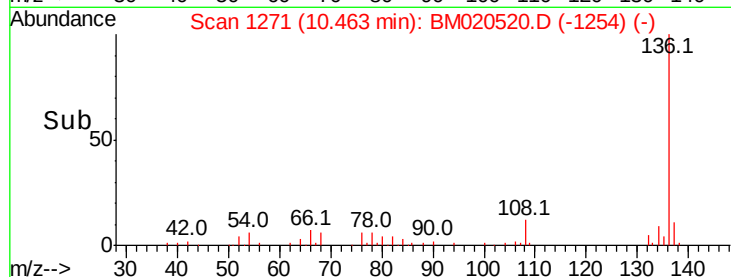
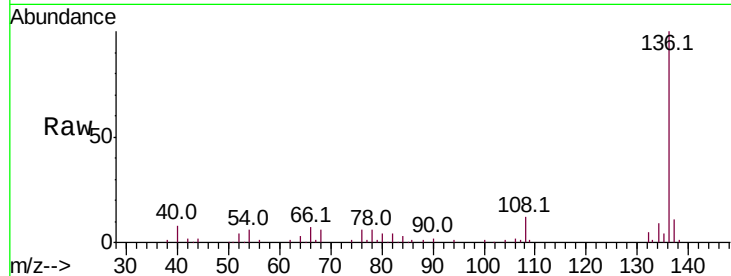
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	188280		
137	11.0	9.6	14.4	
54	6.2	5.5	8.3	
68	6.1	4.6	6.8	

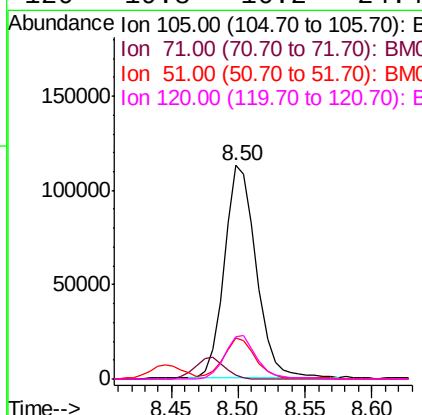
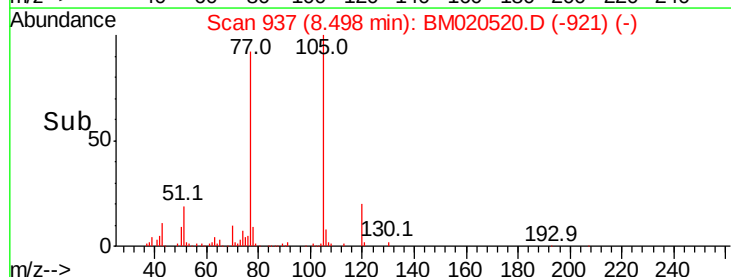
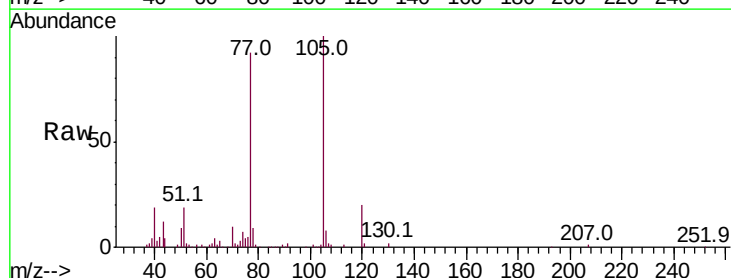
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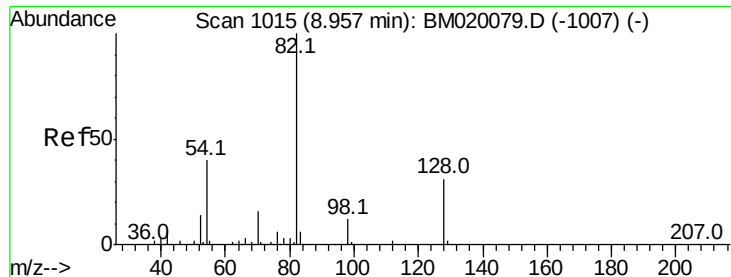
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#22
Acetophenone
Concen: 36.810 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189415		
71	1.9	2.2	3.2#	
51	19.4	19.3	28.9	
120	19.8	16.2	24.4	





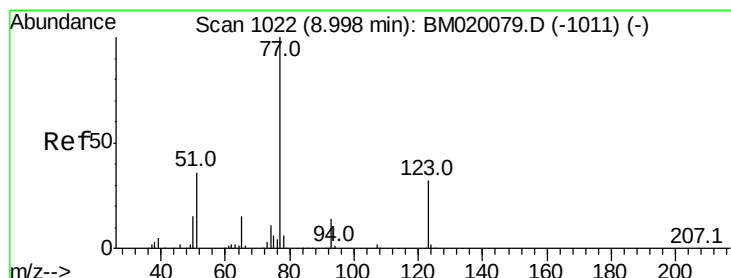
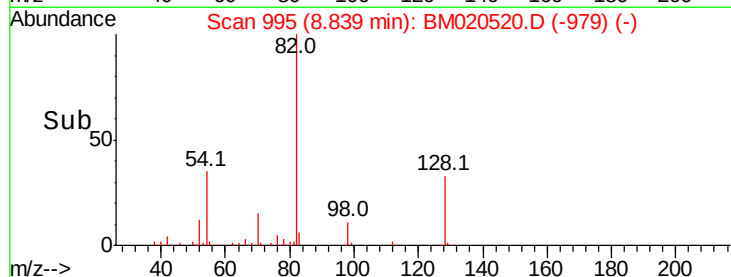
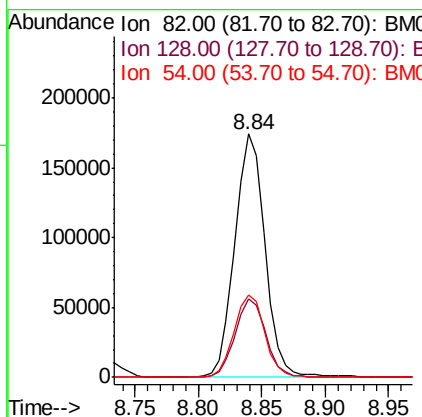
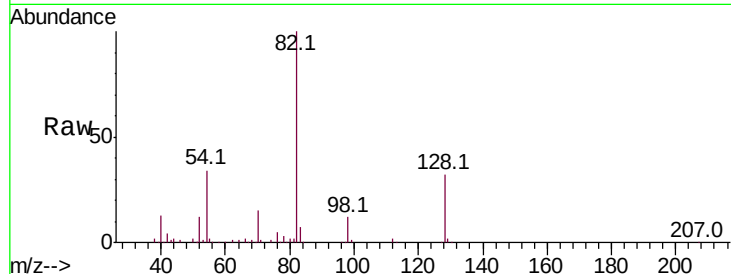
#23
 Nitrobenzene-d5
 Concen: 60.283 ng
 RT: 8.84 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	287490		
128	32.1	25.2	37.8	
54	33.9	31.9	47.9	

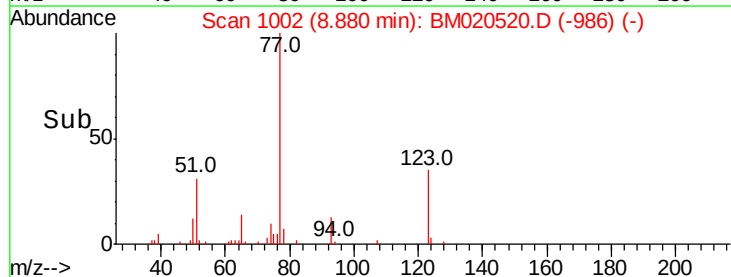
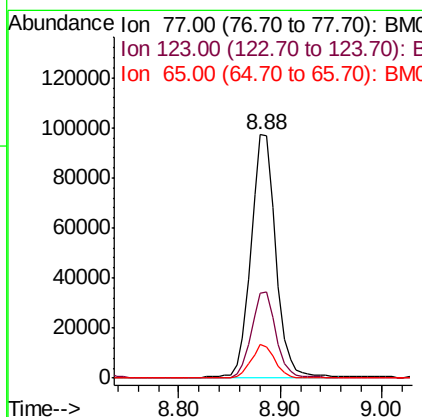
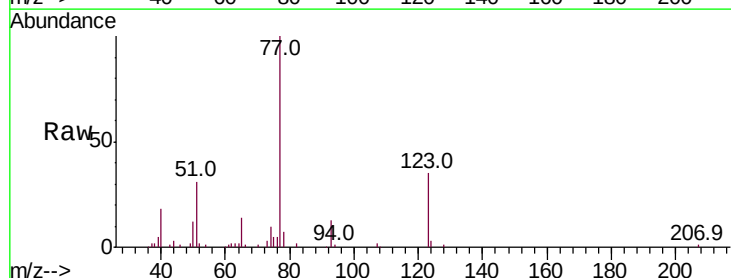
Manual Integrations
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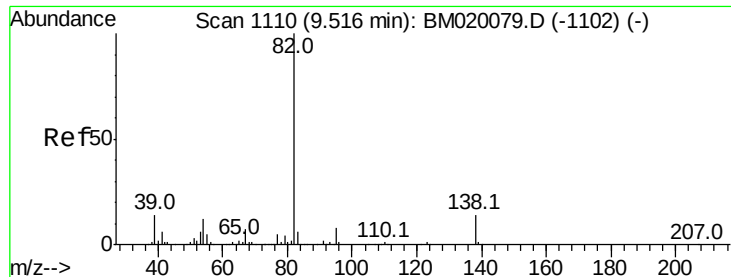
Sohil
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#24
 Nitrobenzene
 Concen: 33.882 ng
 RT: 8.88 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	167536		
123	35.0	25.5	38.3	
65	13.6	11.8	17.6	





#25

Isophorone

Concen: 34.267 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

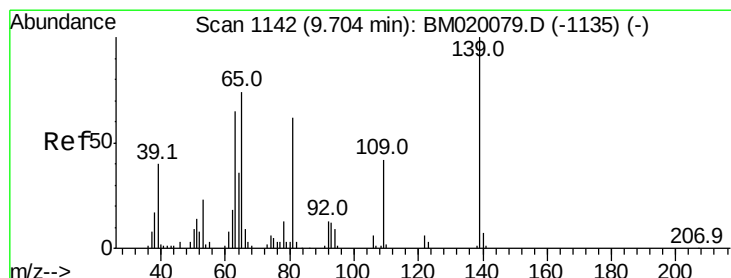
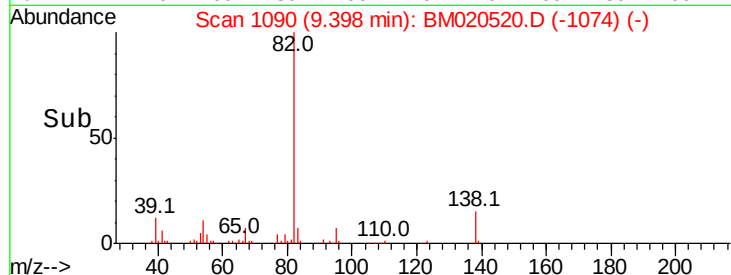
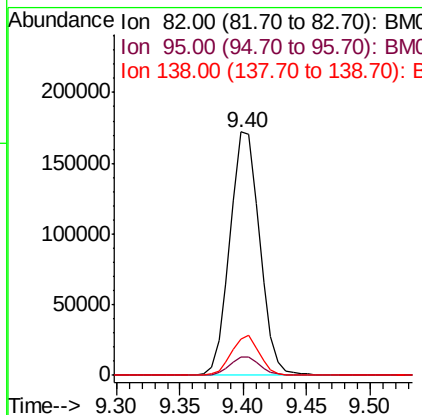
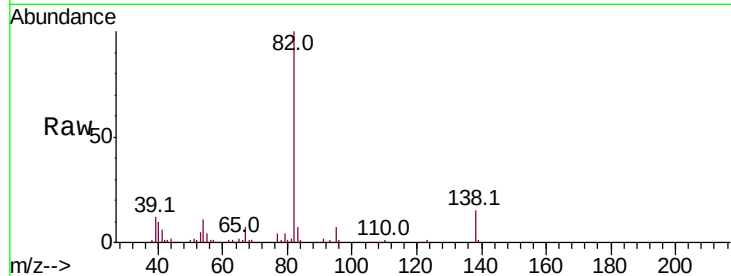
ClientSampleId :

PB119565BS

Tot Ion:	82	Resp:	281816
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.4	9.6
138	14.8	11.1	16.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.106 ng

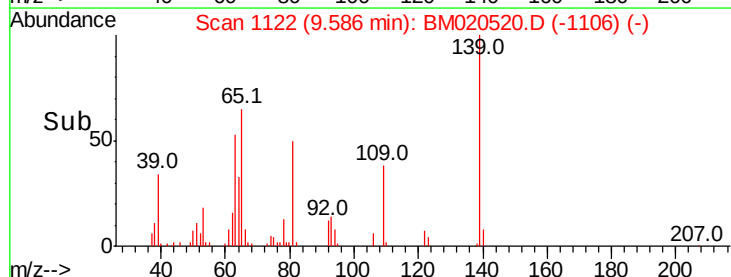
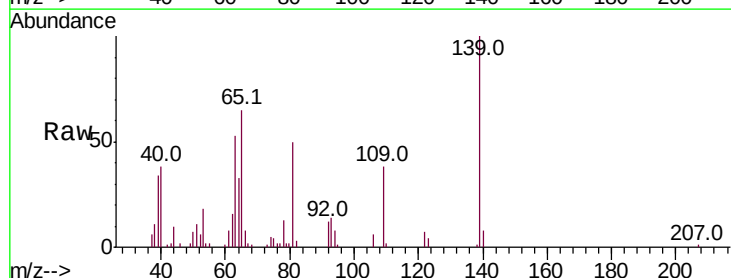
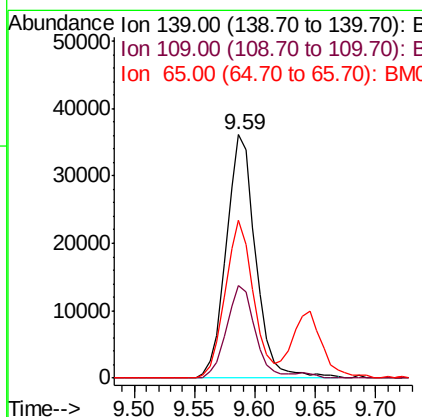
RT: 9.59 min Scan# 1122

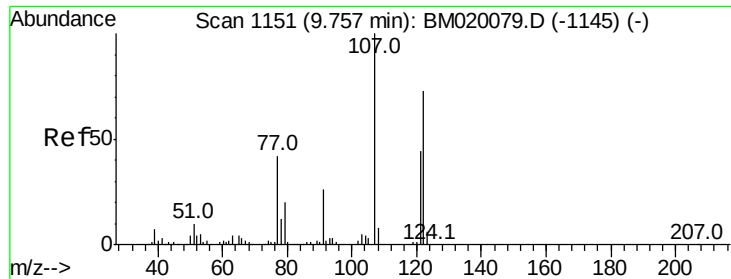
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:	139	Resp:	61362
Ion Ratio	Lower	Upper	
139	100		
109	38.2	33.7	50.5
65	64.8	59.5	89.3





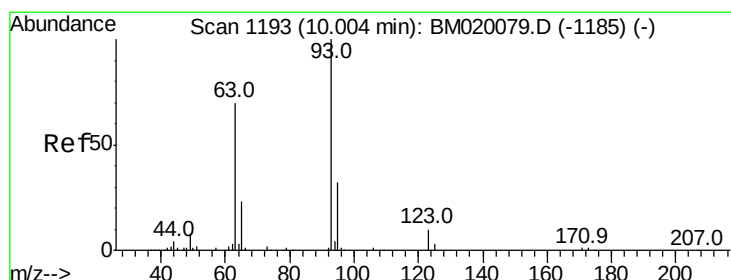
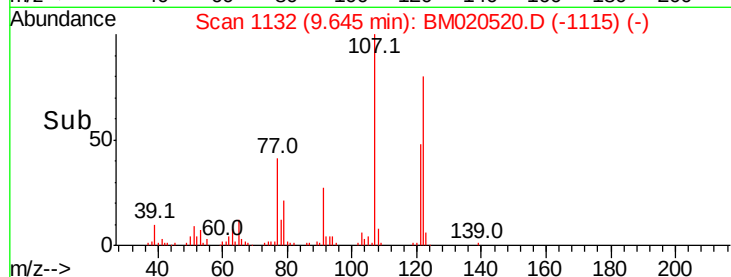
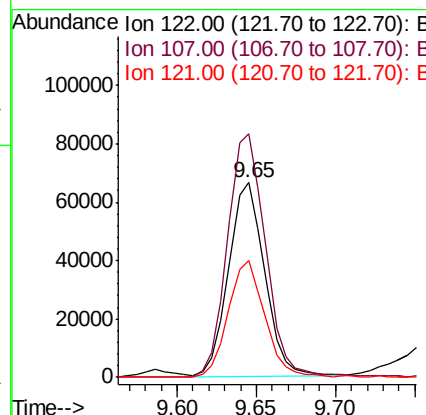
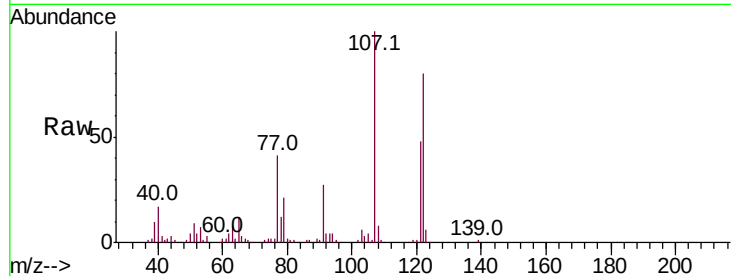
#27
 2,4-Dimethylphenol
 Concen: 42.282 ng
 RT: 9.65 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampled :
 PB119565BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.9	108.6	162.8
121	60.0	47.4	71.2

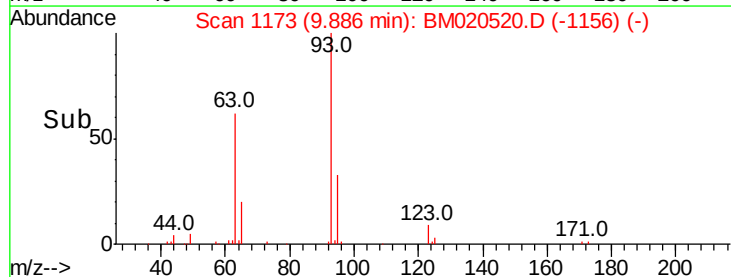
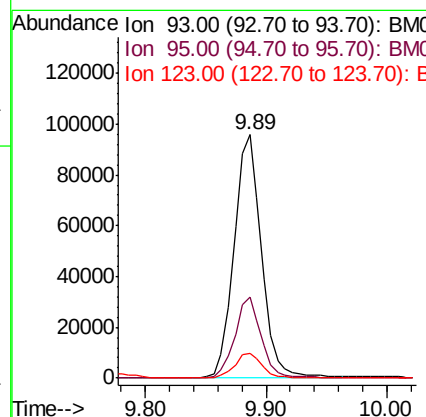
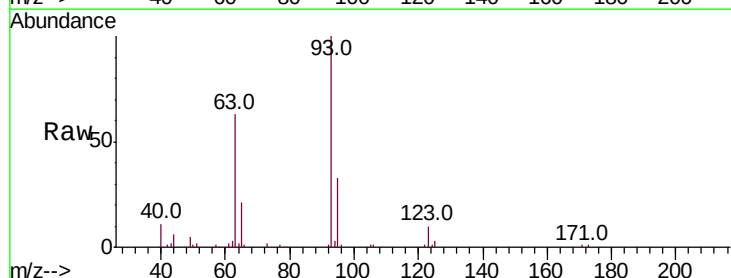
Manual Integrations
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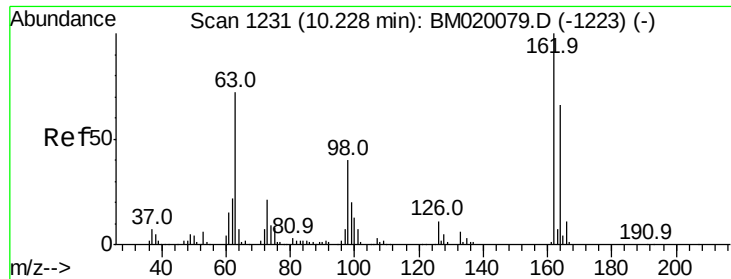
Sohil
 5/24/2019 5:01:38 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.899 ng
 RT: 9.89 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.5	38.3
123	10.1	7.6	11.4





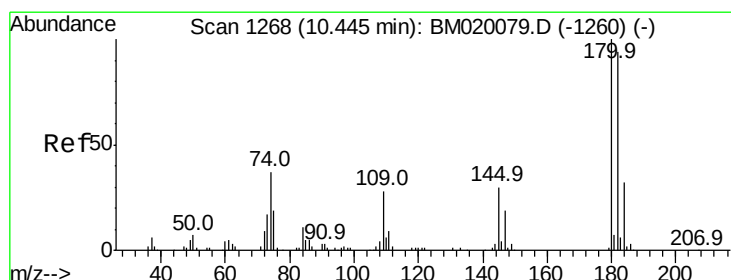
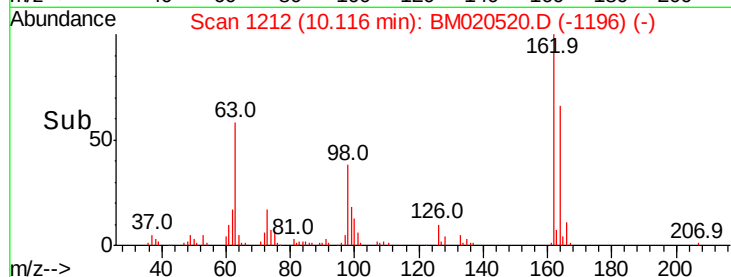
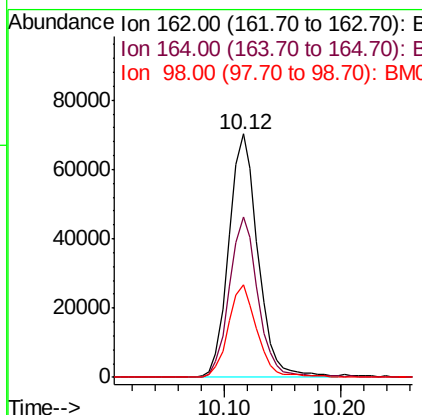
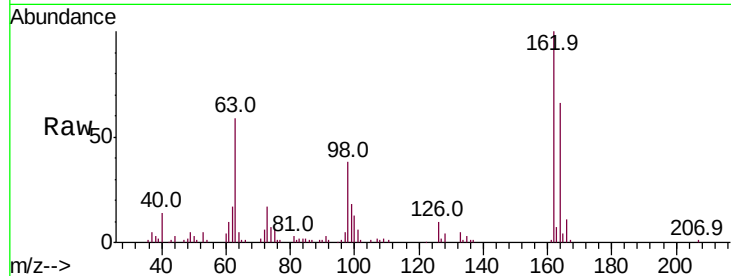
#29
2,4-Dichlorophenol
Concen: 39.207 ng
RT: 10.12 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	122868		
164	65.8	45.6	85.6	
98	37.9	20.4	60.4	

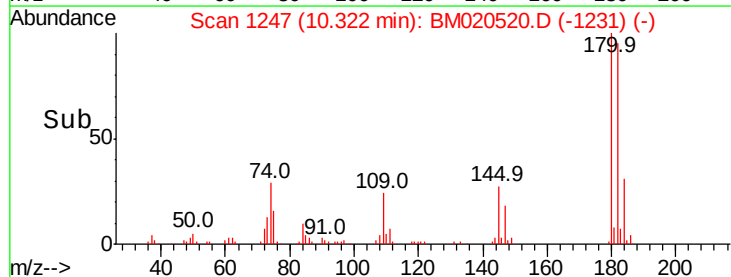
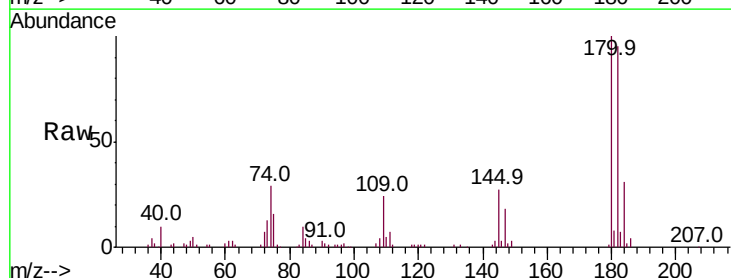
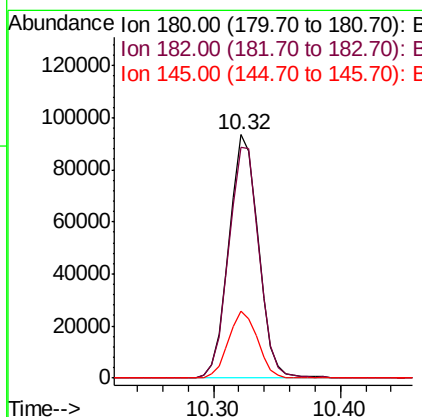
Manual Integrations
APPROVED

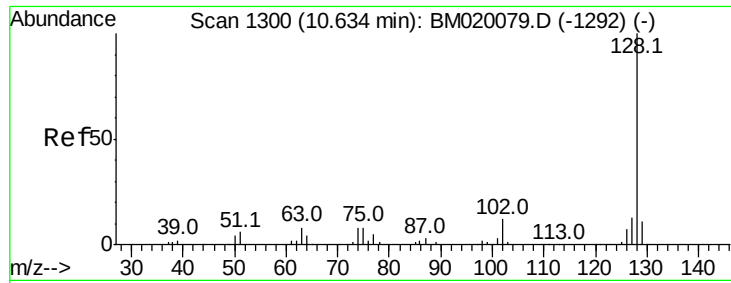
Sohil
5/24/2019 5:01:38 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.984 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150325		
182	94.8	75.4	113.0	
145	27.3	23.8	35.8	





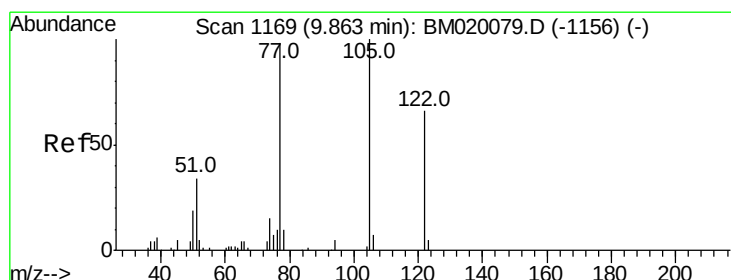
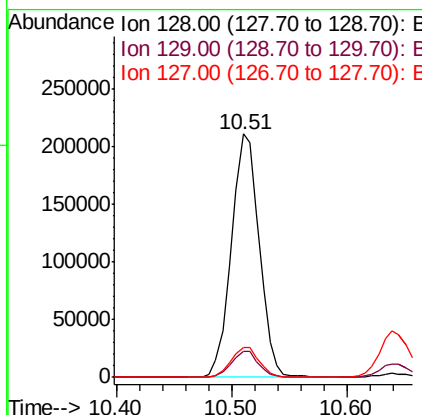
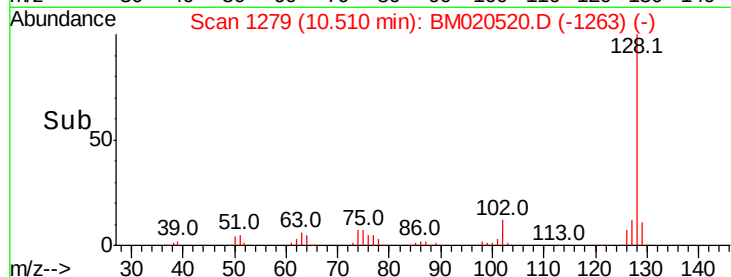
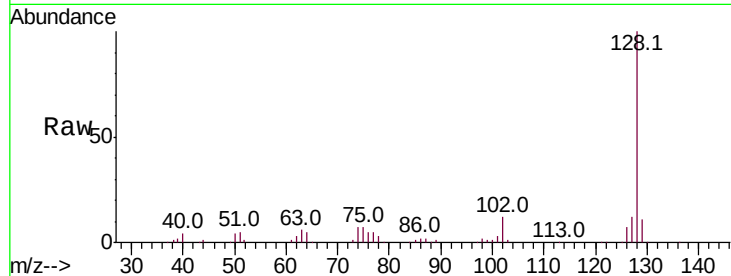
#31
Naphthalene
Concen: 36.050 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampled :
PB119565BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.4	10.4	15.6

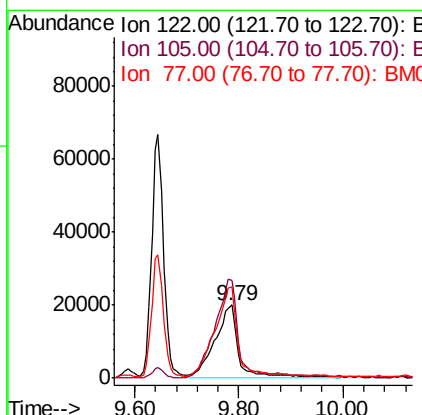
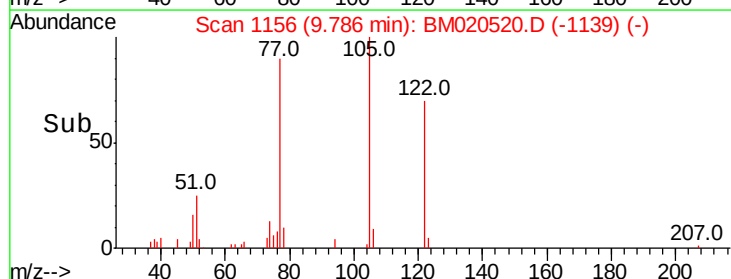
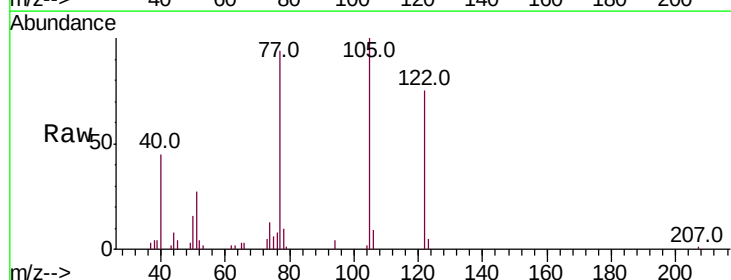
Manual Integrations
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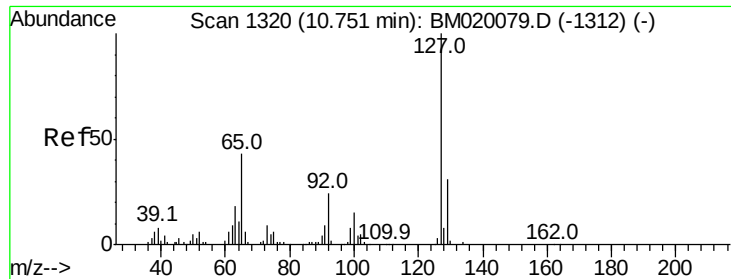
Sohil
5/24/2019 5:01:38 PM



#32
Benzoic acid
Concen: 38.401 ng m
RT: 9.79 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.2	122.5	162.5
77	125.8	123.3	163.3





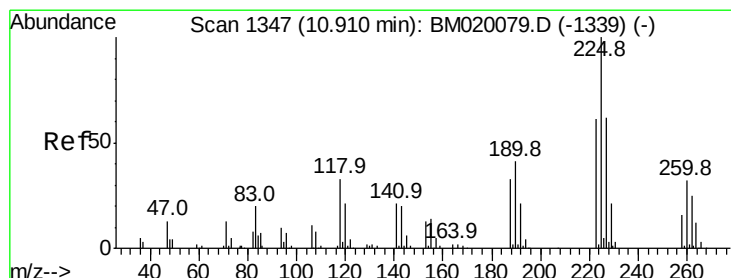
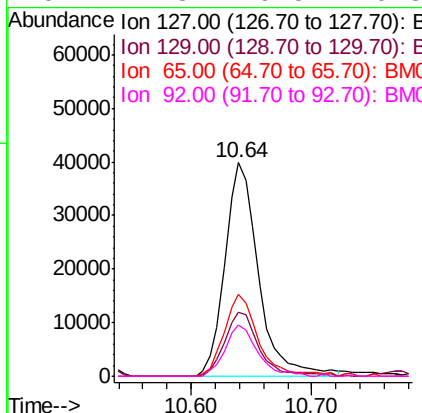
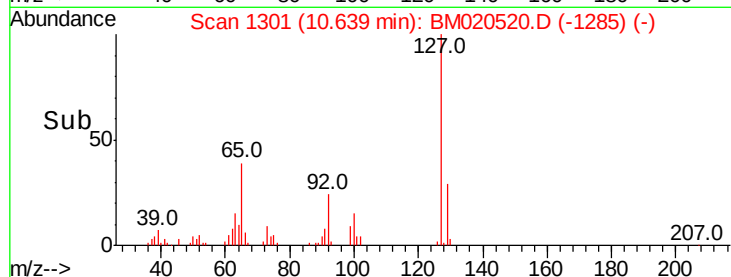
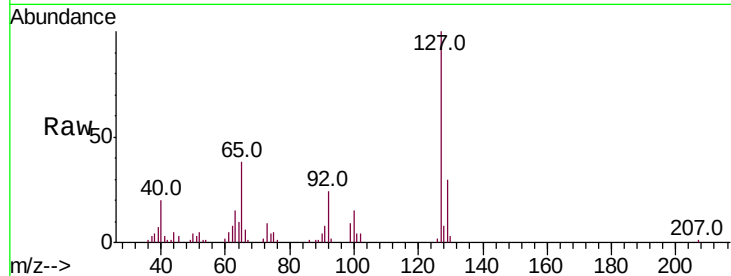
#33
4-Chloroaniline
Concen: 19.159 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.9	24.7	37.1
65	38.2	34.6	52.0
92	24.3	19.5	29.3

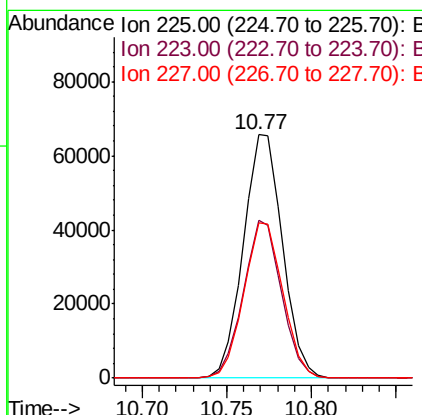
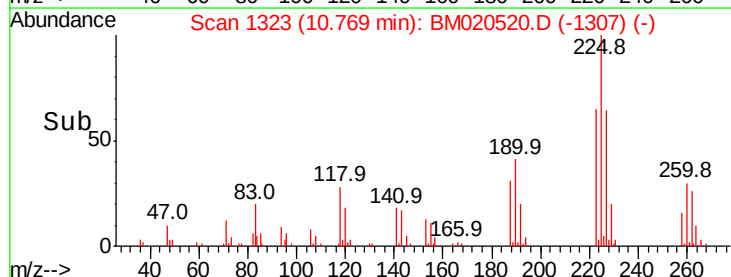
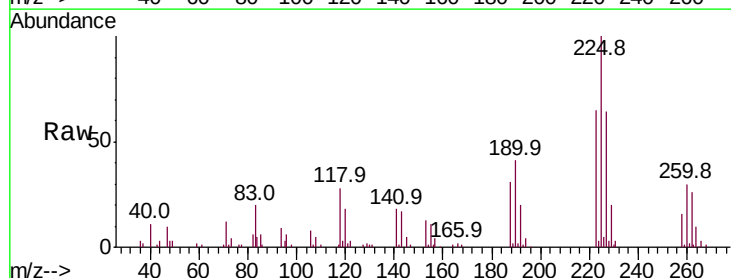
Manual Integrations
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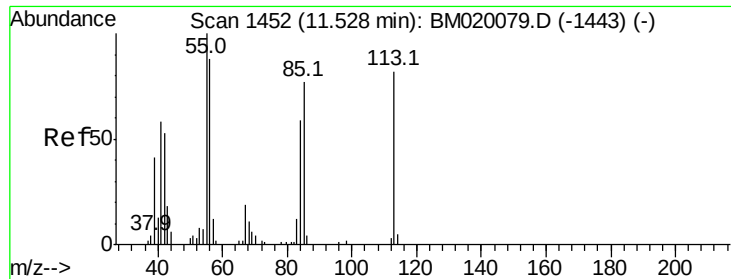
Sohil
5/24/2019 5:01:38 PM



#34
Hexachlorobutadiene
Concen: 38.775 ng
RT: 10.77 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	48.9	73.3
227	64.0	49.6	74.4





#35

Caprolactam

Concen: 31.268 ng

RT: 11.45 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tot Ion:113 Resp: 29300

Ion Ratio Lower Upper

113 100

55 118.7 102.5 142.5

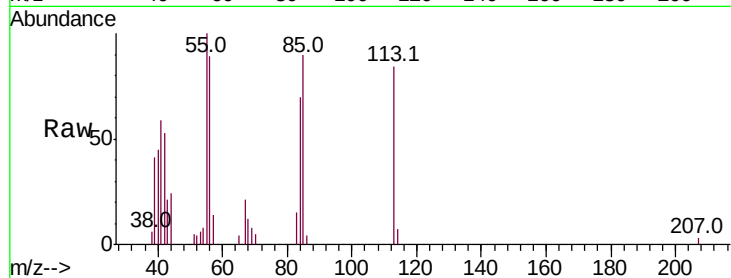
56 105.8 87.7 127.7

Manual Integrations

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Sohil

5/24/2019 5:01:38 PM

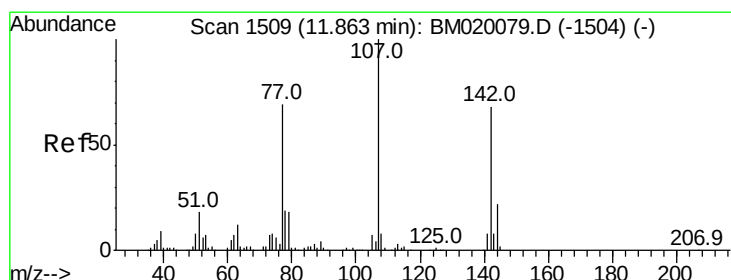
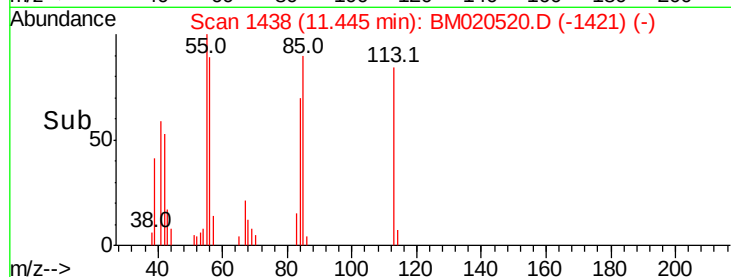
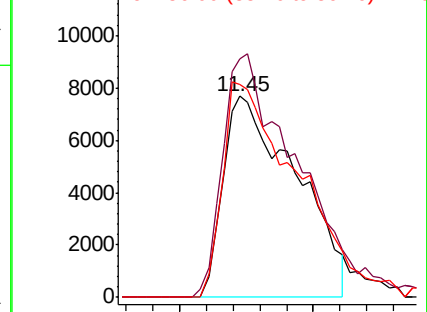


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 33.233 ng

RT: 11.76 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

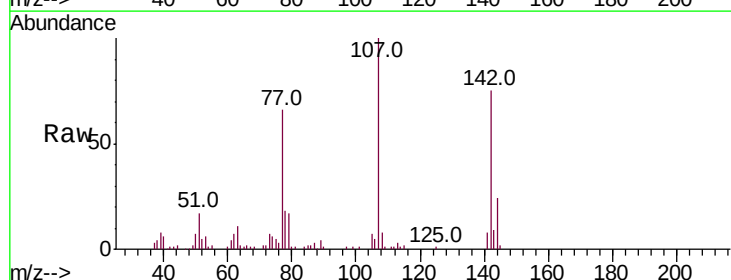
Tgt Ion:107 Resp: 122387

Ion Ratio Lower Upper

107 100

144 24.1 17.6 26.4

142 75.4 54.6 82.0

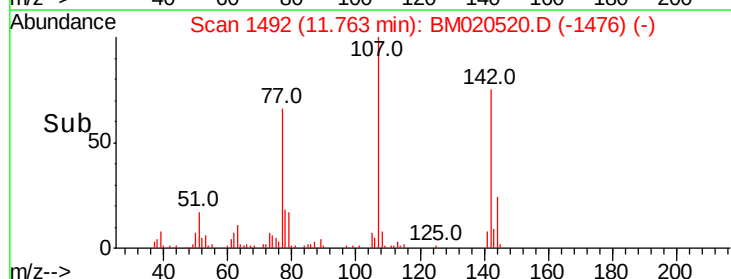
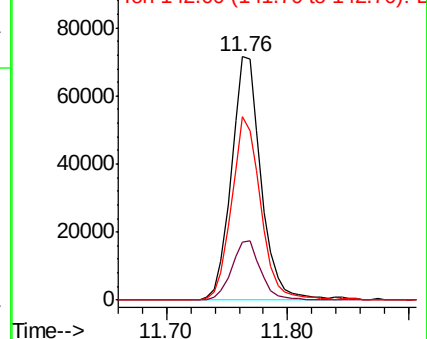


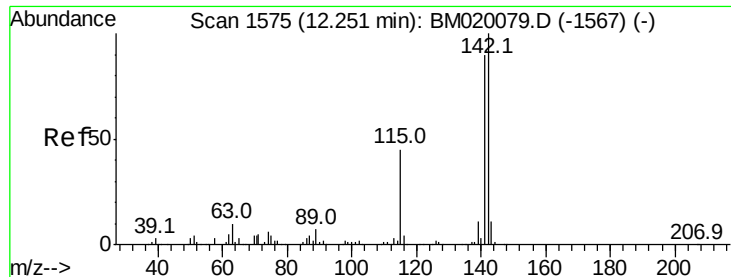
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





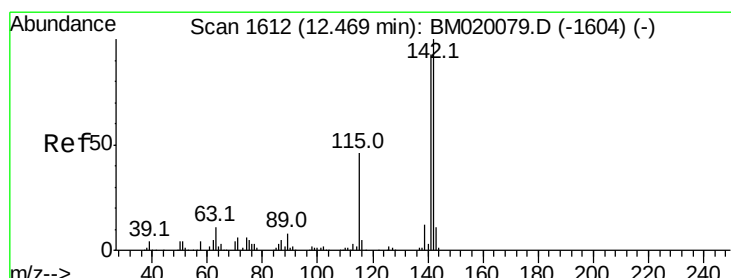
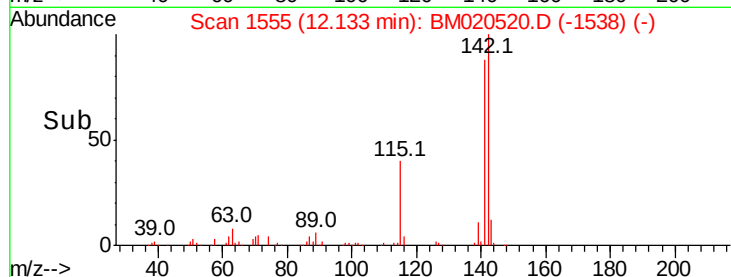
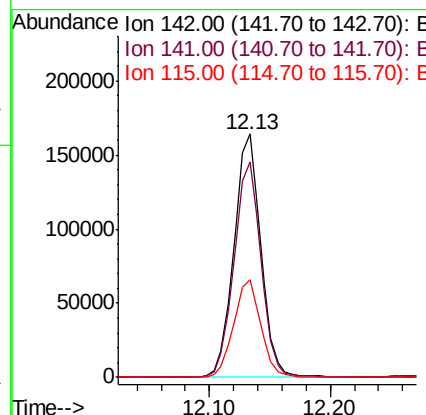
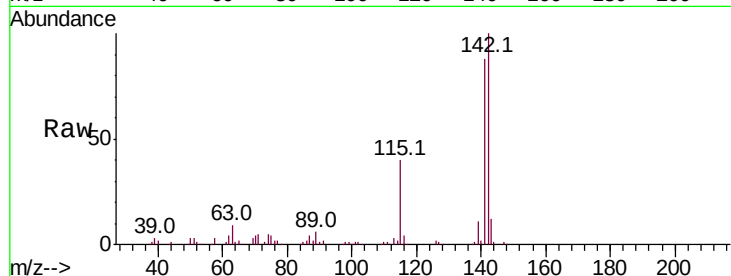
#37
2-Methylnaphthalene
Concen: 35.788 ng
RT: 12.13 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4
115	40.4	35.8	53.6

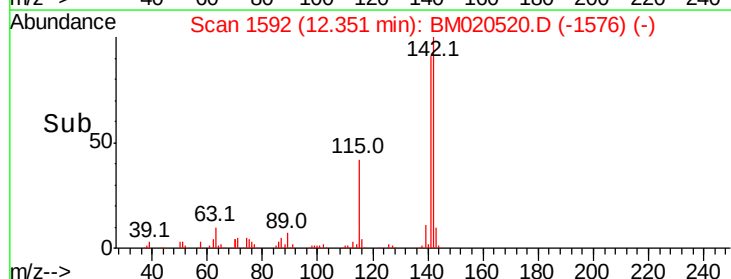
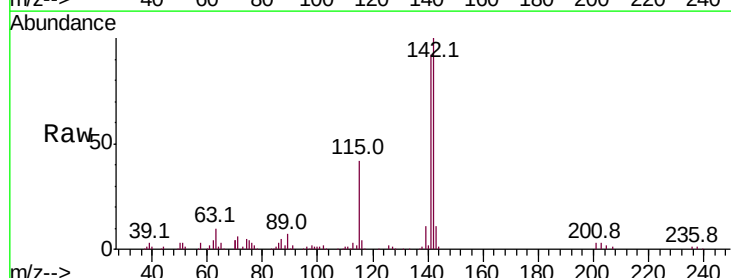
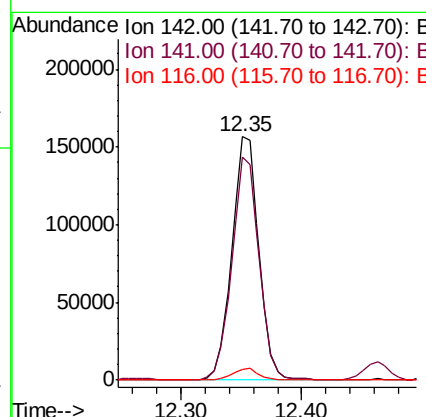
Manual Integrations
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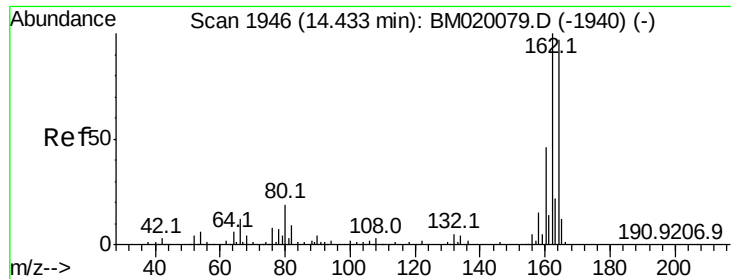
Sohil
5/24/2019 5:01:38 PM



#38
1-Methylnaphthalene
Concen: 34.897 ng
RT: 12.35 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.8	112.2
116	4.3	3.9	5.9





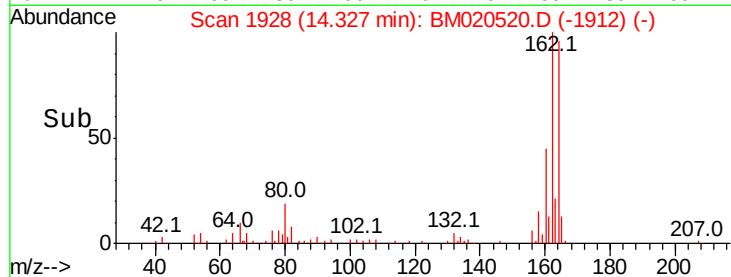
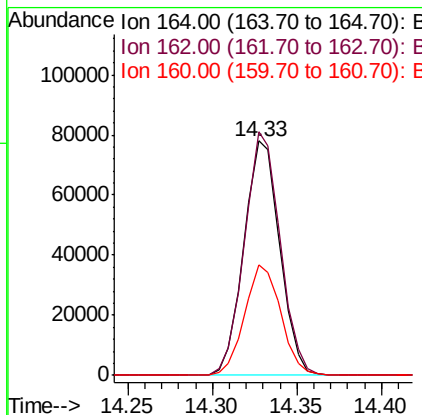
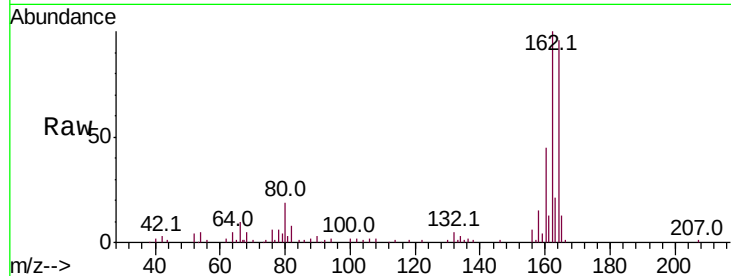
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampled :
 PB119565BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.2	123.2
160	47.2	37.6	56.4

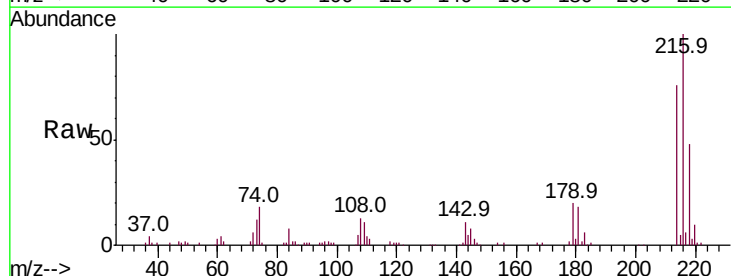
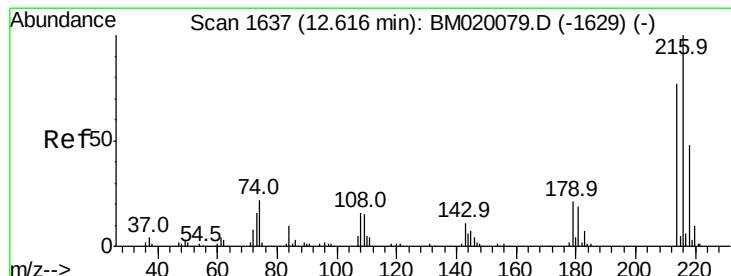
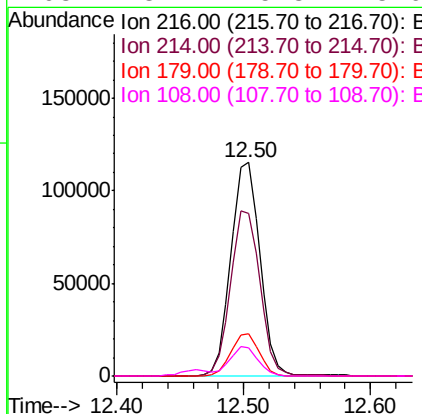
Manual Integrations
 APPROVED

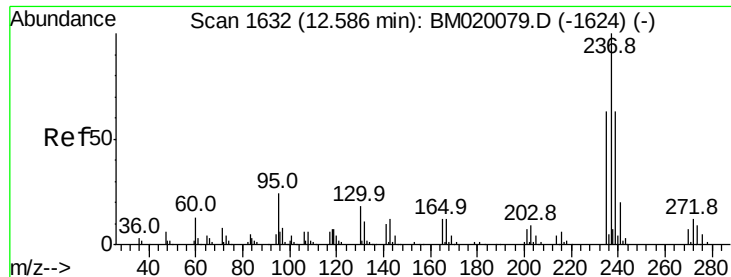
Sohil
 5/24/2019 5:01:38 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.625 ng
 RT: 12.50 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.7	62.6	94.0
179	19.2	17.1	25.7
108	13.2	15.8	23.6#





#41

Hexachlorocyclopentadiene

Concen: 64.606 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

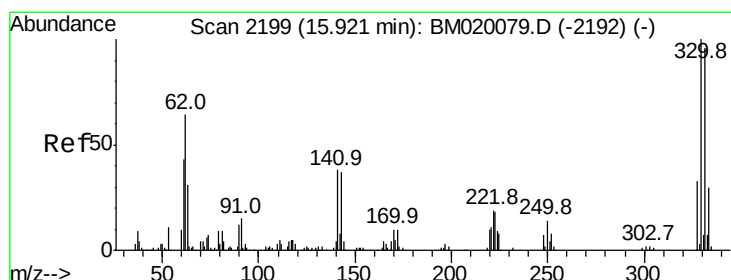
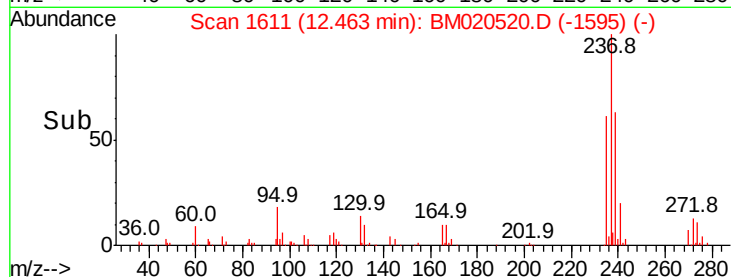
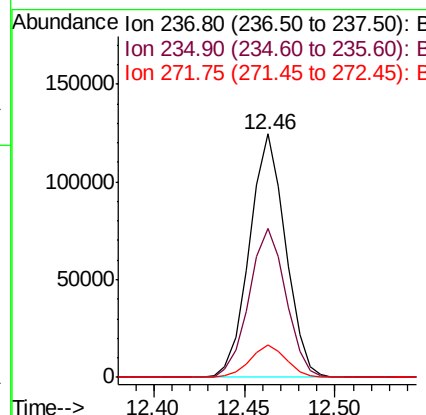
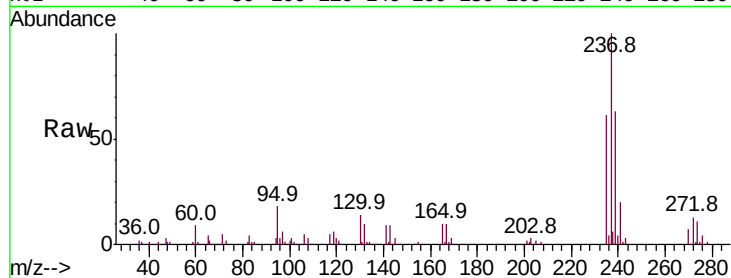
ClientSampleId :

PB119565BS

Tot Ion:	237	Resp:	172161
Ion Ratio	Lower	Upper	
237	100		
235	61.0	43.4	83.4
272	13.5	0.0	31.7

Manual Integrations
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Sohil
5/24/2019 5:01:38 PM



#42

2,4,6-Tribromophenol

Concen: 133.318 ng

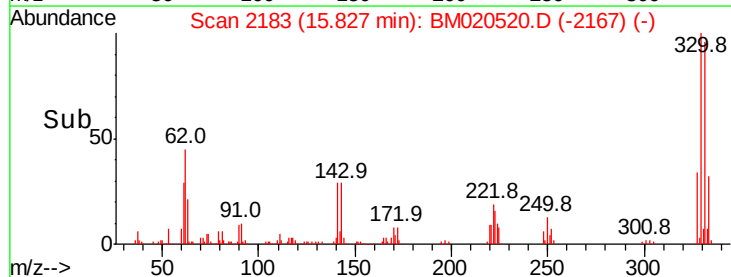
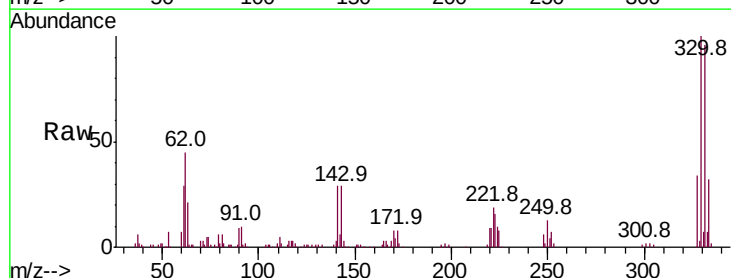
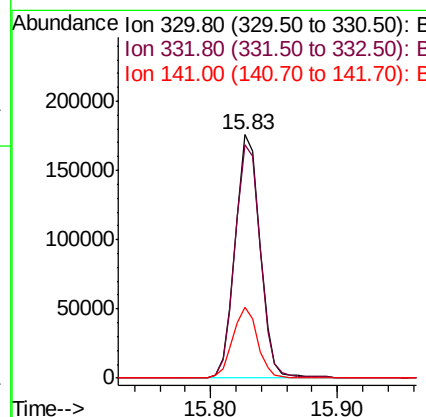
RT: 15.83 min Scan# 2183

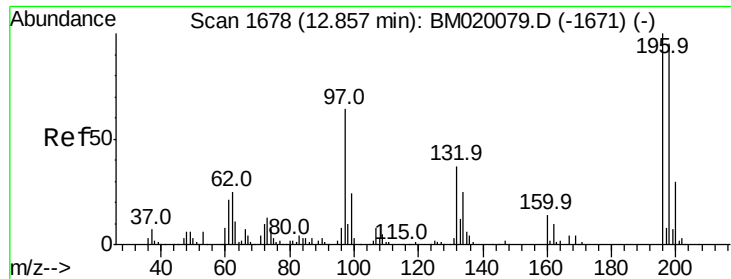
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:	330	Resp:	239375
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.8	115.2
141	28.9	29.2	43.8#





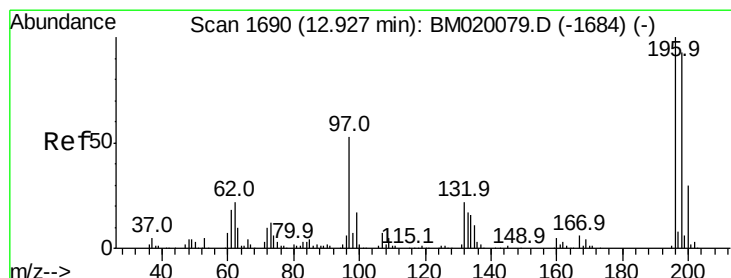
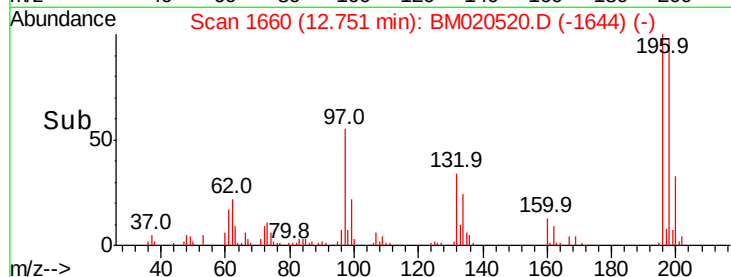
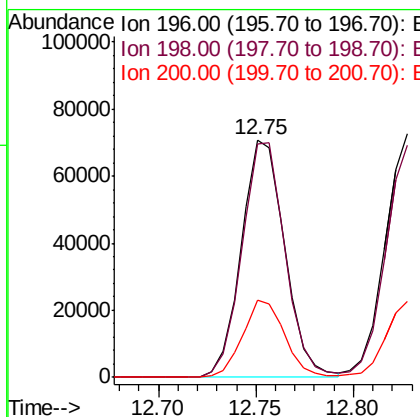
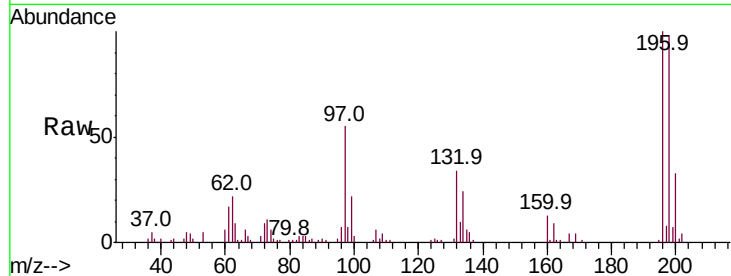
#43
 2,4,6-Trichlorophenol
 Concen: 42.268 ng
 RT: 12.75 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampled :
 PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	108718		
198	98.5	76.2	114.2	
200	32.6	24.3	36.5	

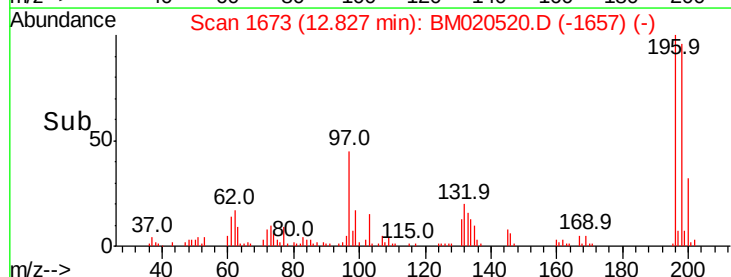
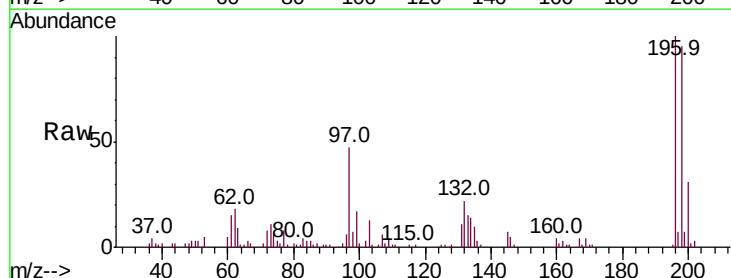
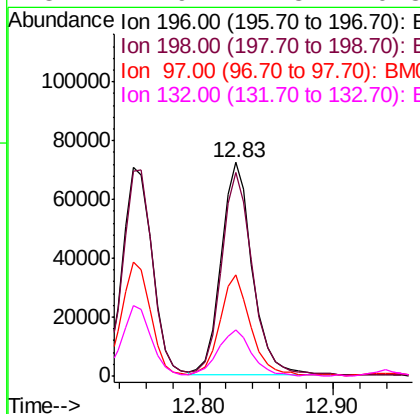
Manual Integrations
 APPROVED

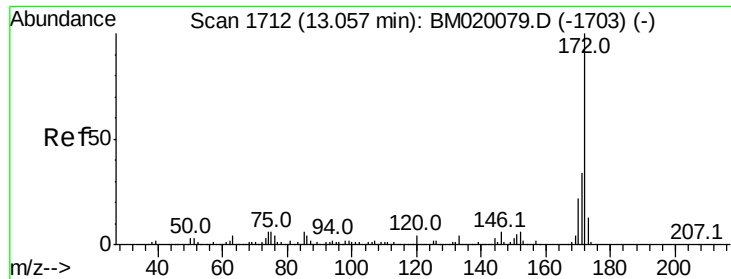
Sohil
 5/24/2019 5:01:38 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.821 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117294		
198	95.3	74.7	112.1	
97	47.3	42.2	63.4	
132	21.9	17.8	26.8	





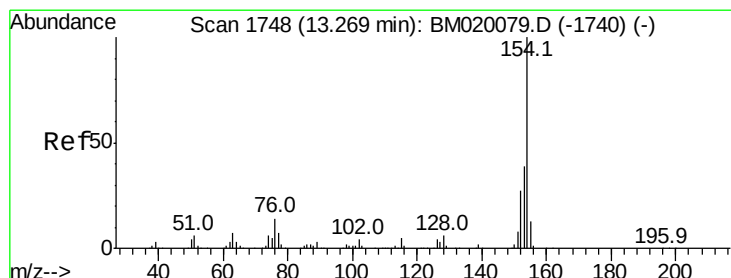
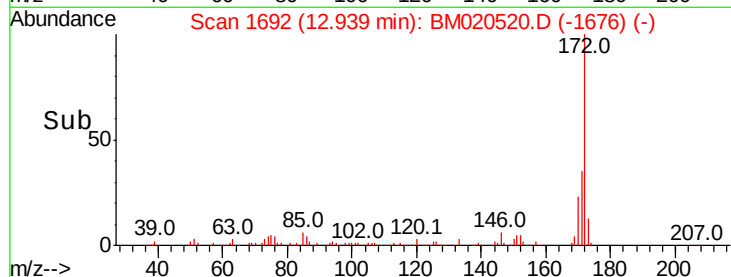
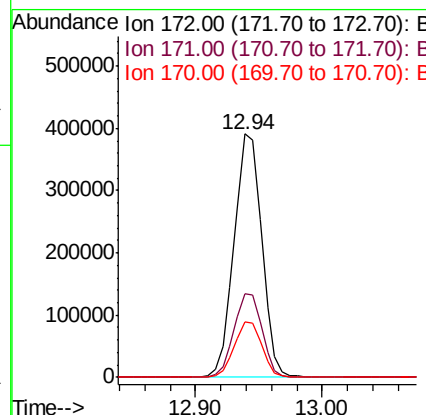
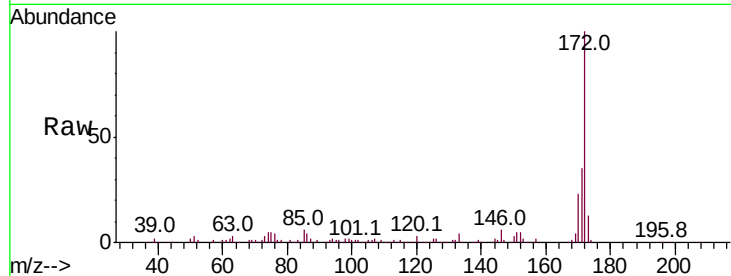
#45
2-Fluorobiphenyl
Concen: 62.727 ng
RT: 12.94 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	22.8	17.9	26.9

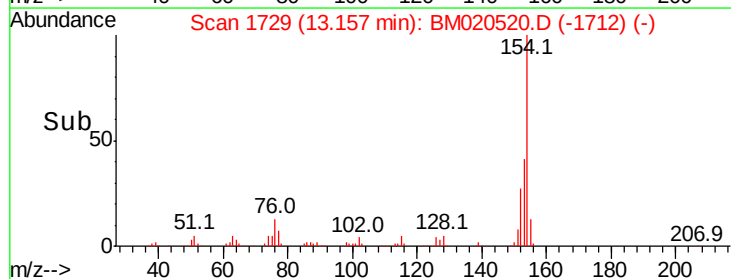
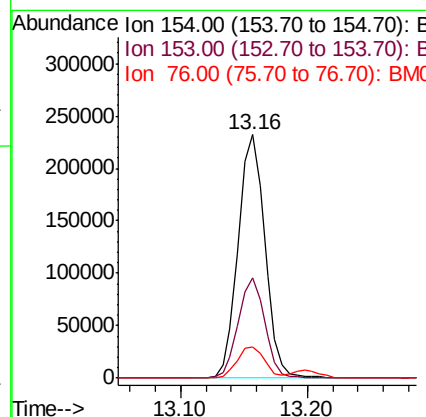
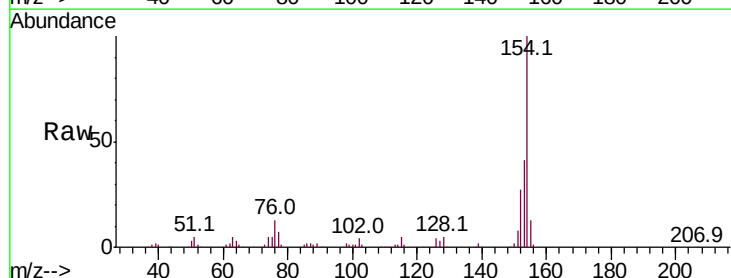
Manual Integrations
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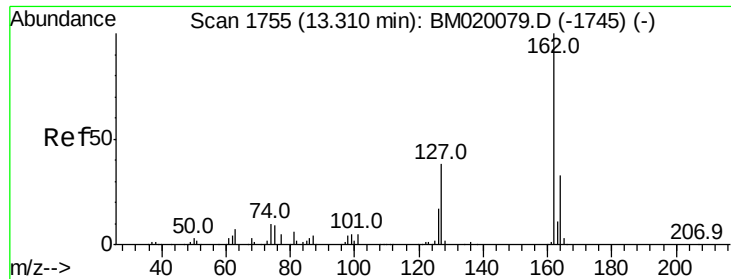
Sohil
5/24/2019 5:01:38 PM



#46
1,1'-Biphenyl
Concen: 35.613 ng
RT: 13.16 min Scan# 1729
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.4	59.4
76	12.9	0.0	34.5





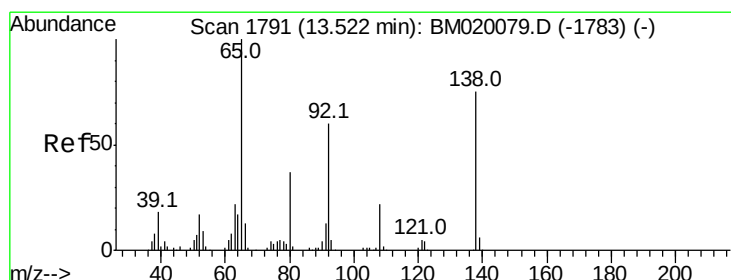
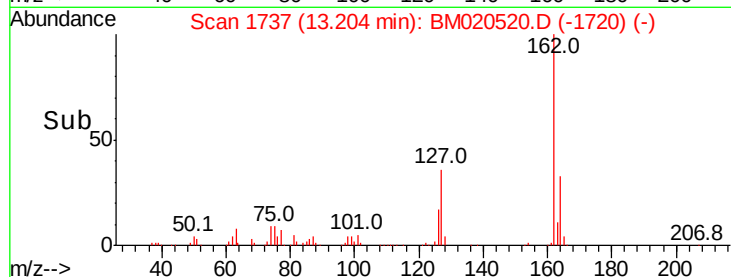
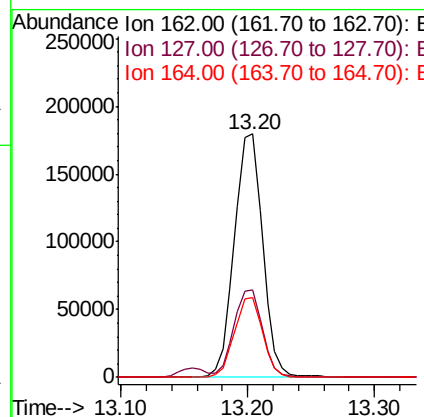
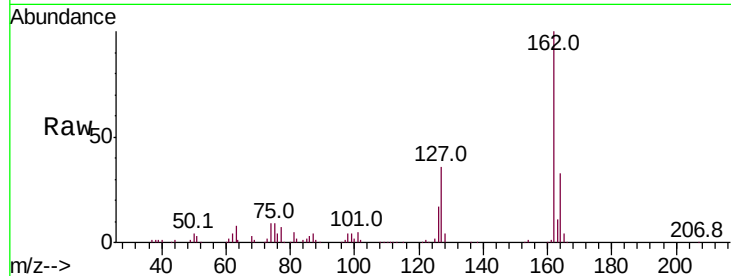
#47
2-Chloronaphthalene
Concen: 36.529 ng
RT: 13.20 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	277697		
127	35.8		31.0	46.4
164	32.9		26.2	39.2

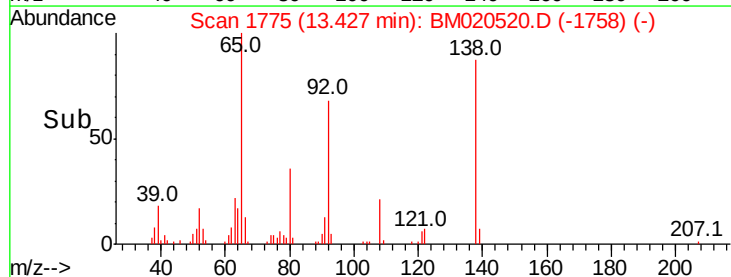
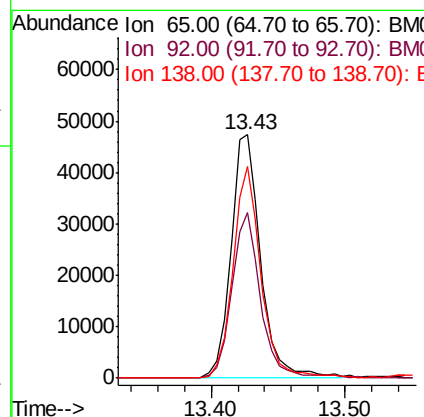
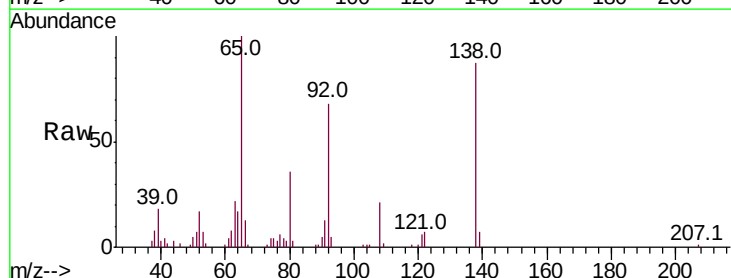
Manual Integrations
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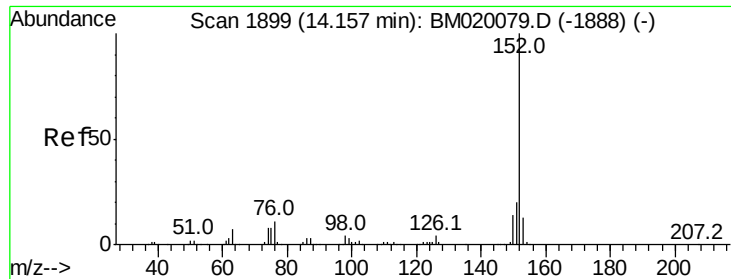
Sohil
5/24/2019 5:01:38 PM



#48
2-Nitroaniline
Concen: 27.237 ng
RT: 13.43 min Scan# 1775
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	73716		
92	67.9		48.2	72.4
138	87.1		60.3	90.5





#49

Acenaphthylene

Concen: 34.131 ng

RT: 14.05 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

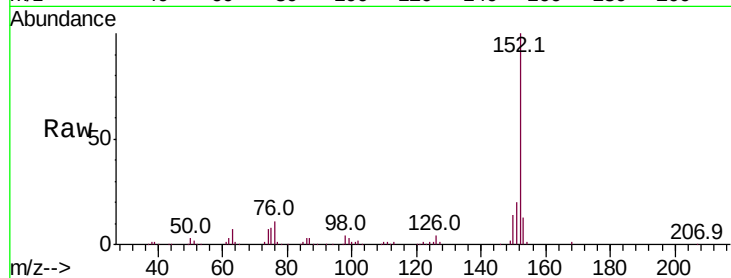
ClientSampleId :

PB119565BS

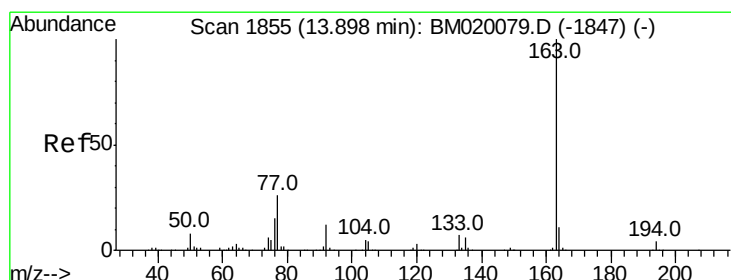
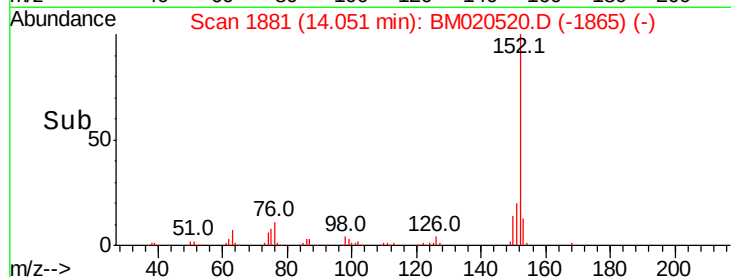
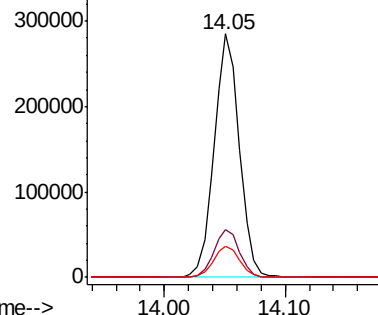
Tot Ion:	152	Resp:	415249
Ion Ratio	Lower	Upper	
152	100		
151	19.5	16.2	24.2
153	12.7	10.6	16.0

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



#50

Dimethylphthalate

Concen: 34.694 ng

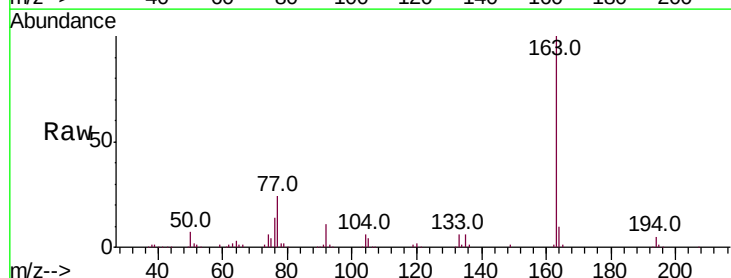
RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

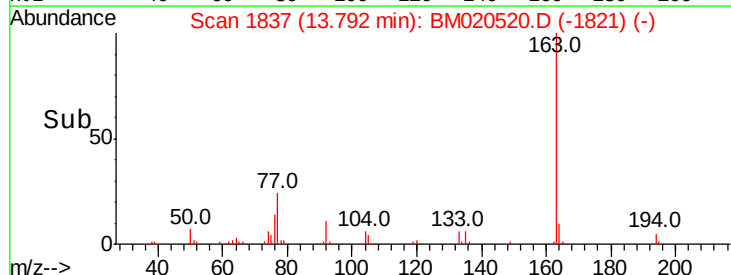
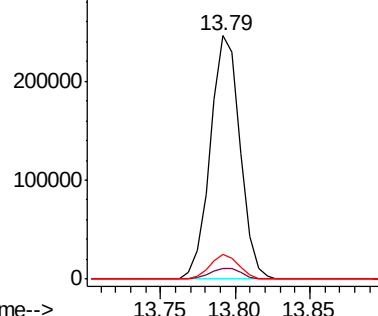
Lab File: BM020520.D

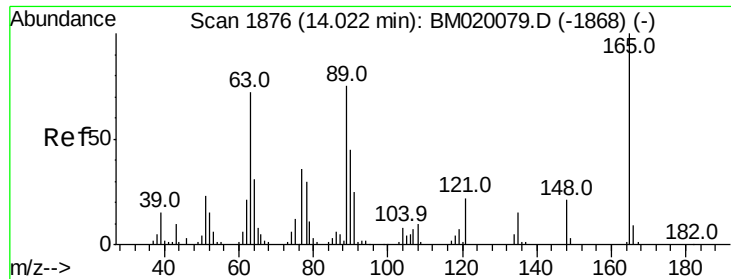
Acq: 23 May 2019 17:44

Tgt Ion:	163	Resp:	341103
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.3	8.4	12.6



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





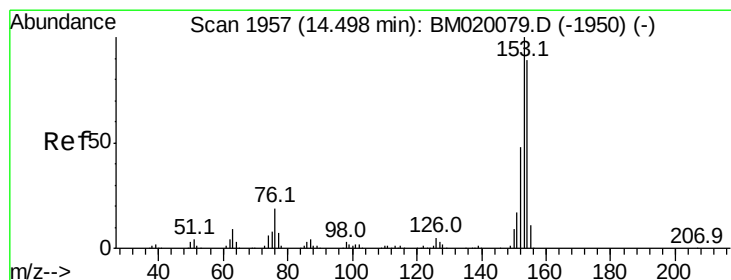
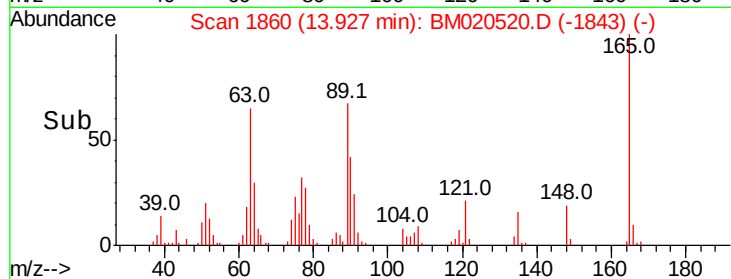
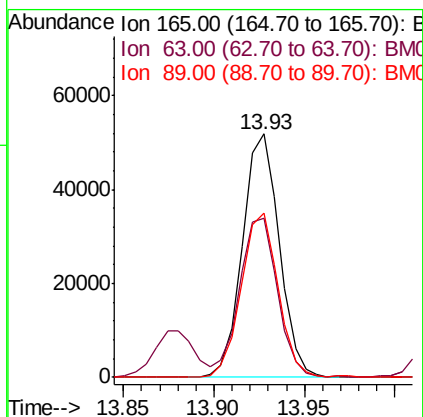
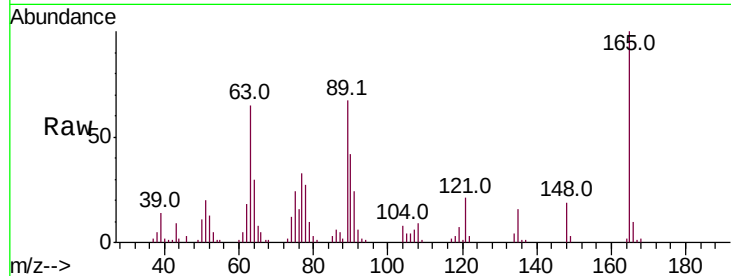
#51
 2,6-Dinitrotoluene
 Concen: 35.241 ng
 RT: 13.93 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.3	60.3	90.5
89	67.4	59.8	89.6

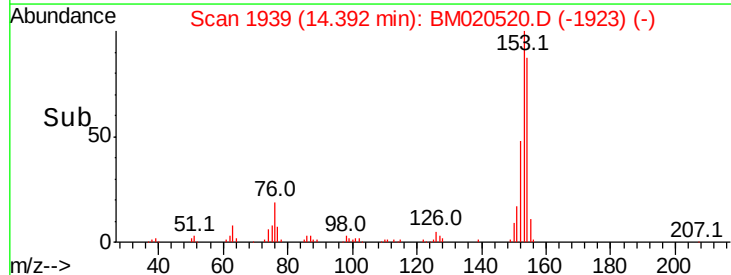
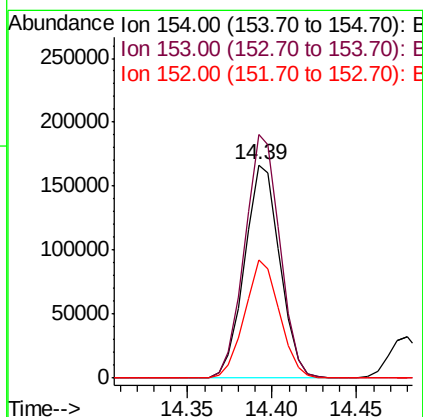
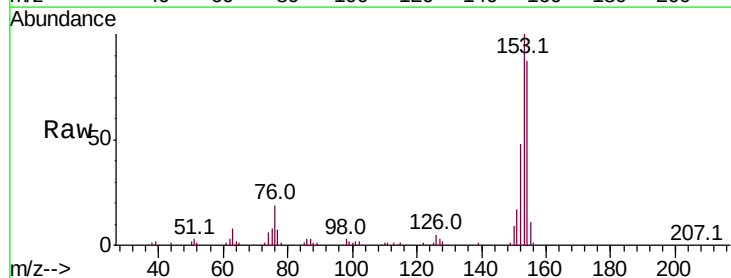
Manual Integrations
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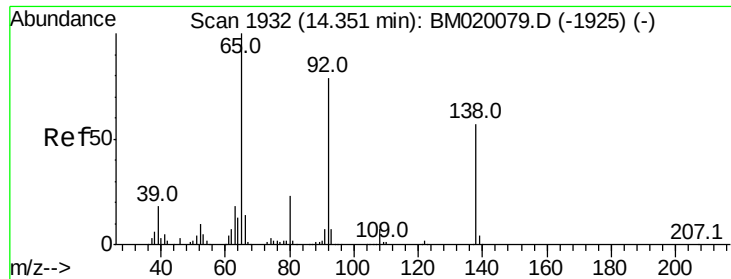
Sohil
 5/24/2019 5:01:38 PM



#52
 Acenaphthene
 Concen: 34.716 ng
 RT: 14.39 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	90.2	135.2
152	55.3	43.0	64.4





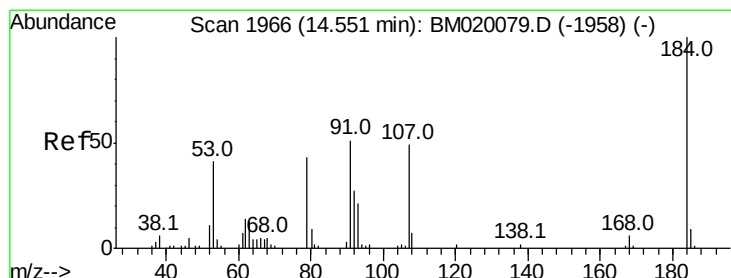
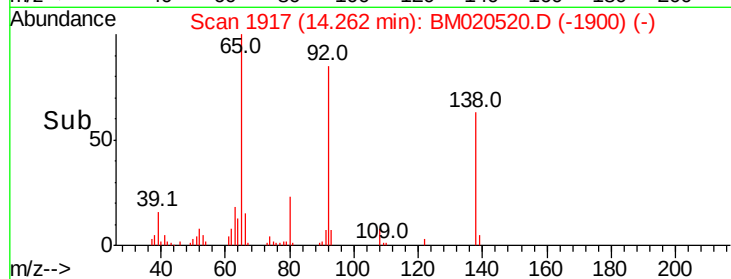
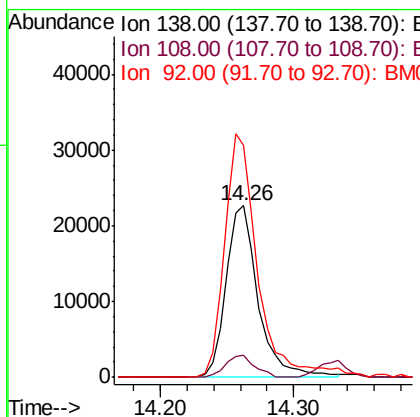
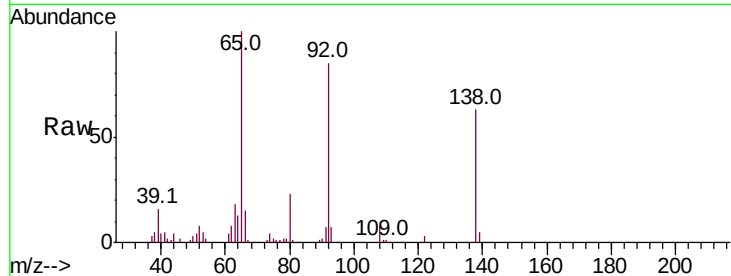
#53
3-Nitroaniline
Concen: 19.903 ng
RT: 14.26 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	10.4	15.6
92	135.1	111.3	166.9

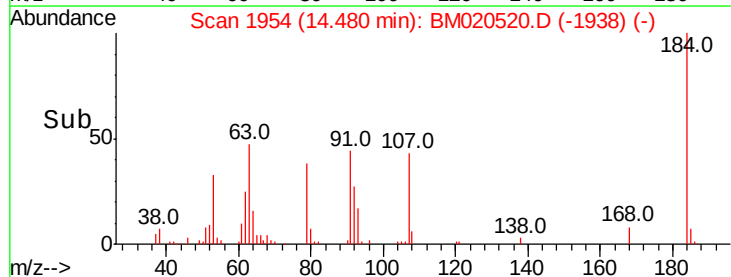
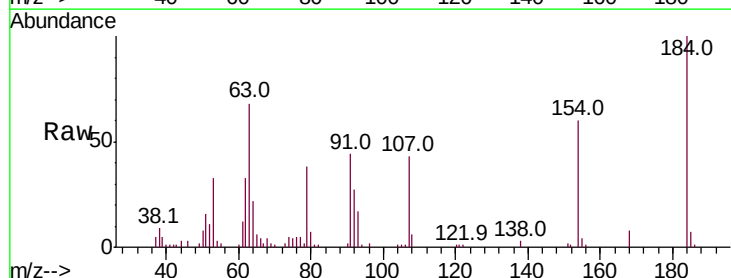
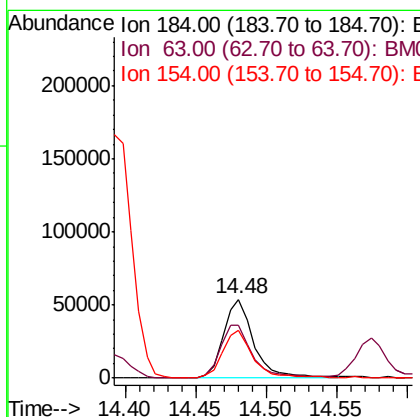
Manual Integrations
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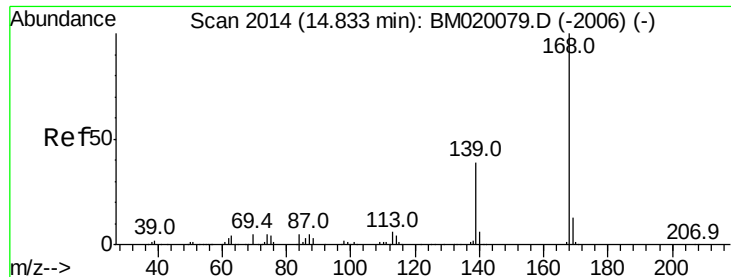
Sohil
5/24/2019 5:01:38 PM



#54
2,4-Dinitrophenol
Concen: 77.880 ng
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.7	68.9	103.3#
154	60.2	54.4	81.6





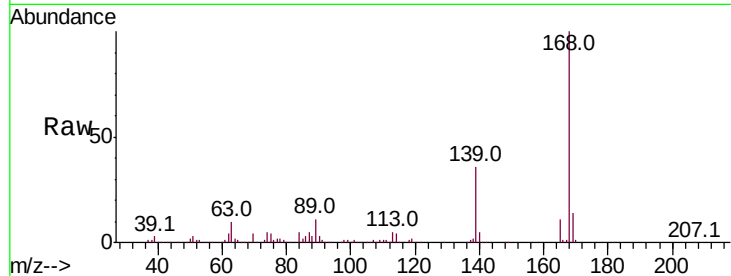
#55
Dibenzofuran
Concen: 36.333 ng
RT: 14.73 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.8	31.1	46.7
169	13.5	10.6	16.0

Manual Integrations
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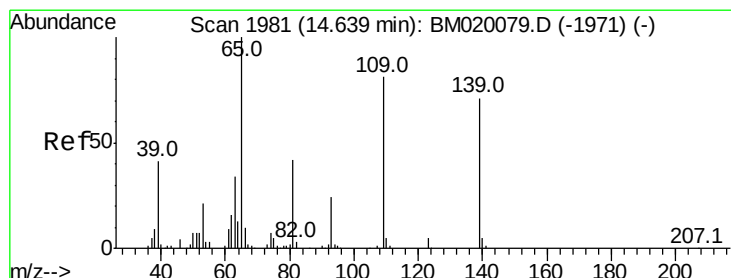
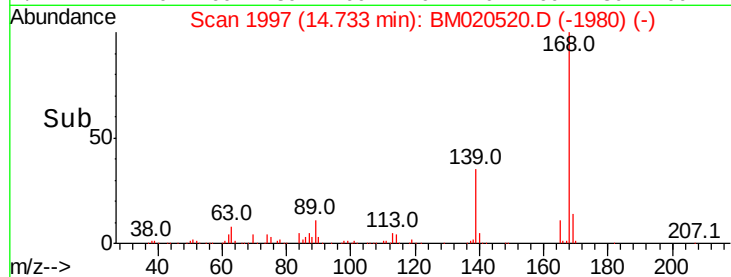
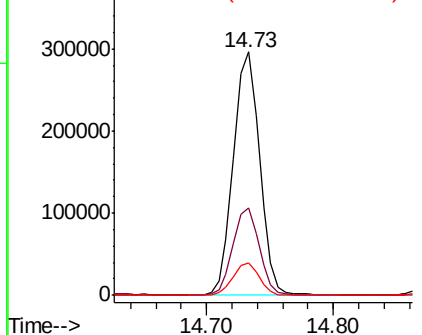


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 62.897 ng
RT: 14.57 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

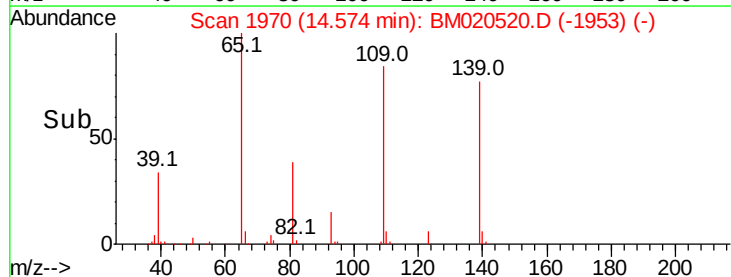
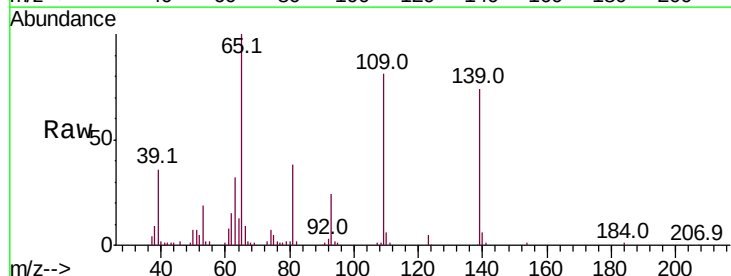
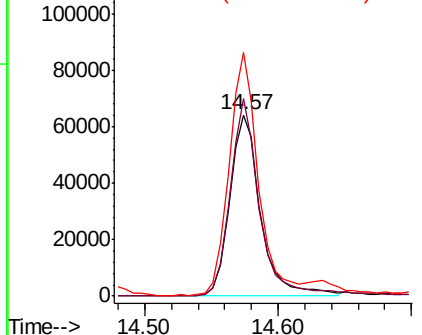
Tgt Ion	Ratio	Lower	Upper
139	100		
109	109.0	94.1	134.1
65	134.4	120.9	160.9

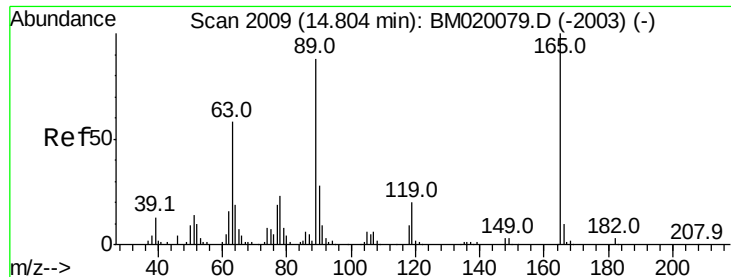
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





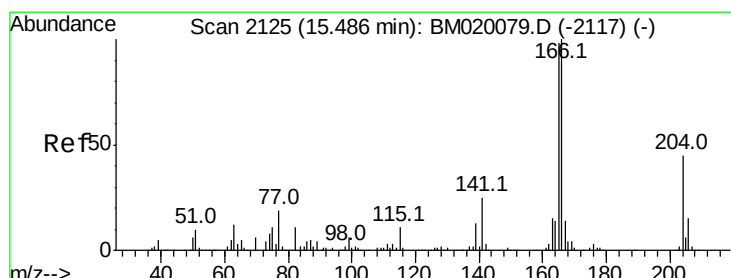
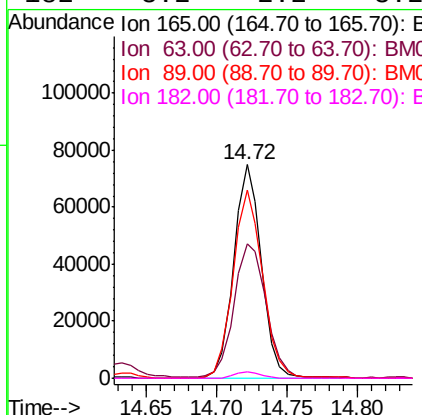
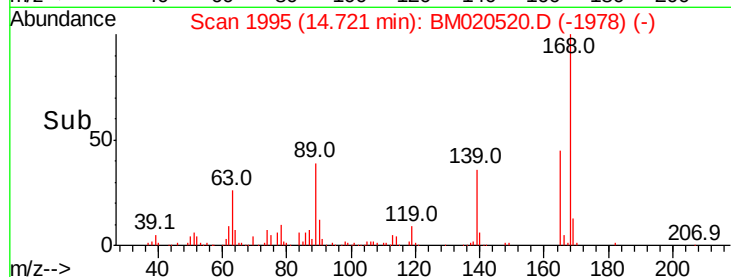
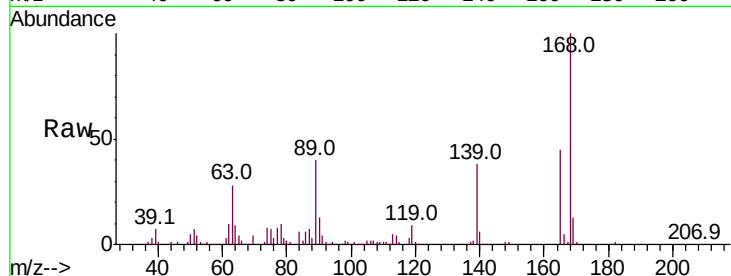
#57
 2,4-Dinitrotoluene
 Concen: 36.167 ng
 RT: 14.72 min Scan# 1995
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.8	46.2	69.2
89	88.2	70.6	105.8
182	3.2	2.2	3.2

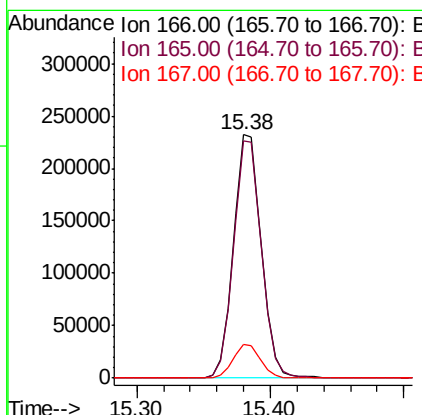
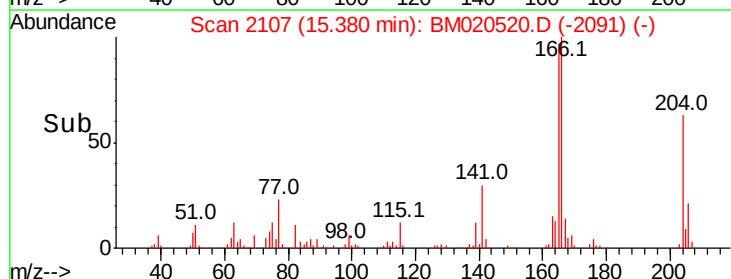
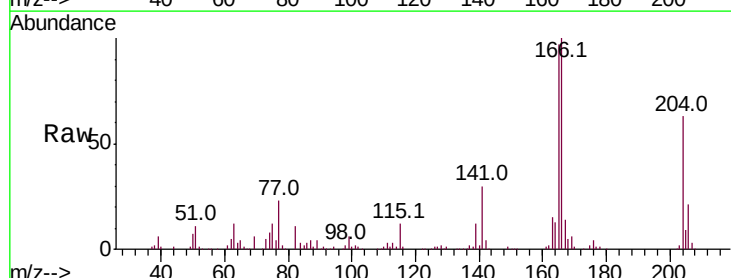
Manual Integrations
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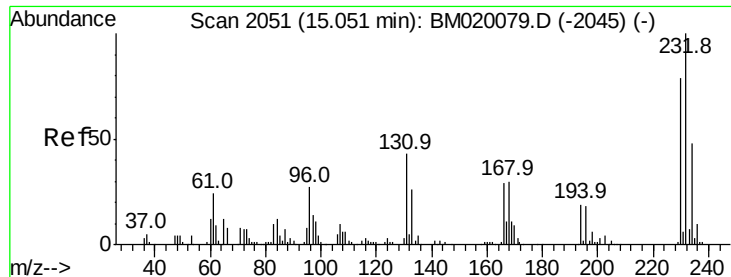
Sohil
 5/24/2019 5:01:38 PM



#58
 Fluorene
 Concen: 34.846 ng
 RT: 15.38 min Scan# 2107
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.2	117.2
167	13.8	11.0	16.4





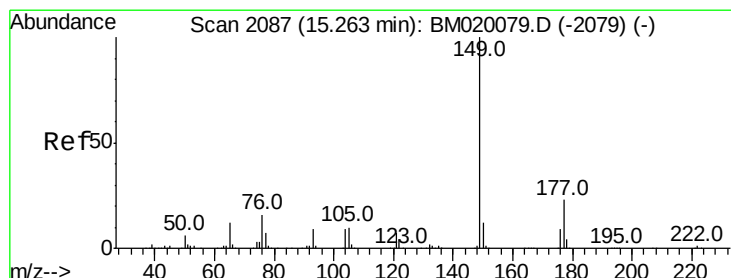
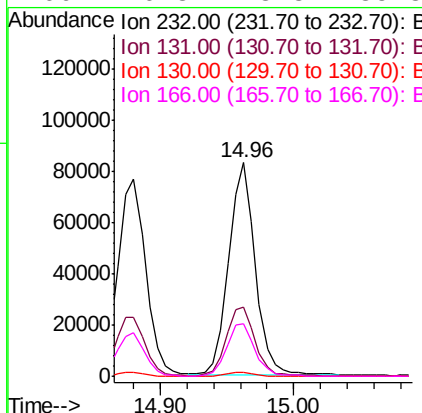
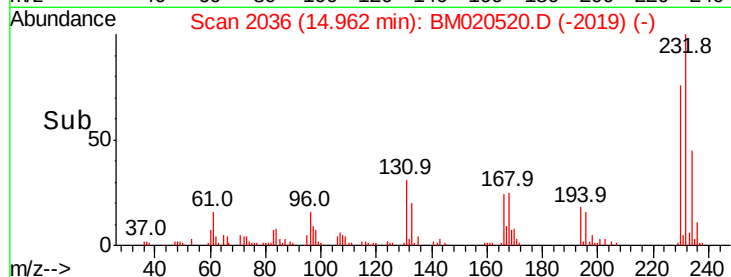
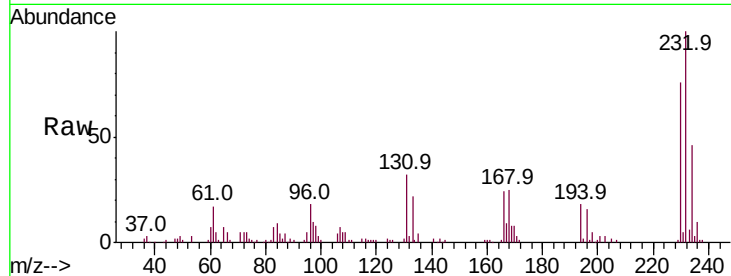
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.223 ng
 RT: 14.96 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	115292		
131	35.6		34.2	51.4
130	1.8		2.0	3.0
166	26.3		23.8	35.8

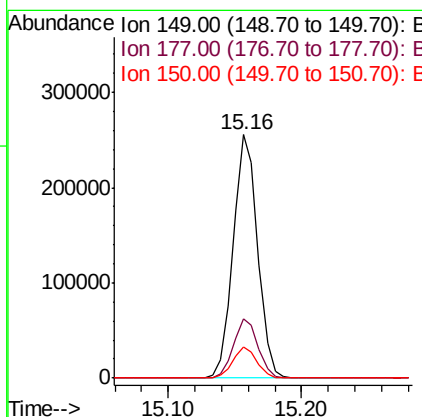
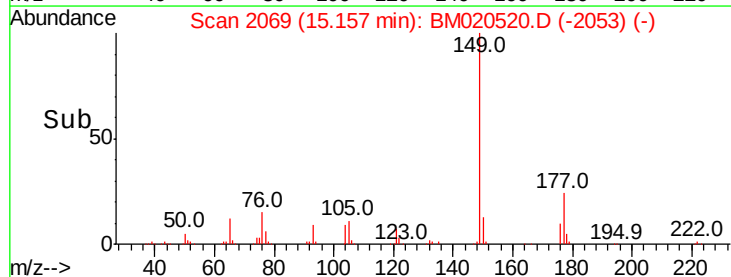
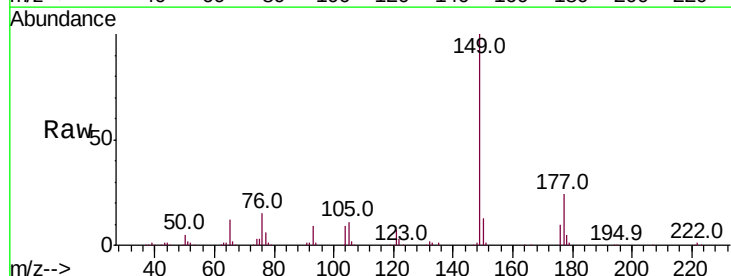
Manual Integrations
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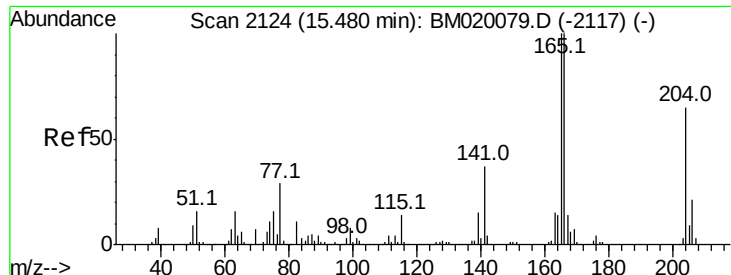
Sohil
 5/24/2019 5:01:38 PM



#60
 Diethylphthalate
 Concen: 32.997 ng
 RT: 15.16 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	326846		
177	24.4		18.2	27.4
150	12.6		9.9	14.9





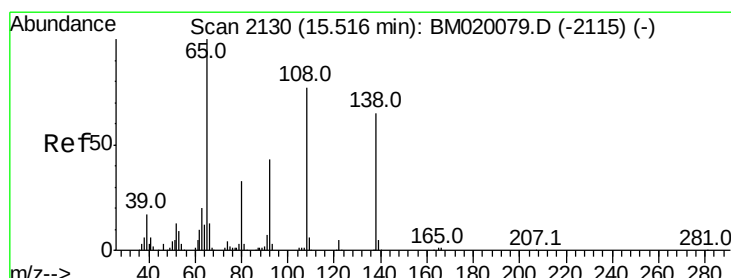
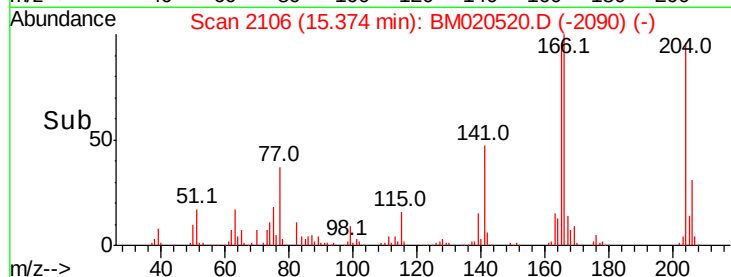
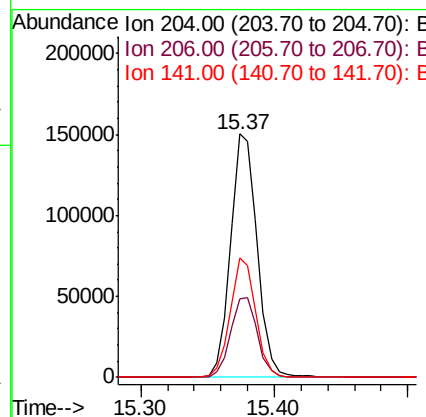
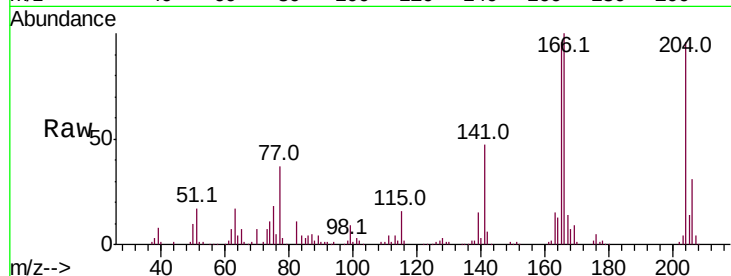
#61
 4-Chlorophenyl-phenylether
 Concen: 38.320 ng
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	209849		
206	32.1		25.6	38.4
141	49.3		46.1	69.1

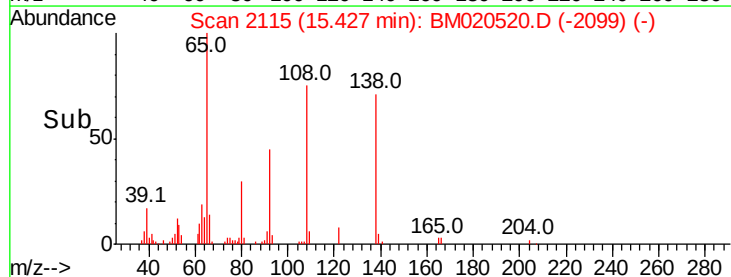
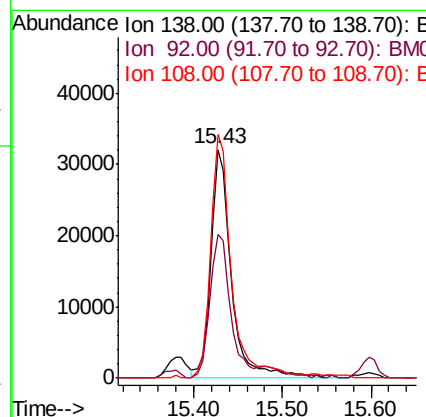
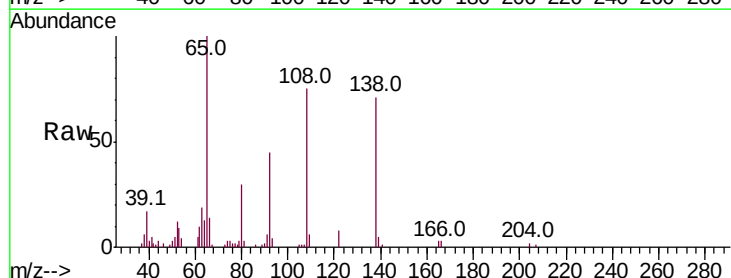
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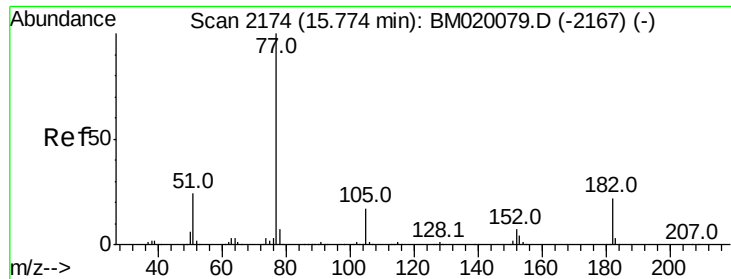
Sohil
 5/24/2019 5:01:38 PM



#62
 4-Nitroaniline
 Concen: 24.765 ng m
 RT: 15.43 min Scan# 2115
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	52527		
92	63.0		45.9	85.9
108	106.6		97.7	137.7





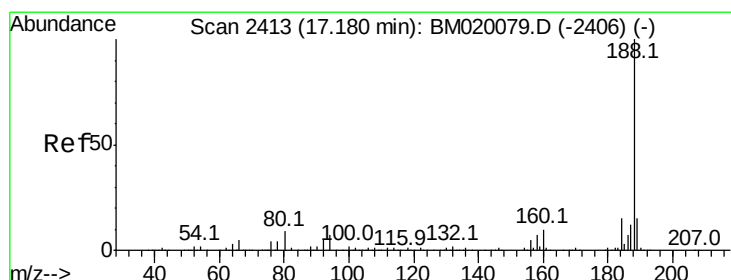
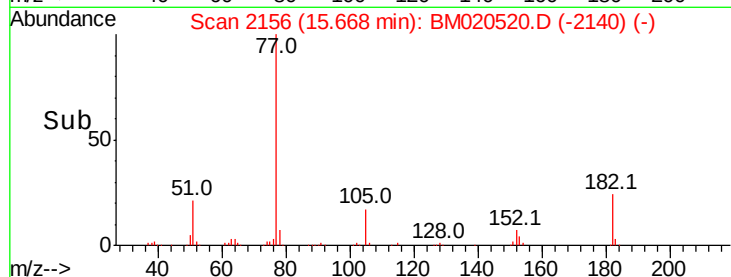
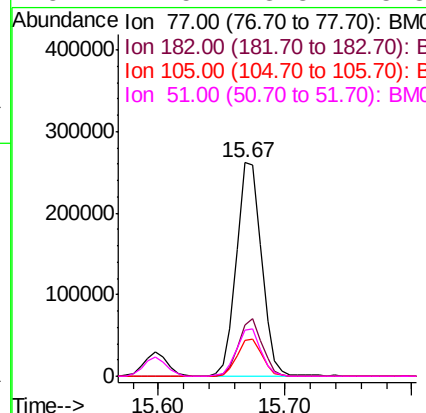
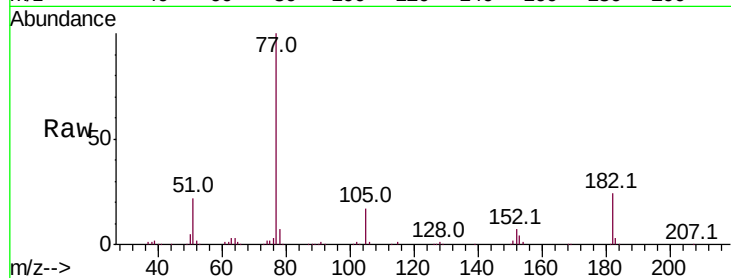
#63
Azobenzene
Concen: 30.492 ng
RT: 15.67 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	24.0	2.1	42.1		
105	17.0	0.0	36.8		
51	21.5	3.8	43.8		

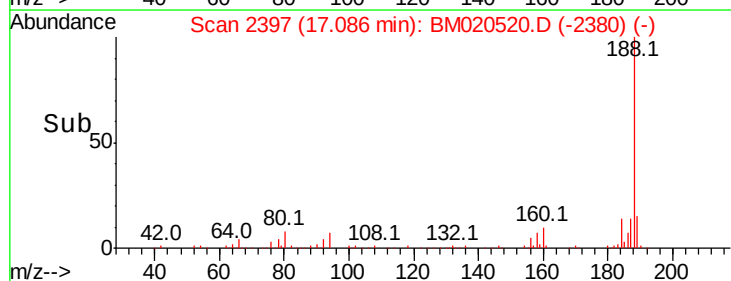
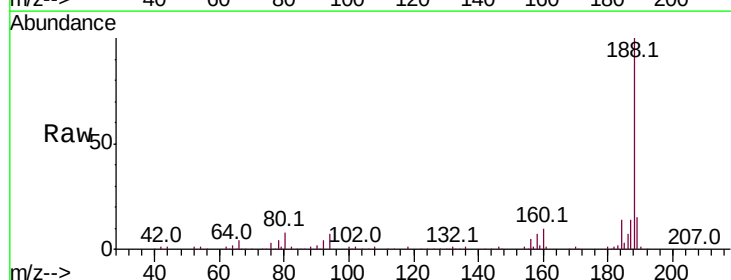
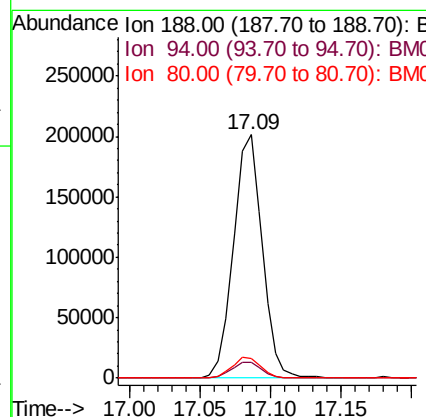
Manual Integrations
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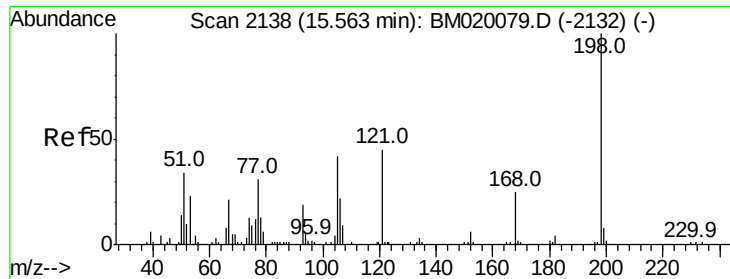
Sohil
5/24/2019 5:01:38 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.6	5.8	8.6		
80	8.1	7.4	11.2		





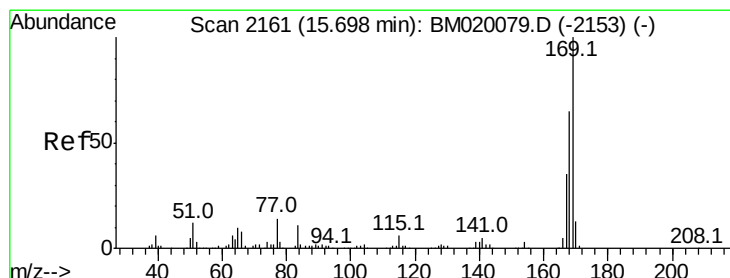
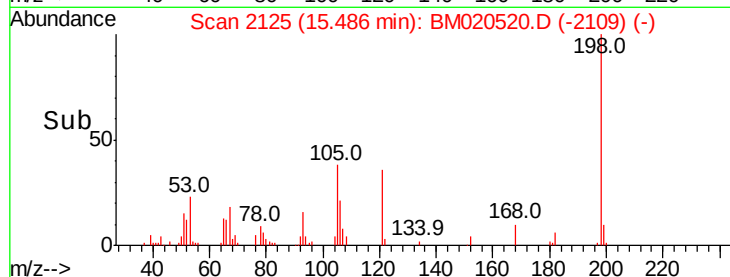
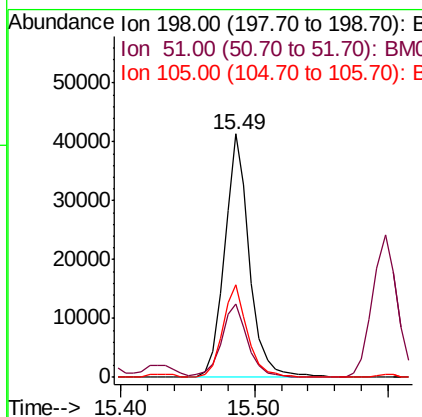
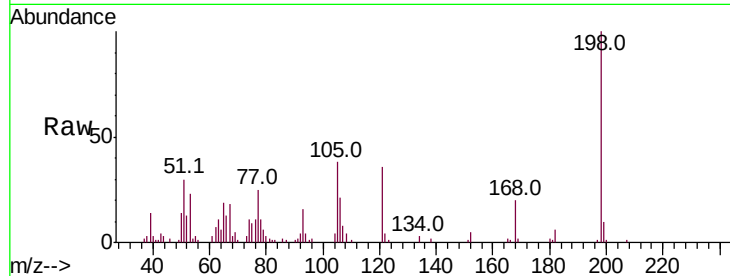
#65
4,6-Dinitro-2-methylphenol
Concen: 38.787 ng
RT: 15.49 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampled :
PB119565BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	30.4	16.5	56.5
105	38.1	22.8	62.8

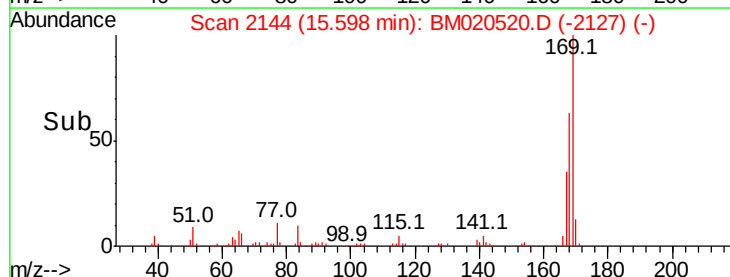
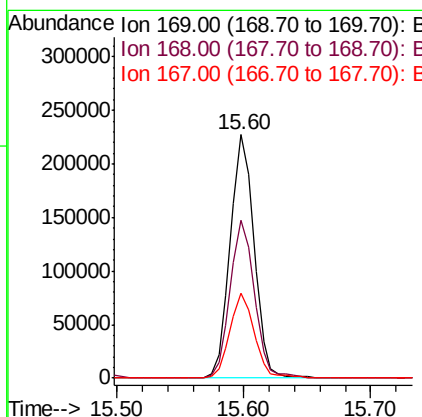
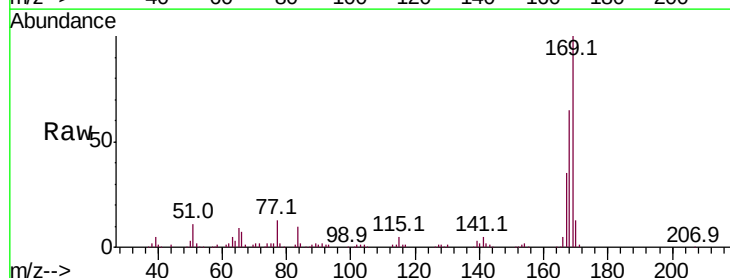
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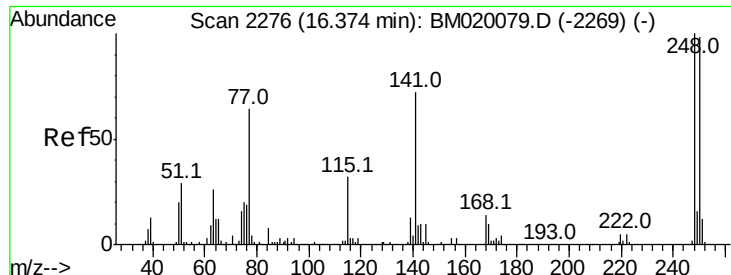
Sohil
5/24/2019 5:01:38 PM



#66
n-Nitrosodiphenylamine
Concen: 35.183 ng
RT: 15.60 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.7	51.9	77.9
167	35.0	27.8	41.6





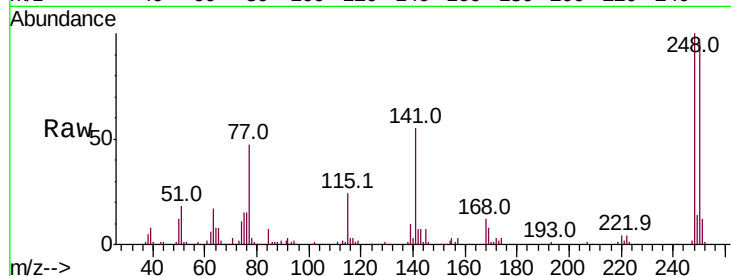
#67
 4-Bromophenyl-phenylether
 Concen: 38.063 ng
 RT: 16.27 min Scan# 2259
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampled :
 PB119565BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.4	117.6
141	55.4	57.4	86.2#

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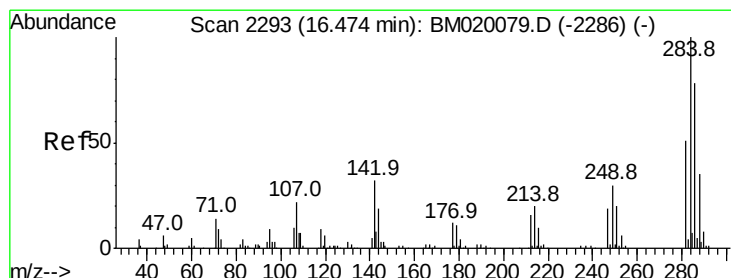
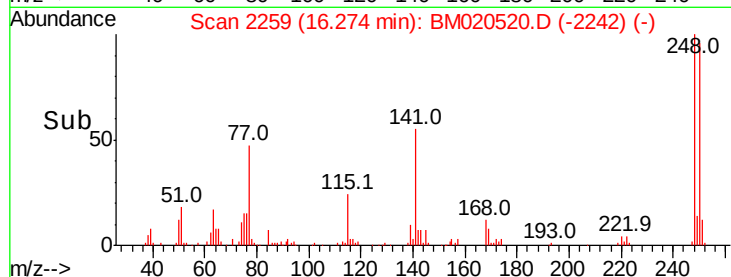
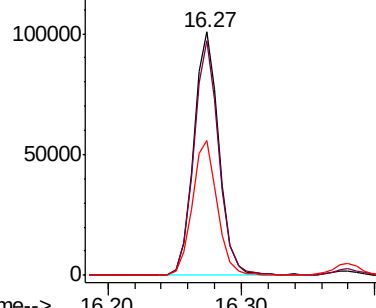


Abundance

Ion 248.00 (247.70 to 248.70): E

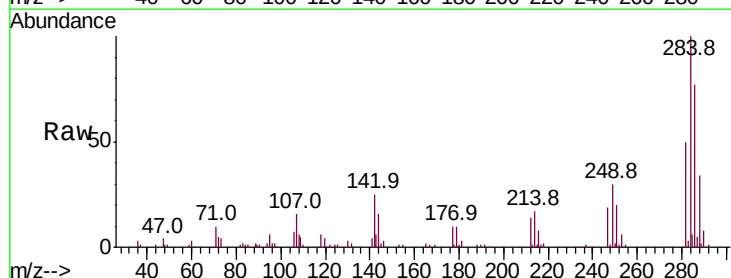
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 38.950 ng
 RT: 16.38 min Scan# 2277
 Delta R.T. 0.00 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.1	25.2	37.8#
249	30.4	23.6	35.4

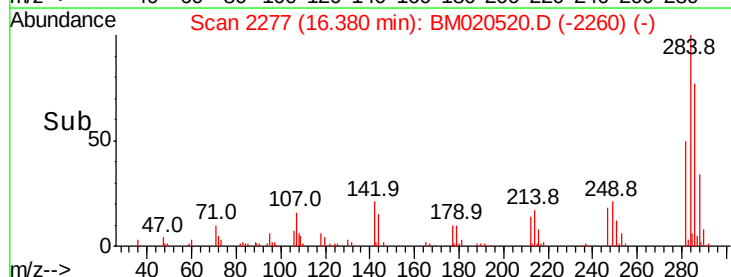
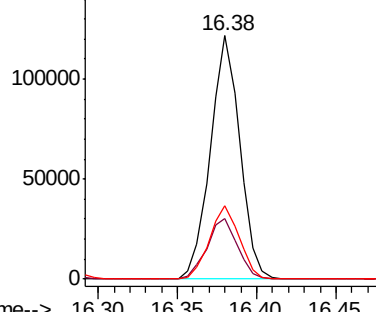


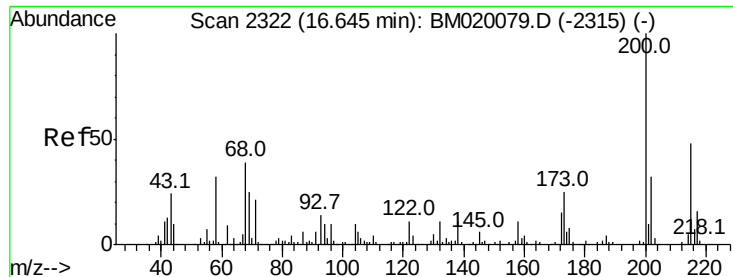
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





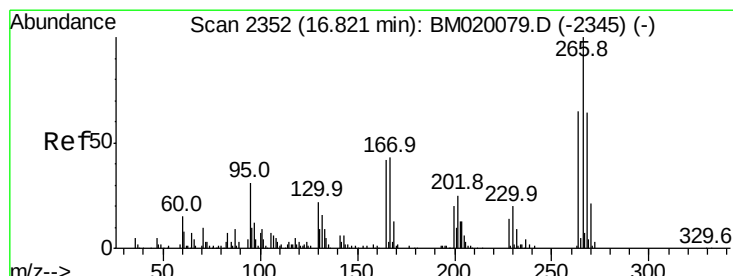
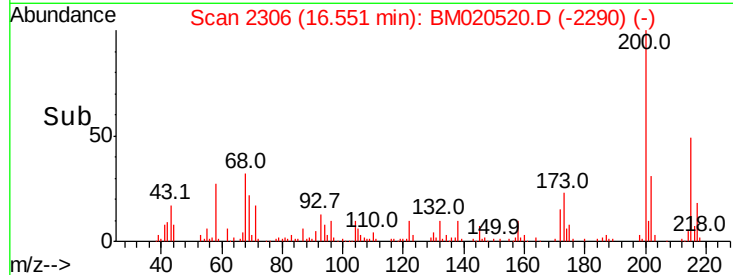
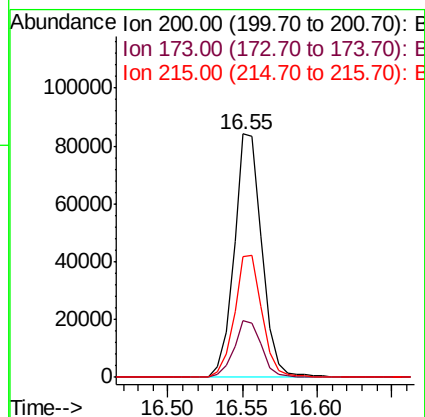
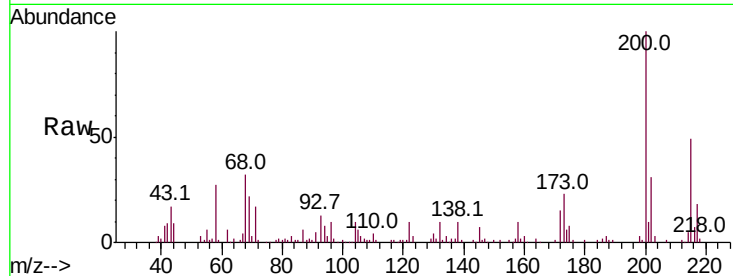
#69
Atrazine
Concen: 33.192 ng
RT: 16.55 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampled :
PB119565BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.1	4.6	44.6	
215	49.4	28.0	68.0	

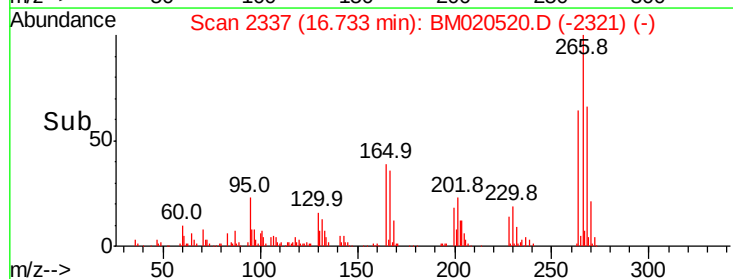
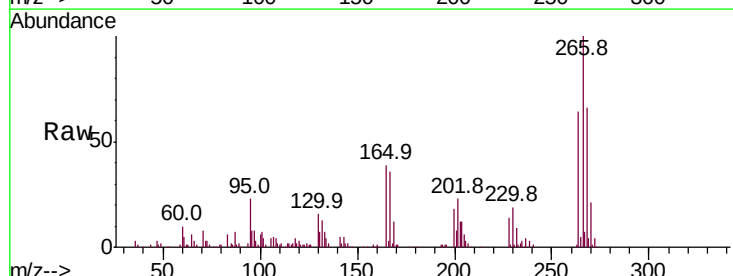
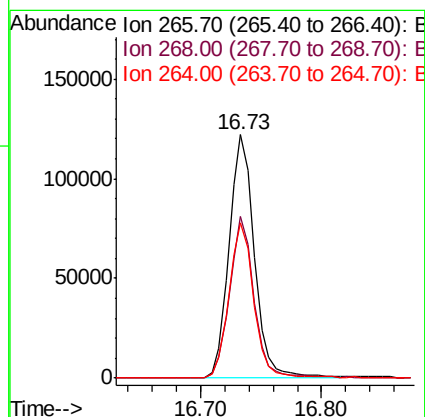
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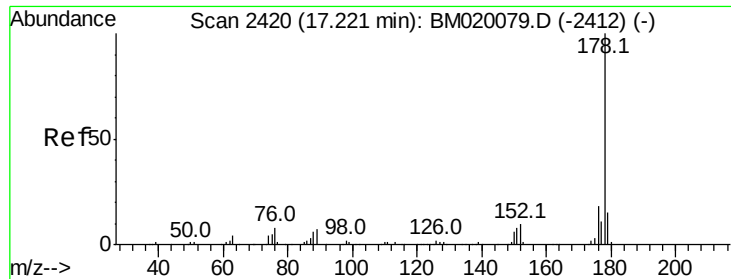
Sohil
5/24/2019 5:01:38 PM



#70
Pentachlorophenol
Concen: 77.340 ng
RT: 16.73 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	66.3	51.4	77.0	
264	63.6	52.0	78.0	





#71

Phenanthrene

Concen: 35.377 ng

RT: 17.13 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

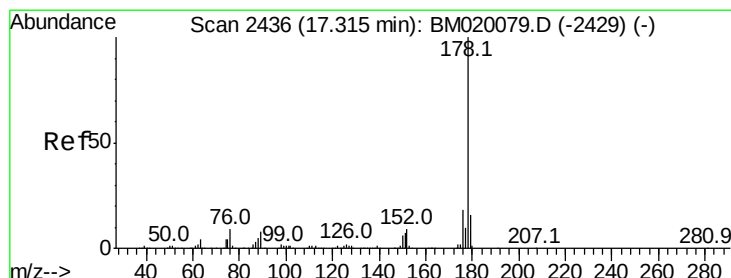
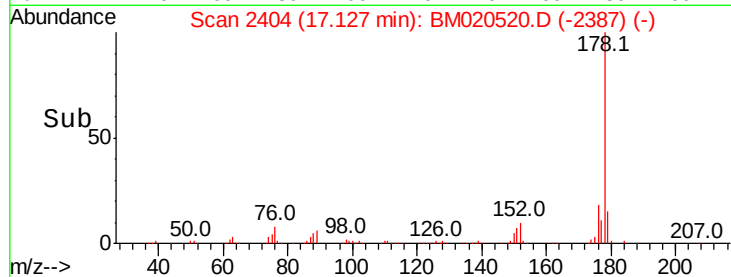
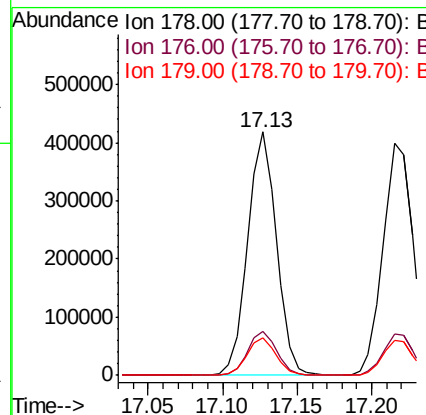
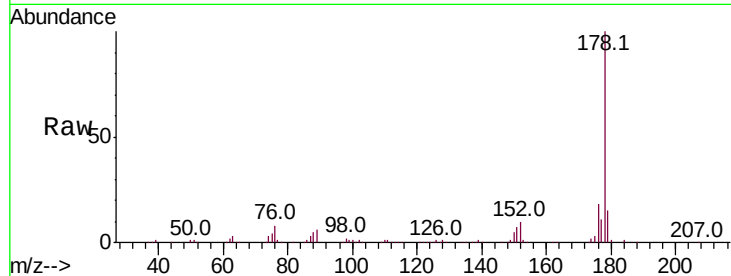
ClientSampleId :

PB119565BS

Tot Ion:178	Resp:	558649
Ion Ratio	Lower	Upper
178	100	
176	17.9	14.6 21.8
179	15.5	12.4 18.6

Manual Integrations
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#72

Anthracene

Concen: 35.367 ng

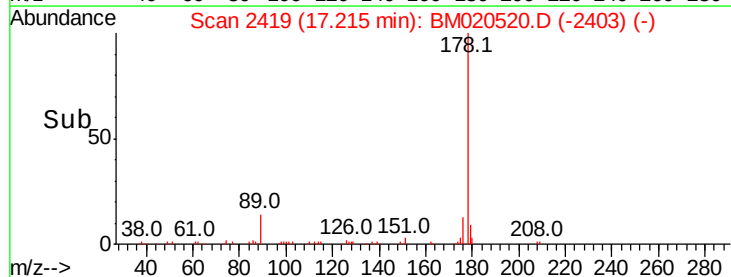
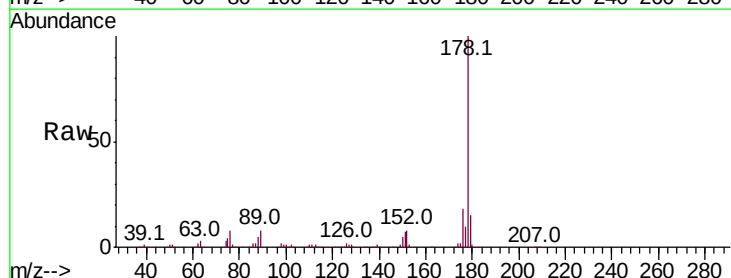
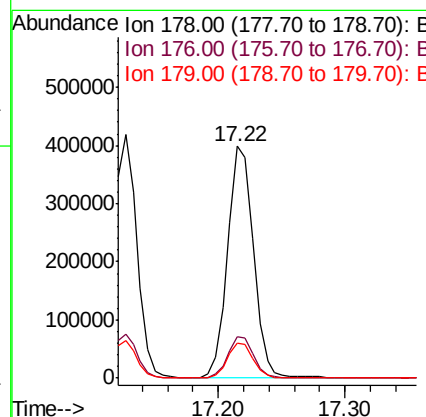
RT: 17.22 min Scan# 2419

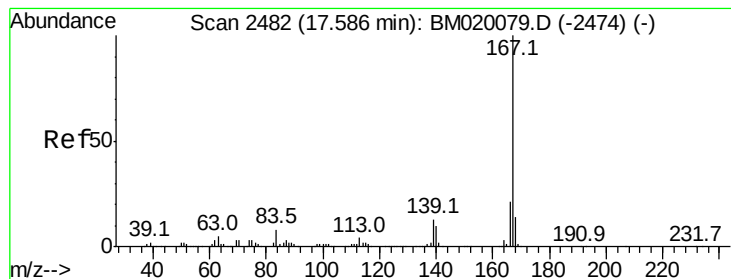
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:178	Resp:	558407
Ion Ratio	Lower	Upper
178	100	
176	17.7	14.6 22.0
179	15.1	12.4 18.6





#73

Carbazole

Concen: 33.018 ng

RT: 17.50 min Scan# 2467

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tot Ion:167 Resp: 470379

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

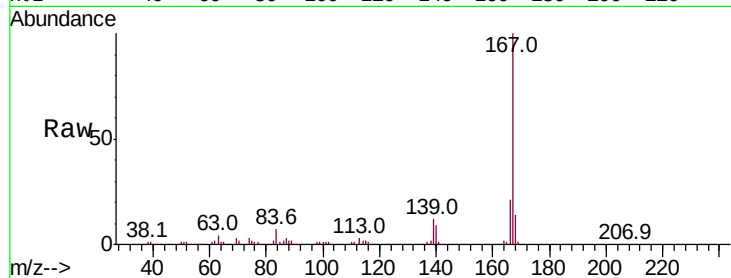
139 11.8 10.6 16.0

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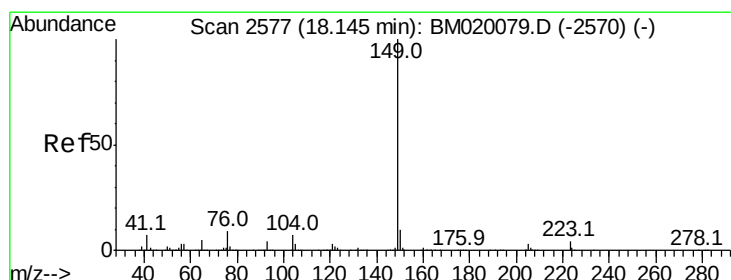
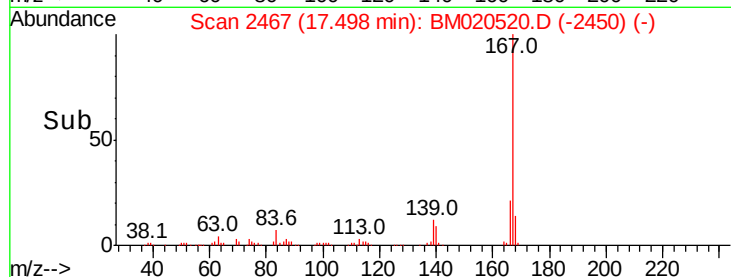
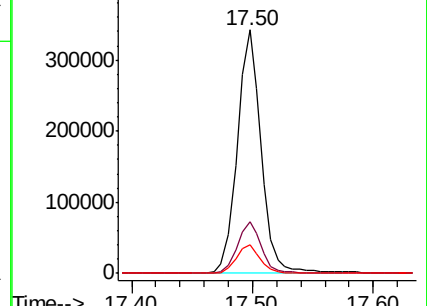
5/24/2019 5:01:38 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 30.607 ng

RT: 18.04 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

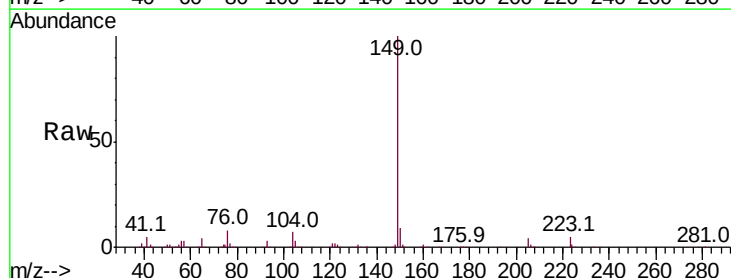
Tgt Ion:149 Resp: 524756

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

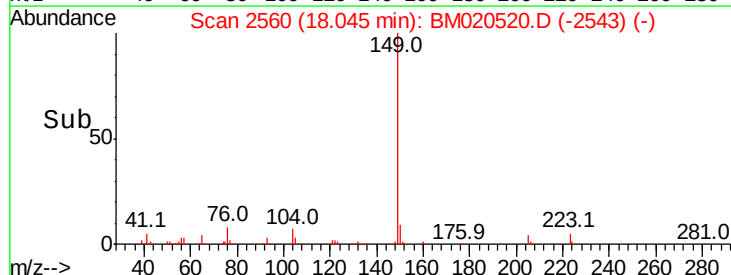
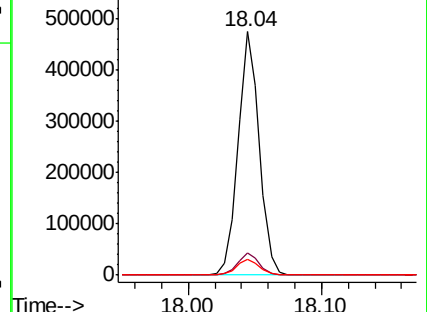
104 6.5 5.7 8.5

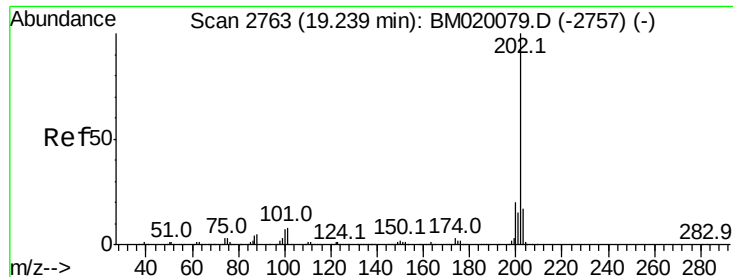


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.894 ng

RT: 19.15 min Scan# 2748

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

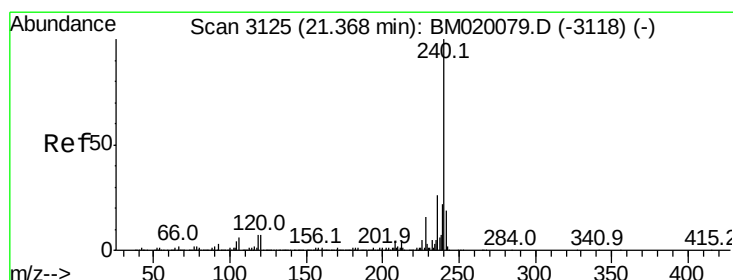
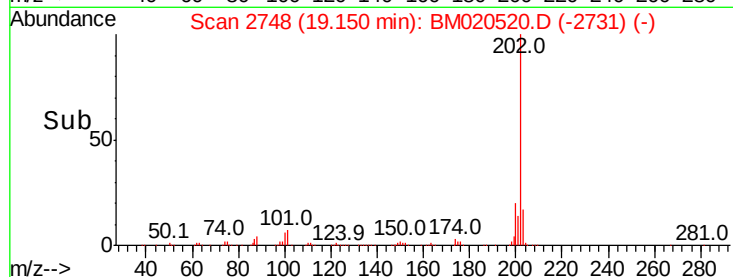
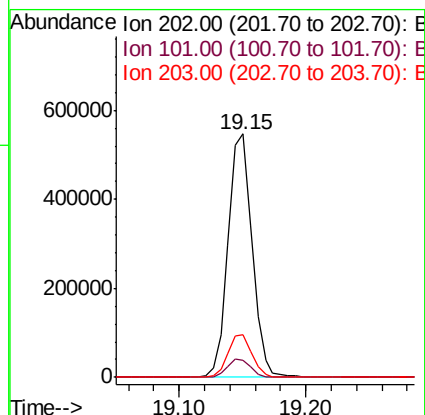
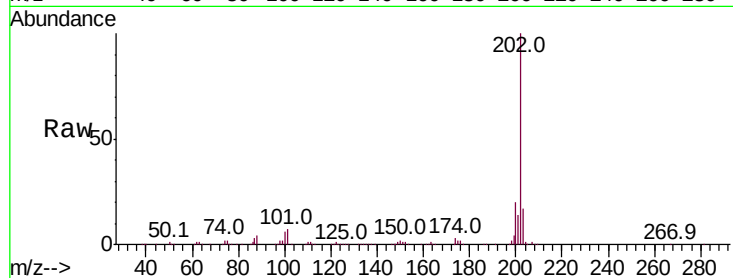
ClientSampleId :

PB119565BS

Tot Ion:	202	Resp:	717169
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	28.4
203	17.4	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

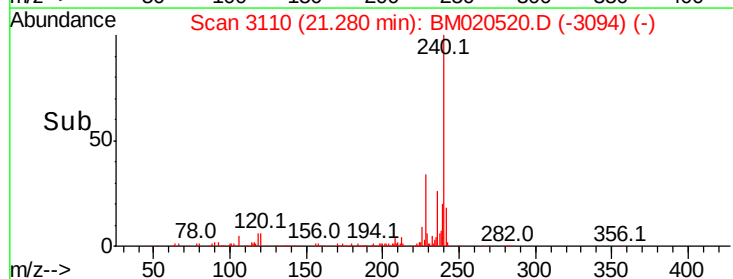
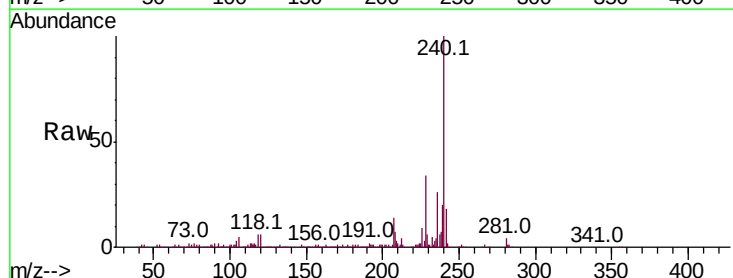
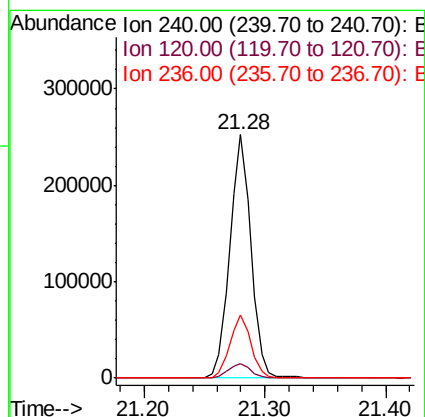
RT: 21.28 min Scan# 3110

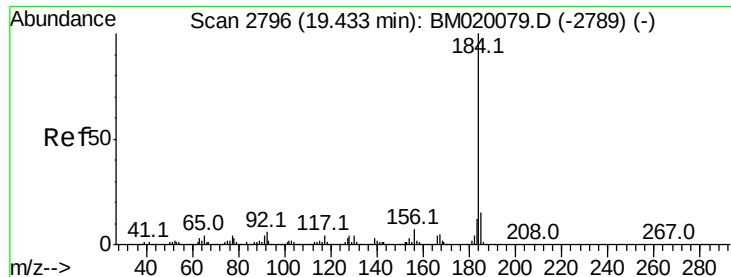
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:	240	Resp:	307511
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.6	8.4
236	25.9	20.9	31.3





#77

Benzidine

Concen: 21.866 ng

RT: 19.35 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

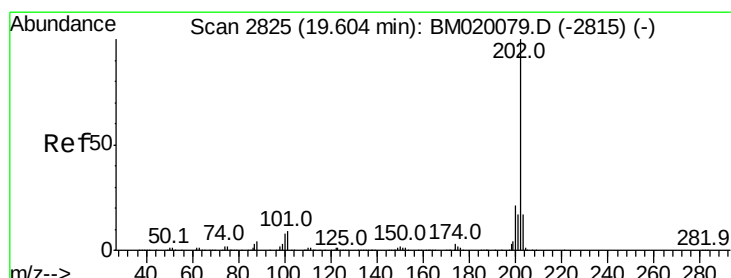
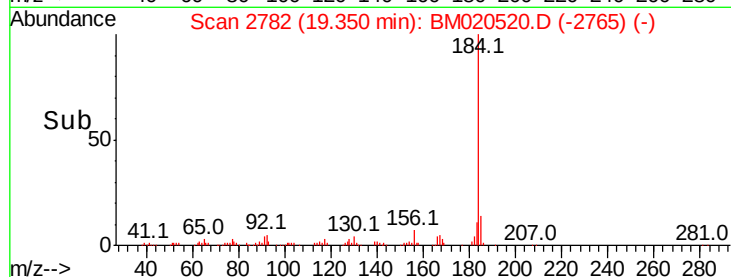
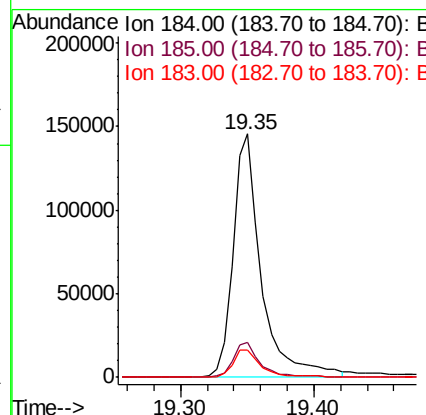
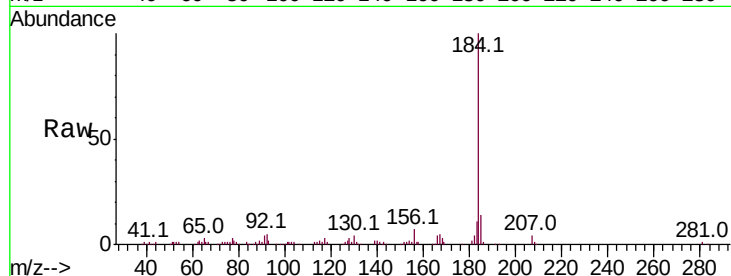
ClientSampleId :

PB119565BS

Tot Ion:	184	Resp:	214975
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.0	9.5	14.3

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#78

Pyrene

Concen: 35.373 ng

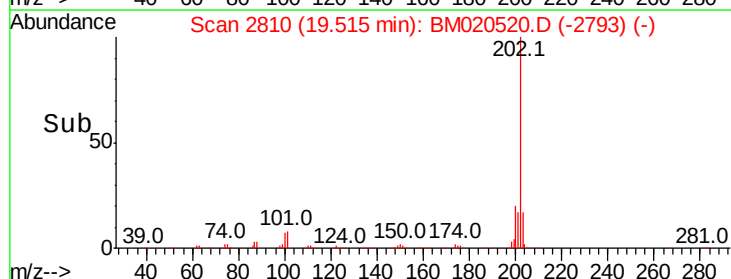
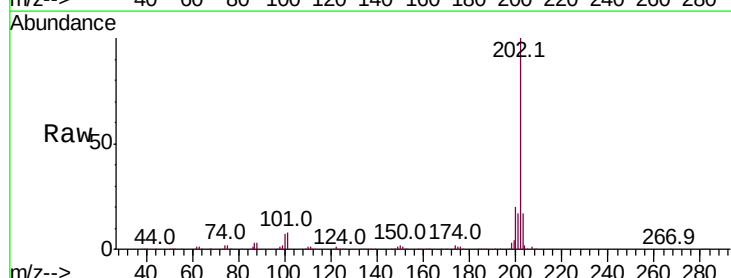
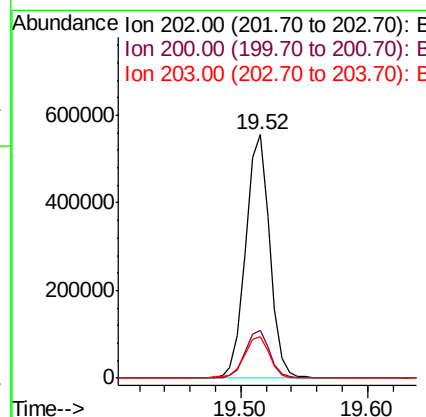
RT: 19.52 min Scan# 2810

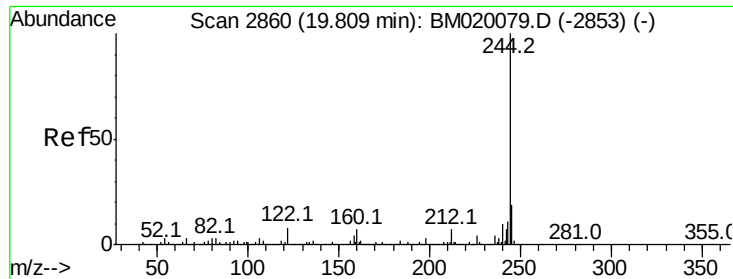
Delta R.T. 0.00 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:	202	Resp:	730302
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.5	24.7
203	17.0	13.9	20.9





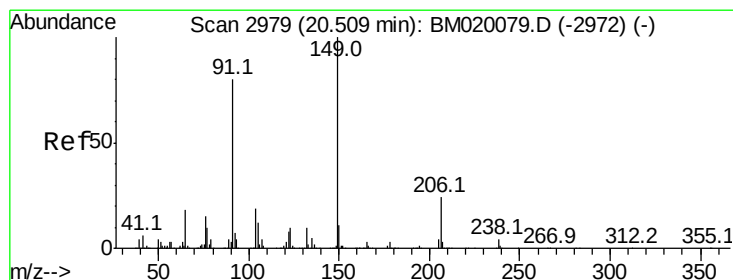
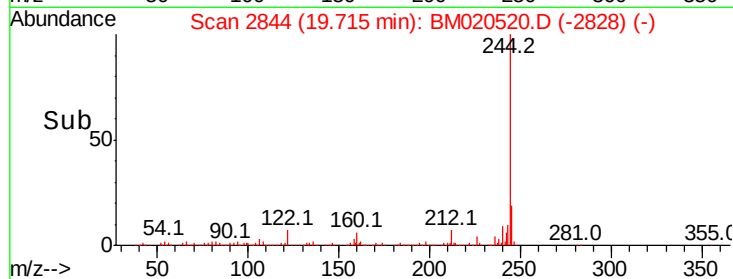
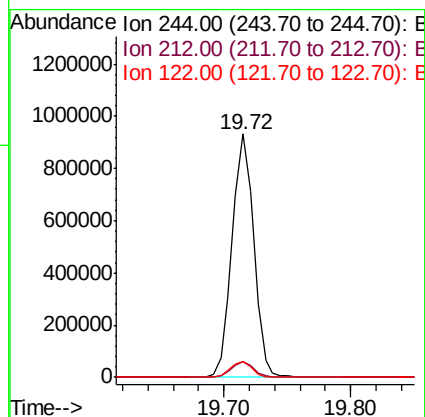
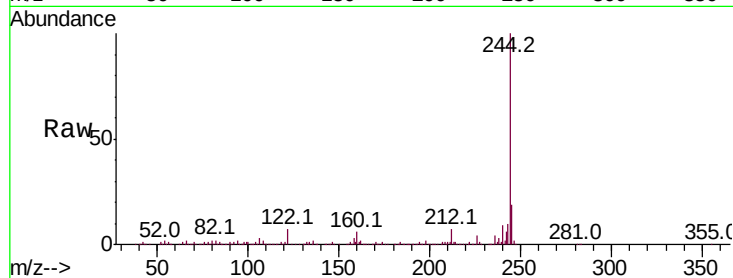
#79
 Terphenyl-d14
 Concen: 62.497 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Instrument :
 BNA_M
 ClientSampleId :
 PB119565BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	6.6	6.2	9.2

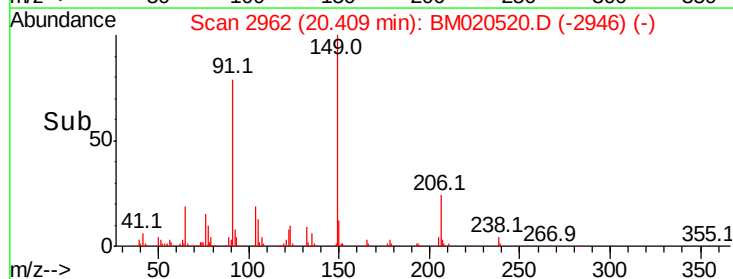
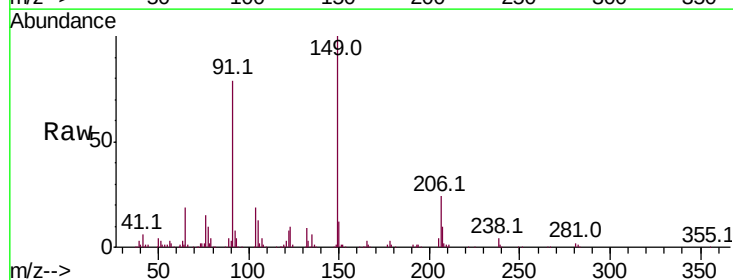
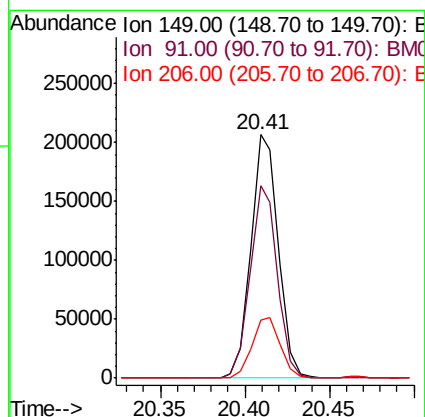
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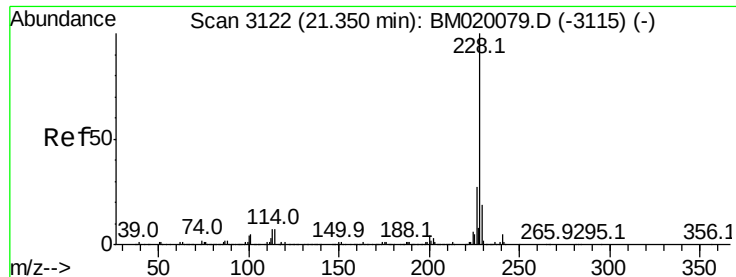
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#80
 Butylbenzylphthalate
 Concen: 31.178 ng
 RT: 20.41 min Scan# 2962
 Delta R.T. -0.01 min
 Lab File: BM020520.D
 Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.3	63.8	95.8
206	23.9	18.9	28.3





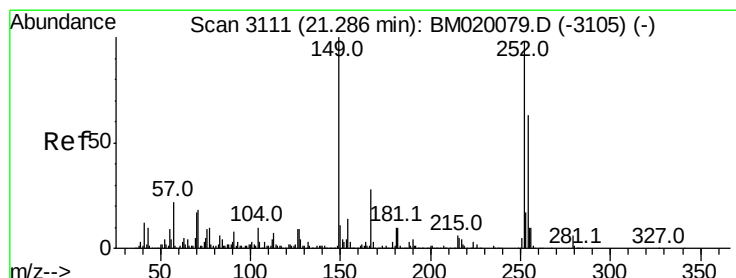
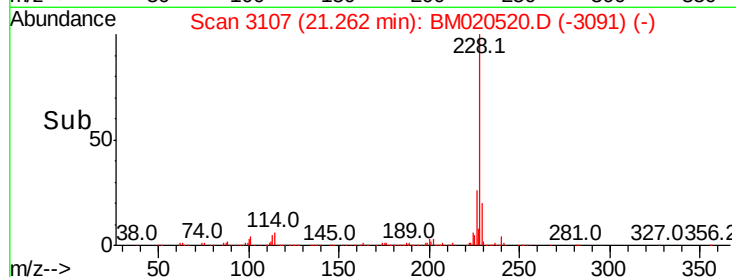
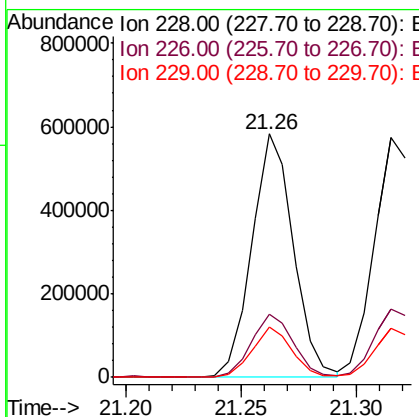
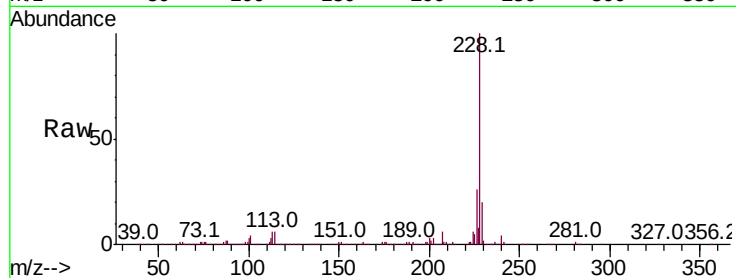
#81
Benzo(a)anthracene
Concen: 33.828 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.3	31.9
229	20.5	15.5	23.3

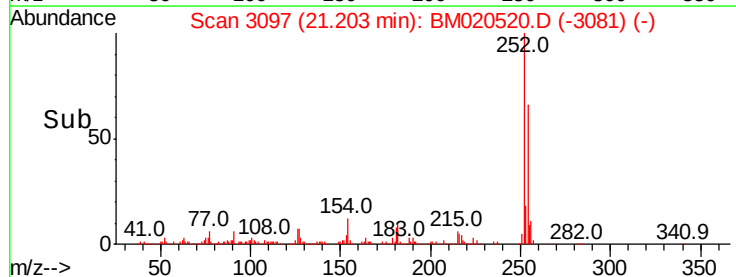
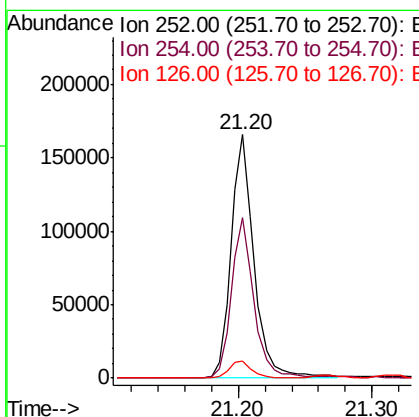
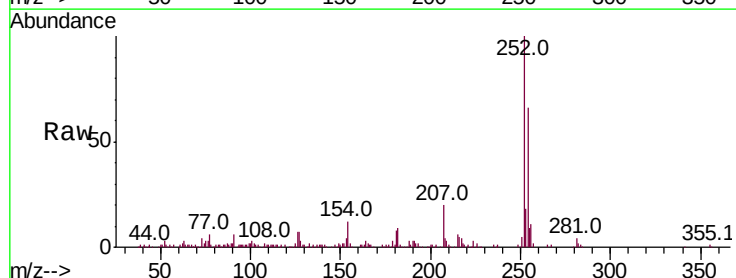
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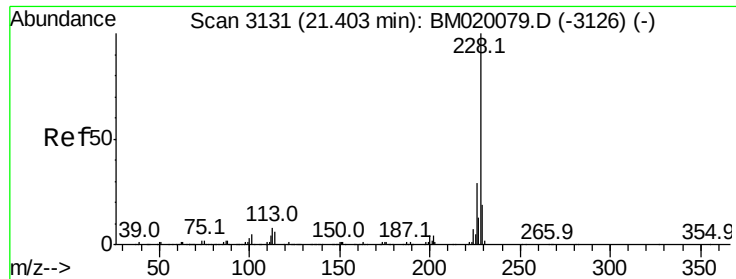
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#82
3,3'-Dichlorobenzidine
Concen: 24.214 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.1	76.7
126	6.9	7.1	10.7#





#83

Chrysene

Concen: 34.890 ng

RT: 21.31 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

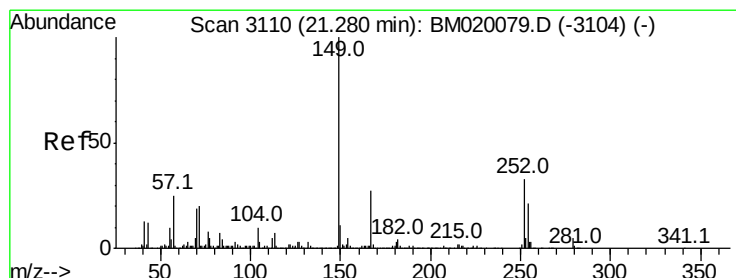
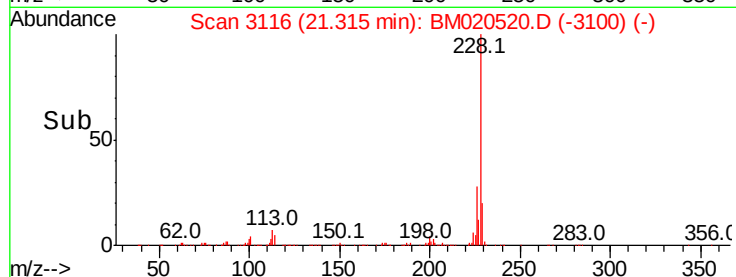
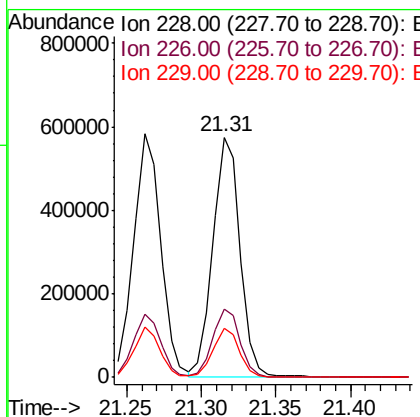
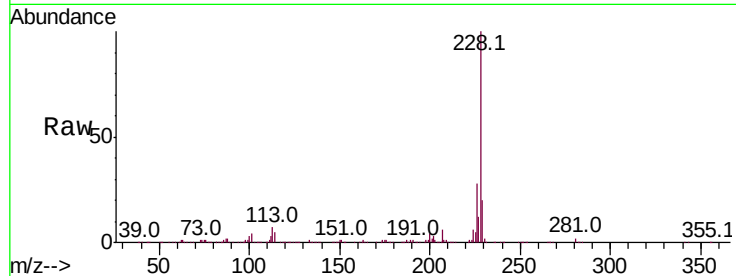
ClientSampleId :

PB119565BS

Tot Ion:	228	Resp:	729719
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.0	34.6
229	20.3	15.5	23.3

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#84

Bis(2-ethylhexyl)phthalate

Concen: 30.308 ng

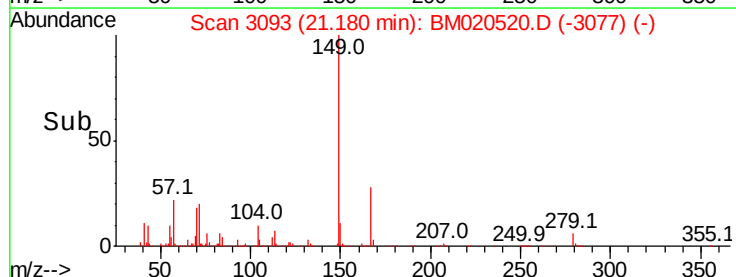
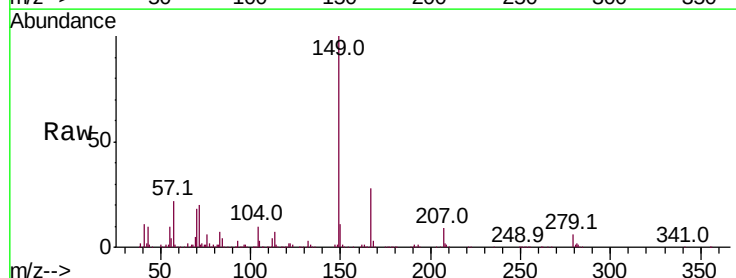
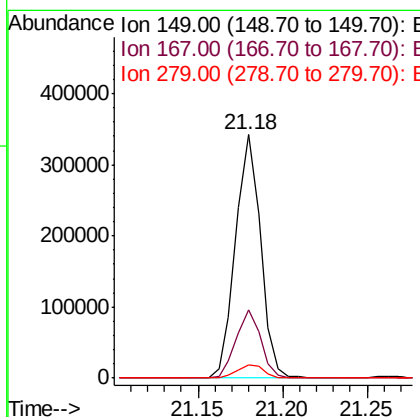
RT: 21.18 min Scan# 3093

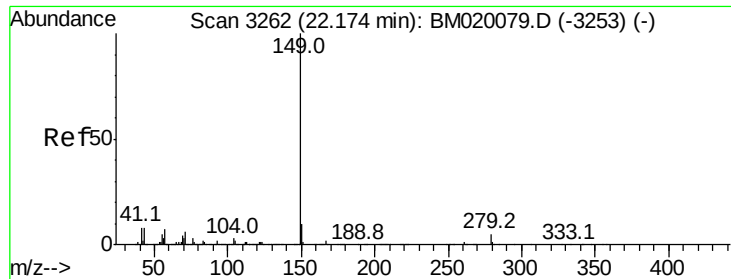
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:	149	Resp:	353096
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.8	32.8
279	5.7	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 32.483 ng

RT: 22.06 min Scan# 3242

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

ClientSampleId :

PB119565BS

Tot Ion:149 Resp: 628992
Ion Ratio Lower Upper

149 100

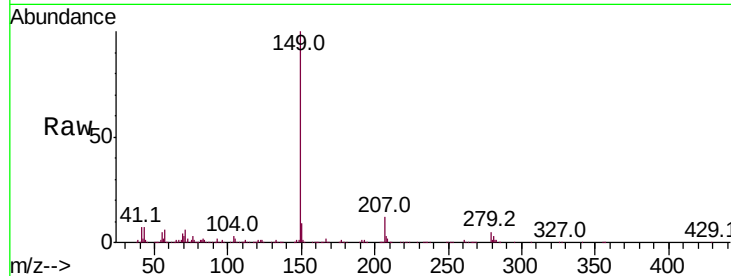
167 1.9 1.3 1.9#

43 6.3 6.5 9.7#

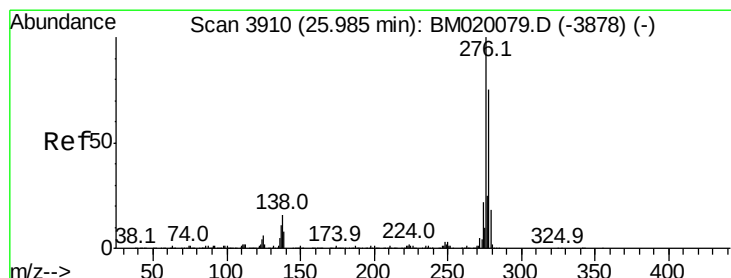
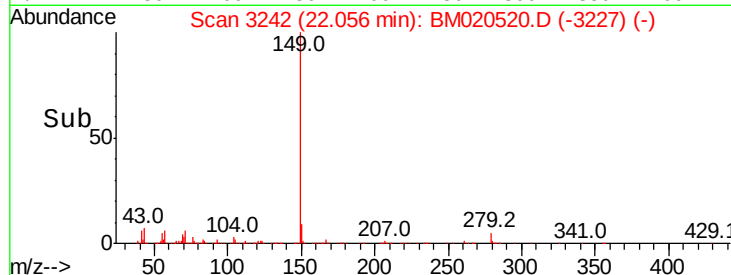
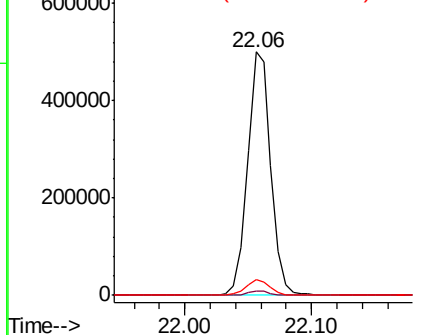
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.998 ng

RT: 25.81 min Scan# 3880

Delta R.T. -0.01 min

Lab File: BM020520.D

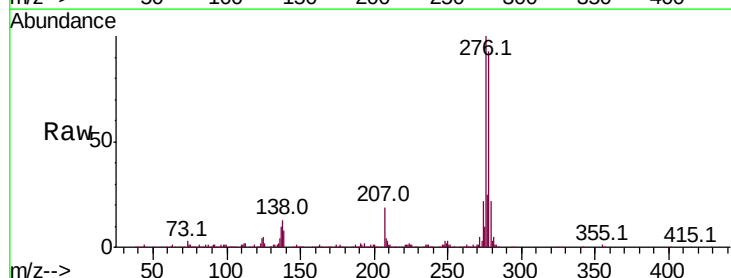
Acq: 23 May 2019 17:44

Tgt Ion:276 Resp: 995058
Ion Ratio Lower Upper

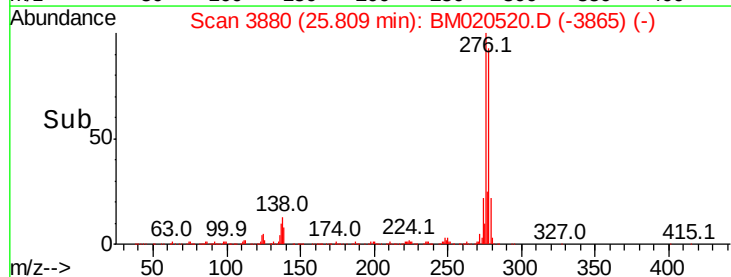
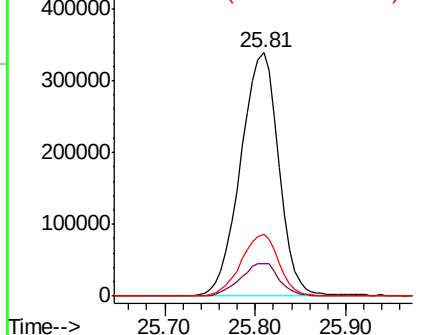
276 100

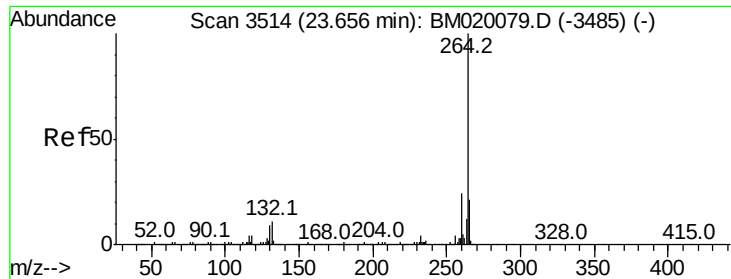
138 13.7 0.0 0.0#

277 25.4 0.0 0.0#



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3492

Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Instrument :

BNA_M

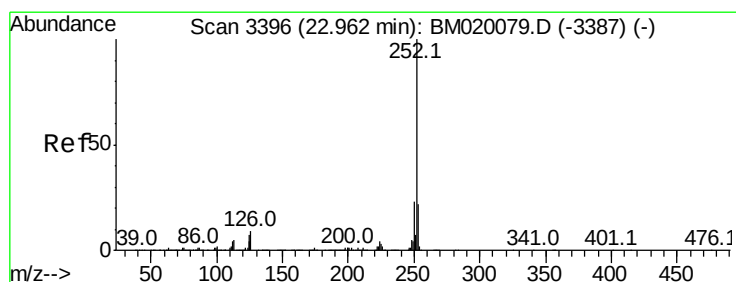
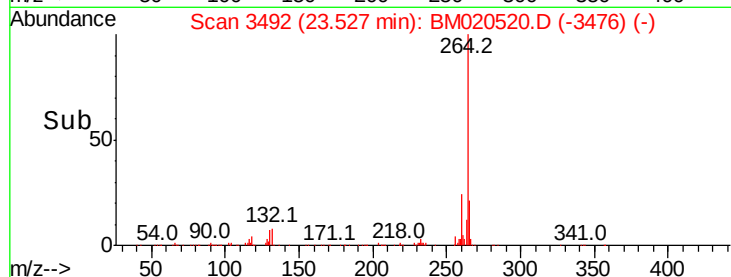
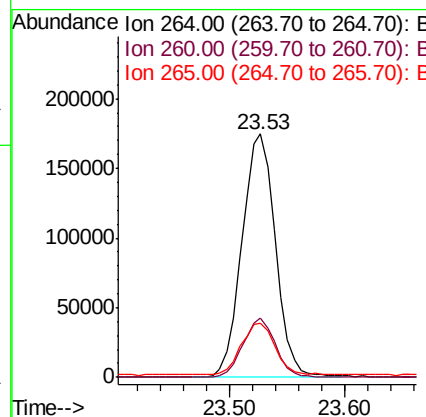
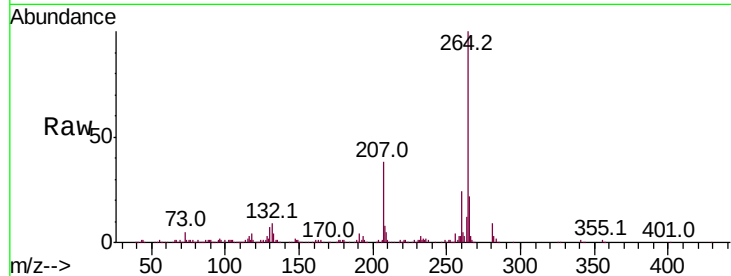
ClientSampleId :

PB119565BS

Tot Ion:	264	Resp:	351888
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.2	28.8
265	22.0	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 35.793 ng m

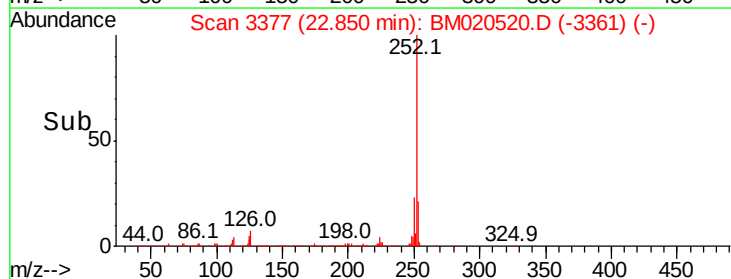
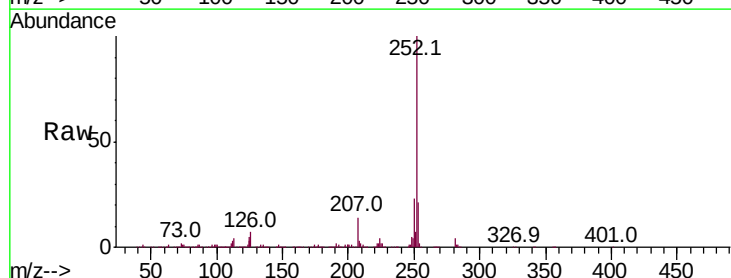
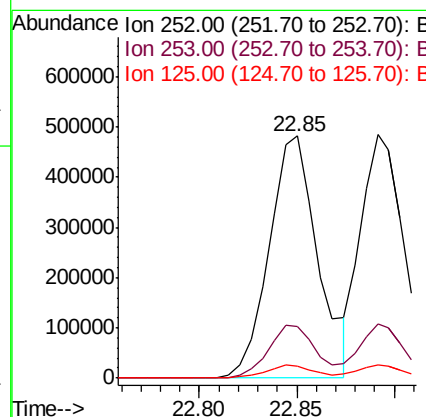
RT: 22.85 min Scan# 3377

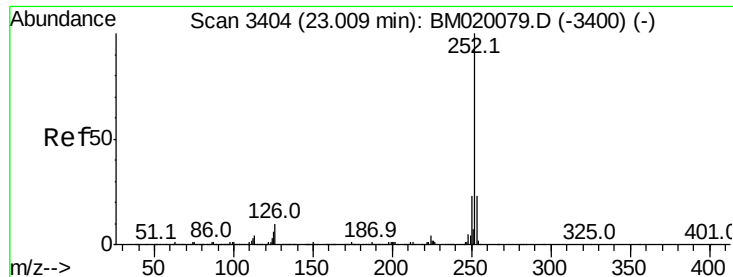
Delta R.T. -0.01 min

Lab File: BM020520.D

Acq: 23 May 2019 17:44

Tgt Ion:	252	Resp:	831725
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.5	26.3
125	5.0	5.4	8.2#





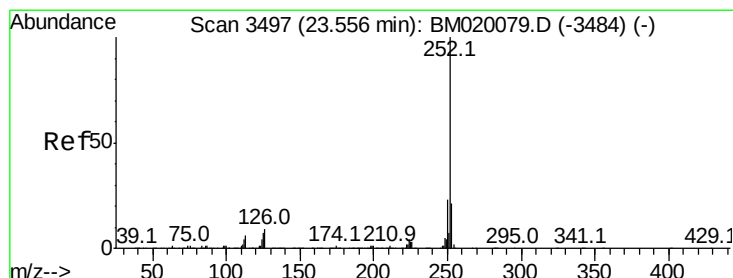
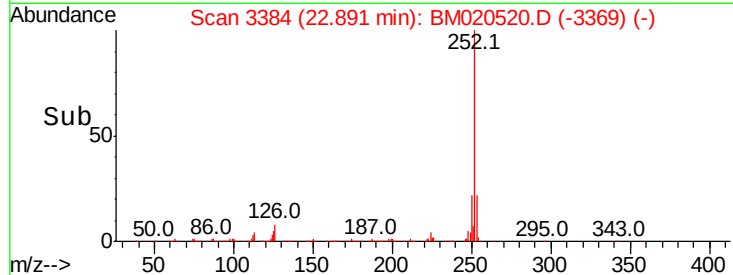
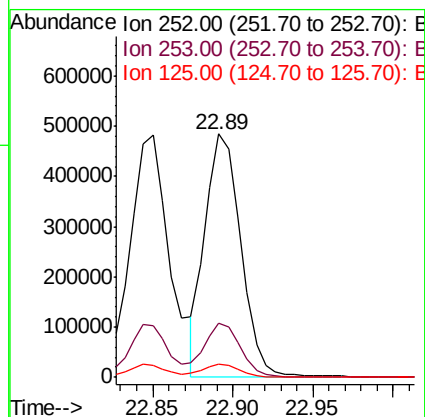
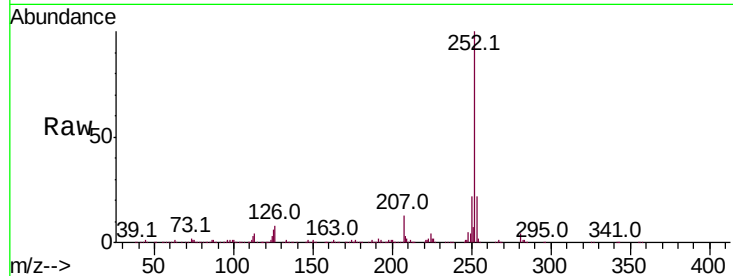
#89
Benzo(k)fluoranthene
Concen: 35.883 ng m
RT: 22.89 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion:	252	Resp:	760597
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.8
125	5.5	5.4	8.0

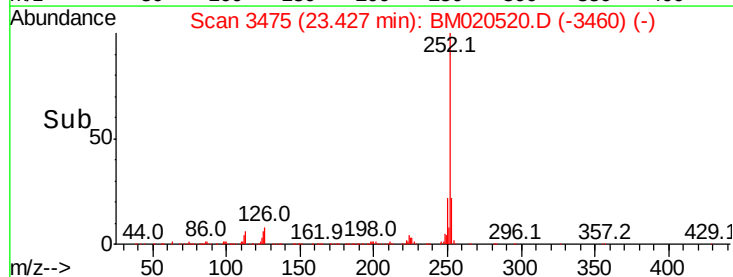
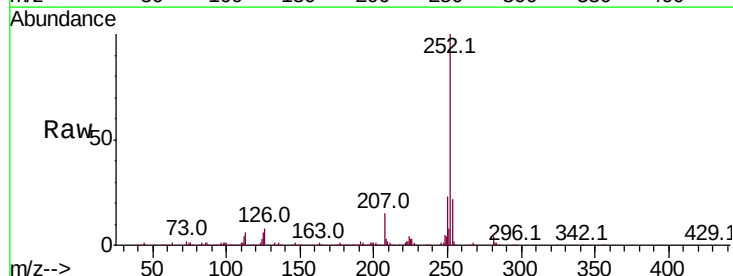
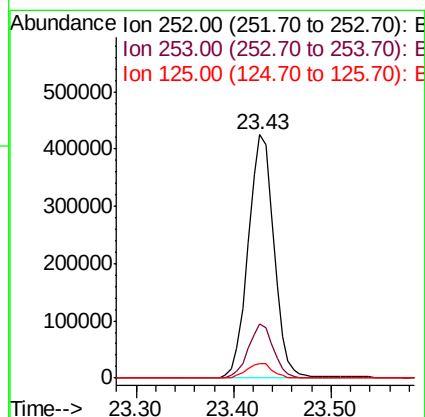
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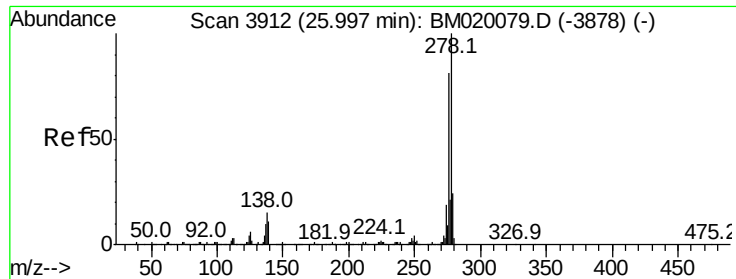
Sohil
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#90
Benzo(a)pyrene
Concen: 36.960 ng
RT: 23.43 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion:	252	Resp:	780109
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	6.2	5.5	8.3





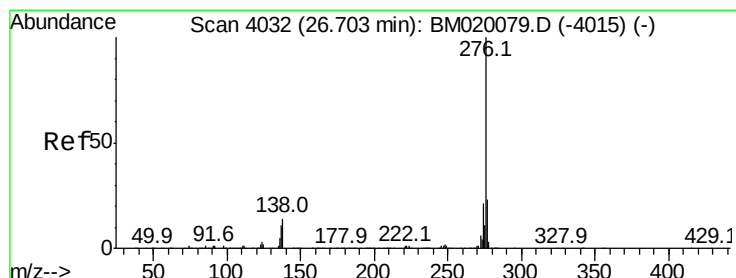
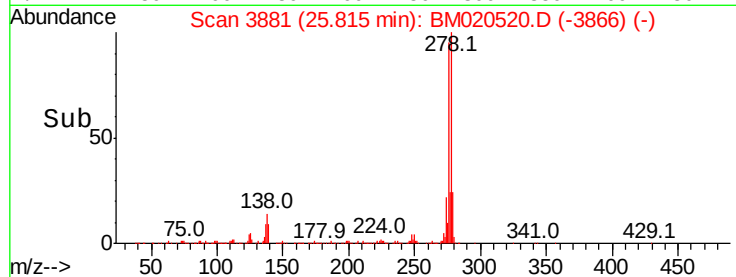
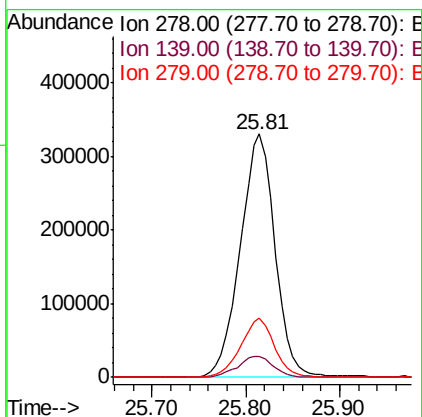
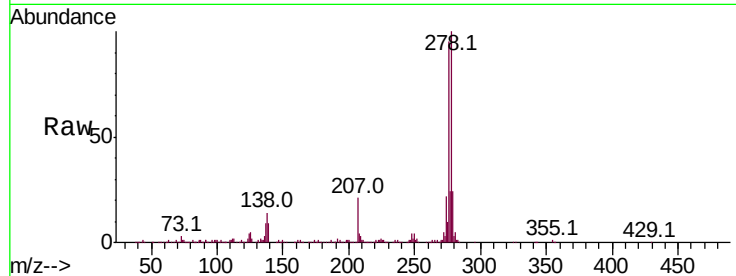
#91
Dibenzo(a,h)anthracene
Concen: 38.486 ng
RT: 25.81 min Scan# 3881
Delta R.T. -0.01 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Instrument :
BNA_M
ClientSampleId :
PB119565BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	8.6	13.0
279	24.4	18.8	28.2

Manual Integrations
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5/24/2019 5:01:38 PM



#92
Benzo(g,h,i)perylene
Concen: 40.217 ng
RT: 26.50 min Scan# 3998
Delta R.T. -0.02 min
Lab File: BM020520.D
Acq: 23 May 2019 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	11.4	11.1	16.7

