

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050819\
 Data File : BM020198.D
 Acq On : 08 May 2019 17:07
 Operator : JU/SJ
 Sample : PB119288BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Manual Integrations
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Sohil
 5/9/2019 6:45:29 PM

Quant Time: May 09 02:16:00 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	157836	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	561445	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	310108	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	645217	20.00	ng	0.00
76) Chrysene-d12	21.36	240	551668	20.00	ng	0.00
87) Perylene-d12	23.65	264	608688	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1279006	132.46	ng	0.00
7) Phenol-d6	6.96	99	1668086	126.45	ng	0.00
23) Nitrobenzene-d5	8.95	82	1039393	73.09	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	634602	131.84	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1973967	78.32	ng	-0.01
79) Terphenyl-d14	19.80	244	2612621	82.60	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.30	88	174604	36.869 ng	95
3) Pyridine	3.70	79	456946	37.727 ng	95
4) n-Nitrosodimethylamine	3.62	42	138265	35.600 ng	# 69
6) Aniline	7.12	93	506531	30.504 ng	97
8) 2-Chlorophenol	7.35	128	386115	36.724 ng	99
9) Benzaldehyde	6.93	77	286577	28.703 ng	95
10) Phenol	6.98	94	514655	36.241 ng	95
11) bis(2-Chloroethyl)ether	7.22	93	399727	38.727 ng	98
12) 1,3-Dichlorobenzene	7.67	146	456860	37.347 ng	95
13) 1,4-Dichlorobenzene	7.82	146	466725	37.768 ng	96
14) 1,2-Dichlorobenzene	8.13	146	441731	37.520 ng	95
15) Benzyl Alcohol	8.03	79	431289	33.906 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.32	45	301279	35.202 ng	98
17) 2-Methylphenol	8.23	107	332466	36.368 ng	95
18) Hexachloroethane	8.85	117	186877	36.268 ng	98
19) n-Nitroso-di-n-propylamine	8.59	70	377024	33.406 ng	96
20) 3+4-Methylphenols	8.55	107	444209	36.561 ng	96
22) Acetophenone	8.61	105	609644	39.731 ng	97
24) Nitrobenzene	8.99	77	548026	37.167 ng	96
25) Isophorone	9.52	82	925846	37.753 ng	97
26) 2-Nitrophenol	9.70	139	209061	46.965 ng	95
27) 2,4-Dimethylphenol	9.75	122	333249	44.967 ng	98
28) bis(2-Chloroethoxy)methane	9.99	93	512410	38.364 ng	99
29) 2,4-Dichlorophenol	10.23	162	371868	39.793 ng	99
30) 1,2,4-Trichlorobenzene	10.44	180	463821	40.337 ng	97
31) Naphthalene	10.63	128	1129934	38.782 ng	99
32) Benzoic acid	9.89	122	190234	37.719 ng	93
33) 4-Chloroaniline	10.75	127	225308	18.788 ng	95
34) Hexachlorobutadiene	10.89	225	315162	38.745 ng	99
35) Caprolactam	11.56	113	98617m	35.292 ng	
36) 4-Chloro-3-methylphenol	11.87	107	385353	35.090 ng	91
37) 2-Methylnaphthalene	12.25	142	824256	38.805 ng	97
38) 1-Methylnaphthalene	12.46	142	778584	37.485 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	519665	42.832 ng	# 98

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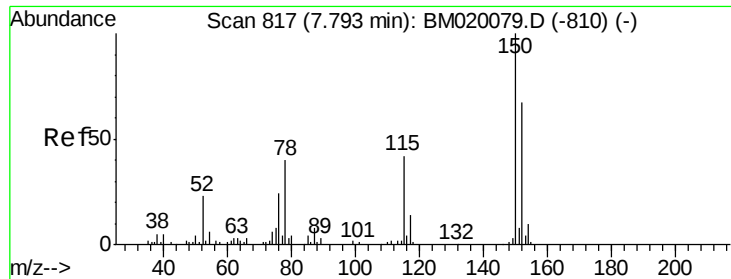
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	822511	115.138	nq	99
43) 2,4,6-Trichlorophenol	12.86	196	312263	45.286	nq	99
44) 2,4,5-Trichlorophenol	12.93	196	317235	41.183	nq	98
46) 1,1'-Biphenyl	13.26	154	1042079	40.826	nq	99
47) 2-Chloronaphthalene	13.30	162	836955	41.068	nq	99
48) 2-Nitroaniline	13.52	65	266194	36.689	nq	91
49) Acenaphthylene	14.15	152	1235988	37.896	nq	99
50) Dimethylphthalate	13.89	163	970872	36.836	nq	99
51) 2,6-Dinitrotoluene	14.02	165	208939	37.638	nq	95
52) Acenaphthene	14.49	154	727152	38.878	nq	97
53) 3-Nitroaniline	14.35	138	115516	22.420	nq	95
54) 2,4-Dinitrophenol	14.56	184	243185	86.667	nq	90
55) Dibenzofuran	14.83	168	1192308	37.793	nq	98
56) 4-Nitrophenol	14.66	139	297657	67.712	nq	86
57) 2,4-Dinitrotoluene	14.80	165	283151	37.537	nq	90
58) Fluorene	15.48	166	943200	36.403	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.06	232	288718	39.441	nq	95
60) Diethylphthalate	15.25	149	930785	35.052	nq	99
61) 4-Chlorophenyl-phenylether	15.47	204	550331	37.487	nq	94
62) 4-Nitroaniline	15.52	138	179320	31.537	nq	91
63) Azobenzene	15.77	77	1044038	33.328	nq	96
65) 4,6-Dinitro-2-methylphenol	15.56	198	146720	45.506	nq	99
66) n-Nitrosodiphenylamine	15.69	169	802026	42.243	nq	99
67) 4-Bromophenyl-phenylether	16.37	248	329390	41.632	nq	94
68) Hexachlorobenzene	16.47	284	375763	41.271	nq	95
69) Atrazine	16.64	200	290187	39.111	nq	99
70) Pentachlorophenol	16.82	266	428024	82.165	nq	97
71) Phenanthrene	17.22	178	1383415	38.842	nq	99
72) Anthracene	17.31	178	1414756	39.729	nq	99
73) Carbazole	17.59	167	1161952	36.162	nq	98
74) Di-n-butylphthalate	18.14	149	1446198	37.400	nq	98
75) Fluoranthene	19.24	202	1577542	35.007	nq	99
77) Benzidine	19.43	184	849840	48.185	nq	98
78) Pyrene	19.60	202	1589083	42.904	nq	100
80) Butylbenzylphthalate	20.50	149	599721	44.526	nq	99
81) Benzo(a)anthracene	21.34	228	1419423	36.689	nq	100
82) 3,3'-Dichlorobenzidine	21.28	252	390064	26.416	nq	99
83) Chrysene	21.40	228	1409201	37.558	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	851777	40.754	nq	99
85) Di-n-octyl phthalate	22.16	149	1418133	40.824	nq	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	1872018	41.945	nq	# 100
88) Benzo(b)fluoranthene	22.96	252	1458167	36.278	nq	100
89) Benzo(k)fluoranthene	23.00	252	1436543	39.180	nq	99
90) Benzo(a)pyrene	23.55	252	1448309	39.669	nq	99
91) Dibenzo(a,h)anthracene	26.00	278	1605760	42.292	nq	99
92) Benzo(g,h,i)perylene	26.70	276	1601502	44.428	nq	98

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



#1

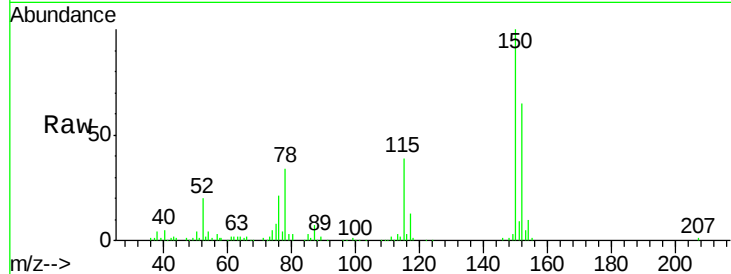
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	119.8	179.8
115	60.6	50.8	76.2

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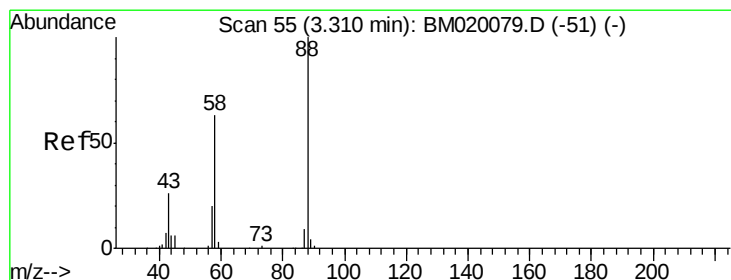
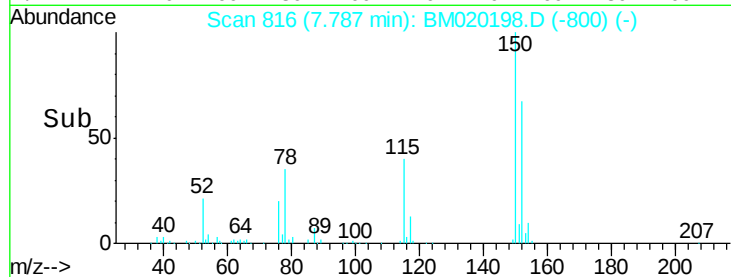
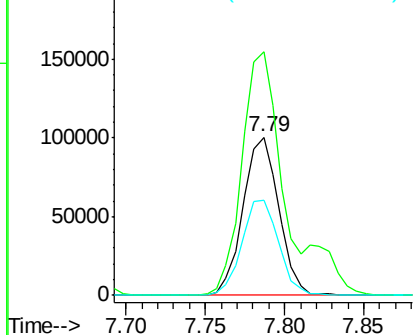


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

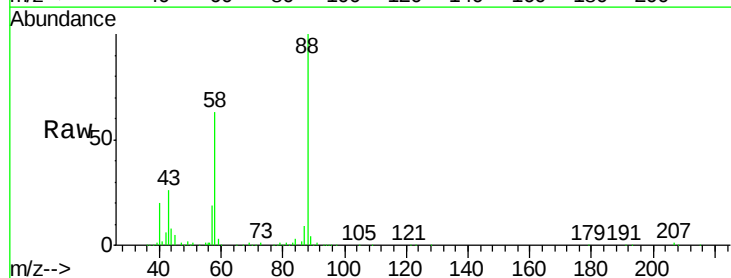
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.869 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.7	51.8	77.6
43	23.7	20.3	30.5

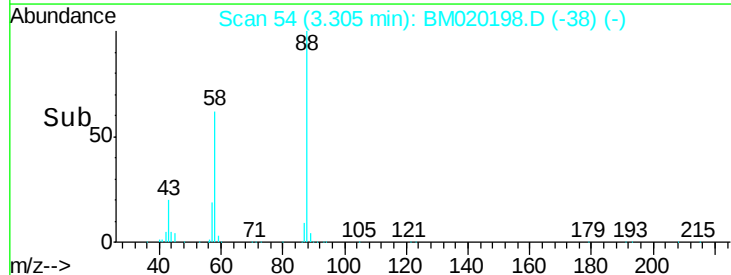
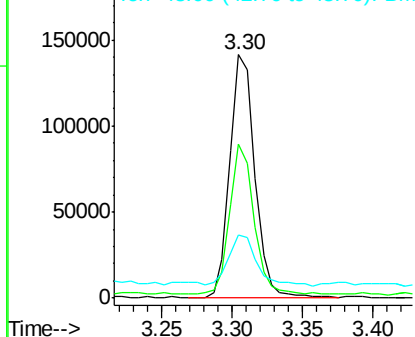


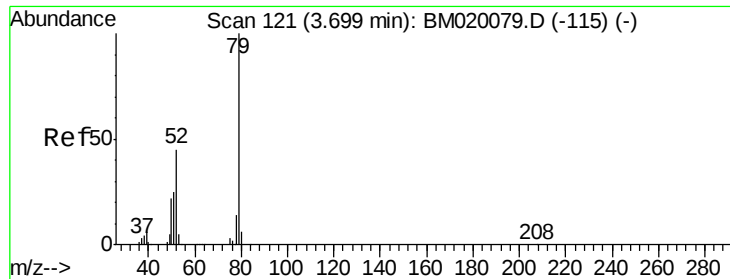
Abundance

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: 37.727 ng

RT: 3.70 min Scan# 121

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

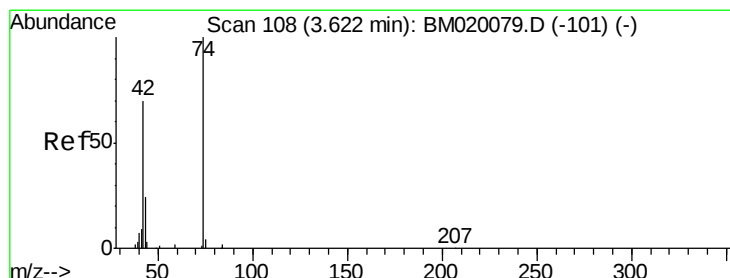
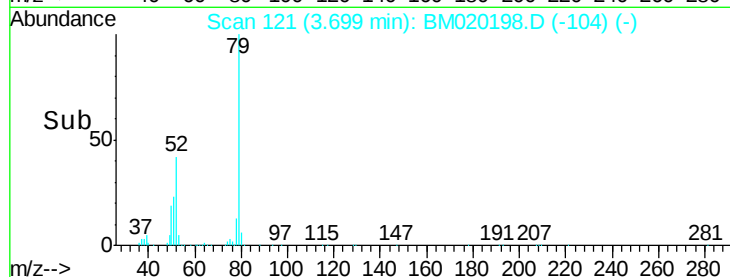
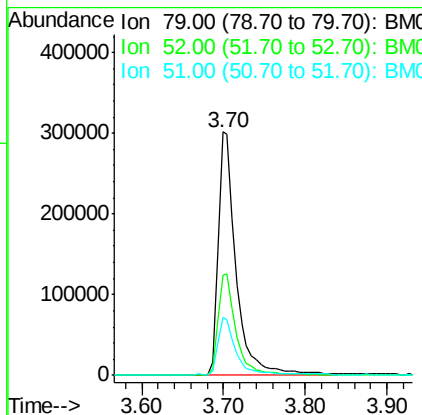
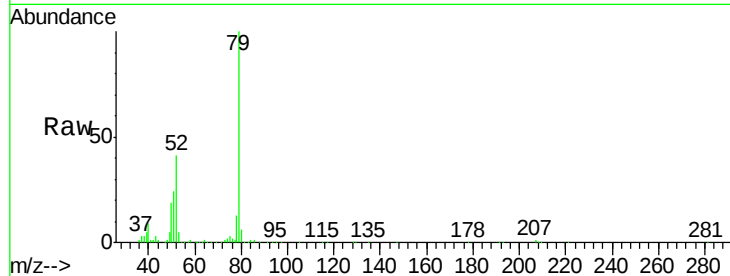
ClientSampleId :

PB119288BS

Tot Ion:	79	Resp:	456946
Ion	Ratio	Lower	Upper
79	100		
52	41.4	35.7	53.5
51	23.7	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 35.600 ng

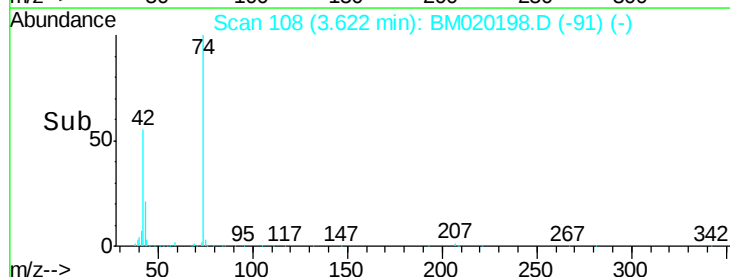
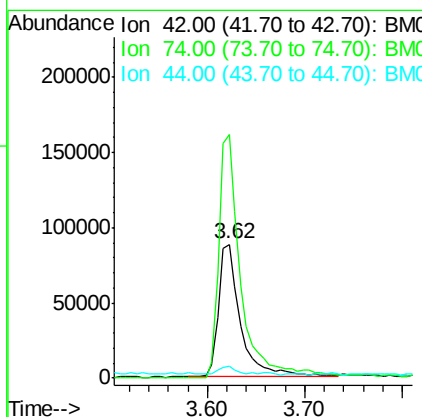
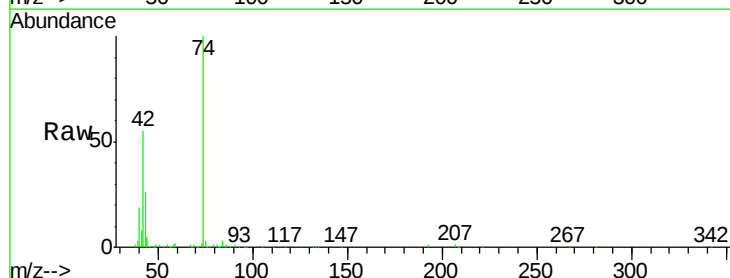
RT: 3.62 min Scan# 108

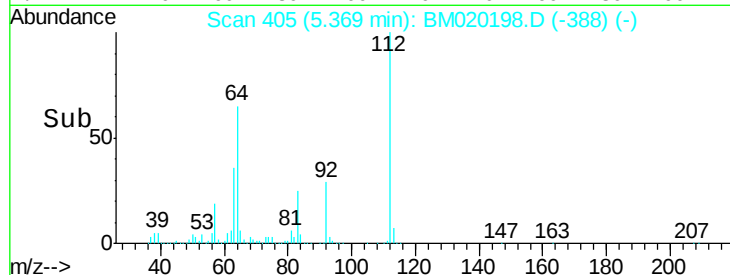
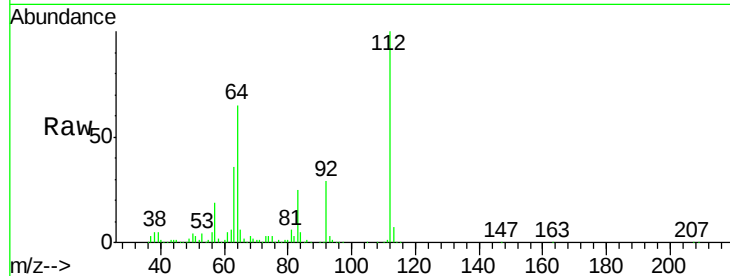
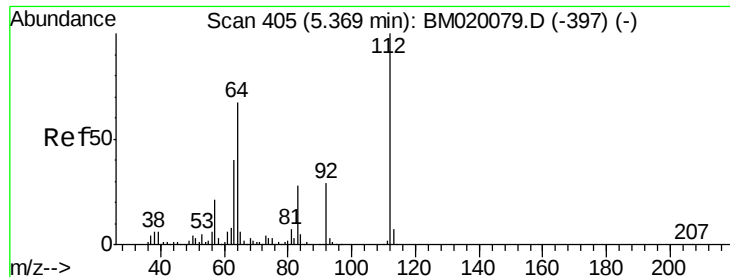
Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	42	Resp:	138265
Ion	Ratio	Lower	Upper
42	100		
74	181.5	113.7	170.5#
44	9.0	3.9	5.9#





#5

2-Fluorophenol

Concen: 132.457 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tot Ion:	112	Resp:	1279006
Ion	Ratio	Lower	Upper
112	100		
64	65.3	53.8	80.6
63	36.4	32.3	48.5

Instrument :

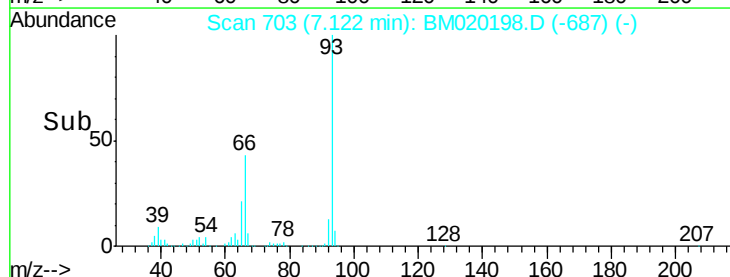
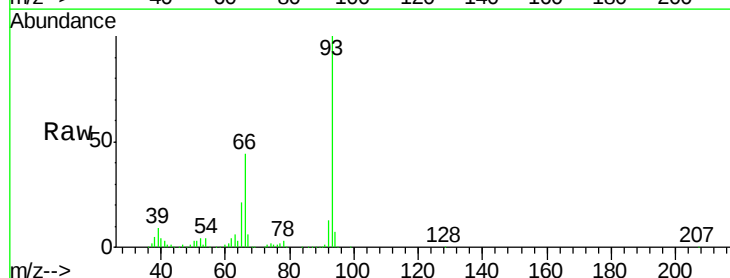
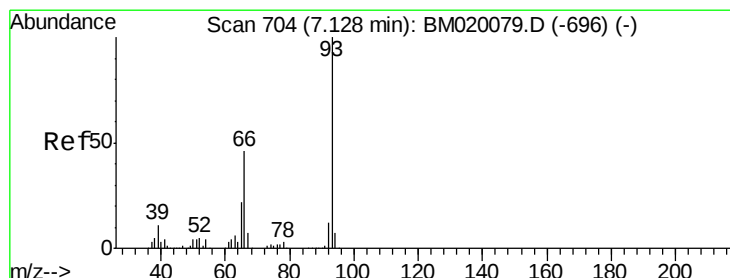
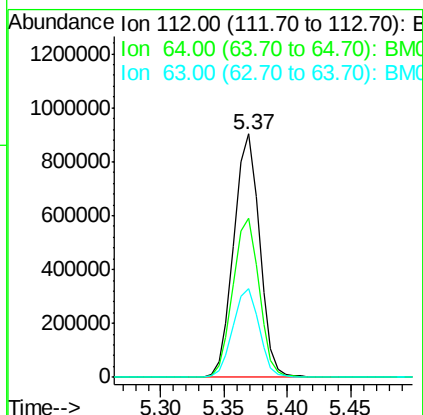
BNA_M

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PB119288BS

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#6

Aniline

Concen: 30.504 ng

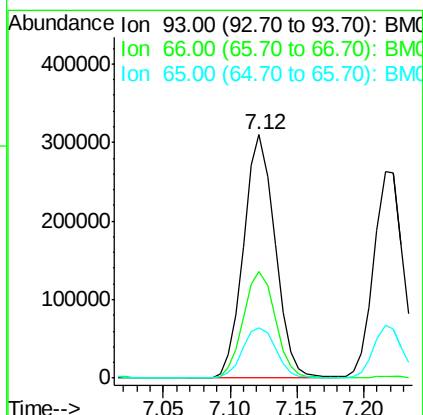
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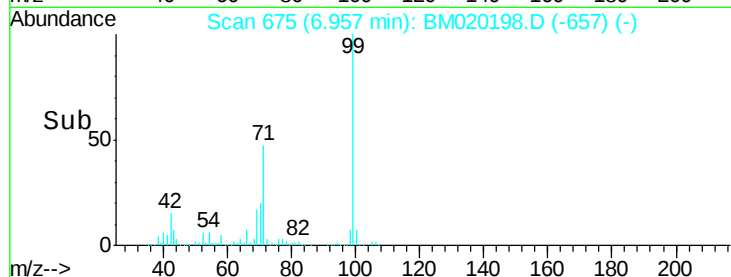
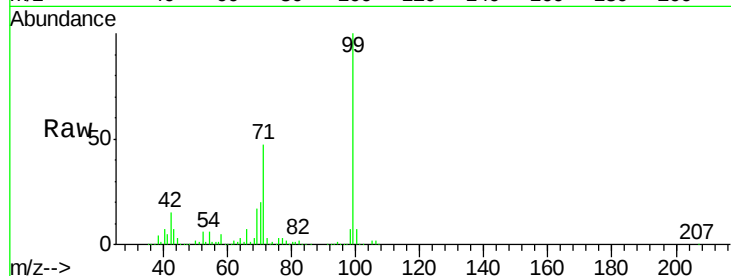
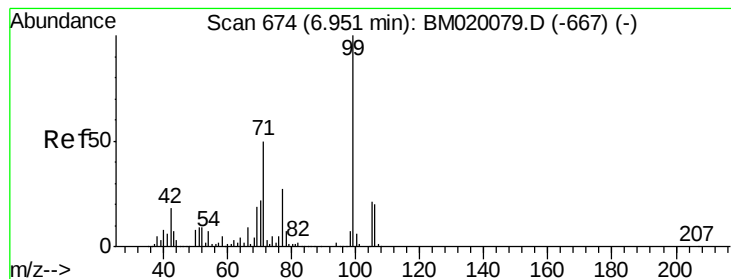
Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	93	Resp:	506531
Ion	Ratio	Lower	Upper
93	100		
66	43.6	36.6	54.8
65	20.8	17.8	26.6





#7

Phenol-d6

Concen: 126.452 ng

RT: 6.96 min Scan# 675

Delta R.T. 0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tot Ion	99	Resp	1668086
Ion	Ratio	Lower	Upper
99	100		
42	14.6	14.2	21.2
71	46.6	40.3	60.5

Instrument :

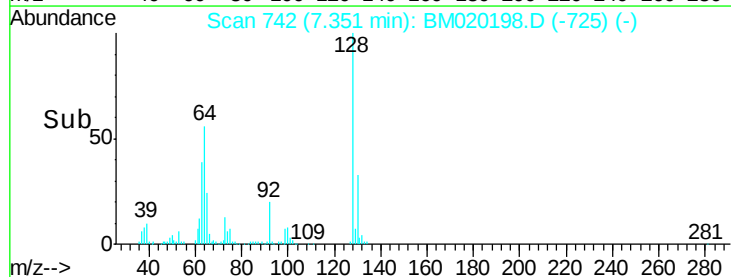
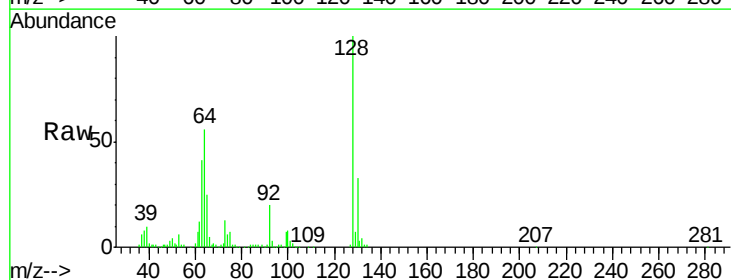
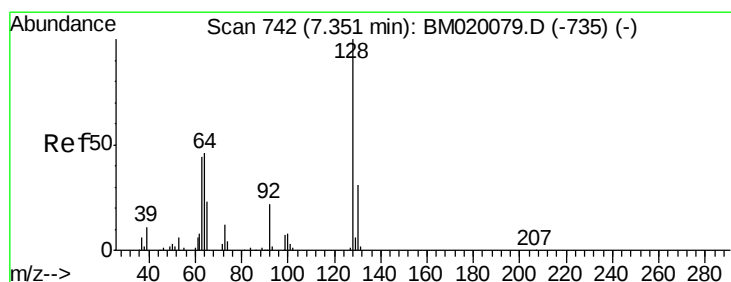
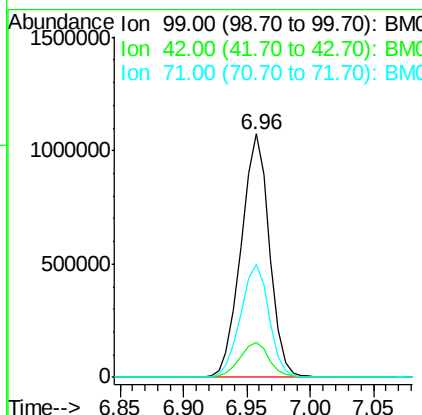
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ClientSampled :

PB119288BS

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#8

2-Chlorophenol

Concen: 36.724 ng

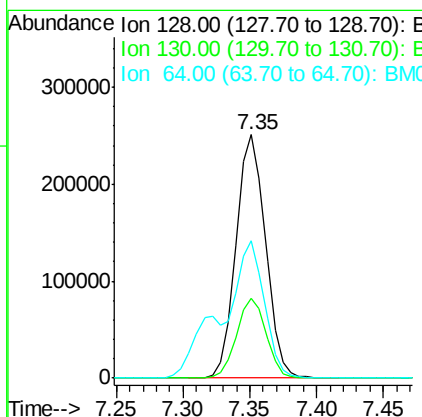
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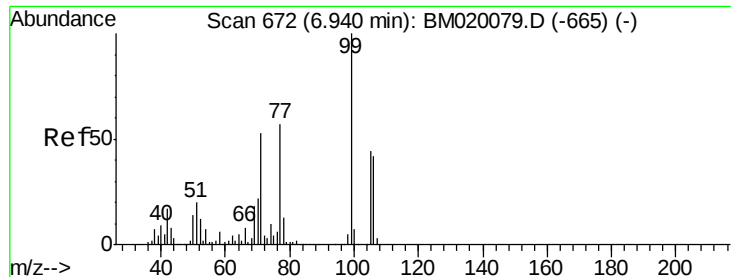
Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion	128	Resp	386115
Ion	Ratio	Lower	Upper
128	100		
130	32.5	10.8	50.8
64	56.4	36.5	76.5





#9

Benzaldehyde

Concen: 28.703 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

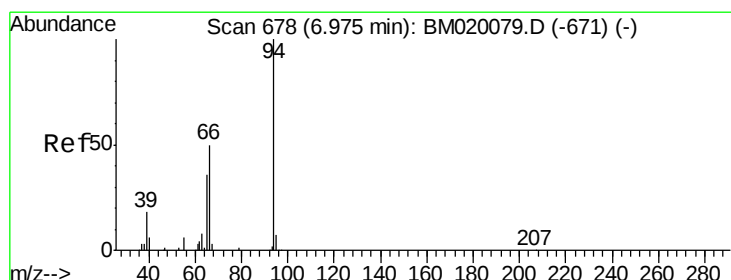
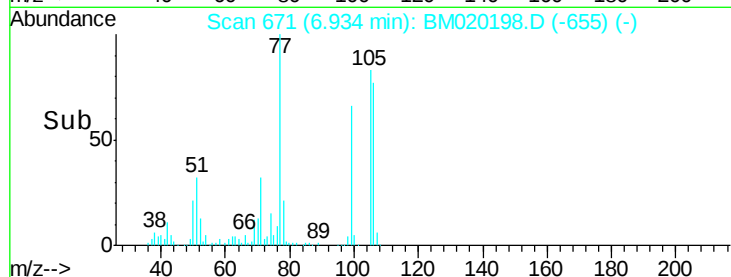
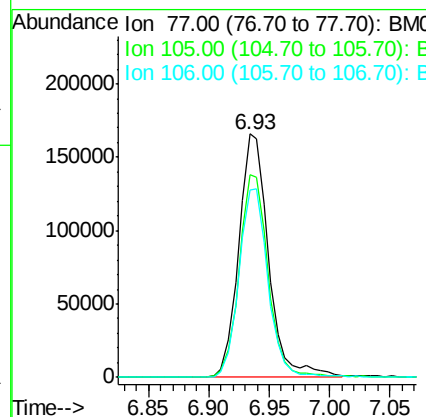
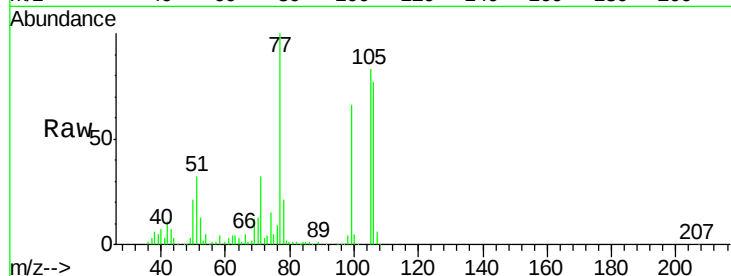
ClientSampleId :

PB119288BS

Tot Ion:	77	Resp:	286577
Ion Ratio	Lower	Upper	
77	100		
105	83.3	57.8	97.8
106	77.0	53.6	93.6

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#10

Phenol

Concen: 36.241 ng

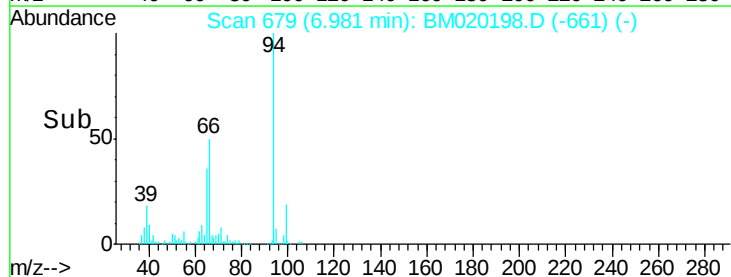
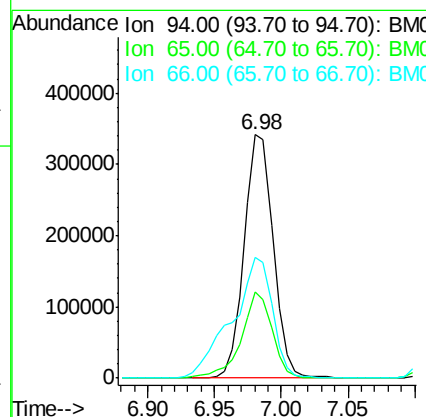
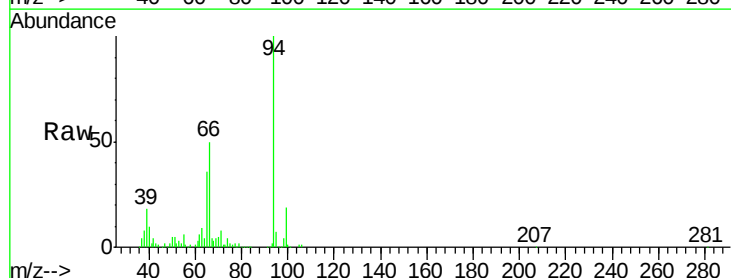
RT: 6.98 min Scan# 679

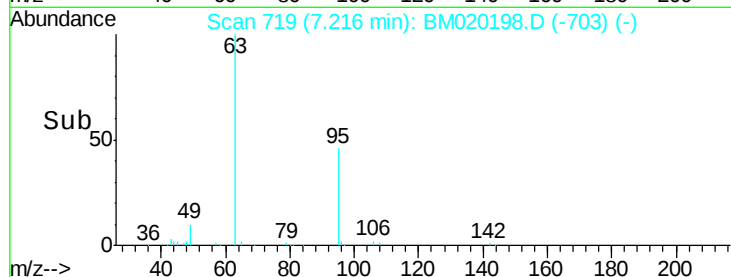
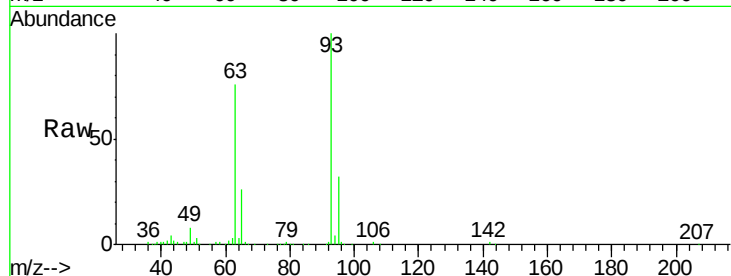
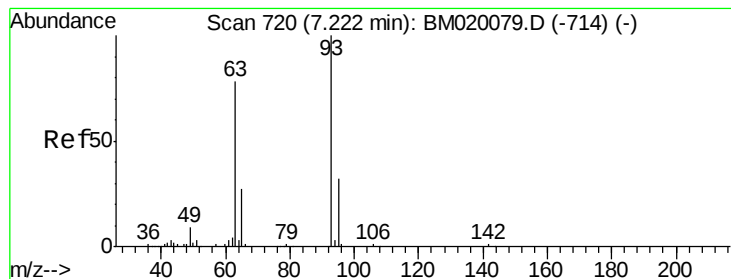
Delta R.T. 0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	94	Resp:	514655
Ion Ratio	Lower	Upper	
94	100		
65	35.6	17.0	57.0
66	49.7	34.5	74.5





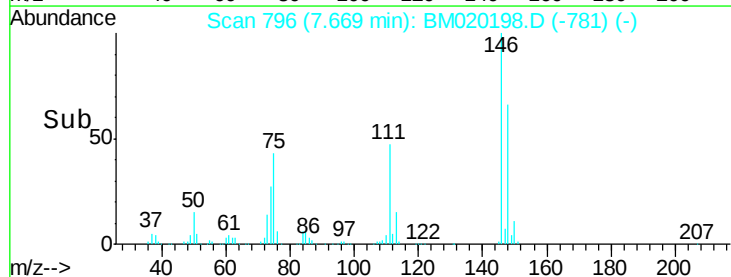
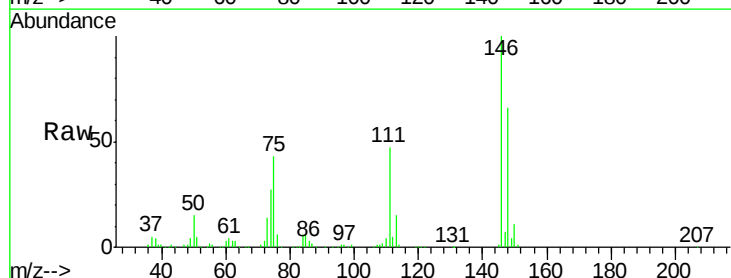
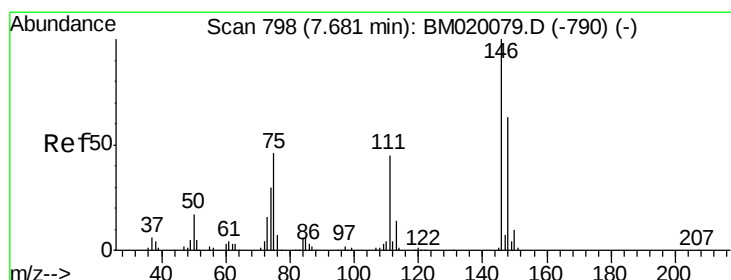
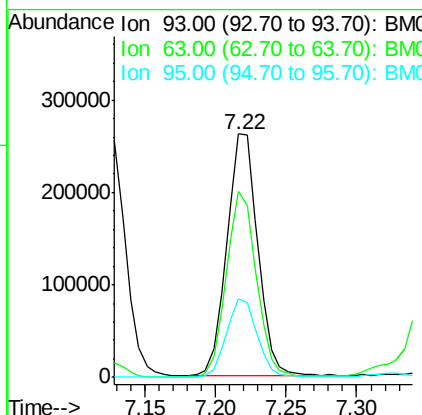
#11
bis(2-Chloroethyl)ether
Concen: 38.727 ng
RT: 7.22 min Scan# 719
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tot Ion	Ratio	Resp	Lower	Upper
93	100	399727		
63	76.2		57.9	97.9
95	32.1		11.3	51.3

Instrument :
BNA_M
ClientSampleId :
PB119288BS

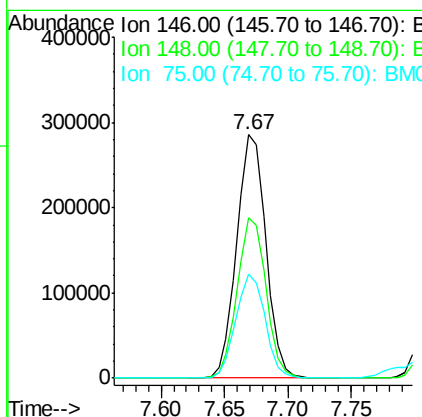
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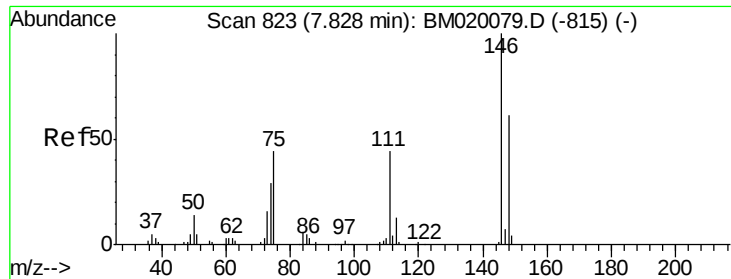
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#12
1,3-Dichlorobenzene
Concen: 37.347 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	456860		
148	65.8		50.1	75.1
75	42.8		37.2	55.8





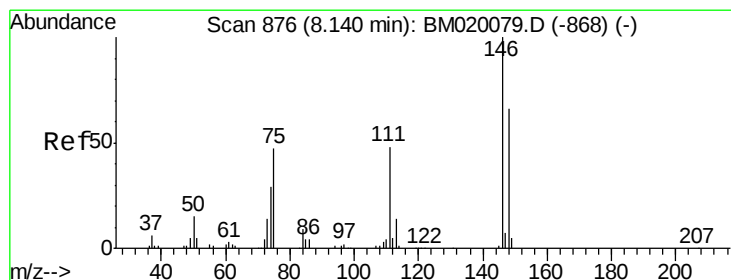
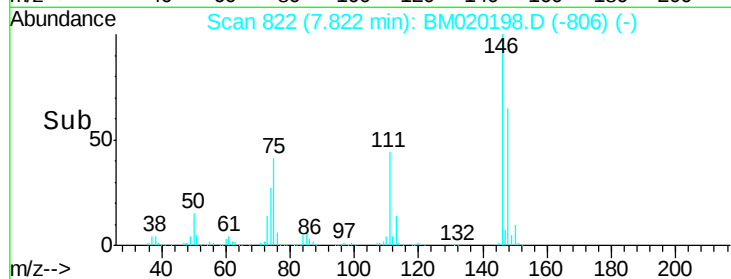
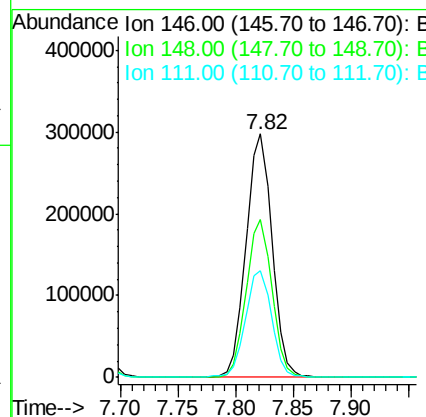
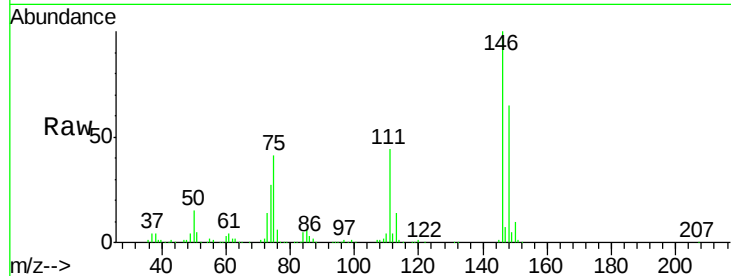
#13
 1,4-Dichlorobenzene
 Concen: 37.768 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	466725		
148	64.9	48.5	72.7	
111	43.7	35.7	53.5	

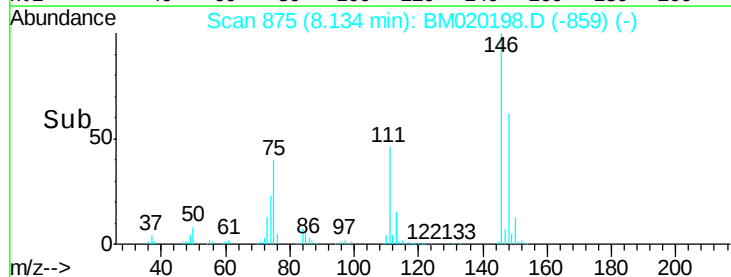
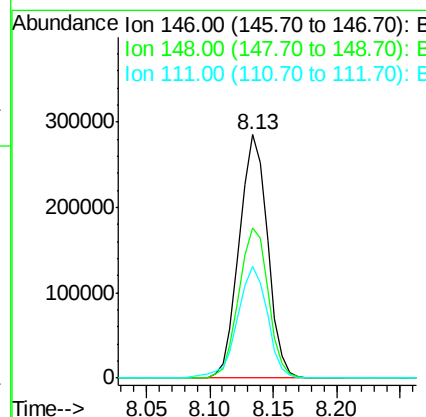
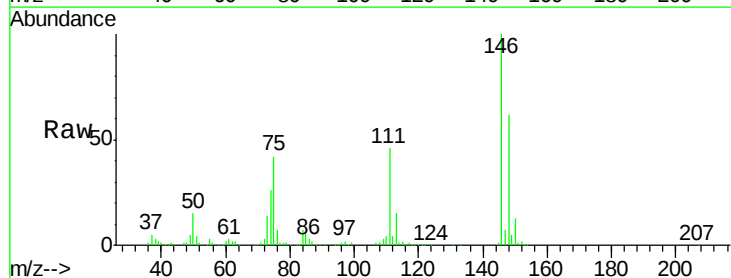
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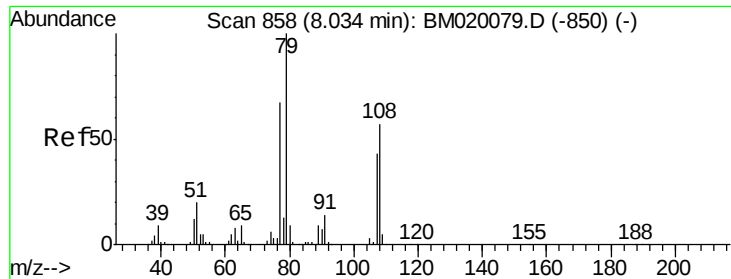
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#14
 1,2-Dichlorobenzene
 Concen: 37.520 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	441731		
148	61.8	52.6	79.0	
111	45.8	39.0	58.4	





#15

Benzyl Alcohol

Concen: 33.906 ng

RT: 8.03 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

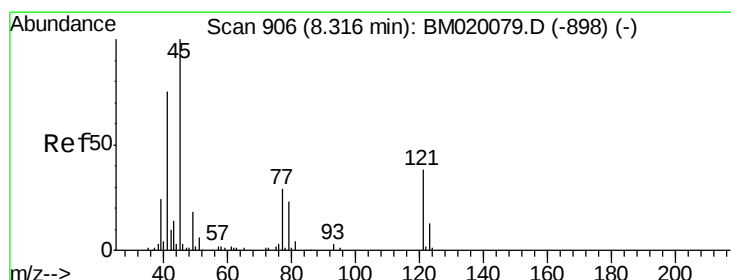
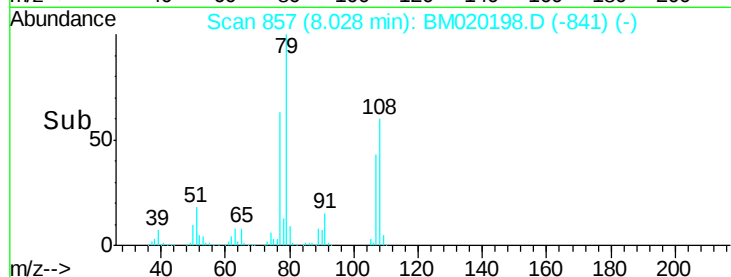
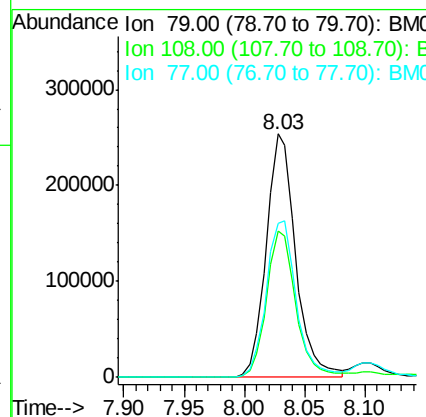
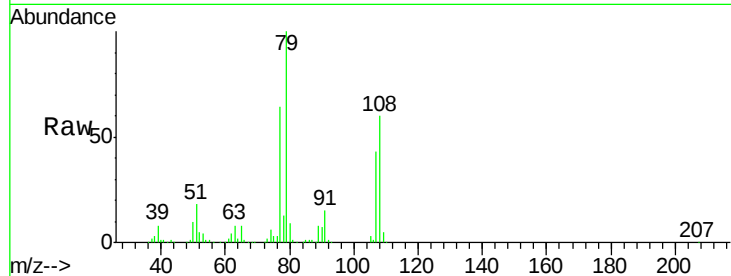
ClientSampleId :

PB119288BS

Tot Ion:	79	Resp:	431289
Ion Ratio	Lower	Upper	
79	100		
108	60.3	46.0	69.0
77	63.5	53.8	80.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.202 ng

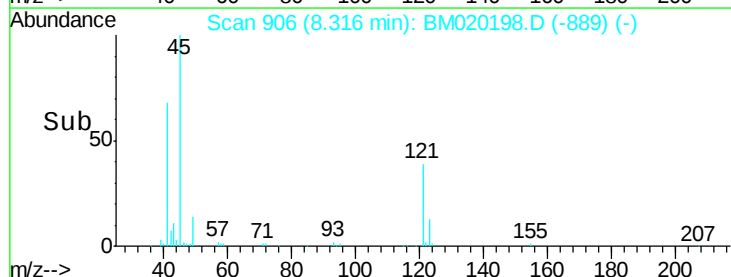
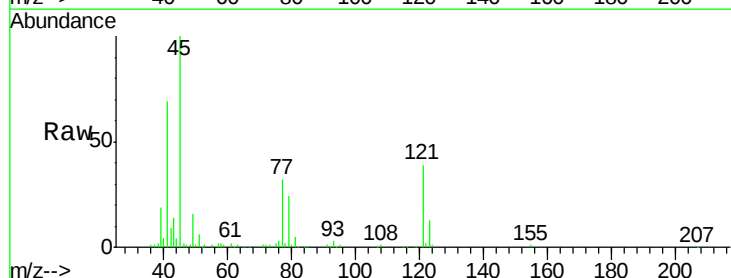
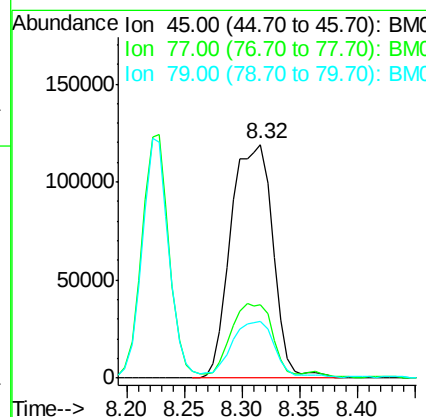
RT: 8.32 min Scan# 906

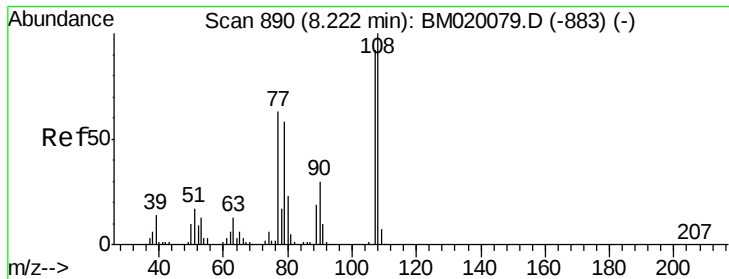
Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	45	Resp:	301279
Ion Ratio	Lower	Upper	
45	100		
77	31.6	10.5	50.5
79	24.4	3.3	43.3





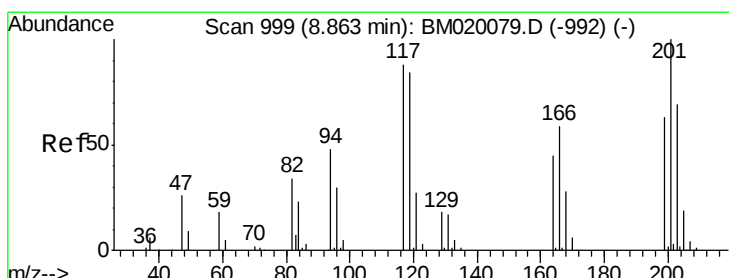
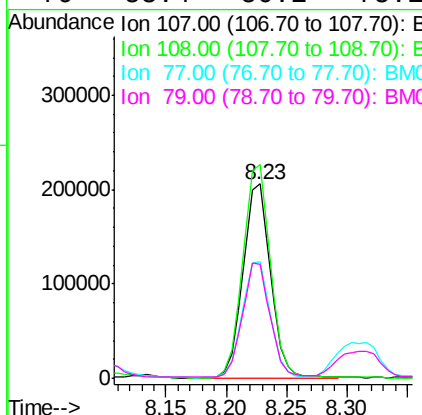
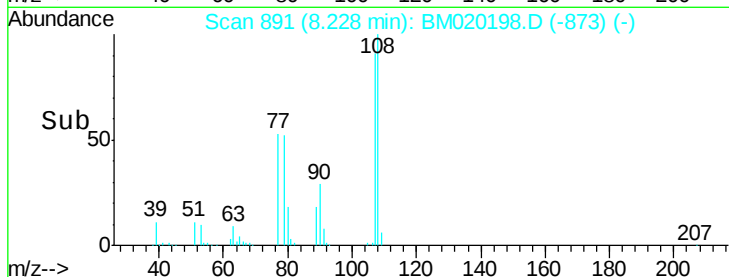
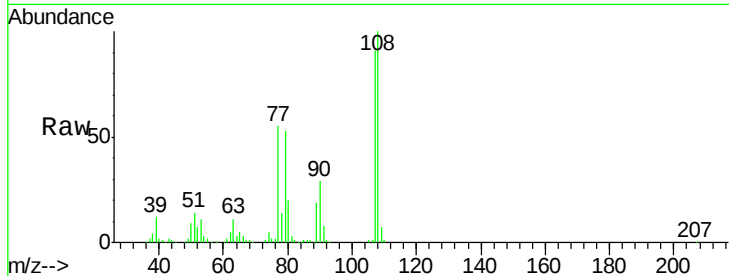
#17
2-Methylphenol
Concen: 36.368 ng
RT: 8.23 min Scan# 891
Delta R.T. 0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	107	Resp	332466
Ion Ratio	Lower	Upper	
107	100		
108	109.9	87.0	130.4
77	60.2	54.7	82.1
79	58.4	50.1	75.1

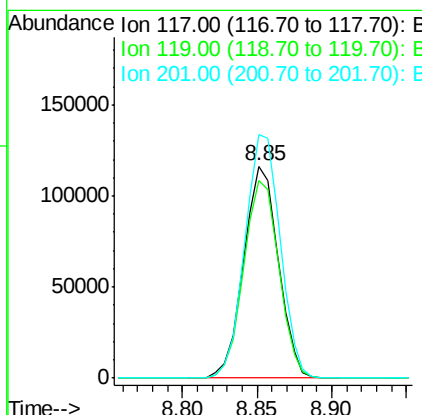
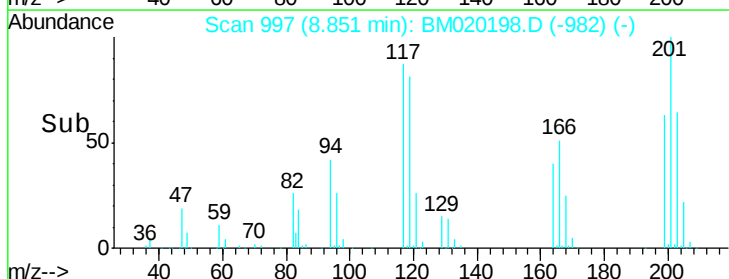
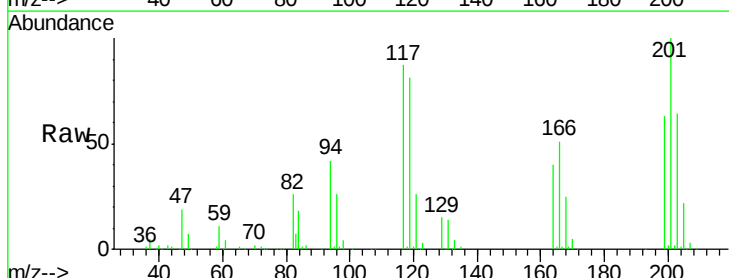
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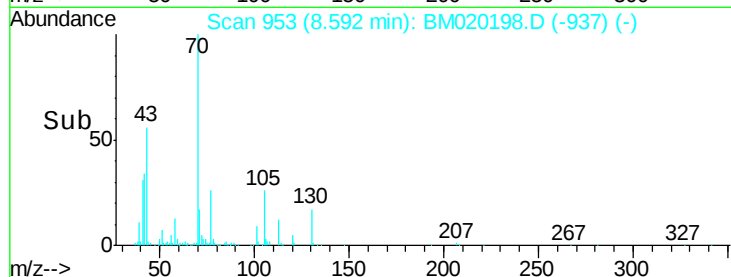
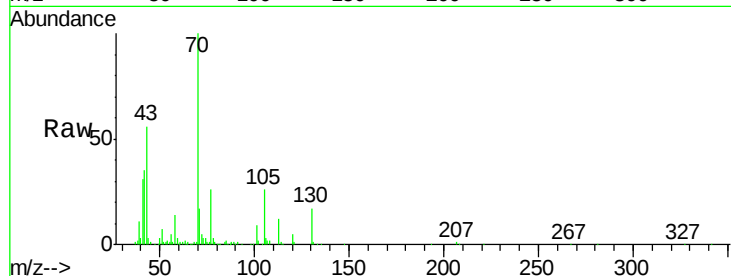
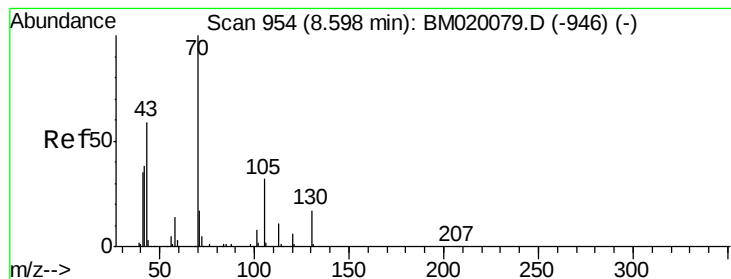
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#18
Hexachloroethane
Concen: 36.268 ng
RT: 8.85 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	117	Resp	186877
Ion Ratio	Lower	Upper	
117	100		
119	93.4	76.6	114.8
201	114.9	90.7	136.1





#19

n-Nitroso-di-n-propylamine

Concen: 33.406 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	34.8	31.0	46.4		
101	8.7	6.2	9.2		
130	16.6	13.5	20.3		

Instrument :

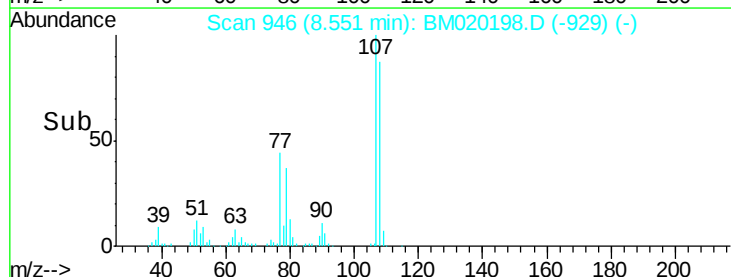
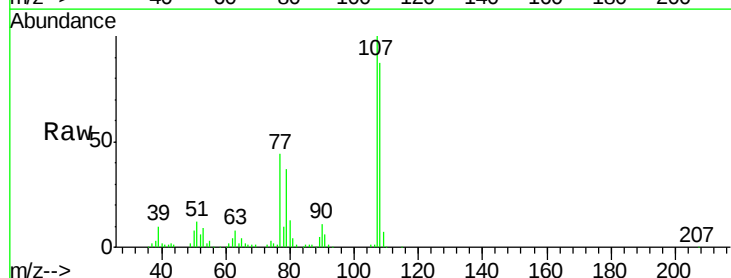
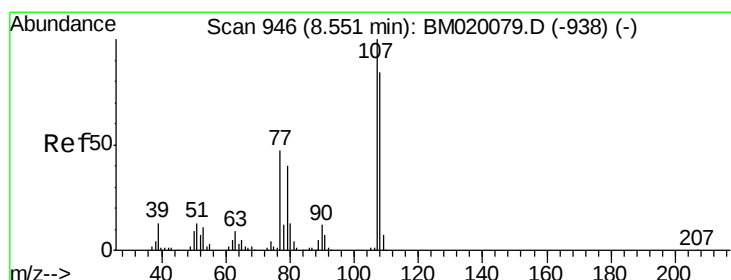
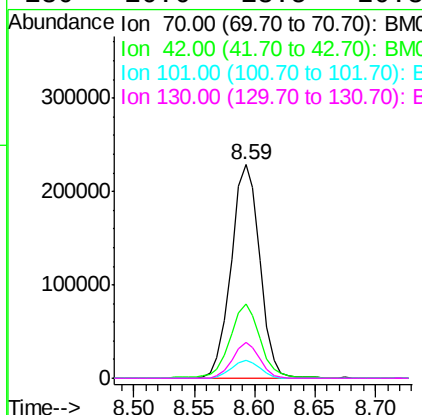
BNA_M

ClientSampleId :

PB119288BS

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#20

3+4-Methylphenols

Concen: 36.561 ng

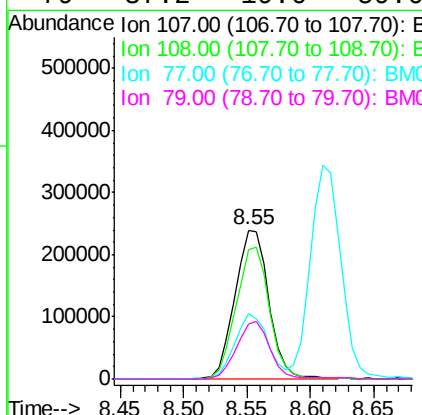
RT: 8.55 min Scan# 946

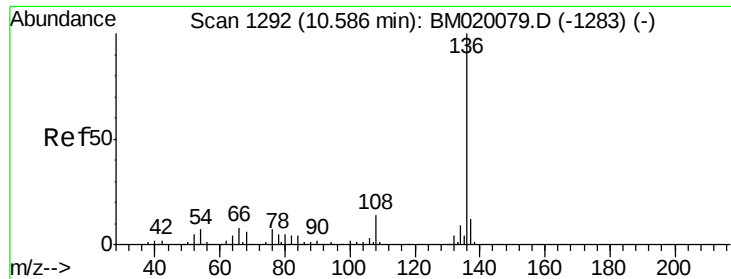
Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.0	64.4	104.4		
77	44.2	27.2	67.2		
79	37.2	19.6	59.6		





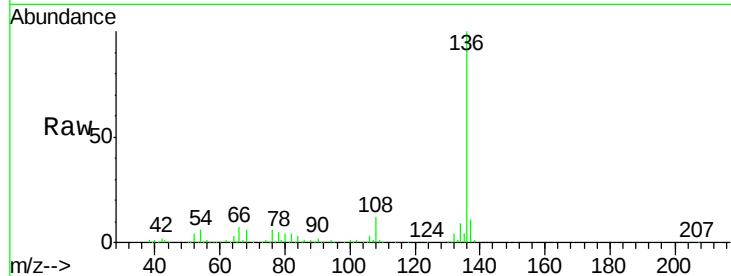
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

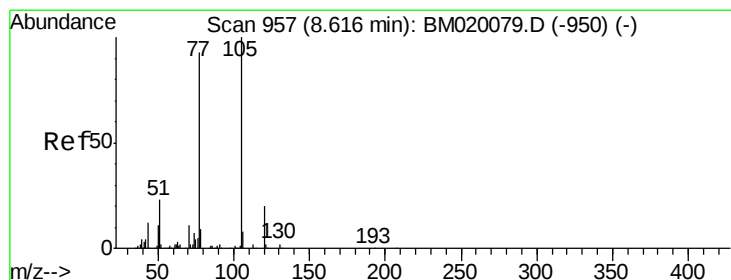
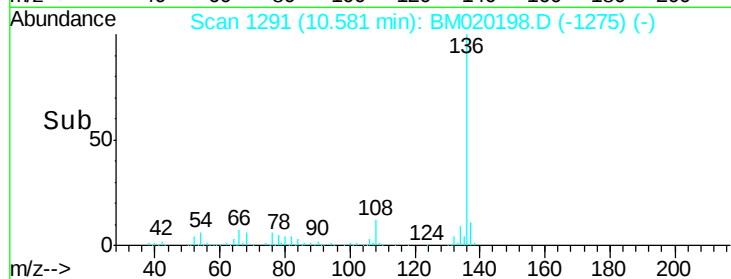
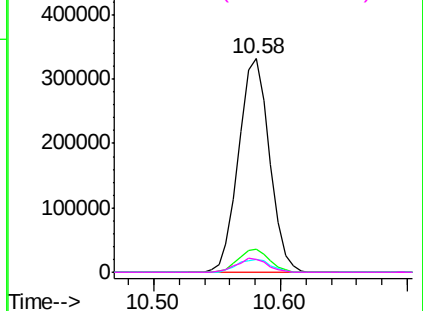
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		561445		
137	10.9		9.6	14.4	
54	6.1		5.5	8.3	
68	6.1		4.6	6.8	

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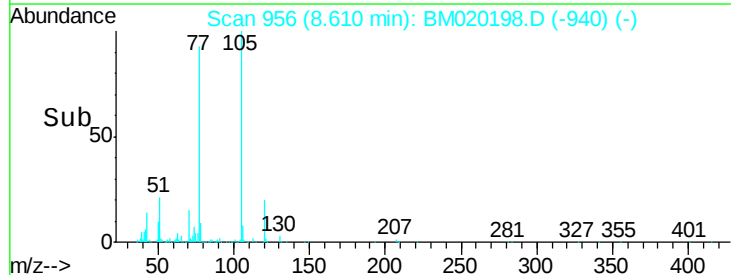
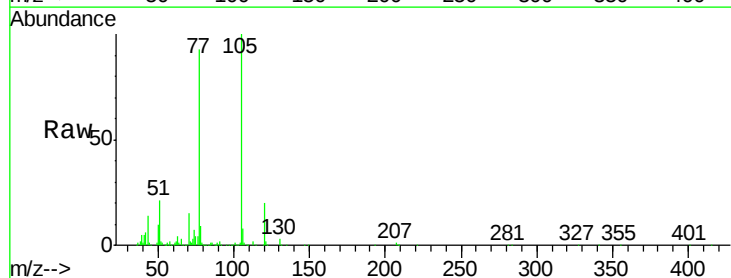
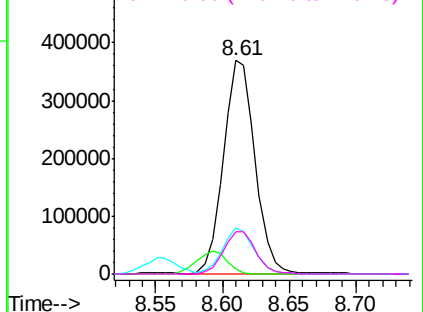
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

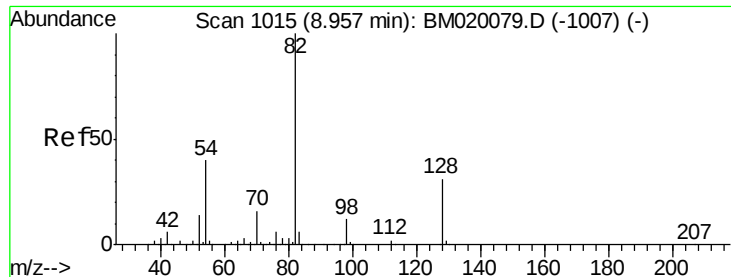


#22
Acetophenone
Concen: 39.731 ng
RT: 8.61 min Scan# 956
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		609644		
71	2.5		2.2	3.2	
51	21.5		19.3	28.9	
120	20.0		16.2	24.4	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.089 ng

RT: 8.95 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion: 82 Resp: 1039393

Ion Ratio Lower Upper

82 100

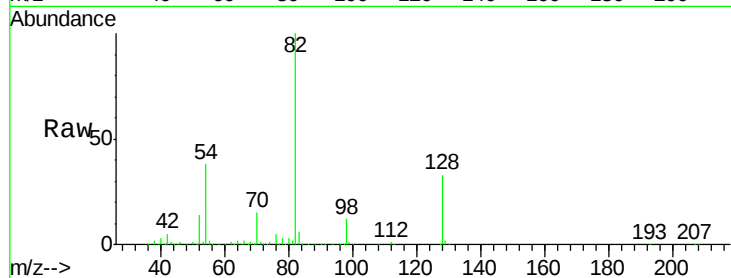
128 33.3 25.2 37.8

54 37.8 31.9 47.9

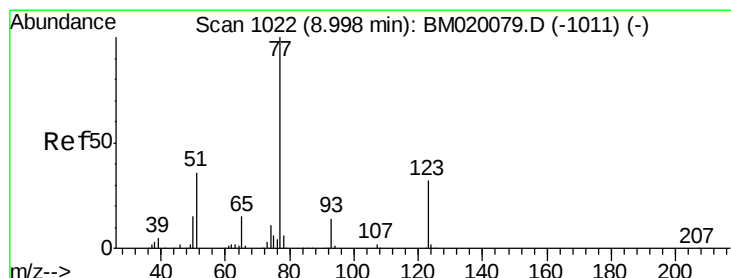
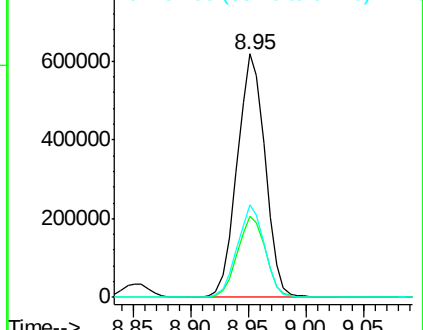
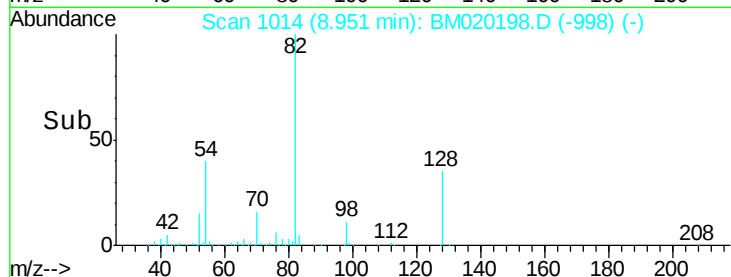
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Abundance Ion 82.00 (81.70 to 82.70): BM020198.D (-998) (-)



#24

Nitrobenzene

Concen: 37.167 ng

RT: 8.99 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

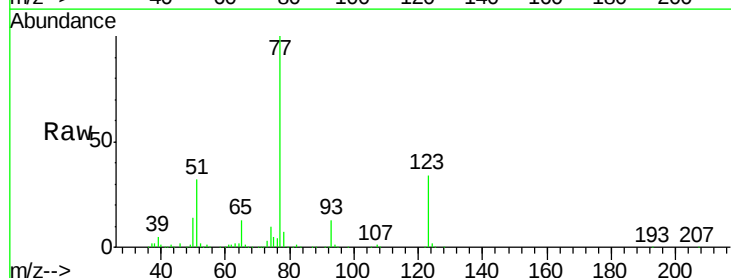
Tgt Ion: 77 Resp: 548026

Ion Ratio Lower Upper

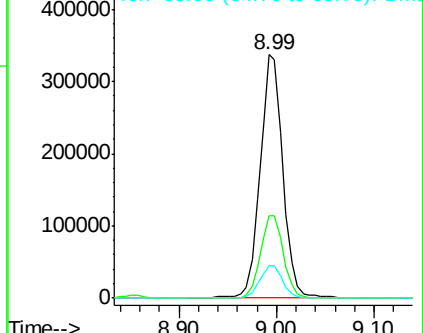
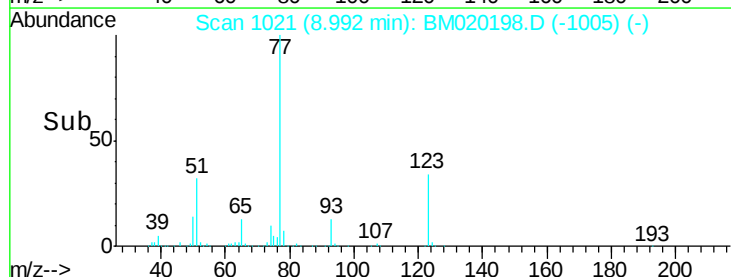
77 100

123 34.0 25.5 38.3

65 13.4 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BM020198.D (-1005) (-)





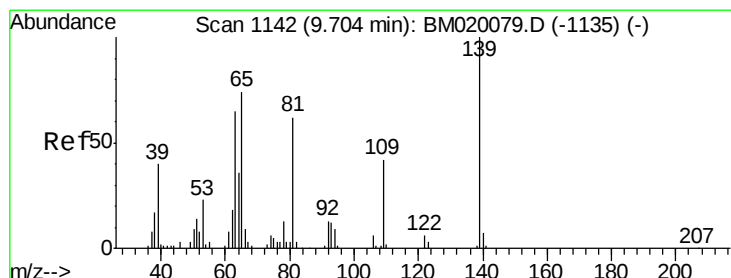
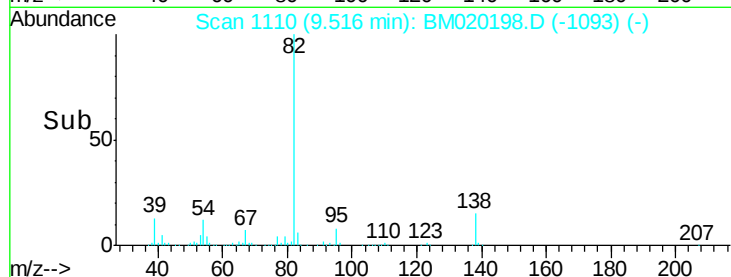
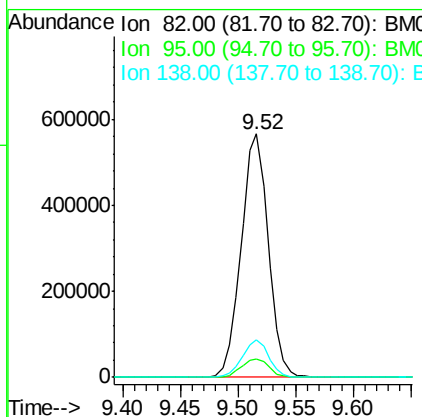
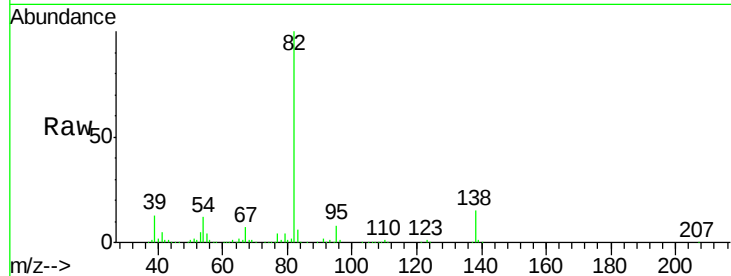
#25
Isophorone
Concen: 37.753 ng
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.7	6.4	9.6	
138	15.5	11.1	16.7	

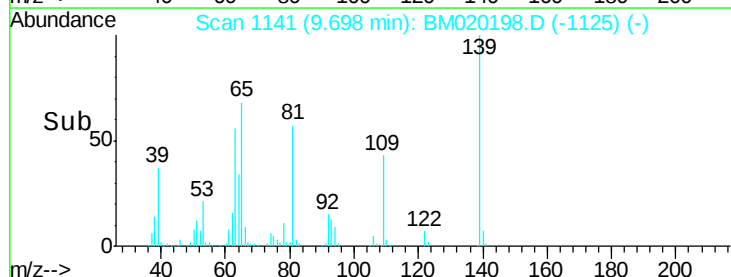
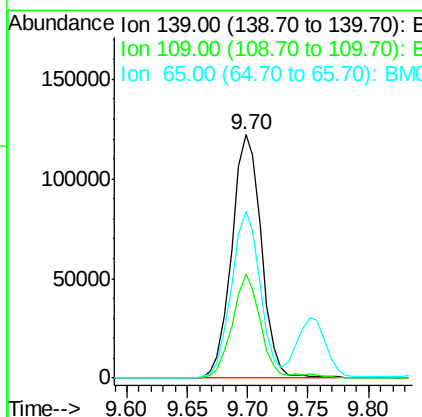
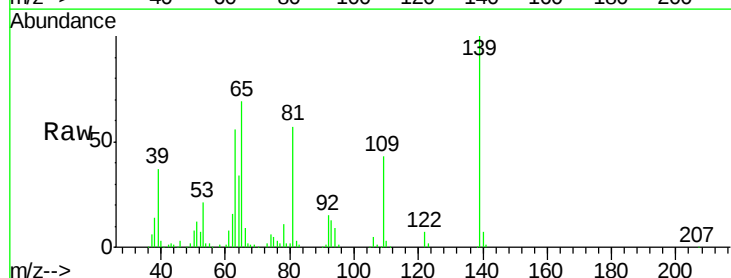
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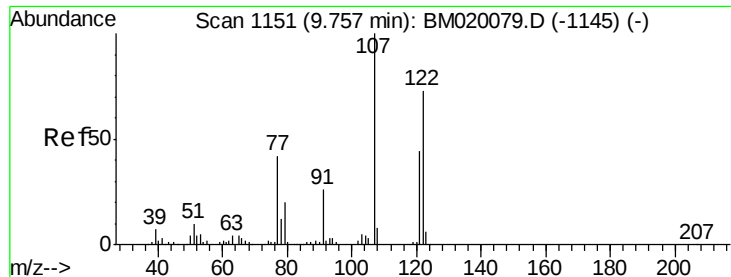
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#26
2-Nitrophenol
Concen: 46.965 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	42.8	33.7	50.5	
65	68.7	59.5	89.3	





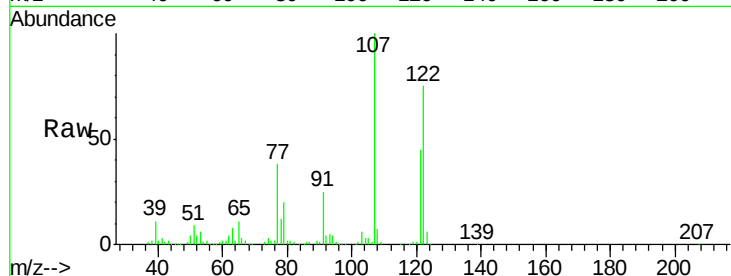
#27
2,4-Dimethylphenol
Concen: 44.967 ng
RT: 9.75 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

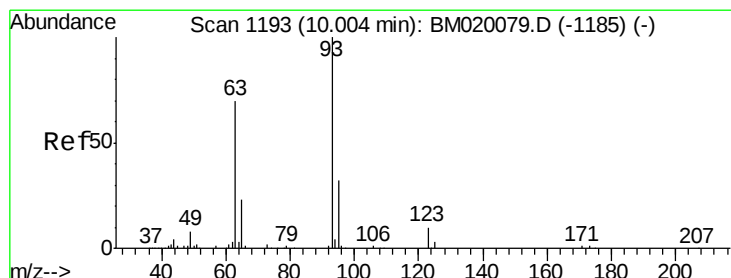
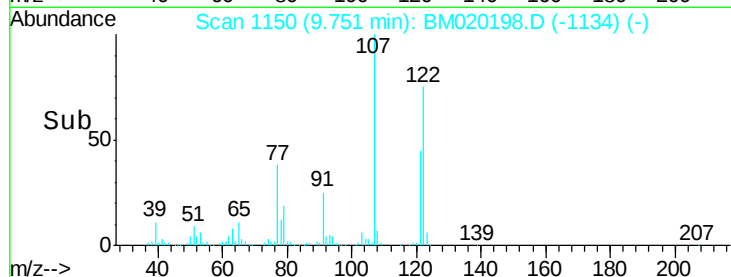
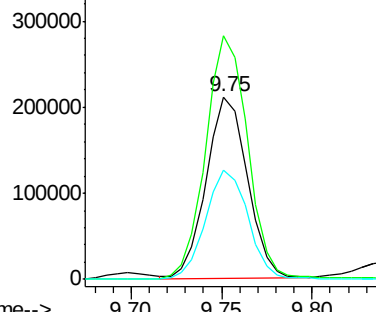
Tot Ion	Ratio	Lower	Upper
122	100		
107	133.3	108.6	162.8
121	59.7	47.4	71.2

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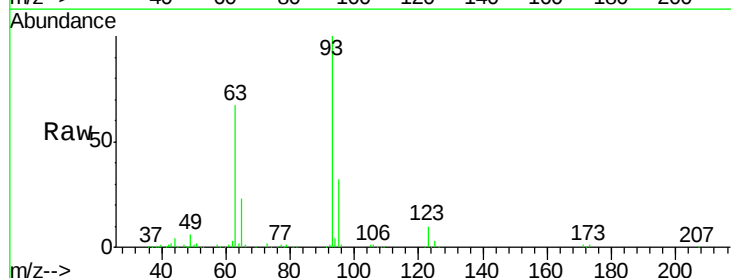


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

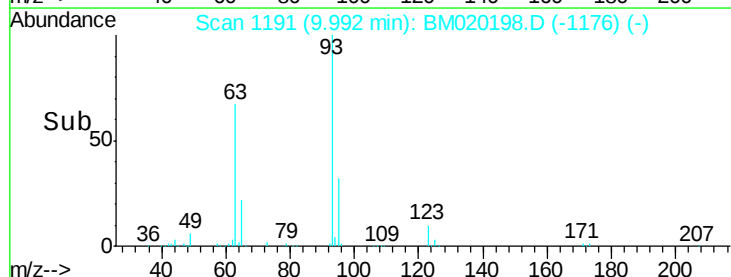
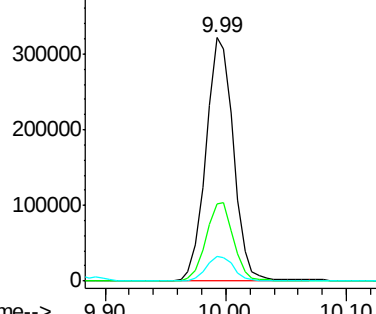


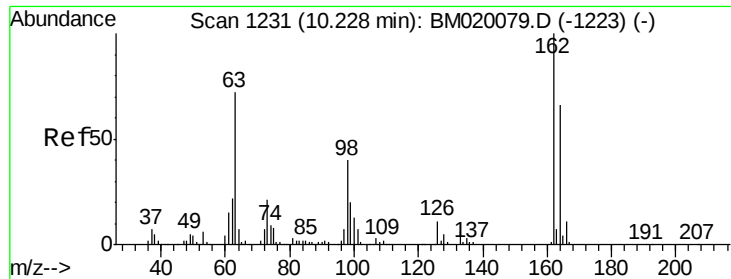
#28
bis(2-Chloroethoxy)methane
Concen: 38.364 ng
RT: 9.99 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.5	38.3
123	10.4	7.6	11.4



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E





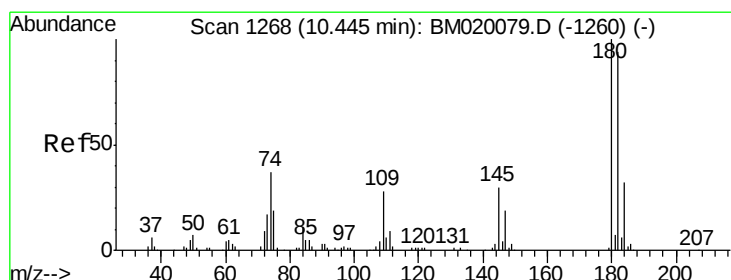
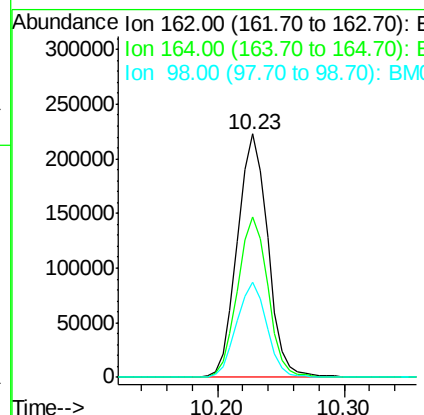
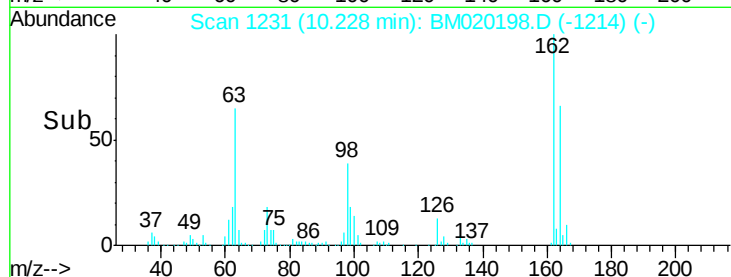
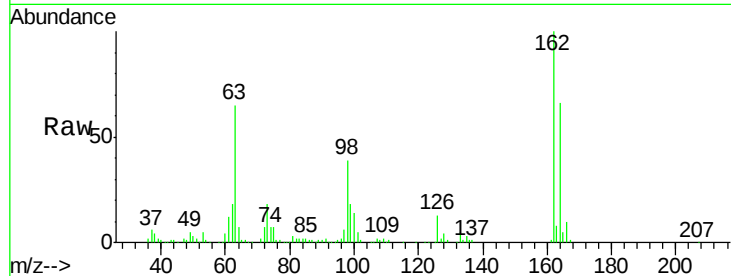
#29
 2,4-Dichlorophenol
 Concen: 39.793 ng
 RT: 10.23 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	371868		
164	65.9	45.6	85.6	
98	39.0	20.4	60.4	

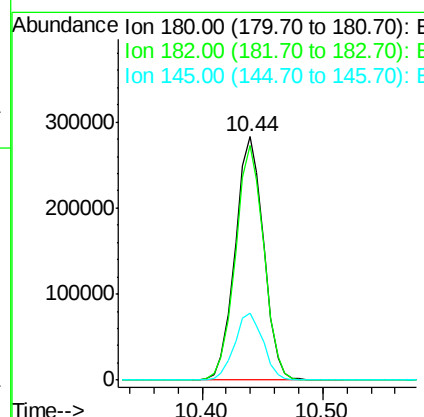
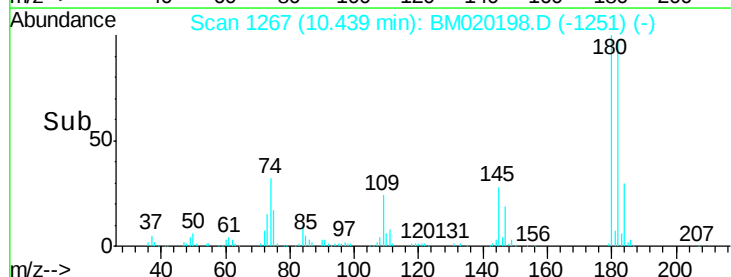
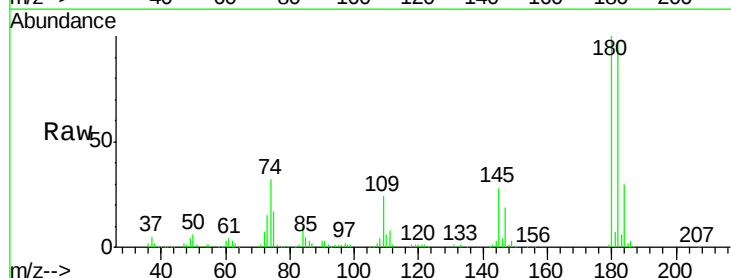
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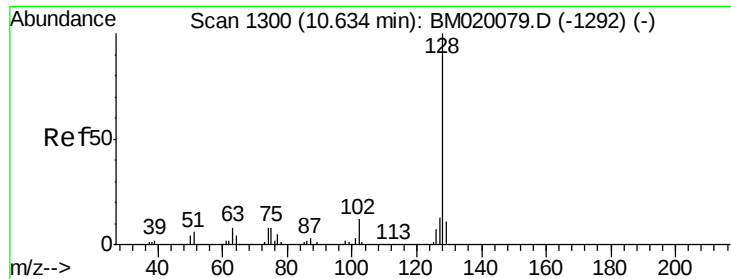
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.337 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	463821		
182	96.6	75.4	113.0	
145	27.7	23.8	35.8	





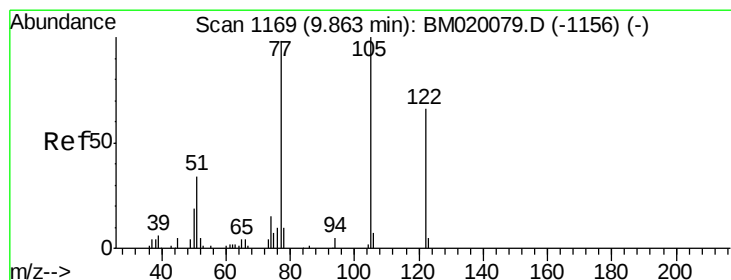
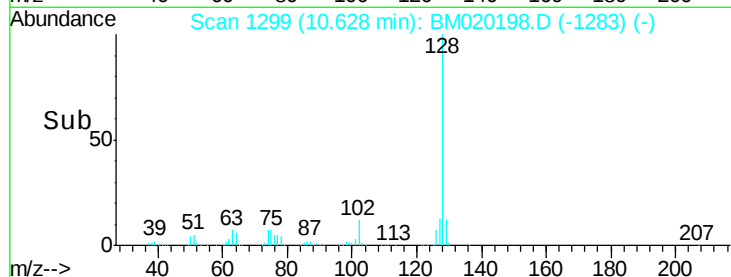
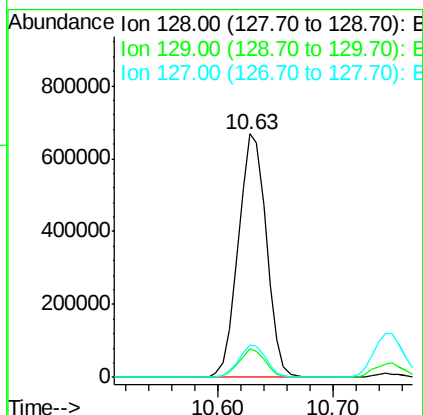
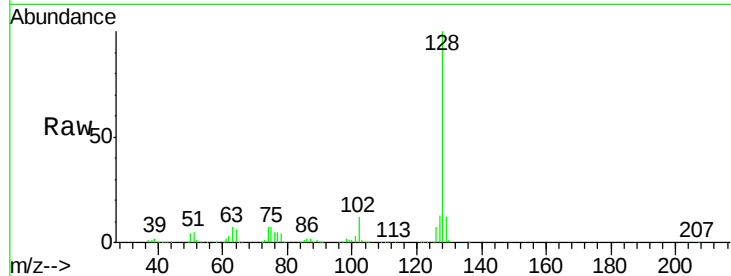
#31
Naphthalene
Concen: 38.782 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.2	10.4	15.6

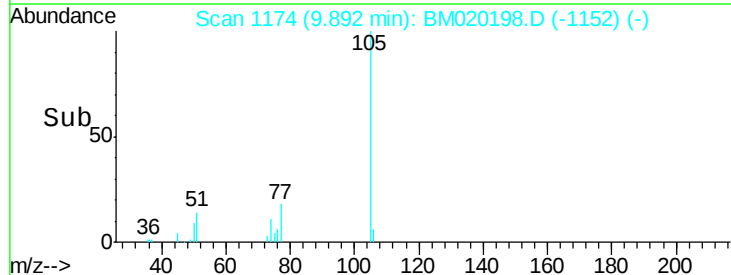
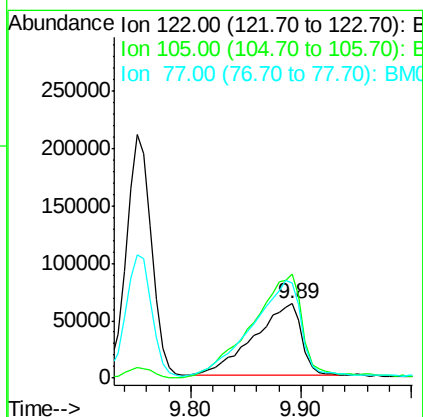
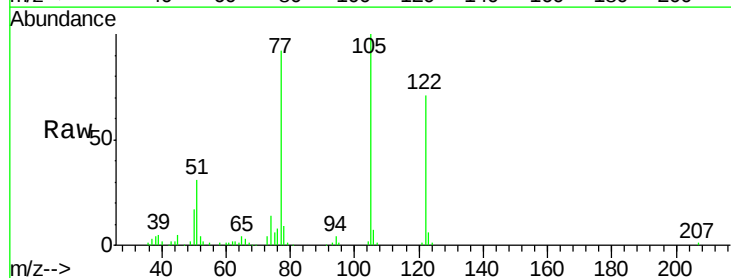
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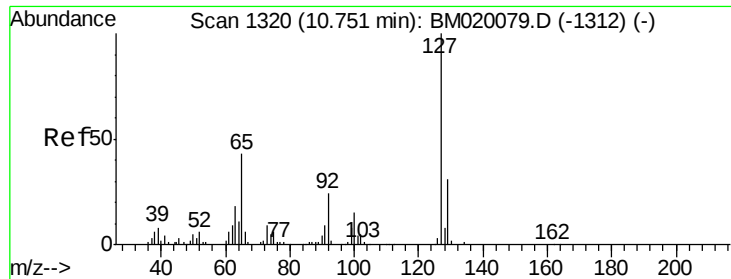
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#32
Benzoic acid
Concen: 37.719 ng
RT: 9.89 min Scan# 1174
Delta R.T. 0.03 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.9	122.5	162.5
77	128.9	123.3	163.3





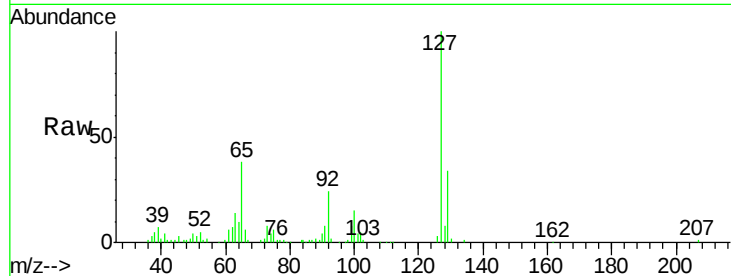
#33
4-Chloroaniline
Concen: 18.788 ng
RT: 10.75 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

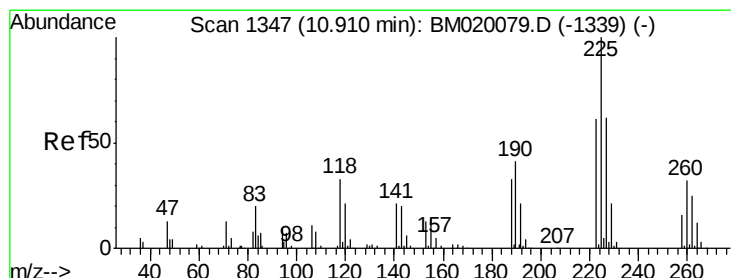
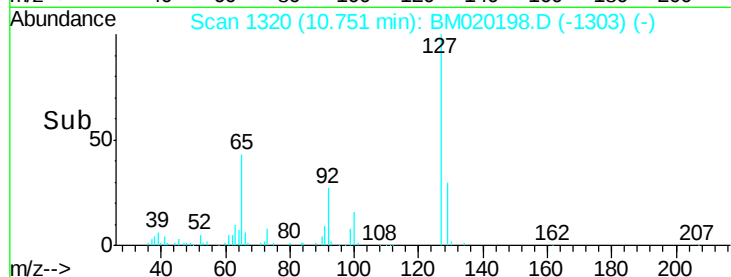
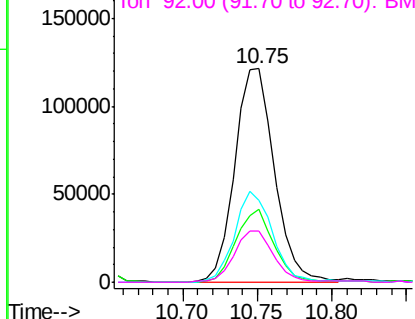
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.2	24.7	37.1	
65	38.4	34.6	52.0	
92	24.2	19.5	29.3	

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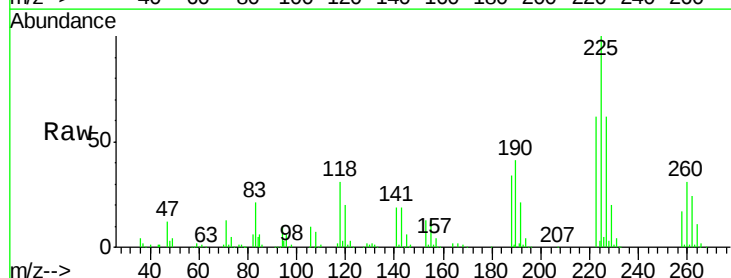


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

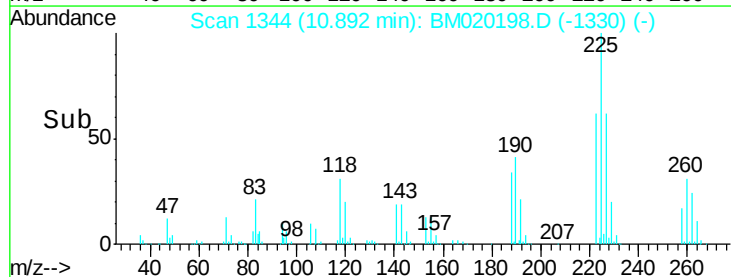
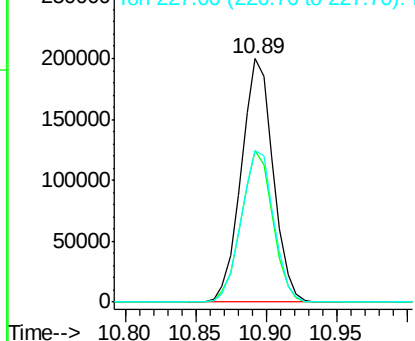


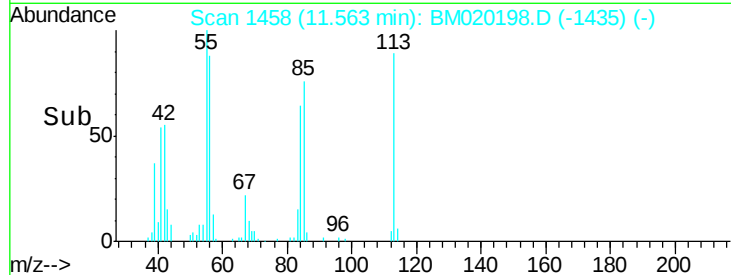
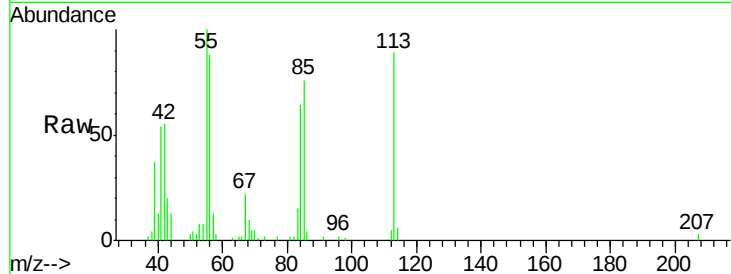
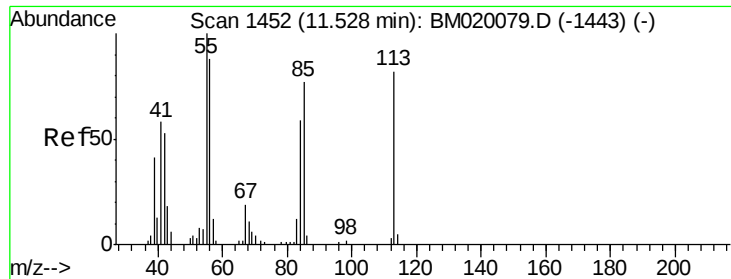
#34
Hexachlorobutadiene
Concen: 38.745 ng
RT: 10.89 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	48.9	73.3	
227	62.3	49.6	74.4	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





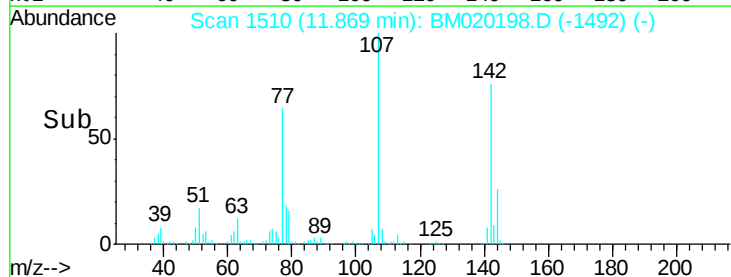
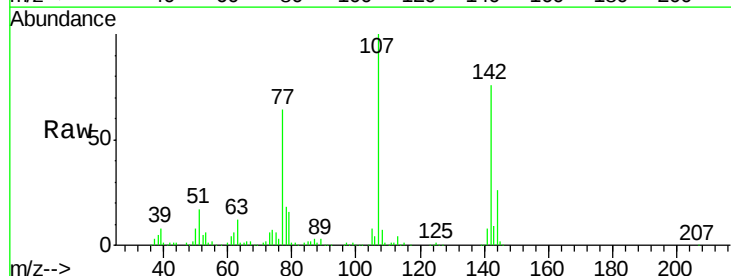
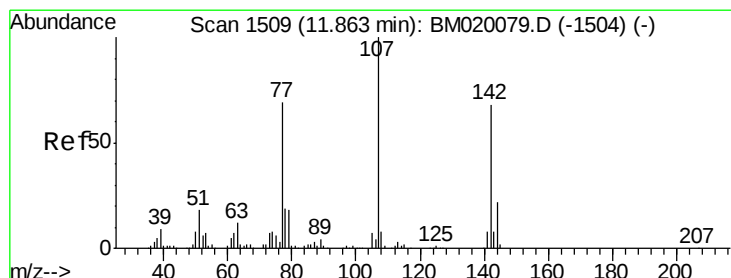
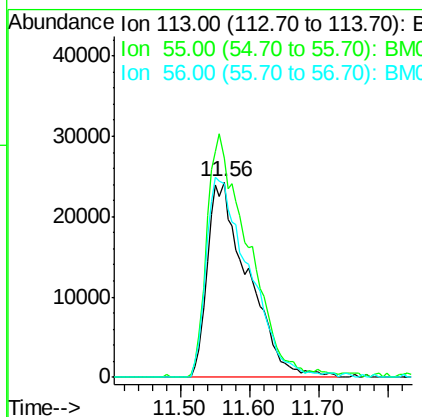
#35
Caprolactam
Concen: 35.292 ng/ml
RT: 11.56 min Scan# 1458
Delta R.T. 0.04 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tot Ion	Ratio	Lower	Upper
113	100		
55	112.6	102.5	142.5
56	99.5	87.7	127.7

Instrument :
BNA_M
ClientSampleId :
PB119288BS

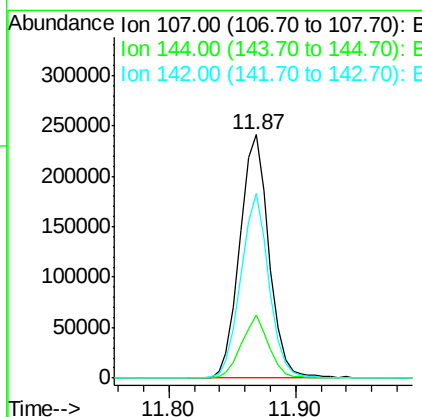
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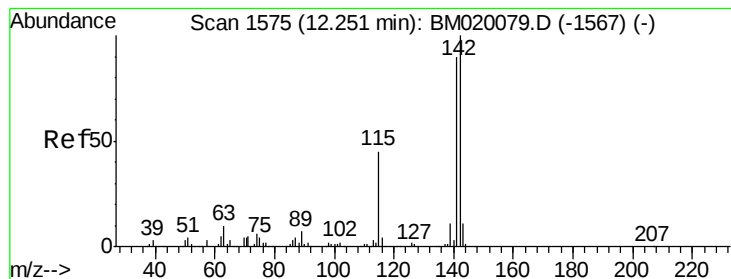
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#36
4-Chloro-3-methylphenol
Concen: 35.090 ng/ml
RT: 11.87 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	17.6	26.4
142	75.6	54.6	82.0





#37

2-Methylnaphthalene

Concen: 38.805 ng

RT: 12.25 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

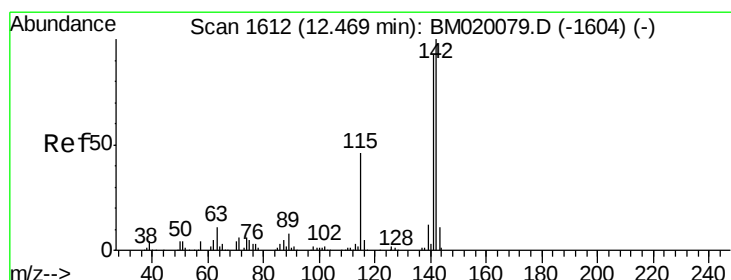
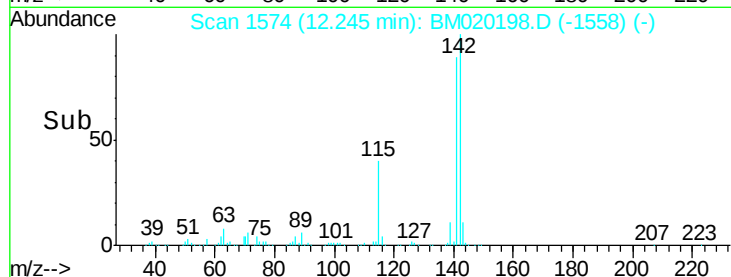
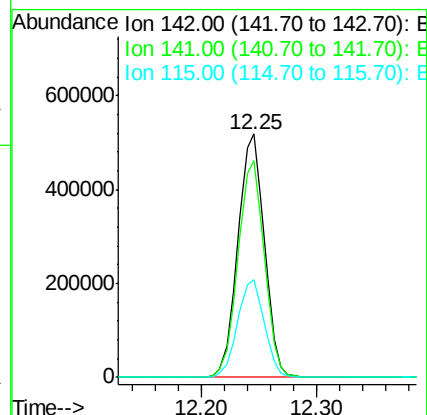
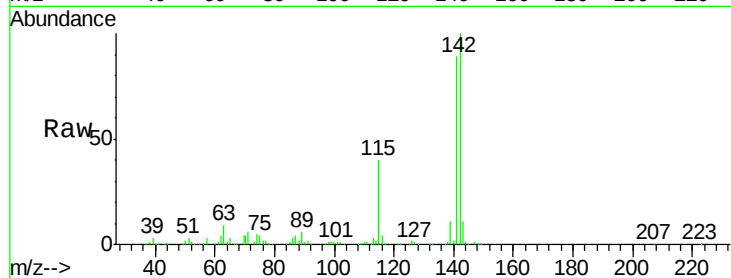
ClientSampleId :

PB119288BS

Tot Ion:	142	Resp:	824256
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.6	107.4
115	40.1	35.8	53.6

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#38

1-Methylnaphthalene

Concen: 37.485 ng

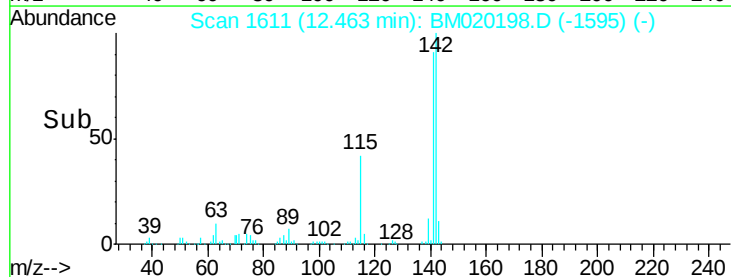
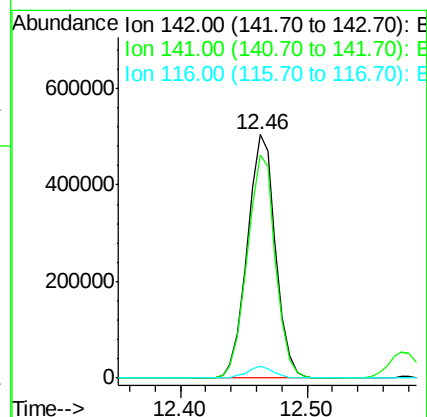
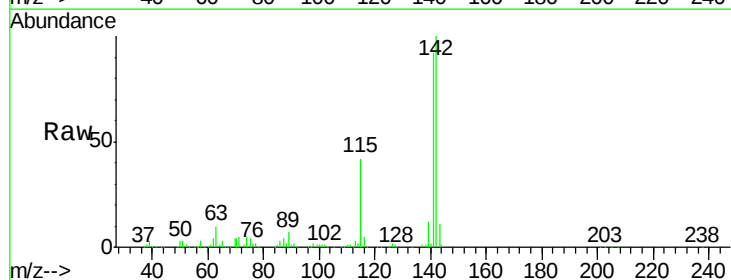
RT: 12.46 min Scan# 1611

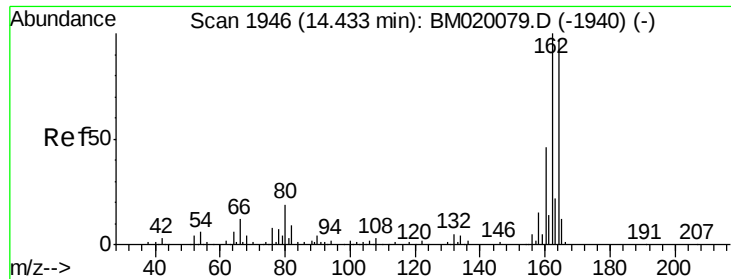
Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	142	Resp:	778584
Ion Ratio	Lower	Upper	
142	100		
141	91.5	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: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

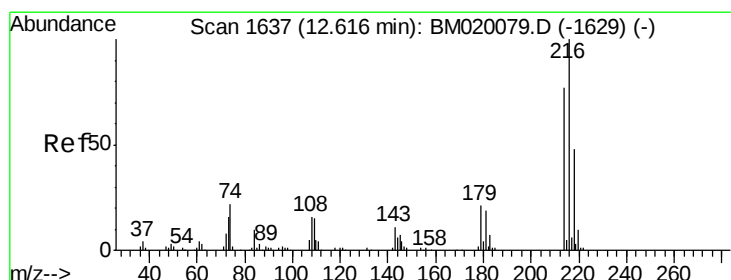
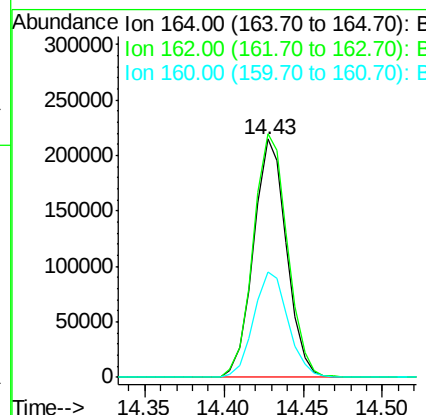
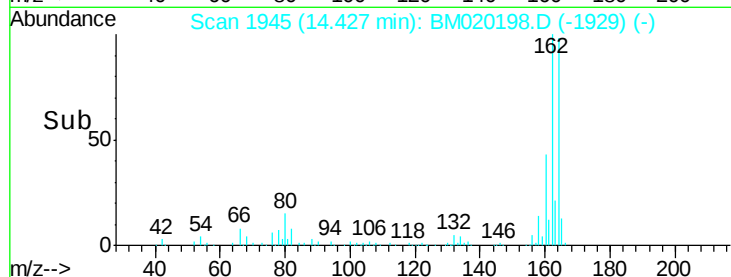
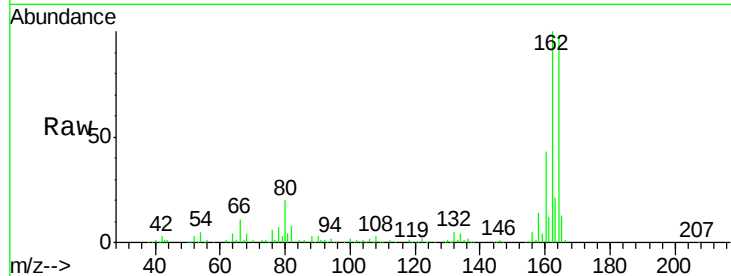
ClientSampleId :

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Tot Ion:	164	Resp:	310108
Ion Ratio	Lower	Upper	
164	100		
162	102.2	82.2	123.2
160	44.1	37.6	56.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.832 ng

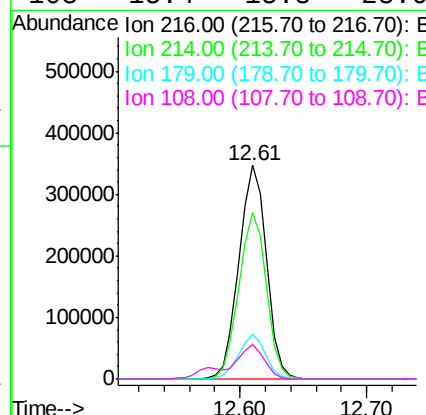
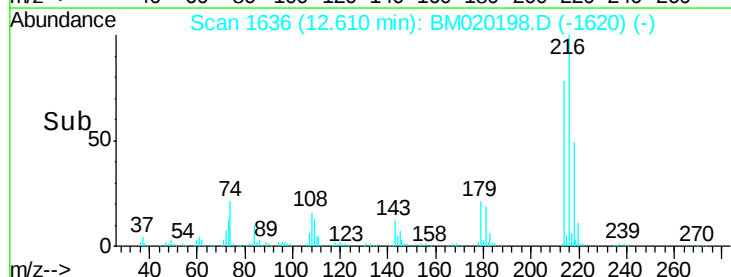
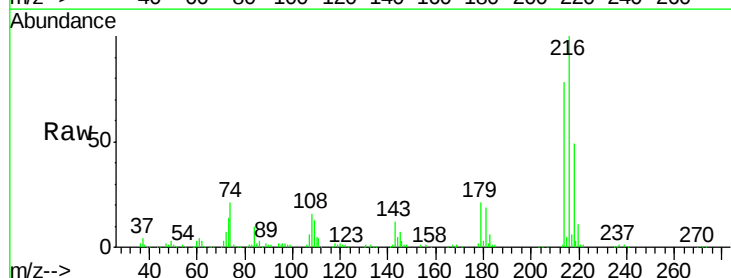
RT: 12.61 min Scan# 1636

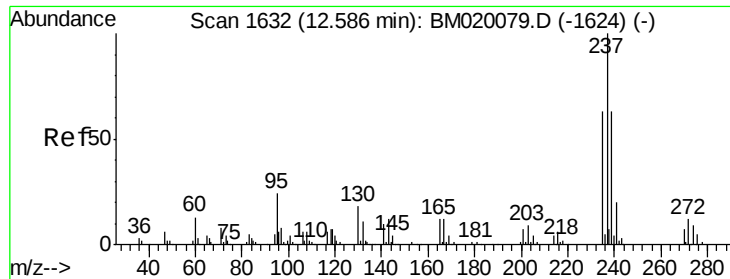
Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	216	Resp:	519665
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.6	94.0
179	20.2	17.1	25.7
108	15.4	15.8	23.6#





#41

Hexachlorocyclopentadiene

Concen: 115.138 ng

RT: 12.57 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

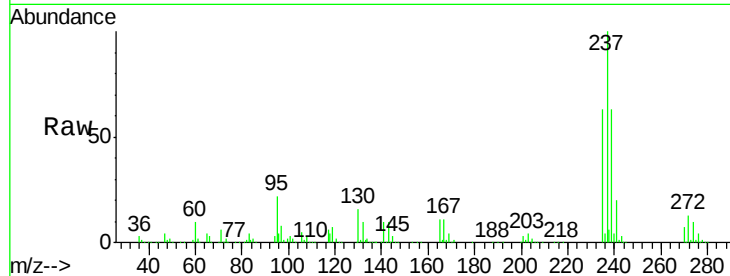
ClientSampleId :

PB119288BS

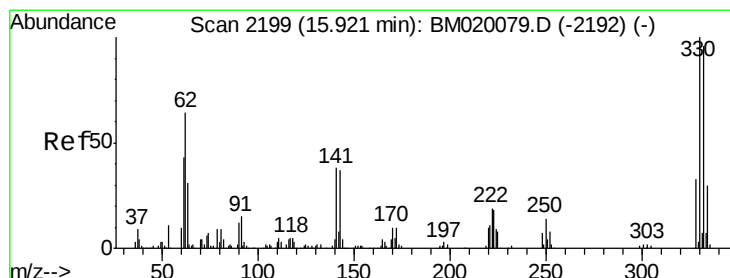
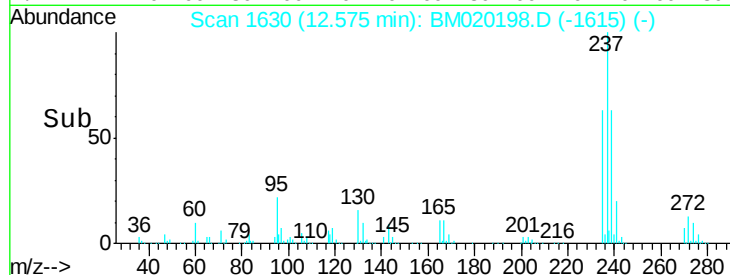
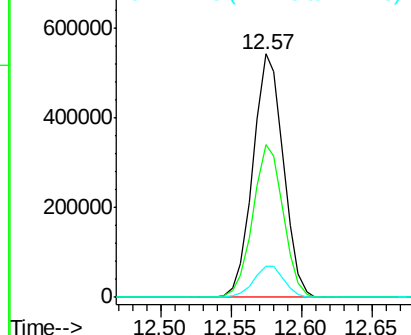
Tot Ion:	237	Resp:	822511
Ion Ratio		Lower	Upper
237	100		
235	63.0	43.4	83.4
272	12.9	0.0	31.7

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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: 131.839 ng

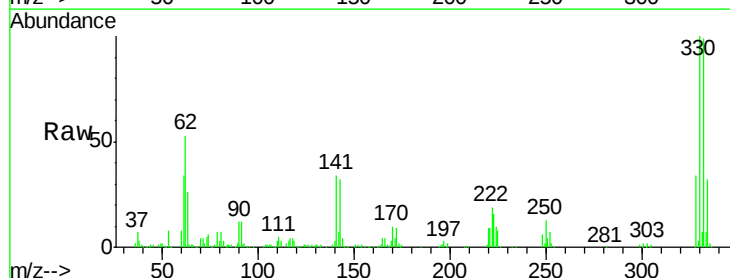
RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

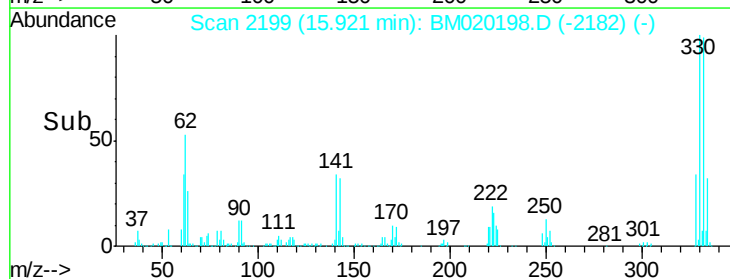
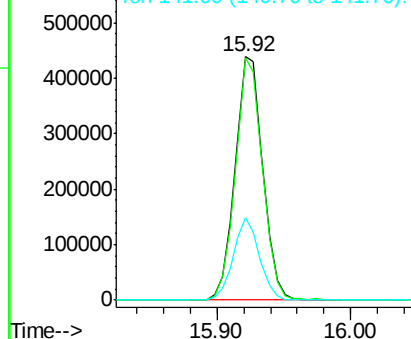
Lab File: BM020198.D

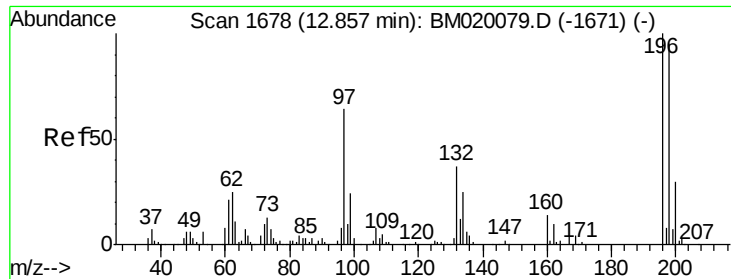
Acq: 08 May 2019 17:07

Tgt Ion:	330	Resp:	634602
Ion Ratio		Lower	Upper
330	100		
332	96.9	76.8	115.2
141	32.0	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





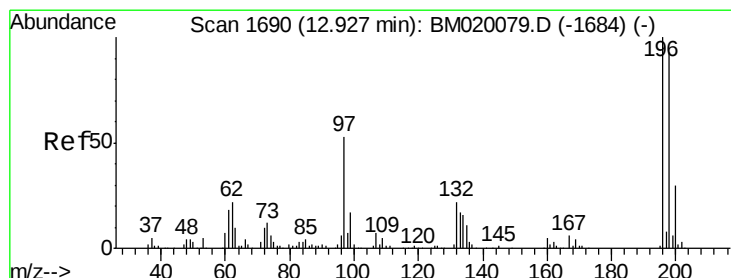
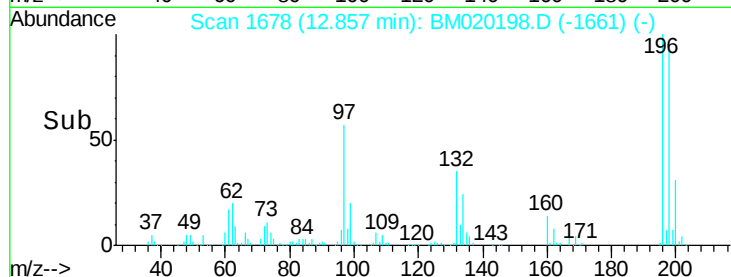
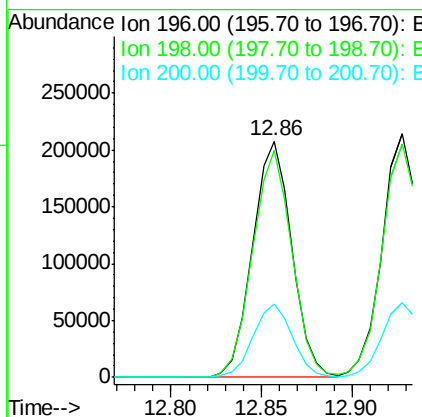
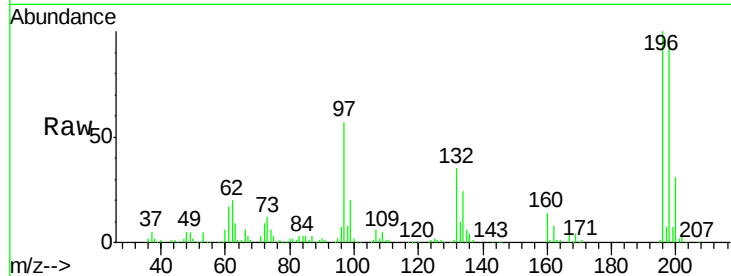
#43
 2,4,6-Trichlorophenol
 Concen: 45.286 ng
 RT: 12.86 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampled :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.2	114.2
200	31.3	24.3	36.5

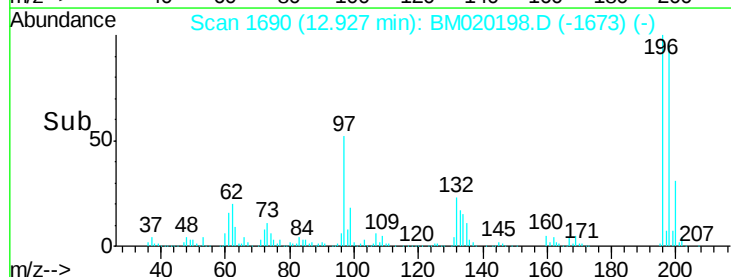
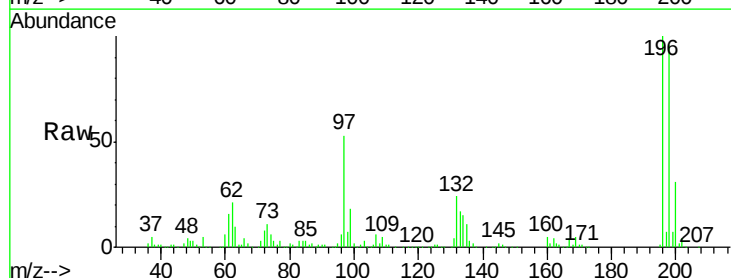
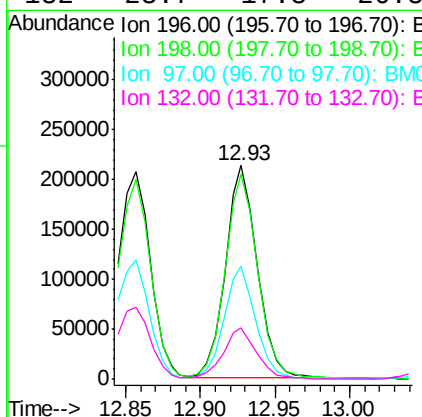
Manual Integrations
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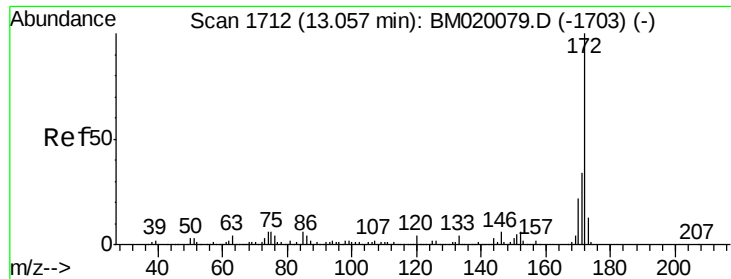
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#44
 2,4,5-Trichlorophenol
 Concen: 41.183 ng
 RT: 12.93 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	74.7	112.1
97	52.7	42.2	63.4
132	23.7	17.8	26.8





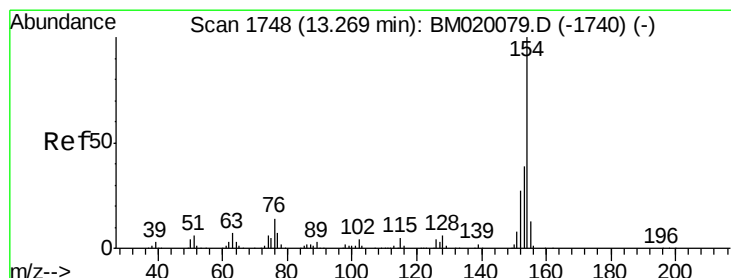
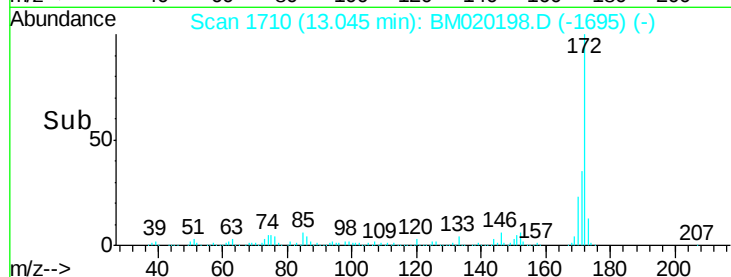
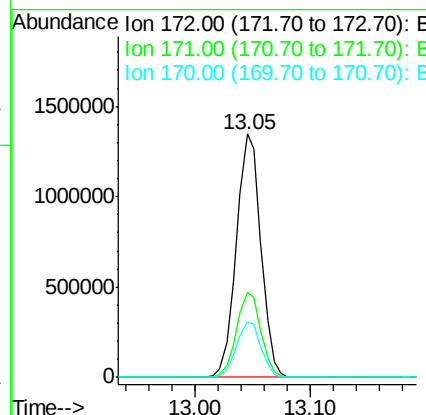
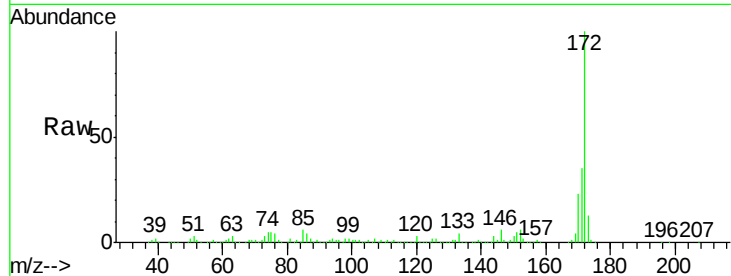
#45
2-Fluorobiphenyl
Concen: 78.318 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.3	40.9
170	22.8	17.9	26.9

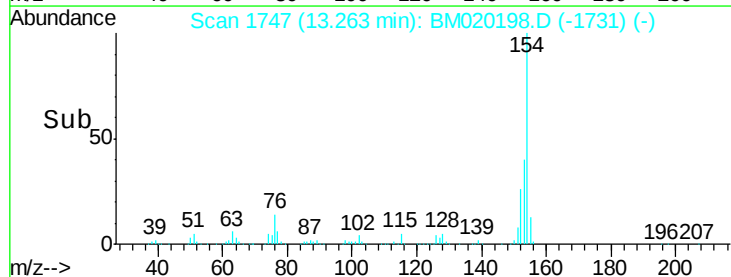
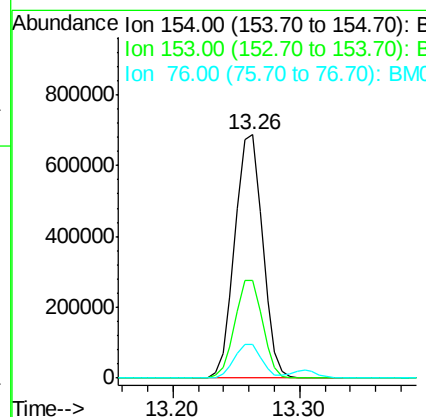
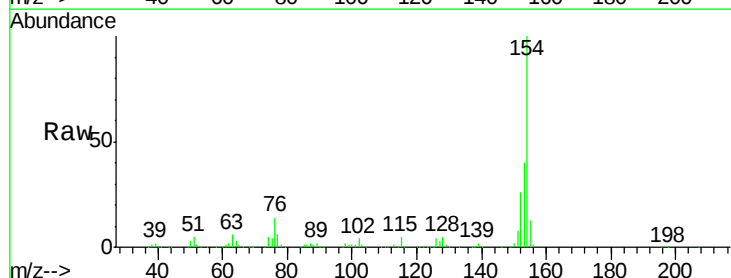
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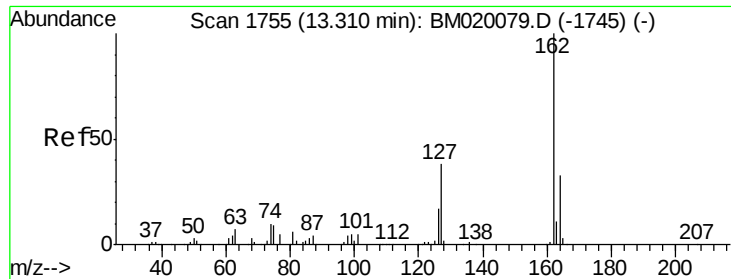
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#46
1,1'-Biphenyl
Concen: 40.826 ng
RT: 13.26 min Scan# 1747
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.4	59.4
76	13.6	0.0	34.5





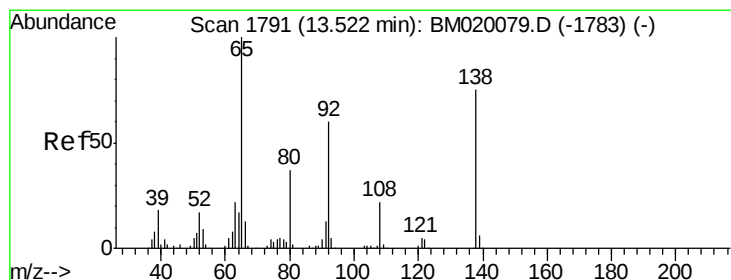
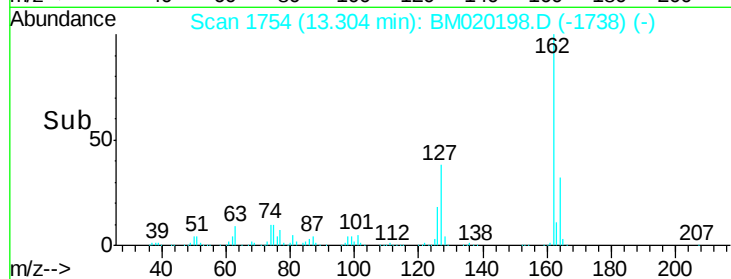
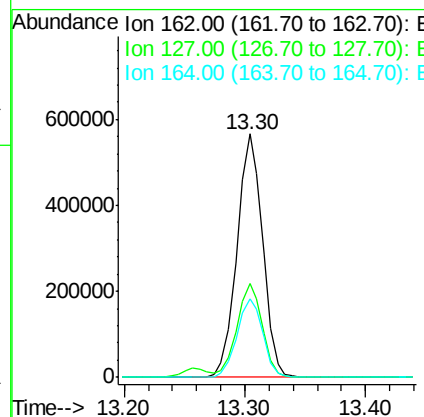
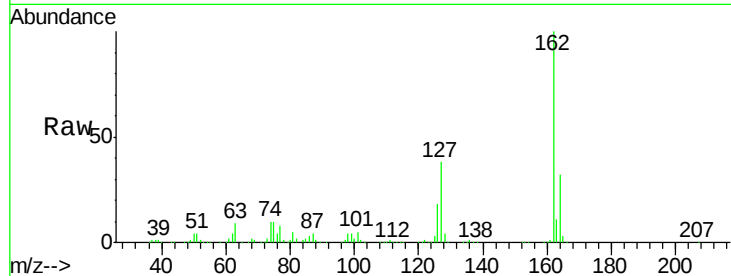
#47
 2-Chloronaphthalene
 Concen: 41.068 ng
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	31.0	46.4	
164	32.2	26.2	39.2	

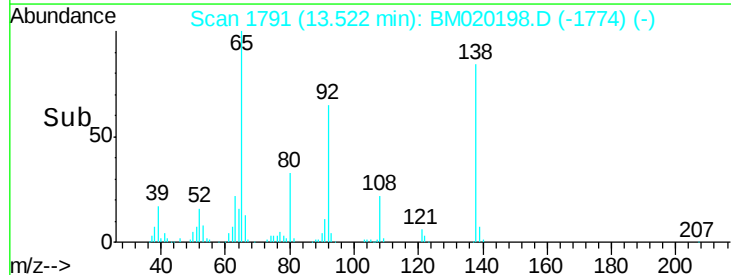
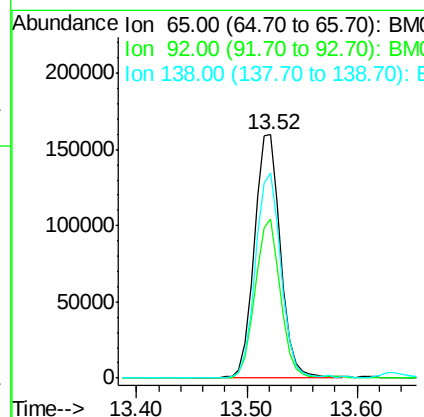
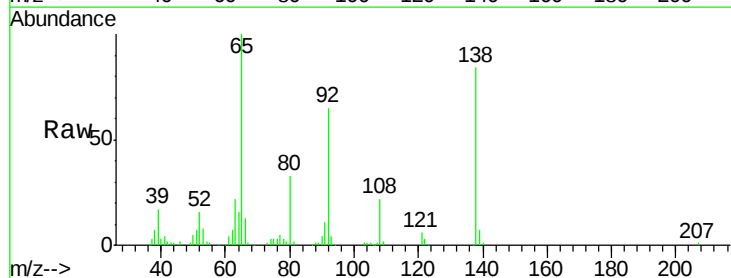
Manual Integrations
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#48
 2-Nitroaniline
 Concen: 36.689 ng
 RT: 13.52 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.5	48.2	72.4	
138	84.3	60.3	90.5	





#49

Acenaphthylene

Concen: 37.896 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:152 Resp: 1235988

Ion Ratio Lower Upper

152 100

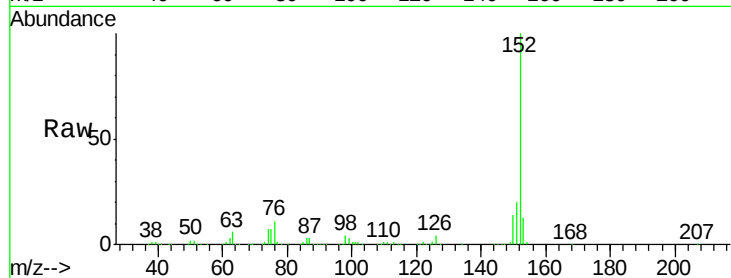
151 19.6 16.2 24.2

153 13.2 10.6 16.0

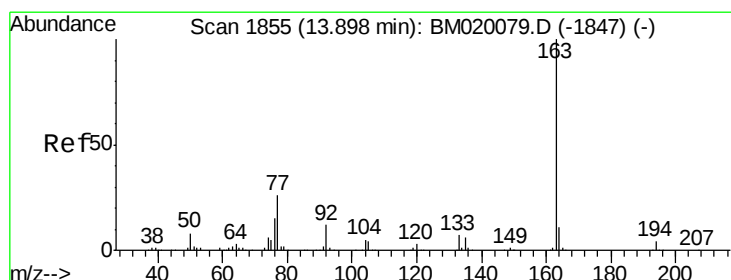
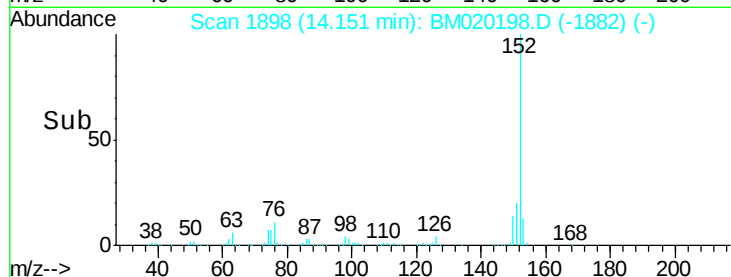
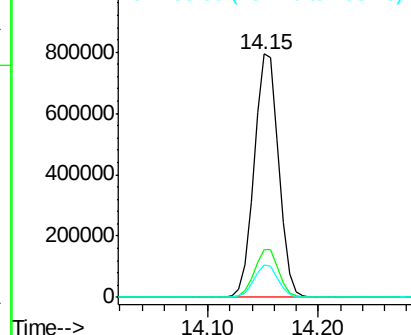
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.836 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

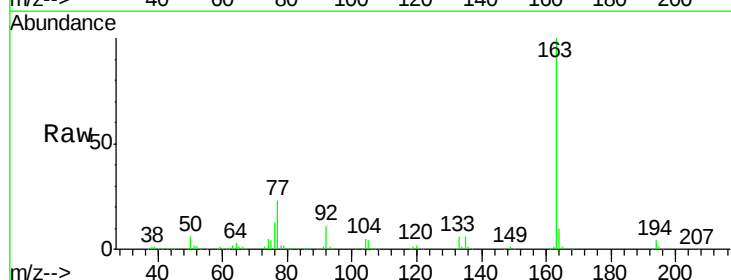
Tgt Ion:163 Resp: 970872

Ion Ratio Lower Upper

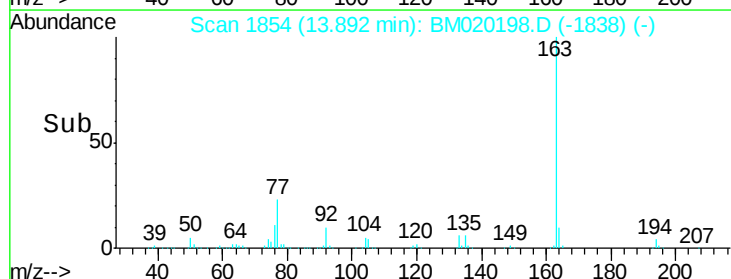
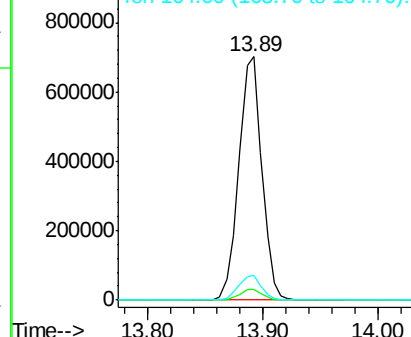
163 100

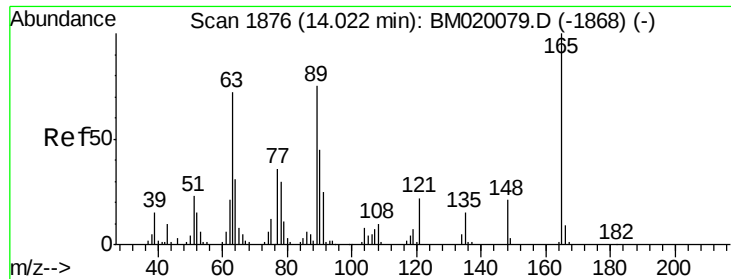
194 4.3 3.6 5.4

164 10.0 8.4 12.6



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





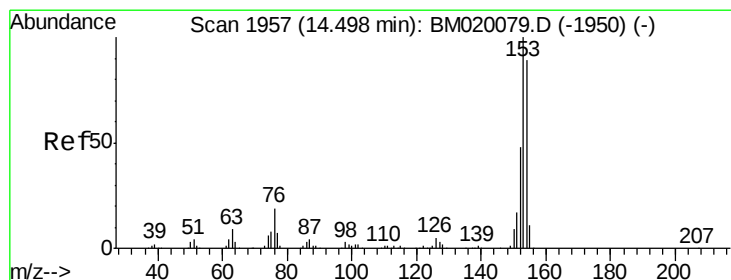
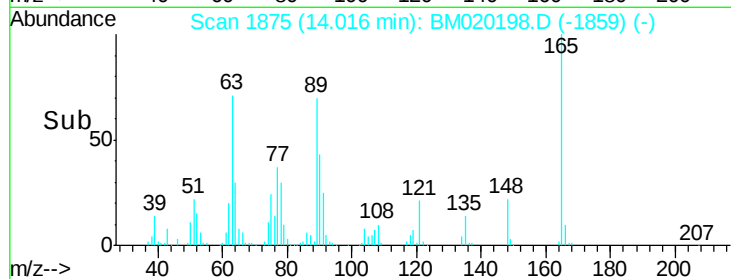
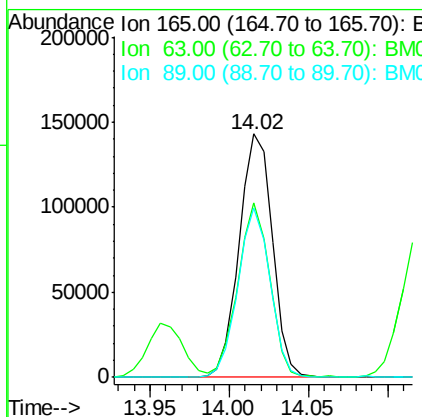
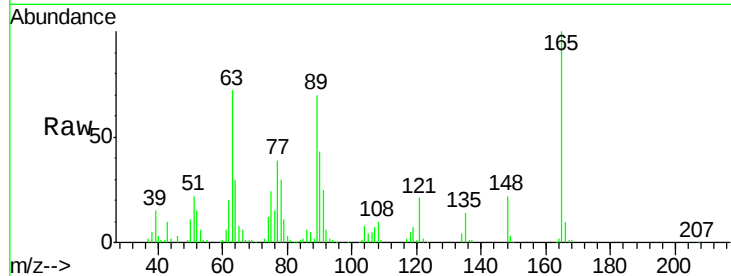
#51
 2,6-Dinitrotoluene
 Concen: 37.638 ng
 RT: 14.02 min Scan# 1875
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	208939		
63	71.8		60.3	90.5
89	69.6		59.8	89.6

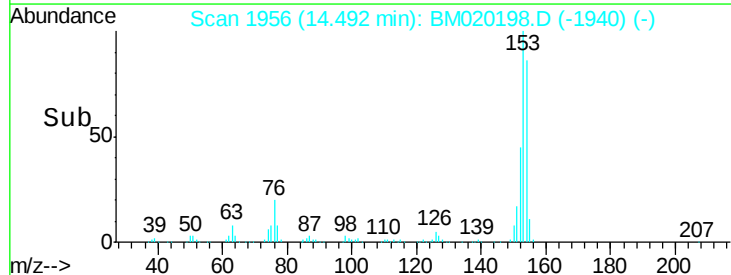
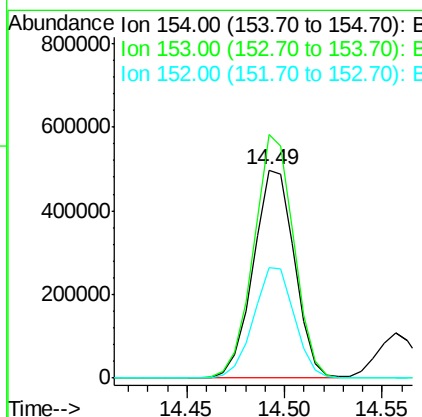
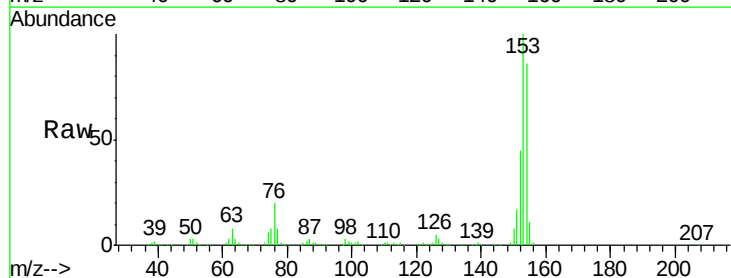
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#52
 Acenaphthene
 Concen: 38.878 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	727152		
153	116.9		90.2	135.2
152	53.0		43.0	64.4





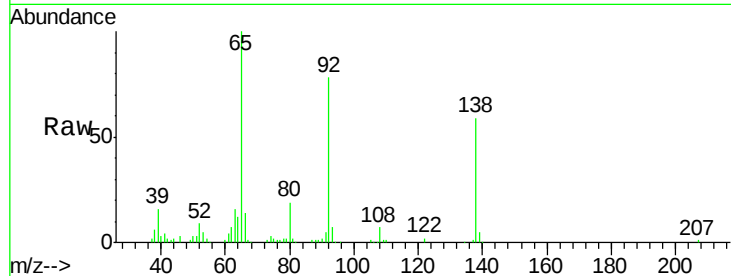
#53
3-Nitroaniline
Concen: 22.420 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampled :
PB119288BS

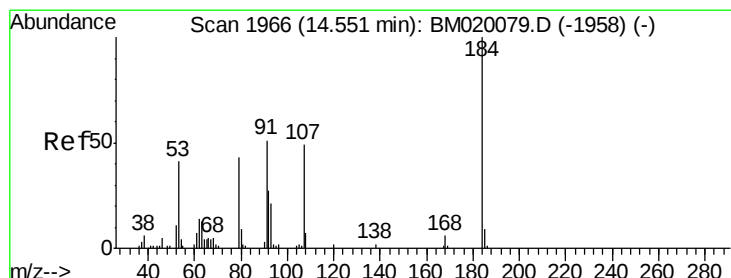
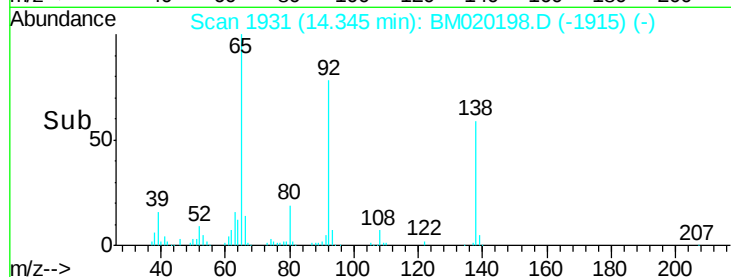
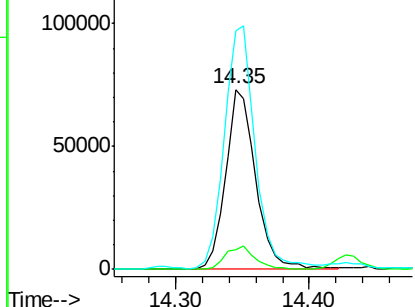
Tot Ion	Ratio	Resp	Lower	Upper
138	100	115516		
108	11.2	10.4	15.6	
92	132.7	111.3	166.9	

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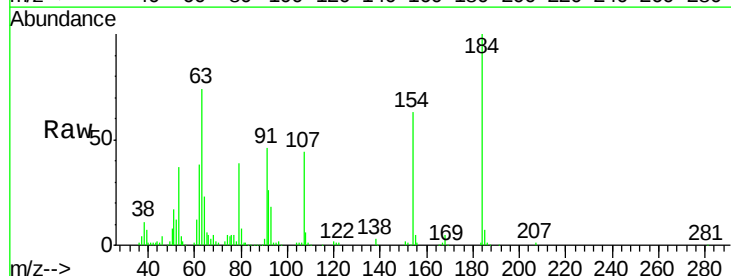


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

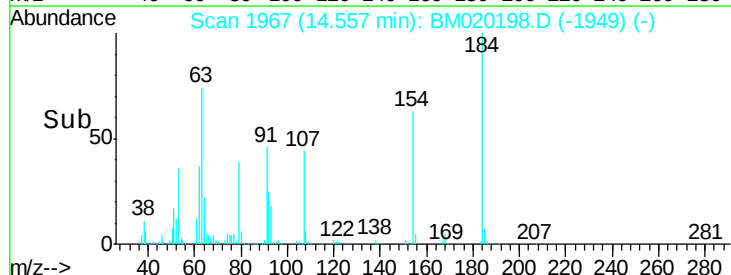
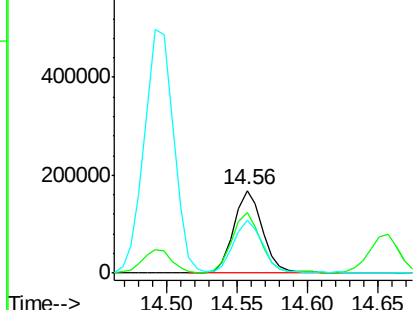


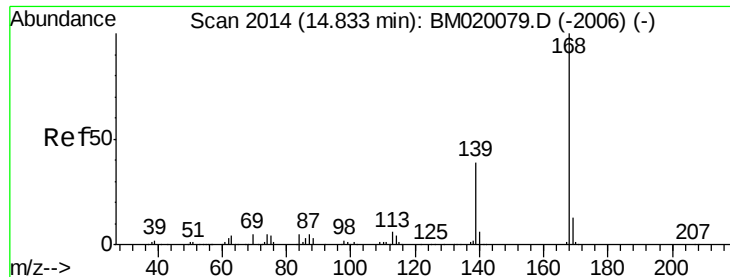
#54
2,4-Dinitrophenol
Concen: 86.667 ng
RT: 14.56 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	243185		
63	74.1	68.9	103.3	
154	63.5	54.4	81.6	



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





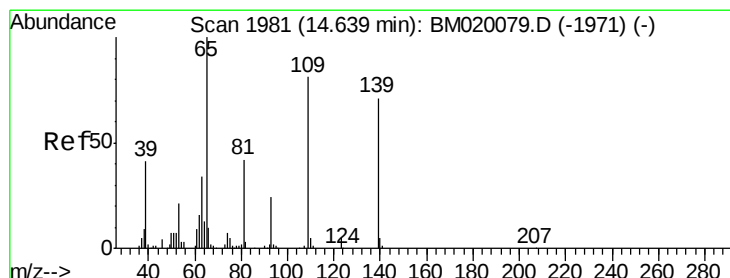
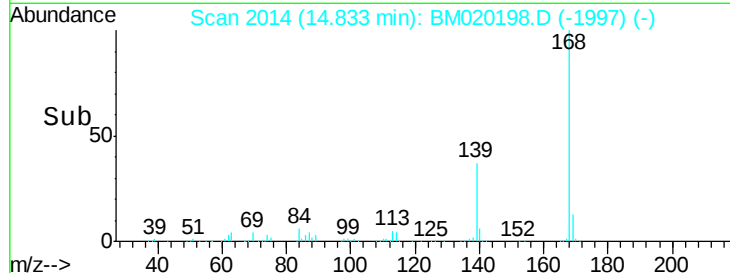
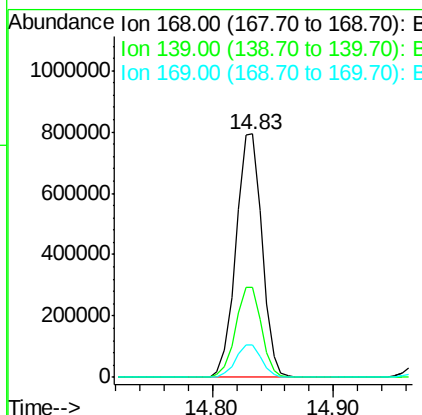
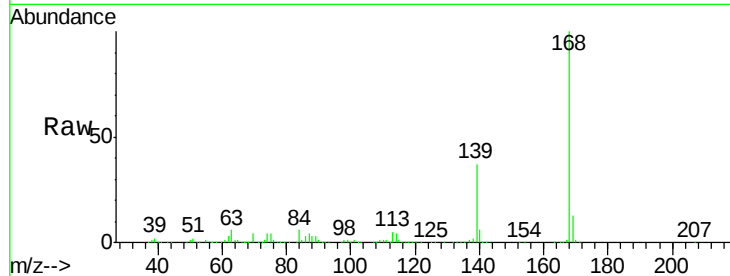
#55
Dibenzenofuran
Concen: 37.793 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.1	46.7
169	13.3	10.6	16.0

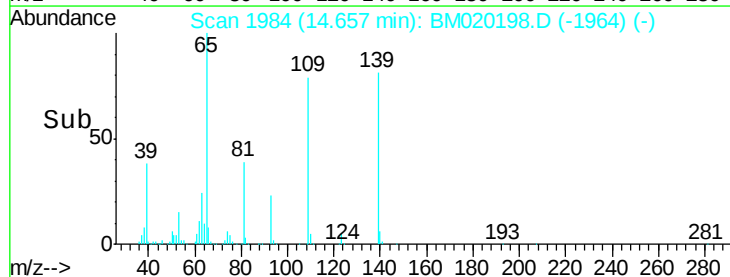
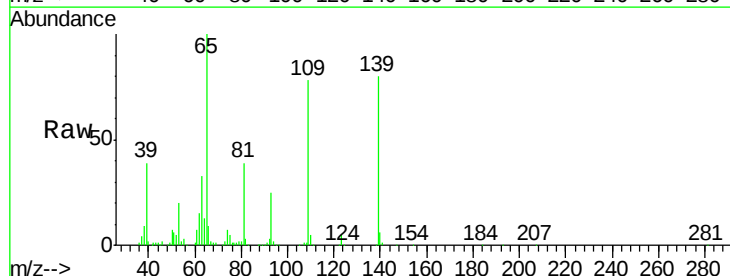
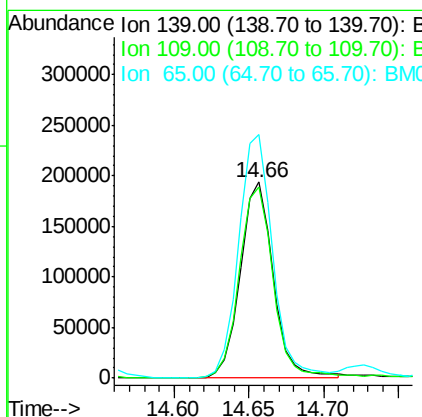
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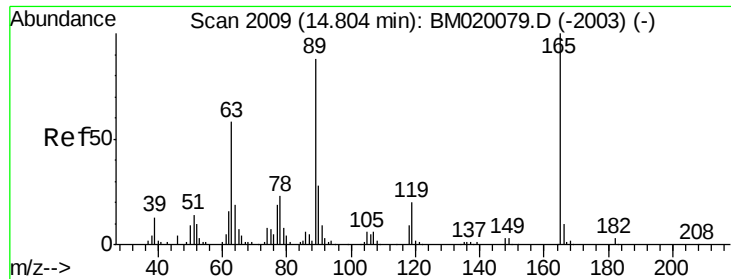
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#56
4-Nitrophenol
Concen: 67.712 ng
RT: 14.66 min Scan# 1984
Delta R.T. 0.02 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.5	94.1	134.1
65	124.4	120.9	160.9





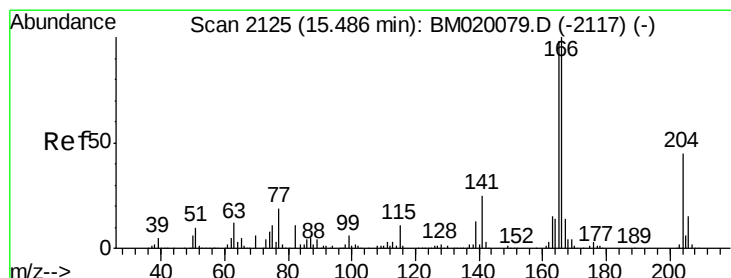
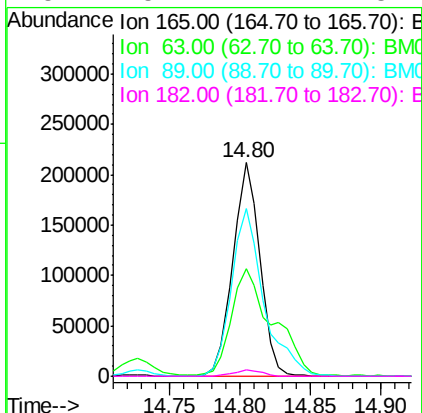
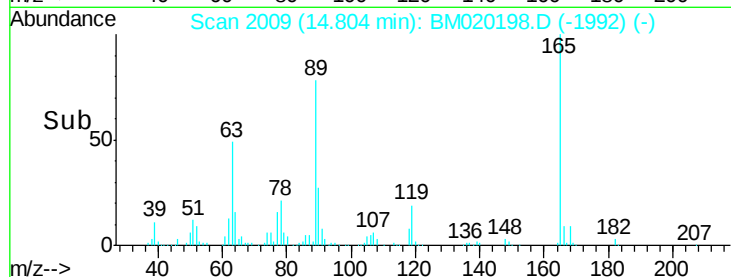
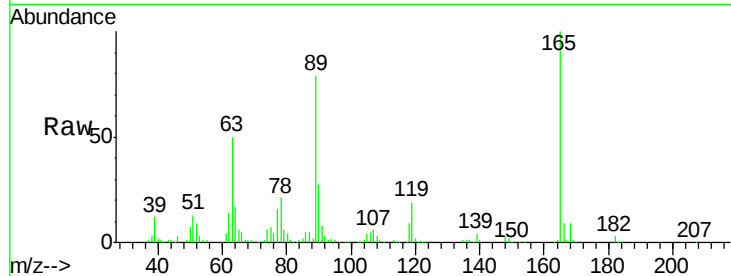
#57
2,4-Dinitrotoluene
Concen: 37.537 ng
RT: 14.80 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		283151		
63	50.4	46.2	69.2		
89	78.7	70.6	105.8		
182	3.1	2.2	3.2		

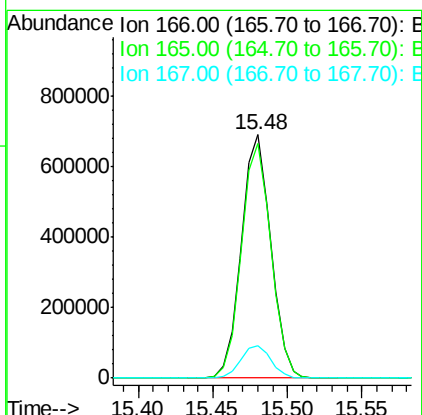
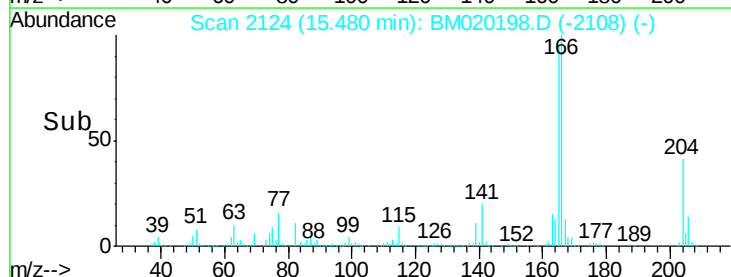
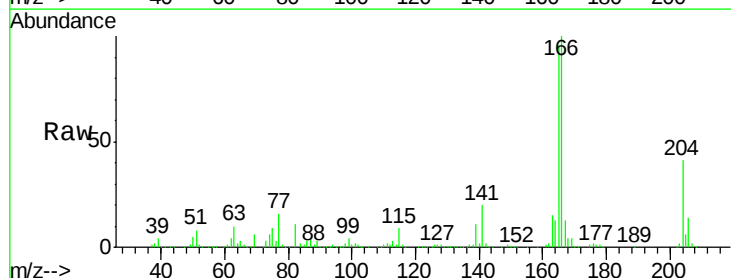
Manual Integrations
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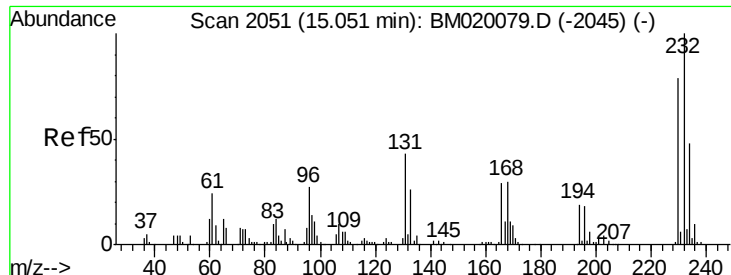
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#58
Fluorene
Concen: 36.403 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		943200		
165	96.3	78.2	117.2		
167	13.5	11.0	16.4		





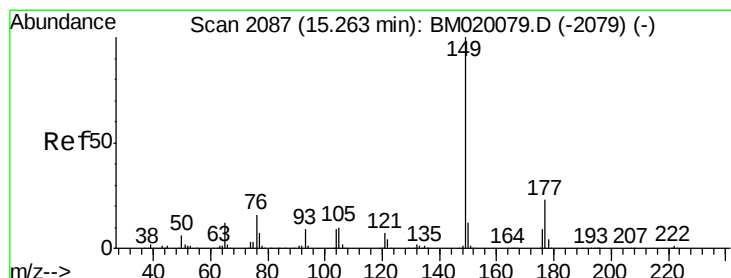
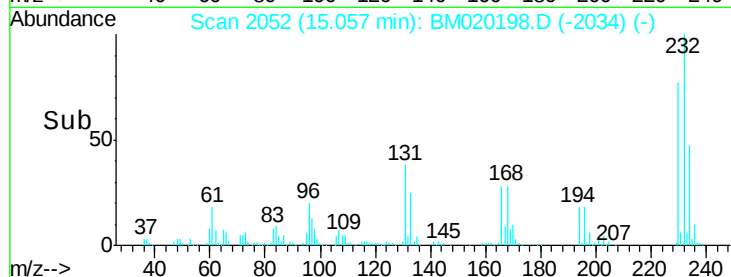
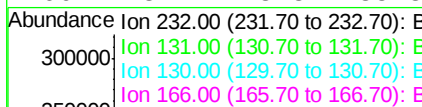
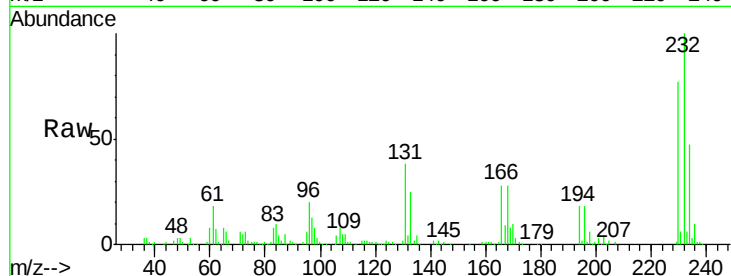
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.441 ng
 RT: 15.06 min Scan# 2052
 Delta R.T. 0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	288718		
131	38.9		34.2	51.4
130	2.3		2.0	3.0
166	28.4		23.8	35.8

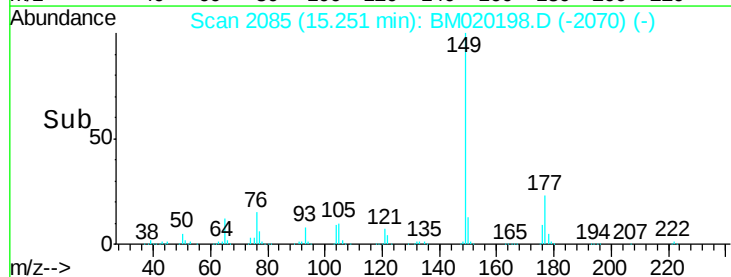
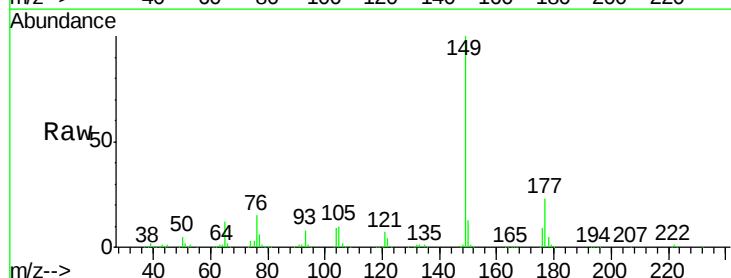
Manual Integrations
 APPROVED

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 5/9/2019 6:45:29 PM



#60
 Diethylphthalate
 Concen: 35.052 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	930785		
177	23.3		18.2	27.4
150	13.0		9.9	14.9





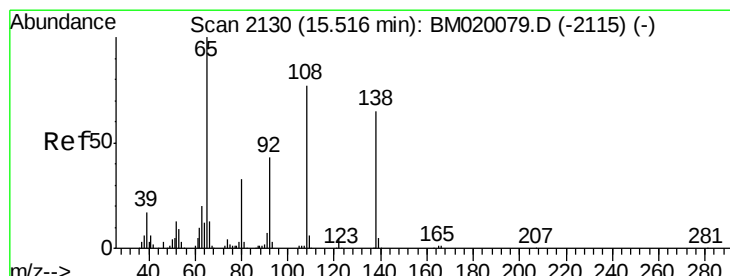
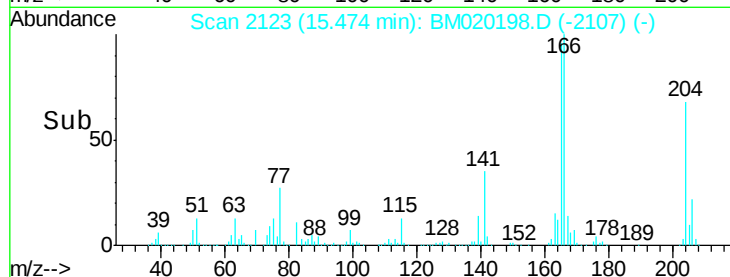
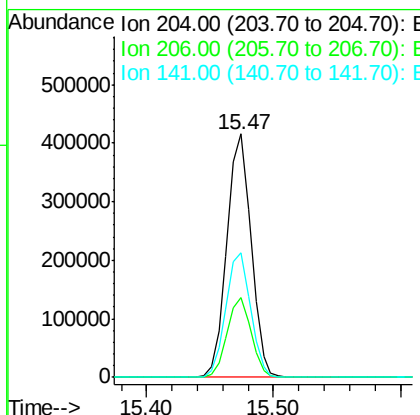
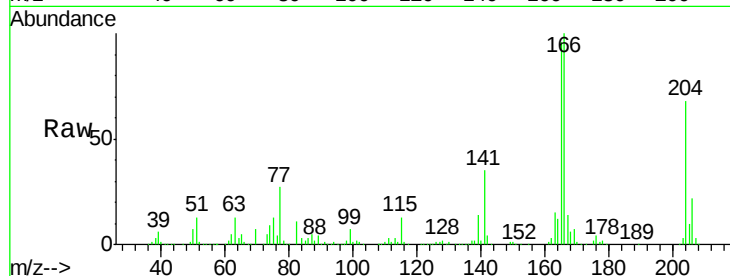
#61
 4-Chlorophenyl-phenylether
 Concen: 37.487 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampled :
 PB119288BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	550331		
206	32.9	25.6	38.4	
141	51.2	46.1	69.1	

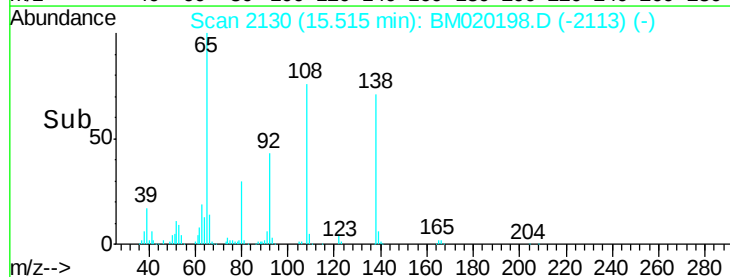
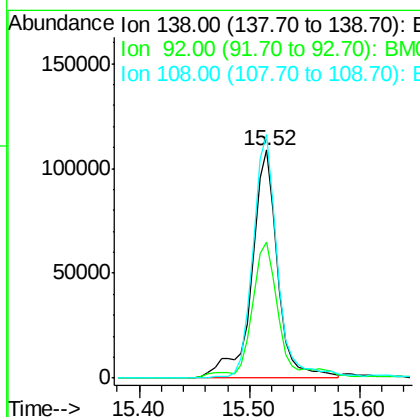
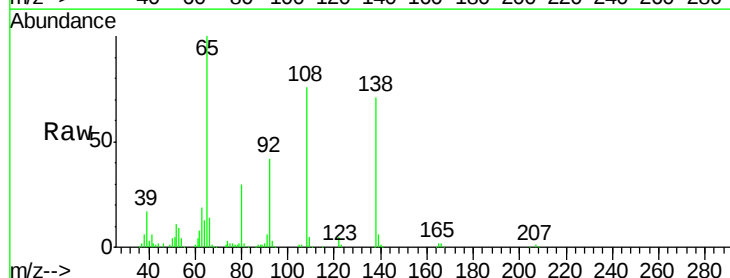
Manual Integrations
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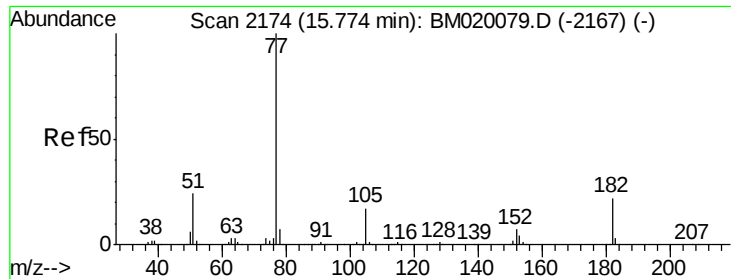
Sohil
 5/9/2019 6:45:29 PM



#62
 4-Nitroaniline
 Concen: 31.537 ng
 RT: 15.52 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	179320		
92	59.6	45.9	85.9	
108	106.7	97.7	137.7	





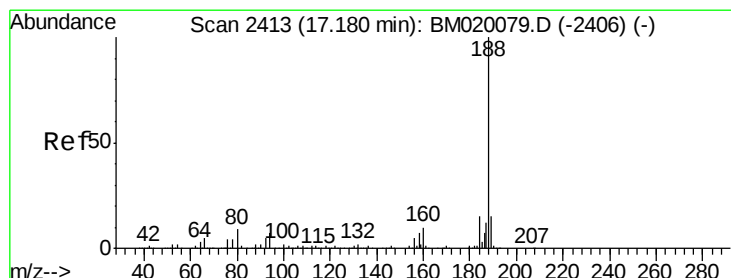
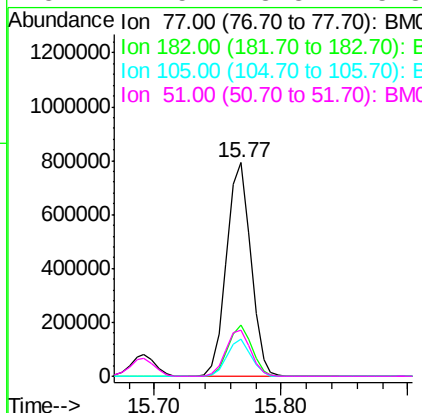
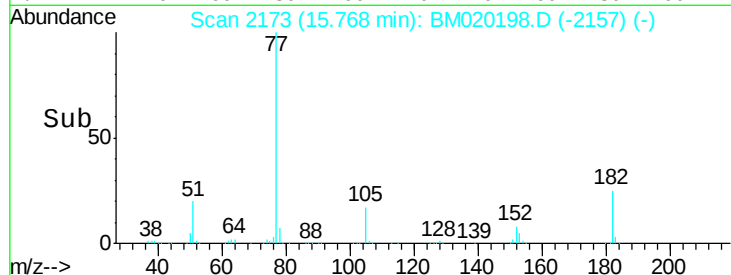
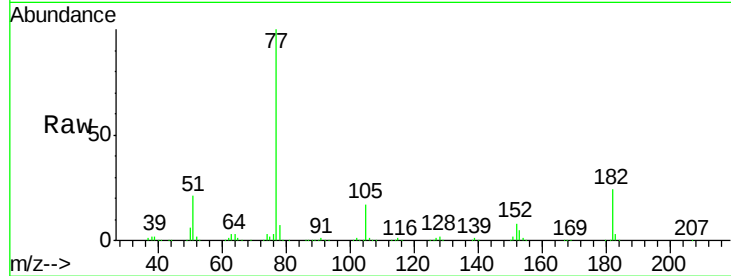
#63
Azobenzene
Concen: 33.328 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.1	2.1	42.1	
105	17.2	0.0	36.8	
51	21.5	3.8	43.8	

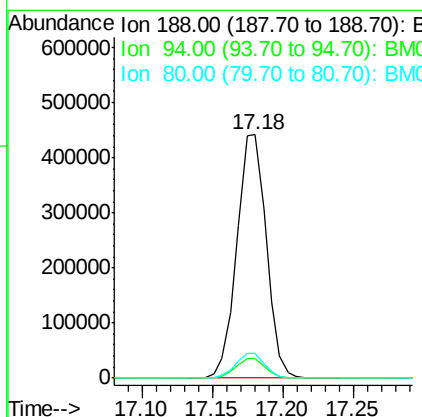
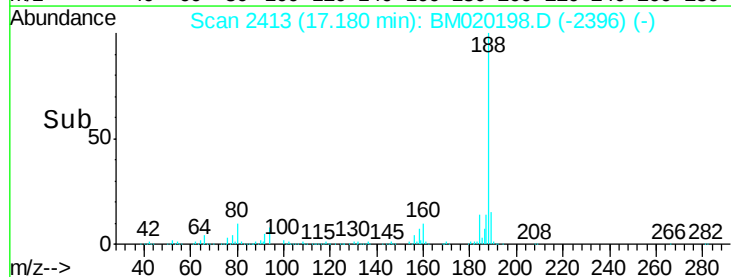
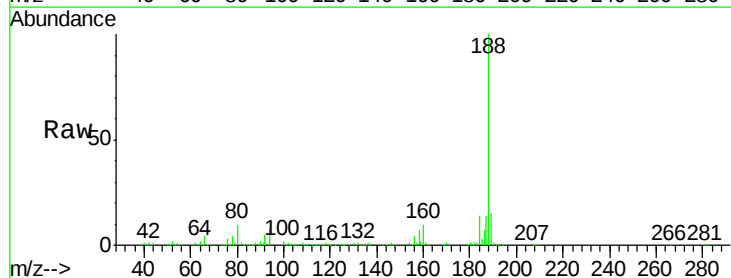
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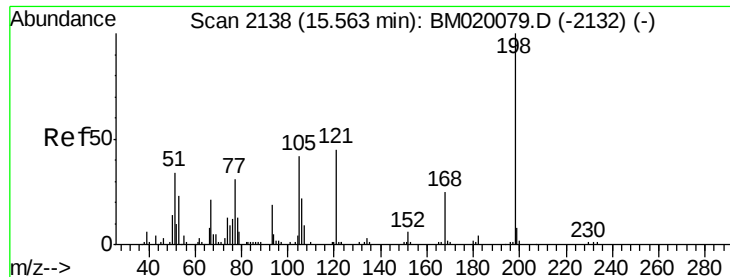
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	5.8	8.6	
80	10.0	7.4	11.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.506 ng

RT: 15.56 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:198 Resp: 146720

Ion Ratio Lower Upper

198 100

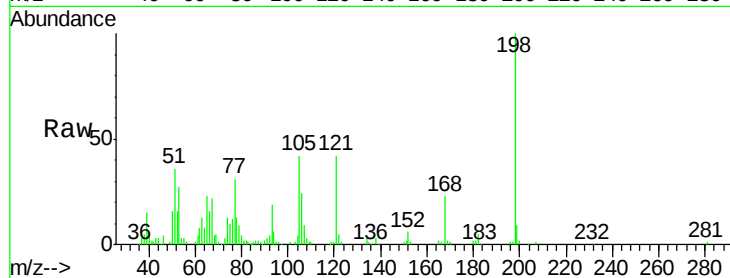
51 35.8 16.5 56.5

105 42.1 22.8 62.8

Manual Integrations
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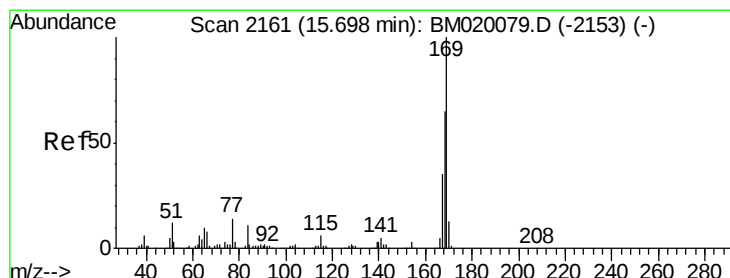
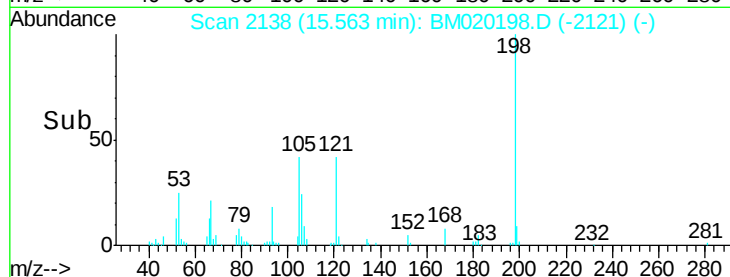
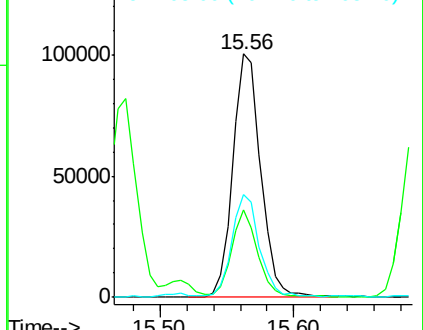
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.243 ng

RT: 15.69 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

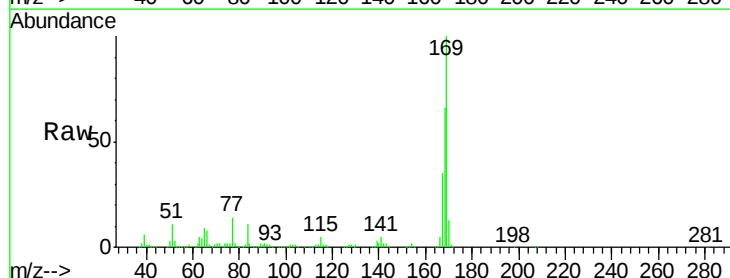
Tgt Ion:169 Resp: 802026

Ion Ratio Lower Upper

169 100

168 65.7 51.9 77.9

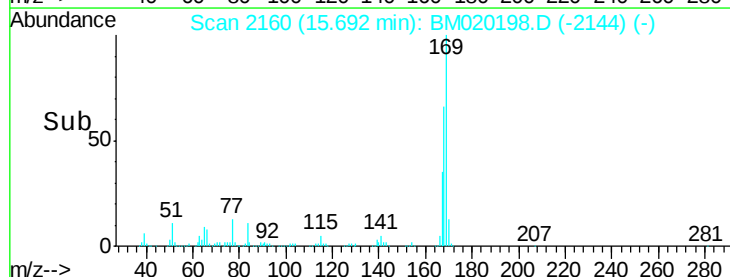
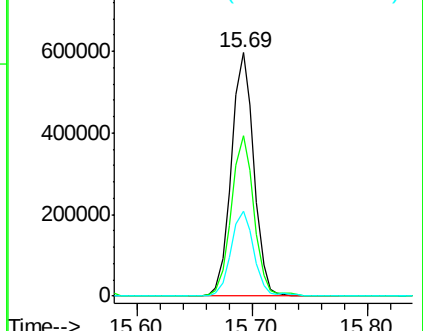
167 35.0 27.8 41.6



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





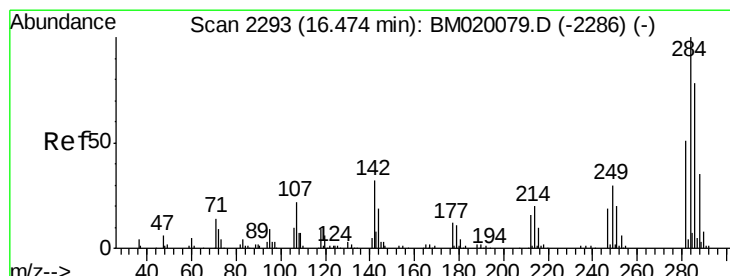
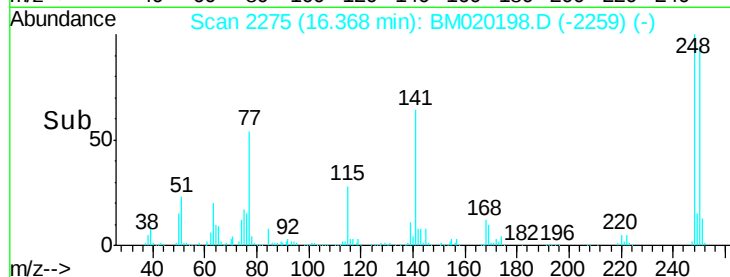
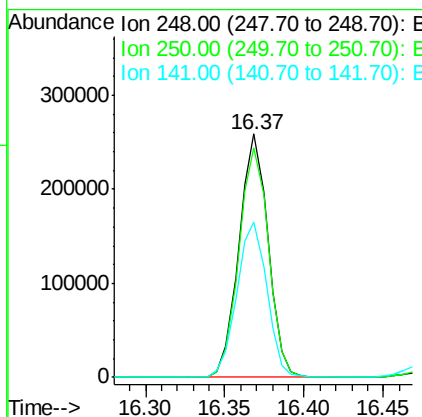
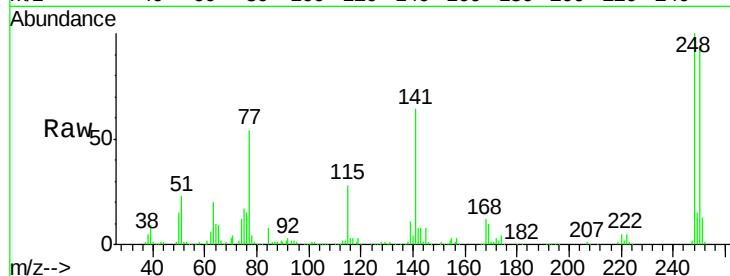
#67
 4-Bromophenyl-phenylether
 Concen: 41.632 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampleId :
 PB119288BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.4	117.6
141	63.7	57.4	86.2

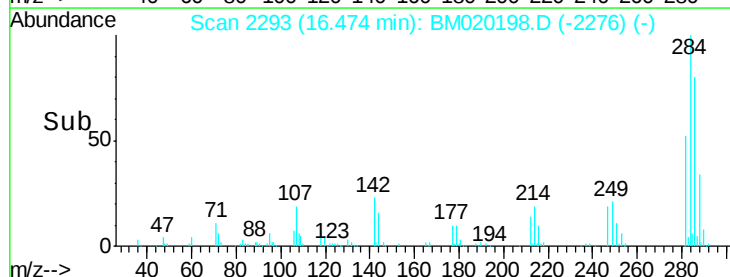
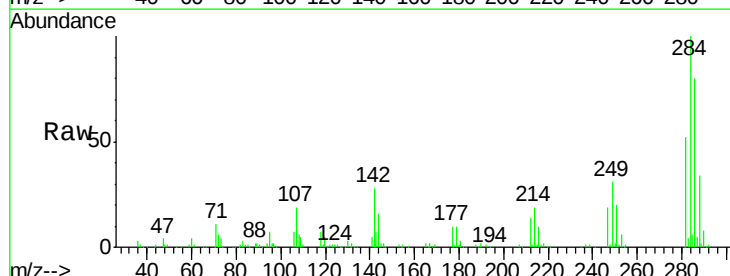
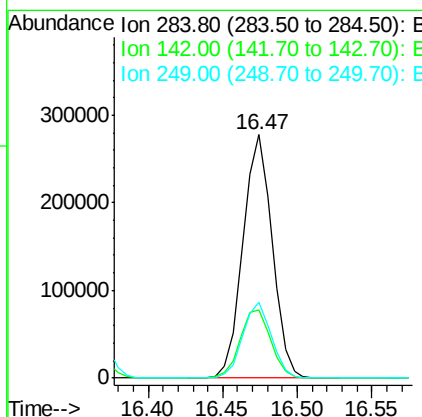
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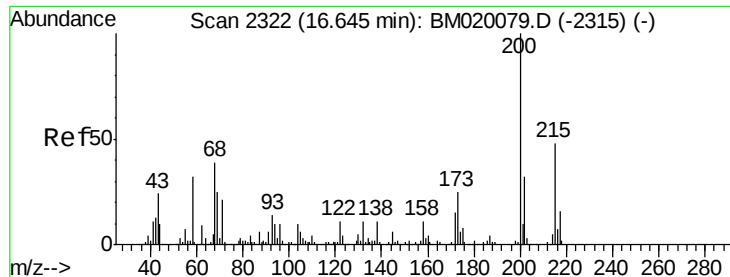
Sohil
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#68
 Hexachlorobenzene
 Concen: 41.271 ng
 RT: 16.47 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.9	25.2	37.8
249	31.1	23.6	35.4





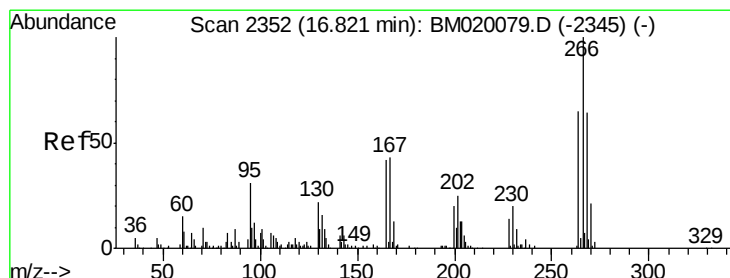
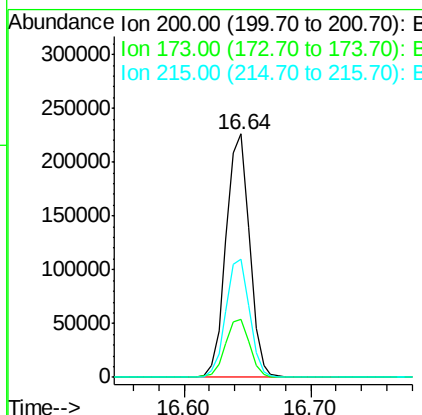
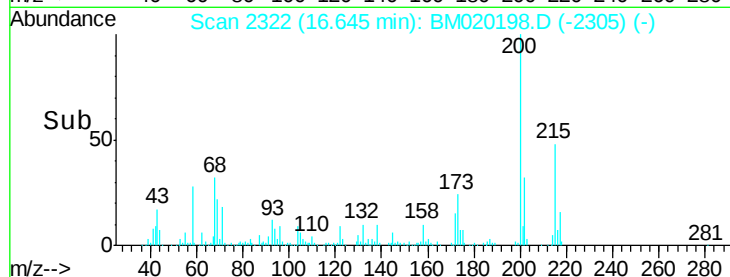
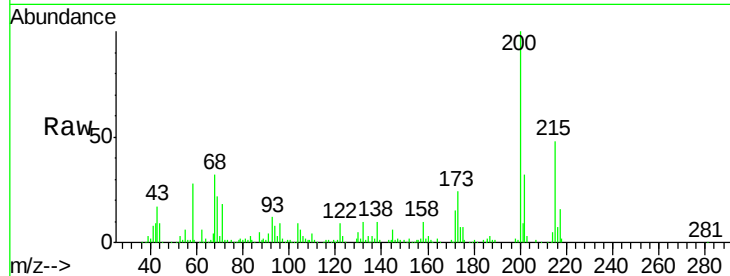
#69
Atrazine
Concen: 39.111 ng
RT: 16.64 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.0	4.6	44.6
215	48.5	28.0	68.0

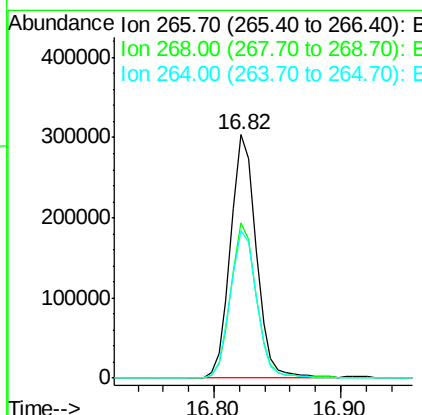
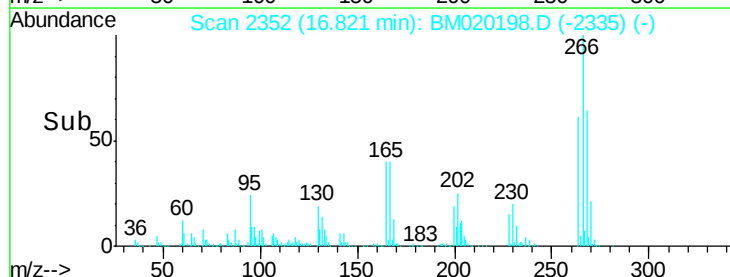
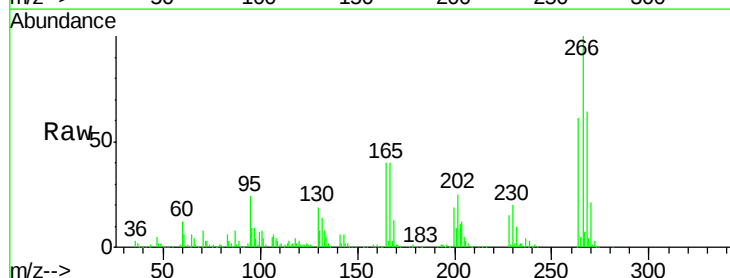
Manual Integrations
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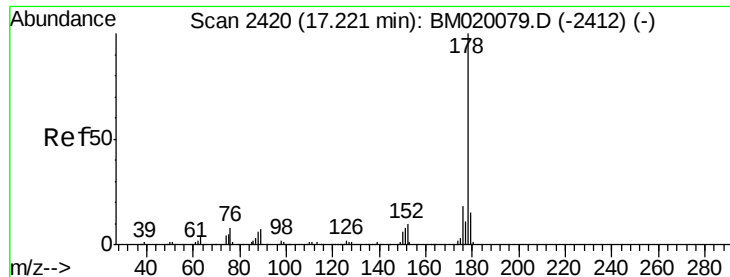
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#70
Pentachlorophenol
Concen: 82.165 ng
RT: 16.82 min Scan# 2352
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	51.4	77.0
264	60.8	52.0	78.0





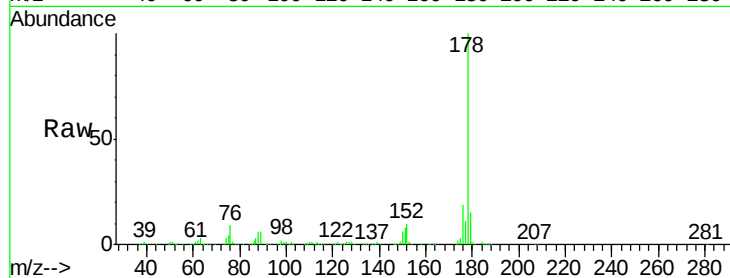
#71
Phenanthrene
Concen: 38.842 ng
RT: 17.22 min Scan# 2420
Delta R.T. -0.00 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

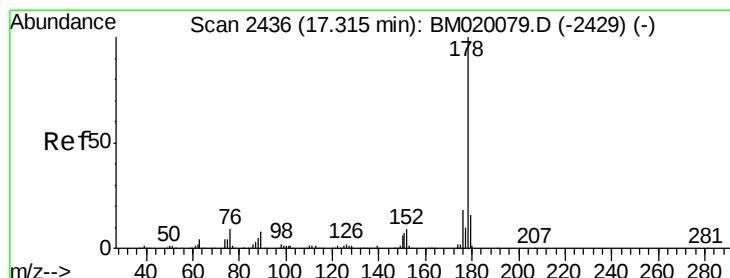
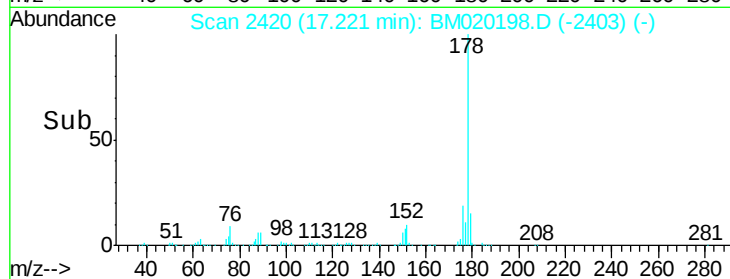
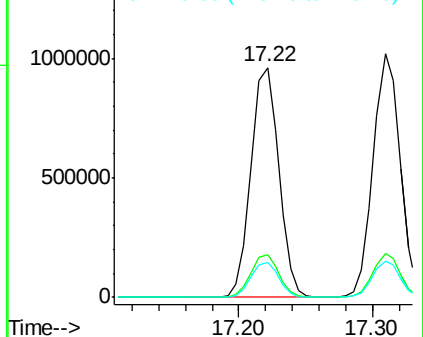
Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.8	14.6	21.8	
179	15.1	12.4	18.6	

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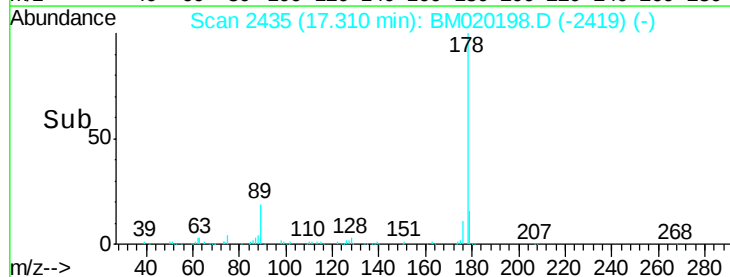
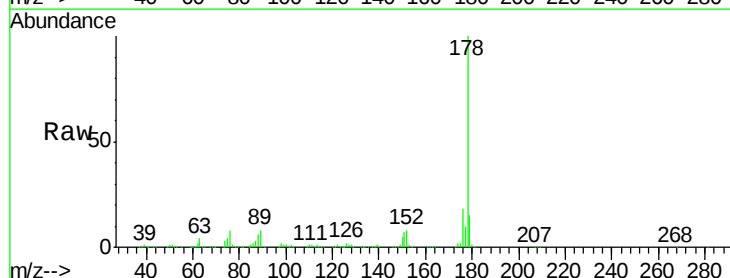
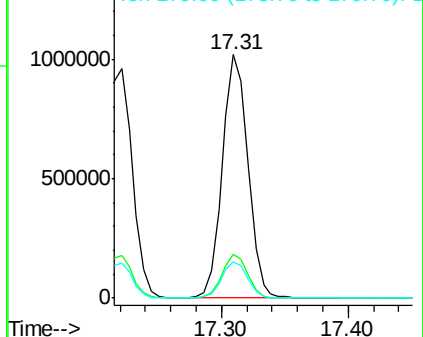
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

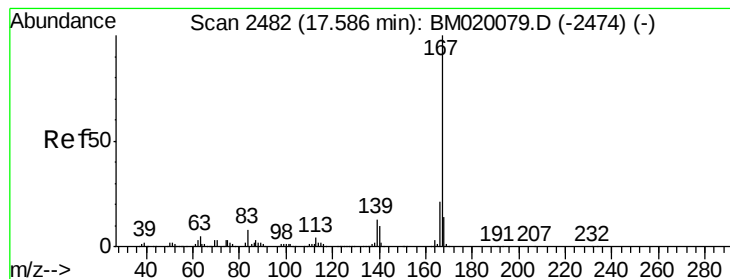


#72
Anthracene
Concen: 39.729 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	17.9	14.6	22.0	
179	15.2	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: 36.162 ng

RT: 17.59 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampled :

PB119288BS

Tot Ion:167 Resp: 1161952

Ion Ratio Lower Upper

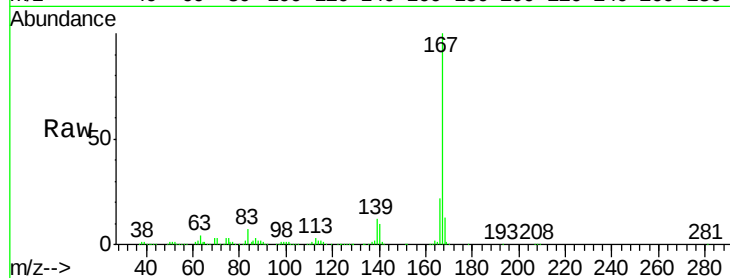
167 100

166 21.7 17.0 25.6

139 12.2 10.6 16.0

Manual Integrations
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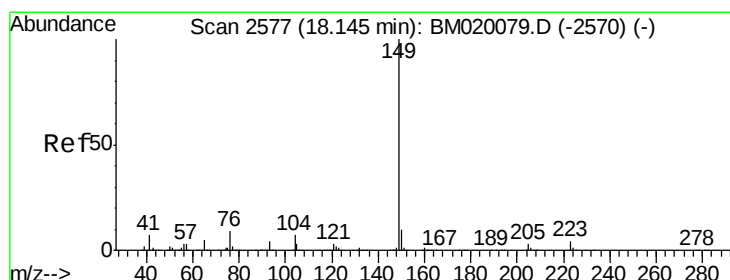
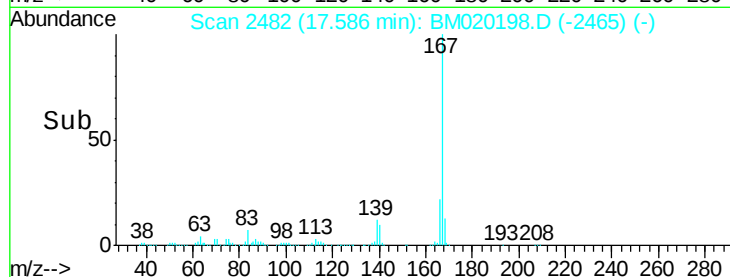
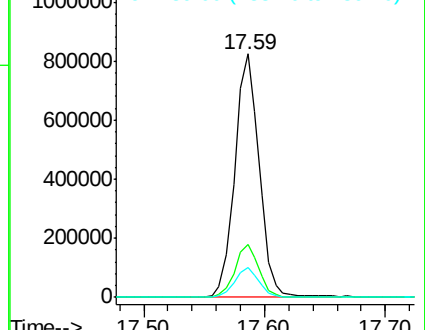
Sohil
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.400 ng

RT: 18.14 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

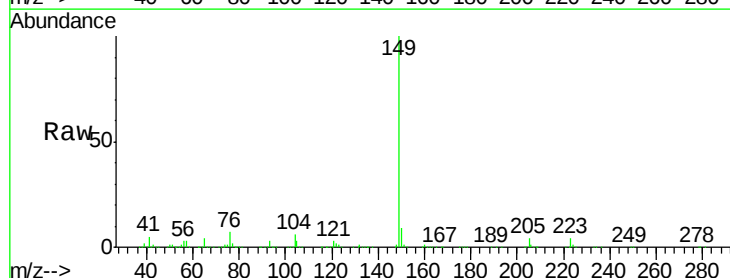
Tgt Ion:149 Resp: 1446198

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

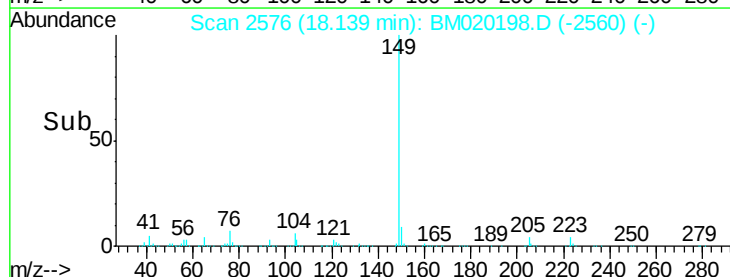
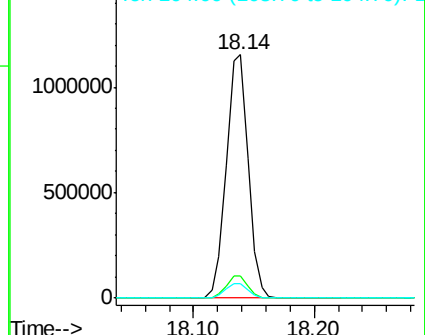
104 6.2 5.7 8.5

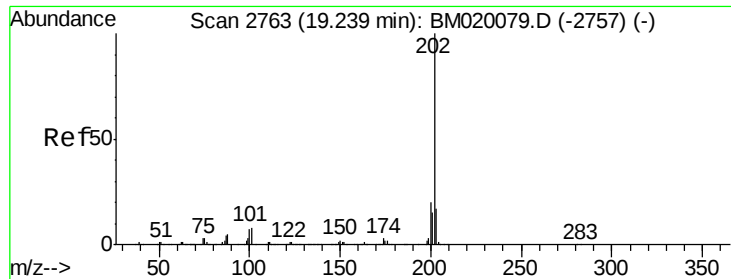


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 35.007 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

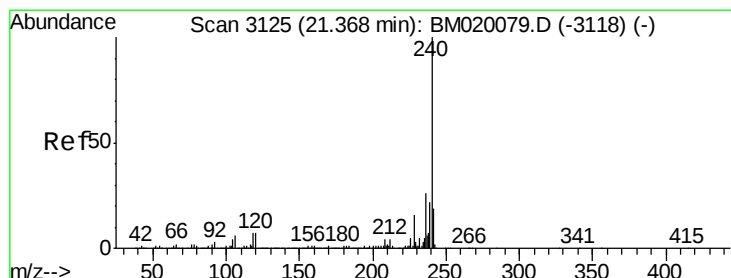
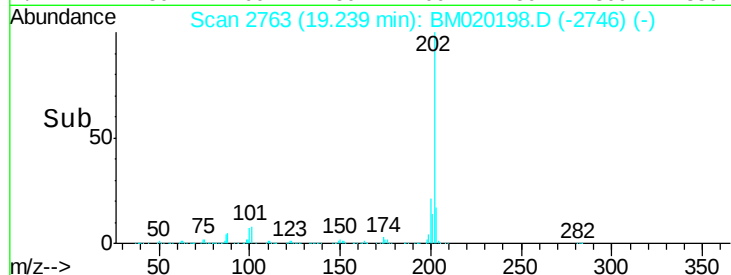
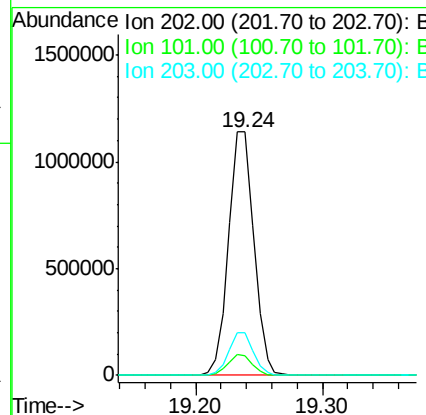
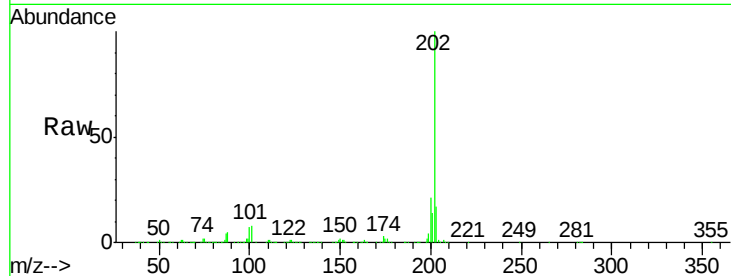
ClientSampleId :

PB119288BS

Tot Ion:	202	Resp:	1577542
Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	28.4
203	17.3	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

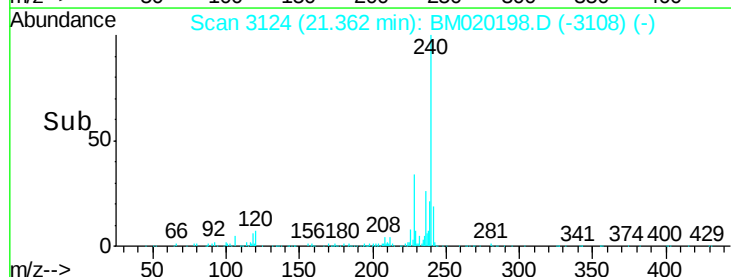
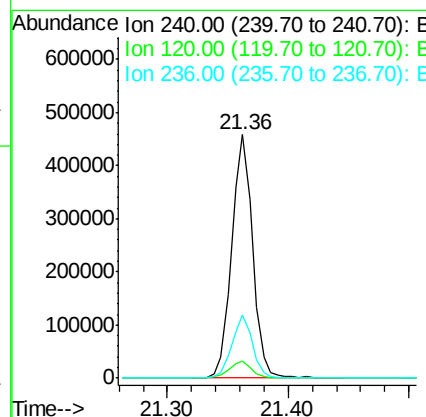
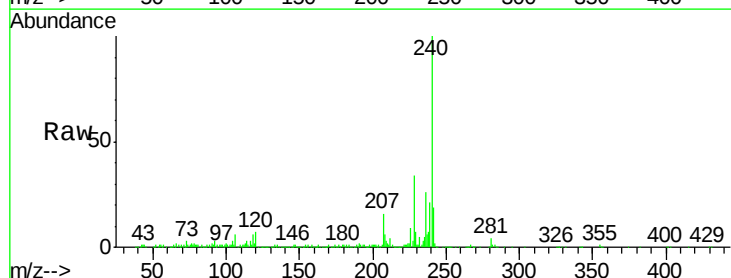
RT: 21.36 min Scan# 3124

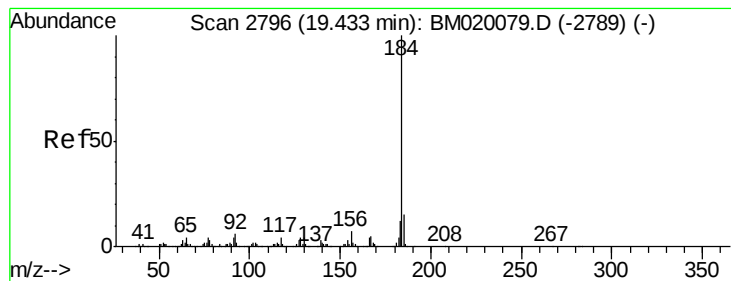
Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	240	Resp:	551668
Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.6	8.4
236	25.9	20.9	31.3





#77

Benzidine

Concen: 48.185 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

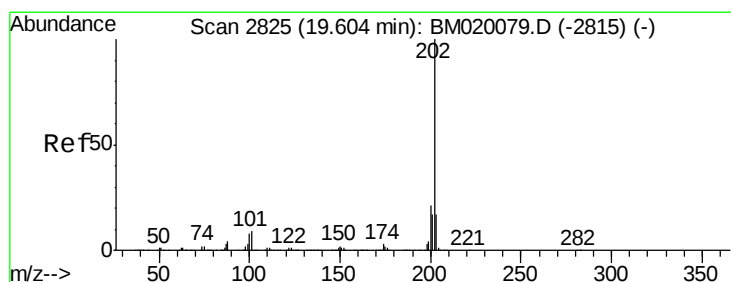
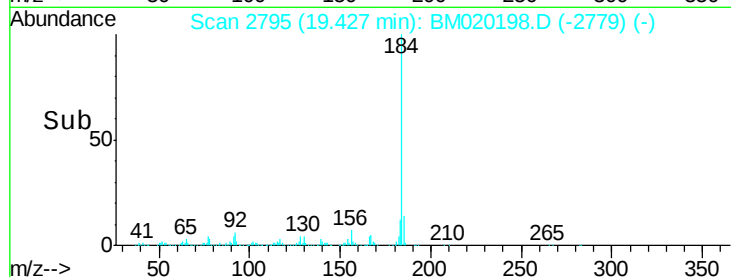
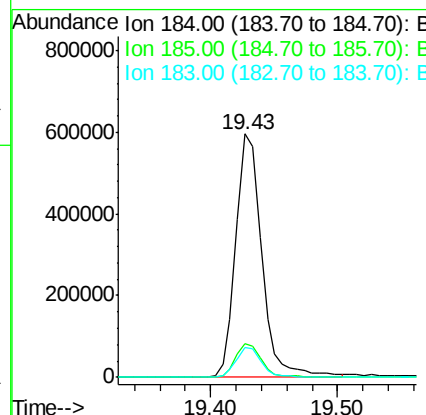
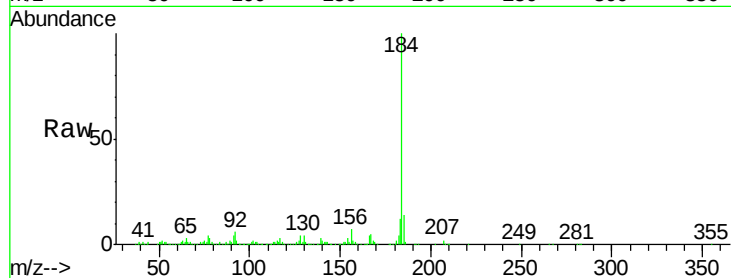
ClientSampleId :

PB119288BS

Tot Ion:	184	Resp:	849840
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.0	18.0
183	12.1	9.5	14.3

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#78

Pyrene

Concen: 42.904 ng

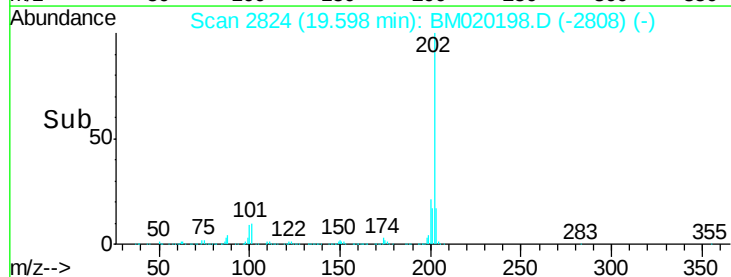
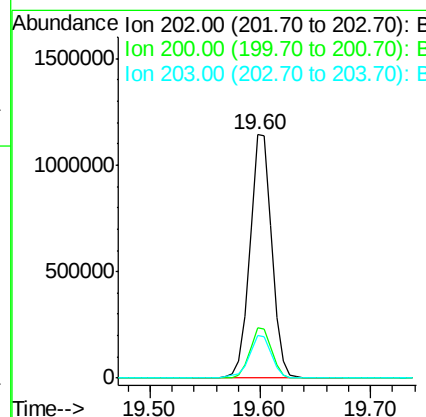
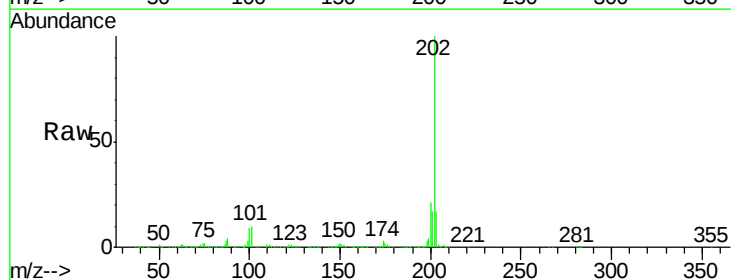
RT: 19.60 min Scan# 2824

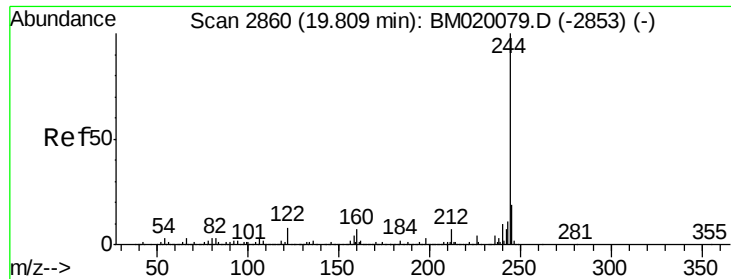
Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	202	Resp:	1589083
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.5	24.7
203	17.5	13.9	20.9





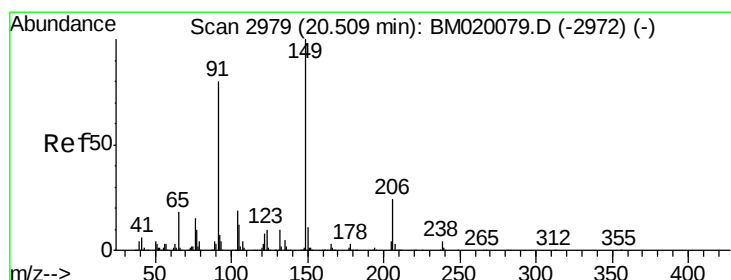
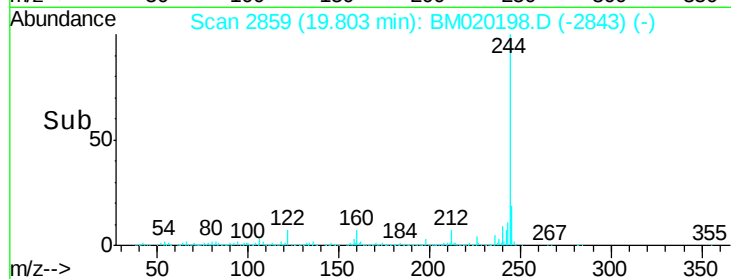
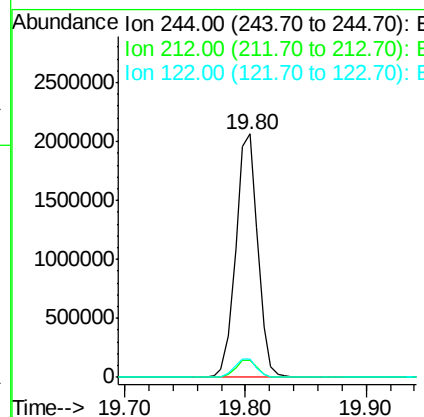
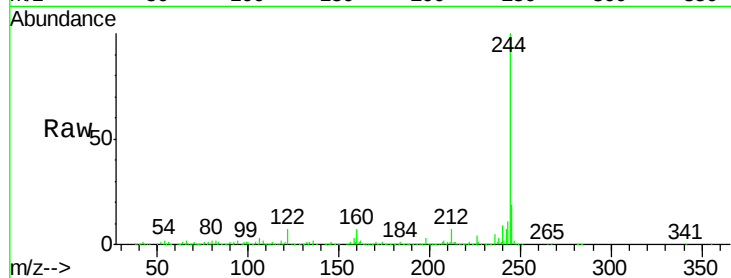
#79
 Terphenyl-d14
 Concen: 82.604 ng
 RT: 19.80 min Scan# 2859
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Instrument :
 BNA_M
 ClientSampled :
 PB119288BS

Tot Ion:	244	Resp:	2612621
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.3	6.2	9.2

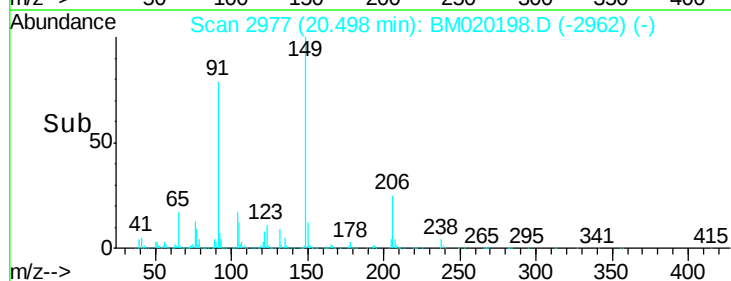
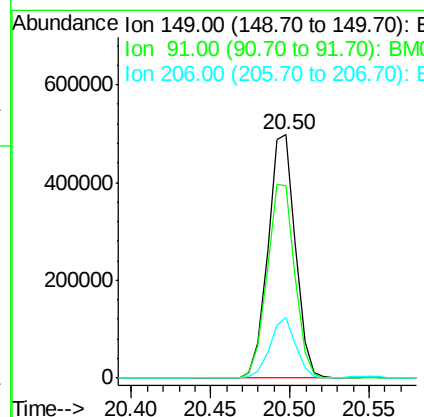
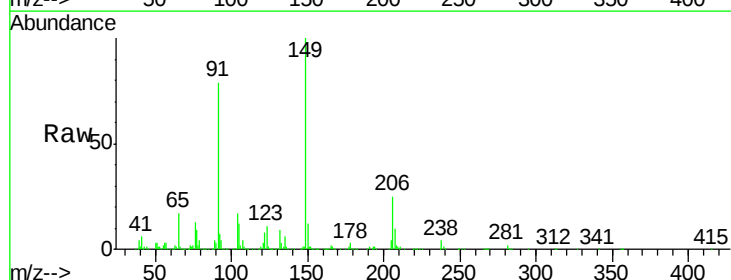
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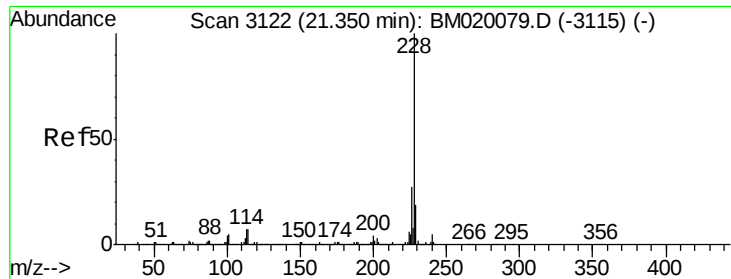
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#80
 Butylbenzylphthalate
 Concen: 44.526 ng
 RT: 20.50 min Scan# 2977
 Delta R.T. -0.01 min
 Lab File: BM020198.D
 Acq: 08 May 2019 17:07

Tgt Ion:	149	Resp:	599721
Ion	Ratio	Lower	Upper
149	100		
91	79.0	63.8	95.8
206	24.7	18.9	28.3





#81

Benzo(a)anthracene

Concen: 36.689 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

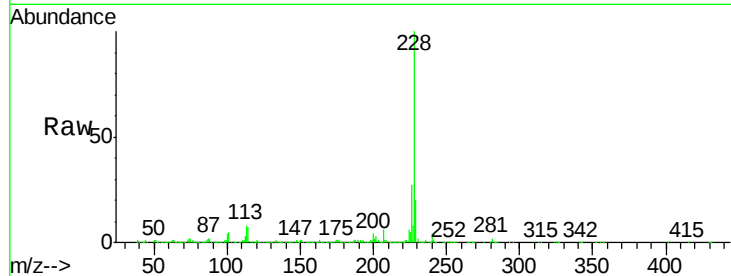
ClientSampled :

PB119288BS

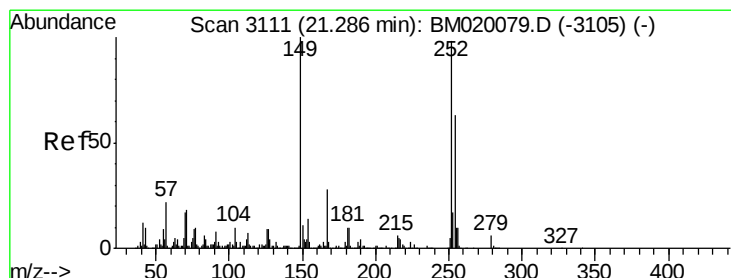
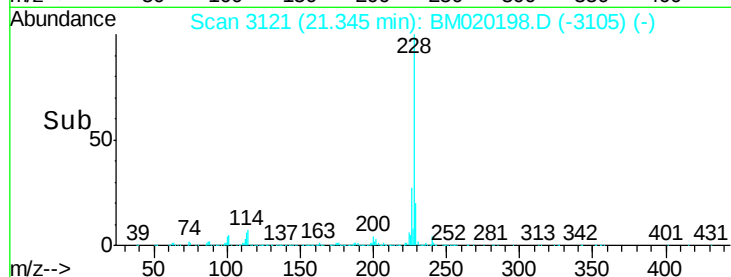
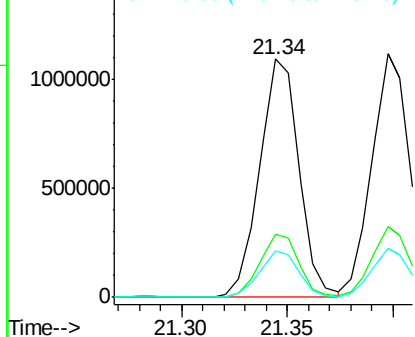
Tot Ion:	228	Resp:	1419423
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.6	15.5	23.3

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.416 ng

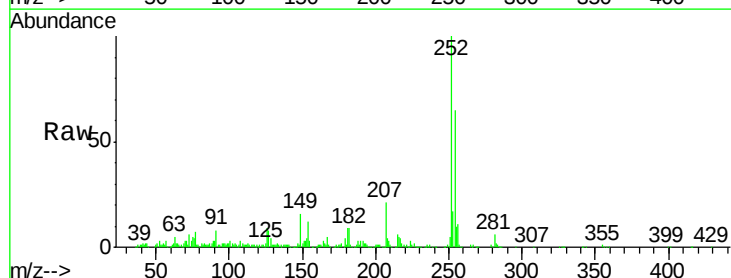
RT: 21.28 min Scan# 3110

Delta R.T. -0.01 min

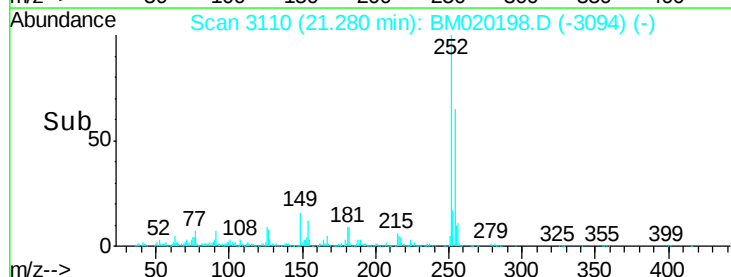
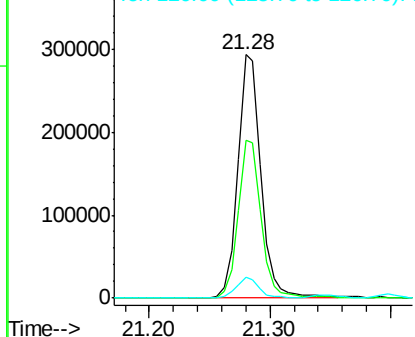
Lab File: BM020198.D

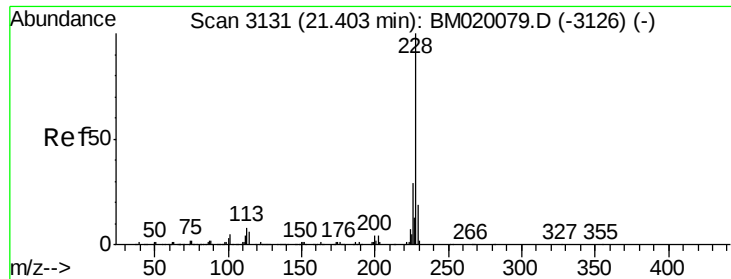
Acq: 08 May 2019 17:07

Tgt Ion:	252	Resp:	390064
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.1	76.7
126	8.7	7.1	10.7



Abundance Ion 252.00 (251.70 to 252.70): E
400000 Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





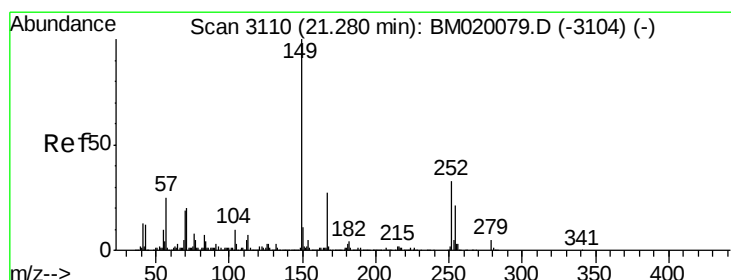
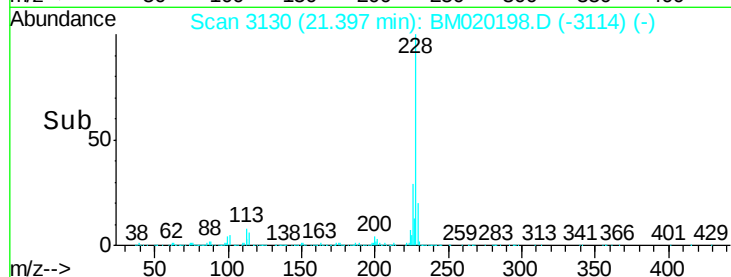
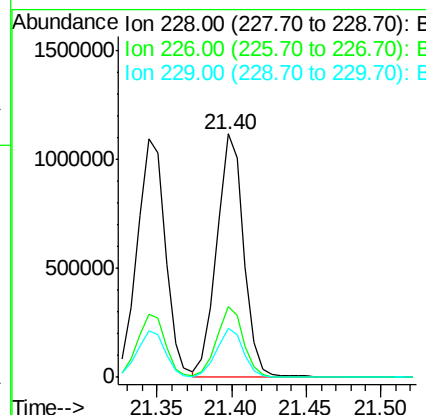
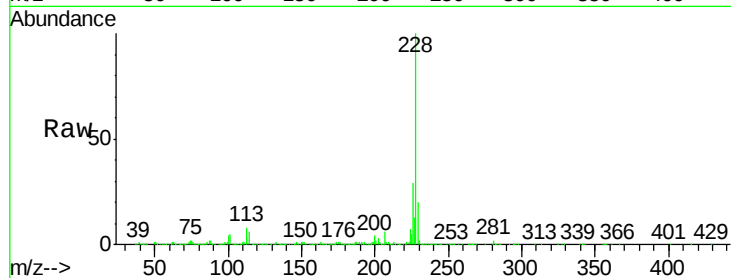
#83
Chrysene
Concen: 37.558 ng
RT: 21.40 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampled :
PB119288BS

Tot Ion:228	Resp: 1409201
Ion Ratio	Lower Upper
228 100	
226 29.1	23.0 34.6
229 20.1	15.5 23.3

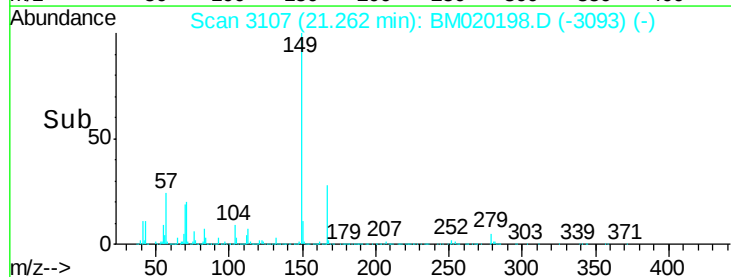
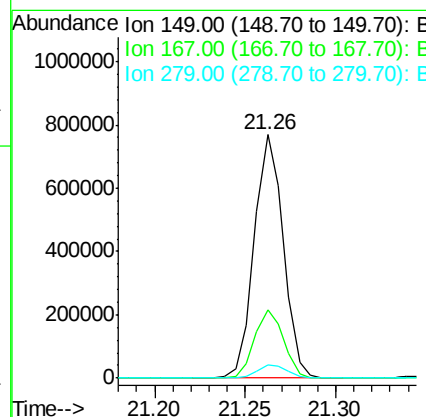
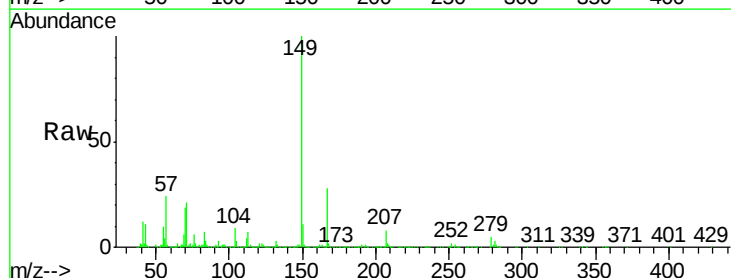
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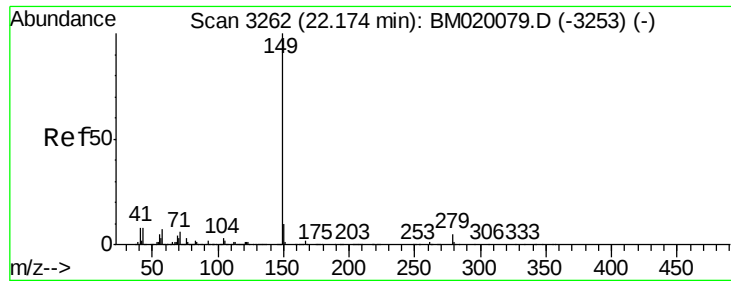
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.754 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion:149	Resp: 851777
Ion Ratio	Lower Upper
149 100	
167 28.0	21.8 32.8
279 5.3	4.2 6.2





#85

Di-n-octyl phthalate

Concen: 40.824 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

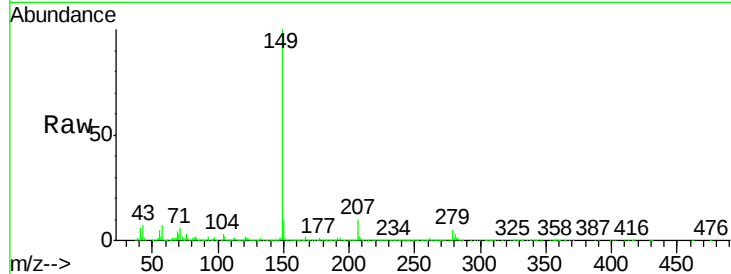
ClientSampled :

PB119288BS

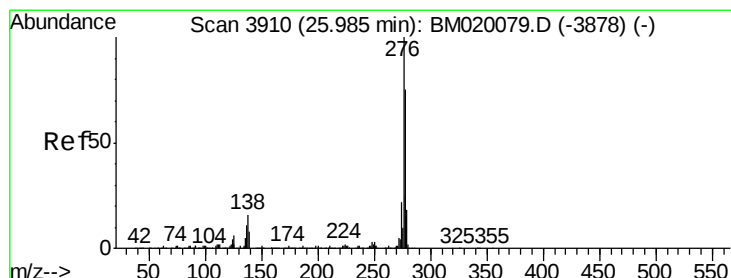
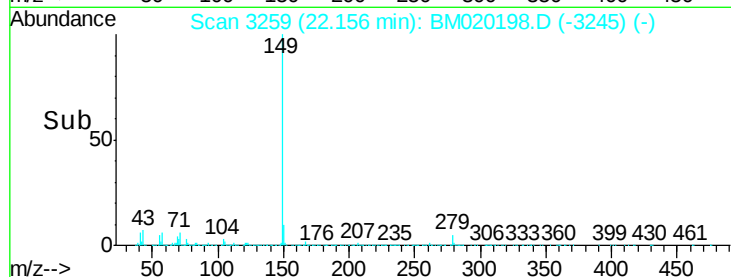
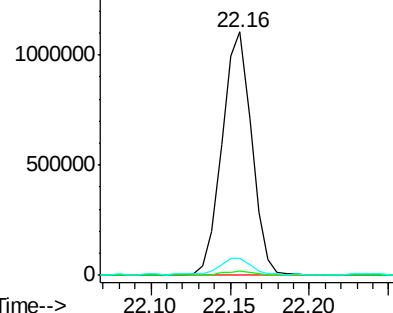
Tot Ion:	149	Resp:	1418133
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.1	6.5	9.7

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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
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: 41.945 ng

RT: 25.99 min Scan# 3910

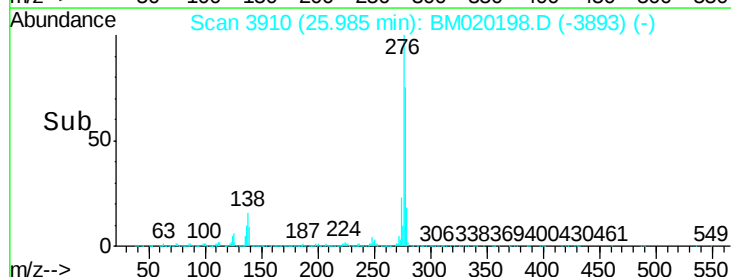
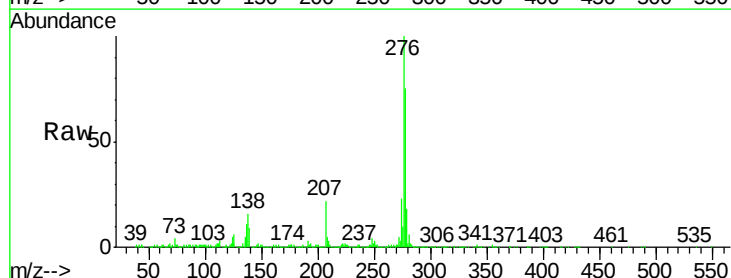
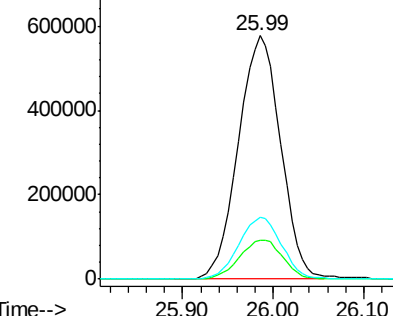
Delta R.T. -0.00 min

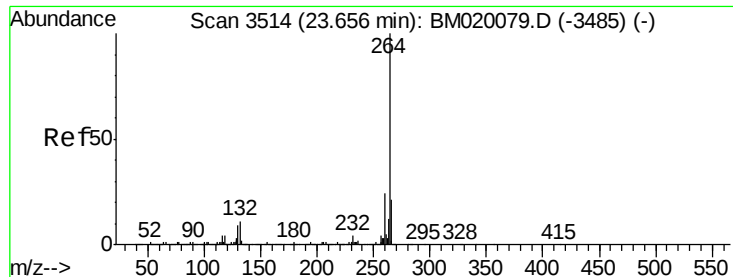
Lab File: BM020198.D

Acq: 08 May 2019 17:07

Tgt Ion:	276	Resp:	1872018
Ion Ratio	Lower	Upper	
276	100		
138	16.4	0.0	0.0#
277	25.6	0.0	0.0#

Abundance Ion 276.00 (275.70 to 276.70): E
800000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





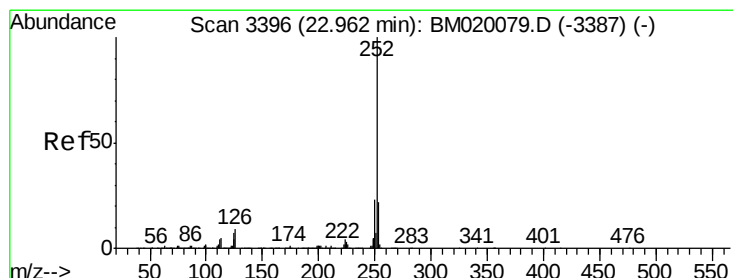
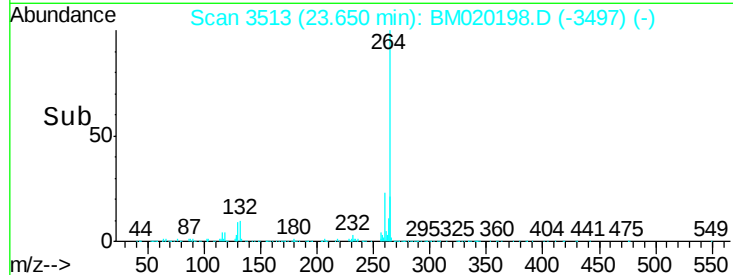
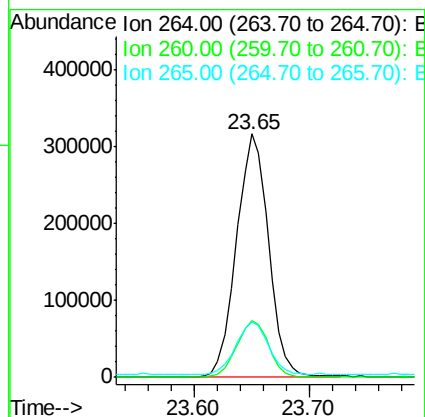
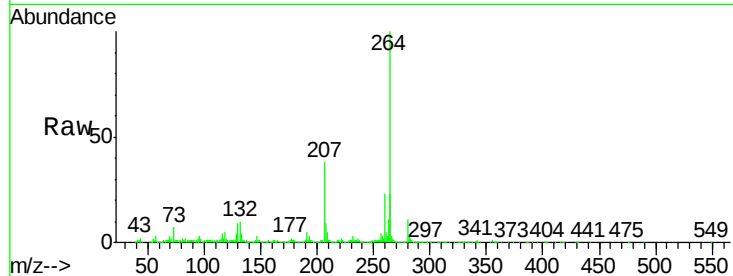
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion:	264	Resp:	608688
Ion Ratio		Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.6	16.9	25.3

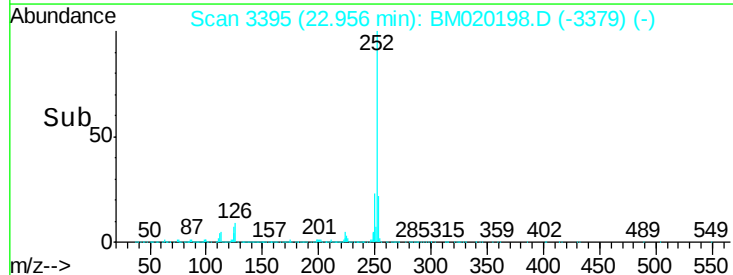
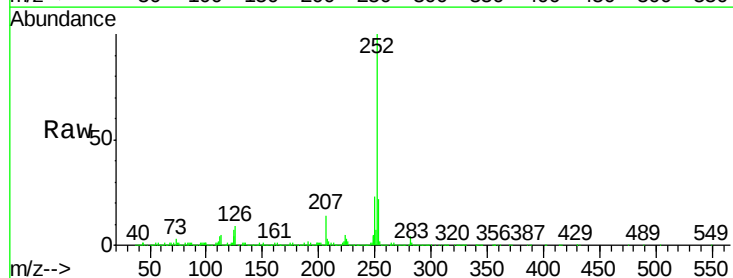
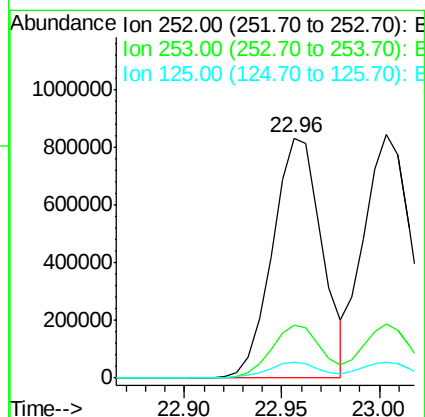
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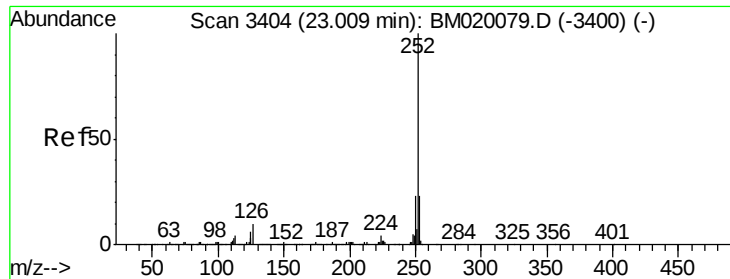
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#88
Benzo(b)fluoranthene
Concen: 36.278 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion:	252	Resp:	1458167
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.5	26.3
125	6.7	5.4	8.2





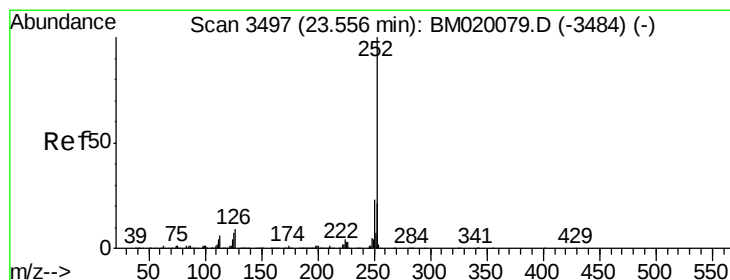
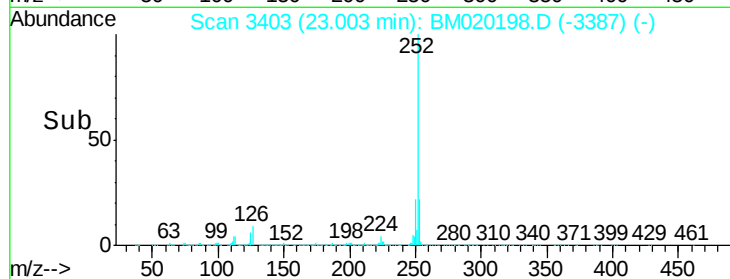
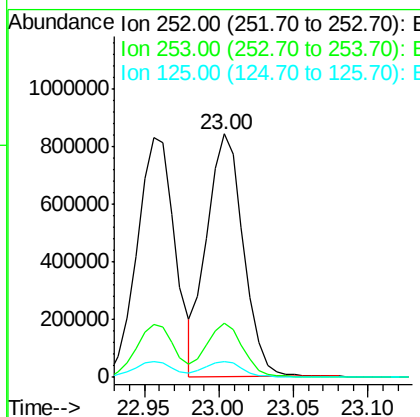
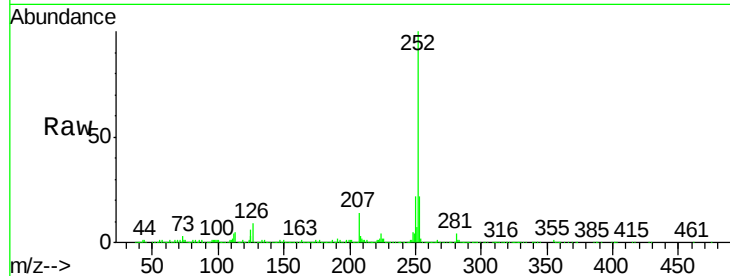
#89
Benzo(k)fluoranthene
Concen: 39.180 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Instrument :
BNA_M
ClientSampleId :
PB119288BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	6.5	5.4	8.0

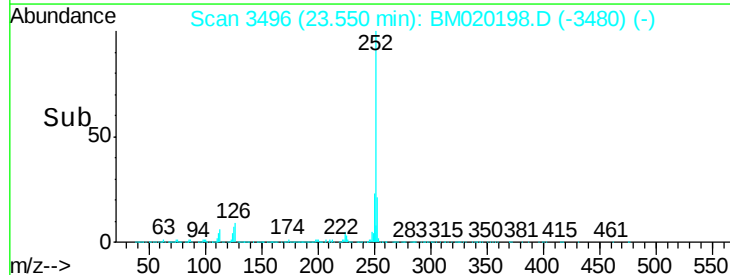
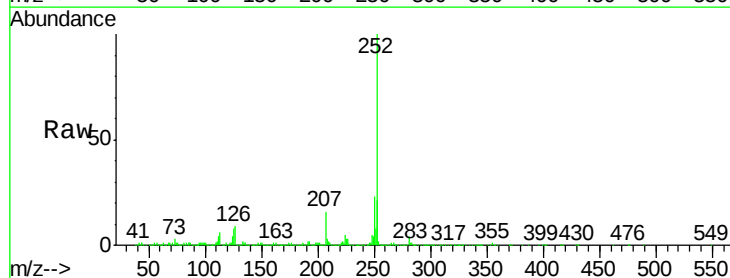
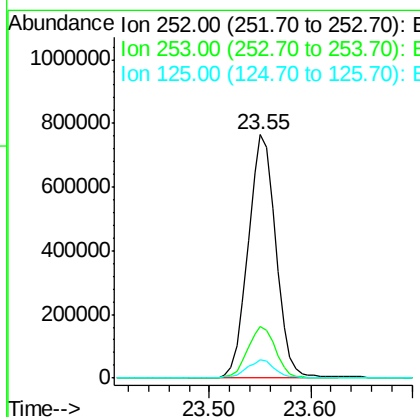
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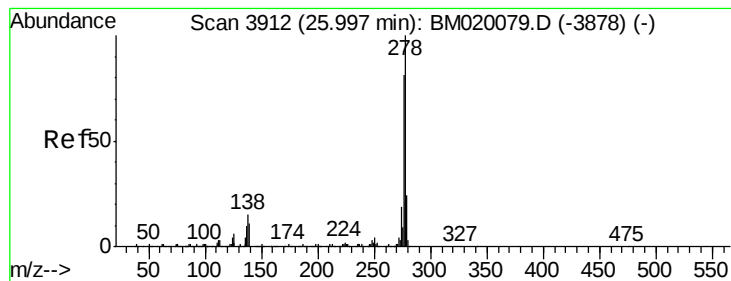
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#90
Benzo(a)pyrene
Concen: 39.669 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020198.D
Acq: 08 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	7.6	5.5	8.3





#91

Dibenzo(a,h)anthracene

Concen: 42.292 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

Instrument :

BNA_M

ClientSampleId :

PB119288BS

Tot Ion:278 Resp: 1605760

Ion Ratio Lower Upper

278 100

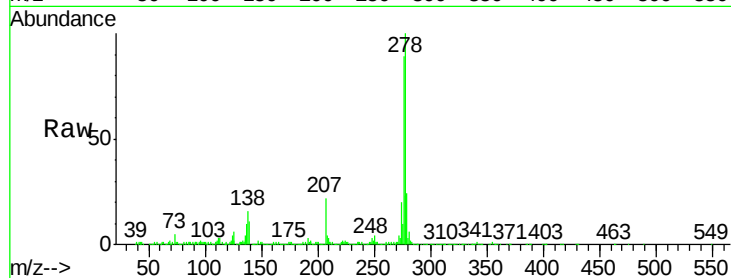
139 10.8 8.6 13.0

279 24.1 18.8 28.2

Manual Integrations
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Sohil

5/9/2019 6:45:29 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

600000

400000

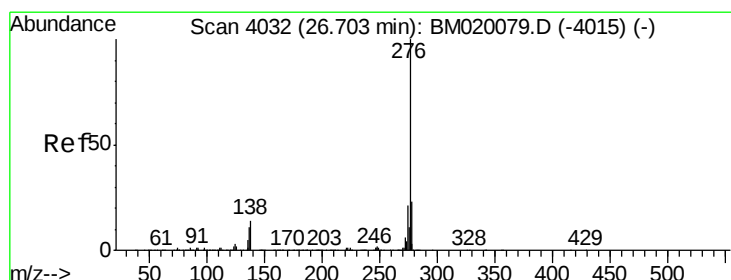
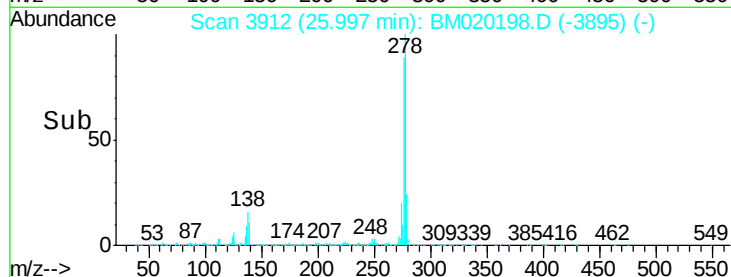
200000

0

26.00

25.90 26.00 26.10

Time-->



#92

Benzo(g,h,i)perylene

Concen: 44.428 ng

RT: 26.70 min Scan# 4032

Delta R.T. -0.00 min

Lab File: BM020198.D

Acq: 08 May 2019 17:07

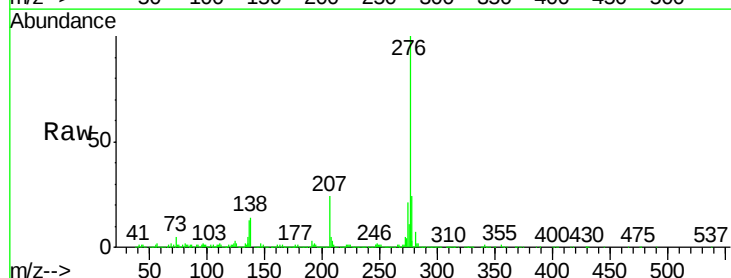
Tgt Ion:276 Resp: 1601502

Ion Ratio Lower Upper

276 100

277 24.5 18.4 27.6

138 13.9 11.1 16.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

600000

400000

200000

0

26.70

26.60 26.70 26.80

Time-->

