

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
 Data File : BM020132.D
 Acq On : 06 May 2019 12:59
 Operator : JU/SJ
 Sample : PB119435BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Manual Integrations
 APPROVED

mohammad
 5/7/2019 3:11:34 PM

Quant Time: May 07 04:21:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	121074	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	439221	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	258952	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	604327	20.00	ng	0.00
76) Chrysene-d12	21.36	240	639035	20.00	ng	0.00
87) Perylene-d12	23.65	264	639450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	999502	134.94	ng	0.00
7) Phenol-d6	6.95	99	1351478	133.56	ng	0.00
23) Nitrobenzene-d5	8.95	82	831280	74.72	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	540515	134.48	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1590763	75.58	ng	-0.01
79) Terphenyl-d14	19.80	244	2636965	71.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	129011	35.513	ng	96
3) Pyridine	3.70	79	331218	35.650	ng	99
4) n-Nitrosodimethylamine	3.62	42	115534	38.779	ng	# 88
6) Aniline	7.12	93	343460	26.964	ng	99
8) 2-Chlorophenol	7.35	128	300589	37.270	ng	98
9) Benzaldehyde	6.93	77	167090	21.817	ng	96
10) Phenol	6.97	94	415835	38.173	ng	95
11) bis(2-Chloroethyl)ether	7.22	93	320893	40.529	ng	95
12) 1,3-Dichlorobenzene	7.67	146	343043	36.557	ng	97
13) 1,4-Dichlorobenzene	7.82	146	345834	36.483	ng	95
14) 1,2-Dichlorobenzene	8.13	146	330067	36.548	ng	99
15) Benzyl Alcohol	8.03	79	347696	35.634	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.32	45	232439	35.405	ng	96
17) 2-Methylphenol	8.22	107	270083	38.515	ng	97
18) Hexachloroethane	8.86	117	139102	35.193	ng	95
19) n-Nitroso-di-n-propylamine	8.59	70	300579	34.720	ng	97
20) 3+4-Methylphenols	8.55	107	353299	37.908	ng	96
22) Acetophenone	8.61	105	486228	40.506	ng	# 97
24) Nitrobenzene	8.99	77	444479	38.533	ng	98
25) Isophorone	9.51	82	735904	38.358	ng	100
26) 2-Nitrophenol	9.70	139	149653	42.974	ng	99
27) 2,4-Dimethylphenol	9.75	122	270104	46.589	ng	98
28) bis(2-Chloroethoxy)methane	10.00	93	405780	38.835	ng	99
29) 2,4-Dichlorophenol	10.22	162	299995	41.035	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	358506	39.854	ng	97
31) Naphthalene	10.63	128	883574	38.765	ng	99
32) Benzoic acid	9.87	122	160195	40.097	ng	93
33) 4-Chloroaniline	10.75	127	246844	26.312	ng	97
34) Hexachlorobutadiene	10.90	225	238370	37.459	ng	97
35) Caprolactam	11.54	113	87207m	39.894	ng	
36) 4-Chloro-3-methylphenol	11.86	107	330552	38.476	ng	99
37) 2-Methylnaphthalene	12.25	142	653848	39.349	ng	97
38) 1-Methylnaphthalene	12.46	142	618417	38.059	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	412878	40.753	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	402224	67.427	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	251311	43.647	ng	97
44) 2,4,5-Trichlorophenol	12.93	196	272155	42.311	ng	97
46) 1,1'-Biphenyl	13.26	154	851427	39.946	ng	99
47) 2-Chloronaphthalene	13.30	162	681648	40.055	ng	98
48) 2-Nitroaniline	13.52	65	238647	39.390	ng	94
49) Acenaphthylene	14.15	152	1036516	38.058	ng	99
50) Dimethylphthalate	13.89	163	835222	37.949	ng	100
51) 2,6-Dinitrotoluene	14.01	165	177652	38.324	ng	97
52) Acenaphthene	14.49	154	601824	38.534	ng	99
53) 3-Nitroaniline	14.34	138	140856	32.739	ng	97
54) 2,4-Dinitrophenol	14.55	184	173956	75.457	ng	92
55) Dibenzofuran	14.83	168	1016119	38.571	ng	97
56) 4-Nitrophenol	14.64	139	297239	80.974	ng	95
57) 2,4-Dinitrotoluene	14.80	165	248806	39.500	ng	95
58) Fluorene	15.48	166	807077	37.303	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.05	232	251644	41.168	ng	99
60) Diethylphthalate	15.25	149	812196	36.629	ng	99
61) 4-Chlorophenyl-phenylether	15.47	204	469811	38.324	ng	97
62) 4-Nitroaniline	15.51	138	173937	36.634	ng	97
63) Azobenzene	15.76	77	950137	36.322	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	109638	37.753	ng	96
66) n-Nitrosodiphenylamine	15.69	169	713025	40.097	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	281761	38.021	ng	96
68) Hexachlorobenzene	16.47	284	328555	38.528	ng	99
69) Atrazine	16.64	200	249291	35.872	ng	97
70) Pentachlorophenol	16.82	266	406691	83.352	ng	98
71) Phenanthrene	17.22	178	1290312	38.679	ng	100
72) Anthracene	17.31	178	1307816	39.211	ng	99
73) Carbazole	17.58	167	1139456	37.862	ng	99
74) Di-n-butylphthalate	18.14	149	1294342	35.737	ng	98
75) Fluoranthene	19.23	202	1564133	37.058	ng	100
77) Benzidine	19.43	184	782467	38.299	ng	99
78) Pyrene	19.60	202	1627141	37.925	ng	100
80) Butylbenzylphthalate	20.50	149	589368	37.775	ng	99
81) Benzo(a)anthracene	21.34	228	1665398	37.161	ng	100
82) 3,3'-Dichlorobenzidine	21.29	252	618462	36.158	ng	99
83) Chrysene	21.40	228	1659563	38.183	ng	100
84) Bis(2-ethylhexyl)phthalate	21.27	149	857568	35.421	ng	99
85) Di-n-octyl phthalate	22.16	149	1505996	37.426	ng	98
86) Indeno(1,2,3-cd)pyrene	25.97	276	2278820	44.079	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1888086	44.714	ng	100
89) Benzo(k)fluoranthene	23.00	252	1812119	47.046	ng	99
90) Benzo(a)pyrene	23.55	252	1834435	47.828	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	1962613	49.204	ng	100
92) Benzo(g,h,i)perylene	26.69	276	1915130	50.572	ng	98

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

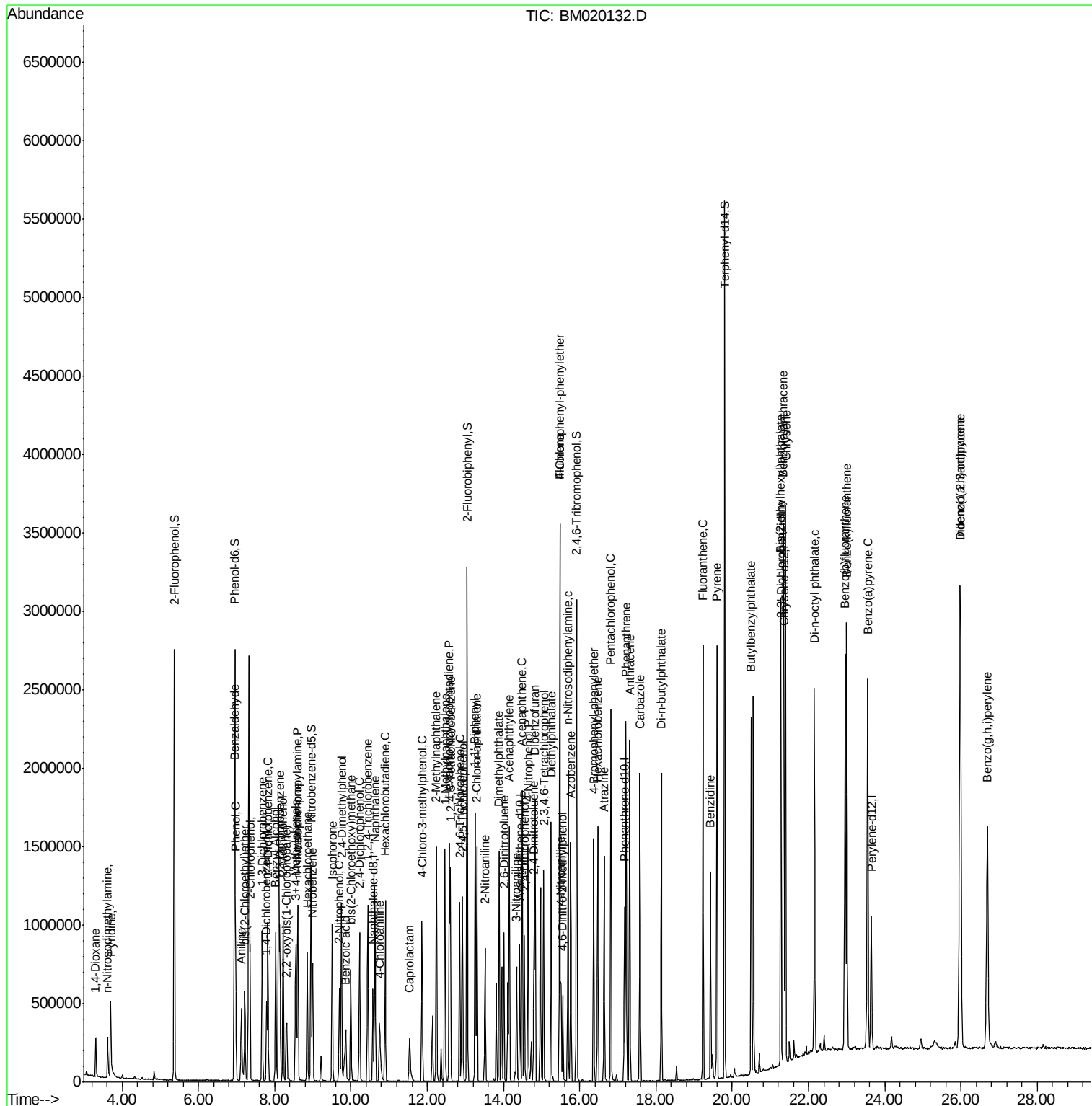
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050619\
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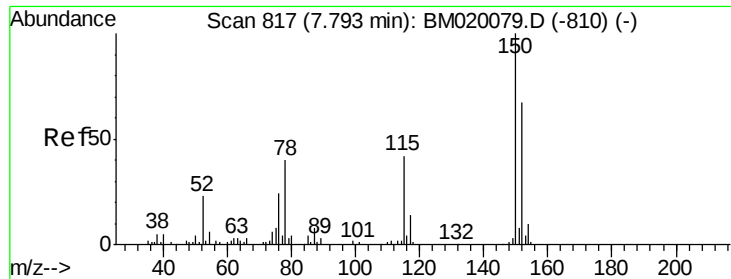
Instrument :
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ClientSampleId :
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#1

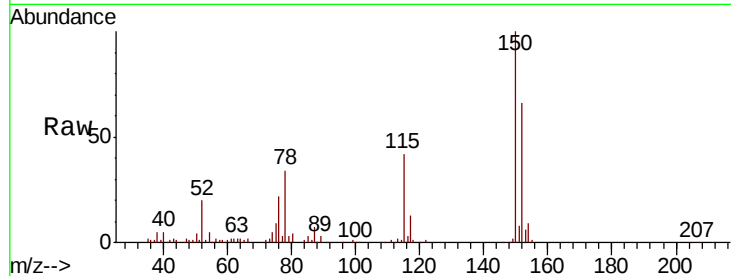
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	119.8	179.8
115	64.2	50.8	76.2

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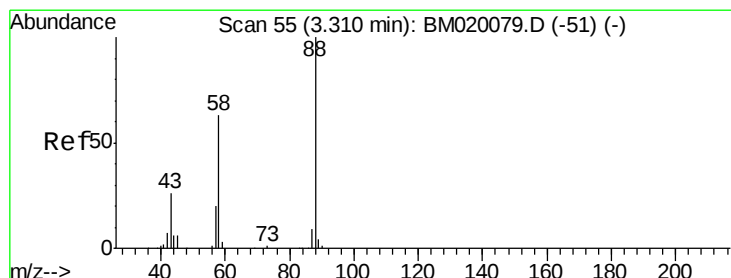
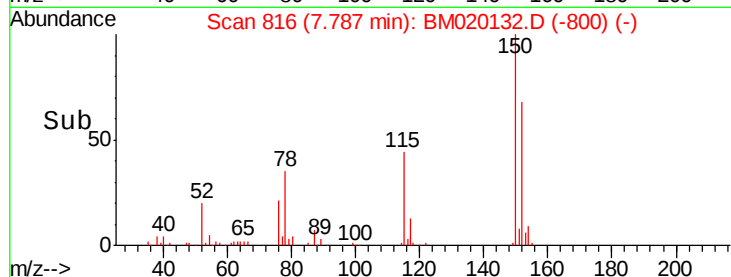
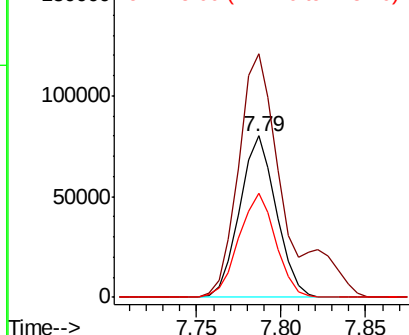


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

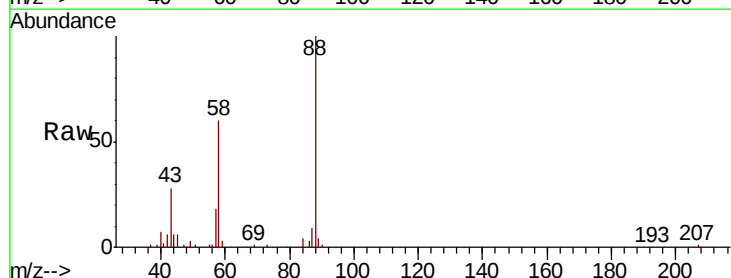
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.513 ng
RT: 3.31 min Scan# 55
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.2	51.8	77.6
43	22.3	20.3	30.5

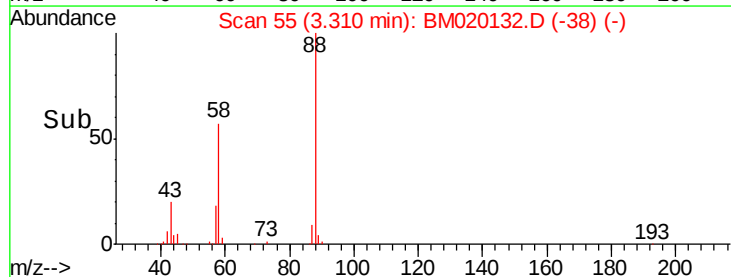
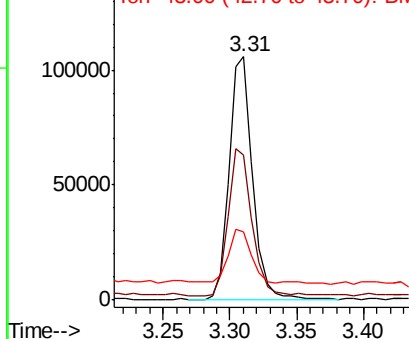


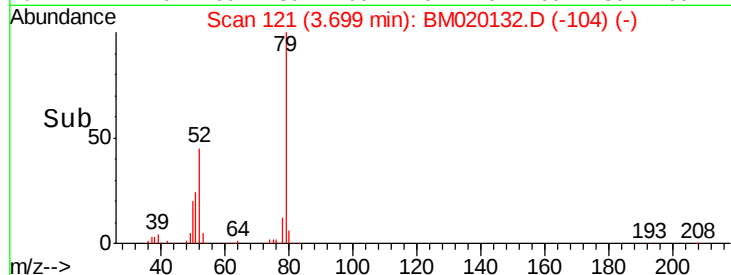
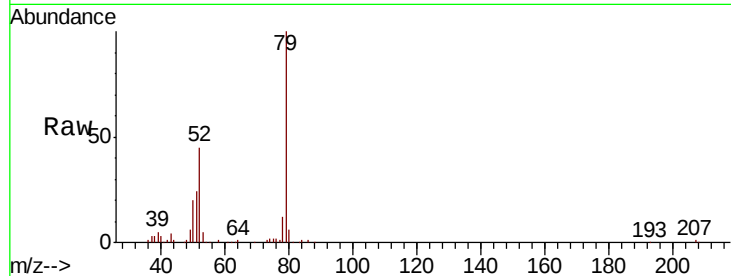
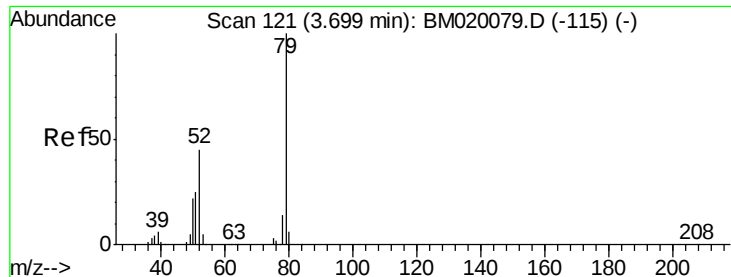
Abundance

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





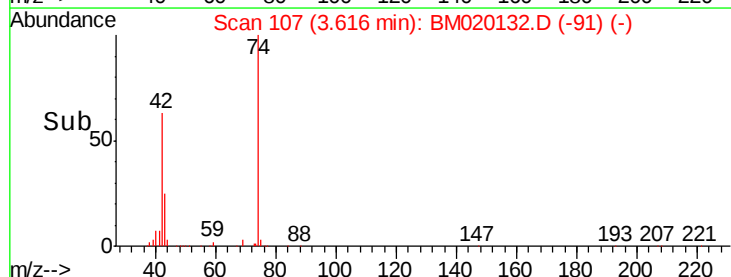
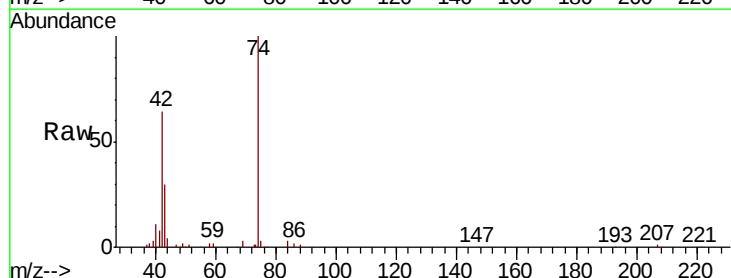
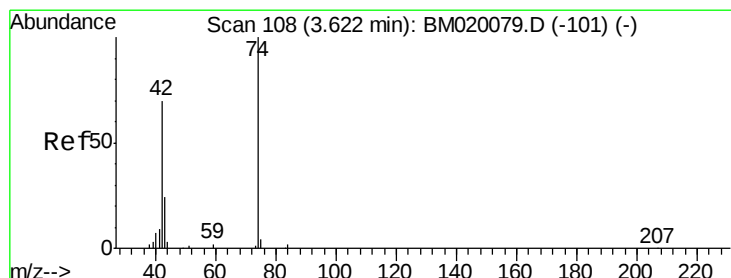
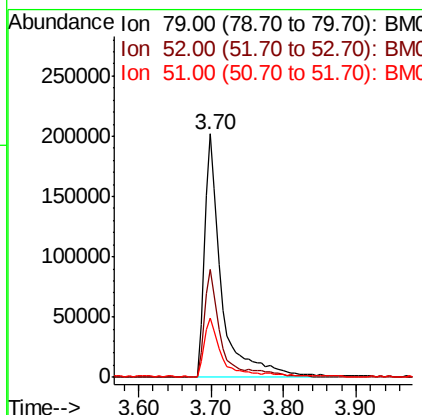
#3
Pvridine
Concen: 35.650 ng
RT: 3.70 min Scan# 121
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tot Ion	Ratio	Lower	Upper
79	100		
52	44.5	35.7	53.5
51	24.4	20.8	31.2

Instrument :
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ClientSampleId :
PB119435BS

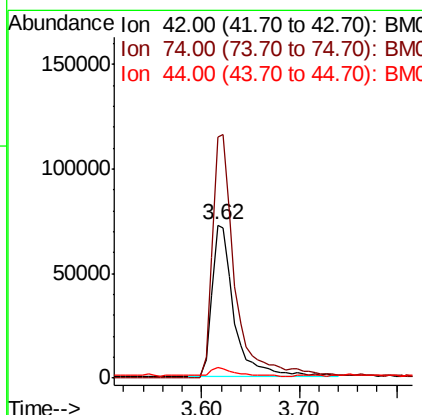
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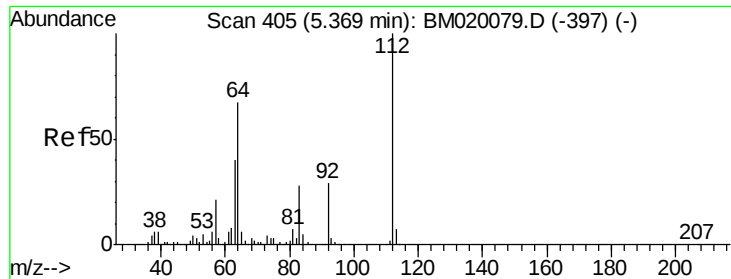
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#4
n-Nitrosodimethylamine
Concen: 38.779 ng
RT: 3.62 min Scan# 107
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
42	100		
74	157.2	113.7	170.5
44	6.8	3.9	5.9





#5

2-Fluorophenol

Concen: 134.940 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

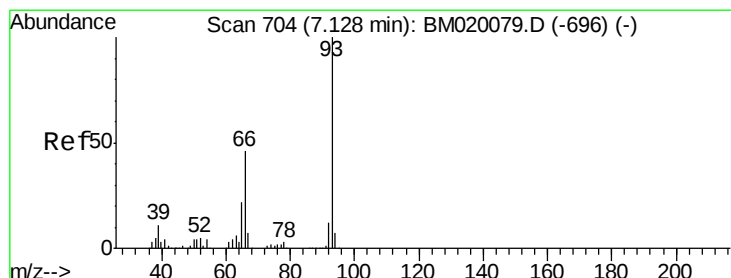
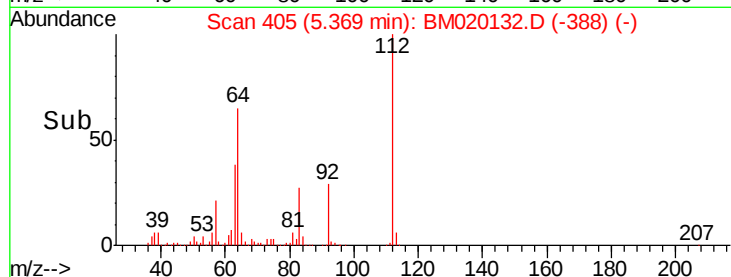
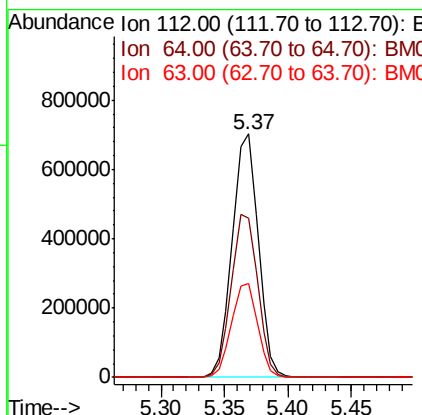
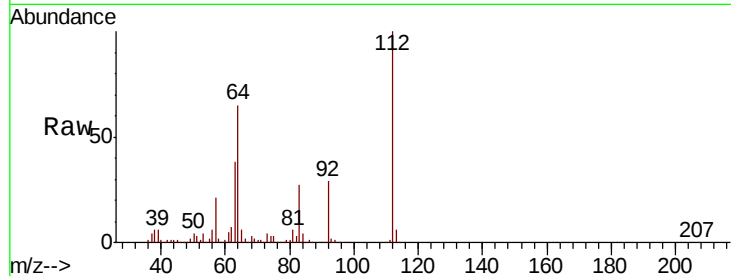
ClientSampleId :

PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	999502		
64	65.3	53.8	80.6	
63	38.5	32.3	48.5	

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#6

Aniline

Concen: 26.964 ng

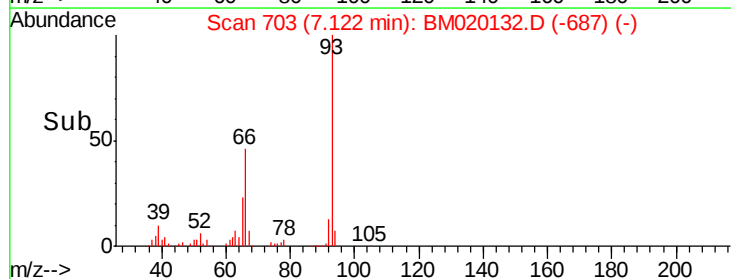
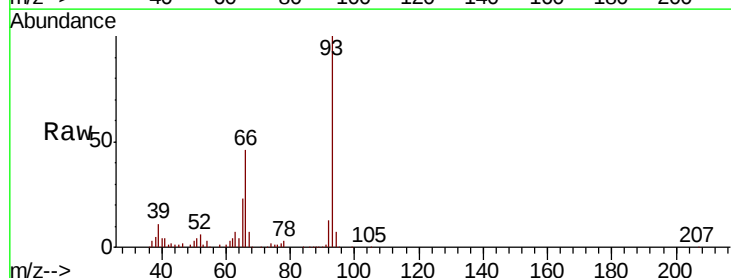
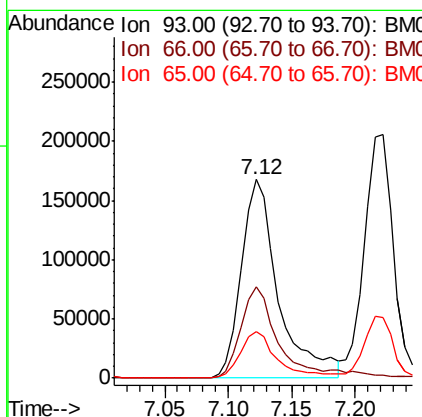
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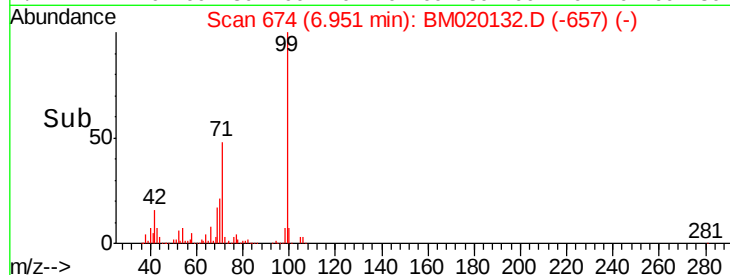
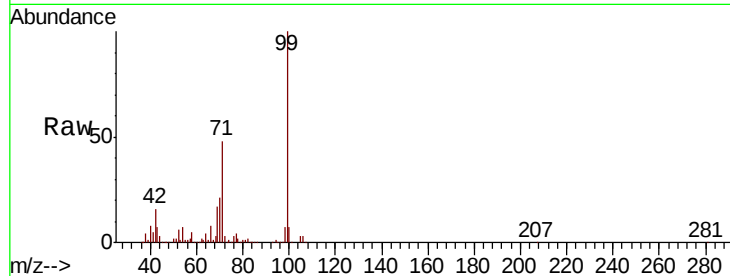
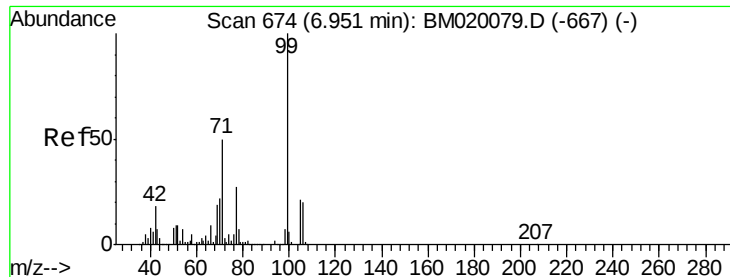
Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	343460		
66	46.2	36.6	54.8	
65	23.3	17.8	26.6	





#7

Phenol-d6

Concen: 133.559 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tot Ion: 99 Resp: 1351478

Ion Ratio Lower Upper

99 100

42 15.6 14.2 21.2

71 48.0 40.3 60.5

Instrument :

BNA_M

ClientSampled :

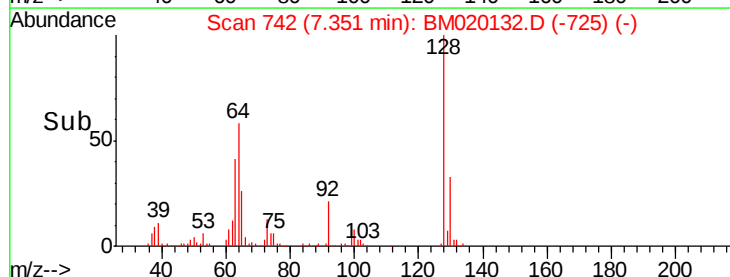
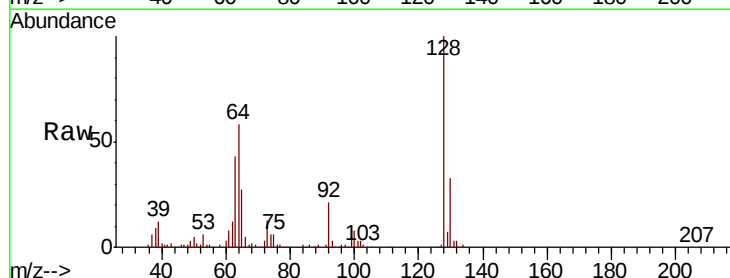
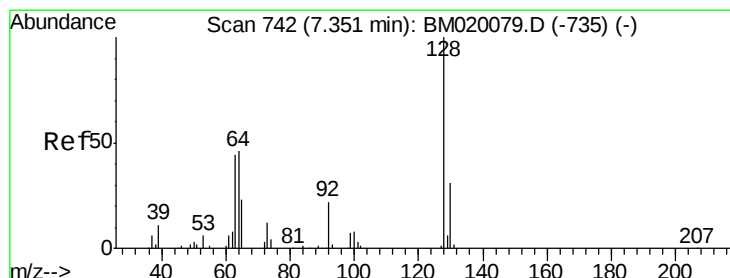
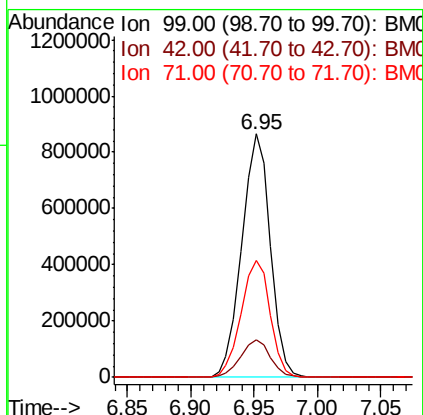
PB119435BS

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#8

2-Chlorophenol

Concen: 37.270 ng

RT: 7.35 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

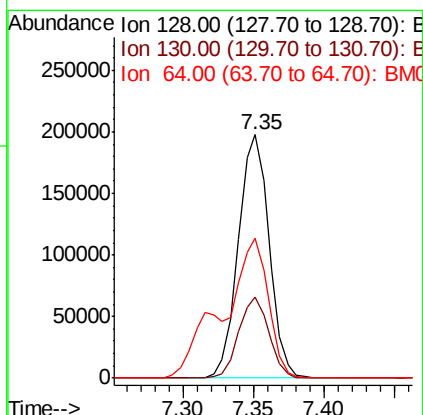
Tgt Ion:128 Resp: 300589

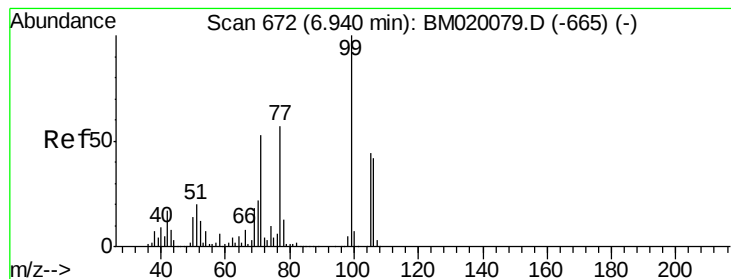
Ion Ratio Lower Upper

128 100

130 33.1 10.8 50.8

64 57.5 36.5 76.5





#9

Benzaldehyde

Concen: 21.817 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

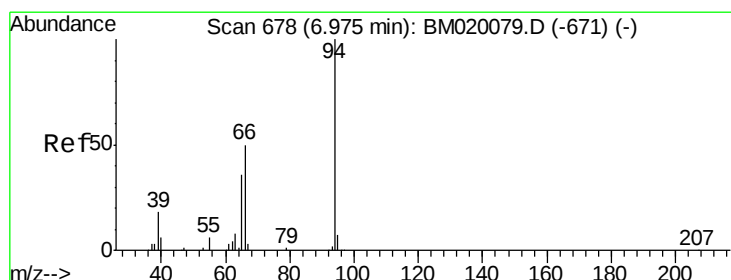
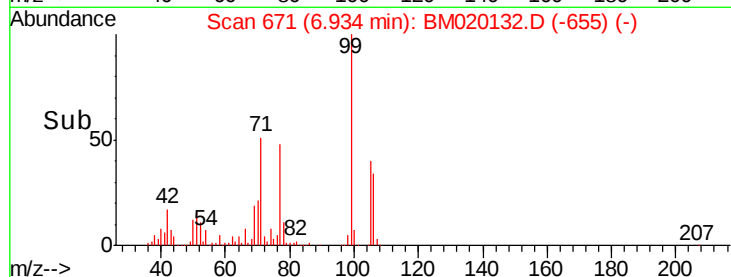
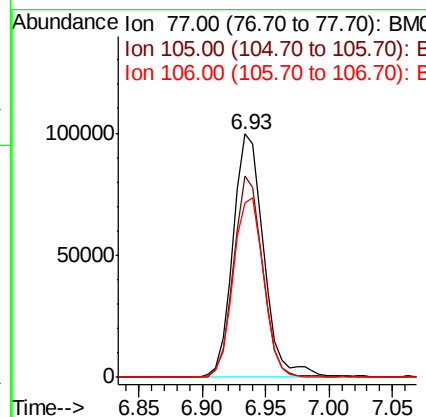
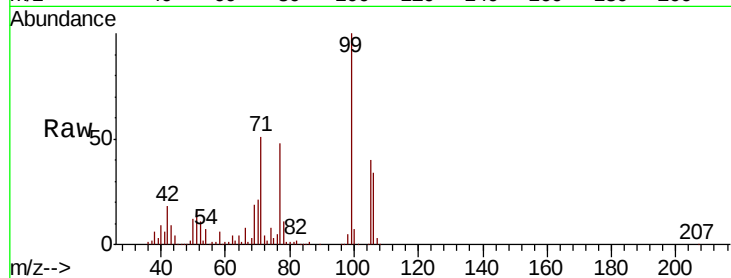
ClientSampled :

PB119435BS

Tot Ion:	77	Resp:	167090
Ion	Ratio	Lower	Upper
77	100		
105	82.9	57.8	97.8
106	71.5	53.6	93.6

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#10

Phenol

Concen: 38.173 ng

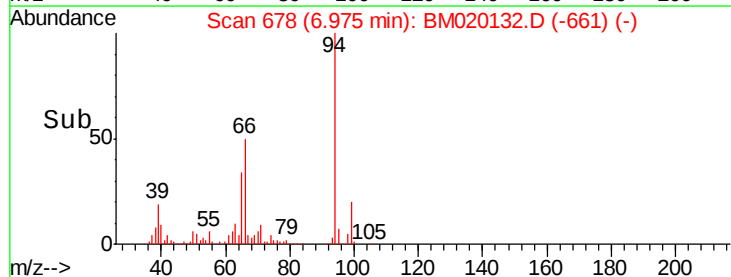
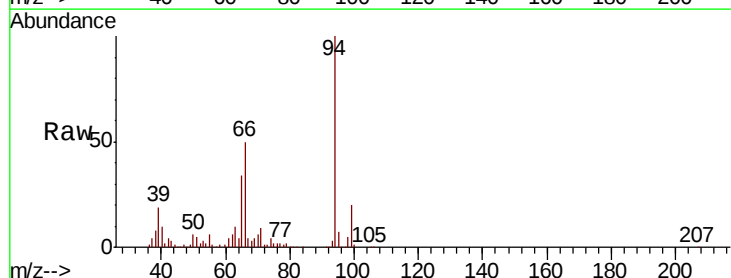
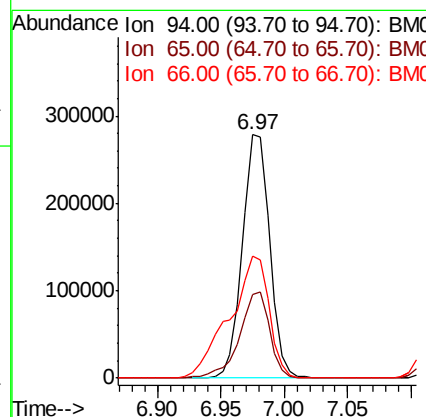
RT: 6.97 min Scan# 678

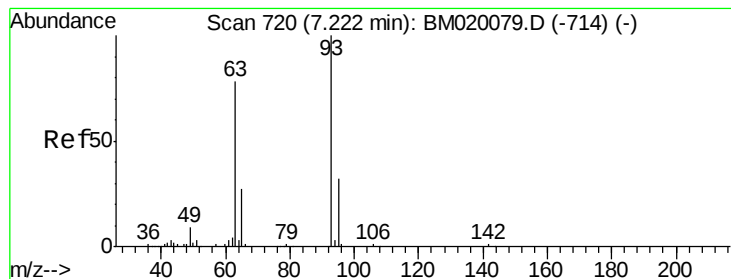
Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:	94	Resp:	415835
Ion	Ratio	Lower	Upper
94	100		
65	34.1	17.0	57.0
66	50.3	34.5	74.5





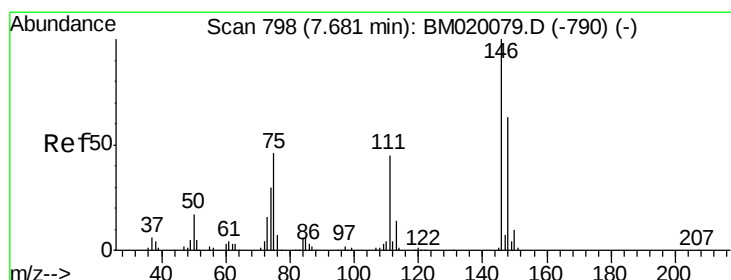
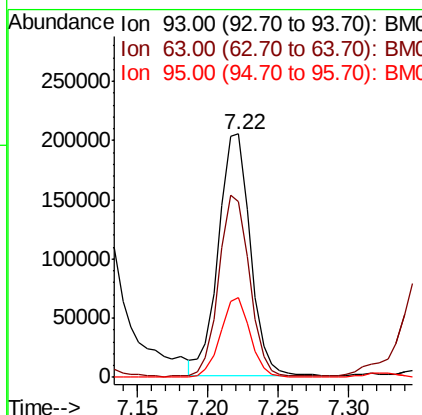
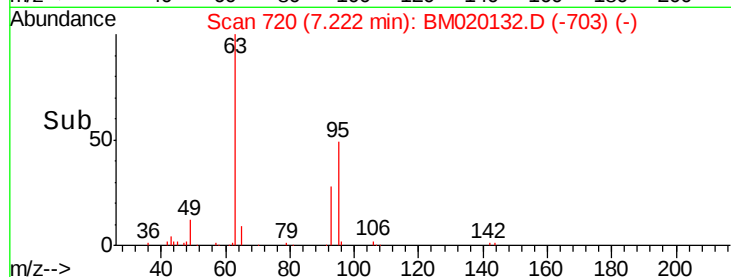
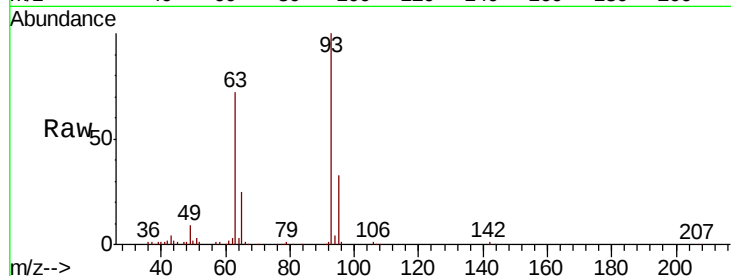
#11
bis(2-Chloroethyl)ether
Concen: 40.529 ng
RT: 7.22 min Scan# 720
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.0		57.9	97.9
95	32.6		11.3	51.3

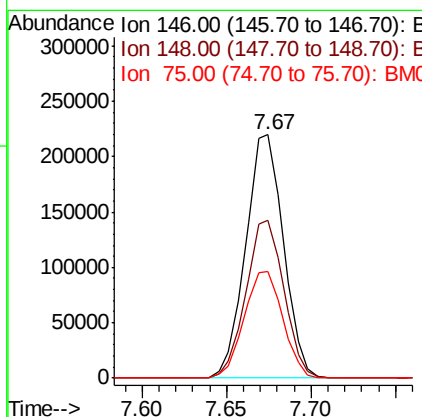
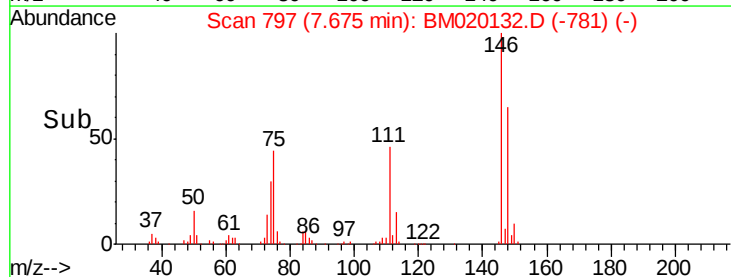
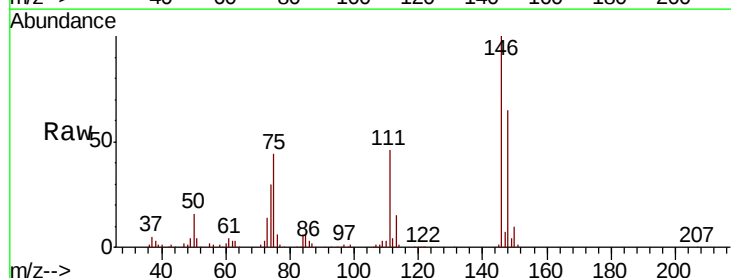
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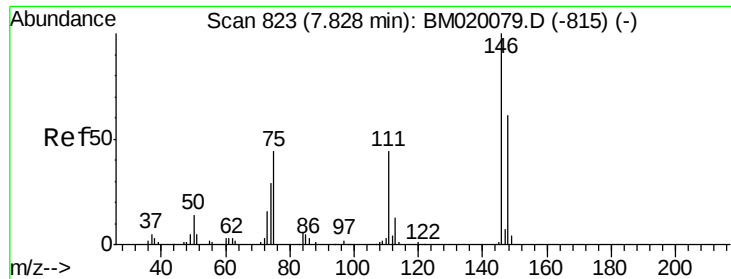
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.557 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.7		50.1	75.1
75	43.8		37.2	55.8





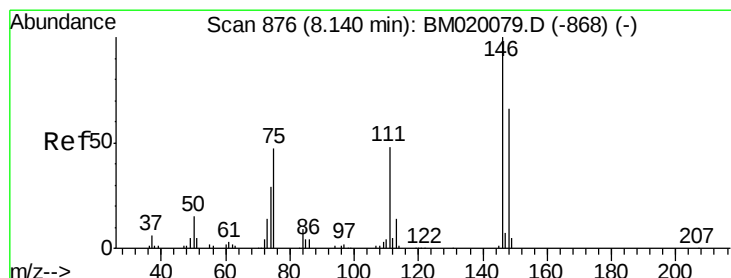
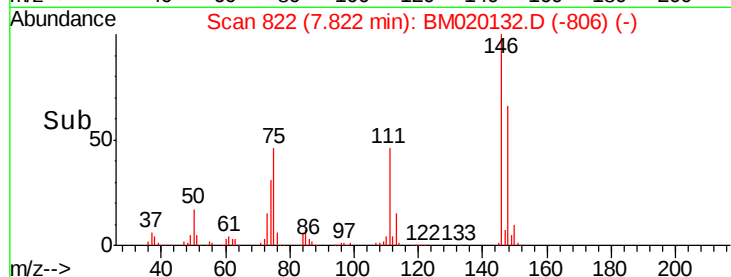
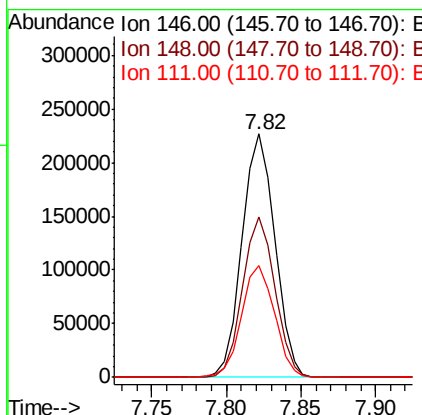
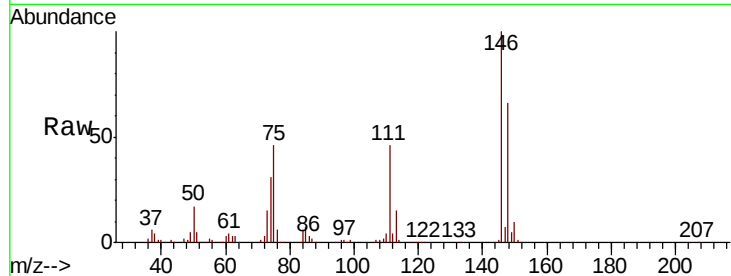
#13
 1,4-Dichlorobenzene
 Concen: 36.483 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	48.5	72.7
111	45.9	35.7	53.5

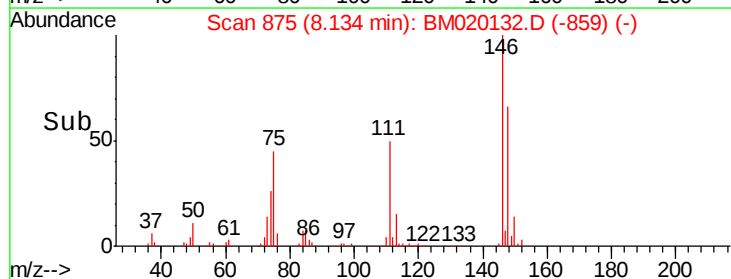
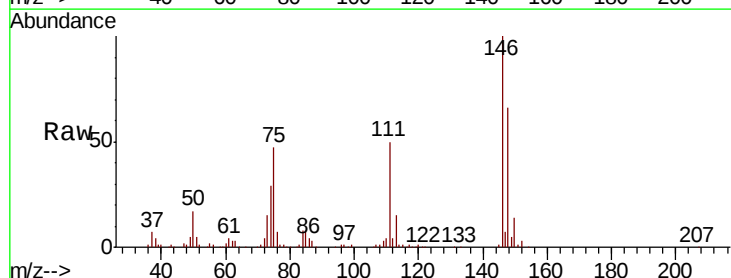
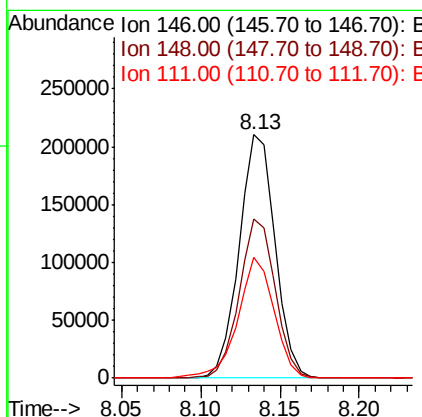
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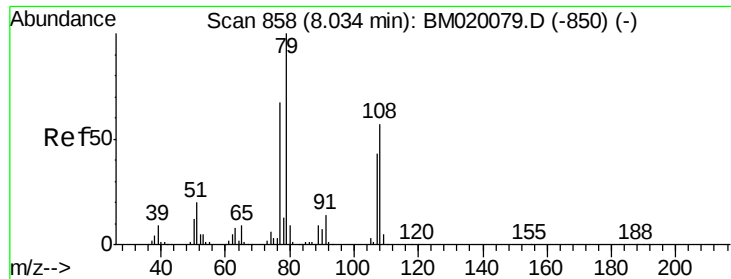
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.548 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.6	79.0
111	49.5	39.0	58.4





#15

Benzyl Alcohol

Concen: 35.634 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

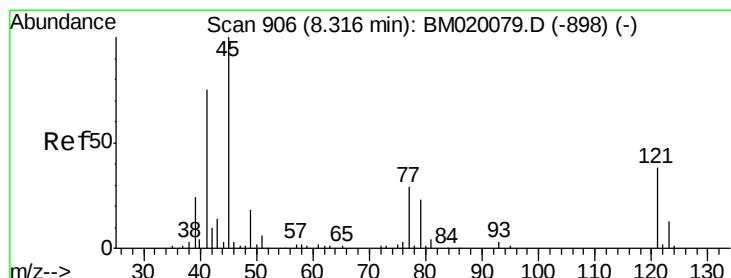
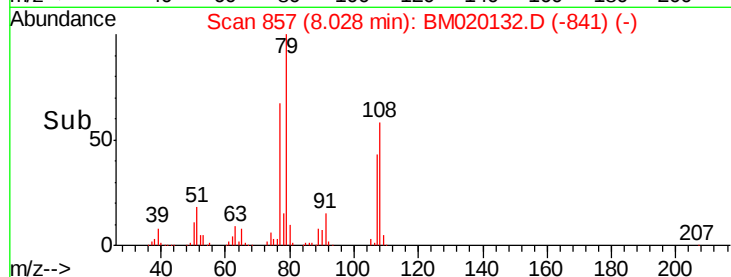
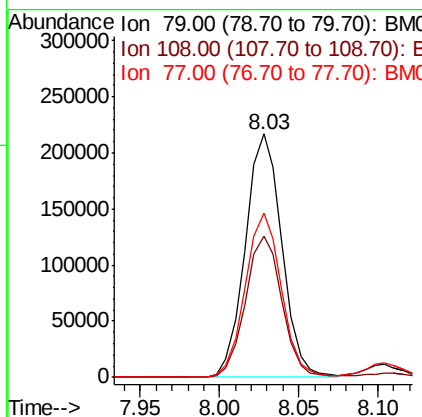
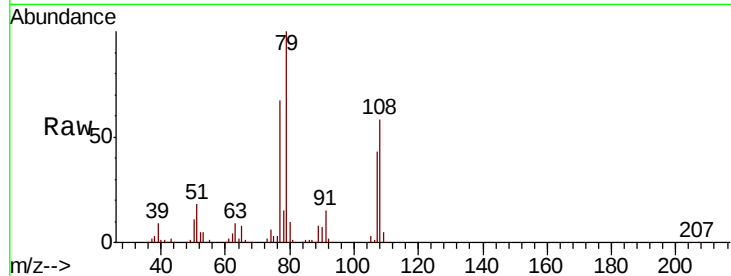
ClientSampleId :

PB119435BS

Tot Ion:	79	Resp:	347696
Ion Ratio	Lower	Upper	
79	100		
108	57.9	46.0	69.0
77	67.4	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.405 ng

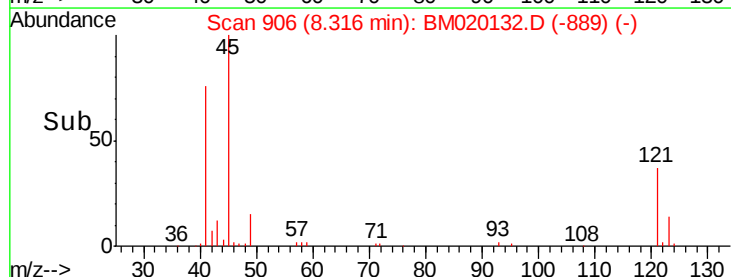
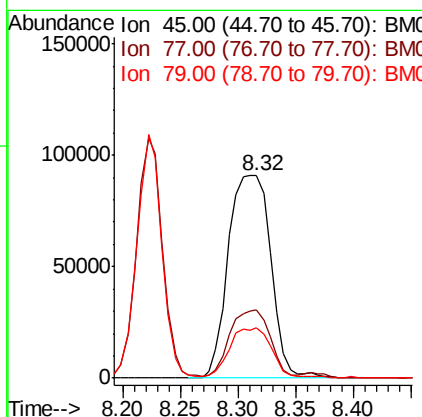
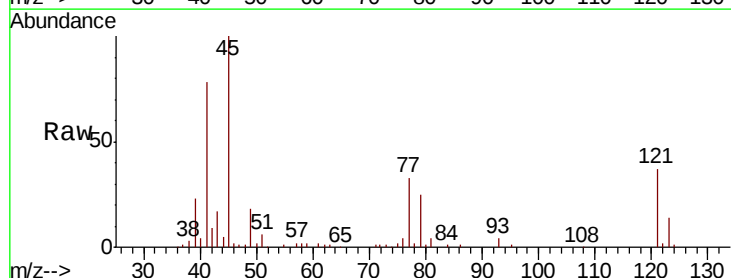
RT: 8.32 min Scan# 906

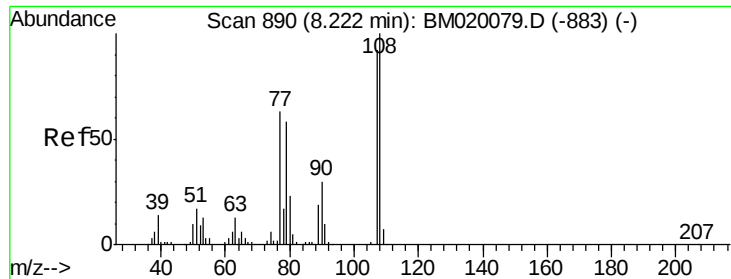
Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:	45	Resp:	232439
Ion Ratio	Lower	Upper	
45	100		
77	33.4	10.5	50.5
79	24.8	3.3	43.3





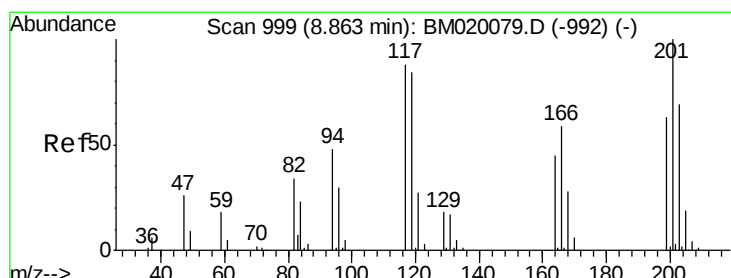
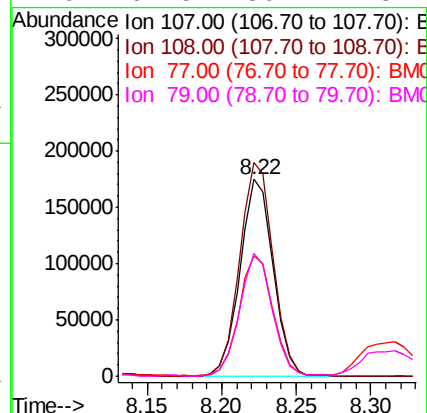
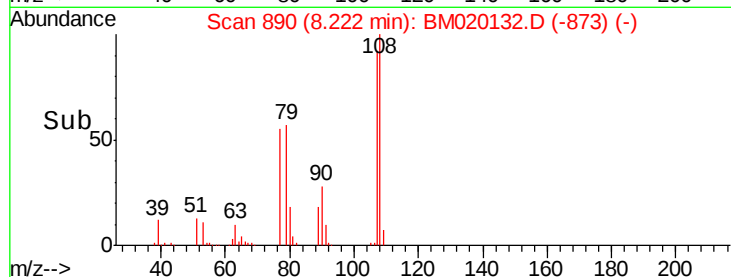
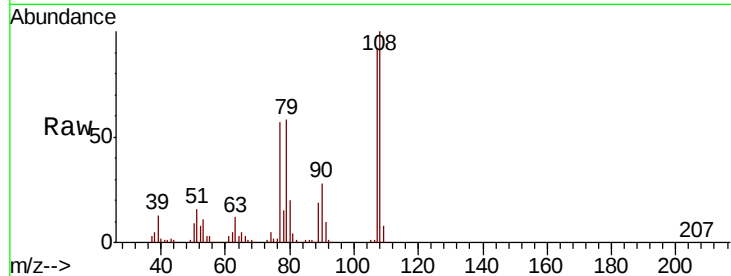
#17
2-Methylphenol
Concen: 38.515 ng
RT: 8.22 min Scan# 890
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.5	87.0	130.4	
77	61.4	54.7	82.1	
79	62.5	50.1	75.1	

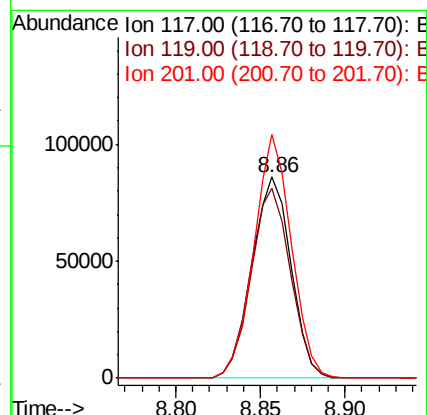
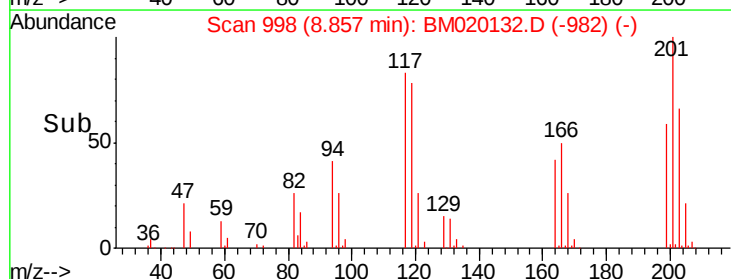
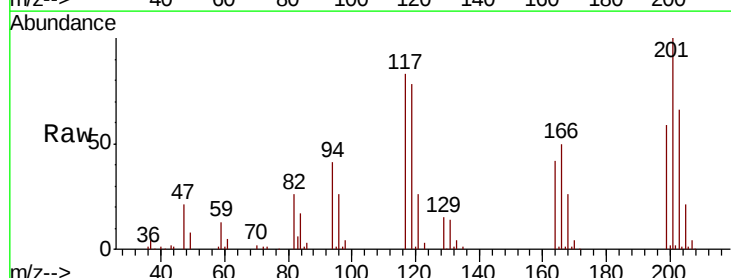
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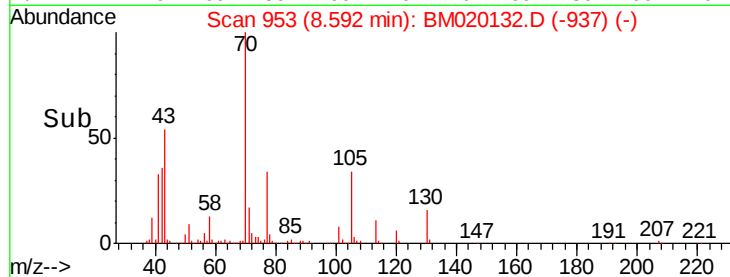
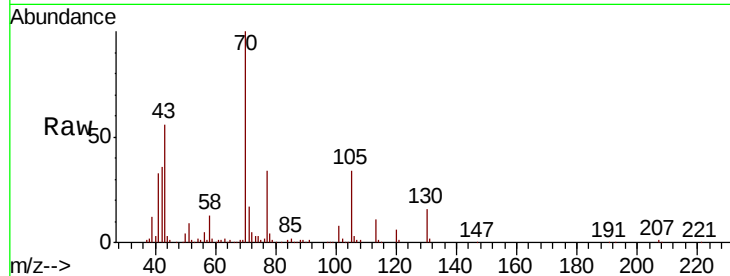
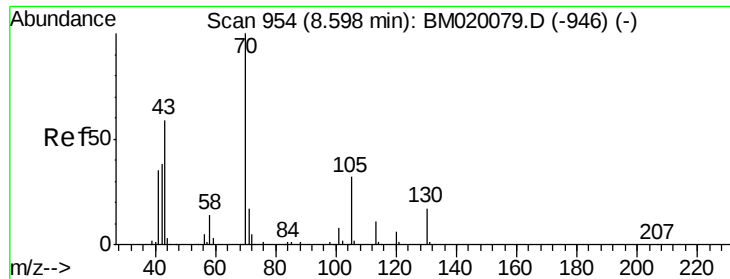
mohammad
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#18
Hexachloroethane
Concen: 35.193 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	76.6	114.8	
201	121.2	90.7	136.1	





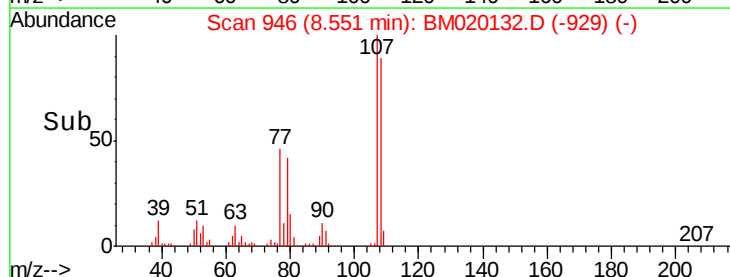
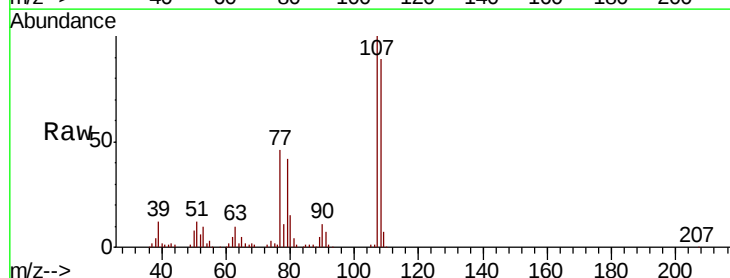
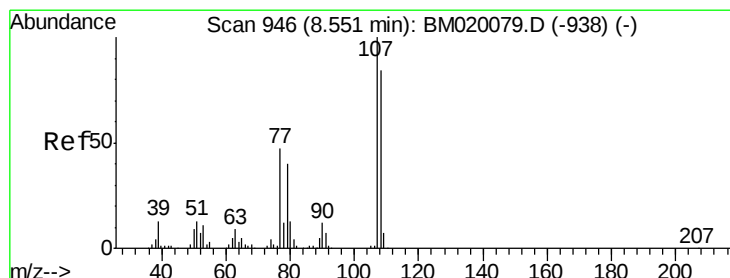
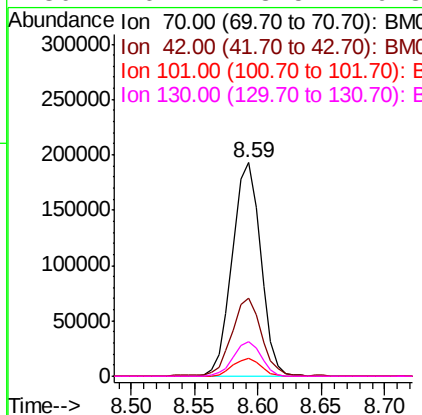
#19
n-Nitroso-di-n-propylamine
Concen: 34.720 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		300579		
42	36.4		31.0	46.4	
101	8.5		6.2	9.2	
130	16.2		13.5	20.3	

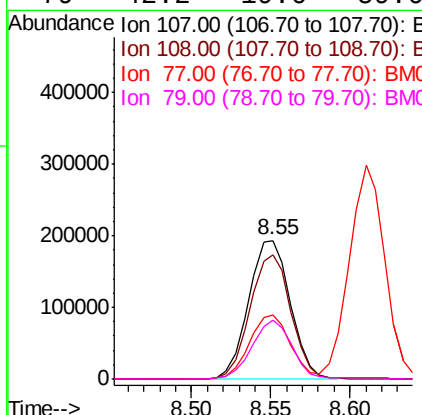
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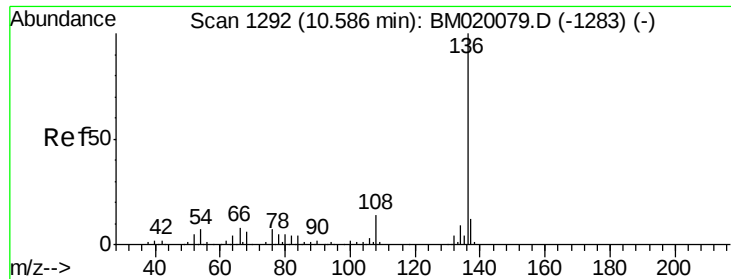
mohammad
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#20
3+4-Methylphenols
Concen: 37.908 ng
RT: 8.55 min Scan# 946
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		353299		
108	89.2		64.4	104.4	
77	45.9		27.2	67.2	
79	42.2		19.6	59.6	





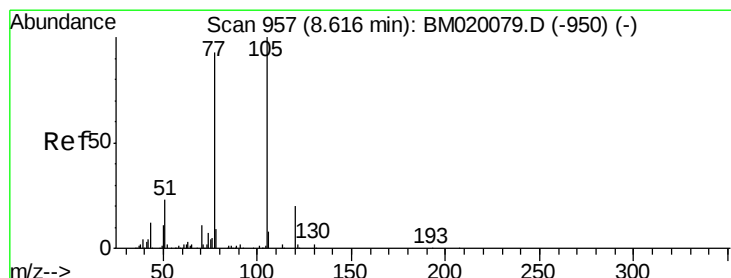
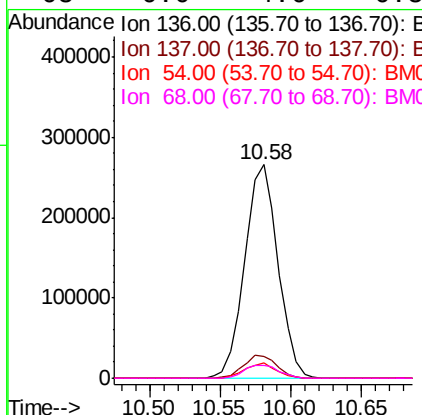
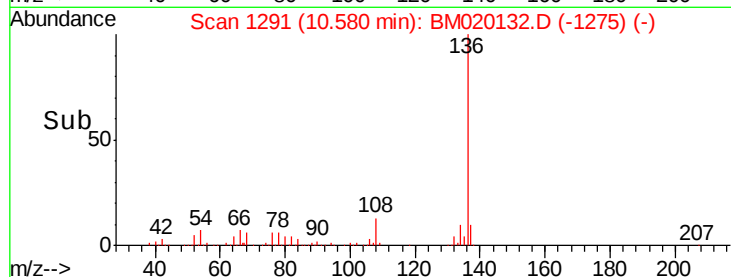
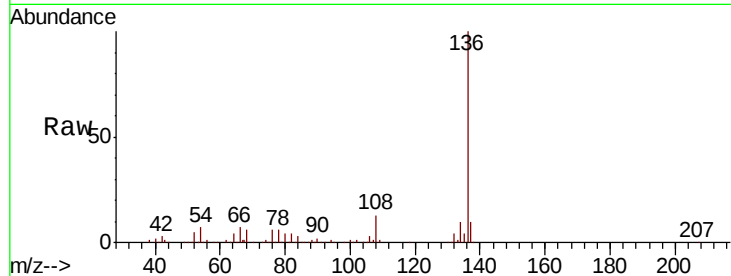
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	439221		
137	10.3		9.6	14.4
54	6.9		5.5	8.3
68	6.0		4.6	6.8

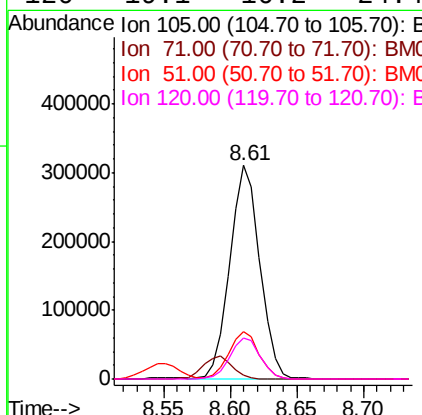
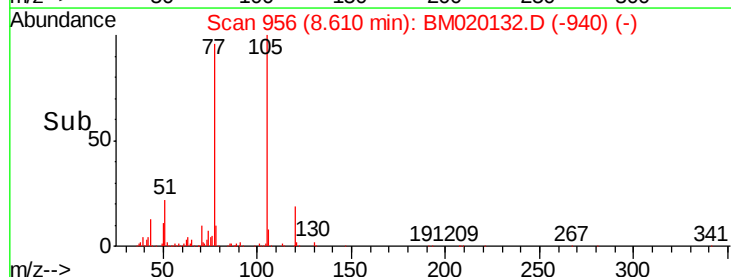
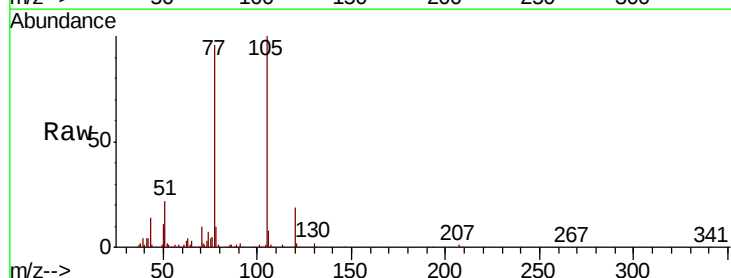
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#22
Acetophenone
Concen: 40.506 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	486228		
71	1.8		2.2	3.2#
51	22.1		19.3	28.9
120	19.1		16.2	24.4





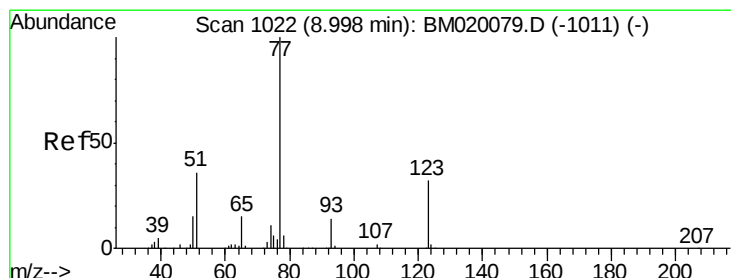
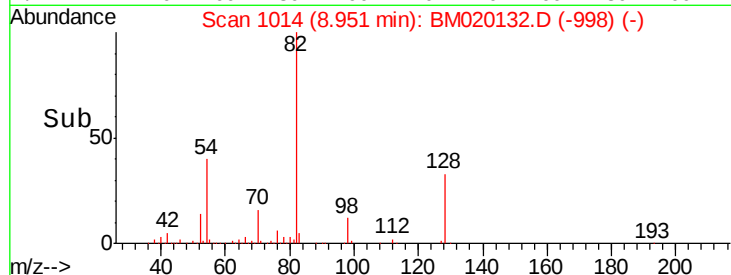
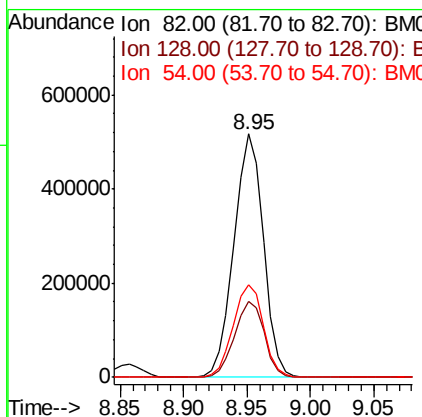
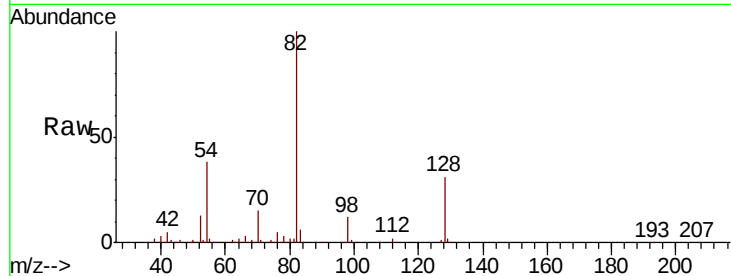
#23
Nitrobenzene-d5
Concen: 74.721 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	31.1	25.2	37.8	
54	38.1	31.9	47.9	

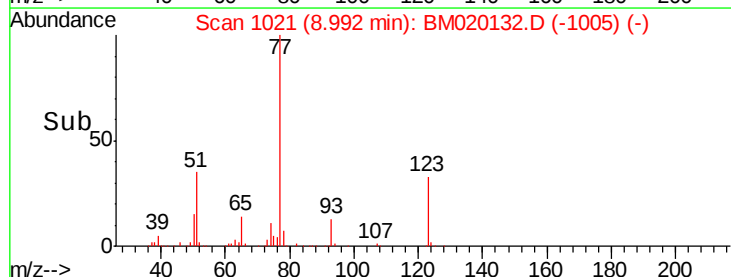
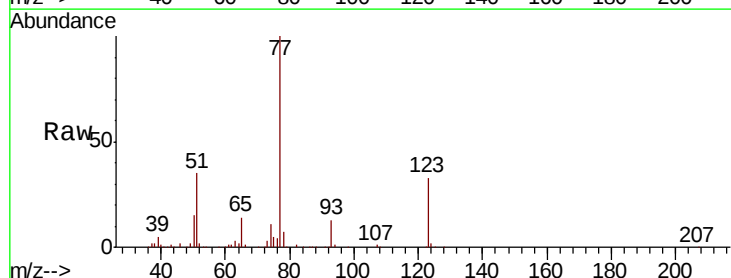
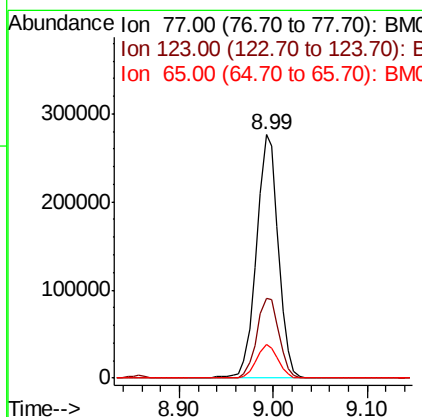
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#24
Nitrobenzene
Concen: 38.533 ng
RT: 8.99 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	32.9	25.5	38.3	
65	14.0	11.8	17.6	





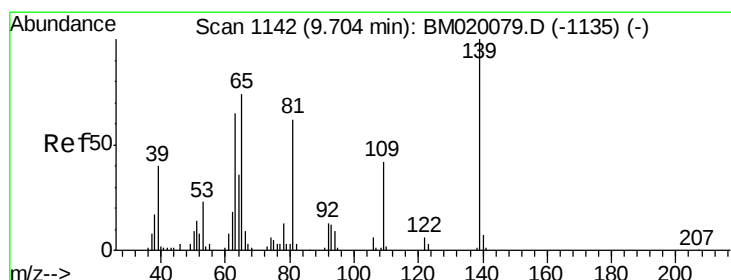
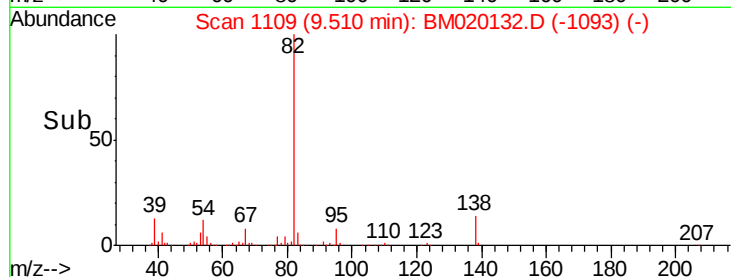
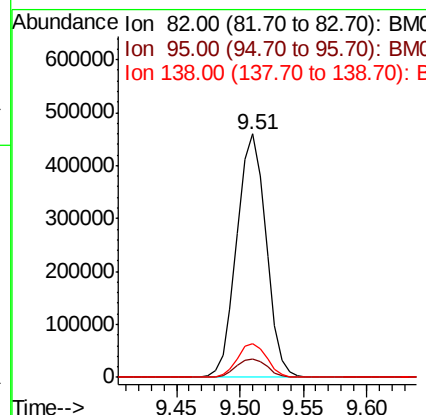
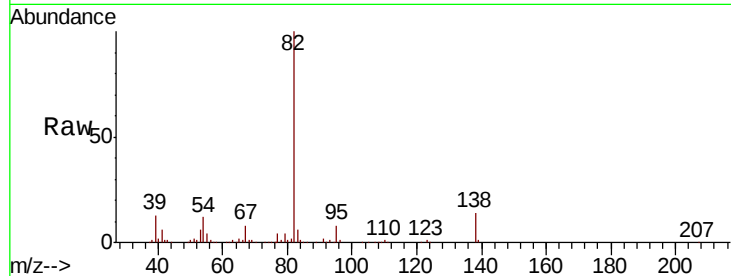
#25
Isophorone
Concen: 38.358 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	735904		
95	7.8		6.4	9.6
138	14.0		11.1	16.7

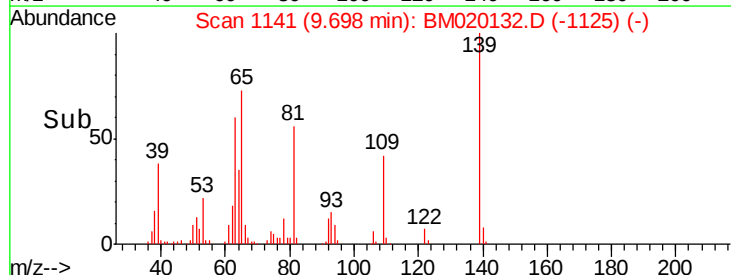
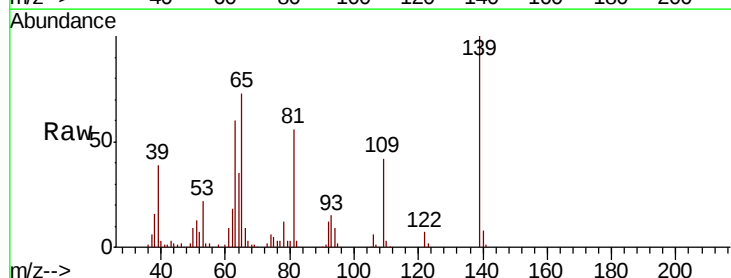
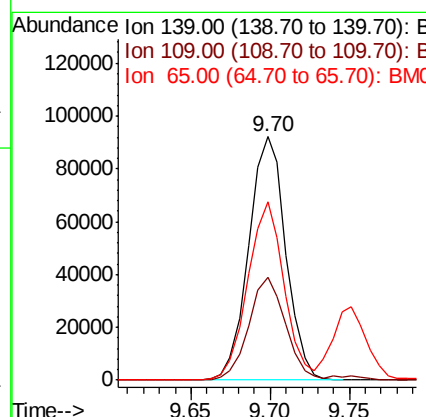
Manual Integrations
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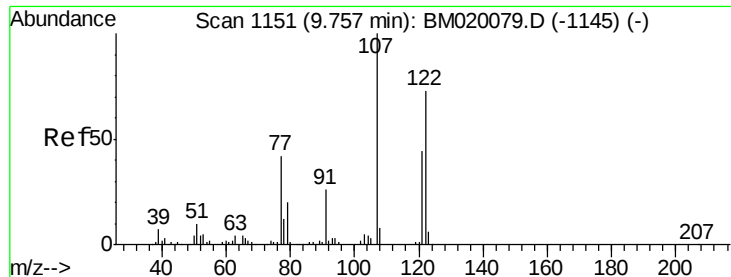
mohammad
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#26
2-Nitrophenol
Concen: 42.974 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	149653		
109	42.1		33.7	50.5
65	73.1		59.5	89.3





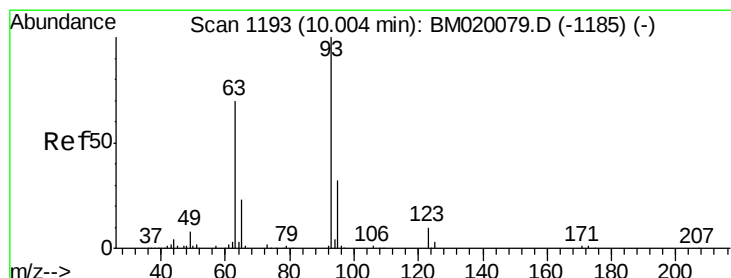
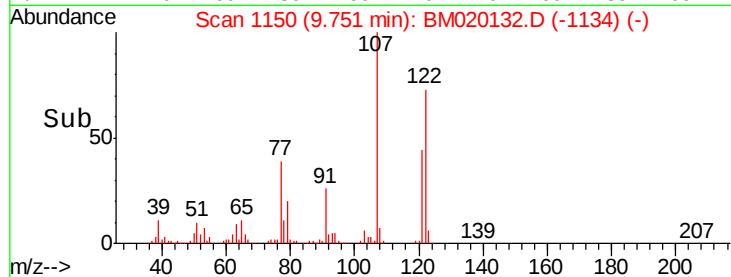
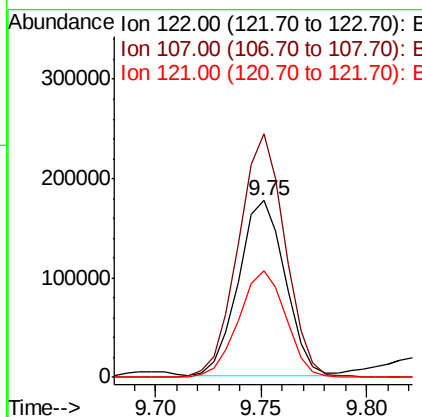
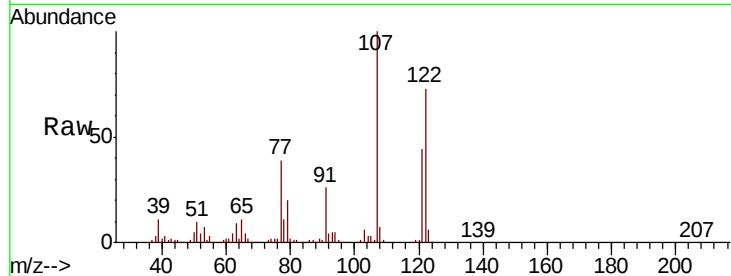
#27
 2,4-Dimethylphenol
 Concen: 46.589 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	137.8	108.6	162.8		
121	60.1	47.4	71.2		

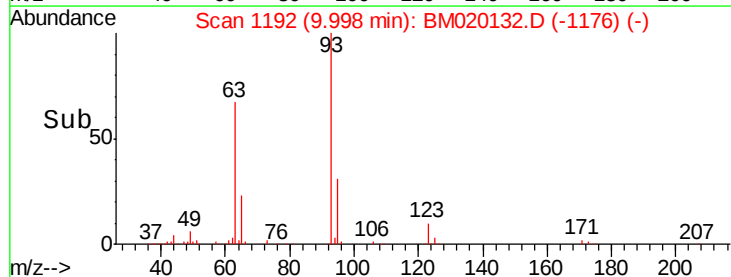
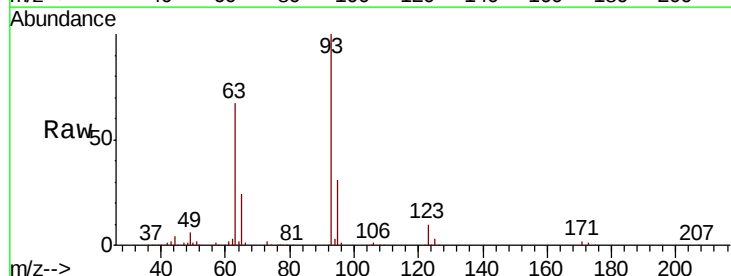
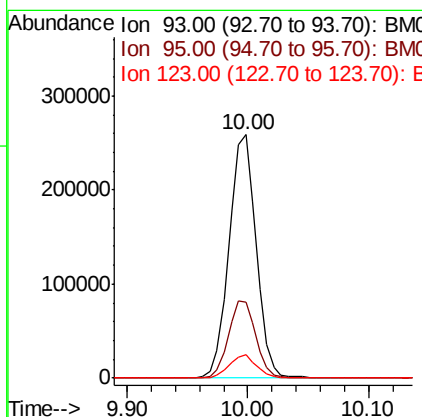
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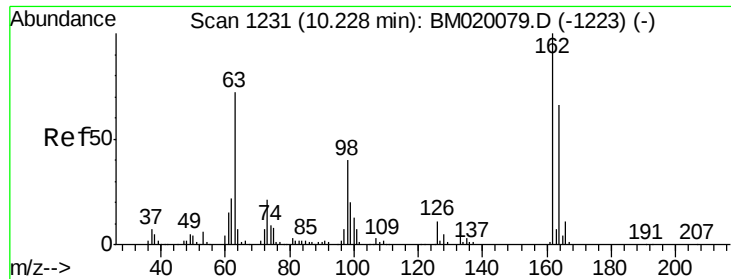
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.835 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	31.4	25.5	38.3		
123	9.8	7.6	11.4		





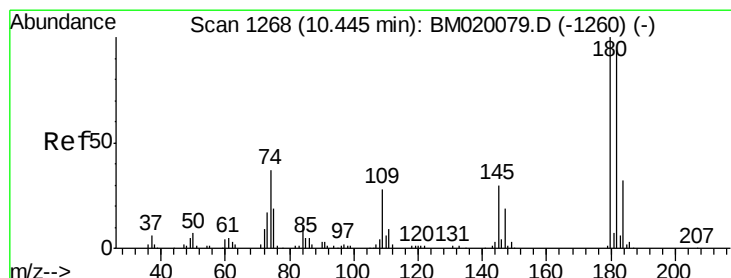
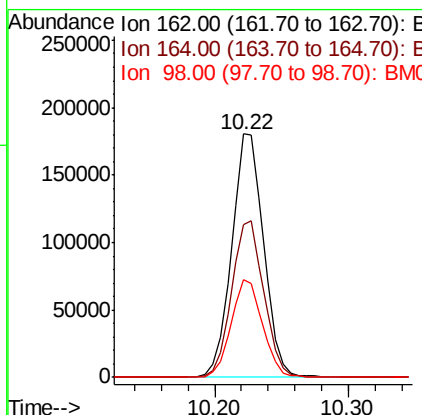
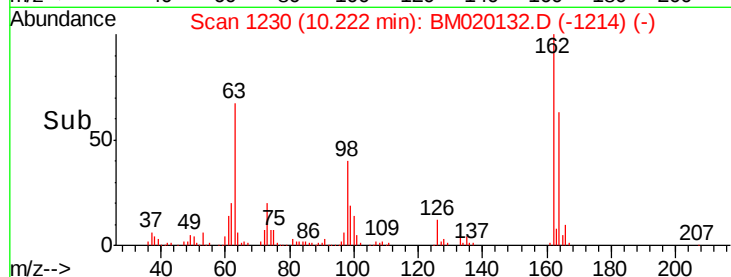
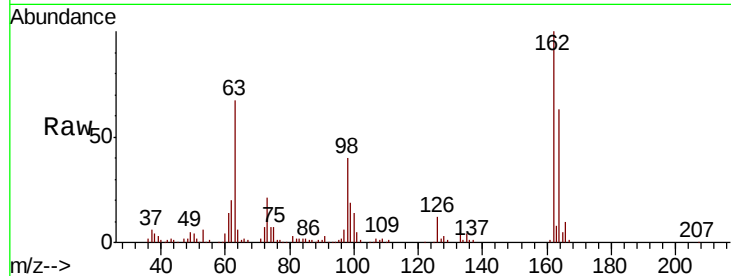
#29
 2,4-Dichlorophenol
 Concen: 41.035 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion:	162	Resp:	299995
Ion Ratio	Lower	Upper	
162	100		
164	62.8	45.6	85.6
98	40.2	20.4	60.4

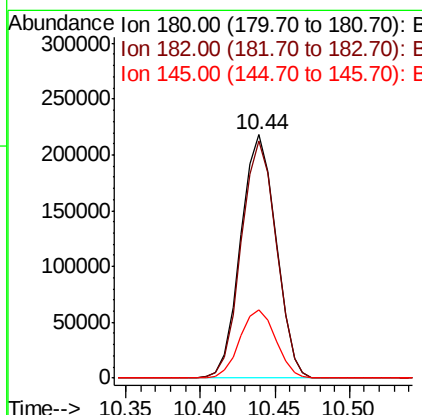
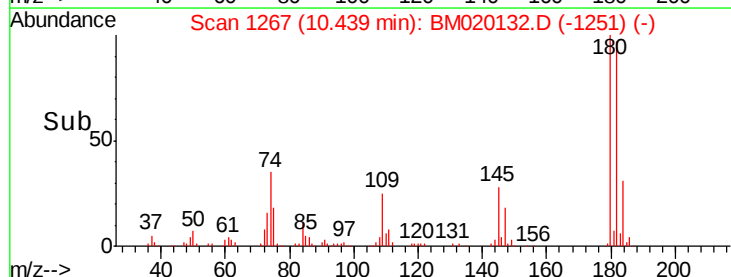
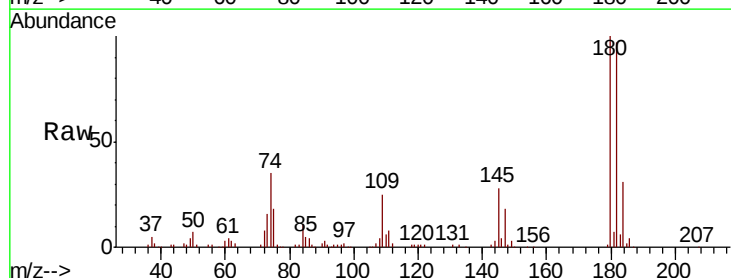
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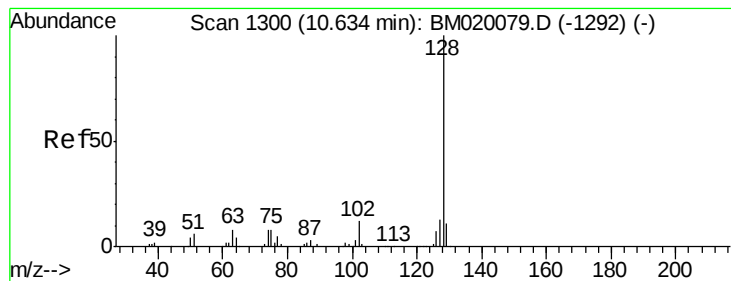
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.854 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion:	180	Resp:	358506
Ion Ratio	Lower	Upper	
180	100		
182	97.5	75.4	113.0
145	28.3	23.8	35.8





#31

Naphthalene

Concen: 38.765 ng

RT: 10.63 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

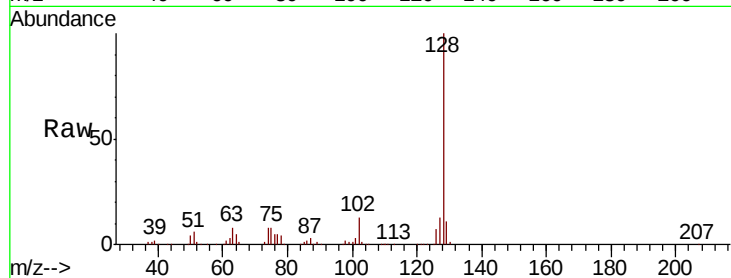
ClientSampleId :

PB119435BS

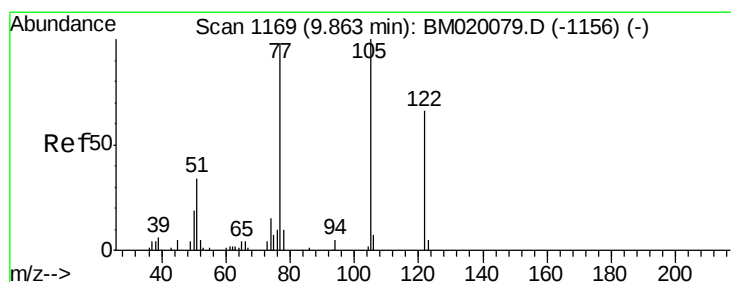
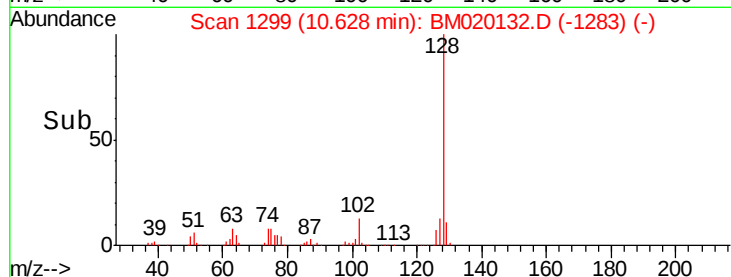
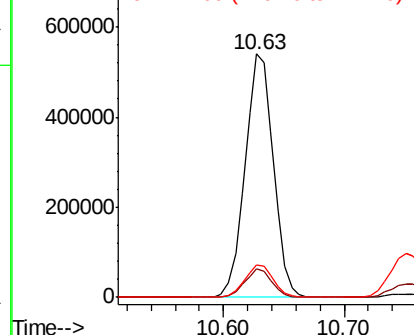
Tot Ion:	128	Resp:	883574
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.0	13.4
127	13.4	10.4	15.6

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.097 ng

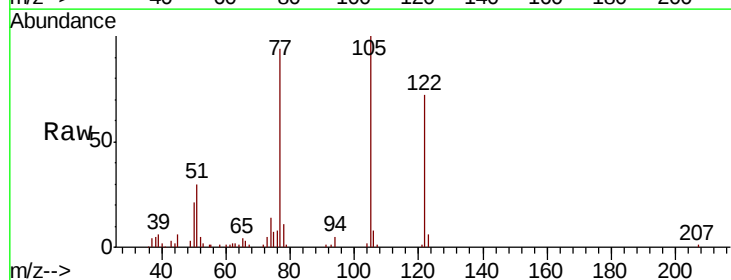
RT: 9.87 min Scan# 1170

Delta R.T. 0.01 min

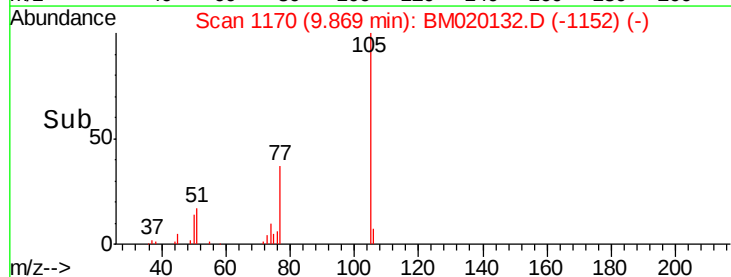
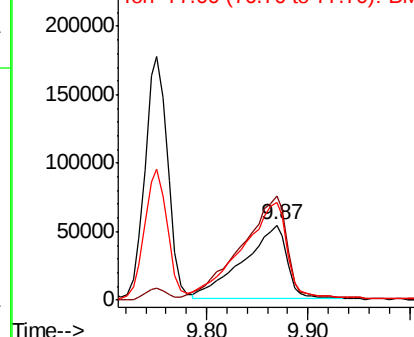
Lab File: BM020132.D

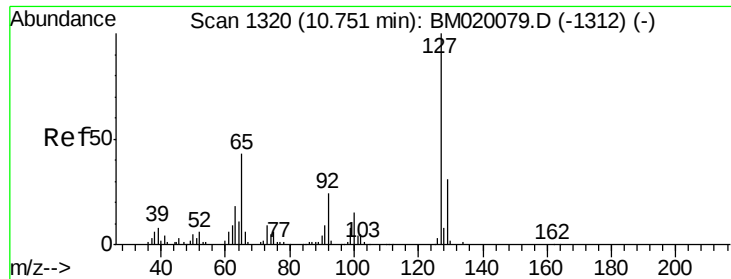
Acq: 06 May 2019 12:59

Tgt Ion:	122	Resp:	160195
Ion Ratio	Lower	Upper	
122	100		
105	138.6	122.5	162.5
77	131.0	123.3	163.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E





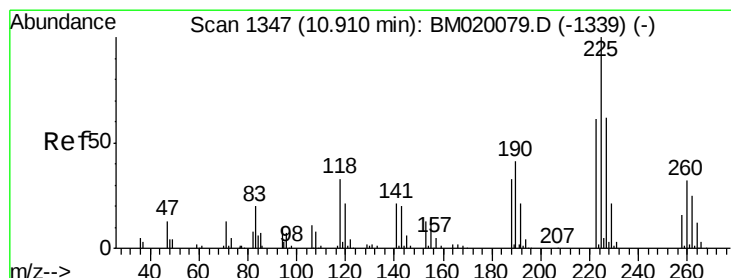
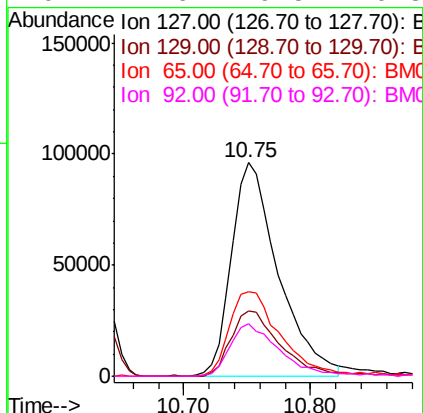
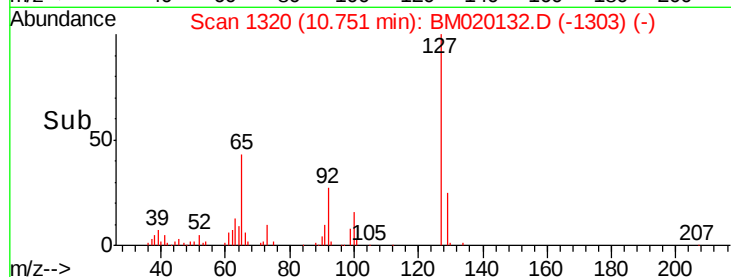
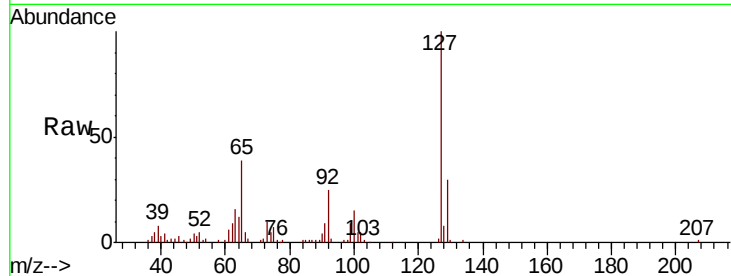
#33
4-Chloroaniline
Concen: 26.312 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.4	24.7	37.1		
65	39.4	34.6	52.0		
92	24.6	19.5	29.3		

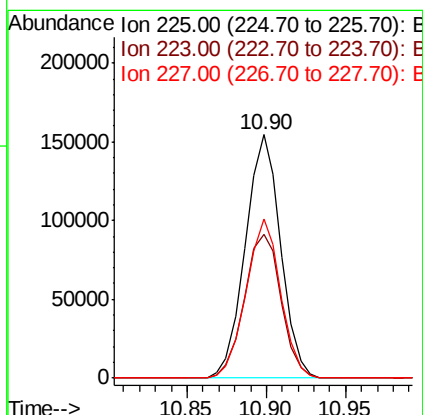
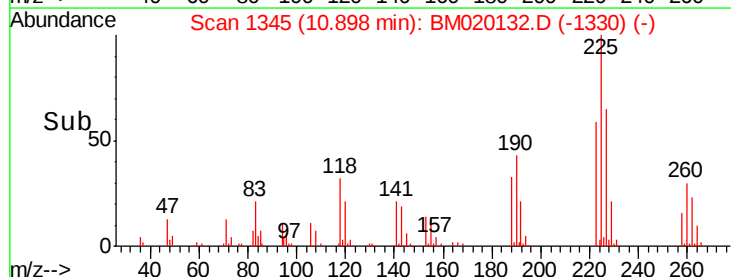
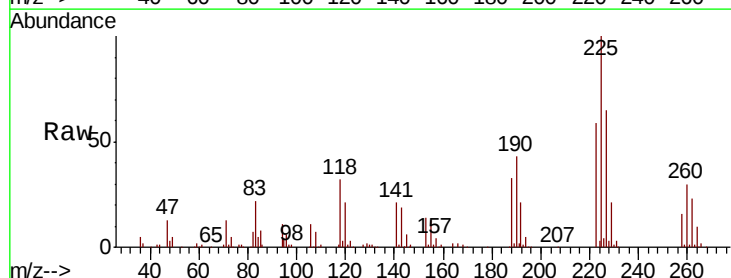
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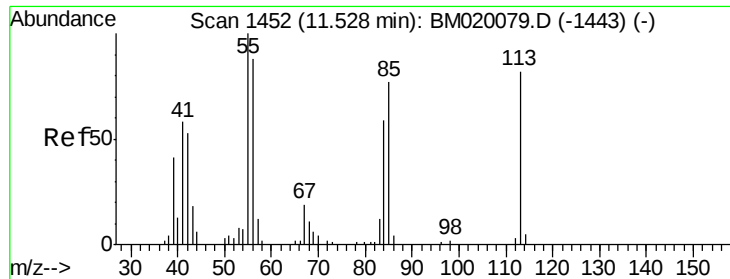
mohammad
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#34
Hexachlorobutadiene
Concen: 37.459 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.3	48.9	73.3		
227	65.1	49.6	74.4		





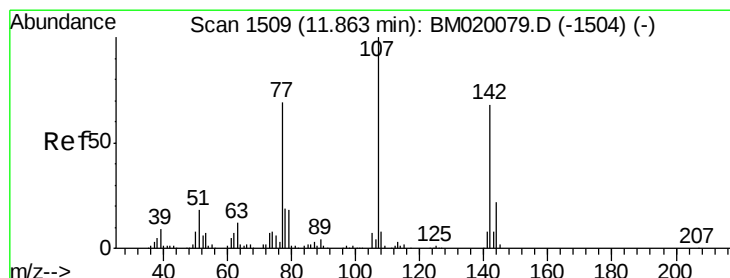
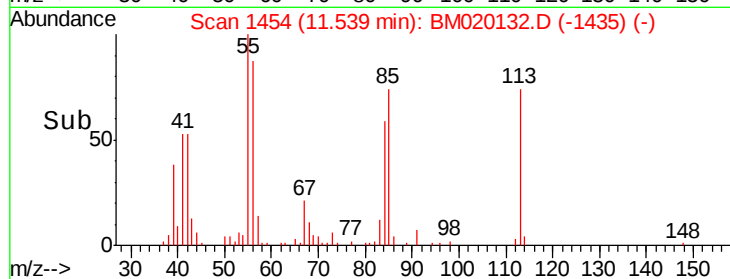
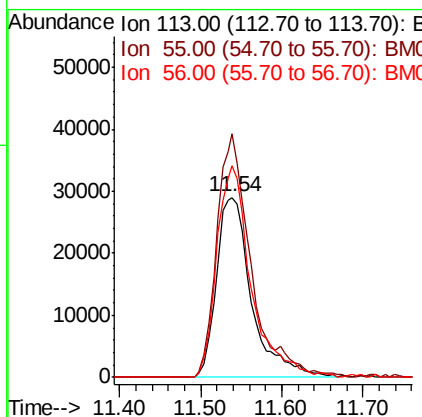
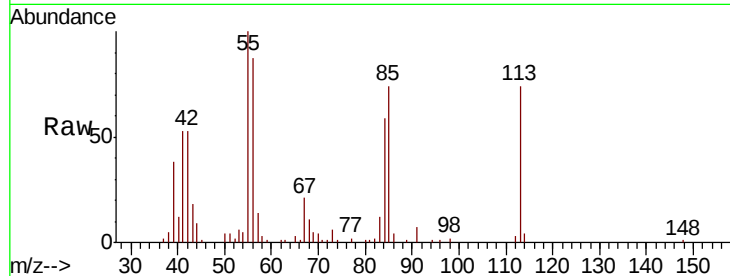
#35
 Caprolactam
 Concen: 39.894 ng/ml
 RT: 11.54 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.3	102.5	142.5
56	117.9	87.7	127.7

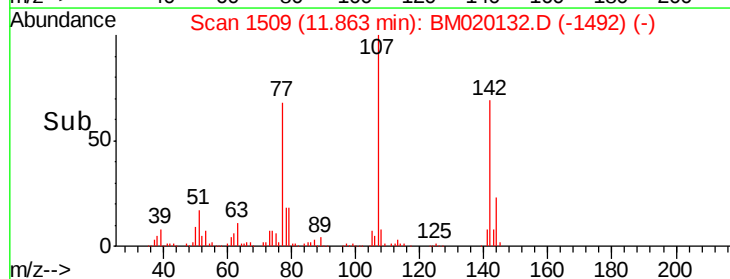
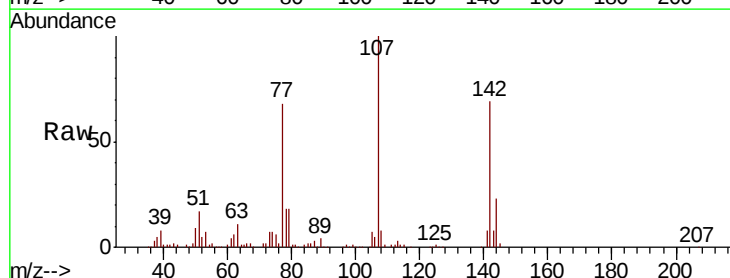
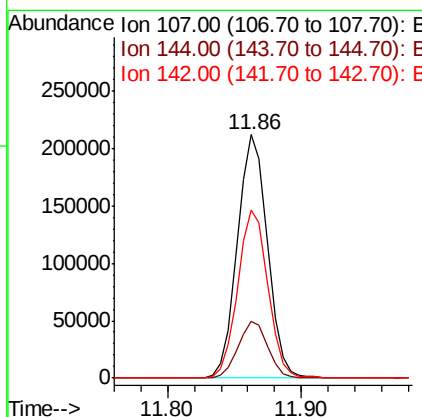
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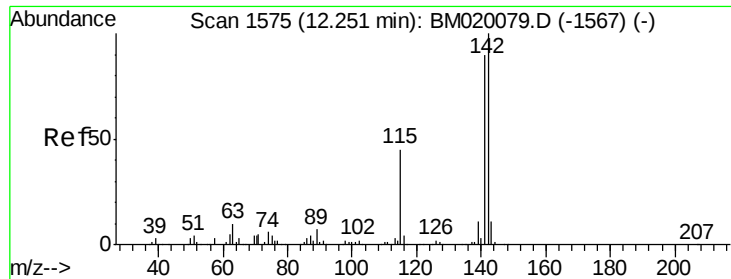
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.476 ng/ml
 RT: 11.86 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	17.6	26.4
142	68.9	54.6	82.0





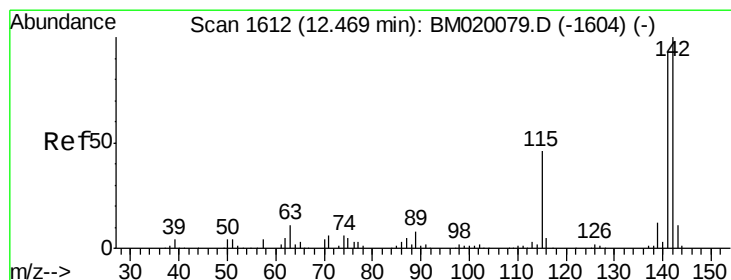
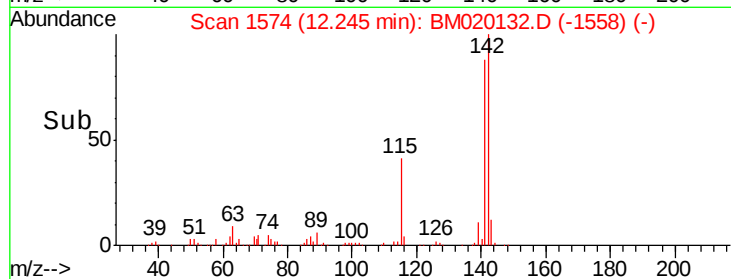
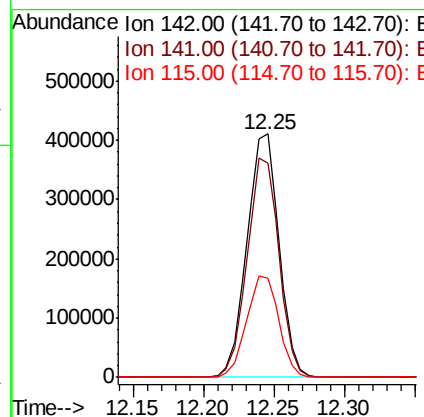
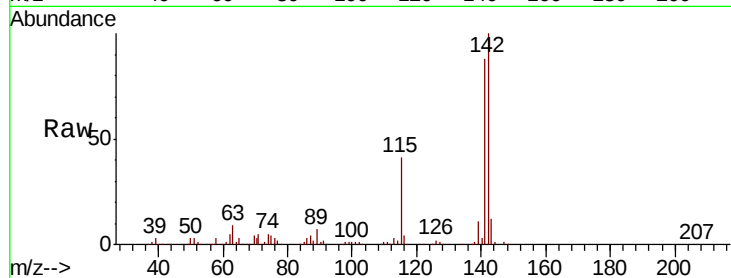
#37
2-Methylnaphthalene
Concen: 39.349 ng
RT: 12.25 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.6	107.4
115	40.8	35.8	53.6

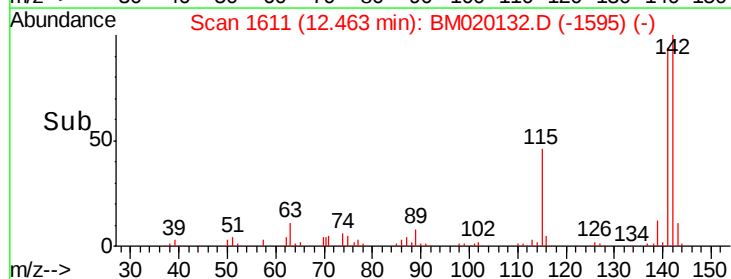
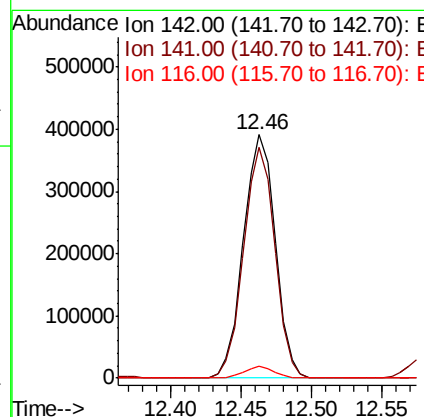
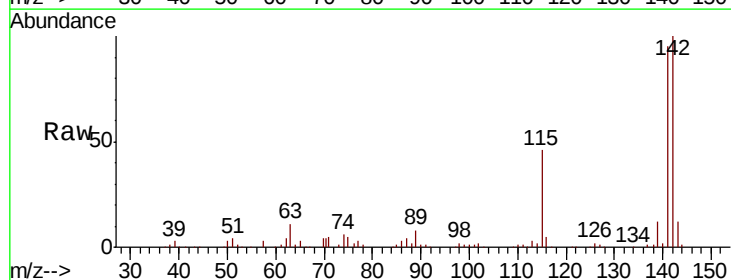
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#38
1-Methylnaphthalene
Concen: 38.059 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	74.8	112.2
116	4.7	3.9	5.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

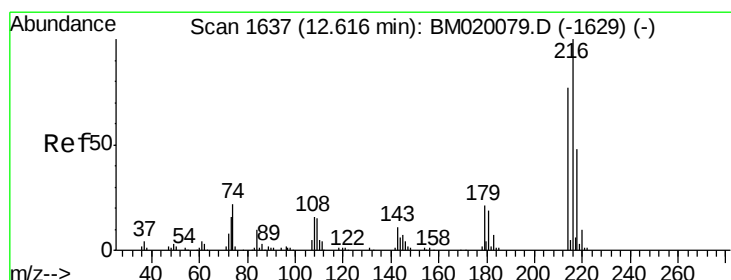
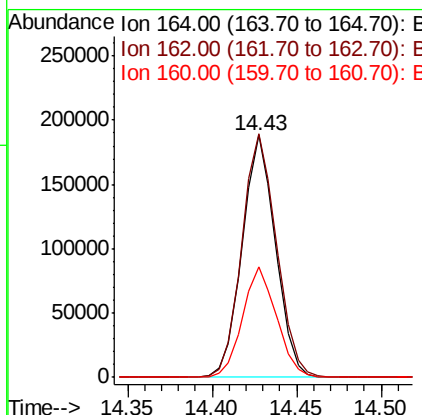
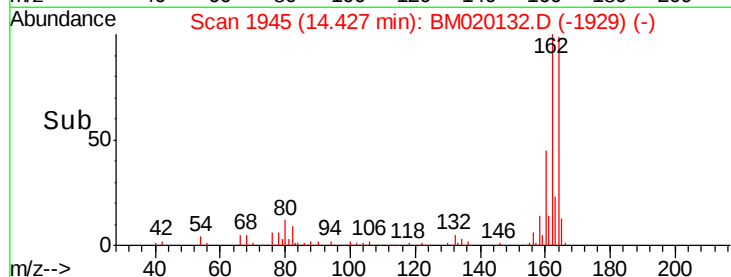
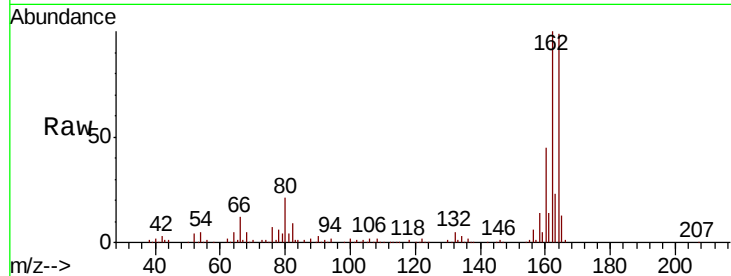
ClientSampled :

PB119435BS

Tot Ion:	164	Resp:	258952
Ion Ratio	Lower	Upper	
164	100		
162	100.7	82.2	123.2
160	45.7	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.753 ng

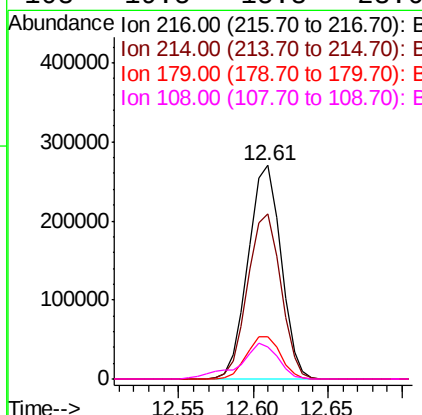
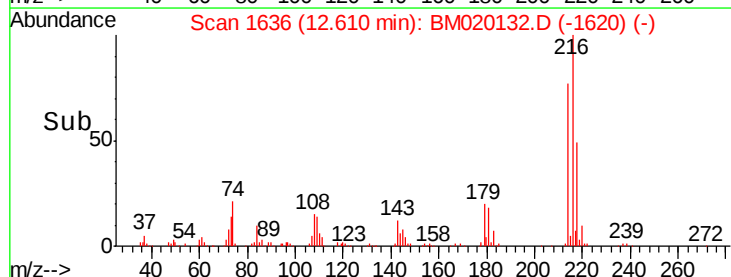
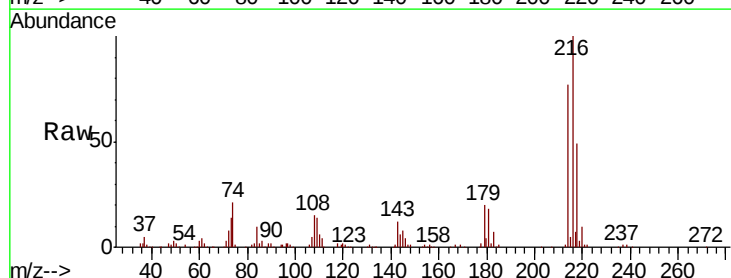
RT: 12.61 min Scan# 1636

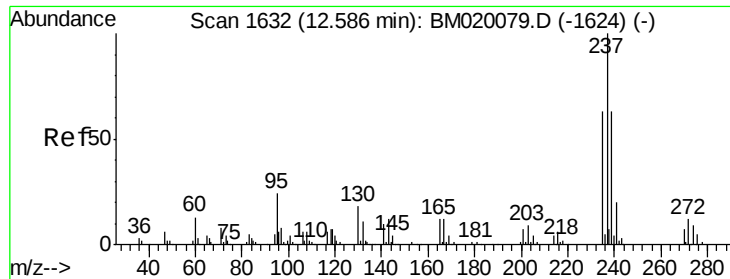
Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:	216	Resp:	412878
Ion Ratio	Lower	Upper	
216	100		
214	78.1	62.6	94.0
179	20.4	17.1	25.7
108	19.5	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 67.427 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

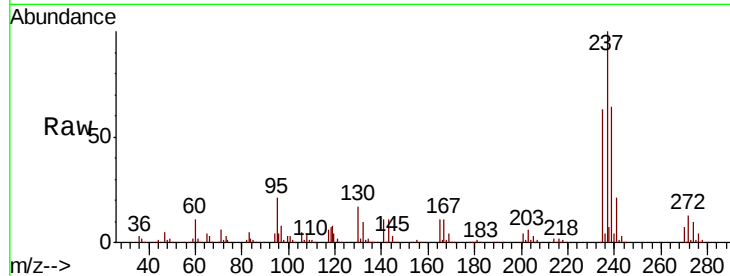
ClientSampleId :

PB119435BS

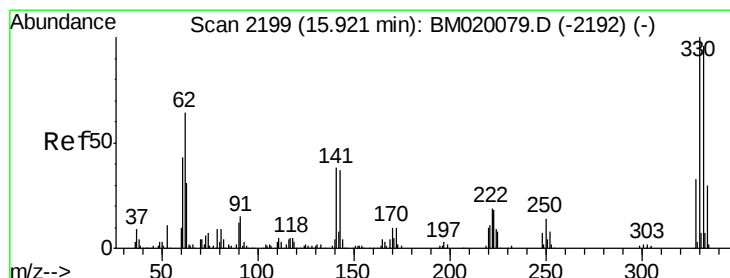
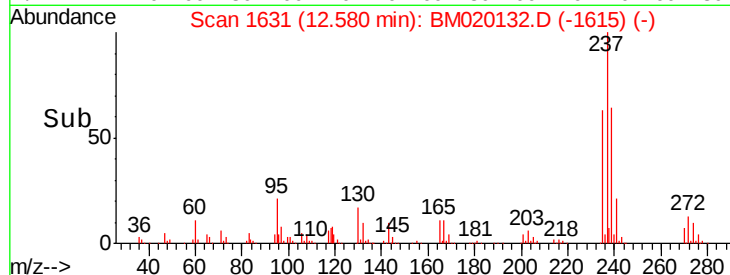
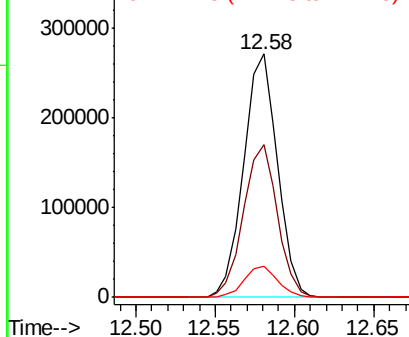
Tot Ion:	237	Resp:	402224
Ion Ratio		Lower	Upper
237	100		
235	62.7	43.4	83.4
272	12.7	0.0	31.7

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.476 ng

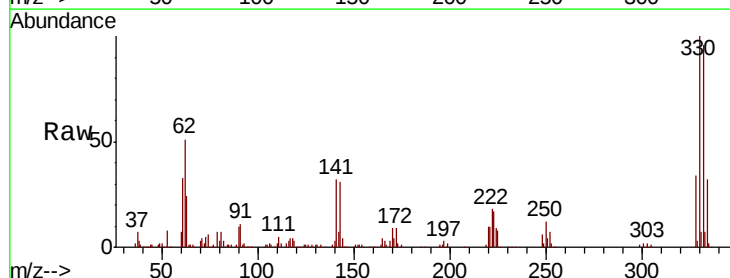
RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

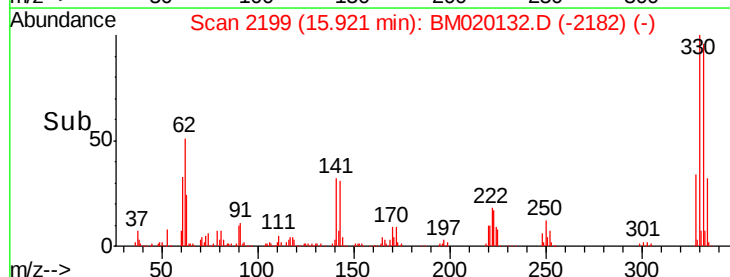
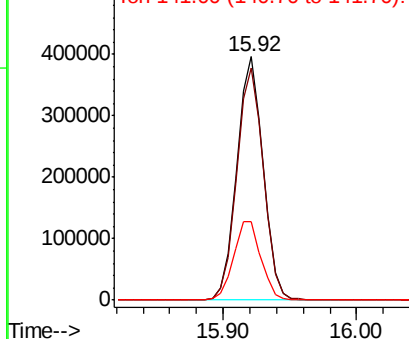
Lab File: BM020132.D

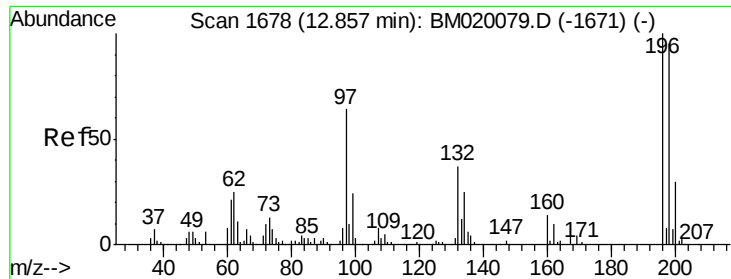
Acq: 06 May 2019 12:59

Tgt Ion:	330	Resp:	540515
Ion Ratio		Lower	Upper
330	100		
332	96.5	76.8	115.2
141	34.0	29.2	43.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





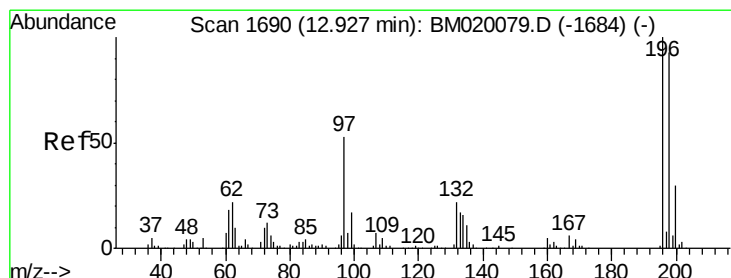
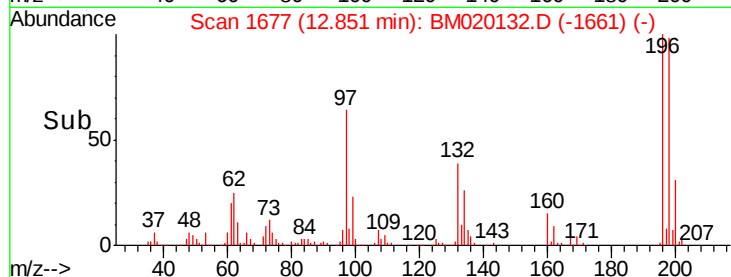
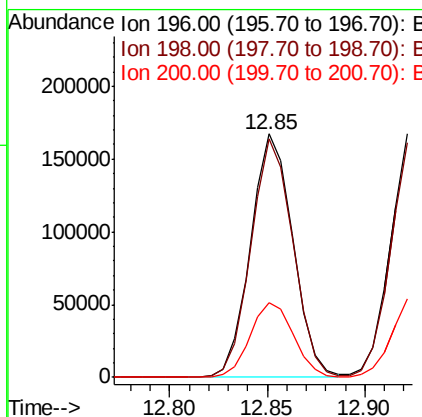
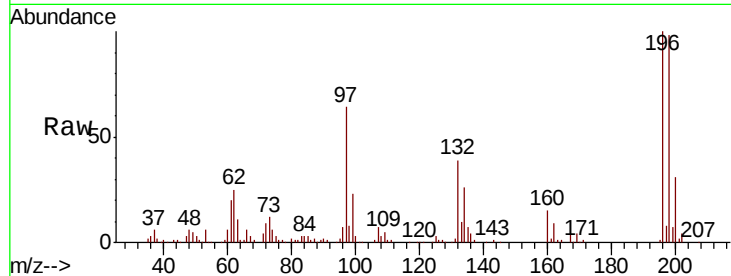
#43
 2,4,6-Trichlorophenol
 Concen: 43.647 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	251311		
198	98.2	76.2	114.2	
200	30.9	24.3	36.5	

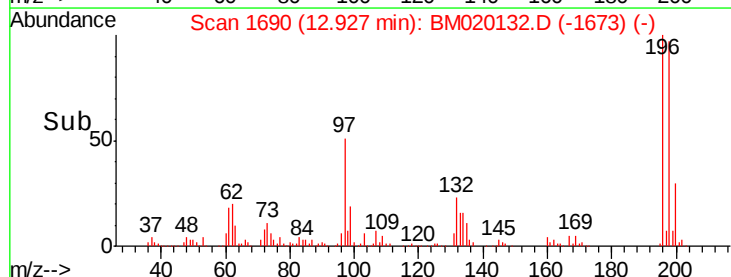
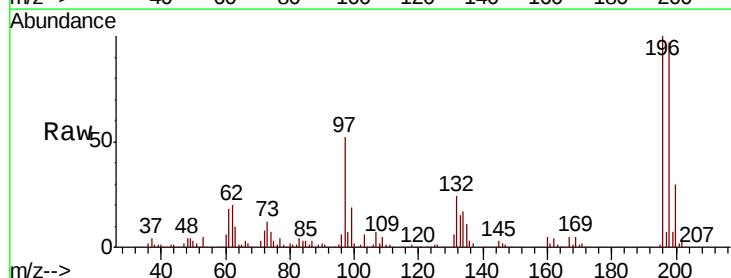
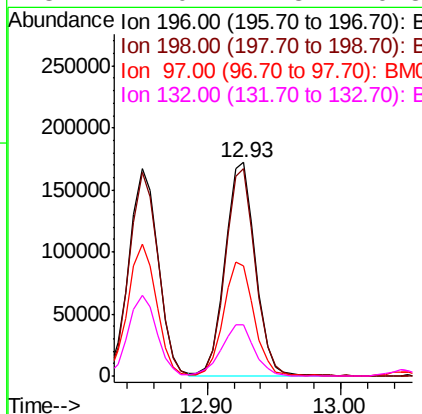
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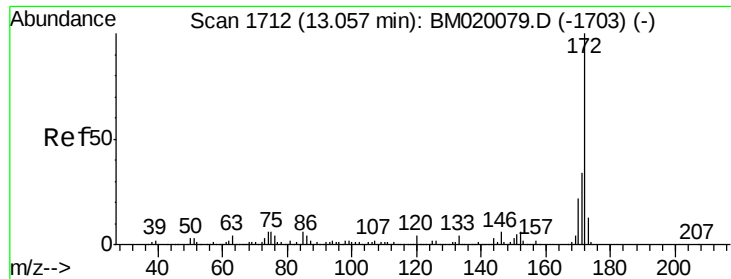
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#44
 2,4,5-Trichlorophenol
 Concen: 42.311 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272155		
198	96.8	74.7	112.1	
97	51.8	42.2	63.4	
132	24.0	17.8	26.8	





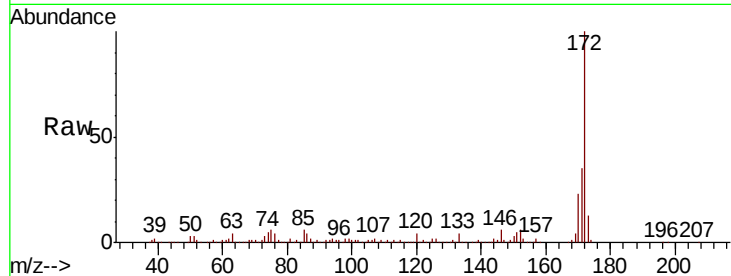
#45
2-Fluorobiphenyl
Concen: 75.582 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	23.3	17.9	26.9

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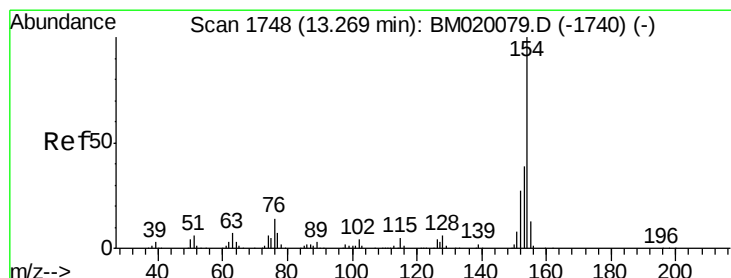
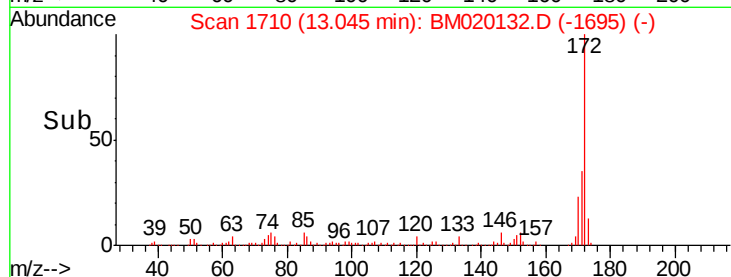
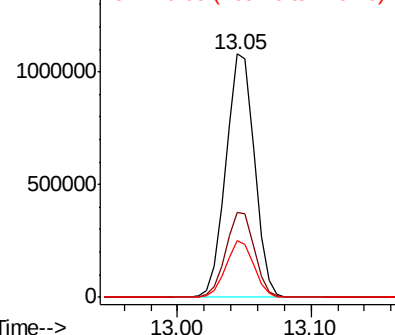


Abundance

Ion 172.00 (171.70 to 172.70): E

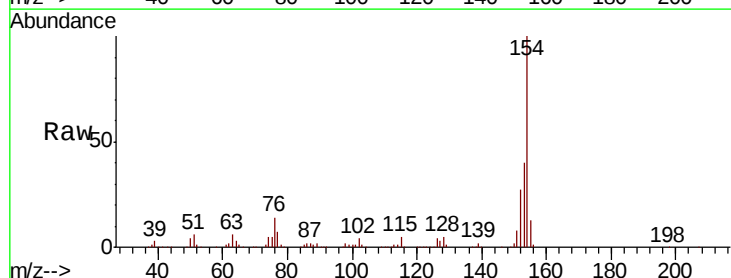
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.946 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	19.4	59.4
76	13.8	0.0	34.5

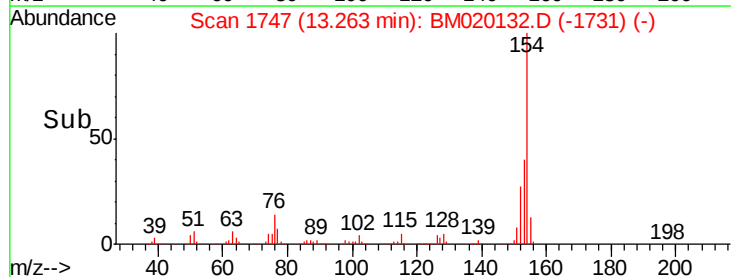
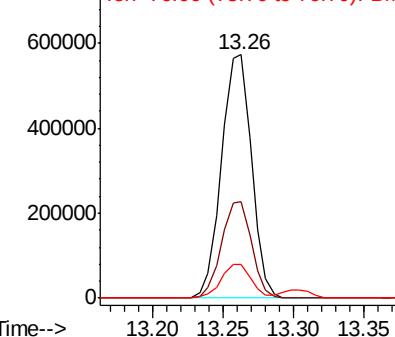


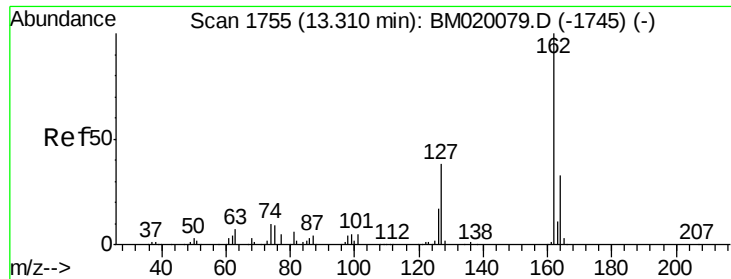
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





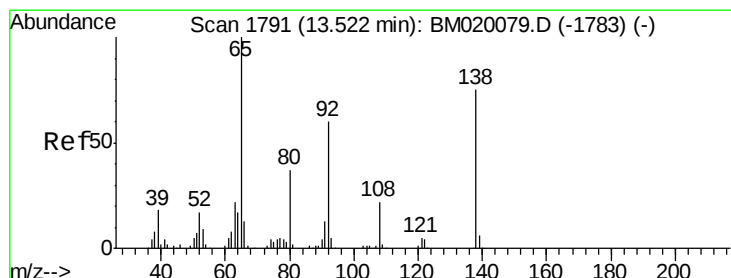
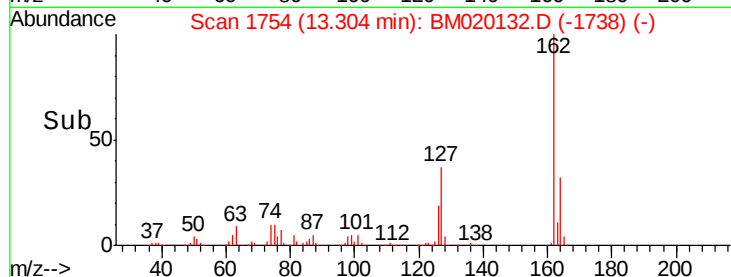
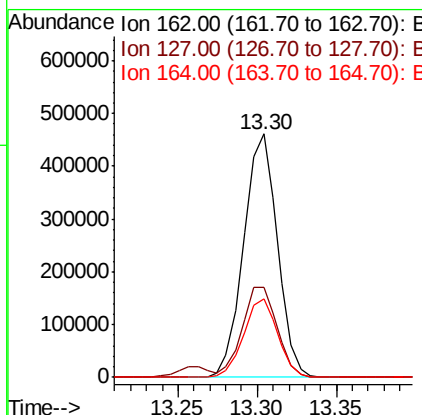
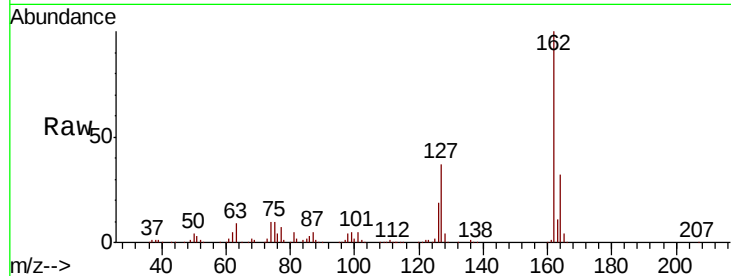
#47
2-Chloronaphthalene
Concen: 40.055 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.1	31.0	46.4
164	32.4	26.2	39.2

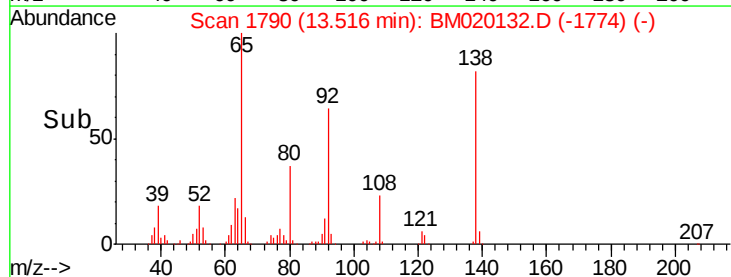
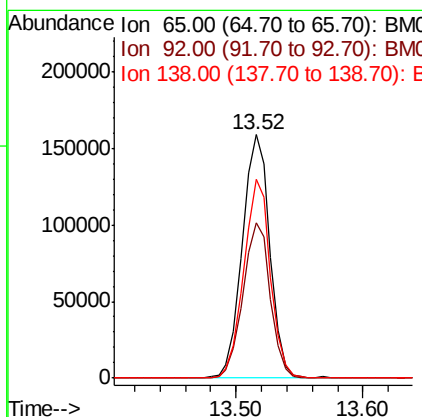
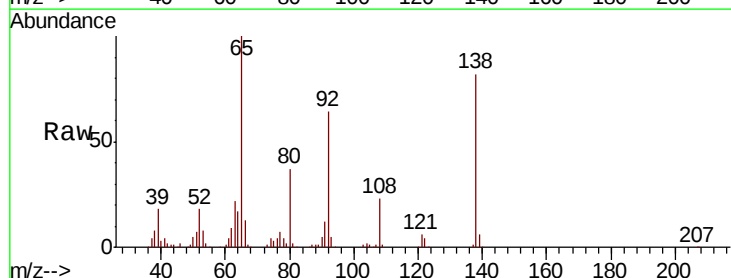
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#48
2-Nitroaniline
Concen: 39.390 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.0	48.2	72.4
138	81.6	60.3	90.5





#49

Acenaphthylene

Concen: 38.058 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

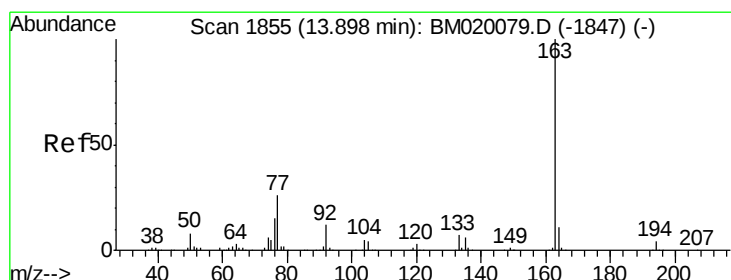
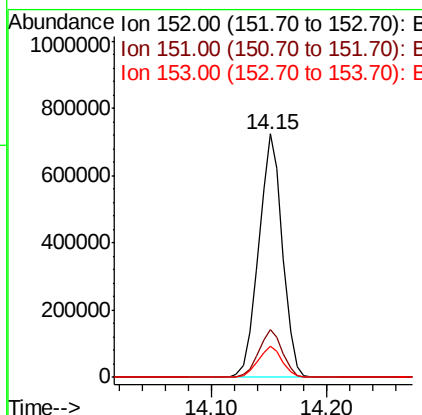
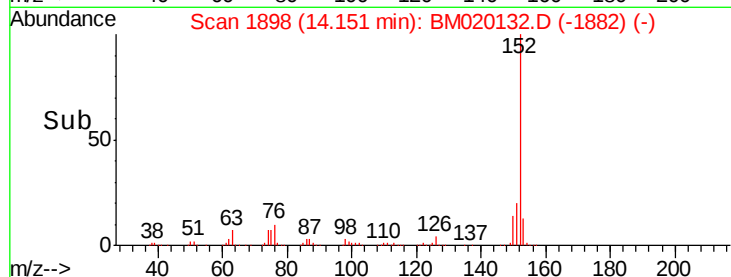
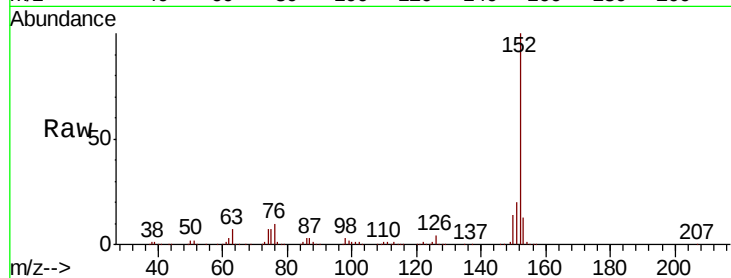
ClientSampleId :

PB119435BS

Tot Ion:	152	Resp:	1036516
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	12.8	10.6	16.0

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#50

Dimethylphthalate

Concen: 37.949 ng

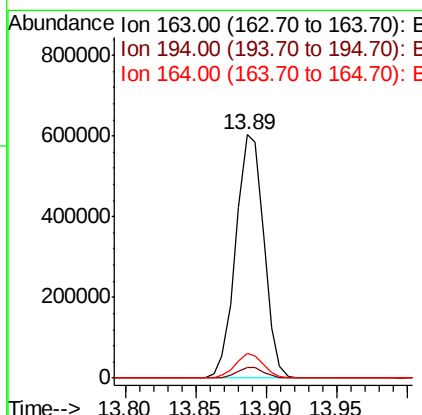
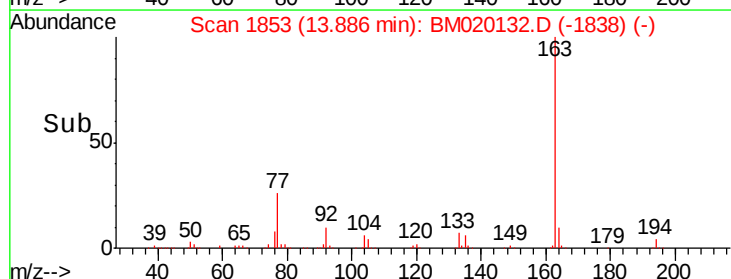
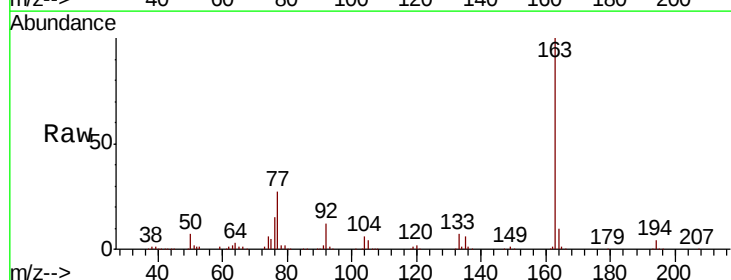
RT: 13.89 min Scan# 1853

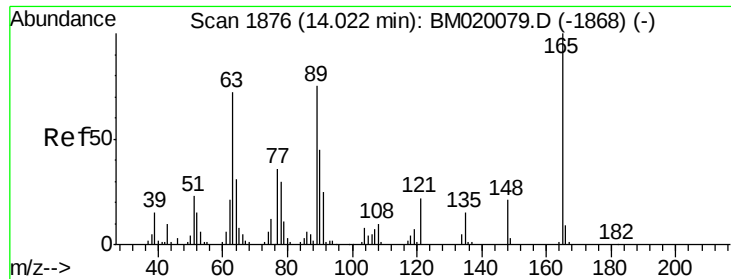
Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:	163	Resp:	835222
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.3	8.4	12.6





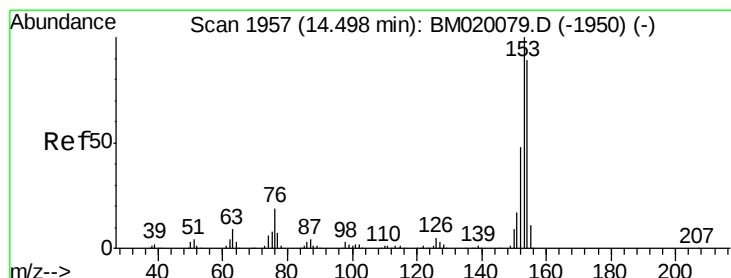
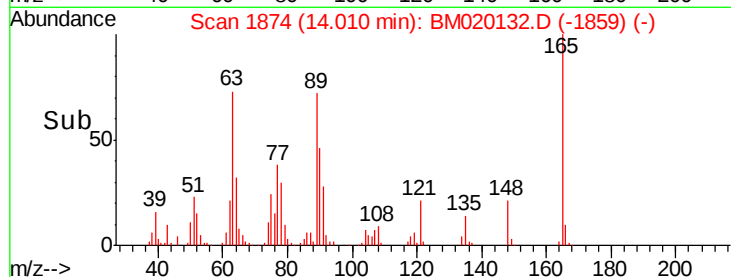
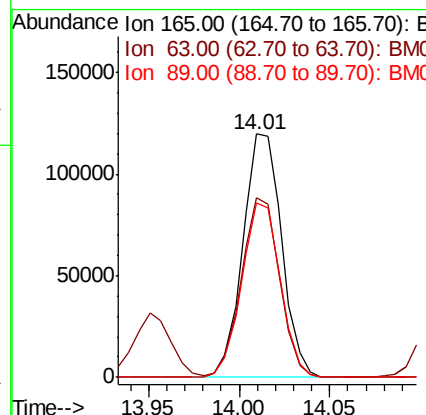
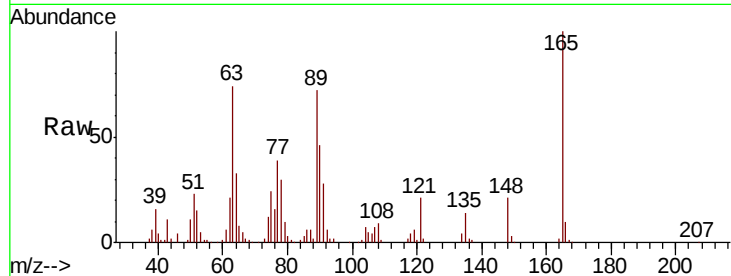
#51
 2,6-Dinitrotoluene
 Concen: 38.324 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	177652		
63	73.9	60.3	90.5	
89	71.8	59.8	89.6	

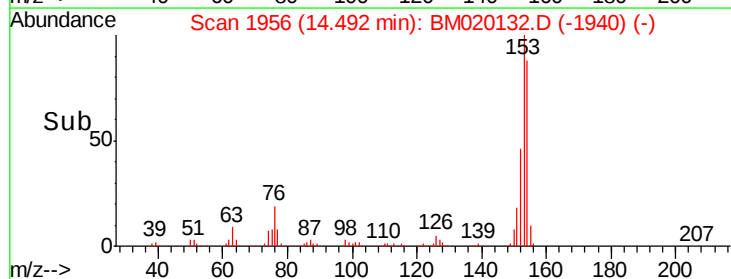
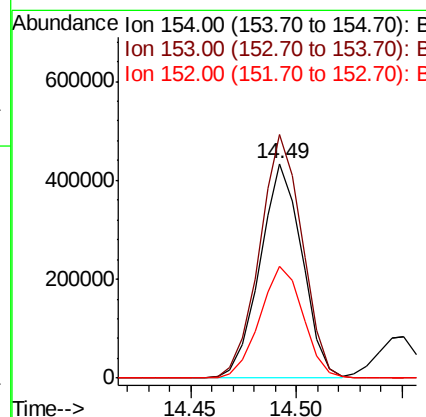
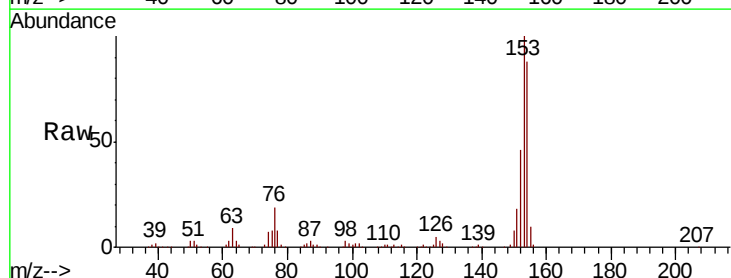
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#52
 Acenaphthene
 Concen: 38.534 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	601824		
153	113.4	90.2	135.2	
152	51.9	43.0	64.4	





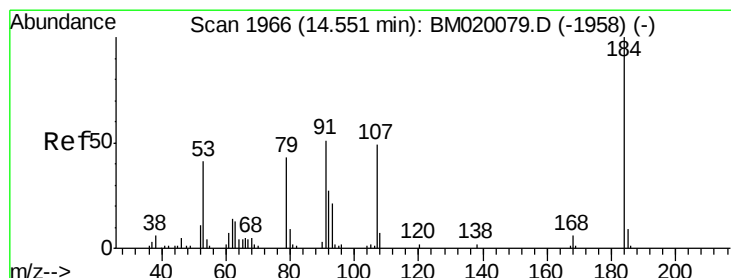
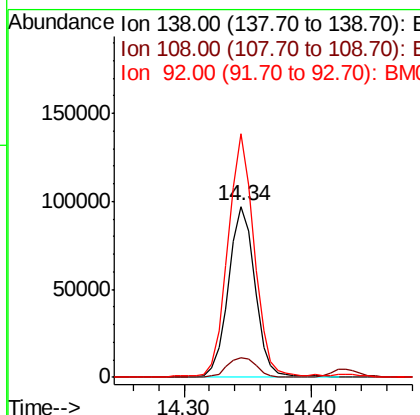
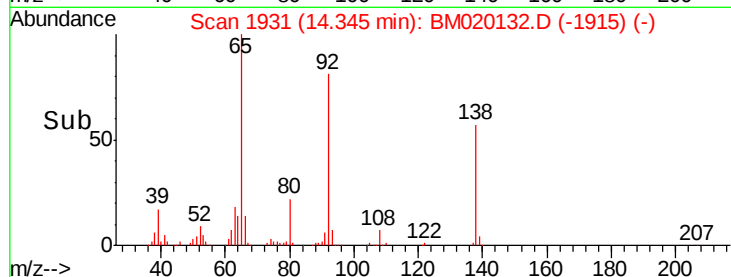
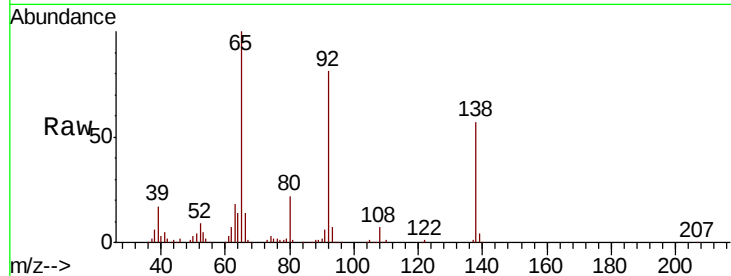
#53
3-Nitroaniline
Concen: 32.739 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	10.4	15.6
92	142.6	111.3	166.9

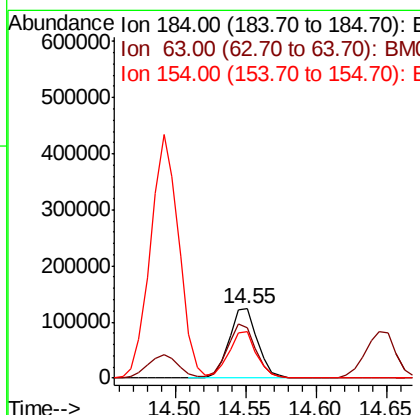
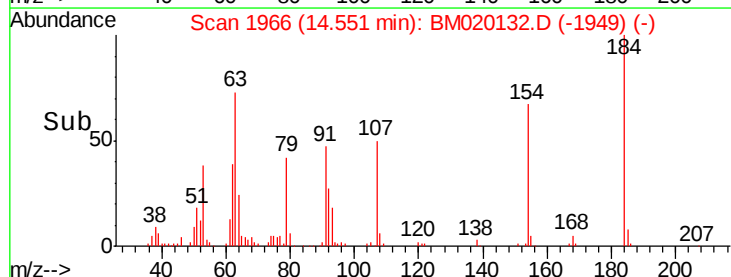
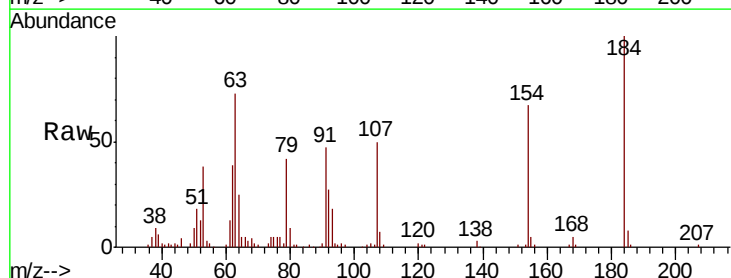
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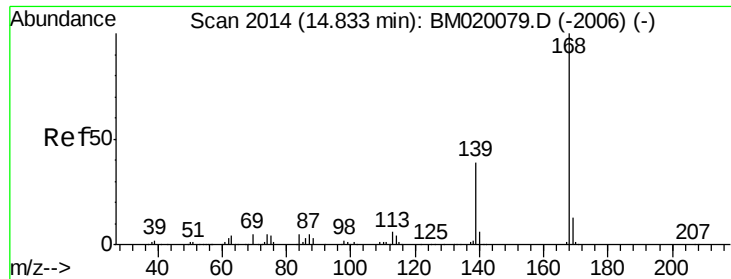
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#54
2,4-Dinitrophenol
Concen: 75.457 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.2	68.9	103.3
154	67.1	54.4	81.6





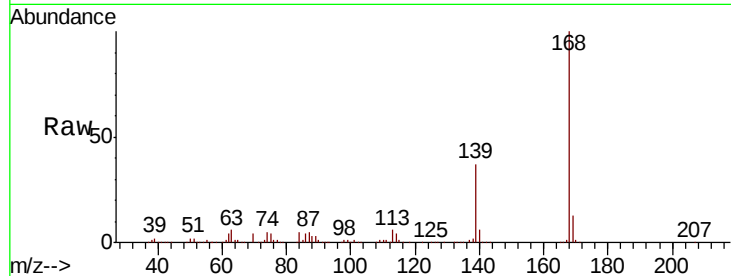
#55
Dibenzofuran
Concen: 38.571 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.7	31.1	46.7
169	13.1	10.6	16.0

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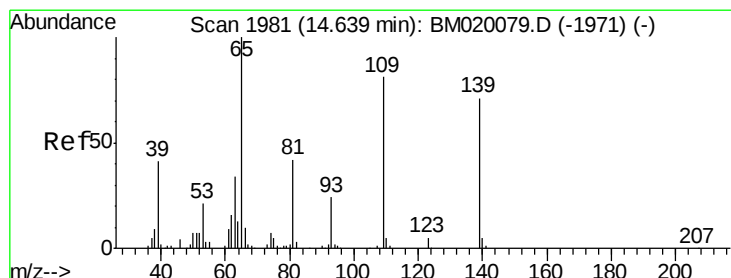
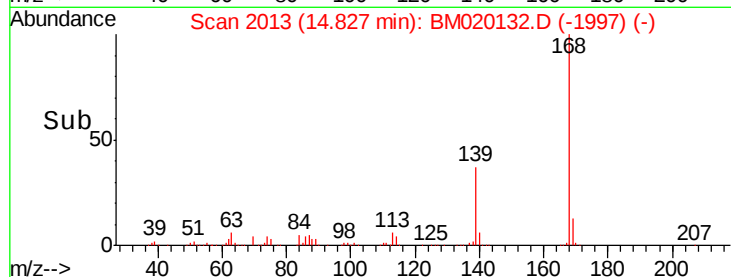
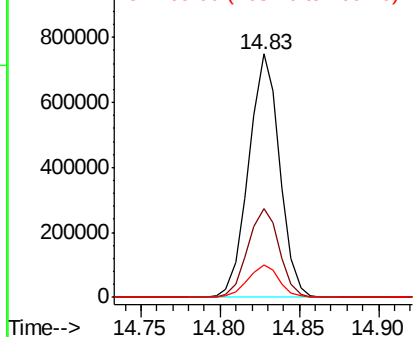


Abundance

Ion 168.00 (167.70 to 168.70): E

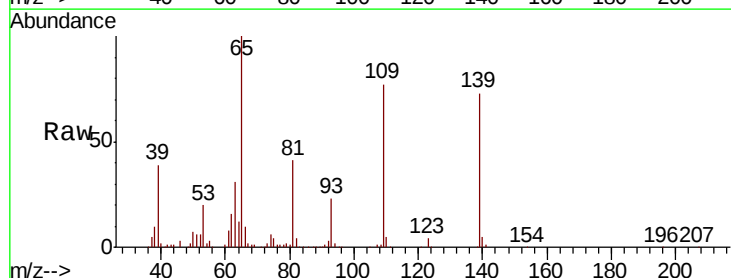
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 80.974 ng
RT: 14.64 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.9	94.1	134.1
65	137.9	120.9	160.9

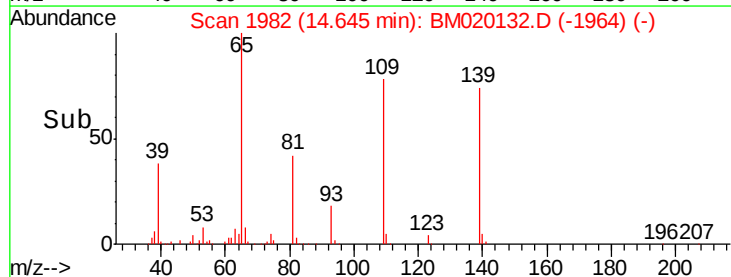
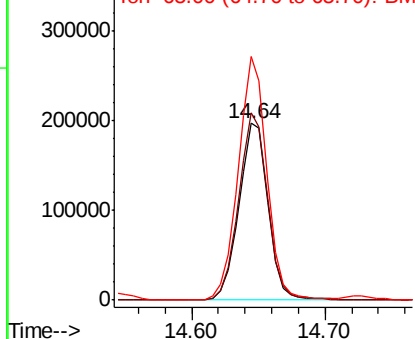


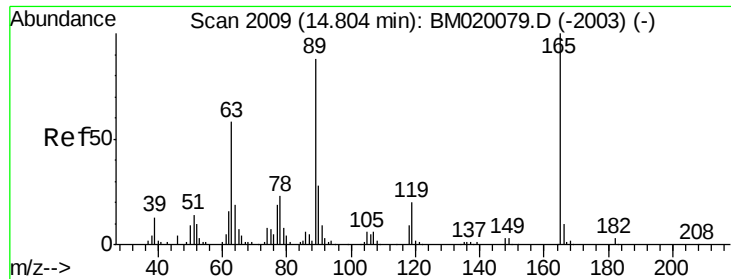
Abundance

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





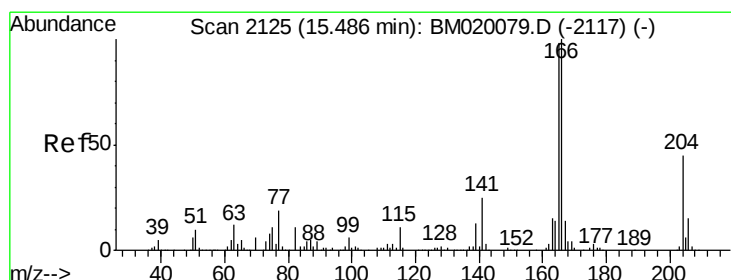
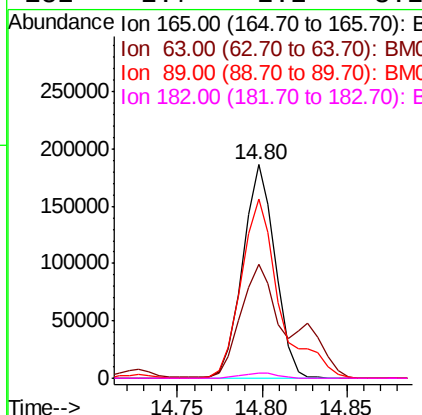
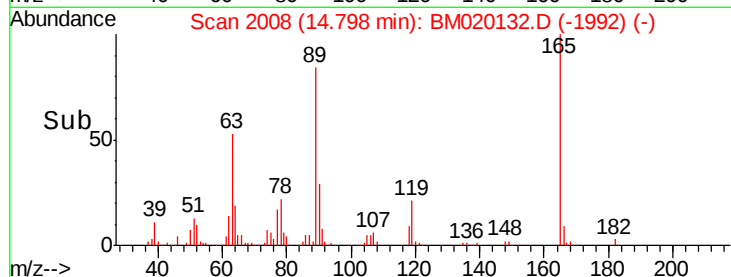
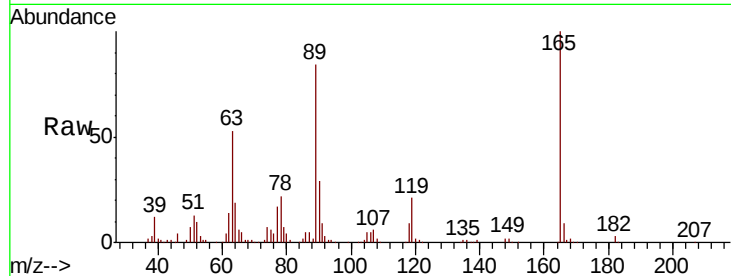
#57
2,4-Dinitrotoluene
Concen: 39.500 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		248806		
63	53.2	46.2	69.2		
89	84.0	70.6	105.8		
182	2.7	2.2	3.2		

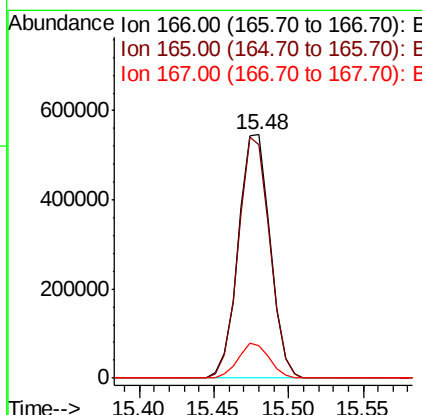
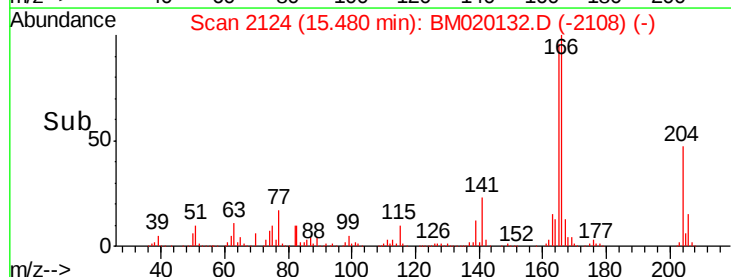
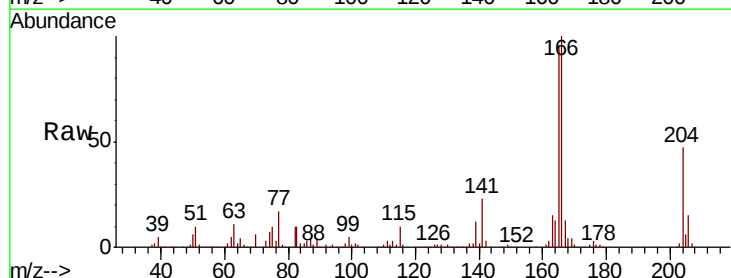
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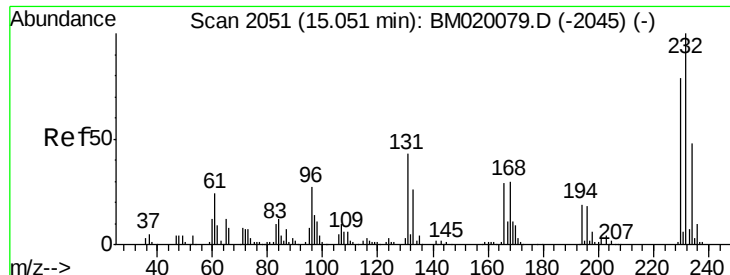
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#58
Fluorene
Concen: 37.303 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		807077		
165	96.0	78.2	117.2		
167	13.4	11.0	16.4		





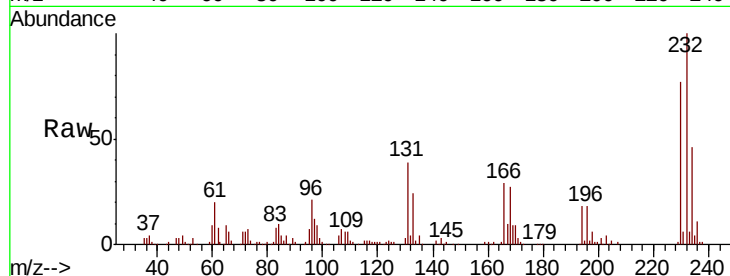
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.168 ng
 RT: 15.05 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	251644		
131	42.0		34.2	51.4
130	2.5		2.0	3.0
166	30.1		23.8	35.8

Manual Integrations
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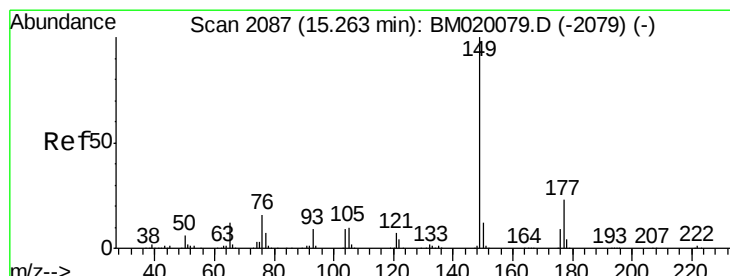
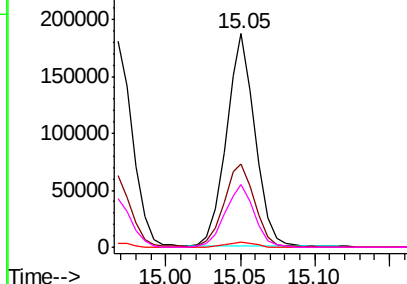
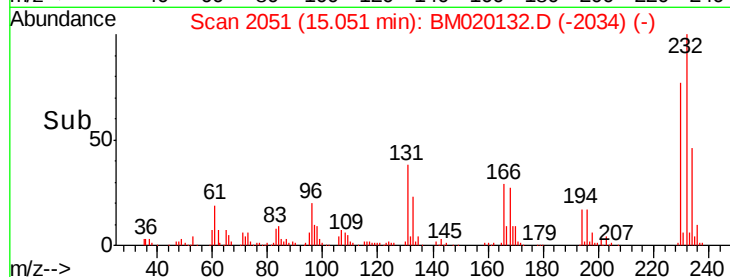
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

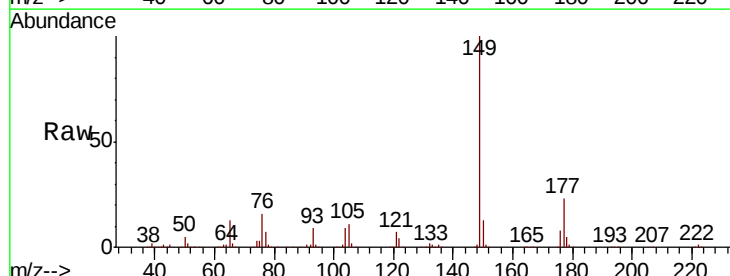
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.629 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	812196		
177	23.3		18.2	27.4
150	12.8		9.9	14.9

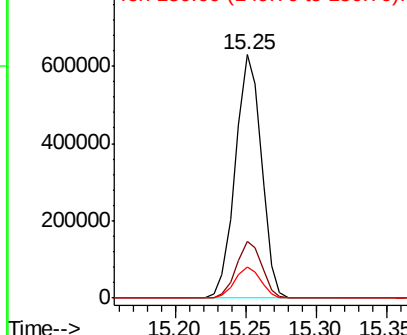
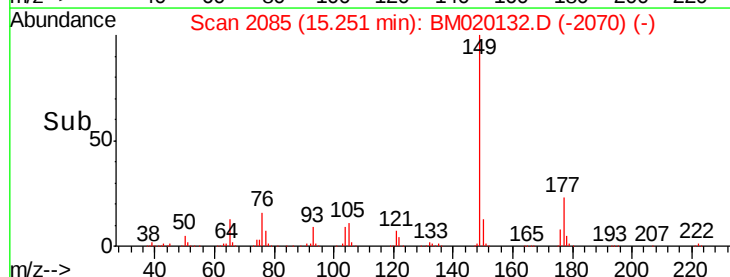


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





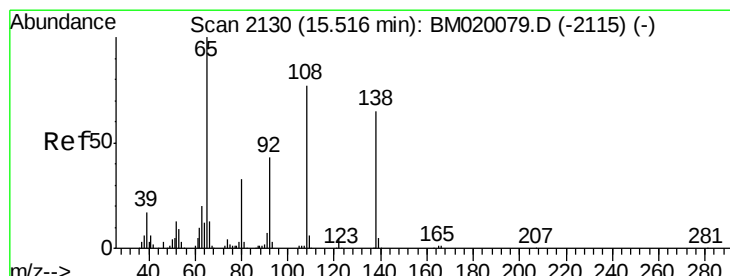
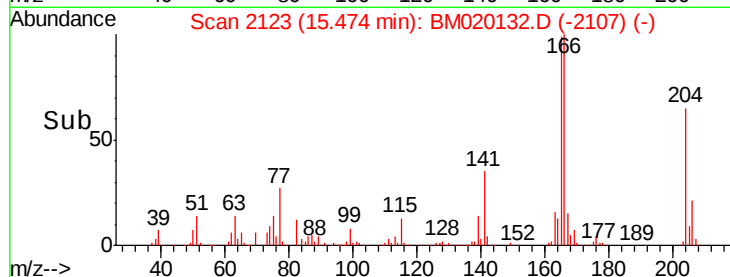
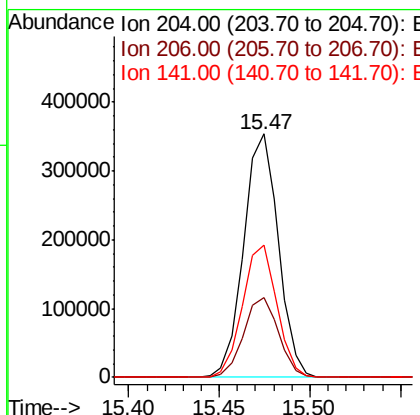
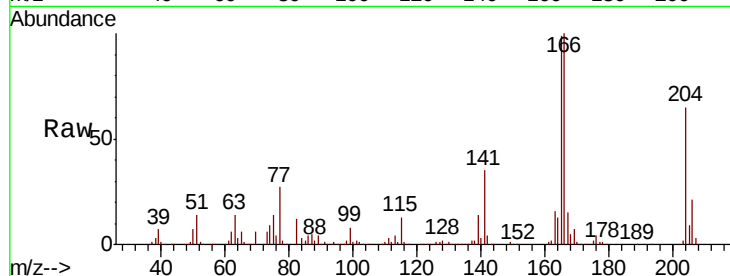
#61
4-Chlorophenyl-phenylether
Concen: 38.324 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	469811		
206	32.9	25.6	38.4	
141	54.5	46.1	69.1	

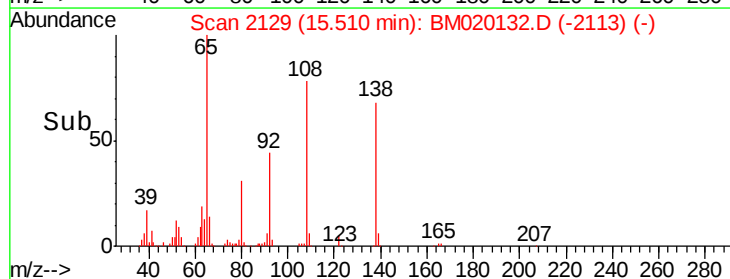
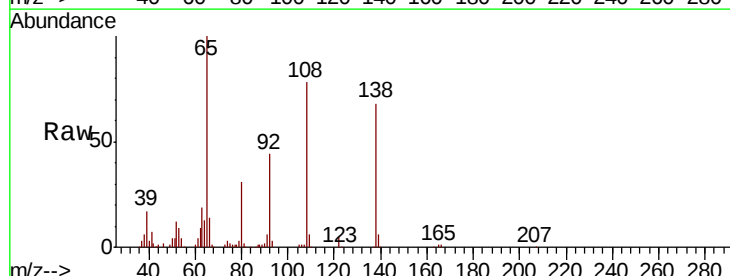
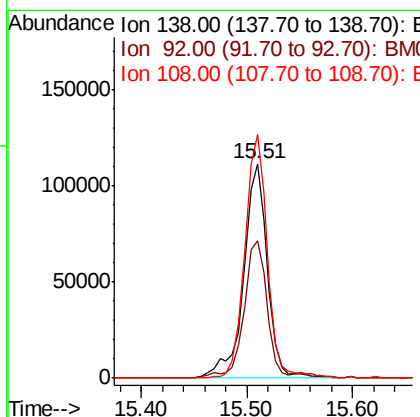
Manual Integrations
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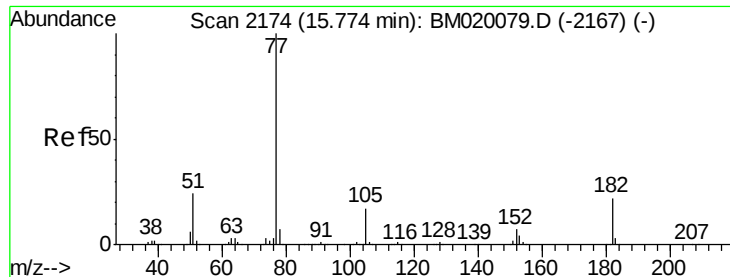
mohammad
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#62
4-Nitroaniline
Concen: 36.634 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	173937		
92	64.0	45.9	85.9	
108	113.6	97.7	137.7	





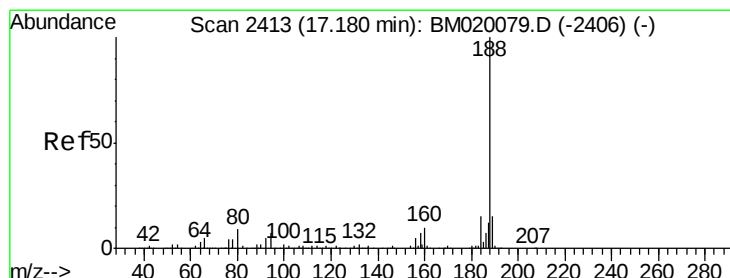
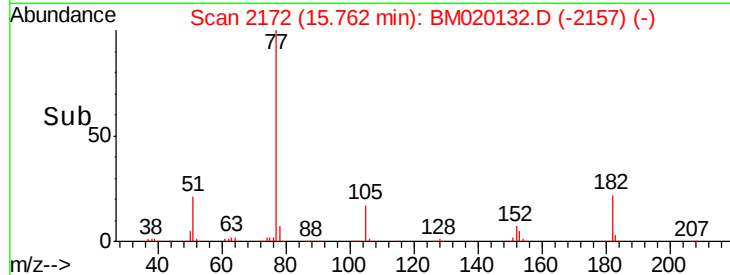
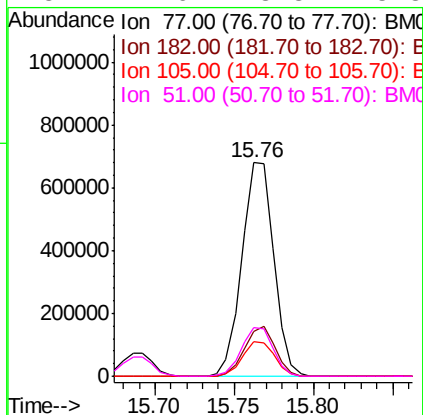
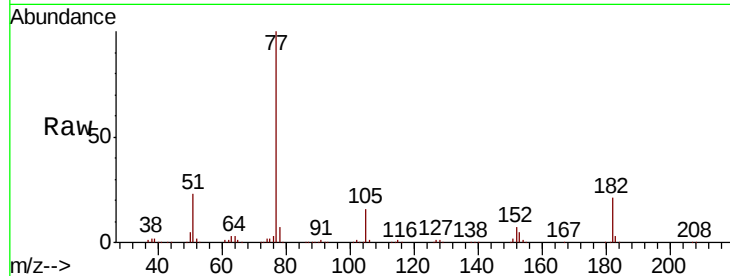
#63
Azobenzene
Concen: 36.322 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.2	2.1	42.1		
105	16.5	0.0	36.8		
51	22.6	3.8	43.8		

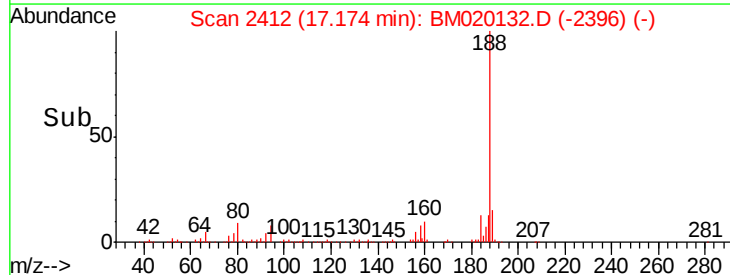
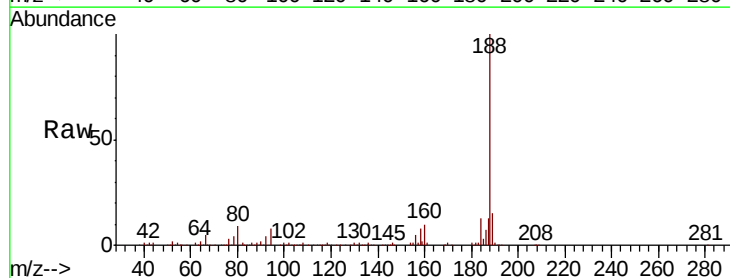
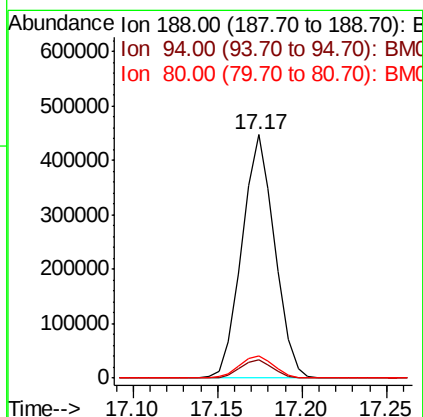
Manual Integrations
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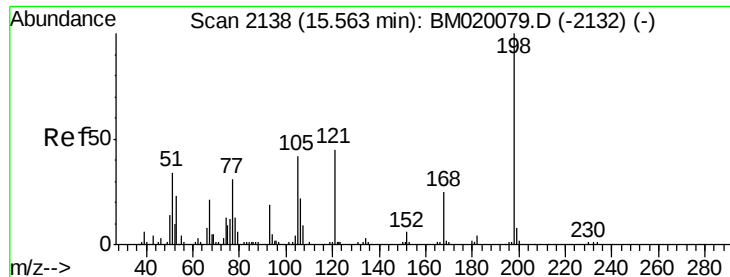
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.7	5.8	8.6		
80	9.2	7.4	11.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 37.753 ng

RT: 15.56 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

Tot Ion:198 Resp: 109638

Ion Ratio Lower Upper

198 100

51 34.2 16.5 56.5

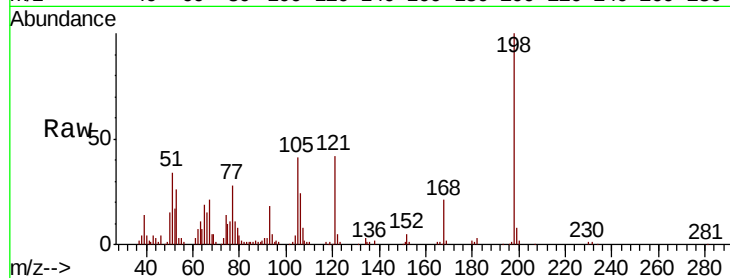
105 40.7 22.8 62.8

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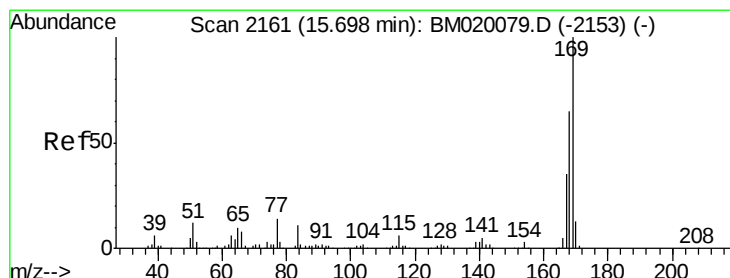
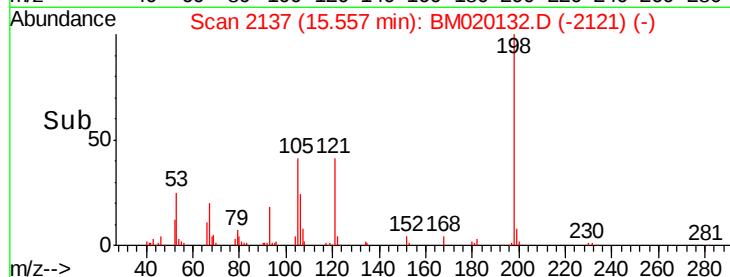
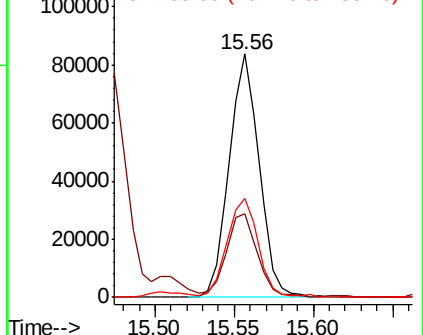
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.097 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

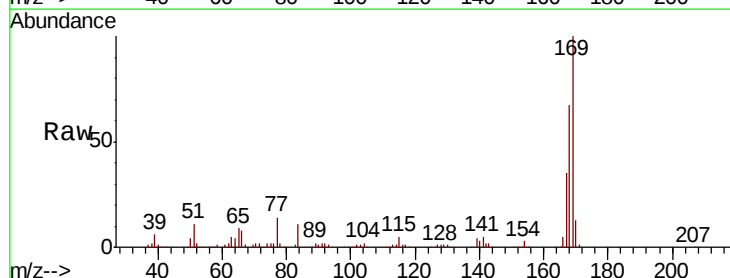
Tgt Ion:169 Resp: 713025

Ion Ratio Lower Upper

169 100

168 67.1 51.9 77.9

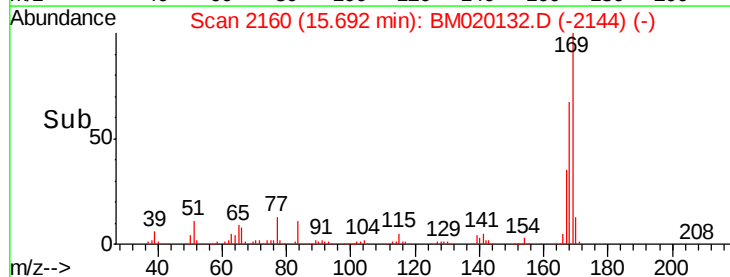
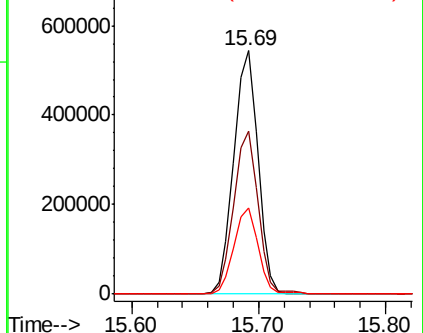
167 35.3 27.8 41.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





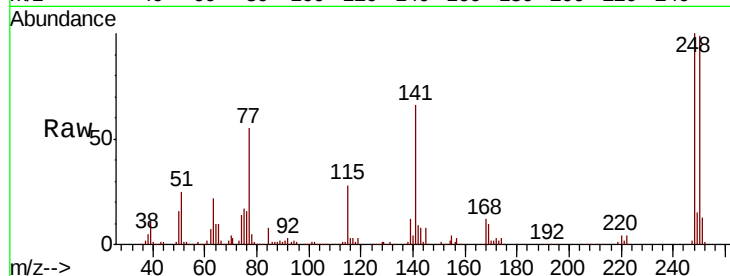
#67
4-Bromophenyl-phenylether
Concen: 38.021 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	281761		
250	99.4	78.4	117.6	
141	66.4	57.4	86.2	

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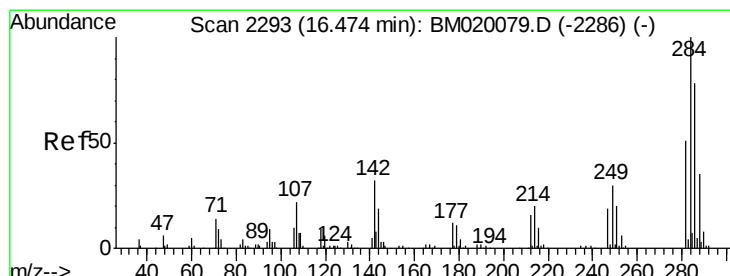
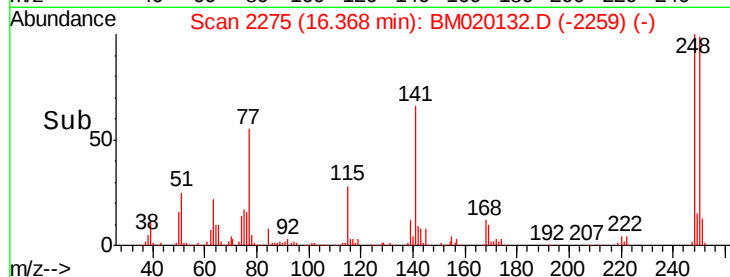
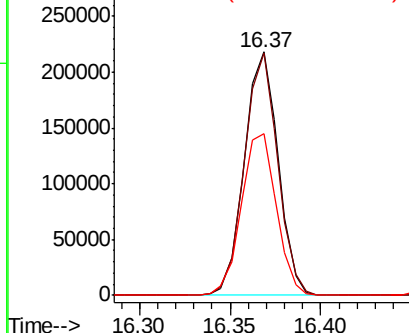


Abundance

Ion 248.00 (247.70 to 248.70): E

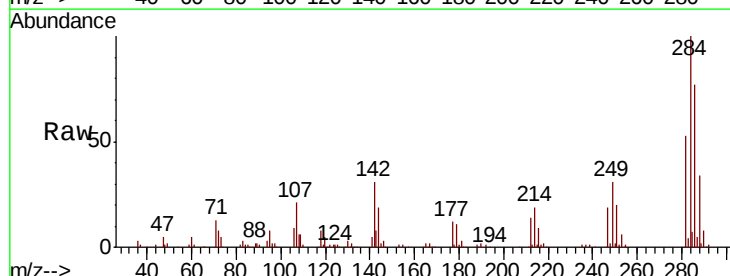
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.528 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	328555		
142	31.5	25.2	37.8	
249	30.6	23.6	35.4	

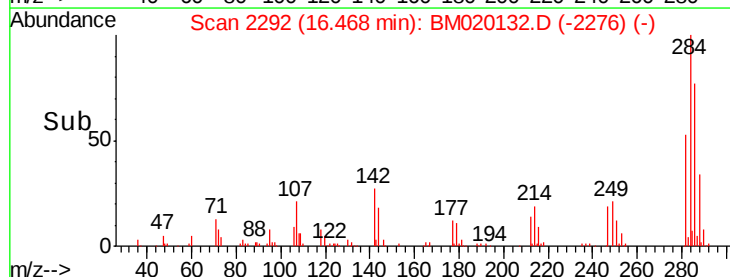
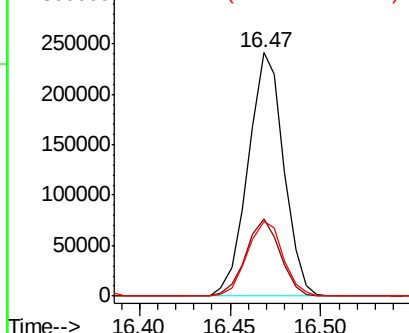


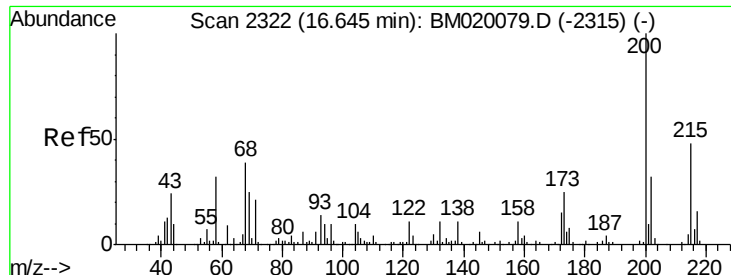
Abundance

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





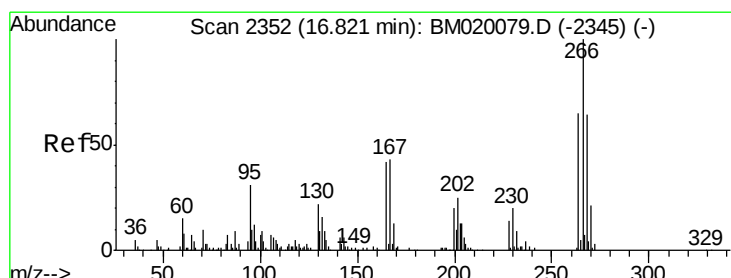
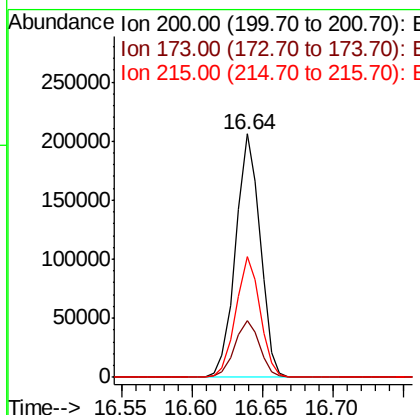
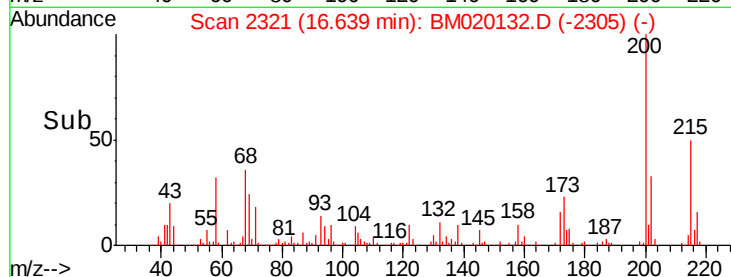
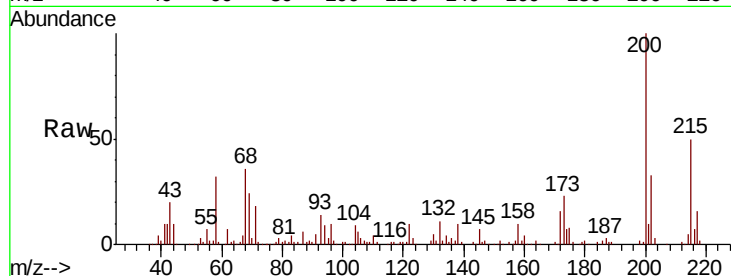
#69
Atrazine
Concen: 35.872 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.3	4.6	44.6
215	49.8	28.0	68.0

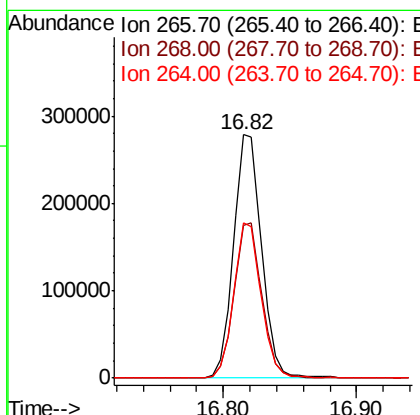
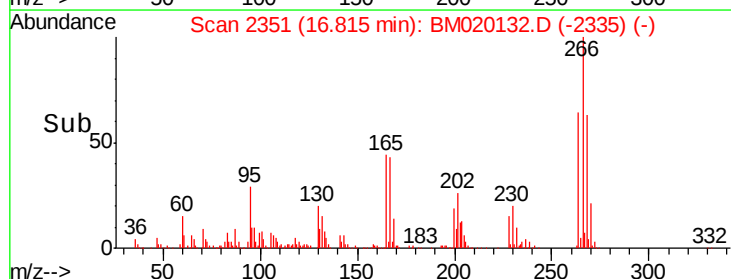
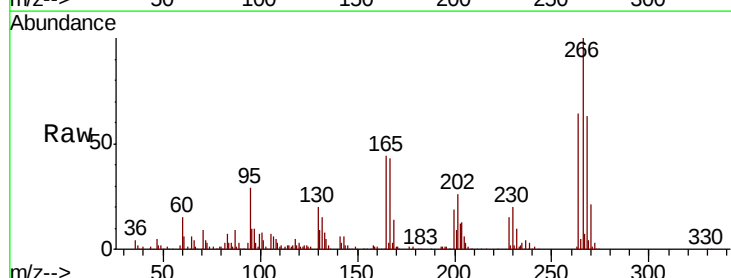
Manual Integrations
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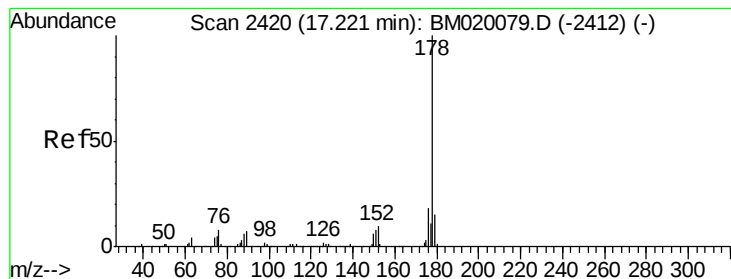
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#70
Pentachlorophenol
Concen: 83.352 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.4	77.0
264	63.6	52.0	78.0





#71

Phenanthrene

Concen: 38.679 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

Tot Ion:178 Resp: 1290312

Ion Ratio Lower Upper

178 100

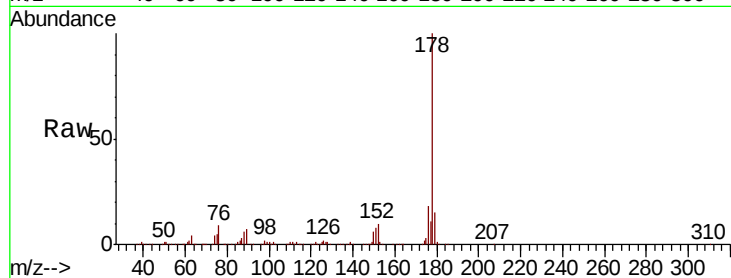
176 18.2 14.6 21.8

179 15.4 12.4 18.6

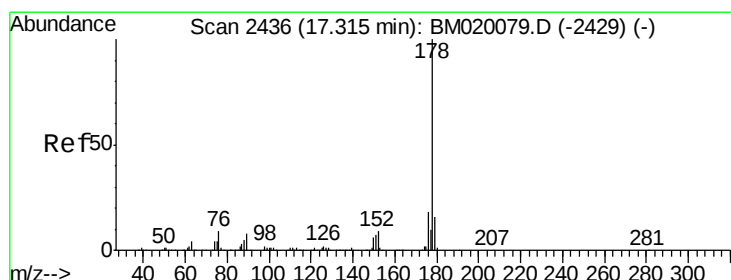
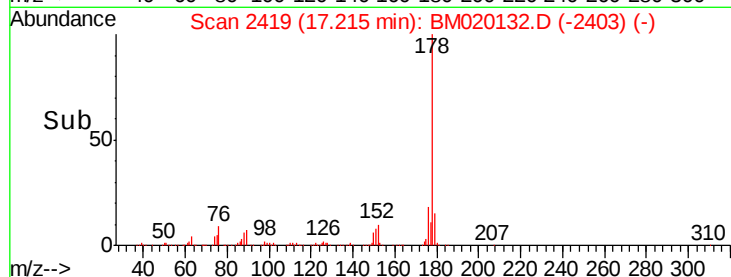
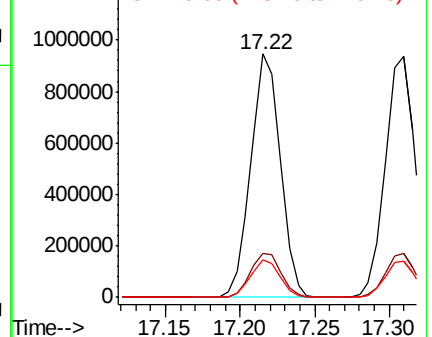
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.211 ng

RT: 17.31 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

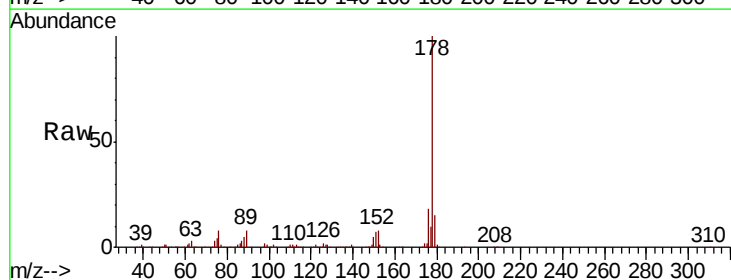
Tgt Ion:178 Resp: 1307816

Ion Ratio Lower Upper

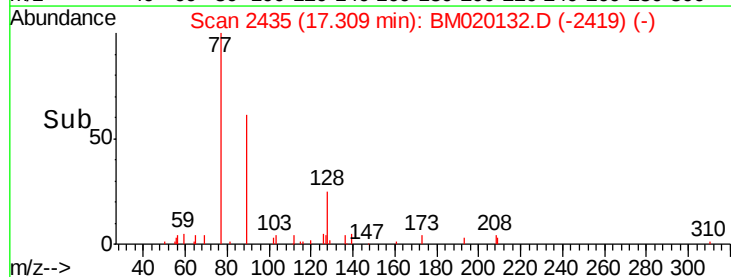
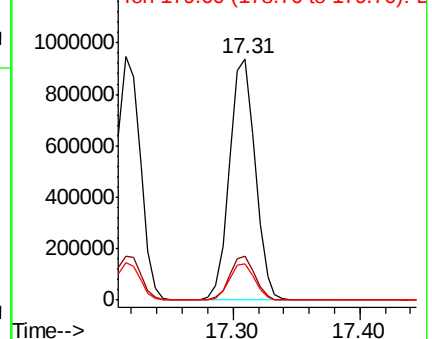
178 100

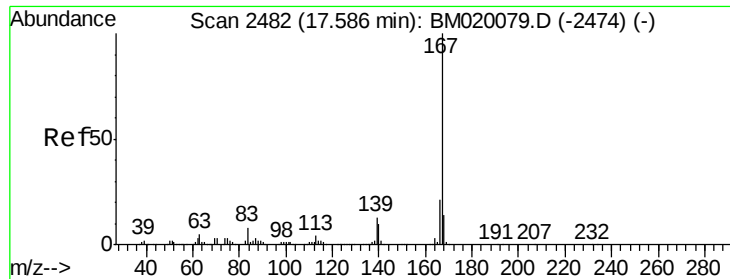
176 18.0 14.6 22.0

179 15.0 12.4 18.6



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





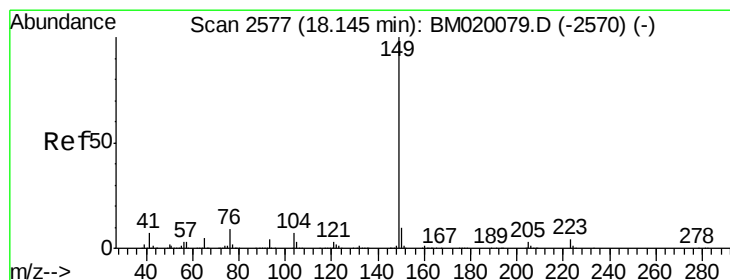
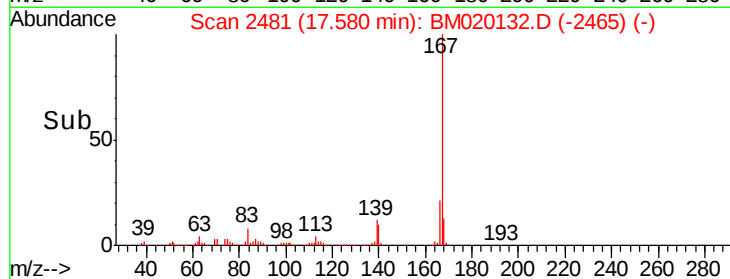
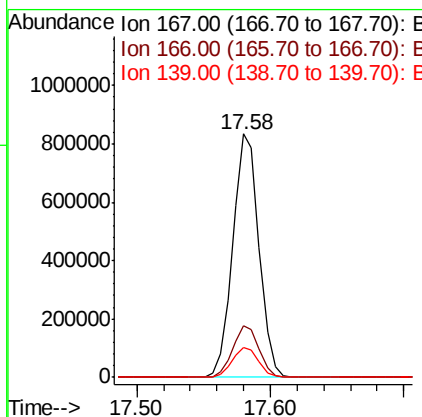
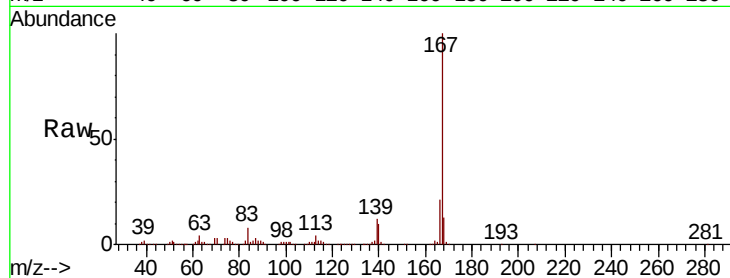
#73
 Carbazole
 Concen: 37.862 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	12.1	10.6	16.0

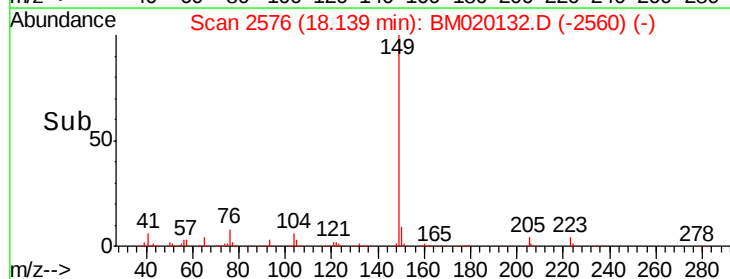
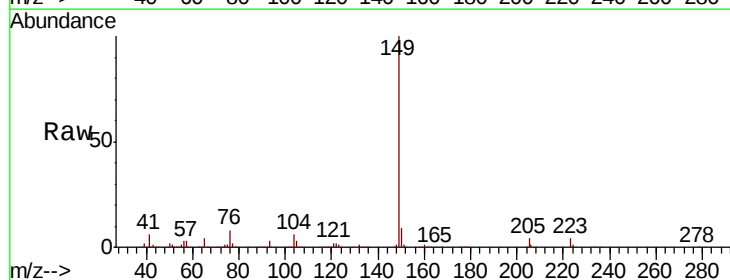
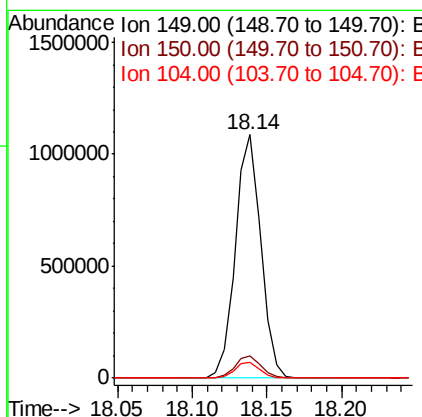
Manual Integrations
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#74
 Di-n-butylphthalate
 Concen: 35.737 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.8	11.6
104	6.4	5.7	8.5





#75

Fluoranthene

Concen: 37.058 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

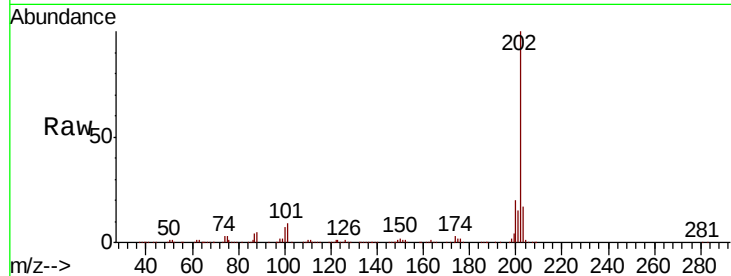
ClientSampleId :

PB119435BS

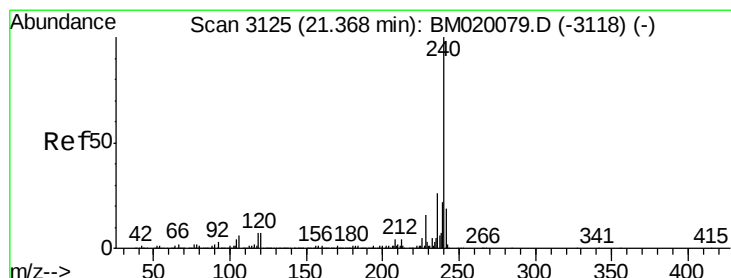
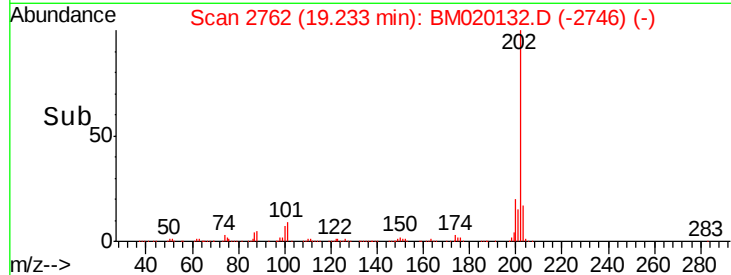
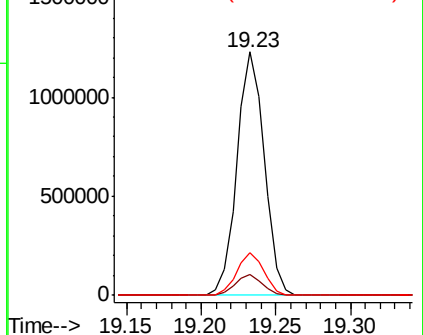
Tot Ion:	202	Resp:	1564133
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	28.4
203	17.5	0.0	37.4

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



#76

Chrysene-d12

Concen: 20.000 ng

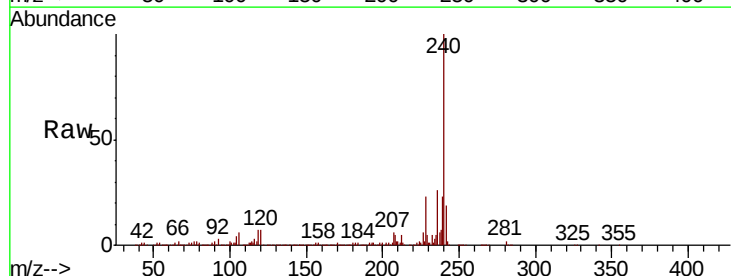
RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

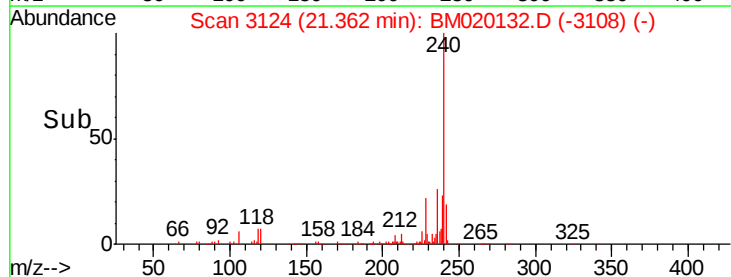
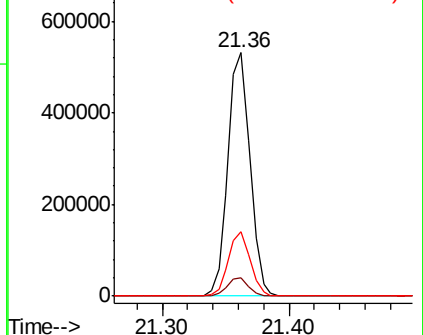
Lab File: BM020132.D

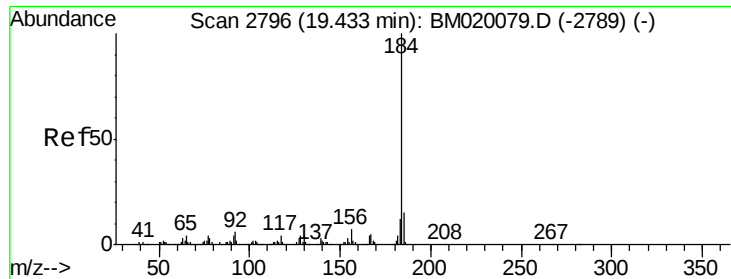
Acq: 06 May 2019 12:59

Tgt Ion:	240	Resp:	639035
Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	26.3	20.9	31.3



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





#77

Benzidine

Concen: 38.299 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

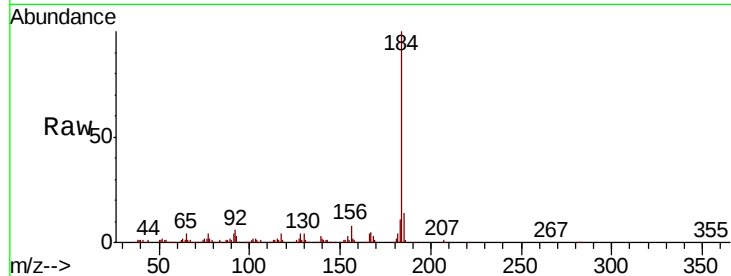
ClientSampleId :

PB119435BS

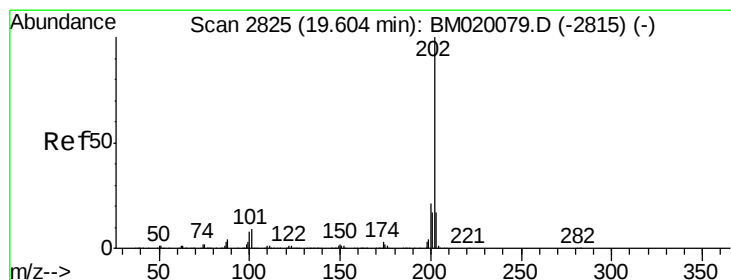
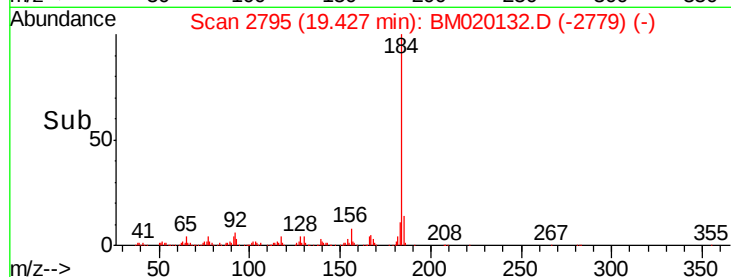
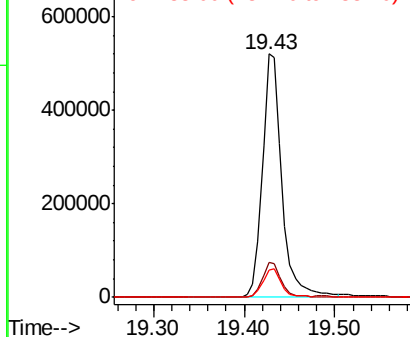
Tot Ion:	184	Resp:	782467
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.0	18.0
183	11.4	9.5	14.3

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



#78

Pyrene

Concen: 37.925 ng

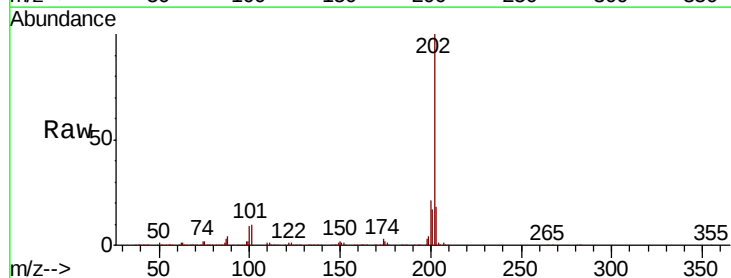
RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

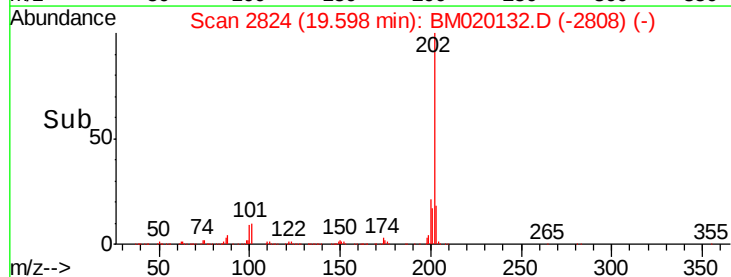
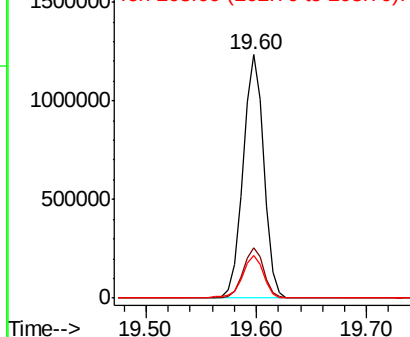
Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:	202	Resp:	1627141
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.5	24.7
203	17.6	13.9	20.9



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





#79

Terphenyl-d14

Concen: 71.975 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

Tot Ion:244 Resp: 2636965

Ion Ratio Lower Upper

244 100

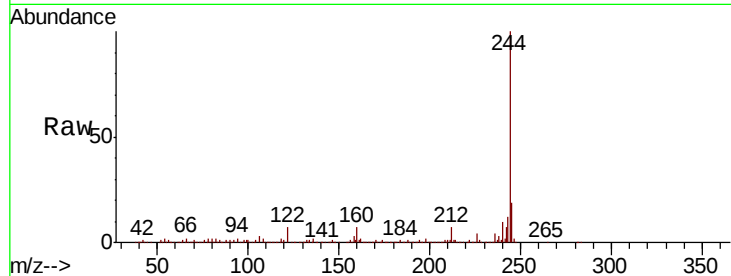
212 6.8 5.7 8.5

122 7.0 6.2 9.2

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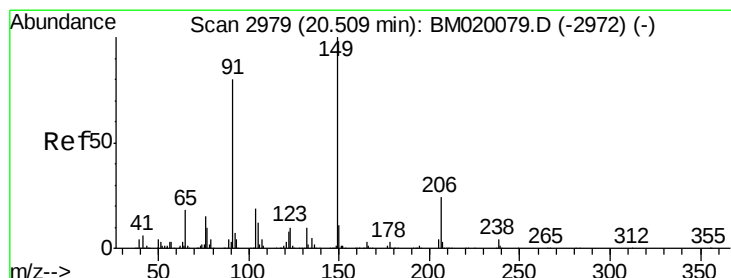
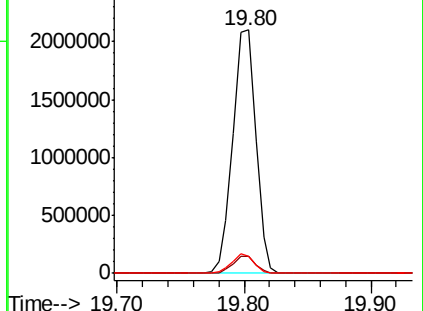
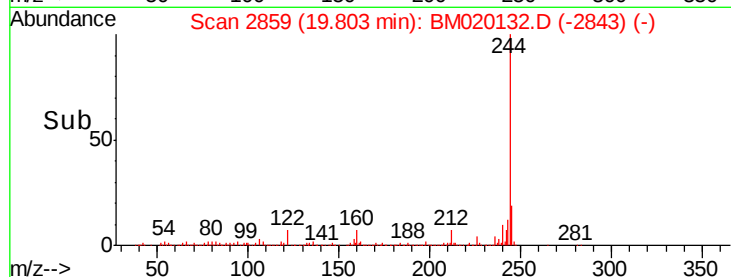
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.775 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

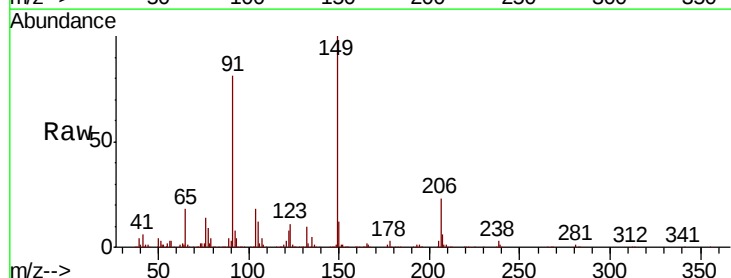
Tgt Ion:149 Resp: 589368

Ion Ratio Lower Upper

149 100

91 80.8 63.8 95.8

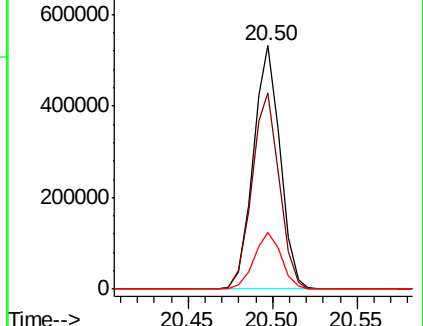
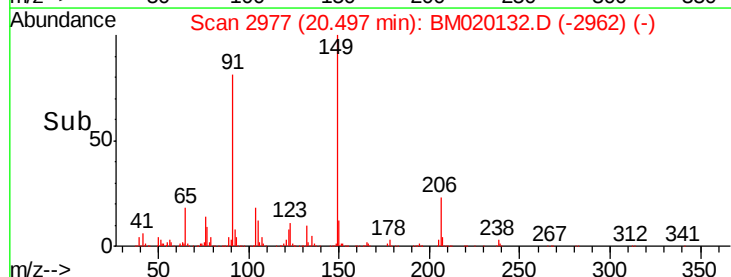
206 23.4 18.9 28.3

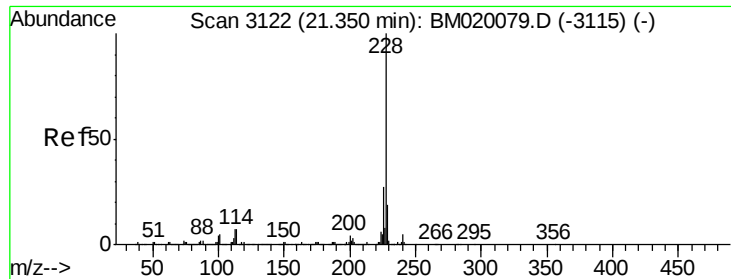


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.161 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

ClientSampleId :

PB119435BS

Tot Ion:228 Resp: 1665398

Ion Ratio Lower Upper

228 100

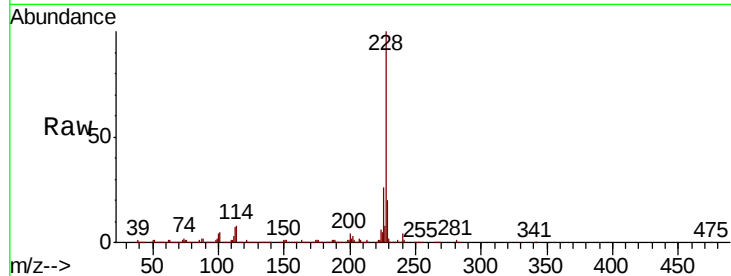
226 26.5 21.3 31.9

229 19.5 15.5 23.3

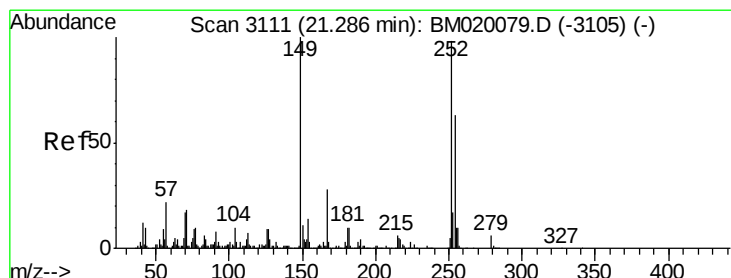
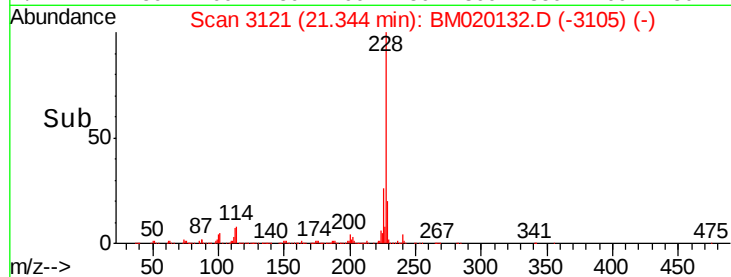
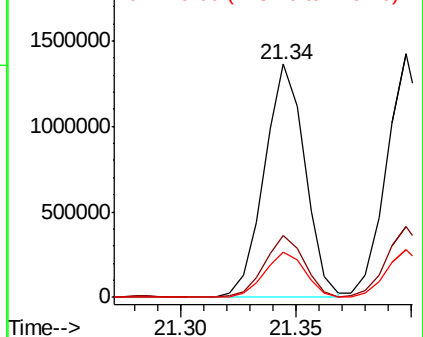
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.158 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

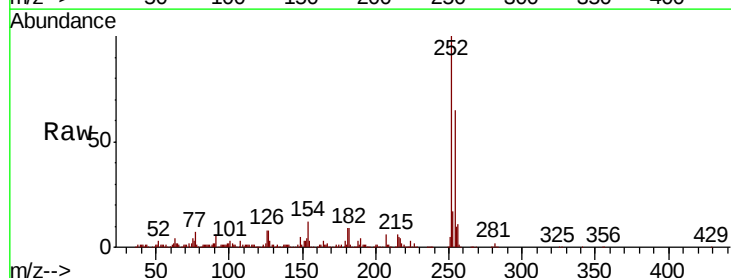
Tgt Ion:252 Resp: 618462

Ion Ratio Lower Upper

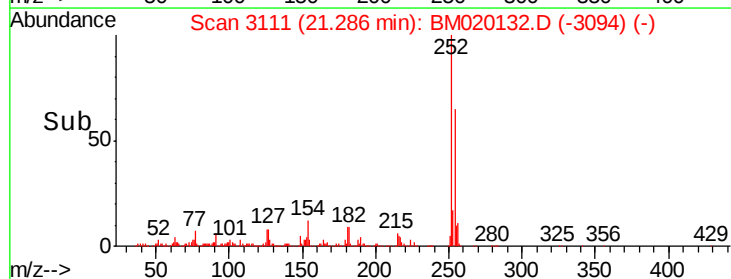
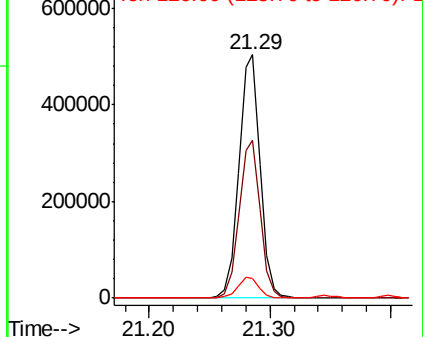
252 100

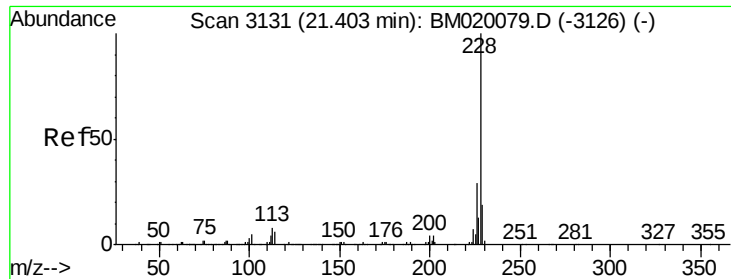
254 64.8 51.1 76.7

126 7.8 7.1 10.7



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





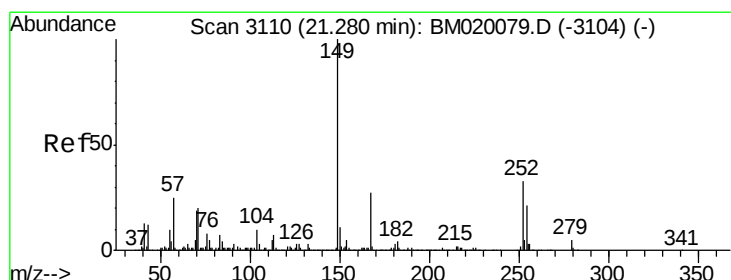
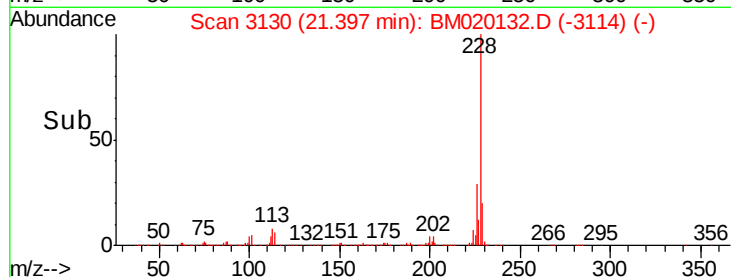
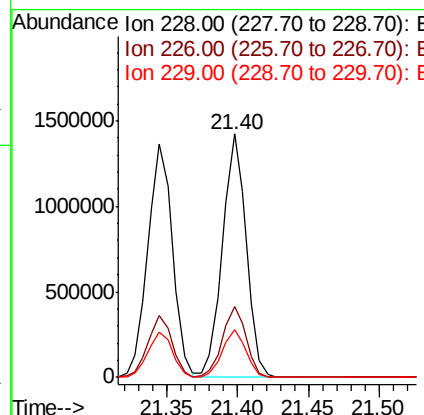
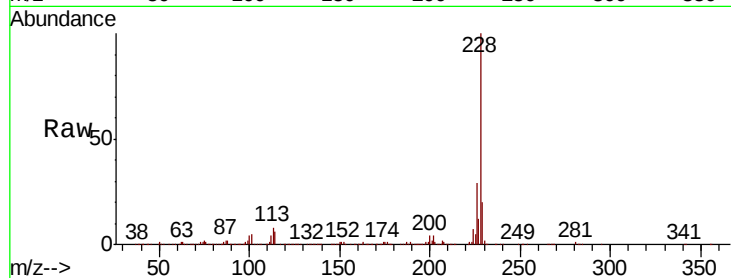
#83
 Chrysene
 Concen: 38.183 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Instrument :
 BNA_M
 ClientSampleId :
 PB119435BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	19.5	15.5	23.3

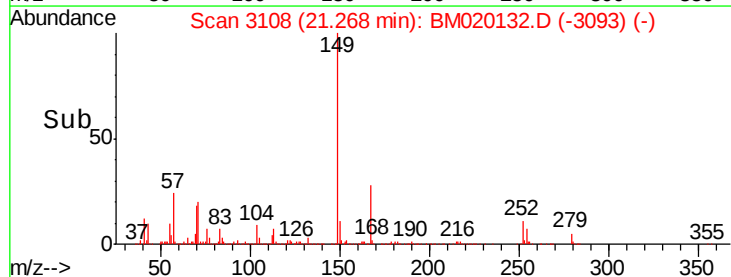
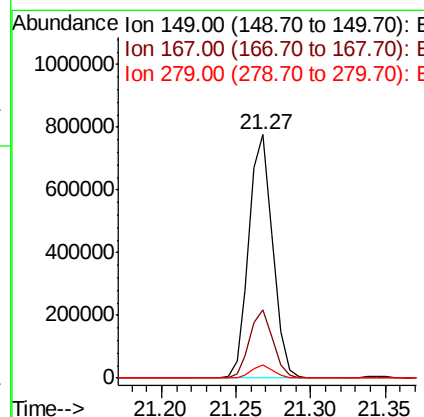
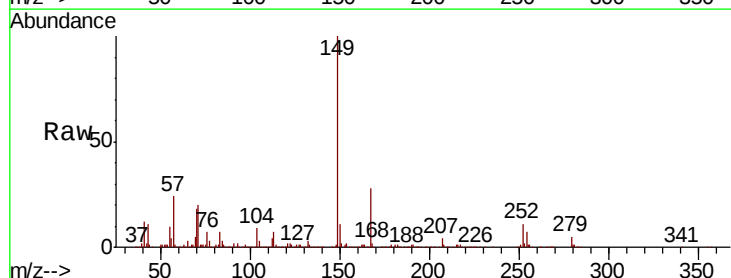
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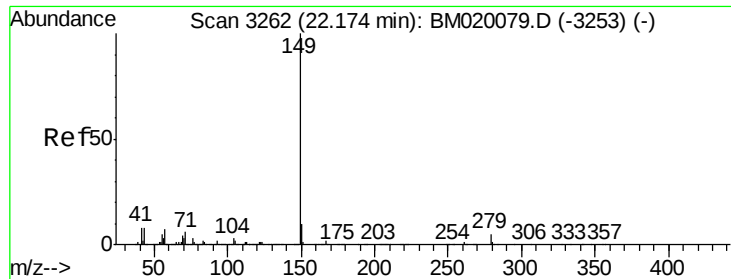
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 35.421 ng
 RT: 21.27 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM020132.D
 Acq: 06 May 2019 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.8	32.8
279	5.2	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 37.426 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

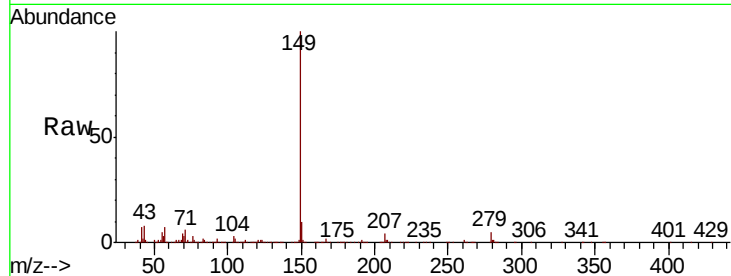
ClientSampleId :

PB119435BS

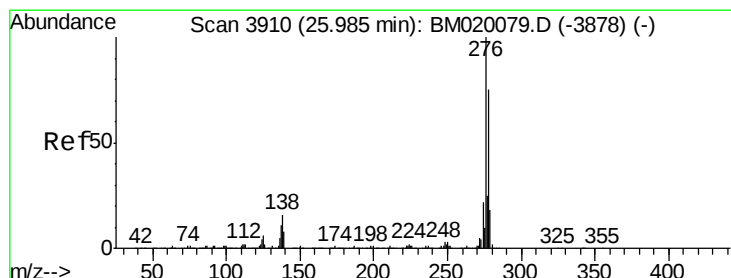
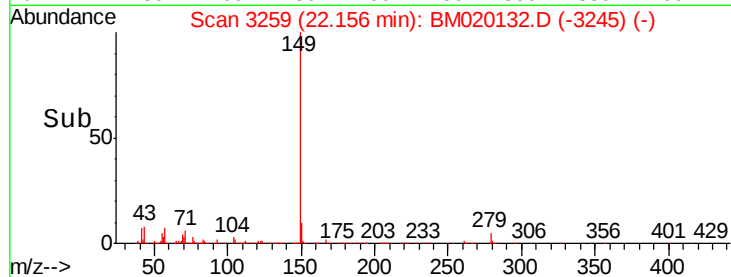
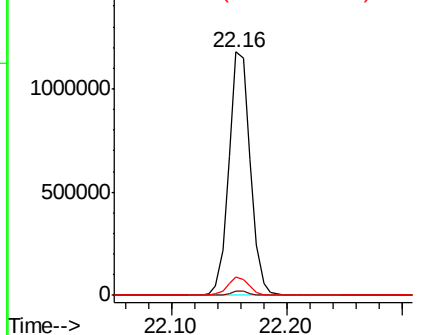
Tot Ion:	149	Resp:	1505996
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.5	9.7

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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: 44.079 ng

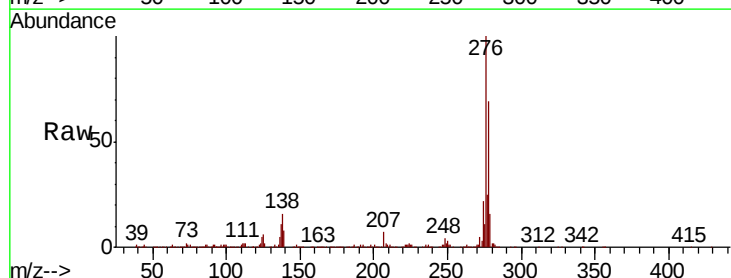
RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

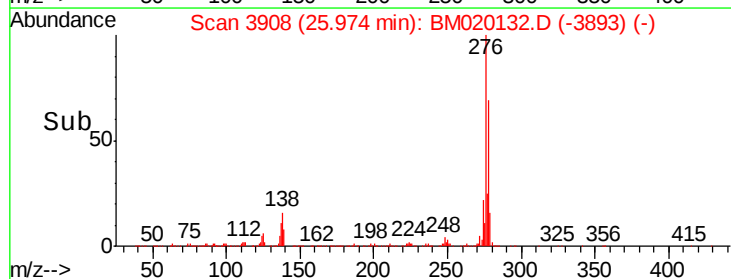
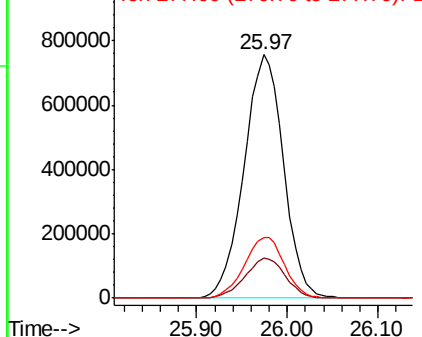
Lab File: BM020132.D

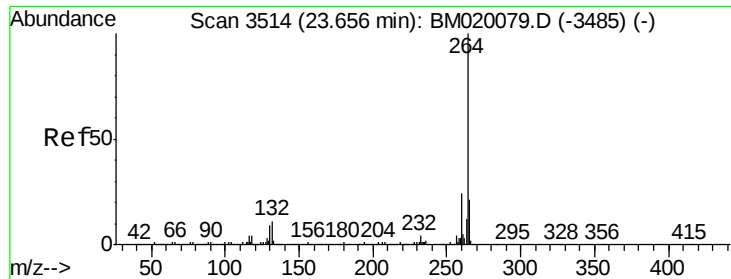
Acq: 06 May 2019 12:59

Tgt Ion:	276	Resp:	2278820
Ion	Ratio	Lower	Upper
276	100		
138	16.8	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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

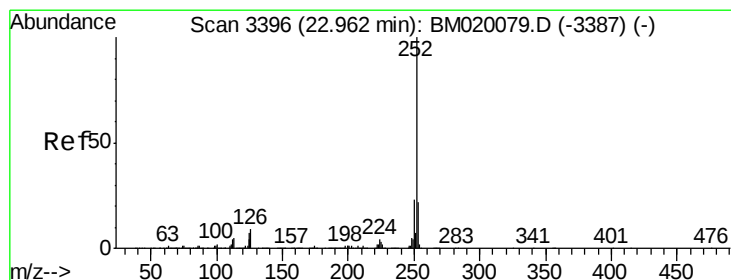
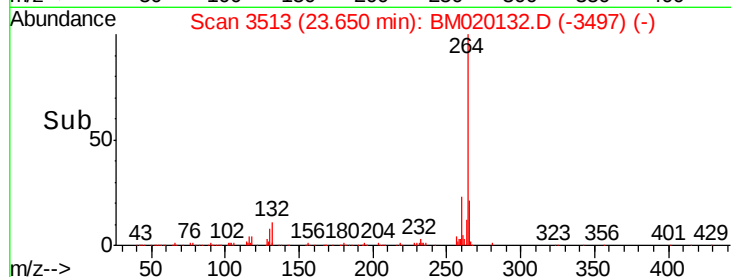
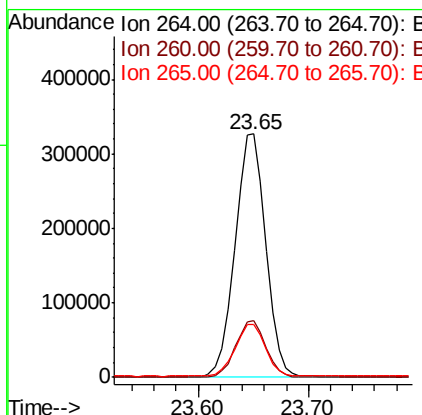
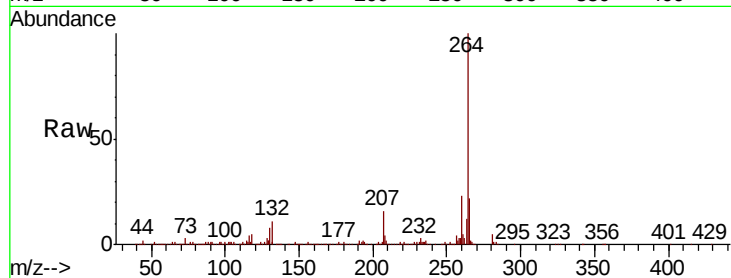
ClientSampleId :

PB119435BS

Tot Ion:	264	Resp:	639450
Ion Ratio		Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.9	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 44.714 ng

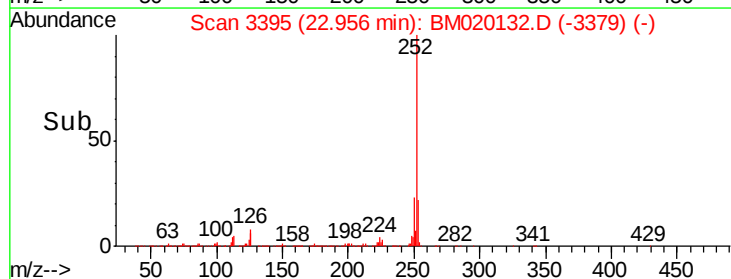
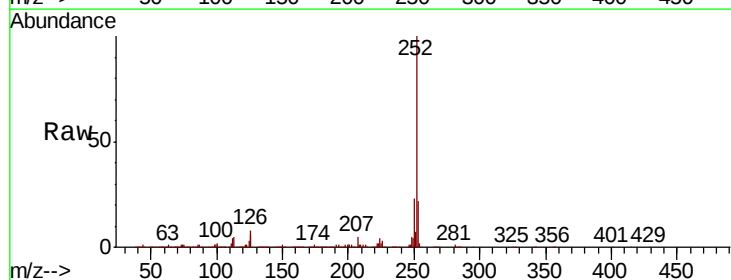
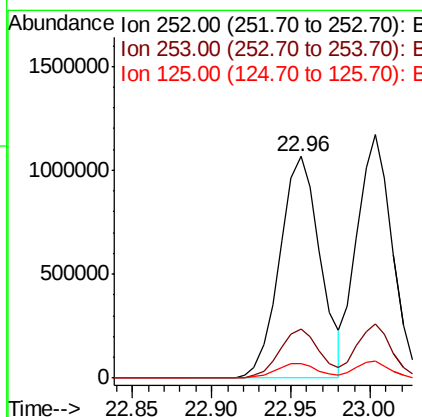
RT: 22.96 min Scan# 3395

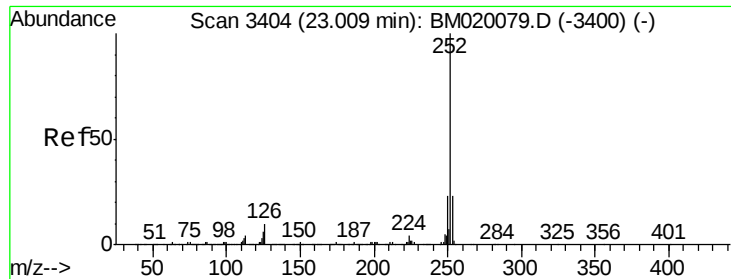
Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Tgt Ion:	252	Resp:	1888086
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.5	26.3
125	6.4	5.4	8.2





#89

Benzo(k)fluoranthene

Concen: 47.046 ng

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

Instrument :

BNA_M

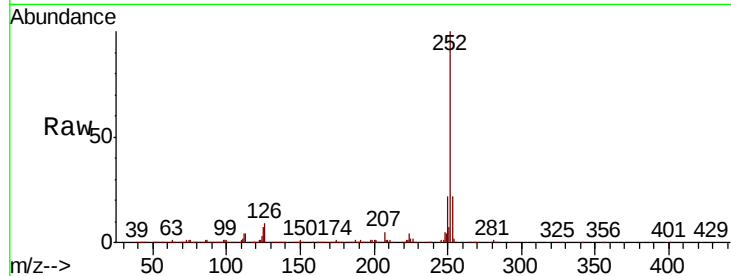
ClientSampleId :

PB119435BS

Tot Ion:	252	Resp:	1812119
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	6.9	5.4	8.0

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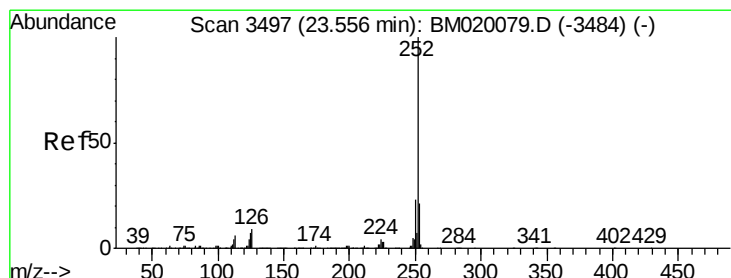
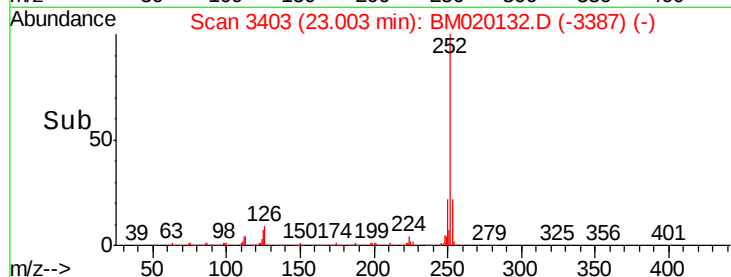
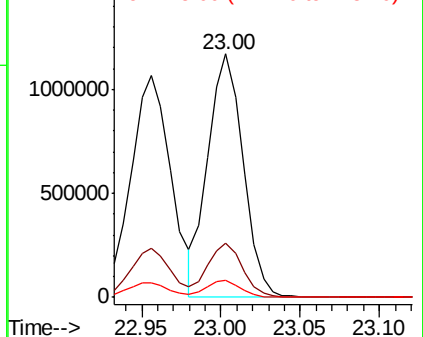


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.828 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020132.D

Acq: 06 May 2019 12:59

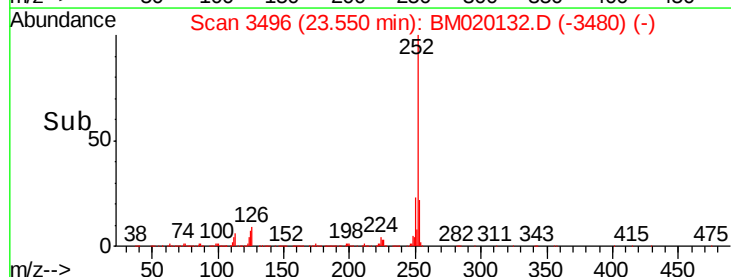
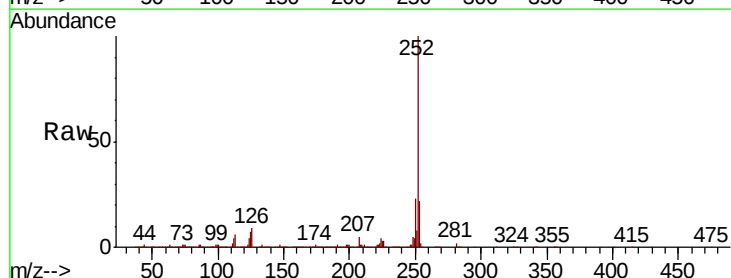
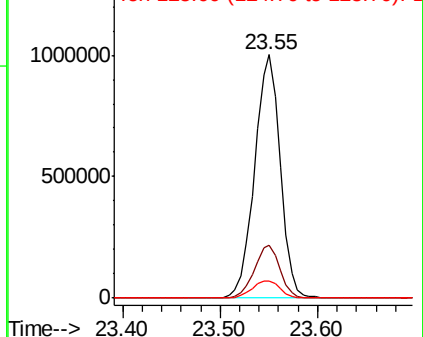
Tgt Ion:	252	Resp:	1834435
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	7.2	5.5	8.3

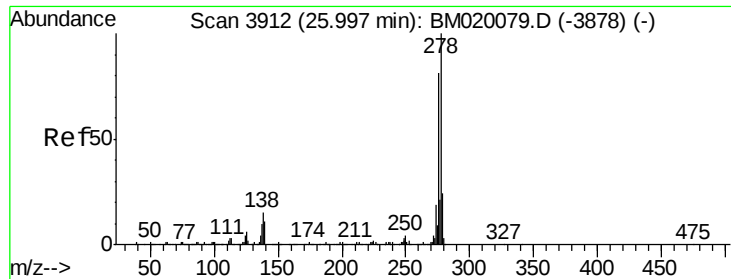
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





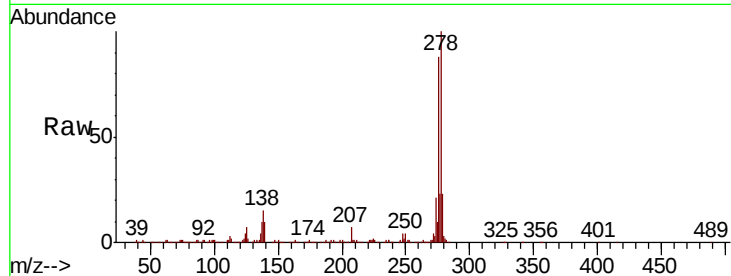
#91
Dibenzo(a,h)anthracene
Concen: 49.204 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Instrument :
BNA_M
ClientSampleId :
PB119435BS

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	10.3	8.6	13.0	
279	23.5	18.8	28.2	

Manual Integrations
APPROVED

mohammad
5/7/2019 3:11:34 PM

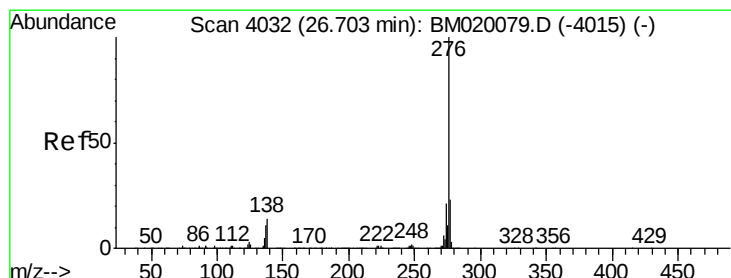
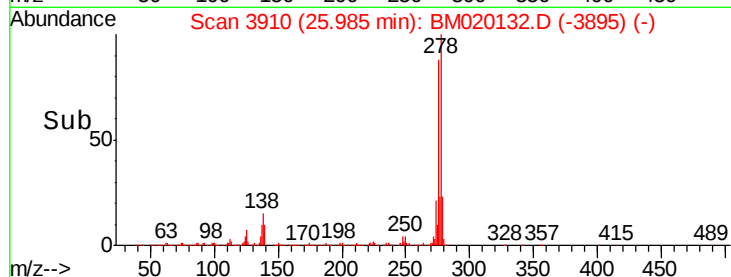
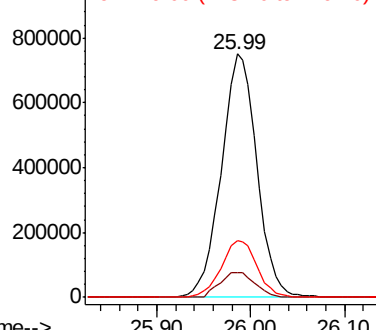


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.572 ng
RT: 26.69 min Scan# 4030
Delta R.T. -0.01 min
Lab File: BM020132.D
Acq: 06 May 2019 12:59

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.1	18.4	27.6	
138	14.0	11.1	16.7	

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

