

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042419\
 Data File : BM020065.D
 Acq On : 24 Apr 2019 15:26
 Operator : JU/SJ
 Sample : PB119063BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Manual Integrations
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 4/25/2019 5:37:54 PM

Quant Time: Apr 25 02:31:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	153151	20.00	ng	-0.02
21) Naphthalene-d8	10.26	136	623106	20.00	ng	-0.03
39) Acenaphthene-d10	14.15	164	349102	20.00	ng	-0.02
64) Phenanthrene-d10	16.92	188	715405	20.00	ng	-0.02
76) Chrysene-d12	21.14	240	610749	20.00	ng	-0.02
87) Perylene-d12	23.33	264	438049	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	1399409	148.09	ng	-0.03
7) Phenol-d6	6.69	99	1866580	131.25	ng	-0.02
23) Nitrobenzene-d5	8.66	82	1261366	90.53	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	748879	133.26	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	2590336	92.47	ng	-0.03
79) Terphenyl-d14	19.57	244	3458038	99.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	146916	36.027	ng	98
3) Pyridine	3.47	79	364841	31.946	ng	99
4) n-Nitrosodimethylamine	3.40	42	153887	41.829	ng	91
6) Aniline	6.85	93	568169	30.931	ng	99
8) 2-Chlorophenol	7.06	128	469326	39.931	ng	98
9) Benzaldehyde	6.67	77	127852	12.684	ng	96
10) Phenol	6.71	94	619958	39.898	ng	91
11) bis(2-Chloroethyl)ether	6.94	93	408288	35.913	ng	100
12) 1,3-Dichlorobenzene	7.37	146	469232	38.028	ng	97
13) 1,4-Dichlorobenzene	7.52	146	484637	38.711	ng	99
14) 1,2-Dichlorobenzene	7.83	146	472320	38.050	ng	98
15) Benzyl Alcohol	7.75	79	477545	36.935	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.00	45	349913	32.287	ng	96
17) 2-Methylphenol	7.95	107	388337	37.761	ng	97
18) Hexachloroethane	8.53	117	187415	38.512	ng	96
19) n-Nitroso-di-n-propylamine	8.30	70	411532	32.918	ng	99
20) 3+4-Methylphenols	8.28	107	514973	36.452	ng	98
22) Acetophenone	8.33	105	713360	42.033	ng	# 99
24) Nitrobenzene	8.70	77	600468	41.602	ng	98
25) Isophorone	9.22	82	1015068	37.425	ng	99
26) 2-Nitrophenol	9.40	139	238353	38.751	ng	92
27) 2,4-Dimethylphenol	9.46	122	406200	46.707	ng	98
28) bis(2-Chloroethoxy)methane	9.70	93	582186	38.333	ng	99
29) 2,4-Dichlorophenol	9.93	162	411102	41.621	ng	97
30) 1,2,4-Trichlorobenzene	10.13	180	456826	42.972	ng	99
31) Naphthalene	10.31	128	1356019	40.573	ng	99
32) Benzoic acid	9.69	122	256860	33.113	ng	98
33) 4-Chloroaniline	10.47	127	323239	23.477	ng	100
34) Hexachlorobutadiene	10.56	225	272627	43.482	ng	98
35) Caprolactam	11.30	113	116202m	31.080	ng	
36) 4-Chloro-3-methylphenol	11.59	107	459116	37.409	ng	99
37) 2-Methylnaphthalene	11.93	142	982620	40.384	ng	97
38) 1-Methylnaphthalene	12.16	142	934128	38.882	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.31	216	483941	44.936	ng	99

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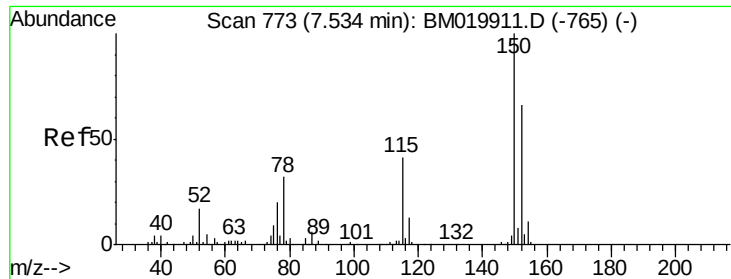
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.26	237	360020	92.320	ng	97
43) 2,4,6-Trichlorophenol	12.58	196	322521	44.172	ng	98
44) 2,4,5-Trichlorophenol	12.66	196	325879	42.883	ng	97
46) 1,1'-Biphenyl	12.97	154	1263139	41.775	ng	99
47) 2-Chloronaphthalene	13.02	162	974648	42.259	ng	99
48) 2-Nitroaniline	13.27	65	322839	38.834	ng	97
49) Acenaphthylene	13.87	152	1570290	39.131	ng	99
50) Dimethylphthalate	13.63	163	1224513	39.766	ng	99
51) 2,6-Dinitrotoluene	13.77	165	260446	38.249	ng	91
52) Acenaphthene	14.22	154	904620	40.657	ng	99
53) 3-Nitroaniline	14.12	138	165832	24.390	ng	97
54) 2,4-Dinitrophenol	14.34	184	280646	70.047	ng	93
55) Dibenzofuran	14.56	168	1456288	40.025	ng	98
56) 4-Nitrophenol	14.44	139	337159	64.101	ng	92
57) 2,4-Dinitrotoluene	14.58	165	361185	36.901	ng	98
58) Fluorene	15.22	166	1215561	39.427	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.80	232	292844	42.234	ng	99
60) Diethylphthalate	15.00	149	1245940	38.904	ng	99
61) 4-Chlorophenyl-phenylether	15.21	204	615563	41.469	ng	96
62) 4-Nitroaniline	15.30	138	205548	30.684	ng	88
63) Azobenzene	15.51	77	1375123	40.174	ng	99
65) 4,6-Dinitro-2-methylphenol	15.35	198	167339	36.661	ng	98
66) n-Nitrosodiphenylamine	15.44	169	984803	42.106	ng	98
67) 4-Bromophenyl-phenylether	16.11	248	345849	42.048	ng	99
68) Hexachlorobenzene	16.22	284	413549	41.903	ng	98
69) Atrazine	16.41	200	314096	39.560	ng	98
70) Pentachlorophenol	16.58	266	397154	78.760	ng	99
71) Phenanthrene	16.96	178	1695382	39.934	ng	100
72) Anthracene	17.06	178	1705593	40.359	ng	100
73) Carbazole	17.35	167	1444548	36.611	ng	99
74) Di-n-butylphthalate	17.89	149	1953658	37.703	ng	100
75) Fluoranthene	19.00	202	1786561	36.567	ng	99
77) Benzidine	19.22	184	525749	31.199	ng	98
78) Pyrene	19.37	202	1802585	44.568	ng	100
80) Butylbenzylphthalate	20.27	149	801721	40.886	ng	99
81) Benzo(a)anthracene	21.13	228	1474614	38.114	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	472465	32.822	ng	97
83) Chrysene	21.19	228	1442807	38.886	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1116169	38.235	ng	100
85) Di-n-octyl phthalate	21.91	149	1763792	37.236	ng	100
86) Indeno(1,2,3-cd)pyrene	25.50	276	1570811	43.036	ng	98
88) Benzo(b)fluoranthene	22.67	252	1412905	48.575	ng	99
89) Benzo(k)fluoranthene	22.71	252	1324400	48.365	ng	99
90) Benzo(a)pyrene	23.23	252	1274308	49.444	ng	99
91) Dibenzo(a,h)anthracene	25.51	278	1314204	52.889	ng	99
92) Benzo(g,h,i)perylene	26.17	276	1200219	53.329	ng	97

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



#1

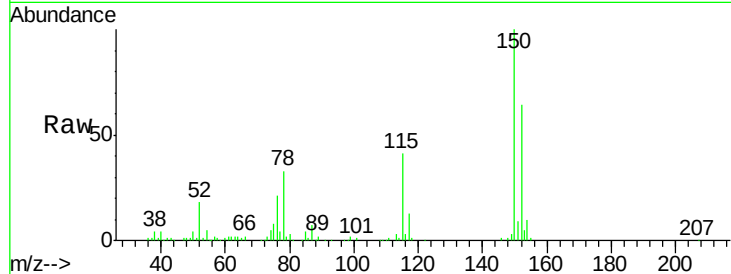
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
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ClientSampleId :
PB119063BS

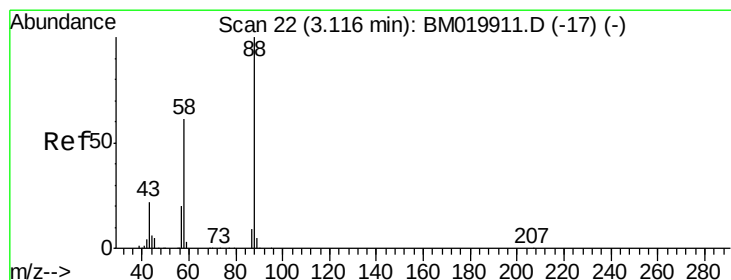
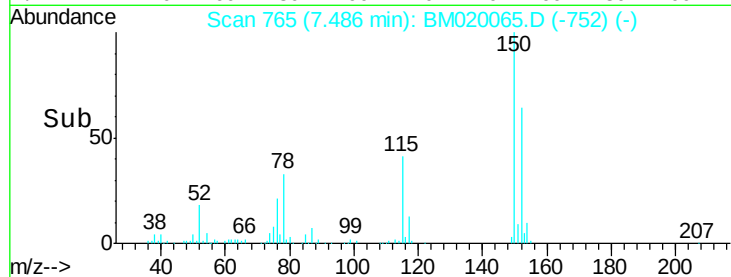
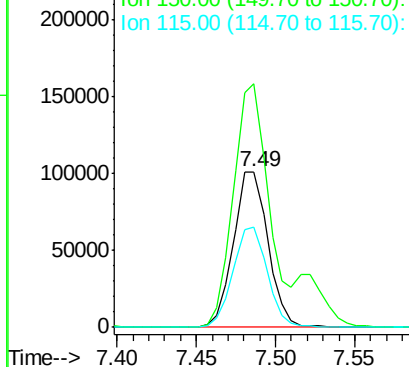
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	122.1	183.1
115	64.6	50.0	75.0

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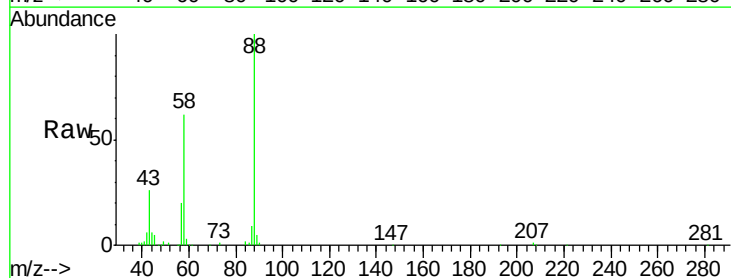
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



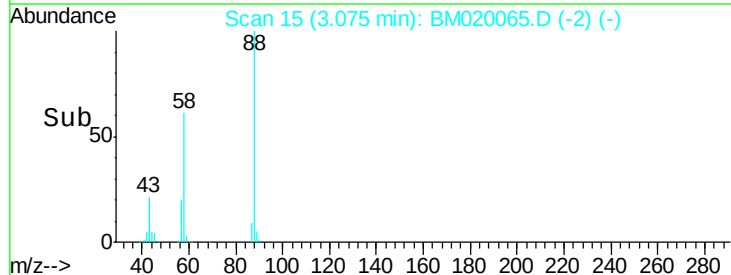
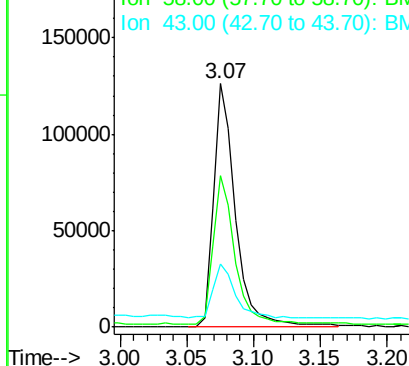
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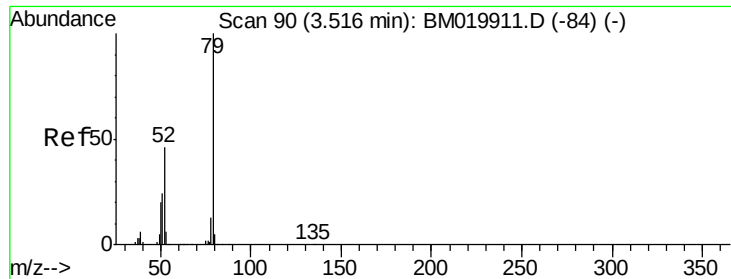
1,4-Dioxane
Concen: 36.027 ng
RT: 3.07 min Scan# 15
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.3	49.6	74.4
43	22.5	18.6	27.8



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





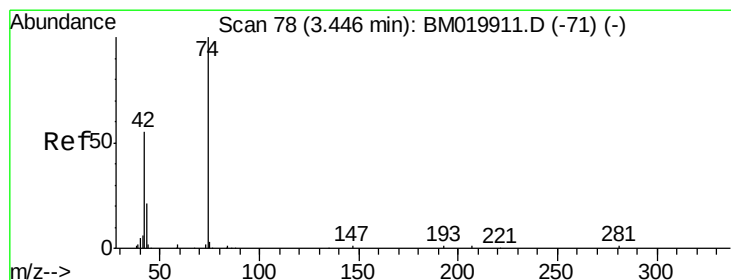
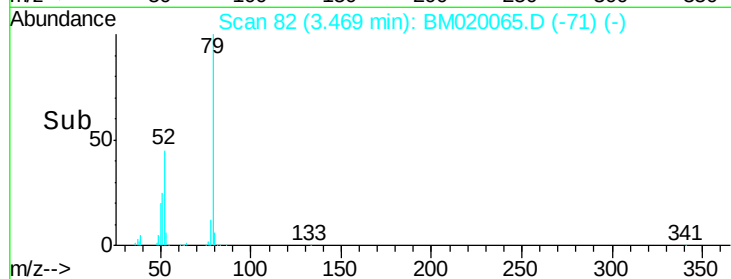
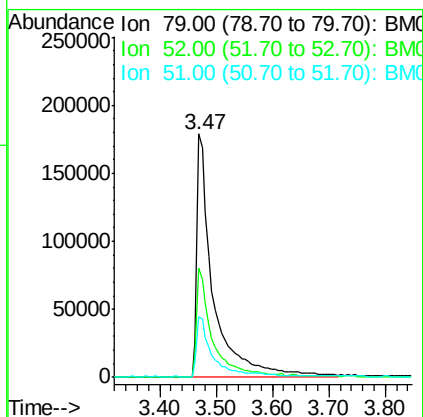
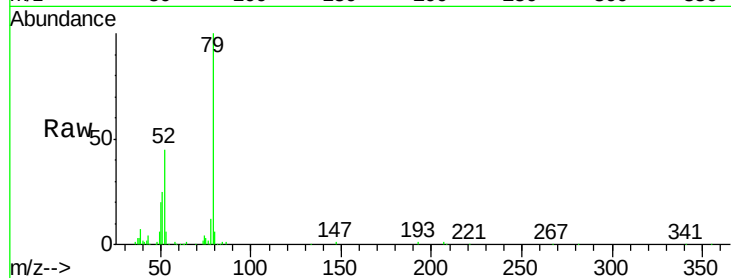
#3
 Pyridine
 Concen: 31.946 ng
 RT: 3.47 min Scan# 82
 Delta R.T. -0.04 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
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 PB119063BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	45.0	36.9	55.3
51	24.9	20.0	30.0

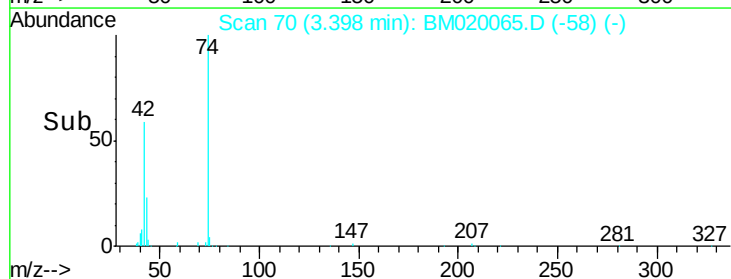
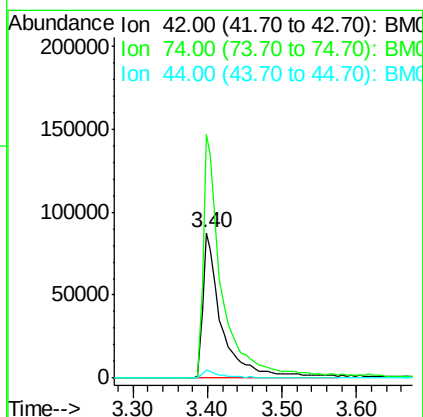
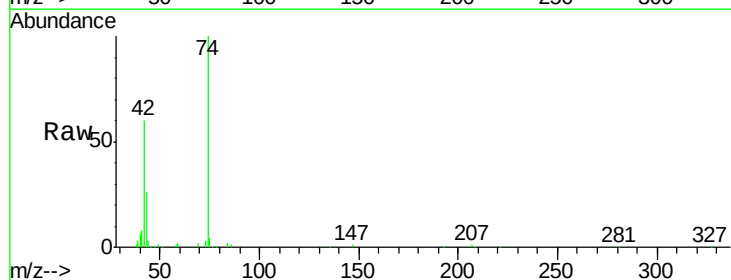
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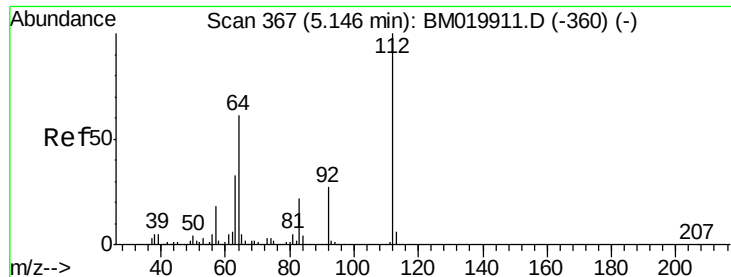
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#4
 n-Nitrosodimethylamine
 Concen: 41.829 ng
 RT: 3.40 min Scan# 70
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
42	100		
74	167.9	144.6	217.0
44	5.5	5.4	8.2





#5

2-Fluorophenol

Concen: 148.086 ng

RT: 5.10 min Scan# 359

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB119063BS

Tgt Ion: 112 Resp: 1399409

Ion Ratio Lower Upper

112 100

64 63.7 49.1 73.7

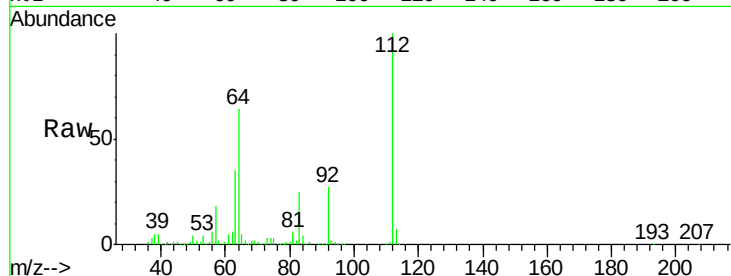
63 35.2 26.5 39.7

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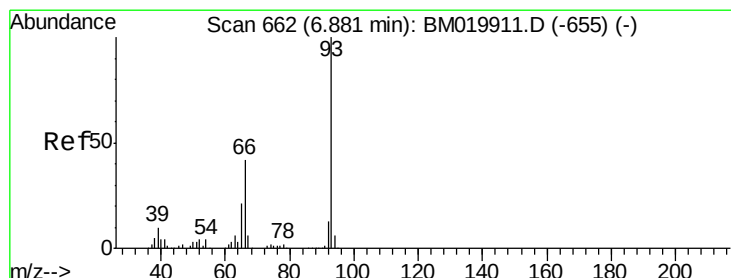
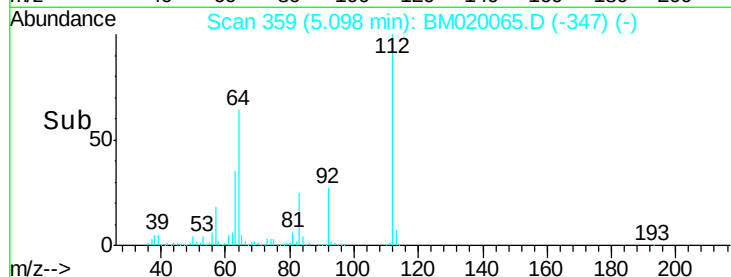
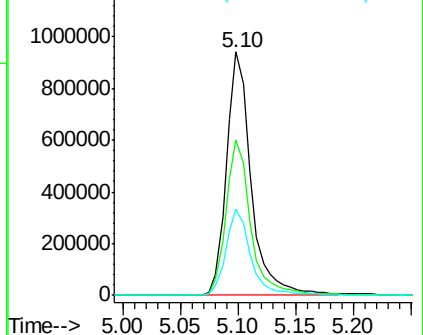
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 30.931 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion: 93 Resp: 568169

Ion Ratio Lower Upper

93 100

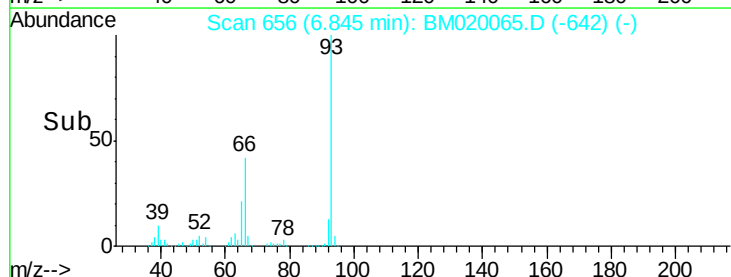
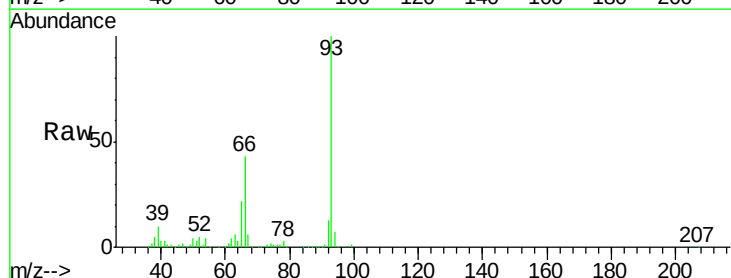
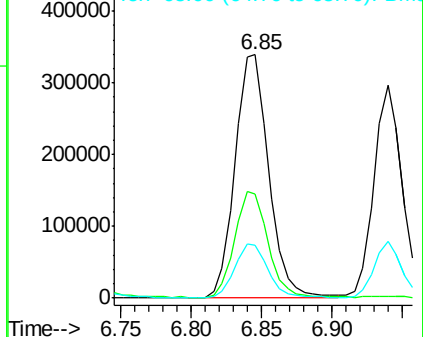
66 42.6 33.9 50.9

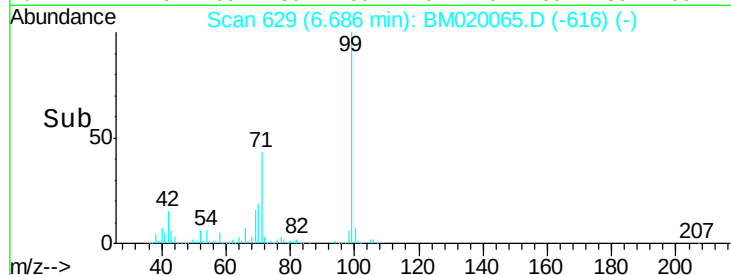
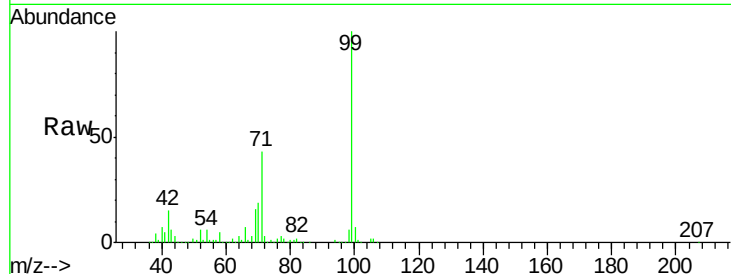
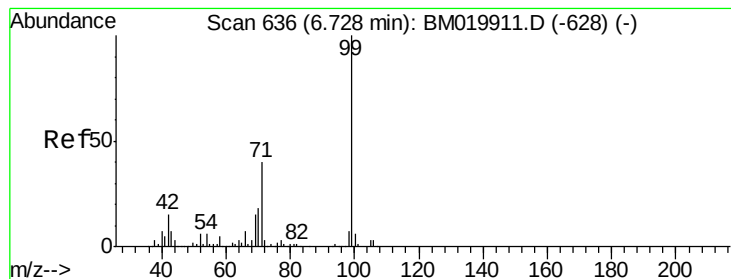
65 21.9 17.0 25.6

Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 131.245 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	99	Resp:	1866580
Ion	Ratio	Lower	Upper
99	100		
42	15.3	11.8	17.8
71	43.4	32.0	48.0

Instrument :

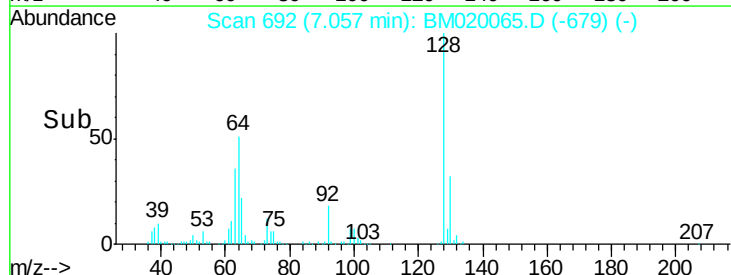
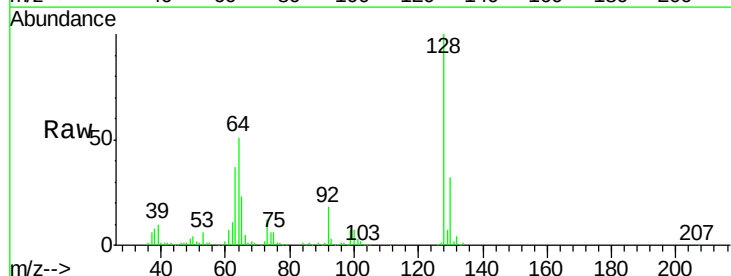
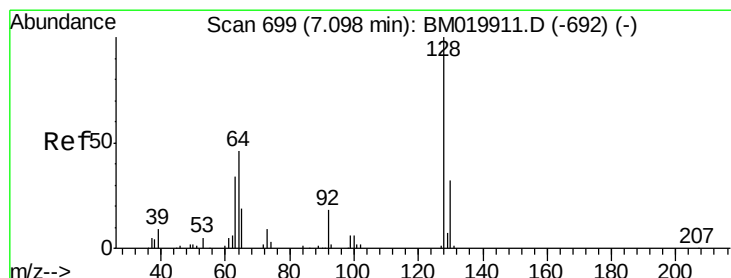
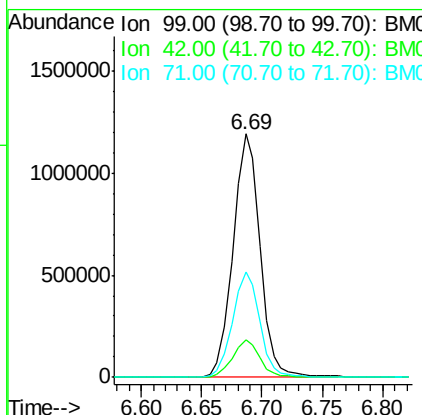
BNA_M

ClientSampleId :

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#8

2-Chlorophenol

Concen: 39.931 ng

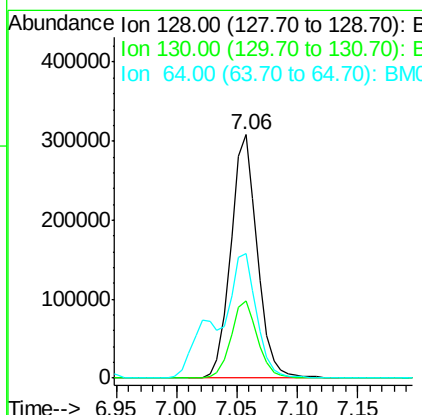
RT: 7.06 min Scan# 692

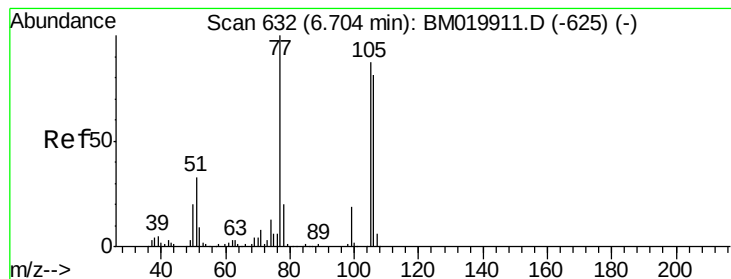
Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	128	Resp:	469326
Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.0	52.0
64	51.3	33.0	73.0





#9

Benzaldehyde

Concen: 12.684 ng

RT: 6.67 min Scan# 626

Delta R.T. -0.02 min

Lab File: BM020065.D

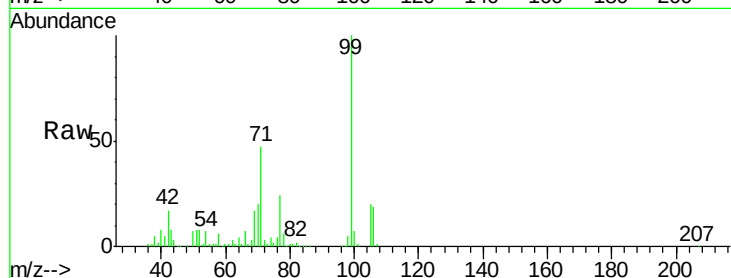
Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

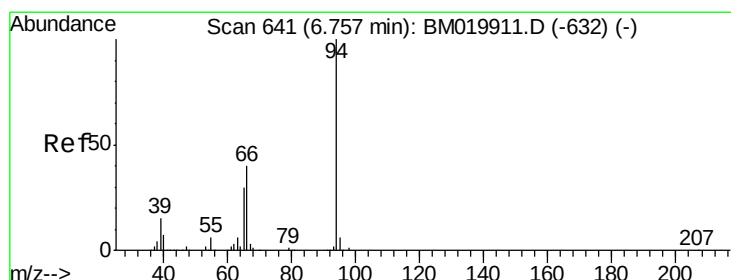
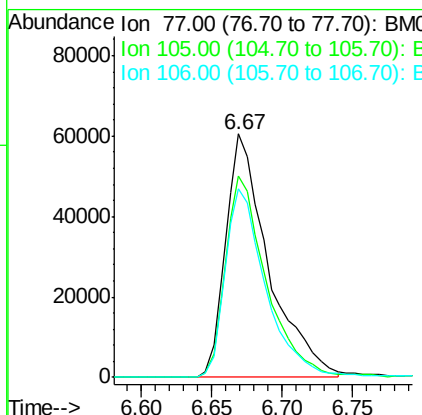
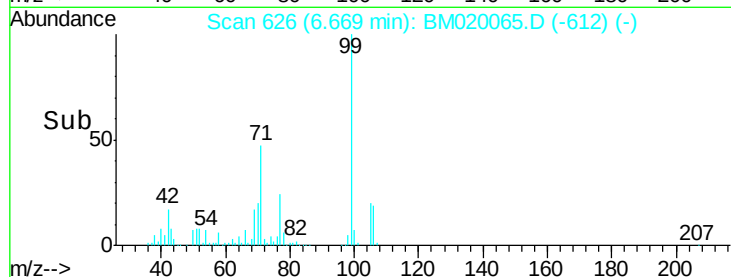
PB119063BS



Tgt Ion:	77	Resp:	127852
Ion Ratio	Lower	Upper	
77	100		
105	82.8	67.3	107.3
106	77.4	60.6	100.6

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#10

Phenol

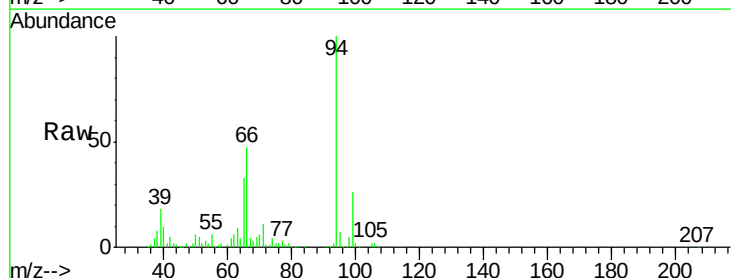
Concen: 39.898 ng

RT: 6.71 min Scan# 633

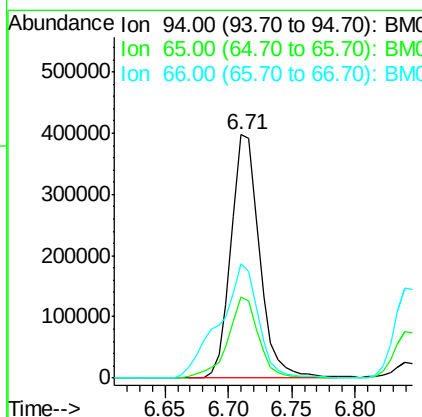
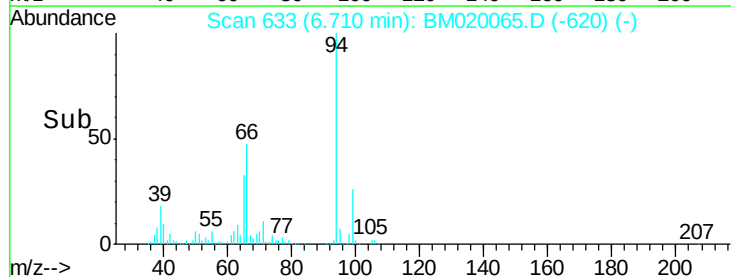
Delta R.T. -0.02 min

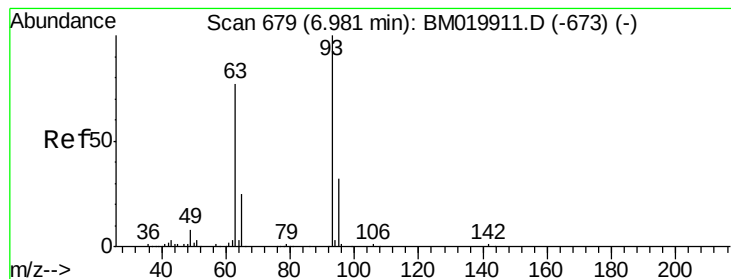
Lab File: BM020065.D

Acq: 24 Apr 2019 15:26



Tgt Ion:	94	Resp:	619958
Ion Ratio	Lower	Upper	
94	100		
65	33.5	10.0	50.0
66	46.8	20.2	60.2





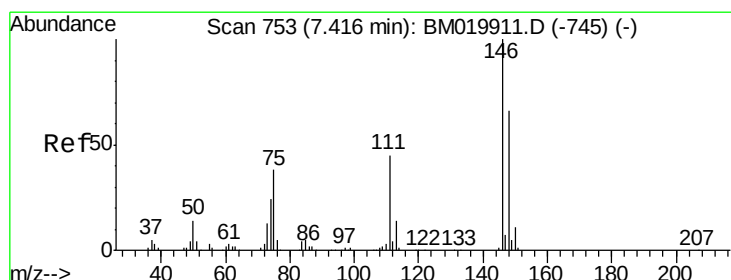
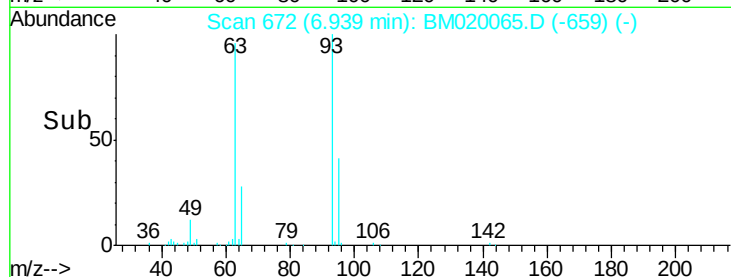
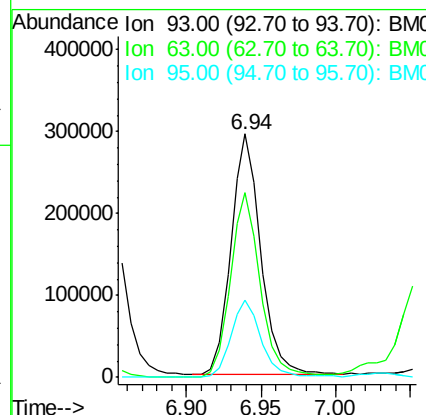
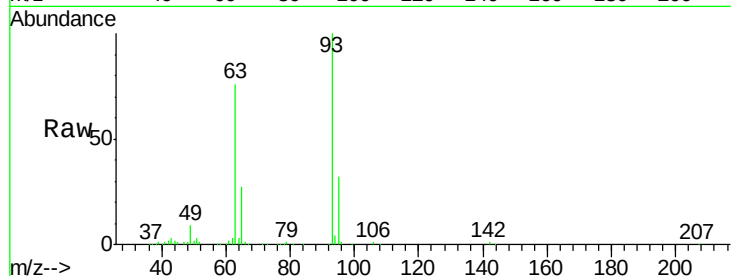
#11
bis(2-Chloroethyl)ether
Concen: 35.913 ng
RT: 6.94 min Scan# 672
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	408288		
63	75.8	55.8	95.8	
95	31.6	11.6	51.6	

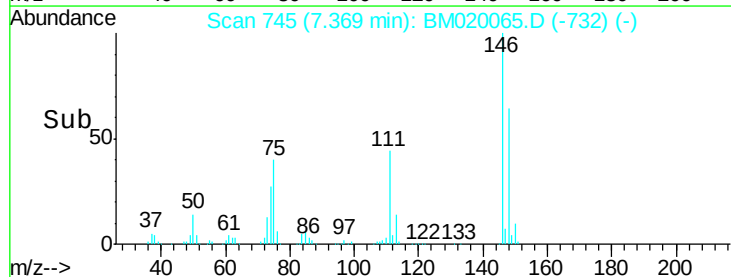
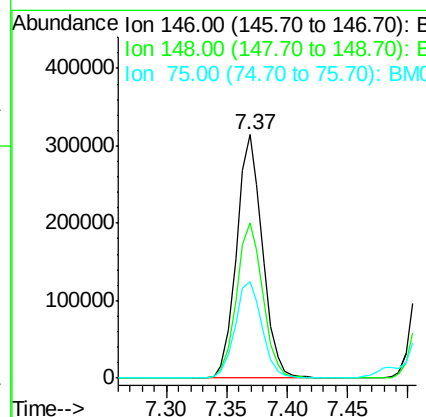
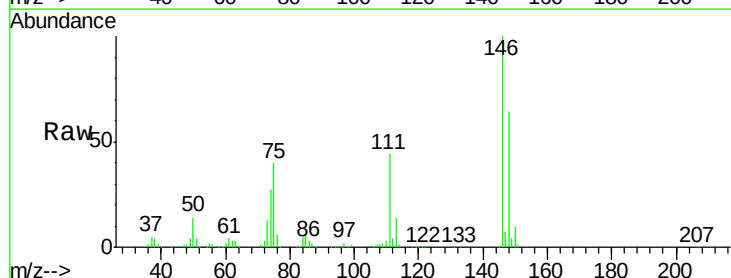
Manual Integrations
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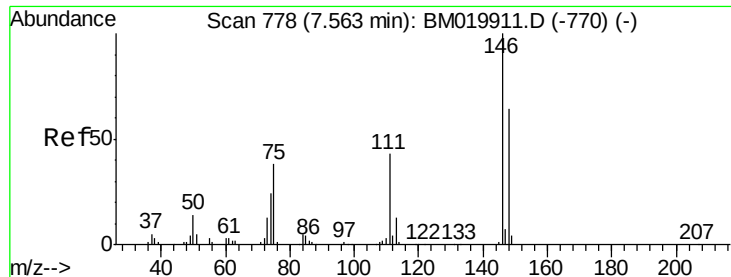
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.028 ng
RT: 7.37 min Scan# 745
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	469232		
148	64.0	52.6	78.8	
75	39.8	30.0	45.0	





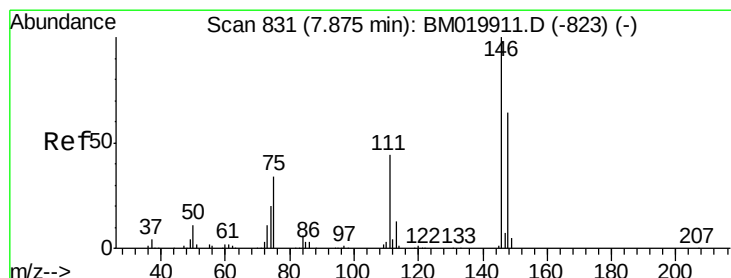
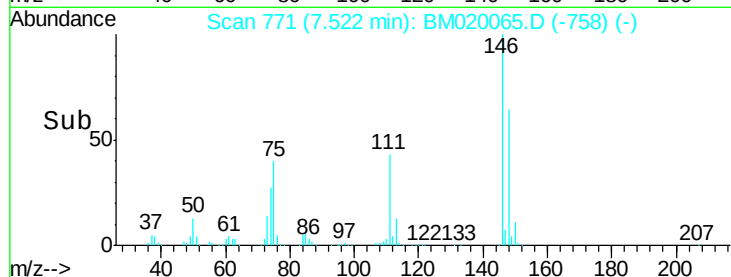
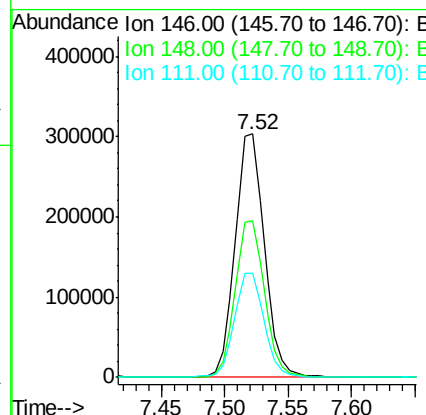
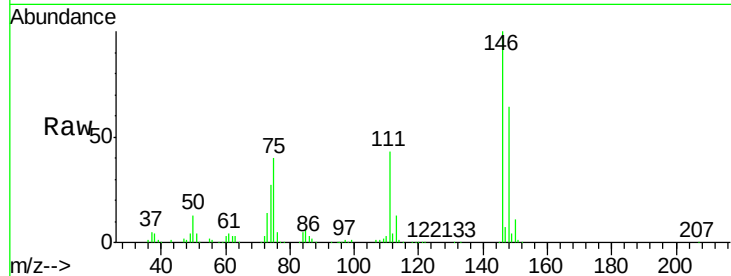
#13
 1,4-Dichlorobenzene
 Concen: 38.711 ng
 RT: 7.52 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	42.7	34.6	51.8

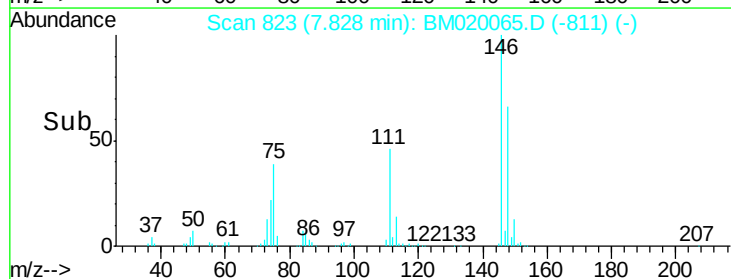
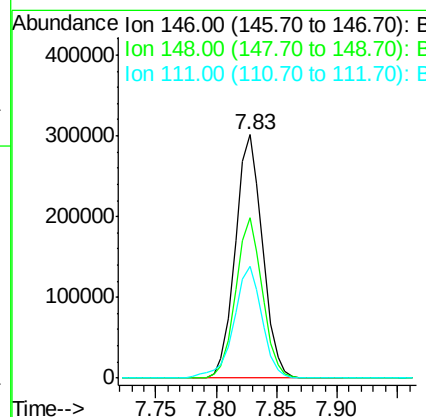
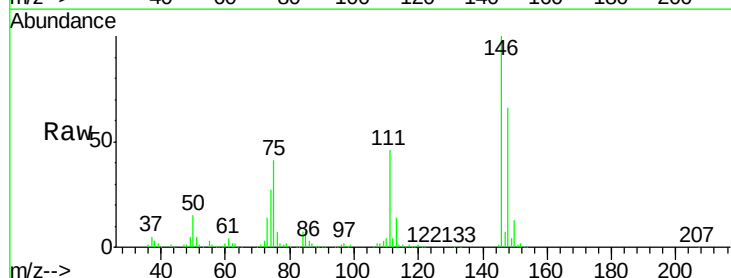
Manual Integrations
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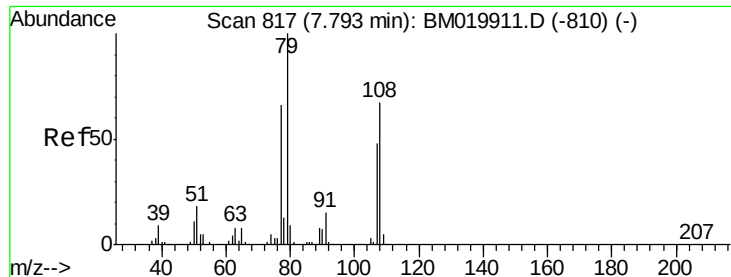
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 38.050 ng
 RT: 7.83 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.4	77.2
111	45.8	35.4	53.0





#15

Benzyl Alcohol

Concen: 36.935 ng

RT: 7.75 min Scan# 810

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

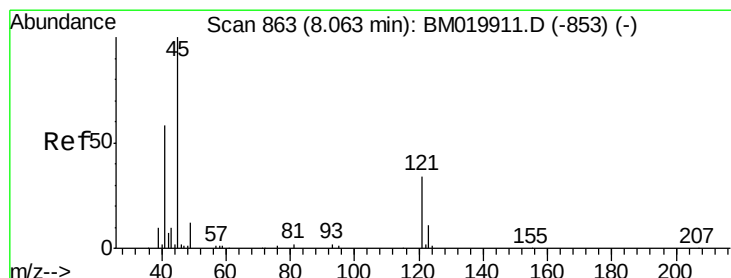
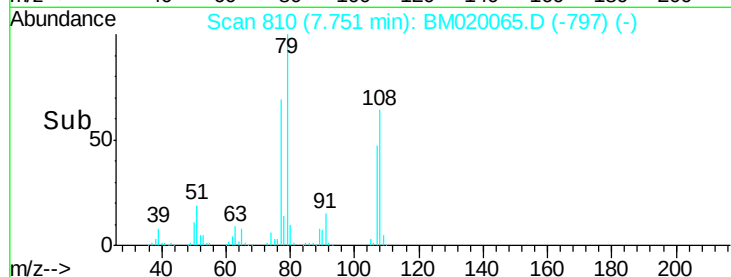
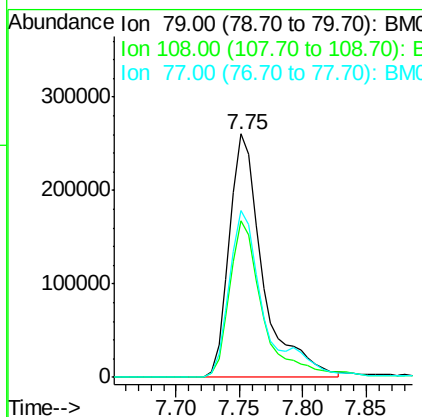
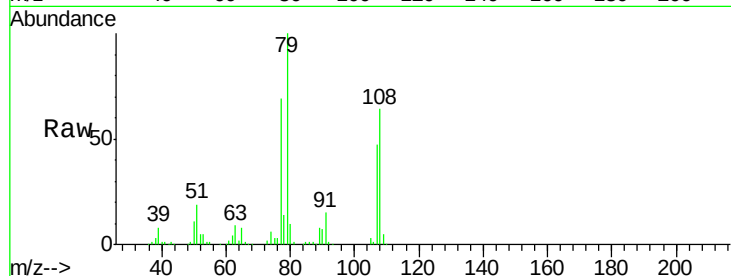
ClientSampleId :

PB119063BS

Tgt Ion:	79	Resp:	477545
Ion Ratio	Lower	Upper	
79	100		
108	64.2	53.9	80.9
77	68.6	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.287 ng

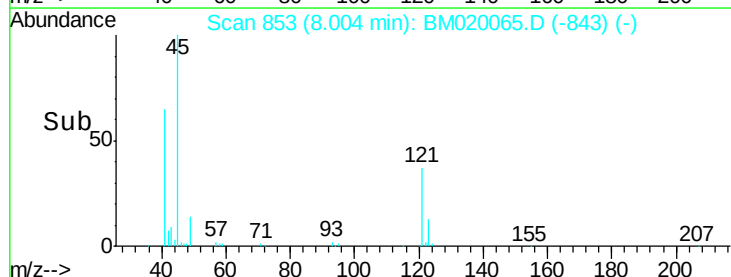
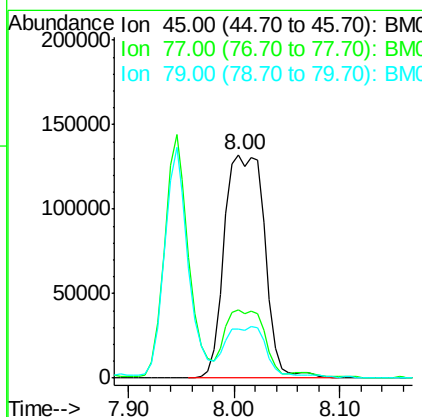
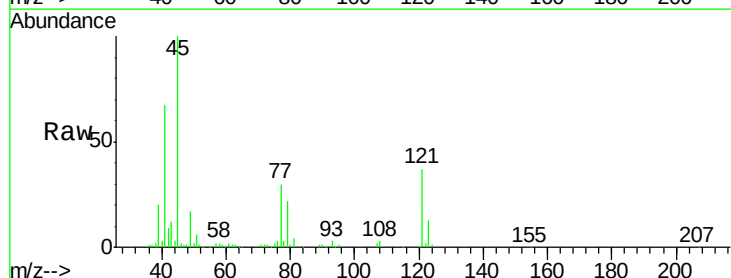
RT: 8.00 min Scan# 853

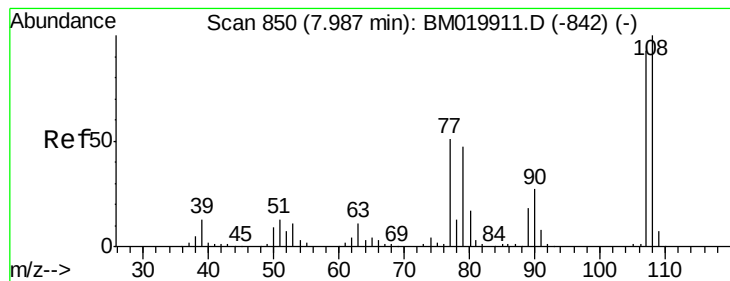
Delta R.T. -0.04 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	45	Resp:	349913
Ion Ratio	Lower	Upper	
45	100		
77	30.2	7.2	47.2
79	22.0	1.2	41.2





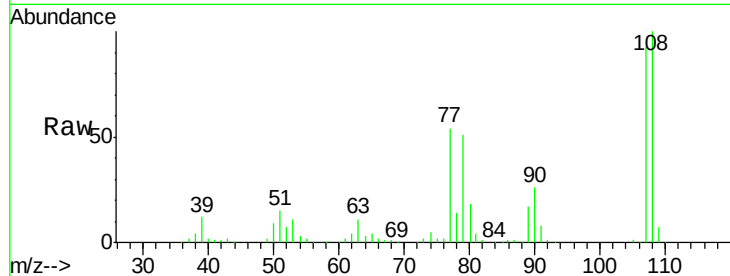
#17
2-Methylphenol
Concen: 37.761 ng
RT: 7.95 min Scan# 843
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

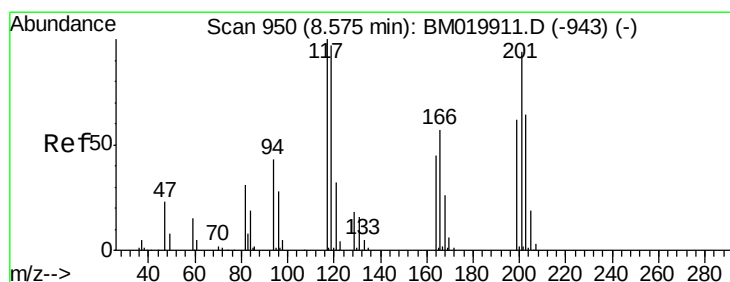
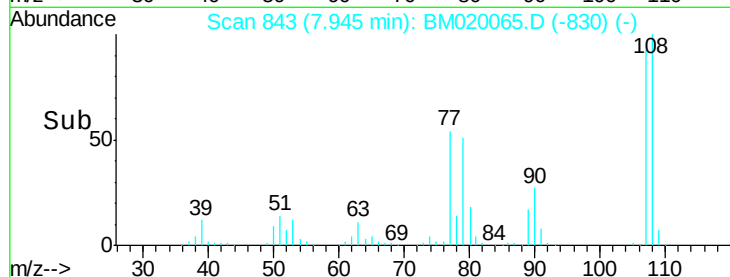
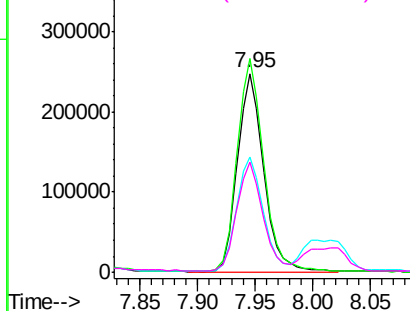
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	388337		
108	107.3	85.9	128.9	
77	58.1	43.8	65.6	
79	55.2	41.1	61.7	

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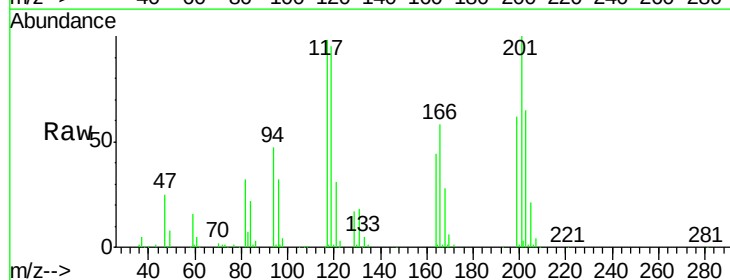


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

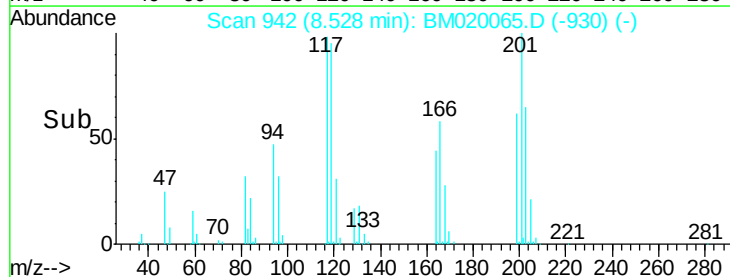
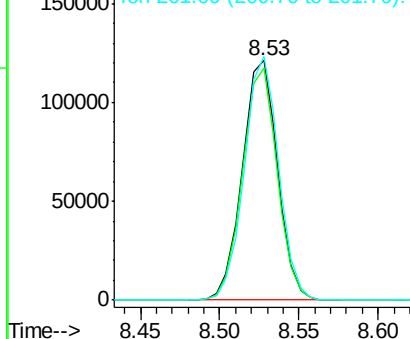


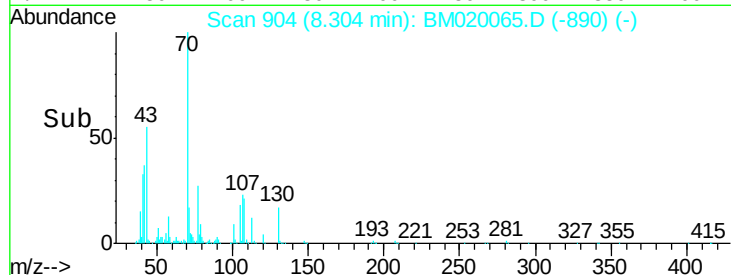
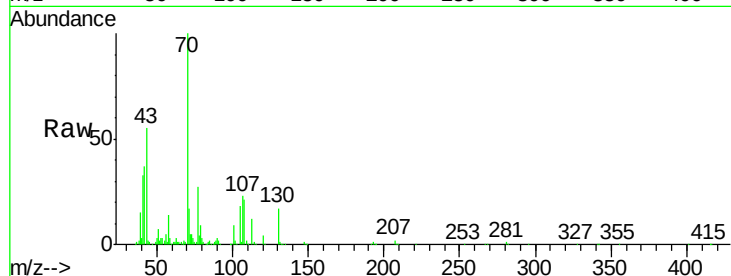
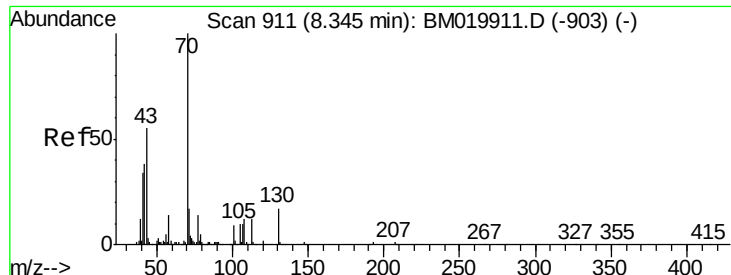
#18
Hexachloroethane
Concen: 38.512 ng
RT: 8.53 min Scan# 942
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	187415		
119	96.8	77.6	116.4	
201	101.6	75.4	113.2	



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





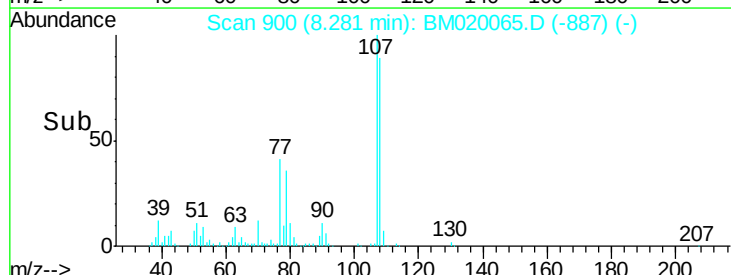
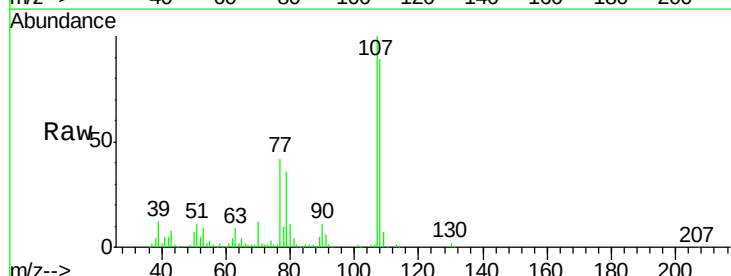
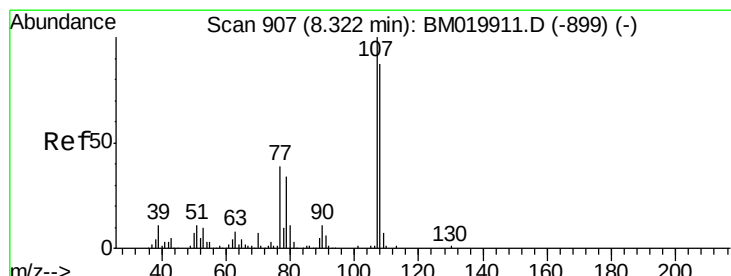
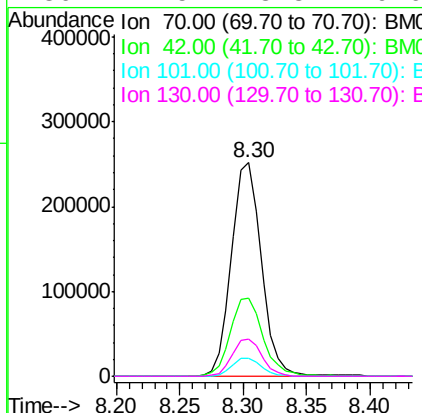
#19
n-Nitroso-di-n-propylamine
Concen: 32.918 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	36.6	30.3	45.5
101	8.6	6.9	10.3
130	17.5	13.8	20.6

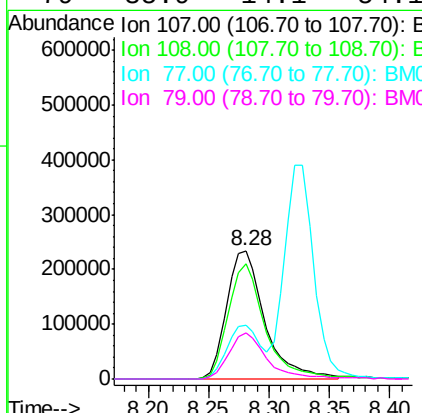
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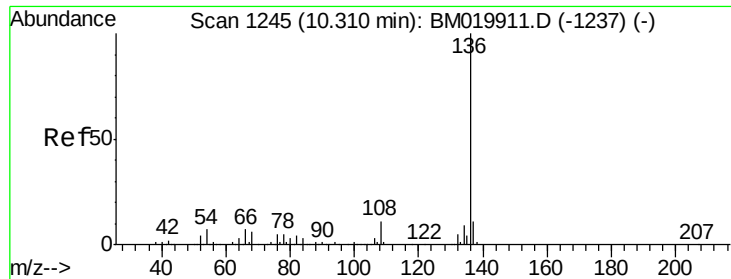
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#20
3+4-Methylphenols
Concen: 36.452 ng
RT: 8.28 min Scan# 900
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.4	107.4
77	41.5	19.7	59.7
79	35.9	14.1	54.1





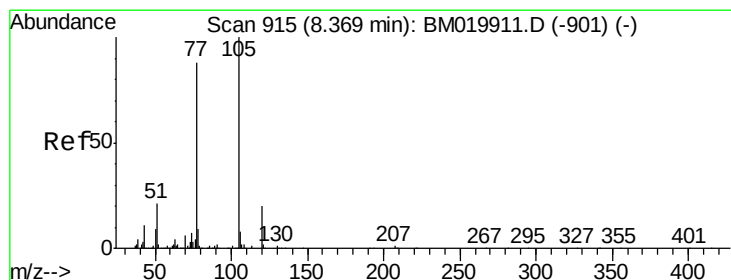
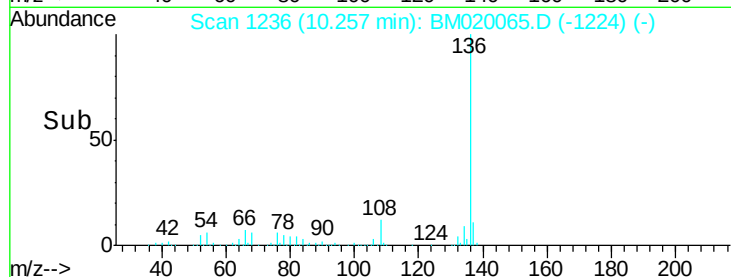
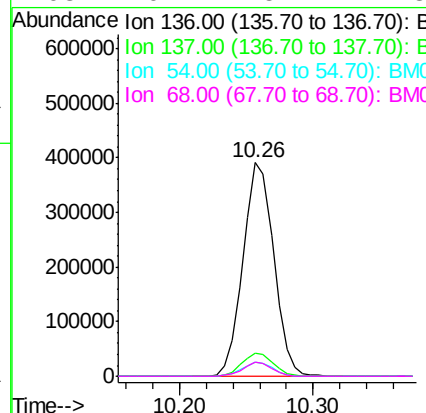
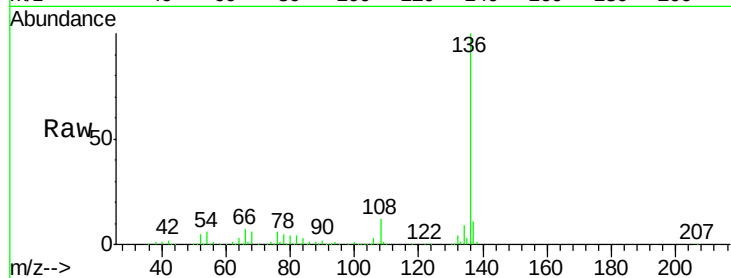
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.26 min Scan# 1236
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	623106		
137	10.9	9.0	13.6	
54	6.5	5.3	7.9	
68	6.4	5.2	7.8	

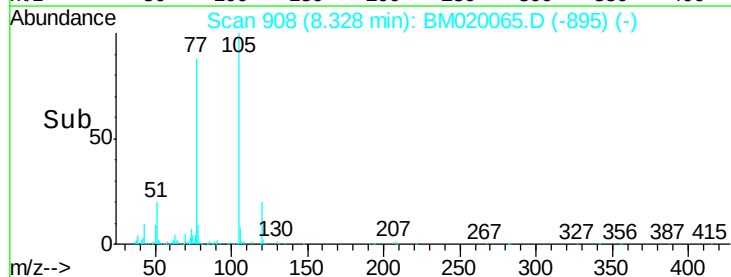
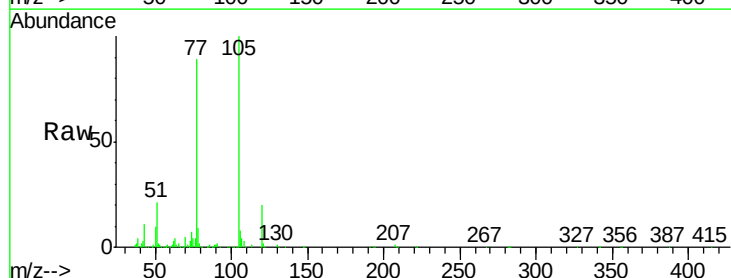
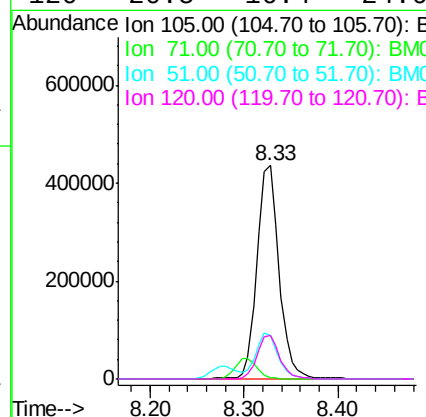
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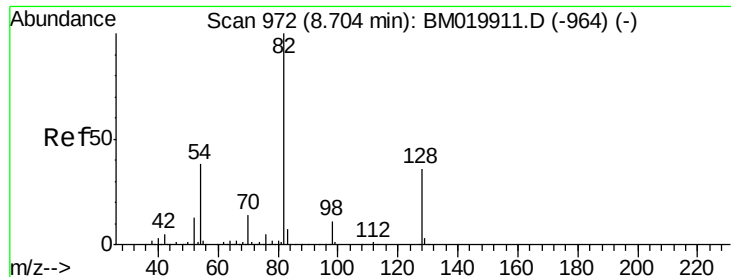
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#22
Acetophenone
Concen: 42.033 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	713360		
71	0.7	0.8	1.2#	
51	20.6	16.9	25.3	
120	20.5	16.4	24.6	





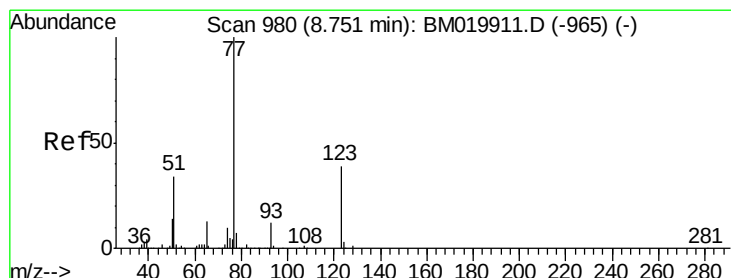
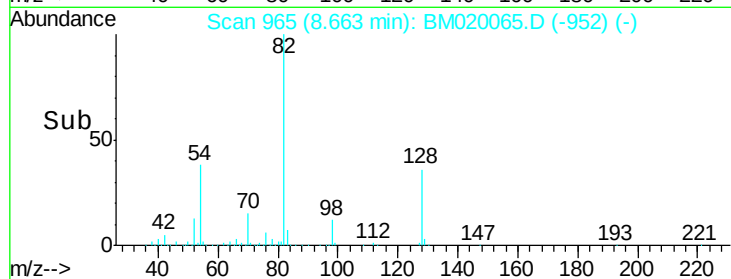
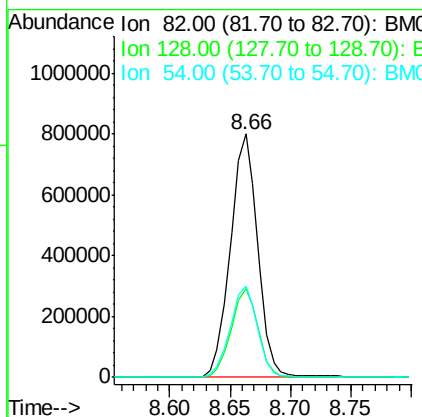
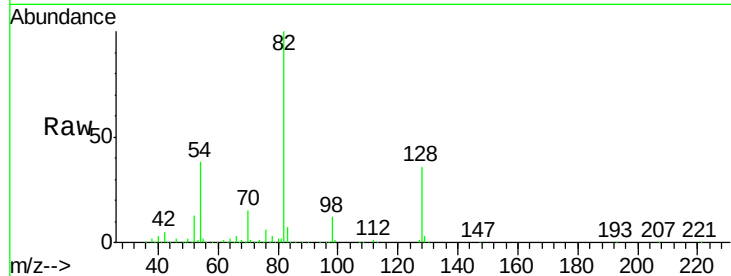
#23
 Nitrobenzene-d5
 Concen: 90.530 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampled :
 PB119063BS

Tgt Ion: 82 Resp: 1261366
 Ion Ratio Lower Upper
 82 100
 128 36.4 29.0 43.4
 54 37.7 30.2 45.4

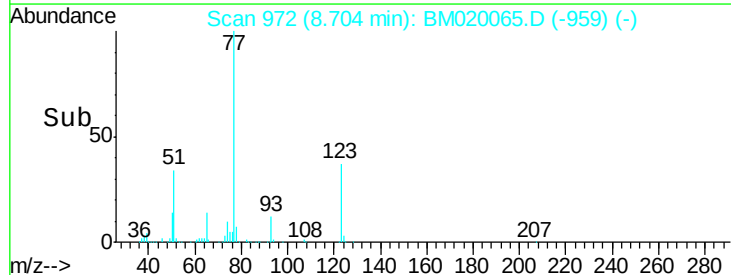
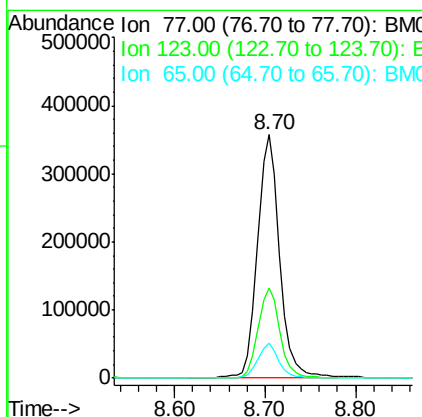
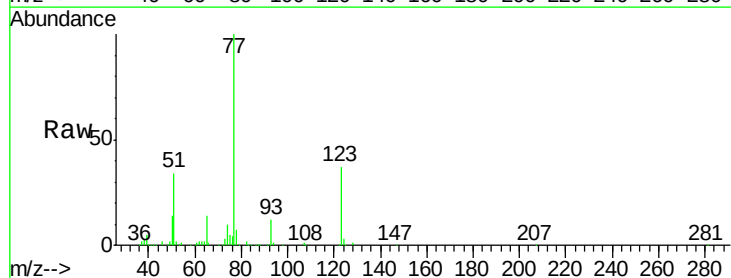
Manual Integrations
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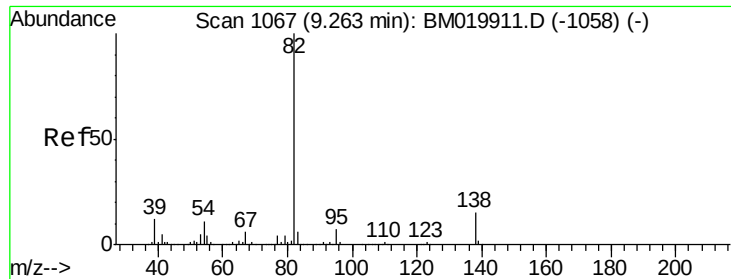
Sohil
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#24
 Nitrobenzene
 Concen: 41.602 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion: 77 Resp: 600468
 Ion Ratio Lower Upper
 77 100
 123 37.1 31.0 46.4
 65 14.1 10.6 16.0





#25

Isophorone

Concen: 37.425 ng

RT: 9.22 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB119063BS

Tgt Ion: 82 Resp: 1015068

Ion Ratio Lower Upper

82 100

95 7.3 5.5 8.3

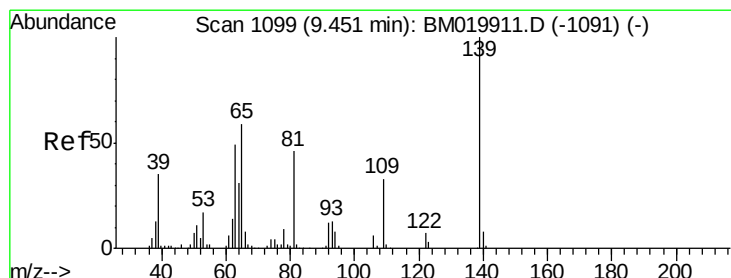
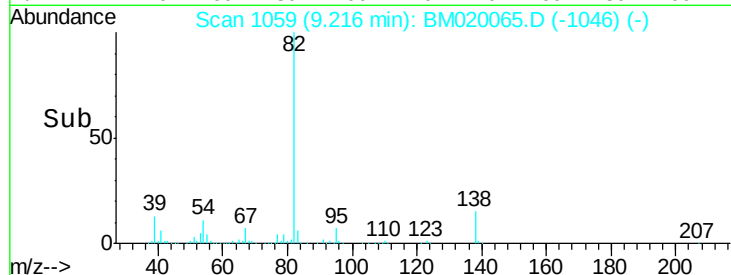
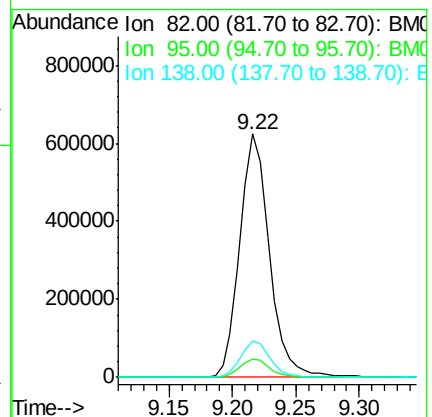
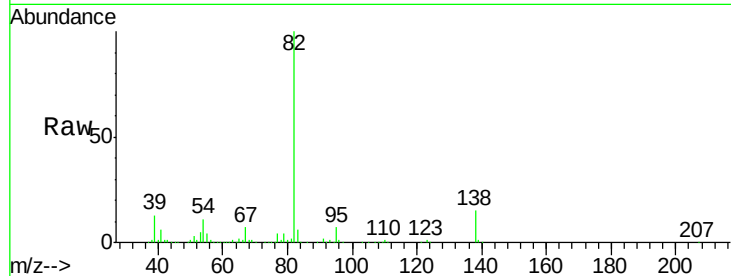
138 15.0 12.2 18.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 38.751 ng

RT: 9.40 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

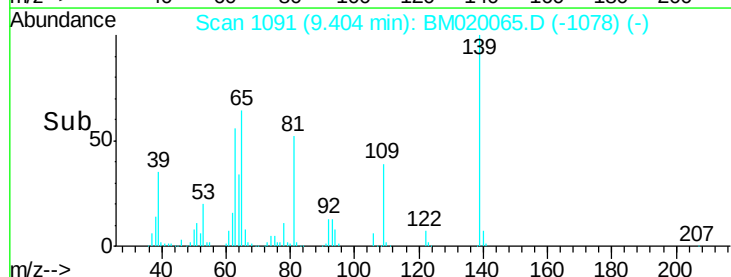
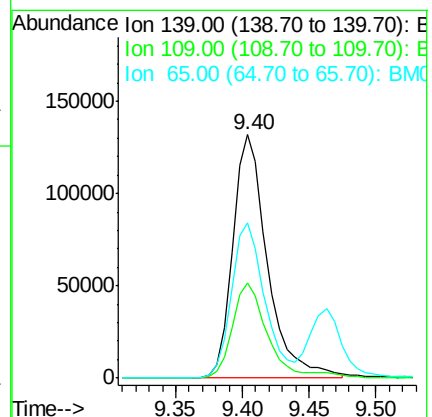
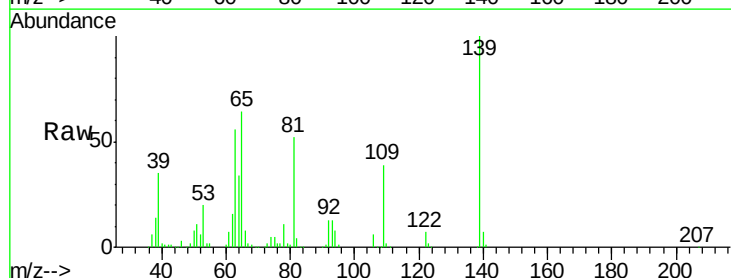
Tgt Ion: 139 Resp: 238353

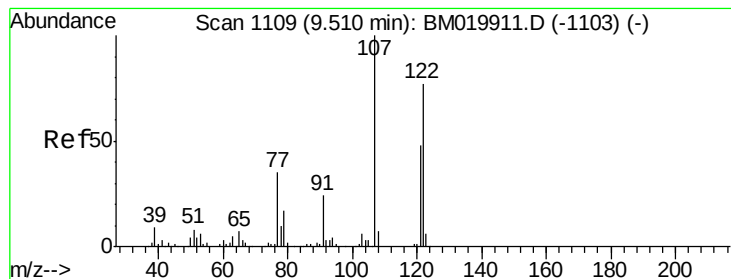
Ion Ratio Lower Upper

139 100

109 39.2 26.3 39.5

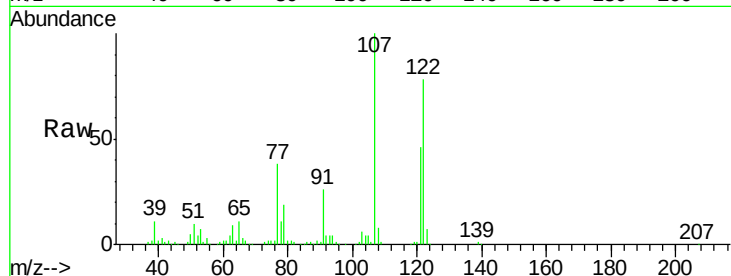
65 64.0 47.4 71.2





#27
2,4-Dimethylphenol
Concen: 46.707 ng
RT: 9.46 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

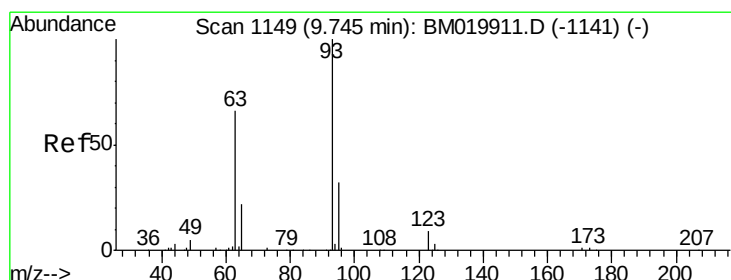
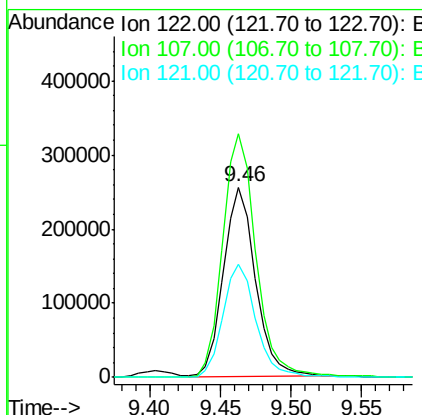
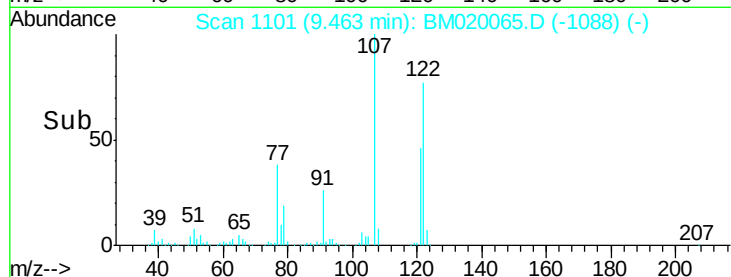
Instrument :
BNA_M
ClientSampleId :
PB119063BS



Tgt Ion: 122 Resp: 406200
Ion Ratio Lower Upper
122 100
107 128.1 103.1 154.7
121 59.6 49.8 74.8

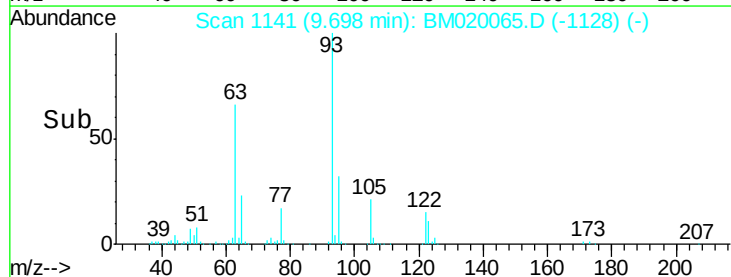
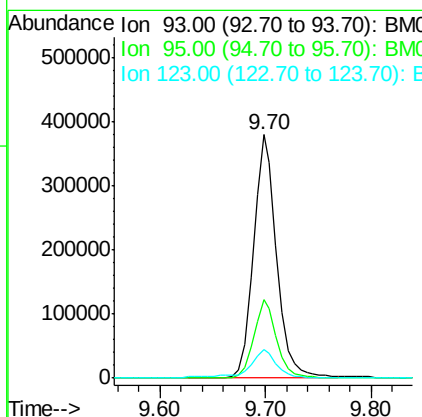
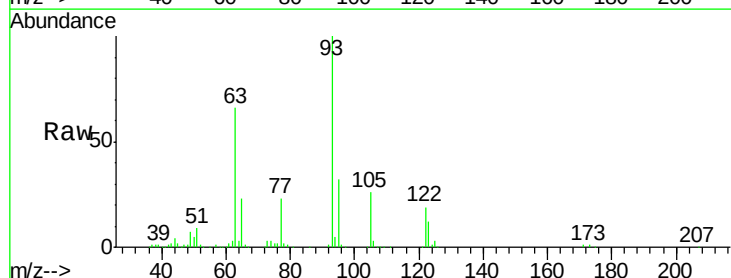
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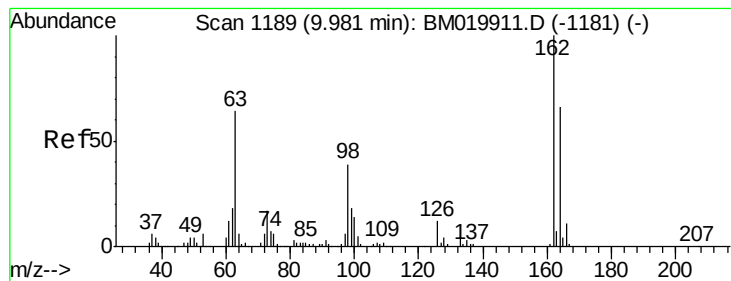
Sohil
4/25/2019 5:37:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.333 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion: 93 Resp: 582186
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.8
123 11.6 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 41.621 ng

RT: 9.93 min Scan# 1181

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

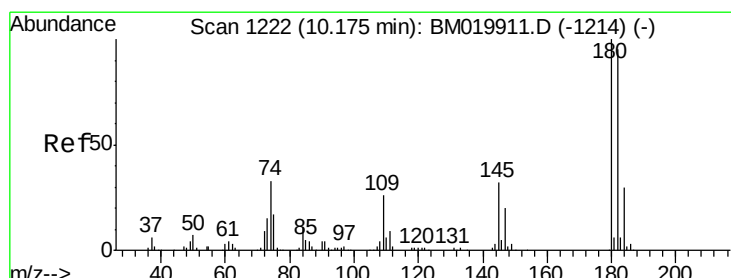
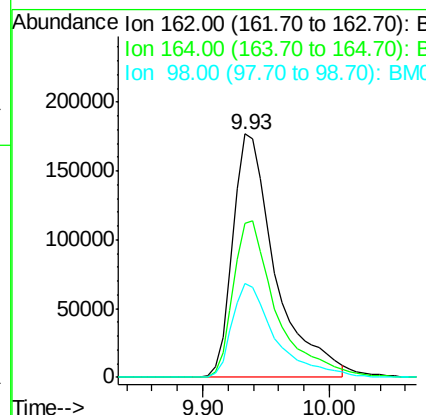
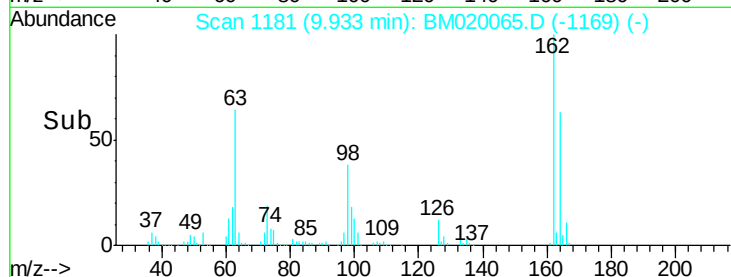
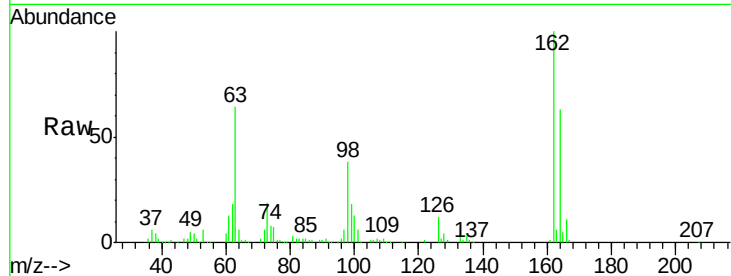
ClientSampleId :

PB119063BS

Tgt Ion:	162	Resp:	411102
Ion Ratio	Lower	Upper	
162	100		
164	63.5	46.3	86.3
98	38.5	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 42.972 ng

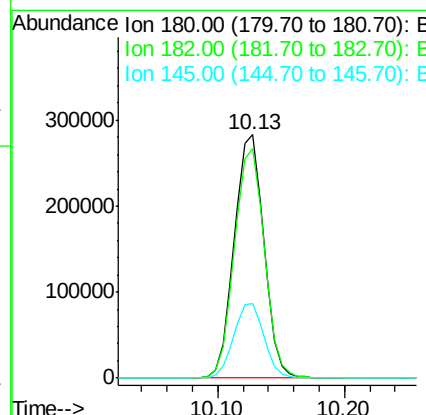
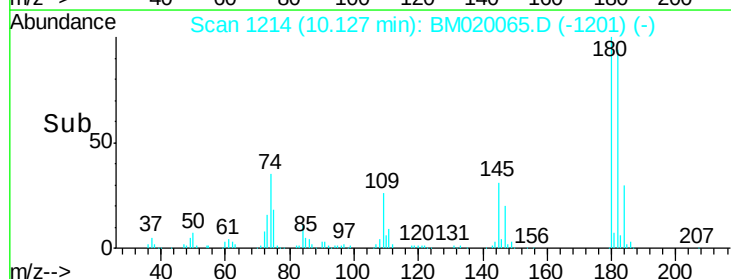
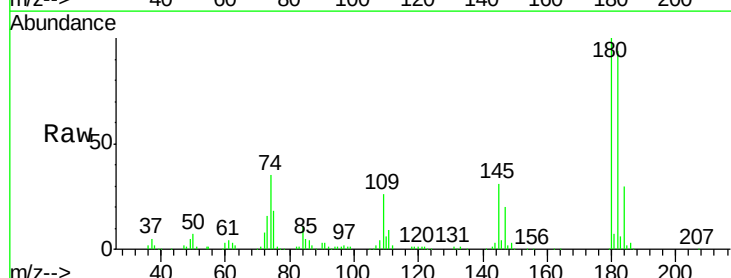
RT: 10.13 min Scan# 1214

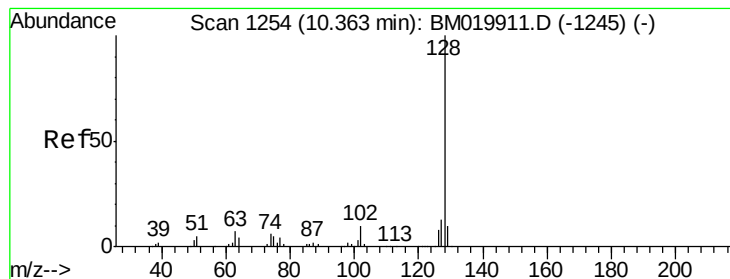
Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	180	Resp:	456826
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.3	114.5
145	30.6	25.5	38.3





#31

Naphthalene

Concen: 40.573 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

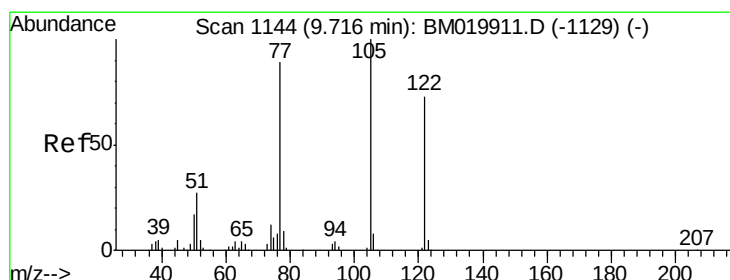
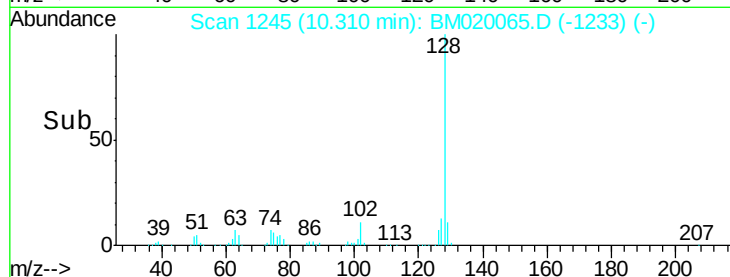
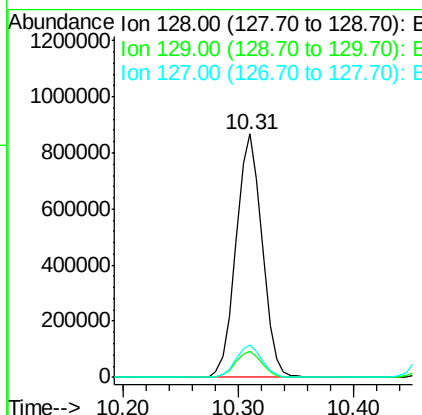
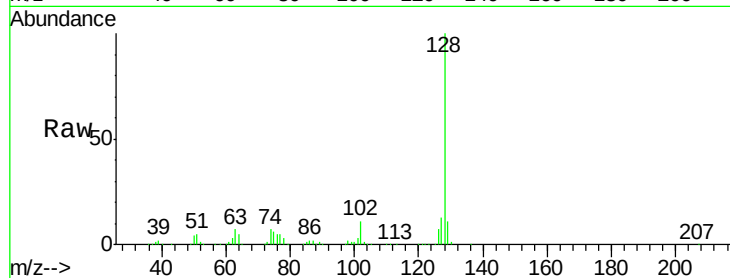
ClientSampled :

PB119063BS

Tgt Ion:	128	Resp:	1356019
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	13.2	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 33.113 ng

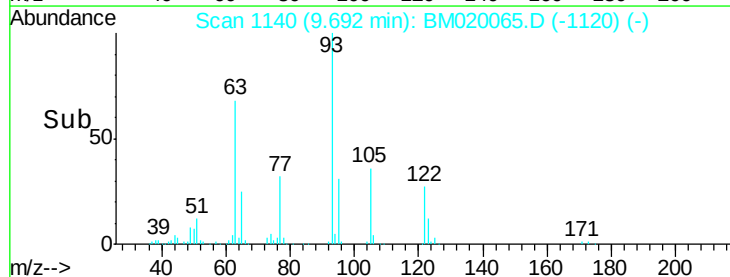
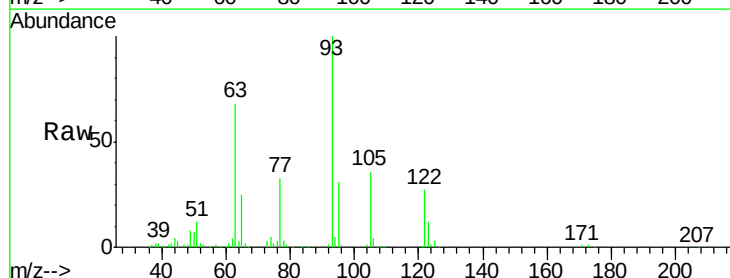
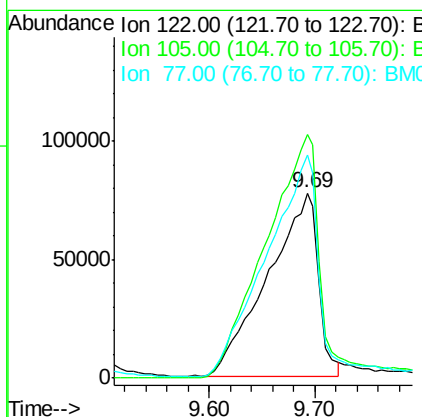
RT: 9.69 min Scan# 1140

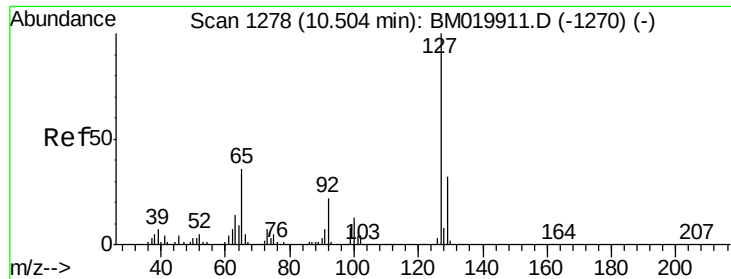
Delta R.T. 0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	122	Resp:	256860
Ion	Ratio	Lower	Upper
122	100		
105	131.4	114.8	154.8
77	120.1	100.2	140.2





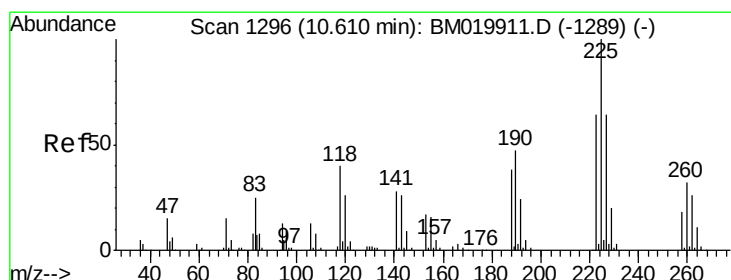
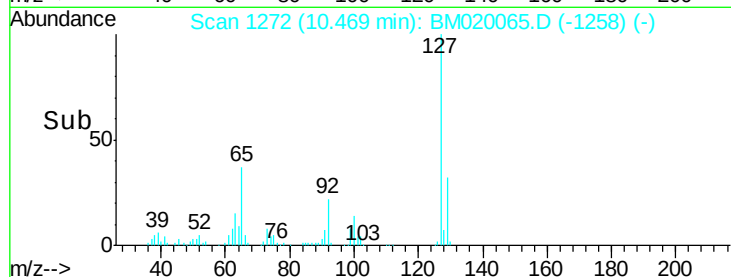
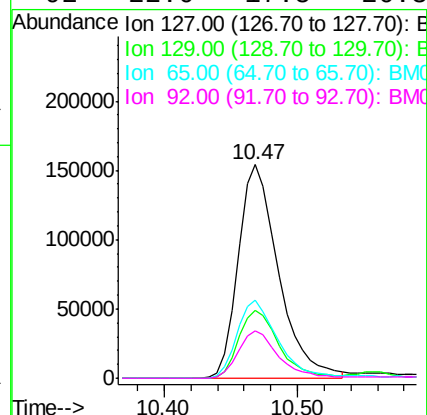
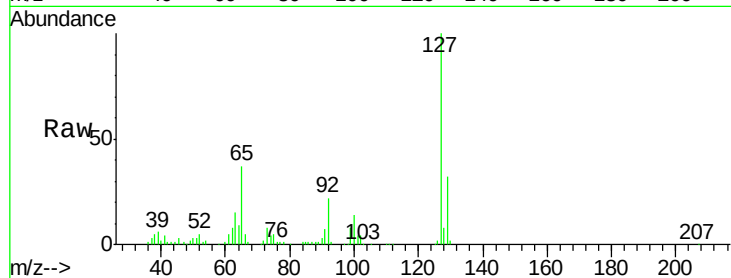
#33
4-Chloroaniline
Concen: 23.477 ng
RT: 10.47 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.8	25.4	38.0
65	36.6	29.2	43.8
92	22.0	17.5	26.3

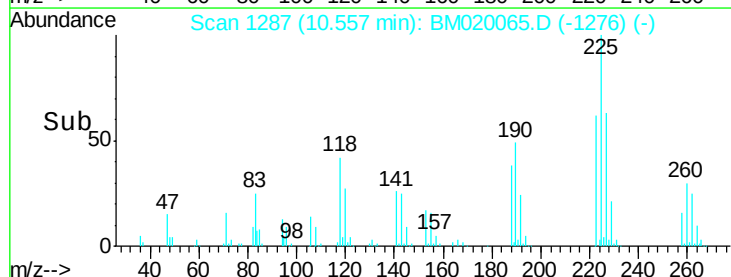
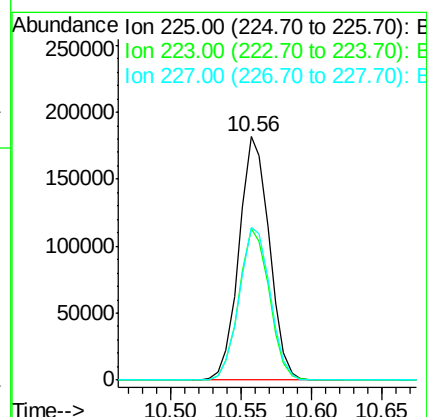
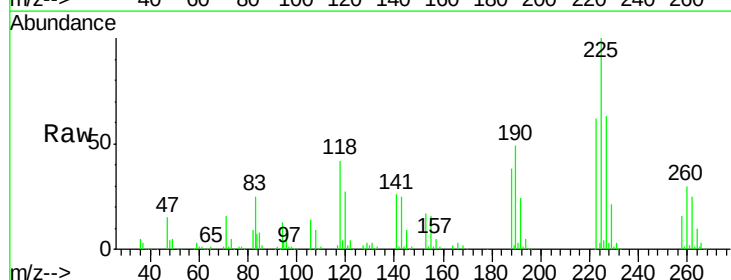
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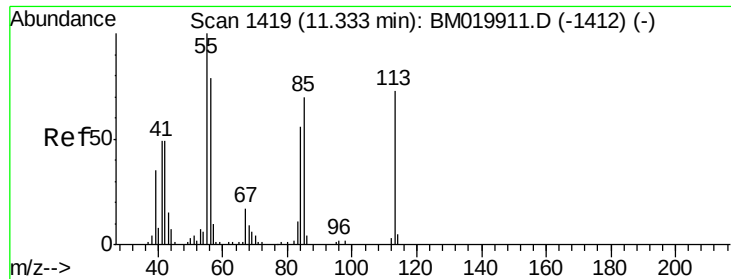
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#34
Hexachlorobutadiene
Concen: 43.482 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.04 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.1	51.4	77.2
227	62.8	51.0	76.6





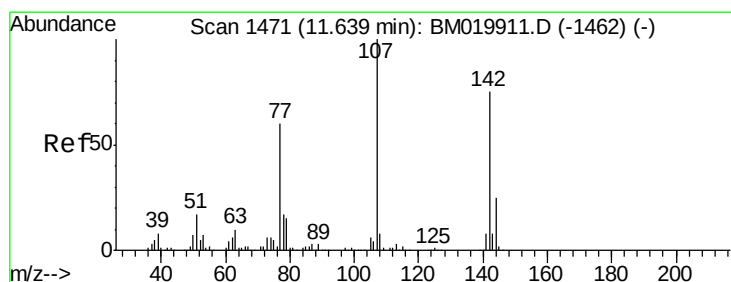
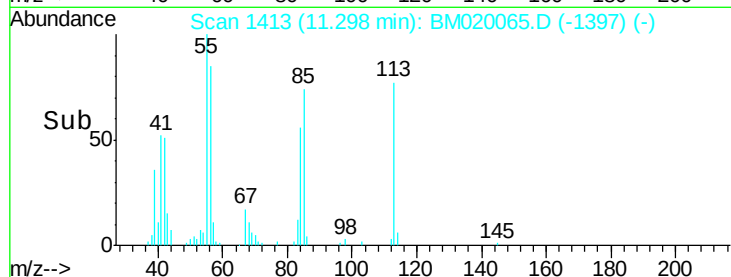
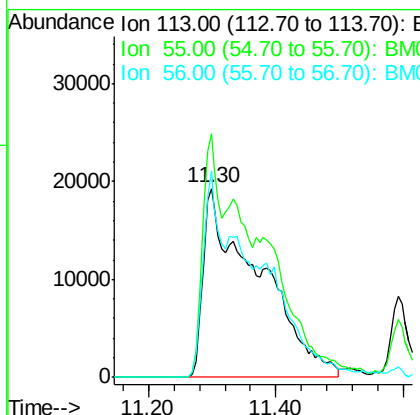
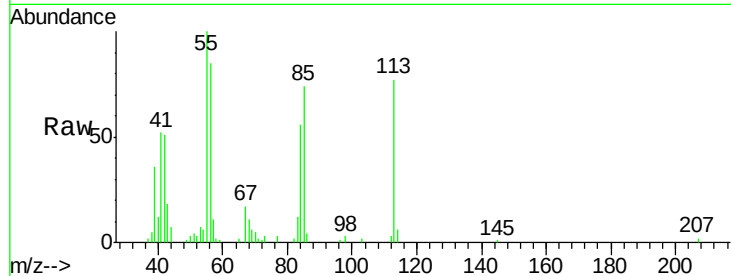
#35
 Caprolactam
 Concen: 31.080 ng m
 RT: 11.30 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tgt Ion:113 Resp: 116202
 Ion Ratio Lower Upper
 113 100
 55 129.1 117.1 157.1
 56 109.8 88.2 128.2

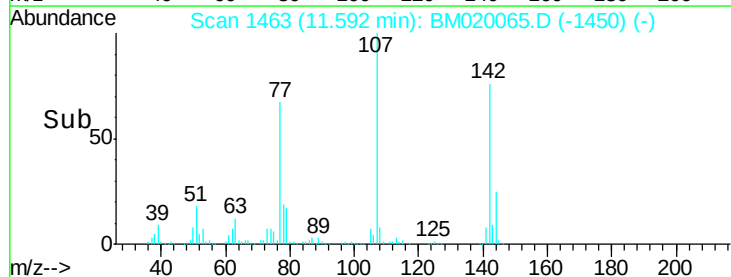
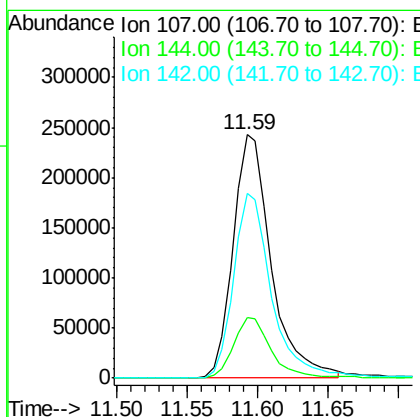
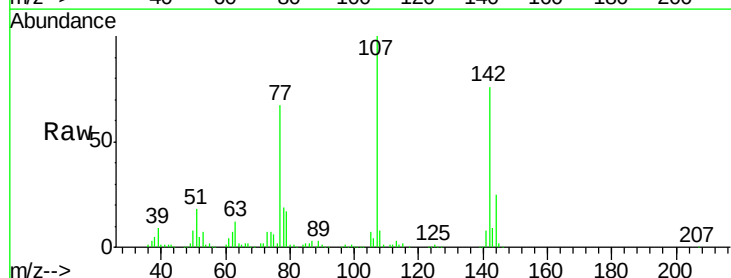
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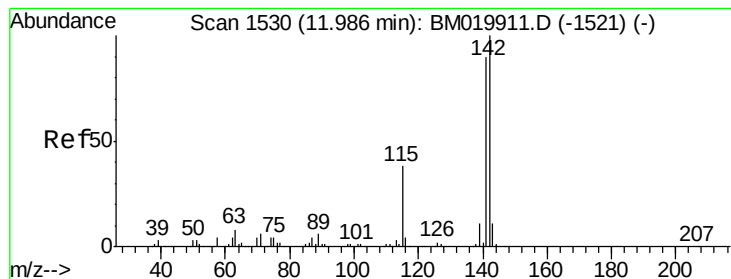
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#36
 4-Chloro-3-methylphenol
 Concen: 37.409 ng
 RT: 11.59 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:107 Resp: 459116
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.8 29.8
 142 76.0 60.3 90.5





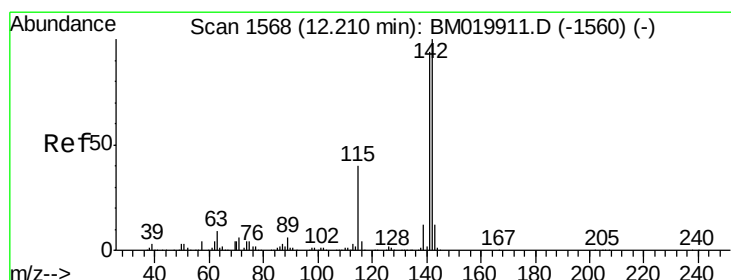
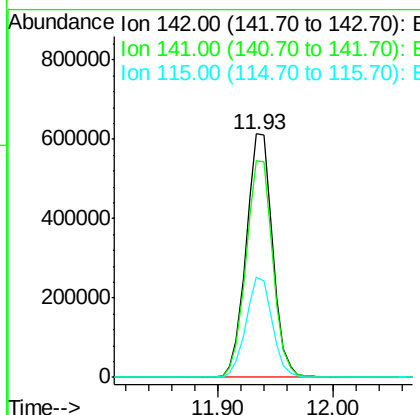
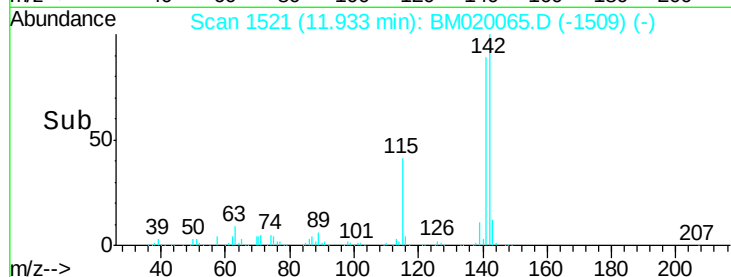
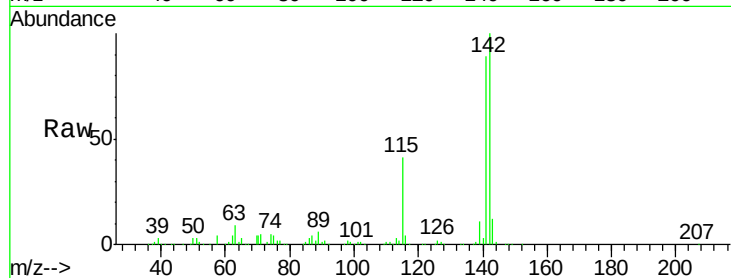
#37
 2-Methylnaphthalene
 Concen: 40.384 ng
 RT: 11.93 min Scan# 1521
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.3	108.5
115	41.4	30.5	45.7

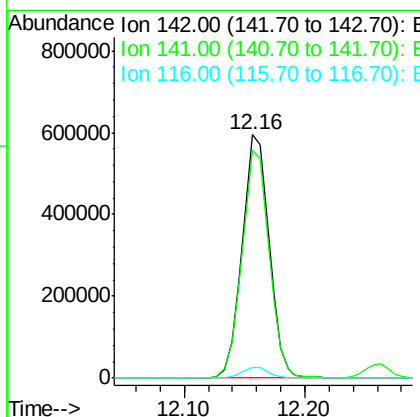
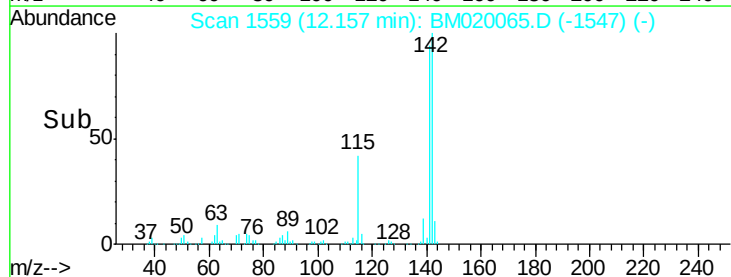
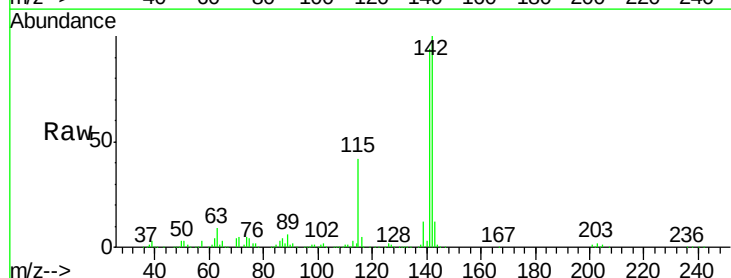
Manual Integrations
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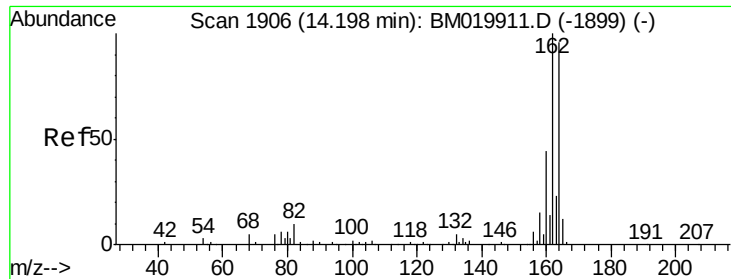
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#38
 1-Methylnaphthalene
 Concen: 38.882 ng
 RT: 12.16 min Scan# 1559
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.9	75.7	113.5
116	4.5	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

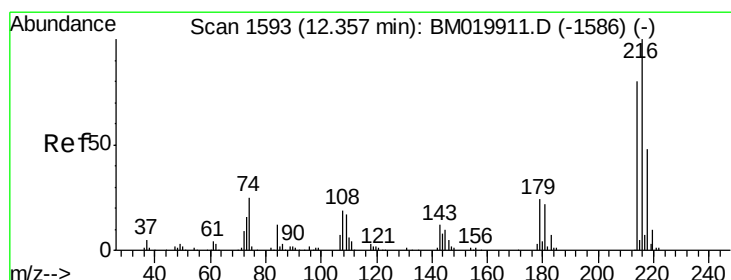
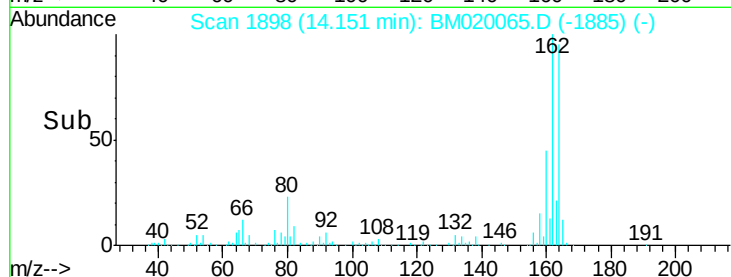
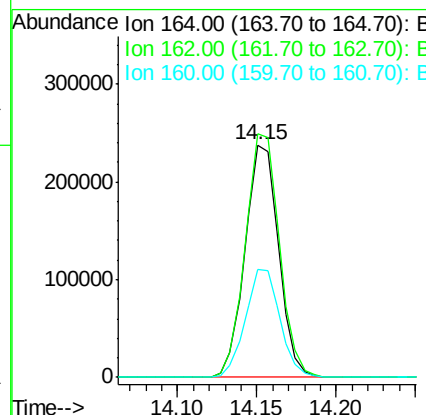
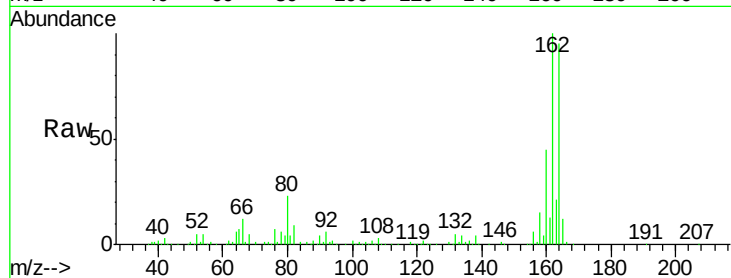
ClientSampleId :

PB119063BS

Tgt Ion:	164	Resp:	349102
Ion Ratio	Lower	Upper	
164	100		
162	104.9	83.0	124.4
160	46.8	36.6	55.0

Manual Integrations
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.936 ng

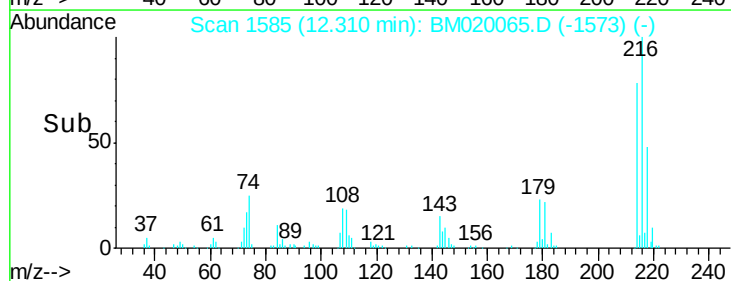
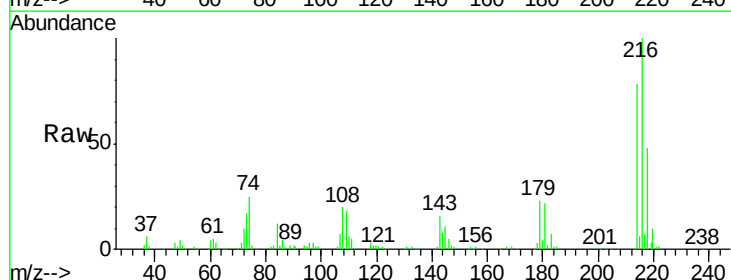
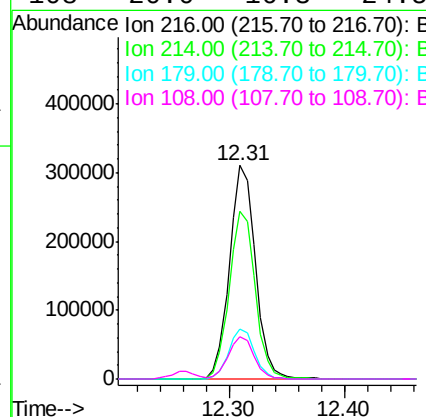
RT: 12.31 min Scan# 1585

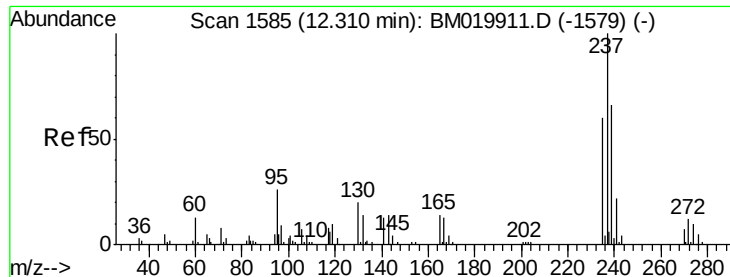
Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	216	Resp:	483941
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.1	94.7
179	23.3	19.0	28.6
108	20.0	16.3	24.5





#41

Hexachlorocyclopentadiene

Concen: 92.320 ng

RT: 12.26 min Scan# 1577

Delta R.T. -0.03 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

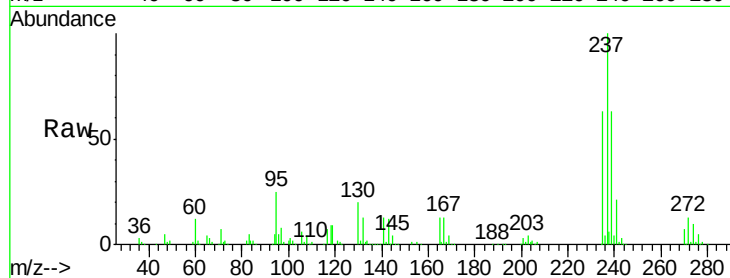
ClientSampleId :

PB119063BS

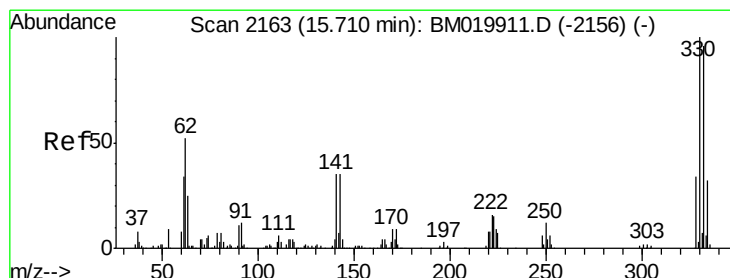
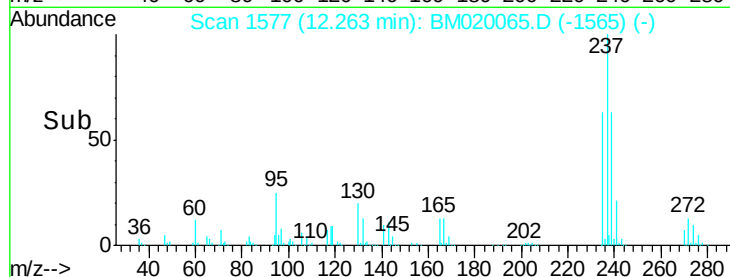
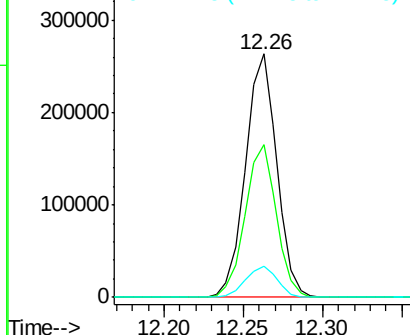
Tgt Ion:	237	Resp:	360020
Ion Ratio		Lower	Upper
237	100		
235	62.7	40.4	80.4
272	13.0	0.0	32.3

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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: 133.263 ng

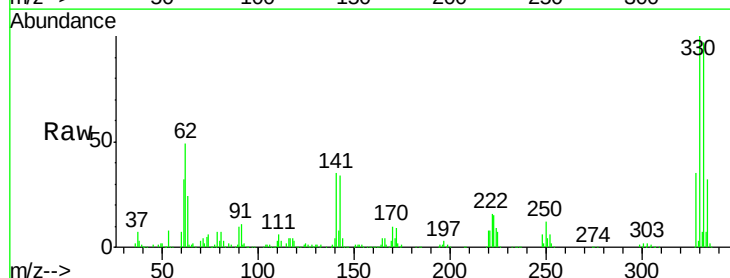
RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

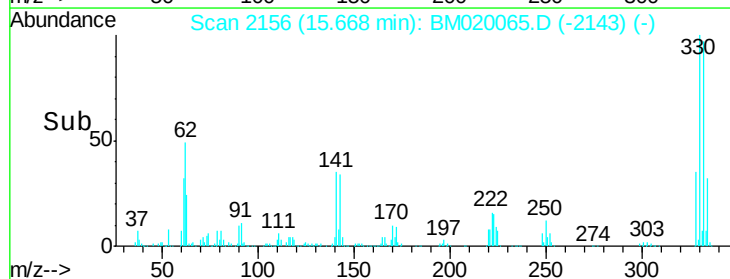
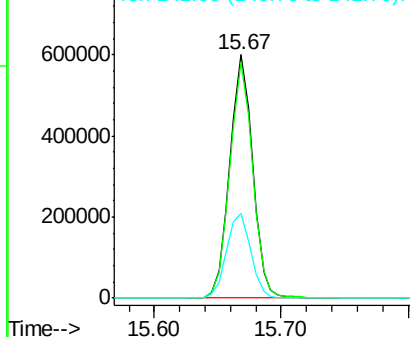
Lab File: BM020065.D

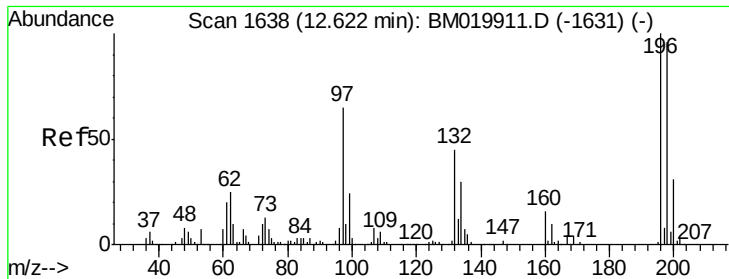
Acq: 24 Apr 2019 15:26

Tgt Ion:	330	Resp:	748879
Ion Ratio		Lower	Upper
330	100		
332	96.6	77.4	116.2
141	37.1	29.0	43.4



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





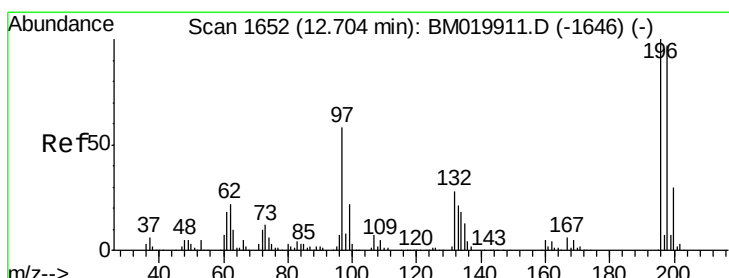
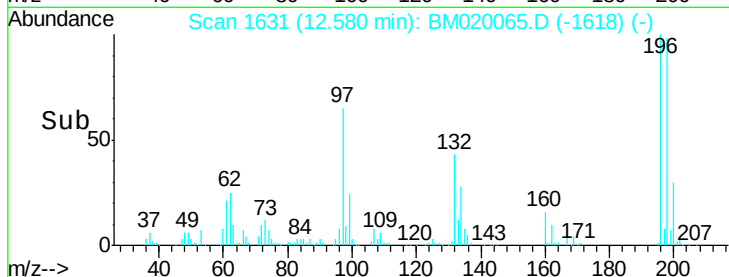
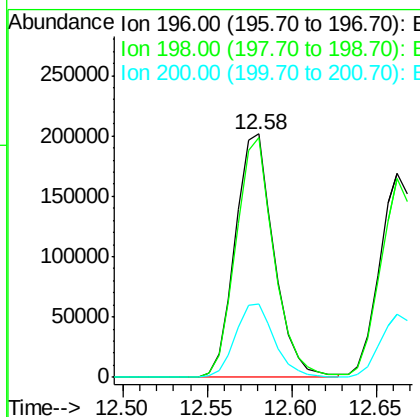
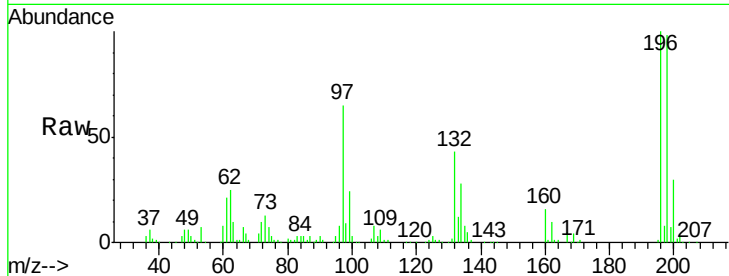
#43
 2,4,6-Trichlorophenol
 Concen: 44.172 ng
 RT: 12.58 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampled :
 PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	322521		
198	98.3	76.8	115.2	
200	30.4	24.6	37.0	

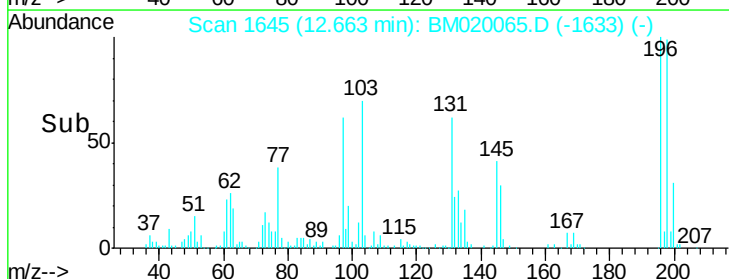
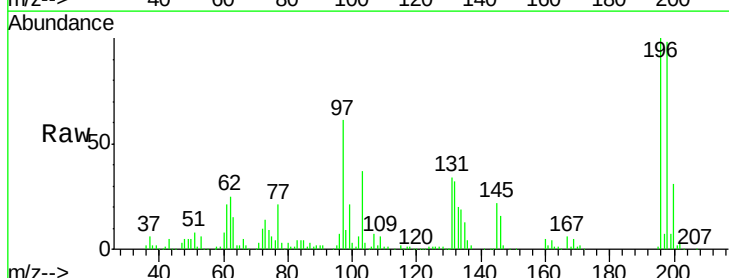
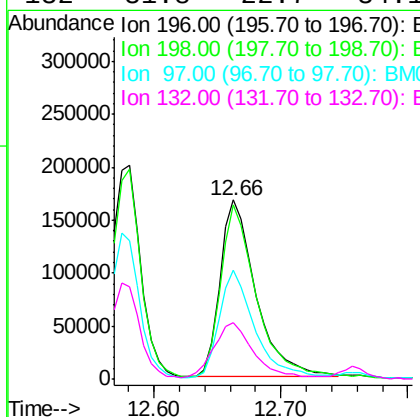
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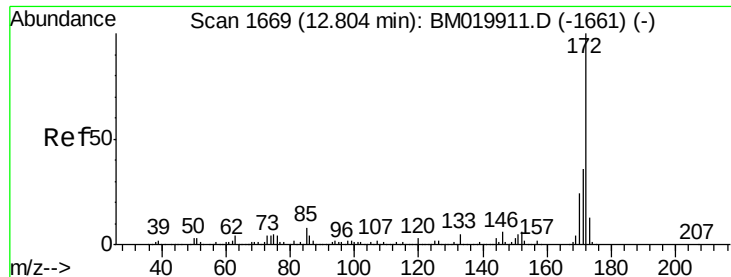
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 42.883 ng
 RT: 12.66 min Scan# 1645
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	325879		
198	97.8	77.8	116.8	
97	60.7	46.2	69.2	
132	31.8	22.7	34.1	





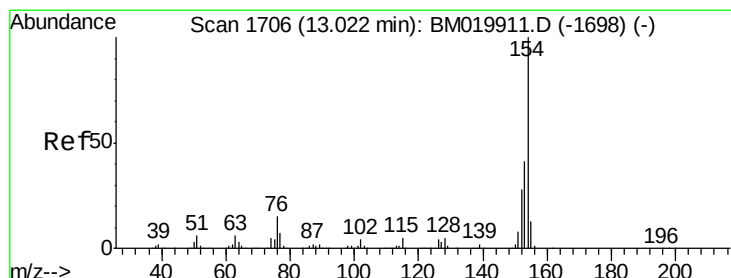
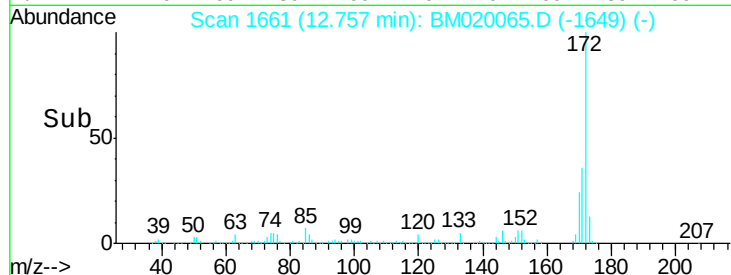
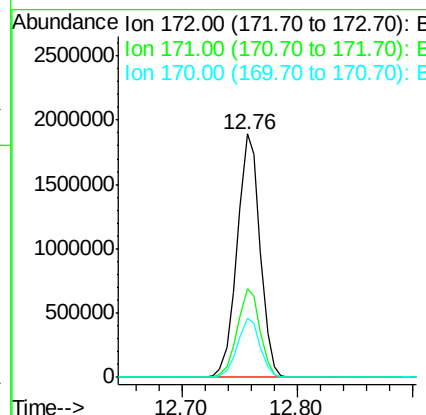
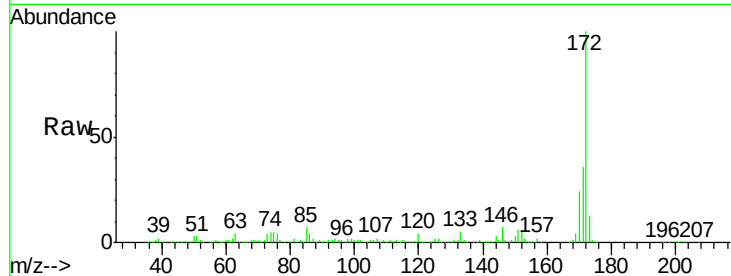
#45
 2-Fluorobiphenyl
 Concen: 92.470 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tgt Ion:172 Resp: 2590336
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.2 19.0 28.4

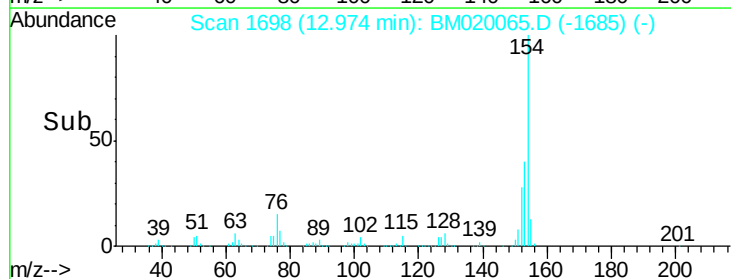
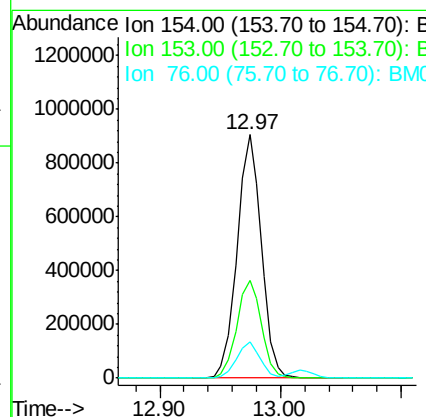
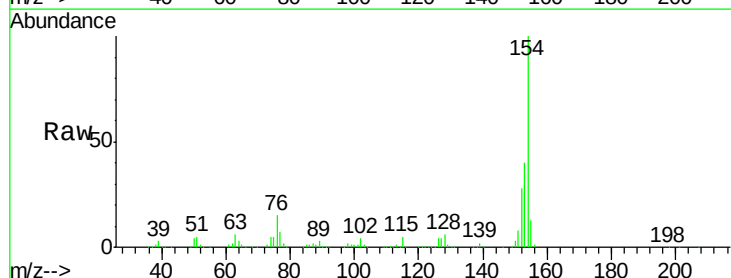
Manual Integrations
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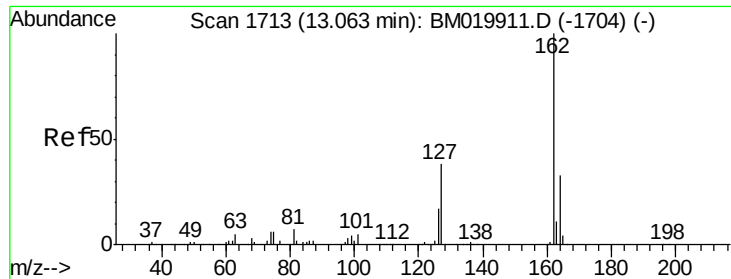
Sohil
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#46
 1,1'-Biphenyl
 Concen: 41.775 ng
 RT: 12.97 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:154 Resp: 1263139
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.0 61.0
 76 14.7 0.0 34.8





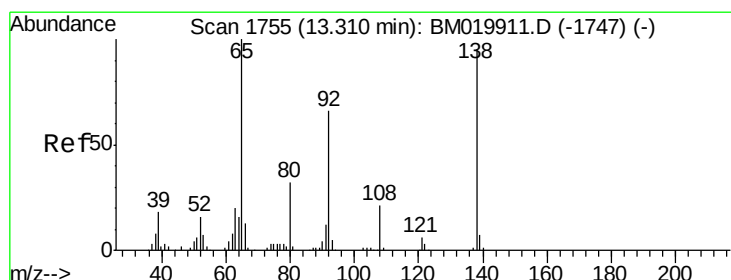
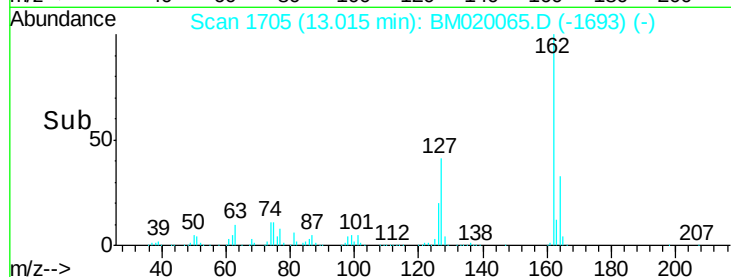
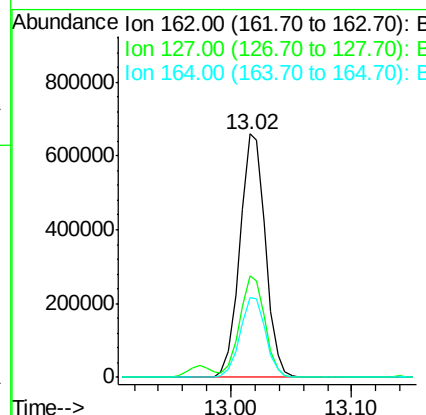
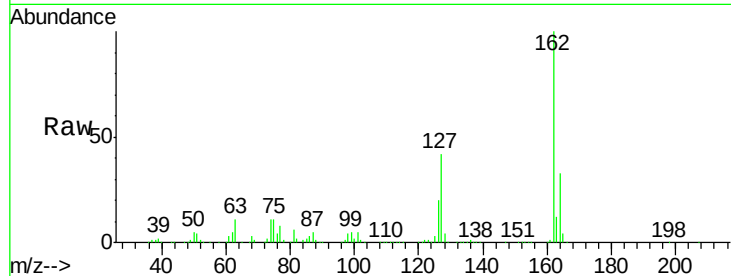
#47
2-Chloronaphthalene
Concen: 42.259 ng
RT: 13.02 min Scan# 1705
Delta R.T. -0.03 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.3	48.5
164	32.7	26.3	39.5

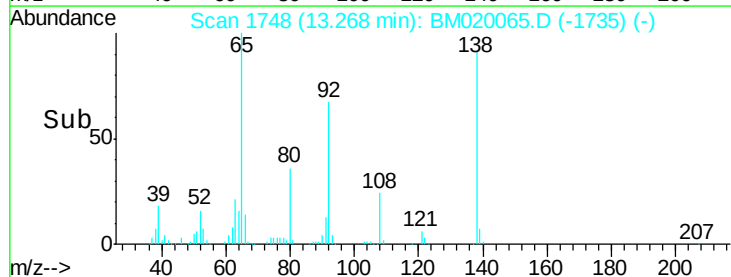
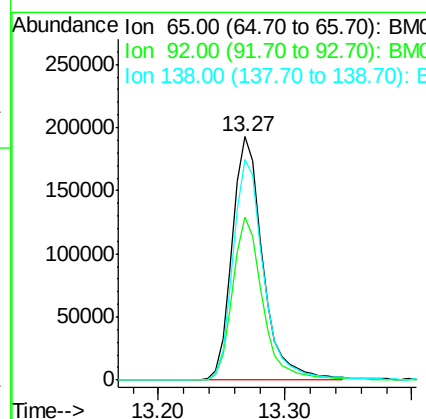
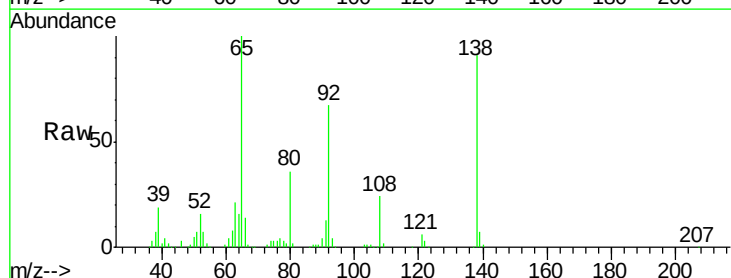
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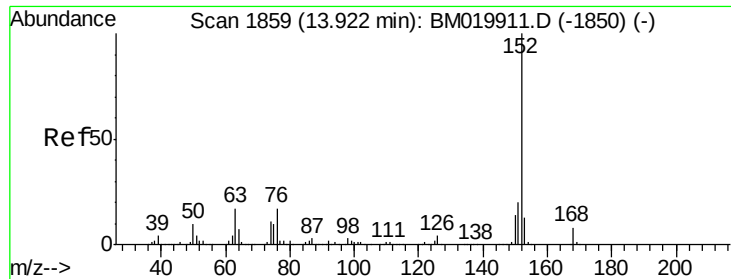
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#48
2-Nitroaniline
Concen: 38.834 ng
RT: 13.27 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	52.9	79.3
138	90.6	75.8	113.6





#49

Acenaphthylene

Concen: 39.131 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

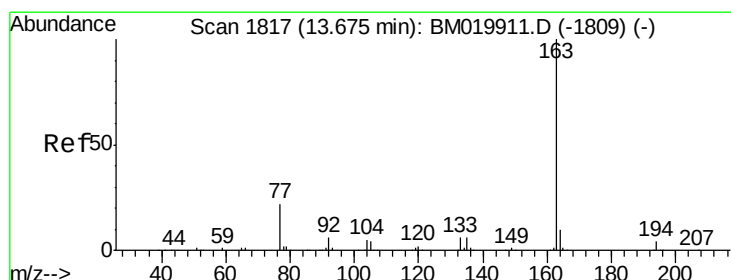
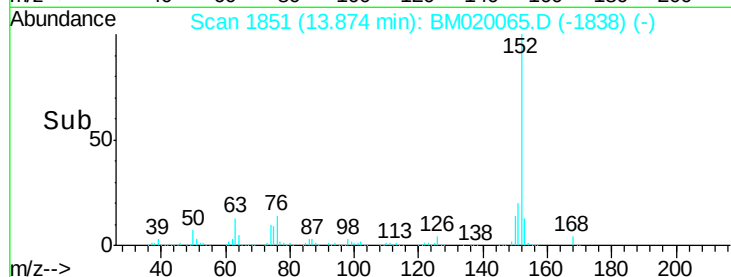
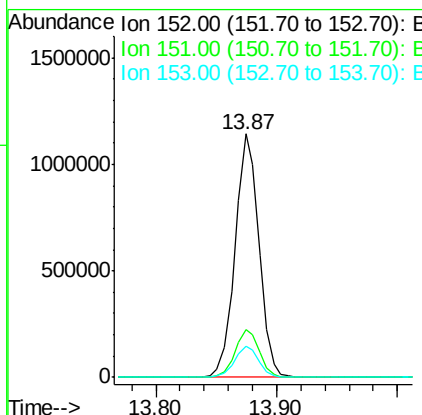
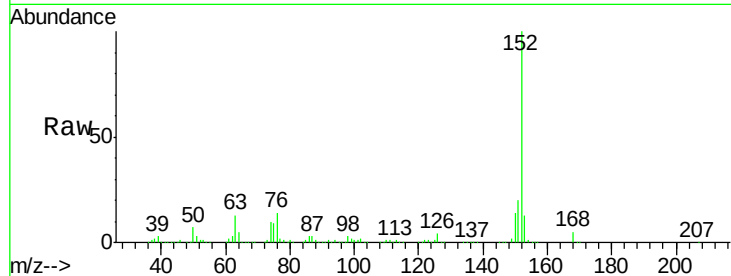
ClientSampleId :

PB119063BS

Tgt Ion:	152	Resp:	1570290
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.2
153	13.0	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 39.766 ng

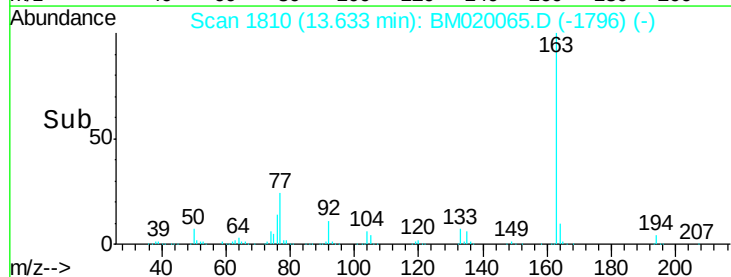
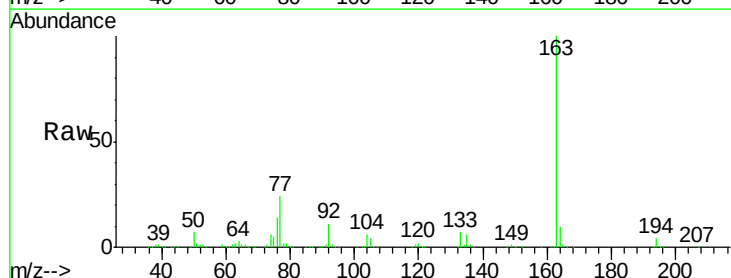
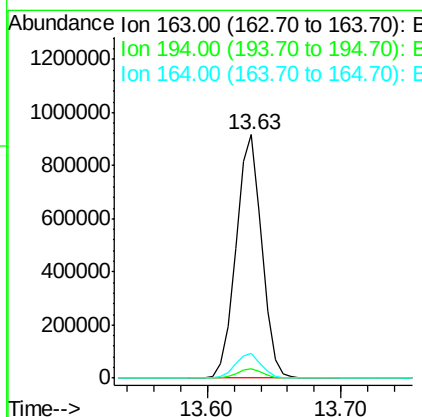
RT: 13.63 min Scan# 1810

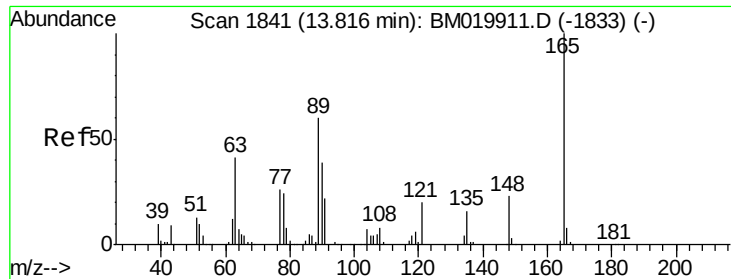
Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	163	Resp:	1224513
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.1	4.7
164	10.1	7.9	11.9





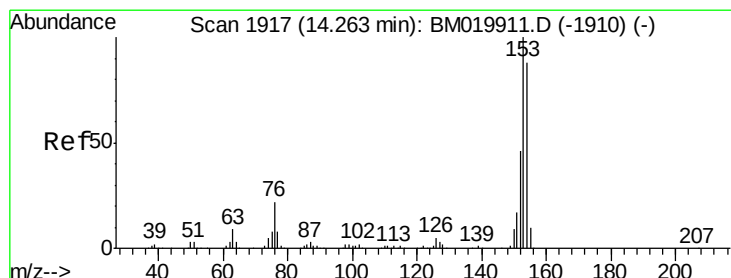
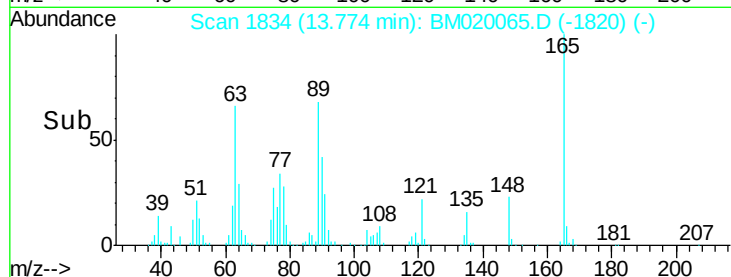
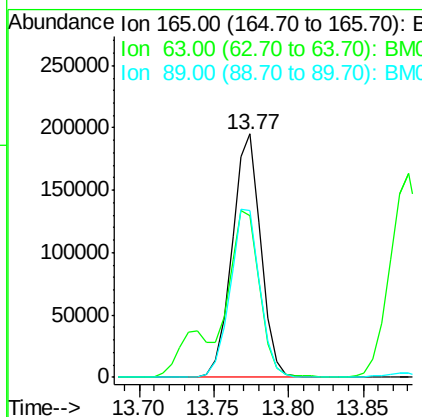
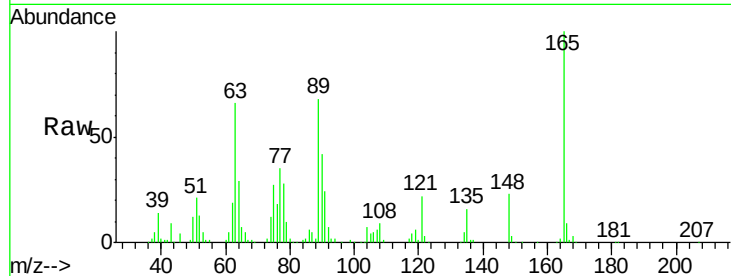
#51
 2,6-Dinitrotoluene
 Concen: 38.249 ng
 RT: 13.77 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampled :
 PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	260446		
63	66.2	48.5	72.7	
89	68.5	48.2	72.4	

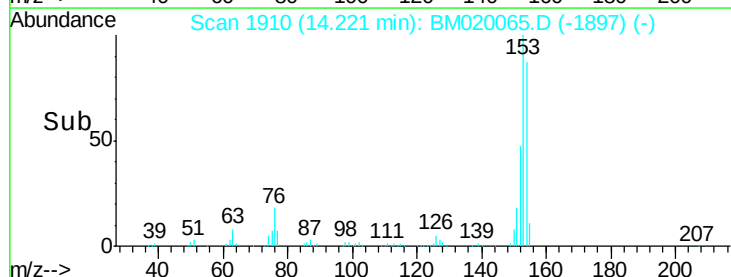
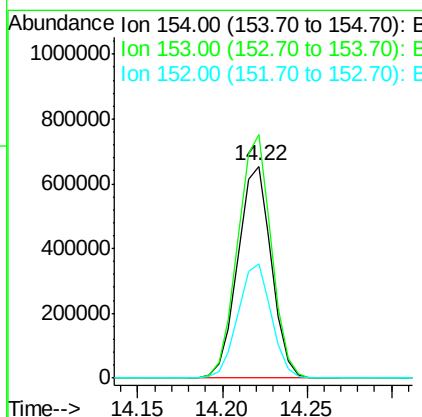
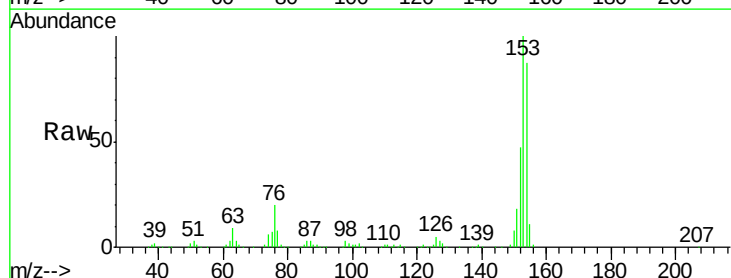
Manual Integrations
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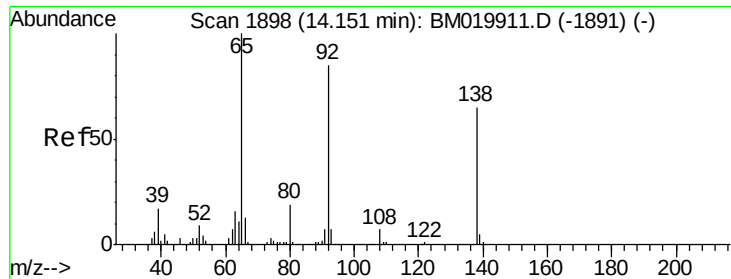
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#52
 Acenaphthene
 Concen: 40.657 ng
 RT: 14.22 min Scan# 1910
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	904620		
153	114.9	91.0	136.4	
152	53.9	42.2	63.2	





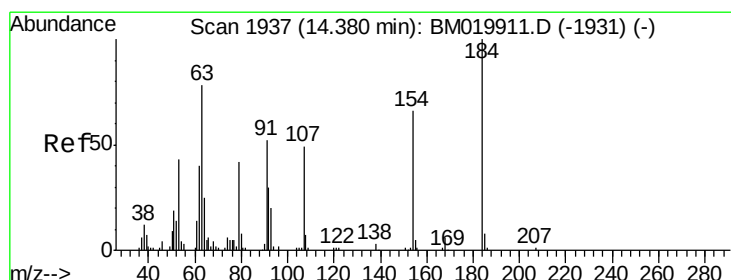
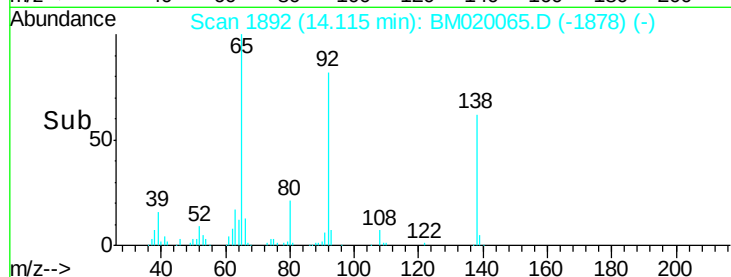
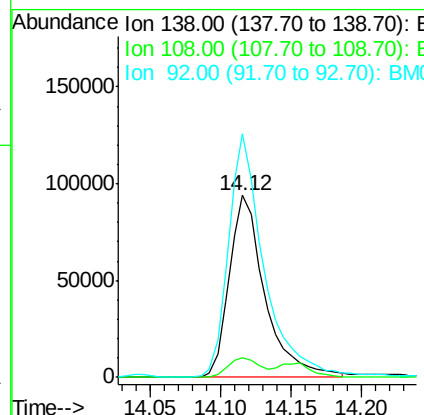
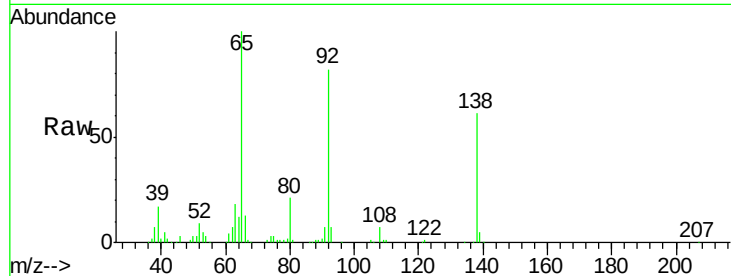
#53
 3-Nitroaniline
 Concen: 24.390 ng
 RT: 14.12 min Scan# 1892
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	165832		
108	10.9	8.9	13.3	
92	133.8	103.8	155.8	

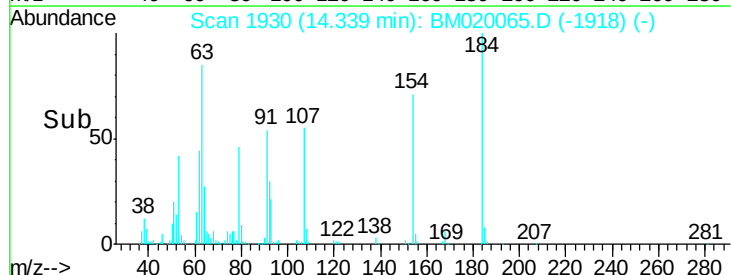
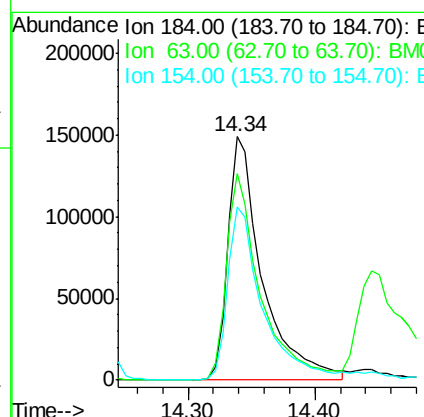
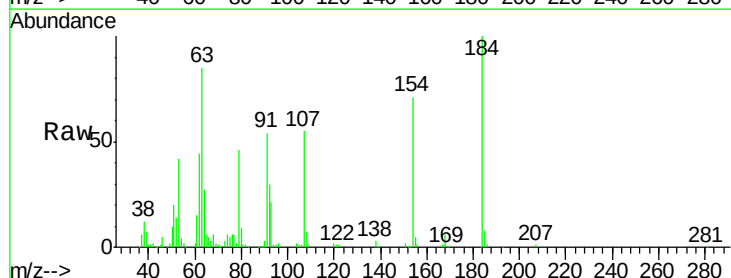
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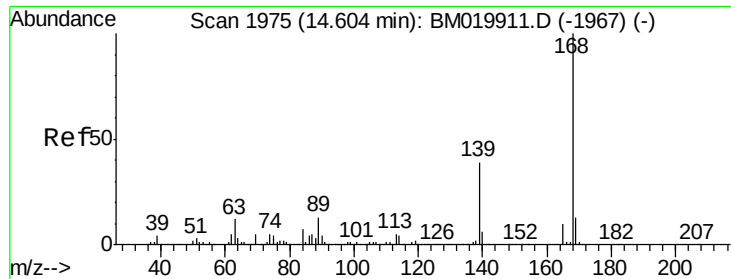
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#54
 2,4-Dinitrophenol
 Concen: 70.047 ng
 RT: 14.34 min Scan# 1930
 Delta R.T. -0.03 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	280646		
63	84.7	62.3	93.5	
154	71.4	53.0	79.6	





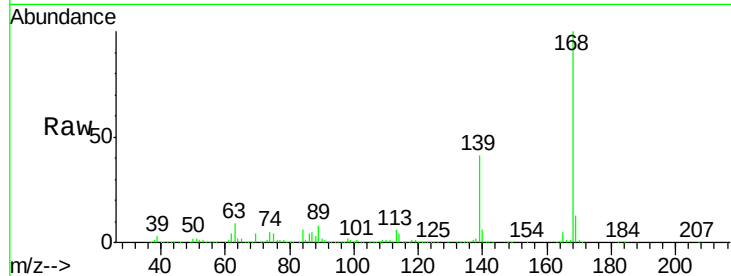
#55
Dibenzenofuran
Concen: 40.025 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampled :
PB119063BS

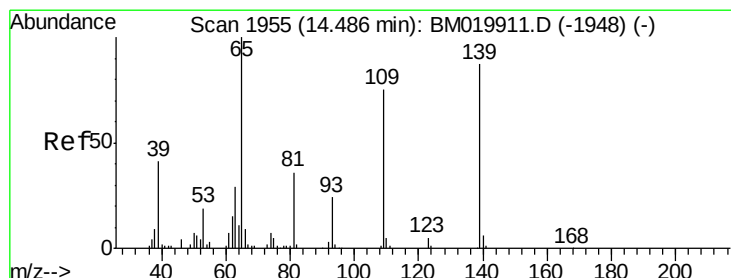
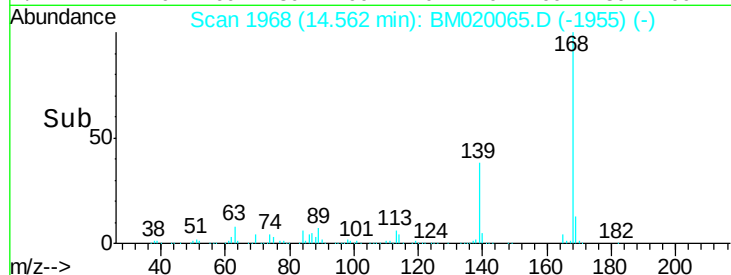
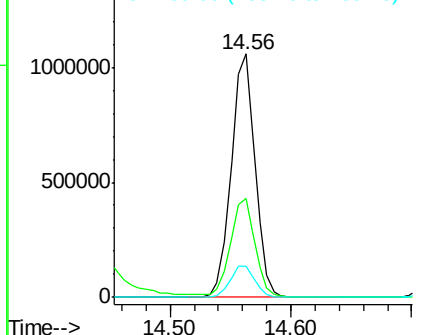
Tgt Ion:168 Resp: 1456288
Ion Ratio Lower Upper
168 100
139 40.6 31.5 47.3
169 13.0 10.6 16.0

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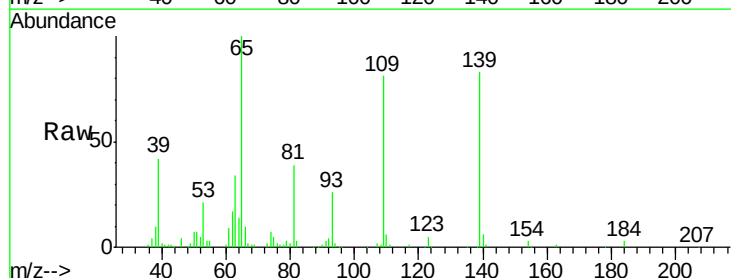


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

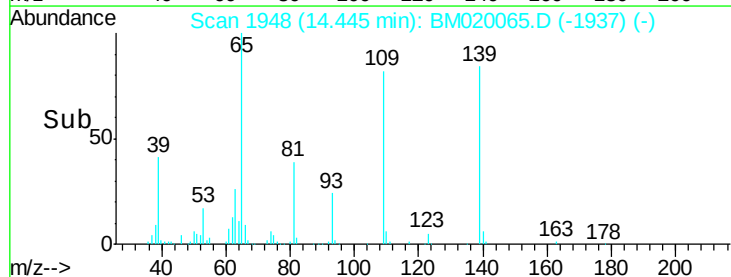
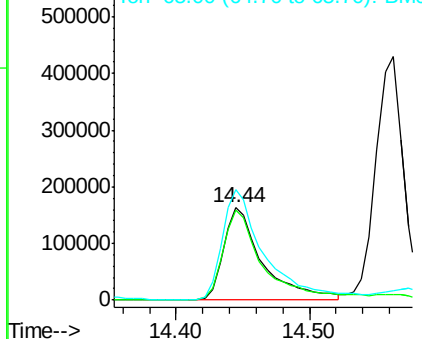


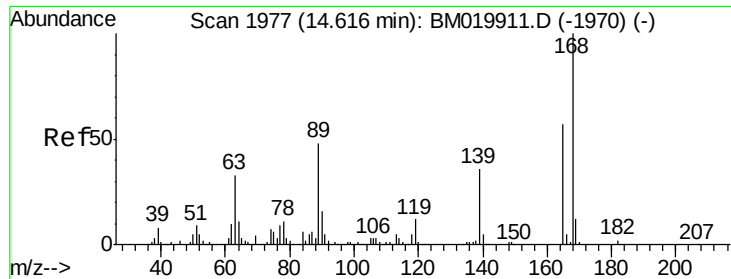
#56
4-Nitrophenol
Concen: 64.101 ng
RT: 14.44 min Scan# 1948
Delta R.T. -0.04 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:139 Resp: 337159
Ion Ratio Lower Upper
139 100
109 97.3 65.3 105.3
65 120.3 94.9 134.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0





#57

2,4-Dinitrotoluene

Concen: 36.901 ng

RT: 14.58 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BM020065.D

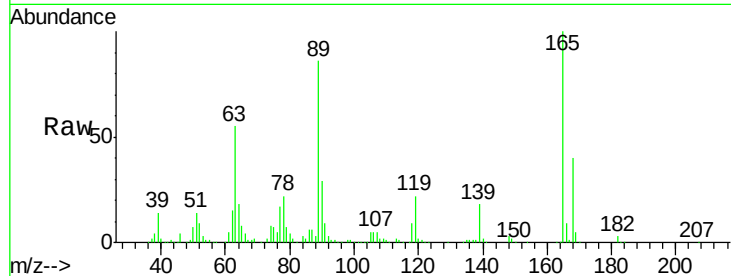
Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB119063BS



Tgt Ion:165 Resp: 361185

Ion Ratio Lower Upper

165 100

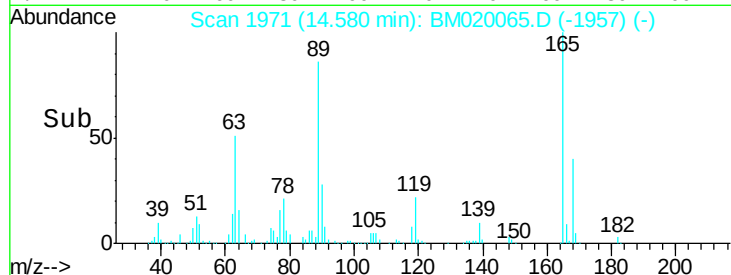
63 55.2 46.0 69.0

89 85.9 67.5 101.3

182 2.8 2.4 3.6

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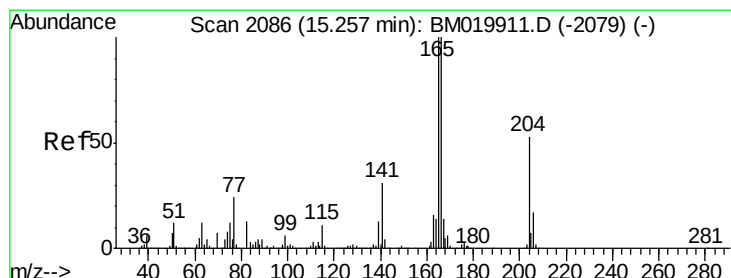
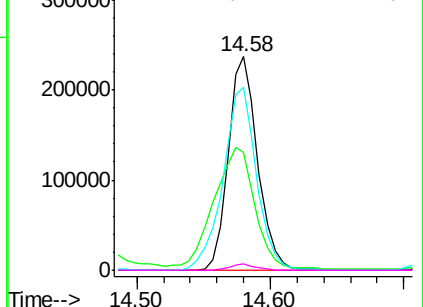


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.427 ng

RT: 15.22 min Scan# 2079

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

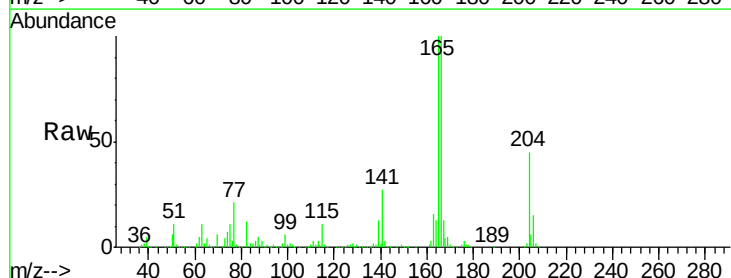
Tgt Ion:166 Resp: 1215561

Ion Ratio Lower Upper

166 100

165 99.5 80.1 120.1

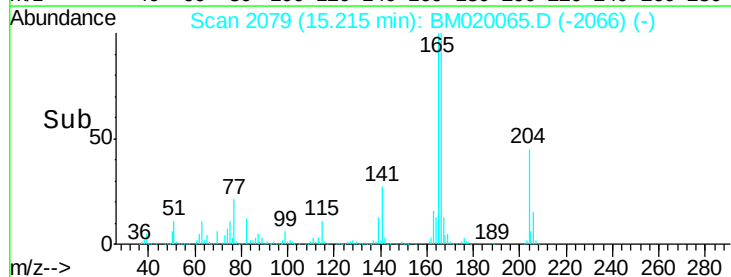
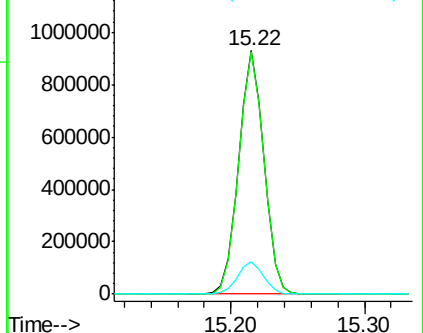
167 13.3 11.0 16.4

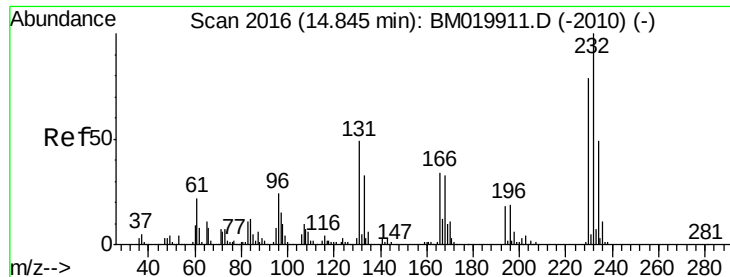


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





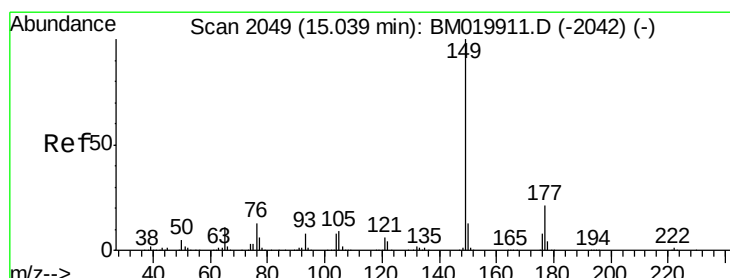
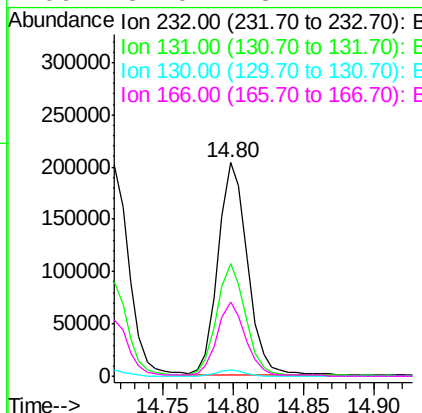
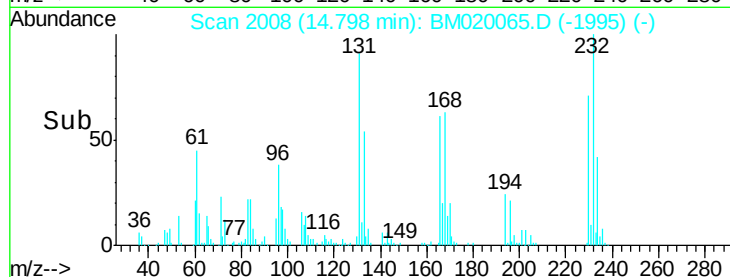
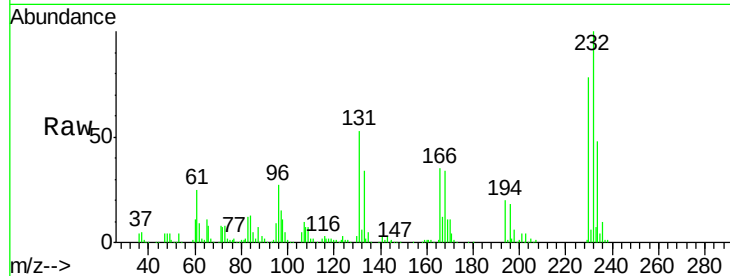
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.234 ng
RT: 14.80 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	292844		
131	52.0	42.1	63.1	
130	3.1	2.2	3.4	
166	34.0	28.1	42.1	

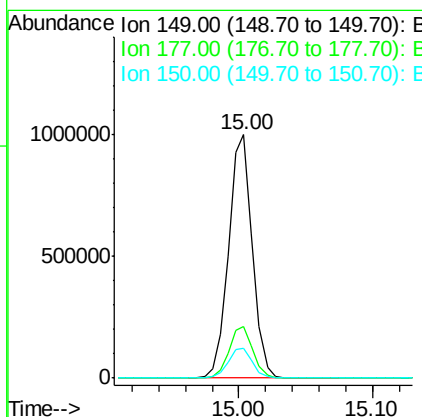
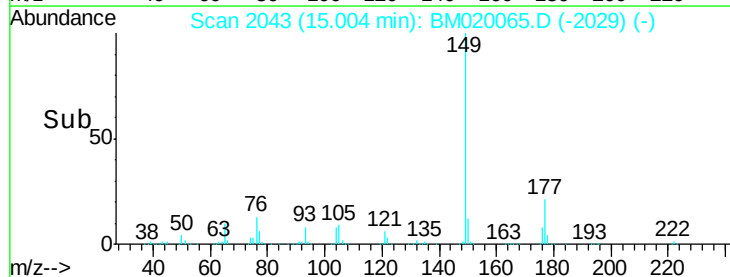
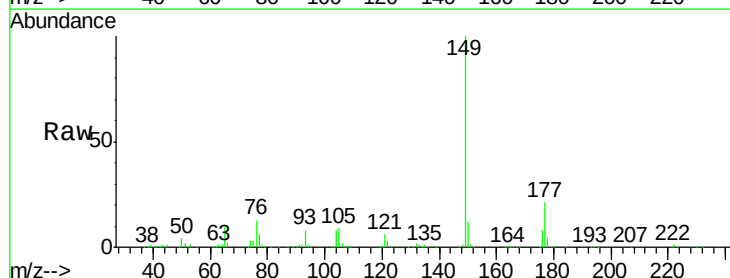
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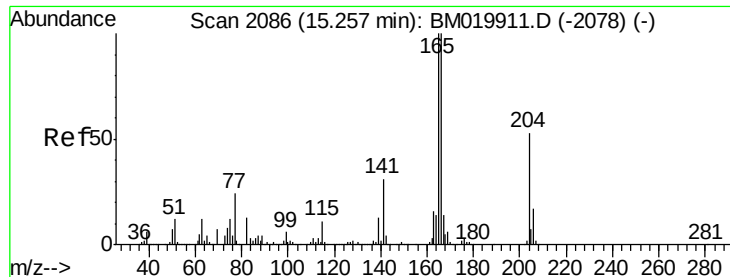
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#60
Diethylphthalate
Concen: 38.904 ng
RT: 15.00 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1245940		
177	21.4	16.6	25.0	
150	12.3	10.0	15.0	





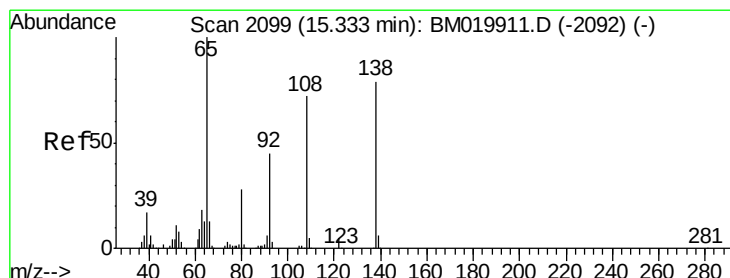
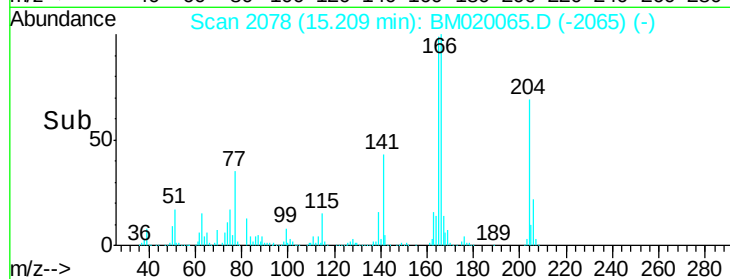
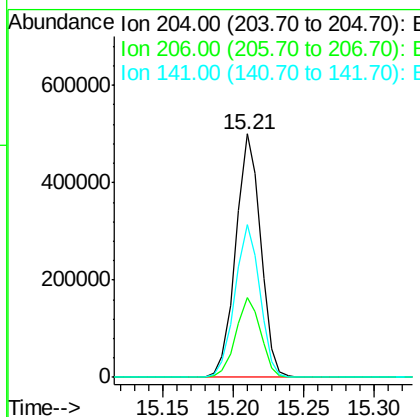
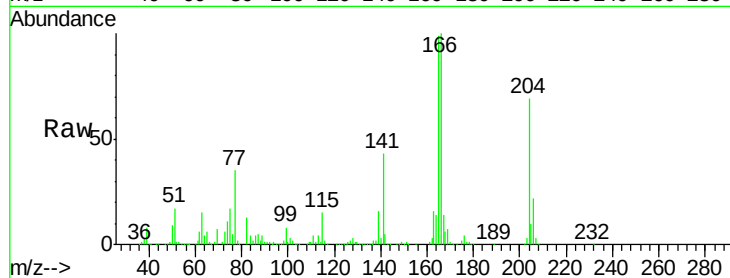
#61
 4-Chlorophenyl-phenylether
 Concen: 41.469 ng
 RT: 15.21 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	615563		
206	32.5	25.8	38.8	
141	62.7	47.0	70.4	

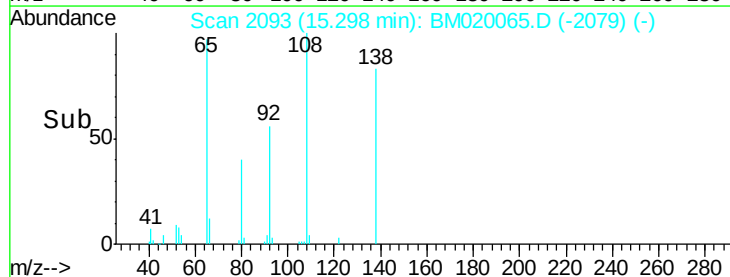
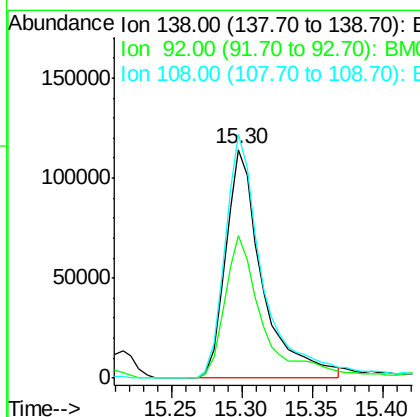
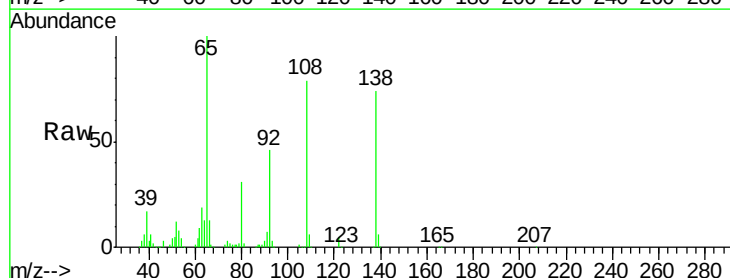
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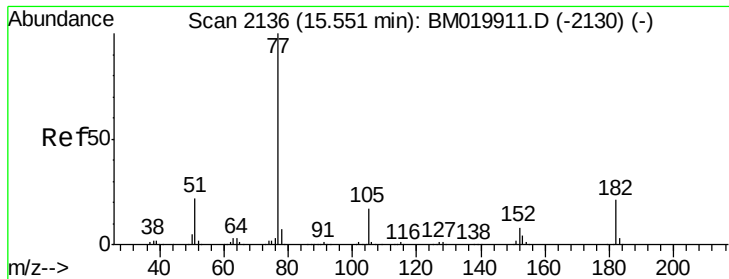
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#62
 4-Nitroaniline
 Concen: 30.684 ng
 RT: 15.30 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	205548		
92	62.1	36.8	76.8	
108	106.4	71.5	111.5	





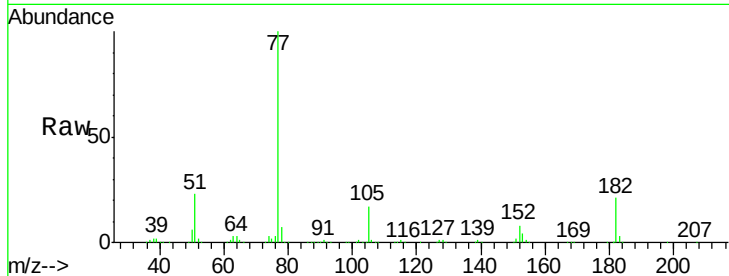
#63
Azobenzene
Concen: 40.174 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.9	1.0	41.0	
105	16.8	0.0	37.1	
51	22.5	2.1	42.1	

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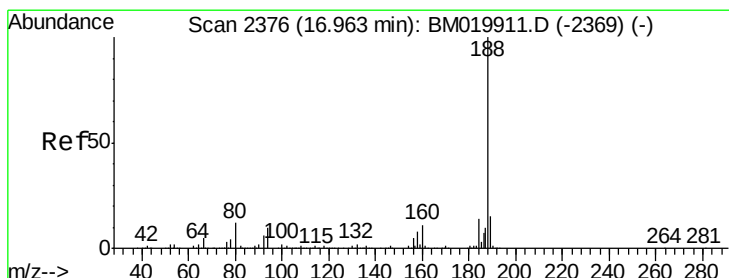
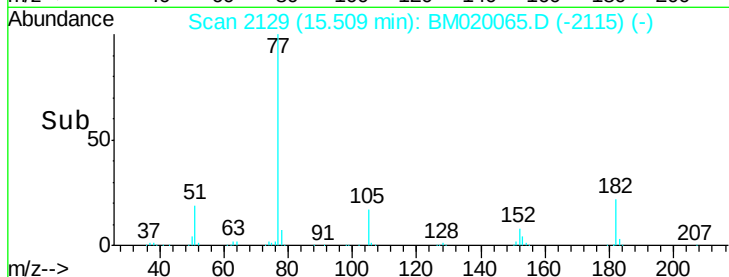
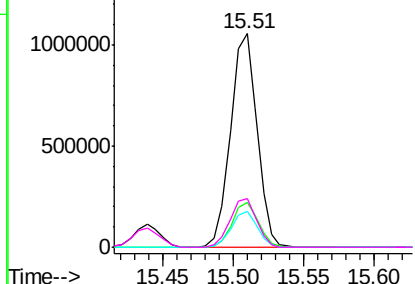


Abundance Ion 77.00 (76.70 to 77.70): BM020065.D (-2130) (-)

Ion 182.00 (181.70 to 182.70): BM020065.D (-2130) (-)

Ion 105.00 (104.70 to 105.70): BM020065.D (-2130) (-)

Ion 51.00 (50.70 to 51.70): BM020065.D (-2130) (-)



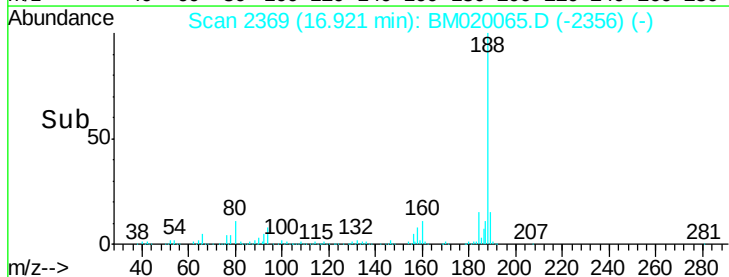
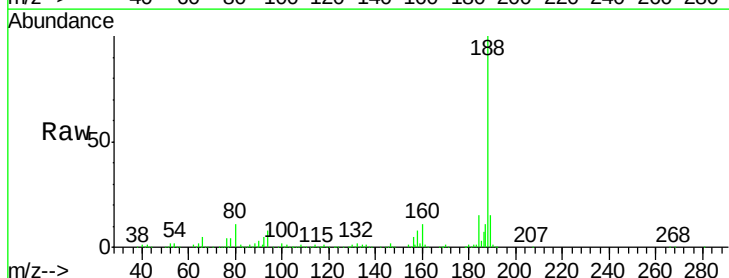
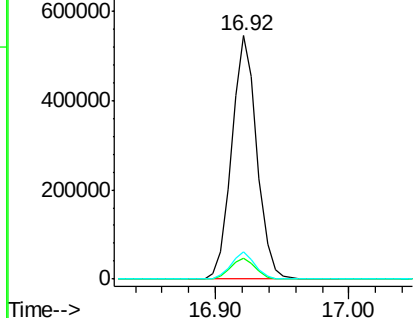
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.92 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

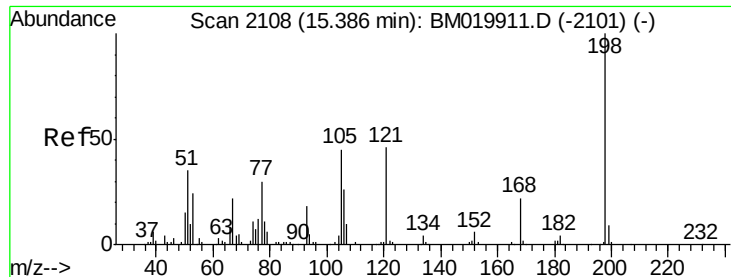
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	7.6	11.4	
80	11.2	9.4	14.0	

Abundance Ion 188.00 (187.70 to 188.70): BM019911.D (-2369) (-)

Ion 94.00 (93.70 to 94.70): BM019911.D (-2369) (-)

Ion 80.00 (79.70 to 80.70): BM019911.D (-2369) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 36.661 ng

RT: 15.35 min Scan# 2102

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

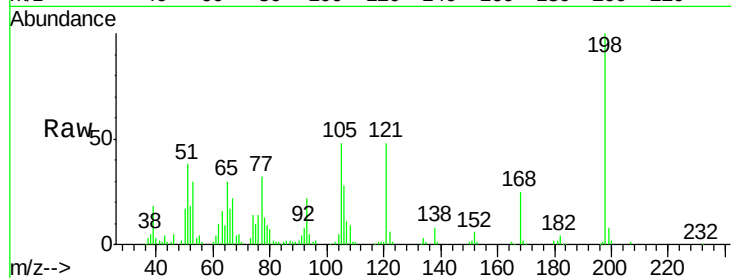
ClientSampled :

PB119063BS

Tgt Ion:	198	Resp:	167339
Ion Ratio	Lower	Upper	
198	100		
51	37.5	17.9	57.9
105	48.1	26.1	66.1

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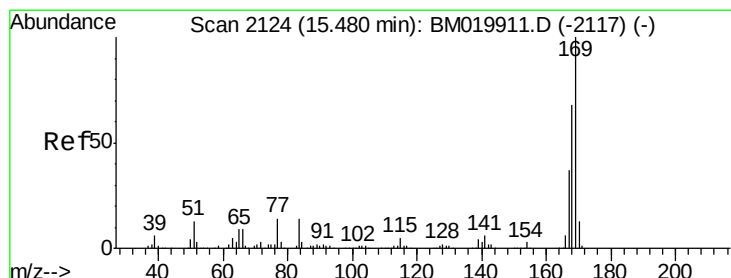
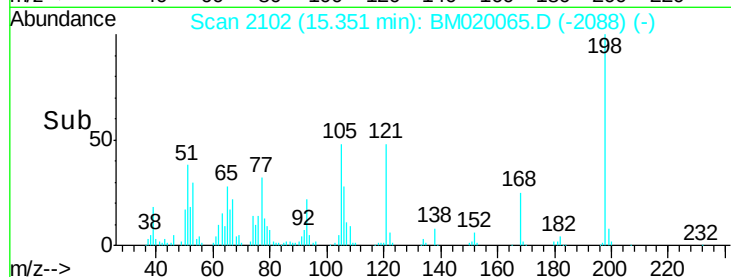
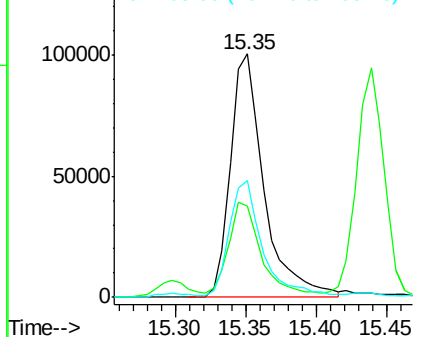
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.106 ng

RT: 15.44 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BM020065.D

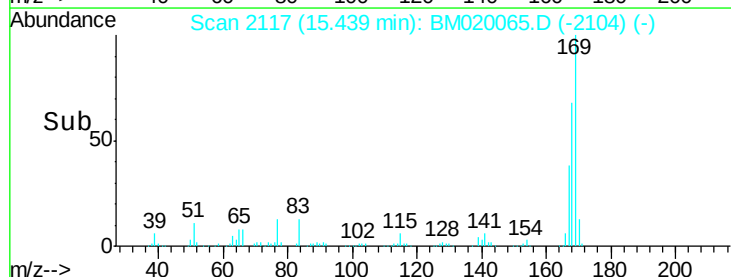
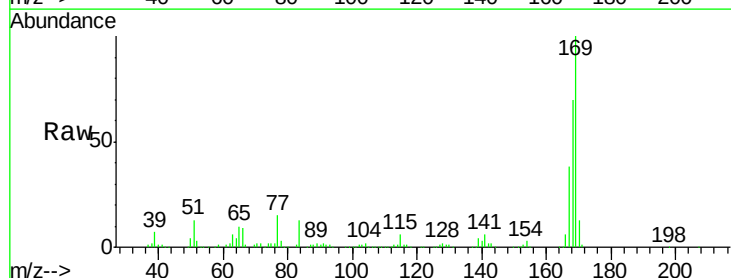
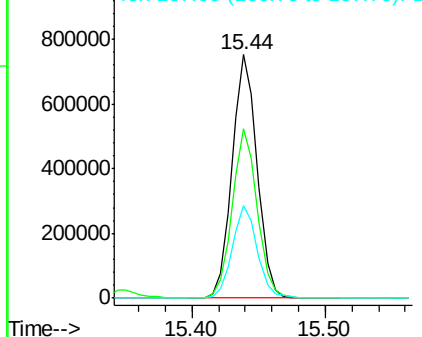
Acq: 24 Apr 2019 15:26

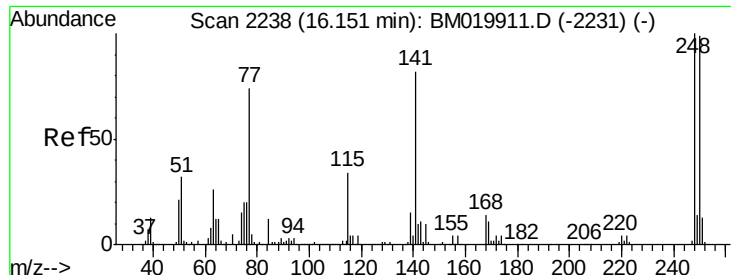
Tgt Ion:	169	Resp:	984803
Ion Ratio	Lower	Upper	
169	100		
168	69.6	54.7	82.1
167	38.1	29.4	44.0

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





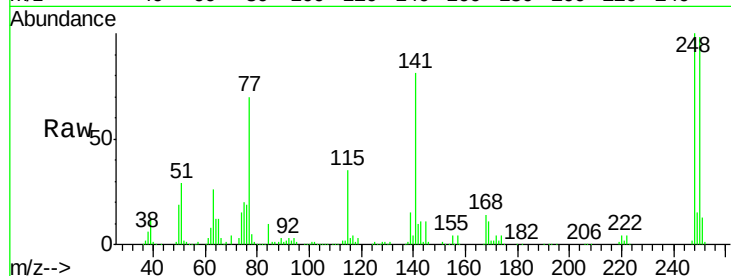
#67
 4-Bromophenyl-phenylether
 Concen: 42.048 ng
 RT: 16.11 min Scan# 2231
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

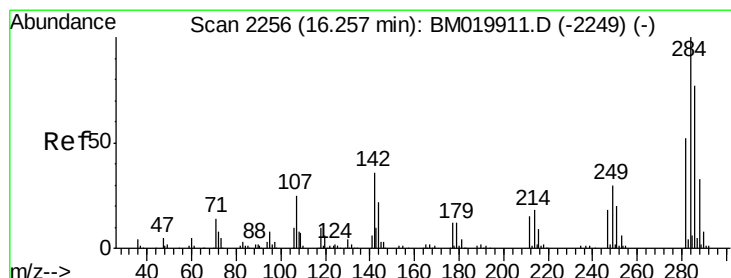
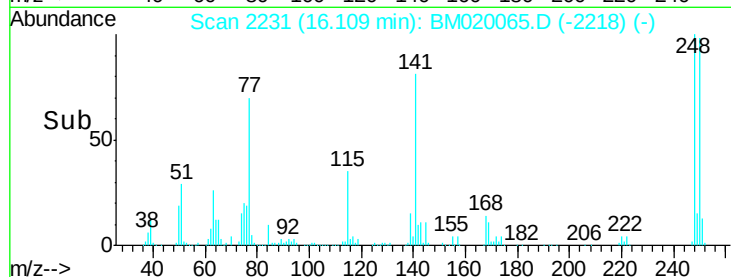
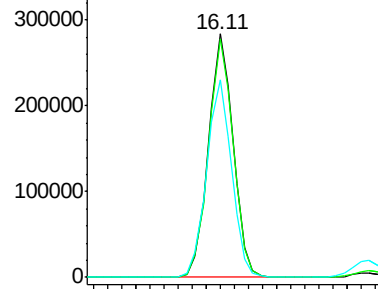
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	345849		
250	97.9	78.9	118.3	
141	81.0	65.6	98.4	

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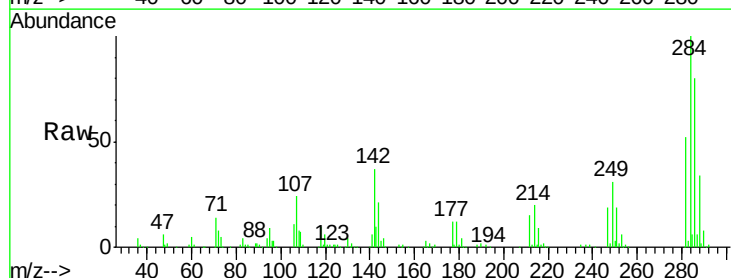


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

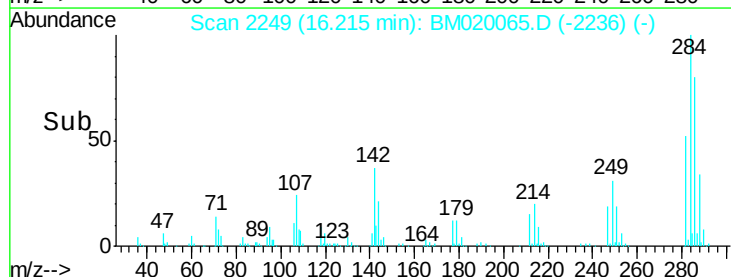
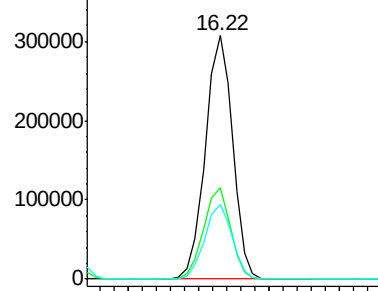


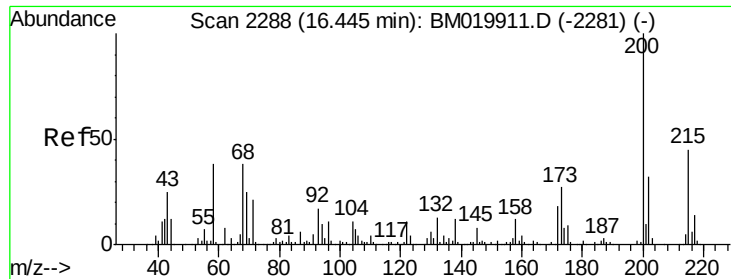
#68
 Hexachlorobenzene
 Concen: 41.903 ng
 RT: 16.22 min Scan# 2249
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	413549		
142	37.3	28.9	43.3	
249	30.6	23.8	35.6	



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





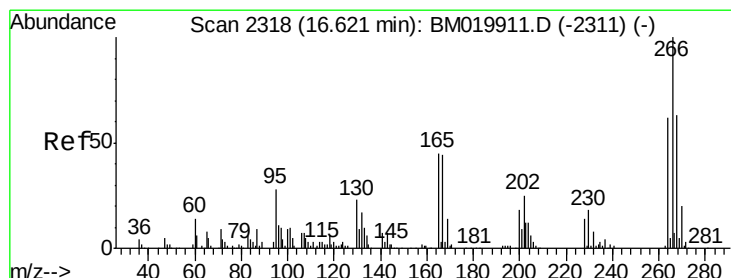
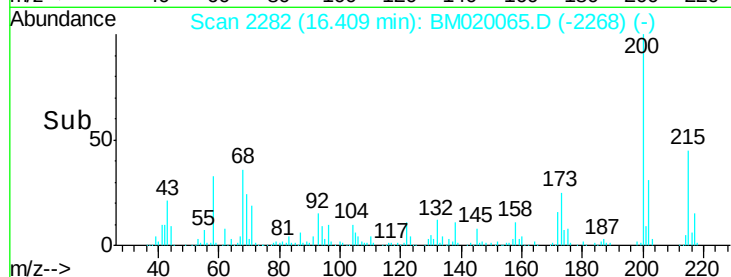
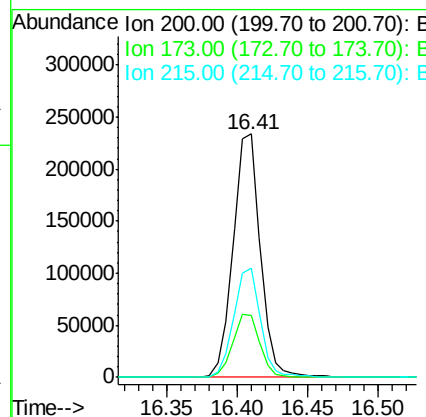
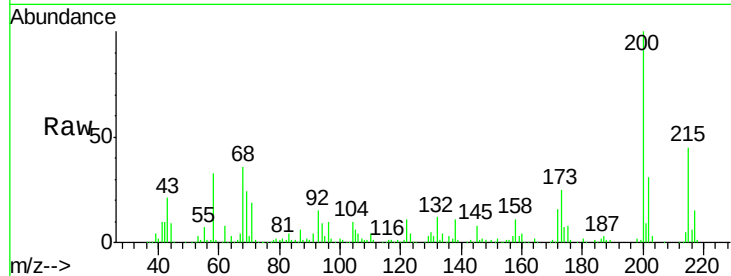
#69
Atrazine
Concen: 39.560 ng
RT: 16.41 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	314096		
173	25.2	7.2	47.2	
215	44.9	25.4	65.4	

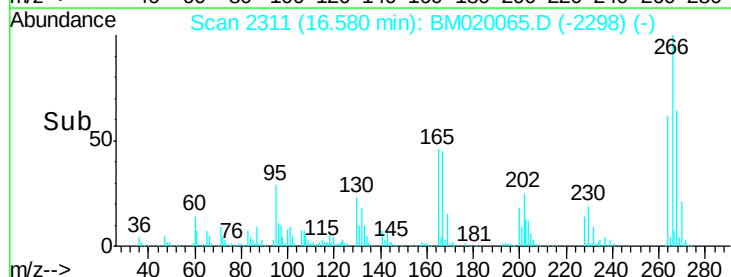
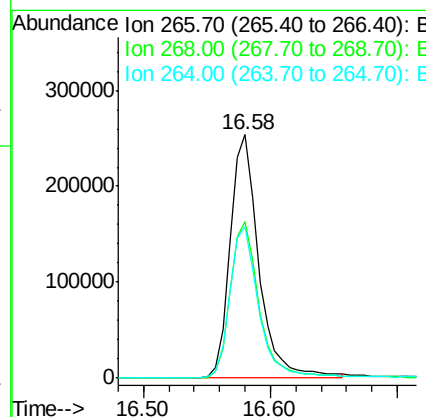
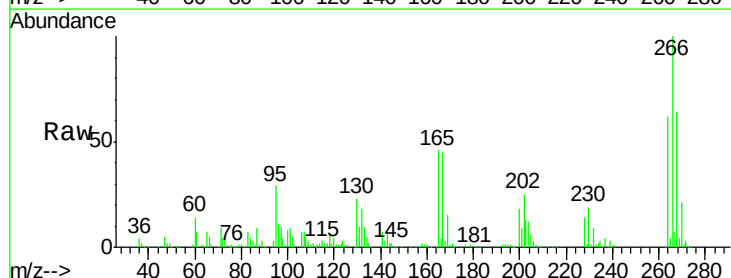
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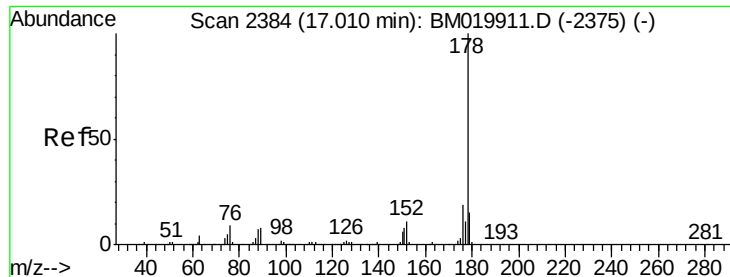
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#70
Pentachlorophenol
Concen: 78.760 ng
RT: 16.58 min Scan# 2311
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	397154		
268	64.3	50.3	75.5	
264	62.2	49.8	74.8	





#71

Phenanthrene

Concen: 39.934 ng

RT: 16.96 min Scan# 2376

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB119063BS

Tgt Ion:178 Resp: 1695382

Ion Ratio Lower Upper

178 100

176 19.3 15.2 22.8

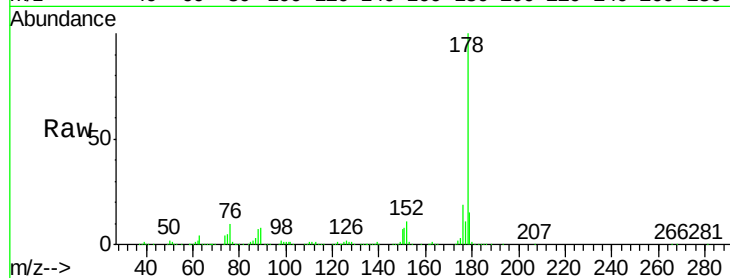
179 15.4 12.2 18.4

Manual Integrations

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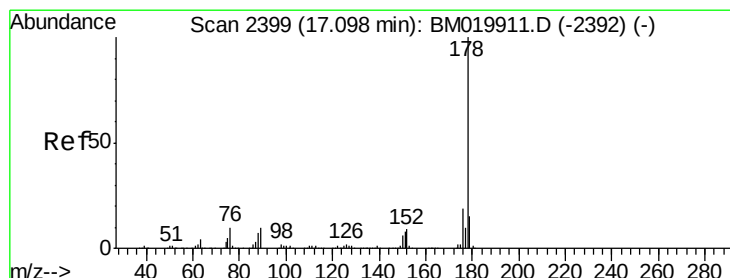
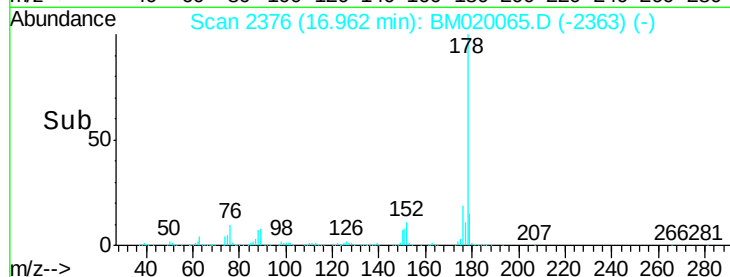
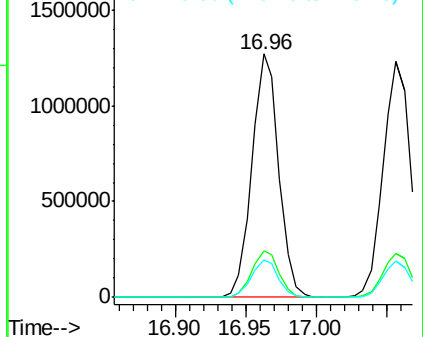
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.359 ng

RT: 17.06 min Scan# 2392

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:178 Resp: 1705593

Ion Ratio Lower Upper

178 100

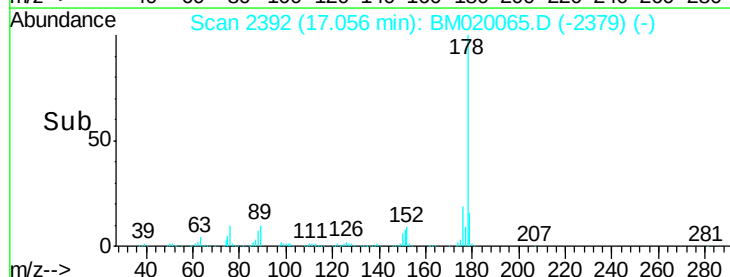
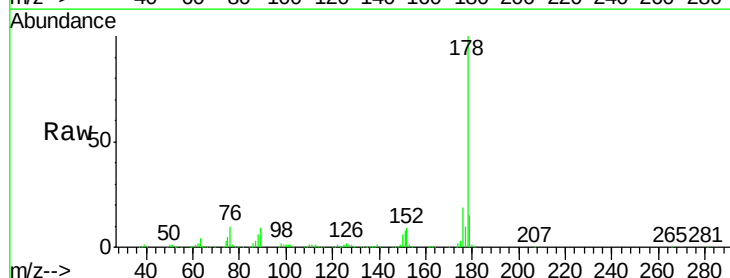
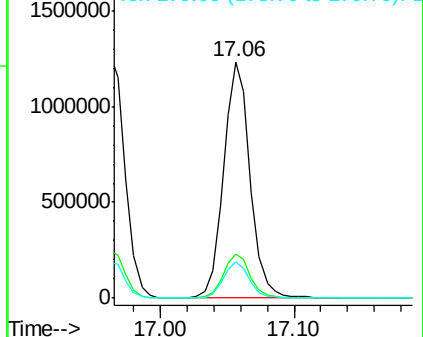
176 18.9 15.0 22.4

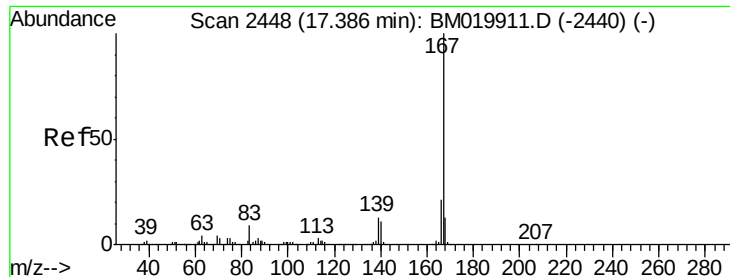
179 15.3 12.2 18.4

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





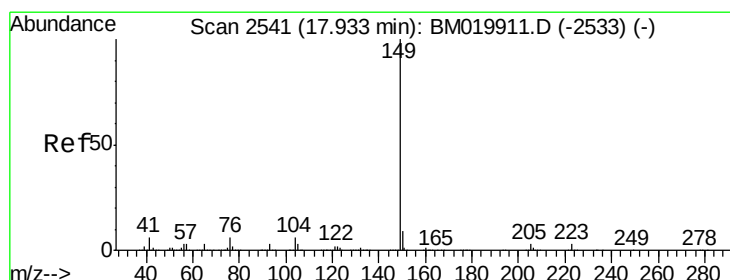
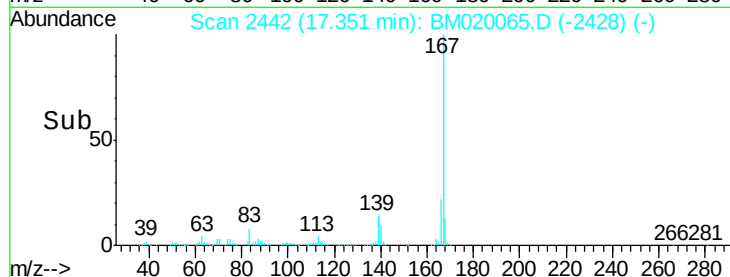
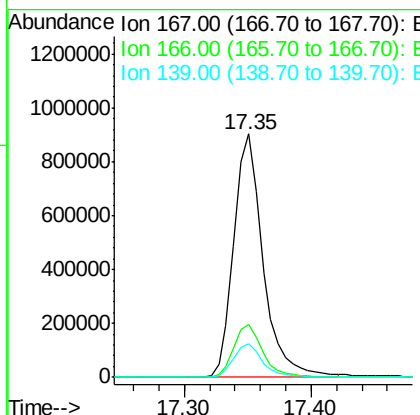
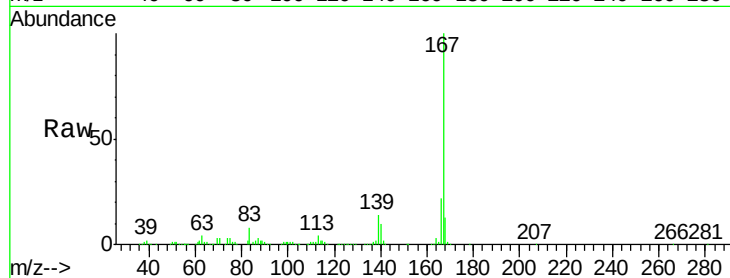
#73
 Carbazole
 Concen: 36.611 ng
 RT: 17.35 min Scan# 2442
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tgt Ion:167 Resp: 1444548
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.9 10.7 16.1

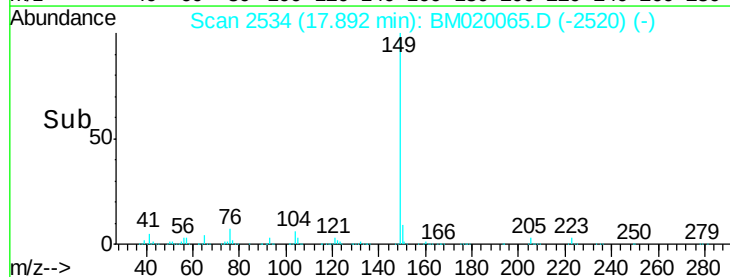
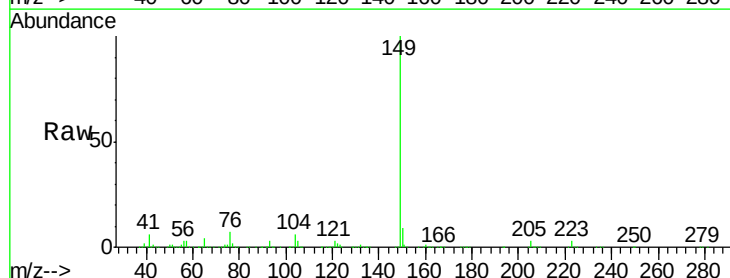
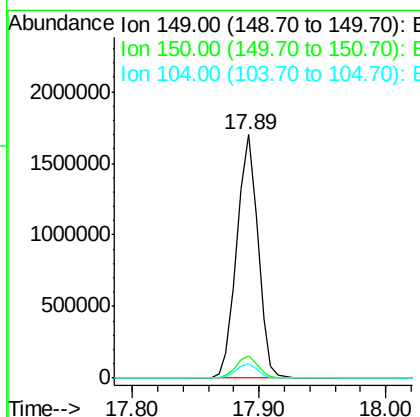
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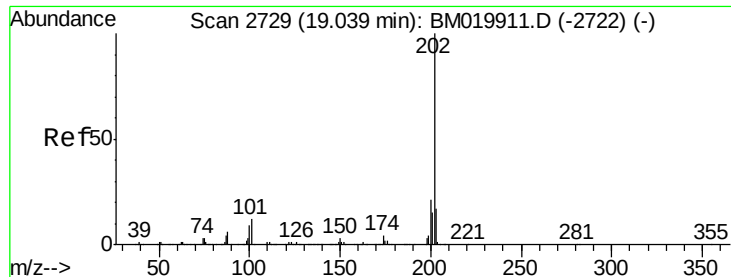
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#74
 Di-n-butylphthalate
 Concen: 37.703 ng
 RT: 17.89 min Scan# 2534
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion:149 Resp: 1953658
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.0 4.6 7.0





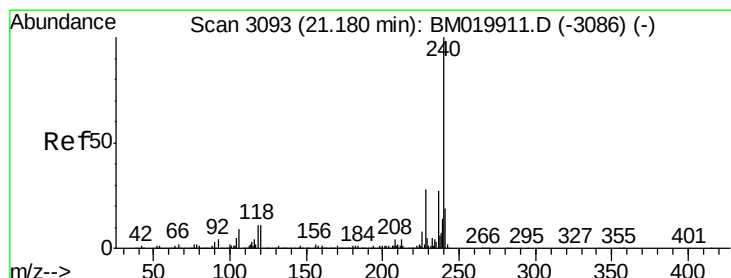
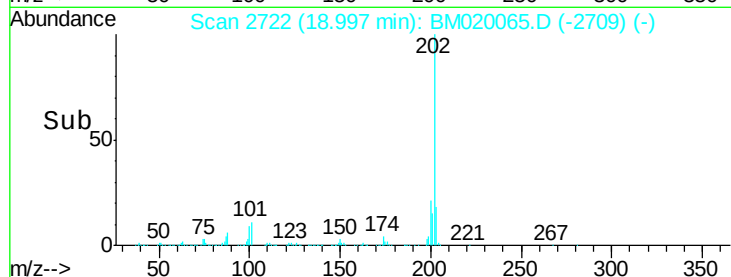
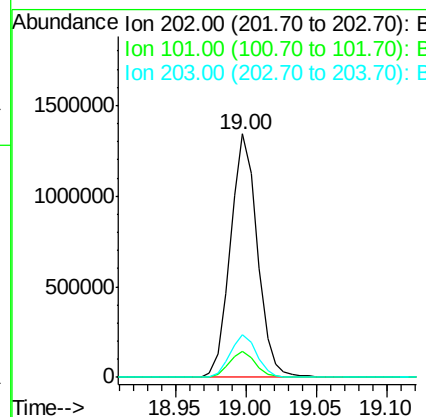
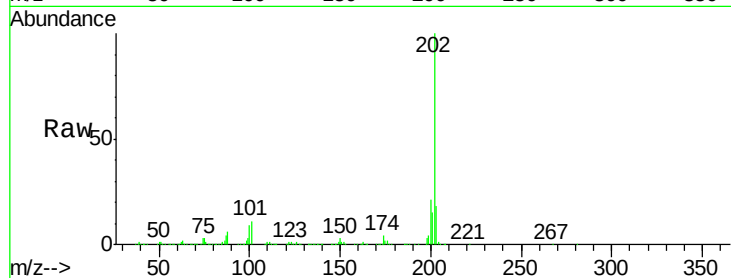
#75
 Fluoranthene
 Concen: 36.567 ng
 RT: 19.00 min Scan# 2722
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Instrument :
 BNA_M
 ClientSampleId :
 PB119063BS

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1786561		
101	10.7		0.0	31.7
203	17.5		0.0	37.4

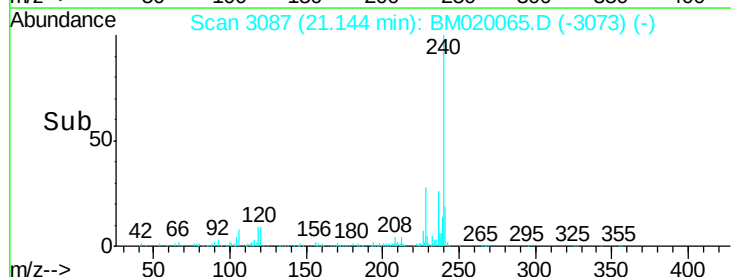
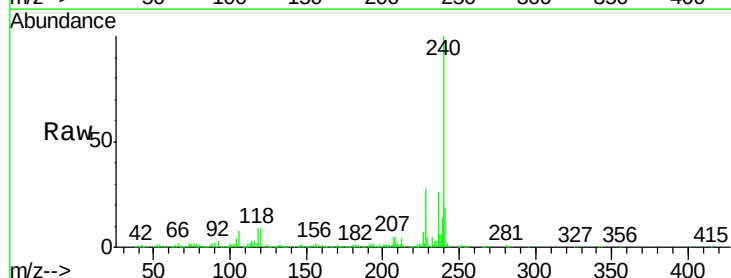
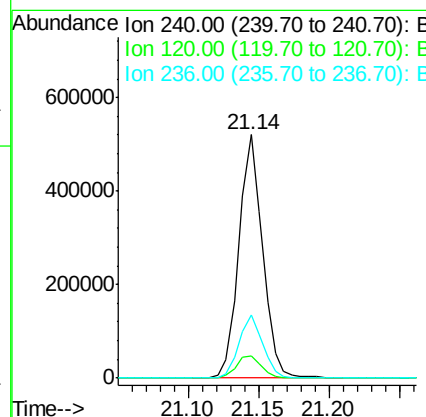
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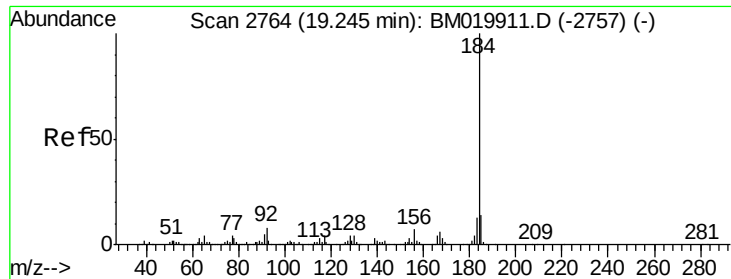
Sohil
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.14 min Scan# 3087
 Delta R.T. -0.02 min
 Lab File: BM020065.D
 Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	610749		
120	9.2		8.6	13.0
236	26.1		21.4	32.2





#77

Benzidine

Concen: 31.199 ng

RT: 19.22 min Scan# 2760

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

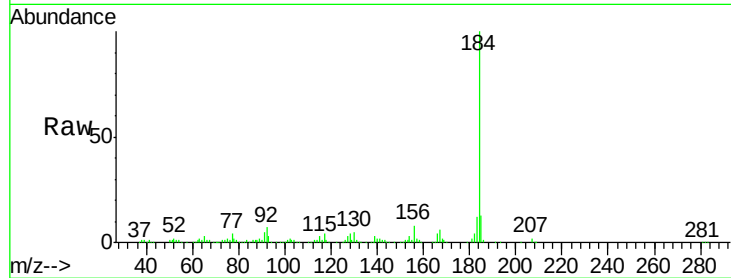
ClientSampleId :

PB119063BS

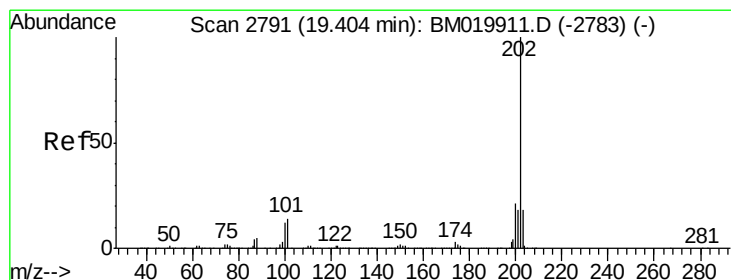
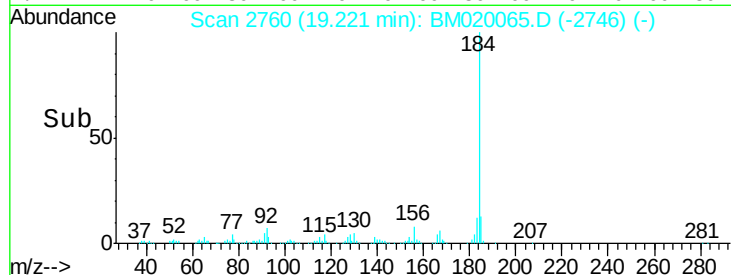
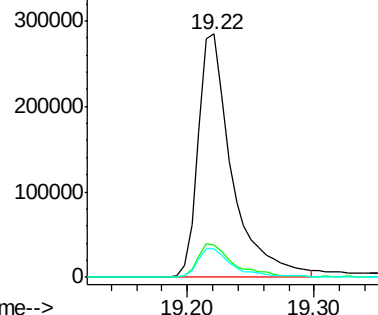
Tgt Ion:	184	Resp:	525749
Ion Ratio	Lower	Upper	
184	100		
185	13.4	11.0	16.6
183	11.6	10.1	15.1

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



#78

Pyrene

Concen: 44.568 ng

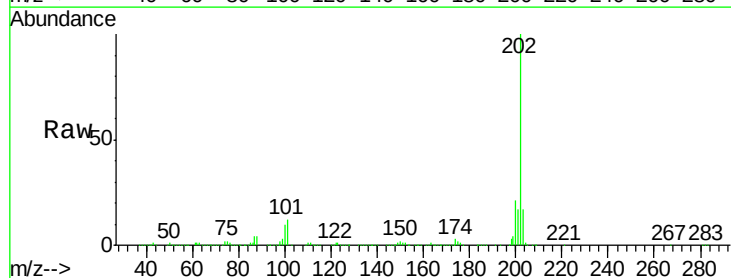
RT: 19.37 min Scan# 2785

Delta R.T. -0.02 min

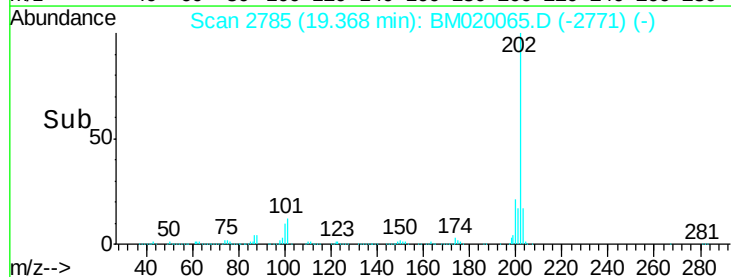
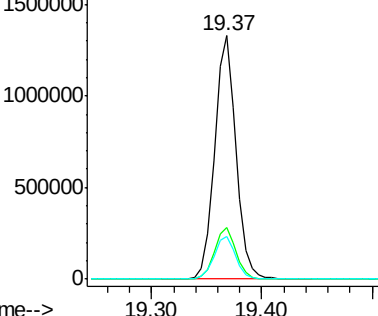
Lab File: BM020065.D

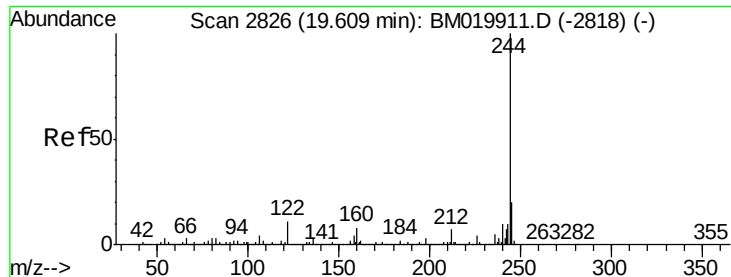
Acq: 24 Apr 2019 15:26

Tgt Ion:	202	Resp:	1802585
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.4
203	17.3	14.0	21.0



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





#79

Terphenyl-d14

Concen: 99.867 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

ClientSampleId :

PB119063BS

Tgt Ion:244 Resp: 3458038

Ion Ratio Lower Upper

244 100

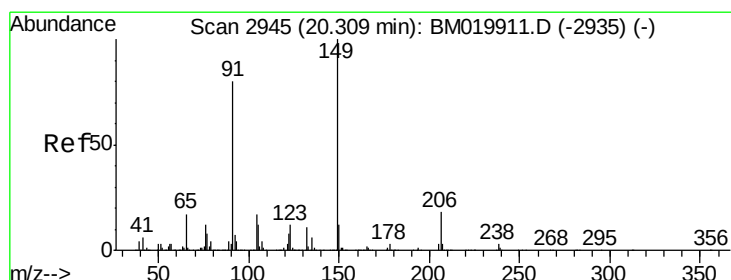
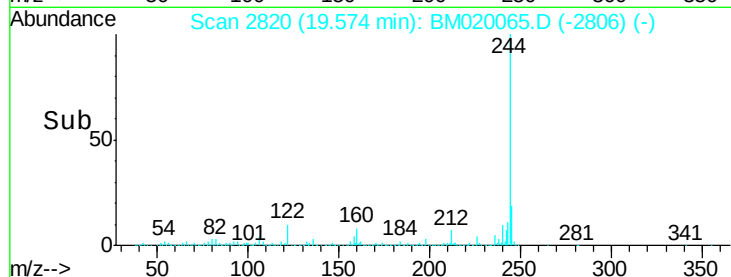
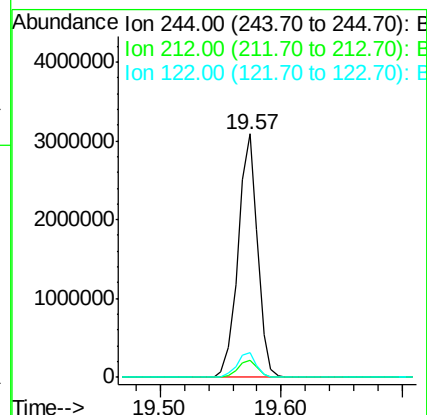
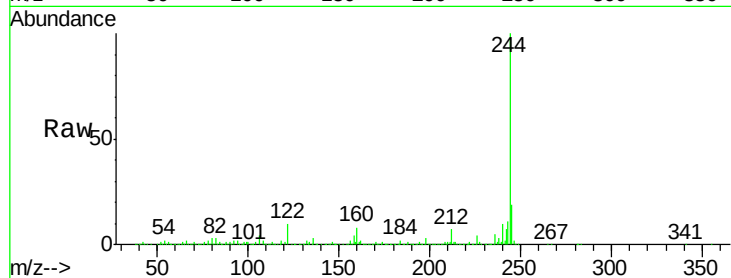
212 7.2 5.7 8.5

122 10.0 9.1 13.7

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#80

Butylbenzylphthalate

Concen: 40.886 ng

RT: 20.27 min Scan# 2939

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

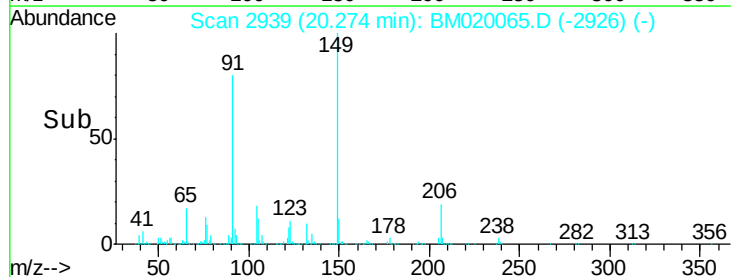
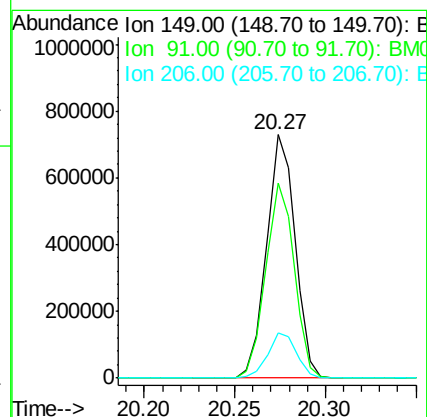
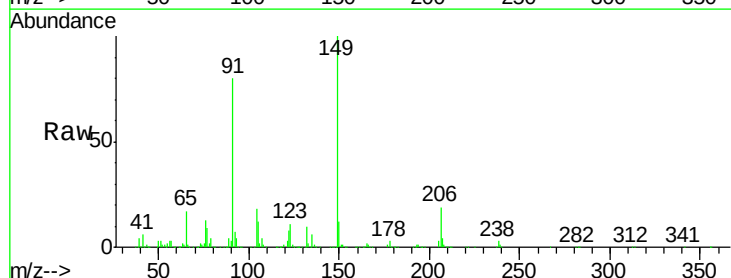
Tgt Ion:149 Resp: 801721

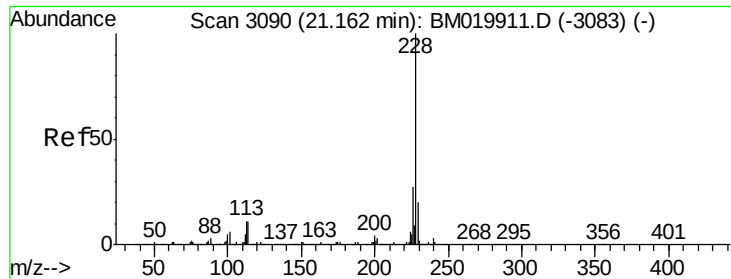
Ion Ratio Lower Upper

149 100

91 80.2 63.7 95.5

206 18.6 14.6 21.8





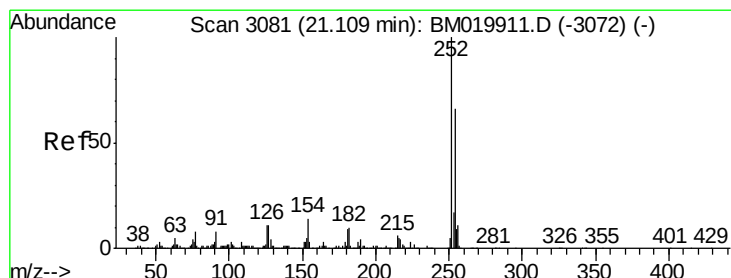
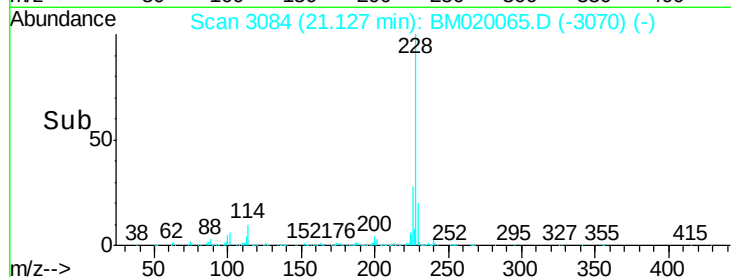
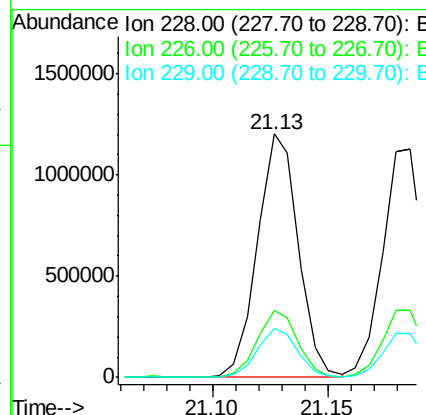
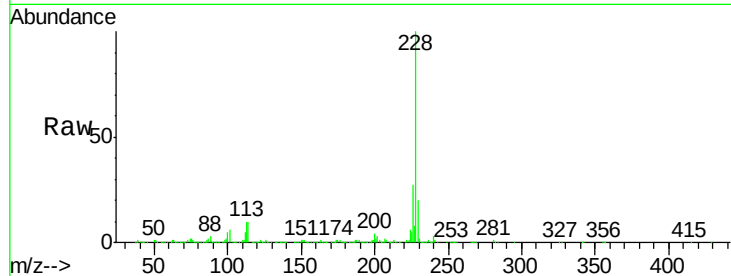
#81
Benzo(a)anthracene
Concen: 38.114 ng
RT: 21.13 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	20.0	15.9	23.9

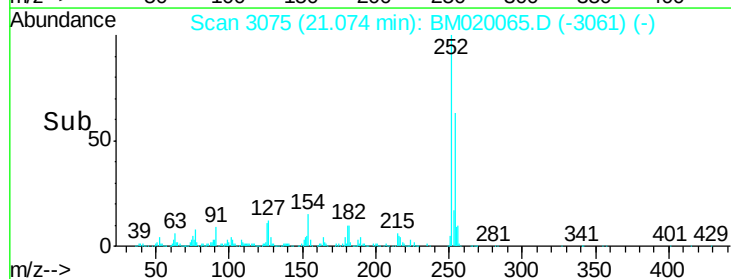
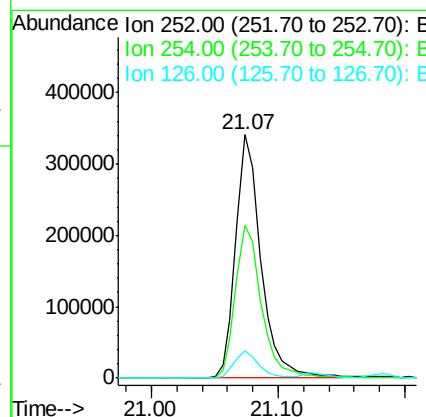
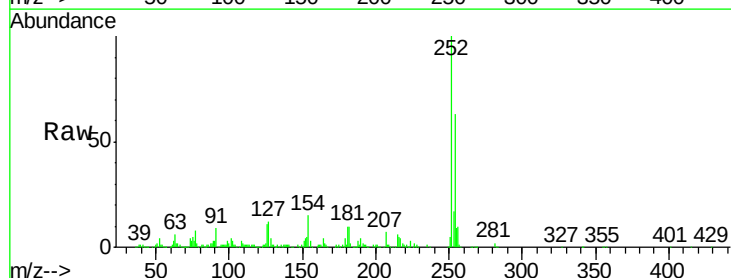
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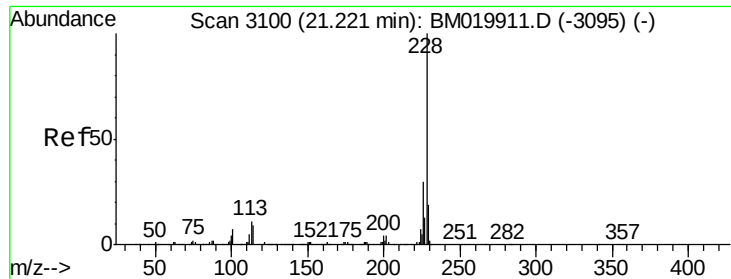
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#82
3,3'-Dichlorobenzidine
Concen: 32.822 ng
RT: 21.07 min Scan# 3075
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.7	52.6	78.8
126	11.0	8.6	12.8





#83

Chrysene

Concen: 38.886 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

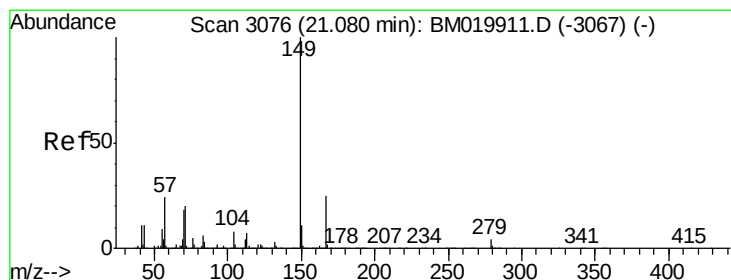
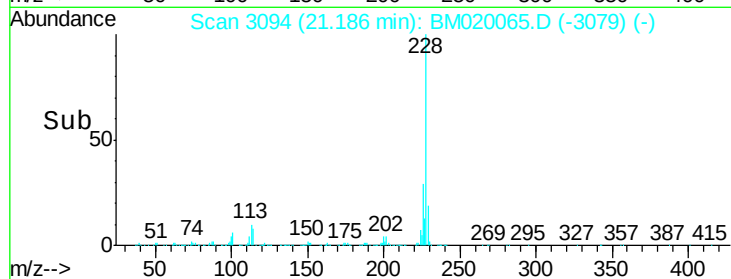
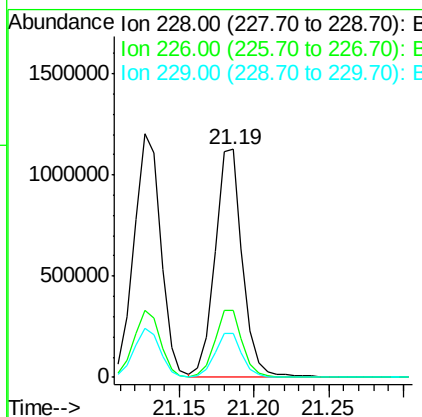
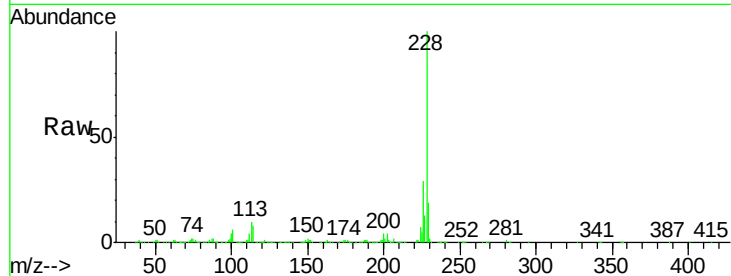
ClientSampleId :

PB119063BS

Tgt Ion:	228	Resp:	1442807
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	19.3	15.6	23.4

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#84

Bis(2-ethylhexyl)phthalate

Concen: 38.235 ng

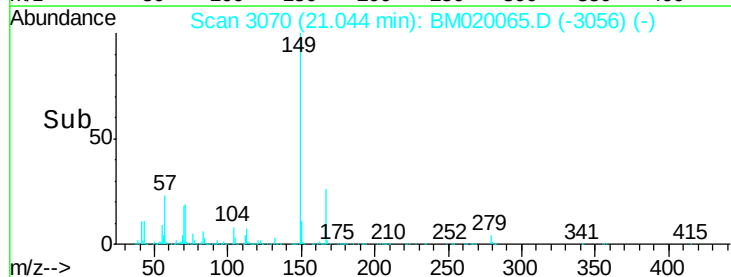
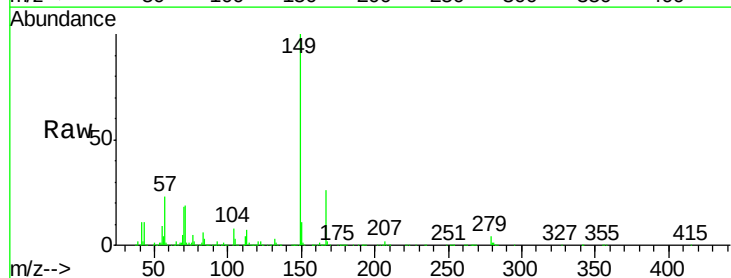
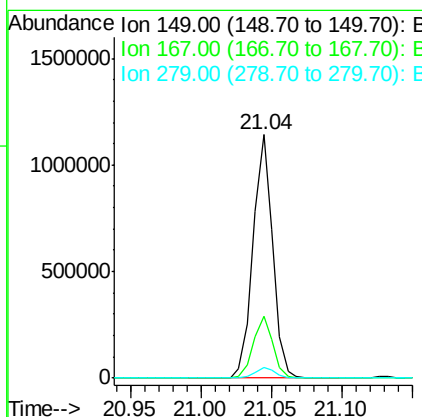
RT: 21.04 min Scan# 3070

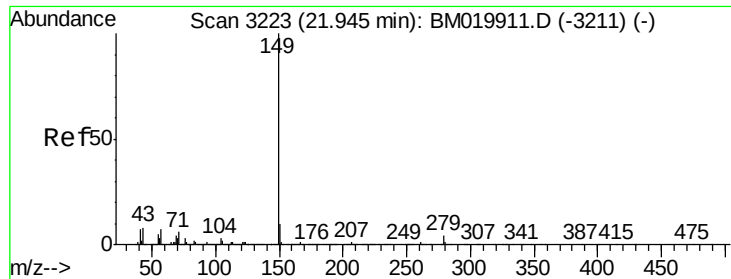
Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	149	Resp:	1116169
Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	4.4	3.4	5.2





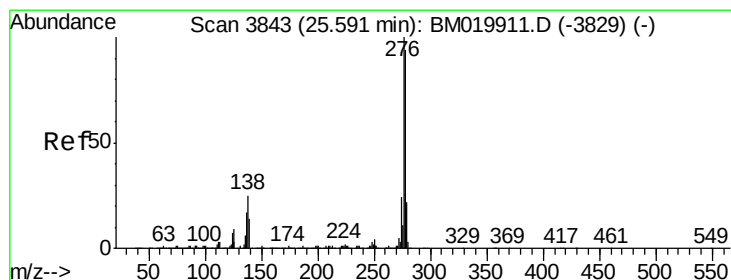
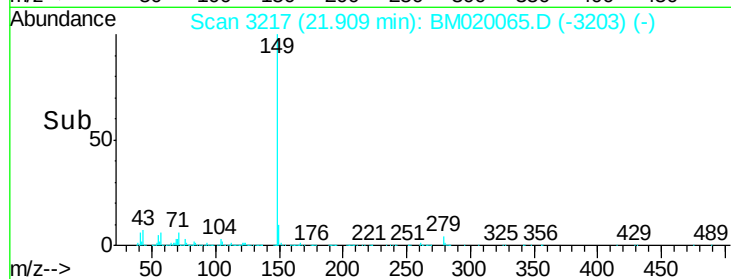
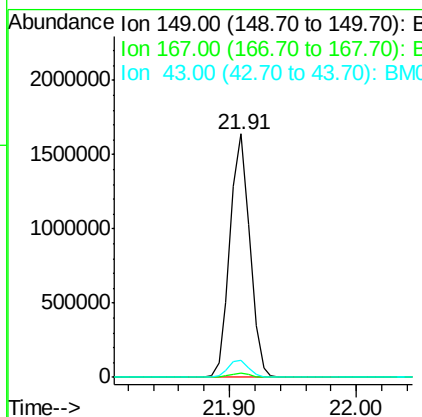
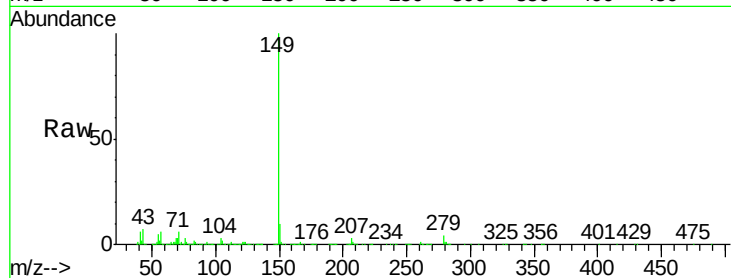
#85
Di-n-octyl phthalate
Concen: 37.236 ng
RT: 21.91 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.0	9.0

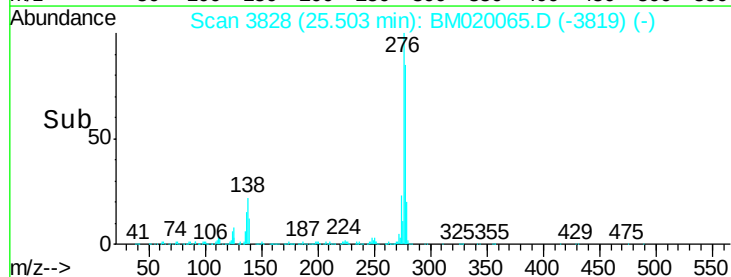
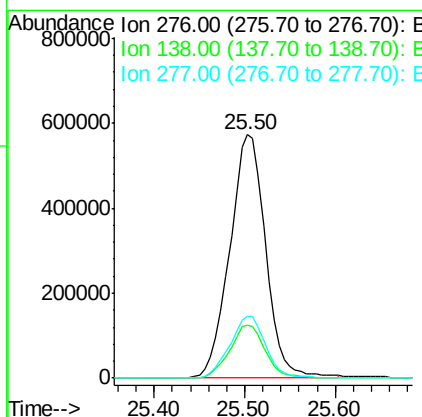
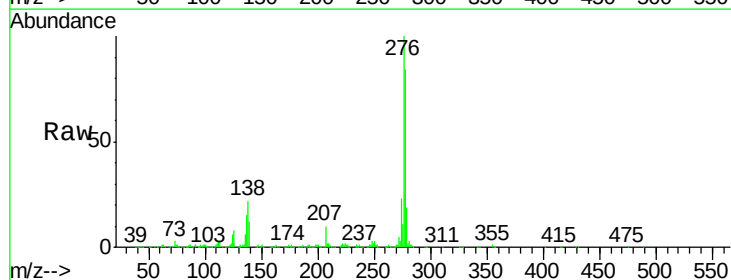
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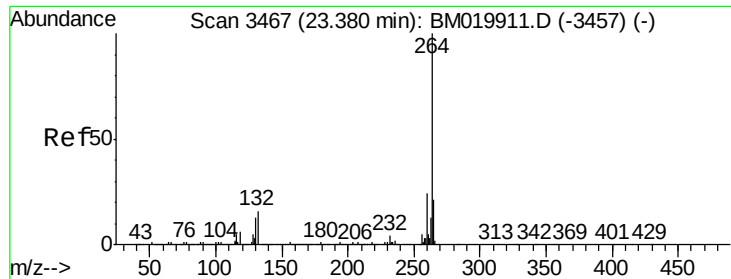
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.036 ng
RT: 25.50 min Scan# 3828
Delta R.T. -0.05 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.0	28.6
277	25.6	20.3	30.5





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Instrument :

BNA_M

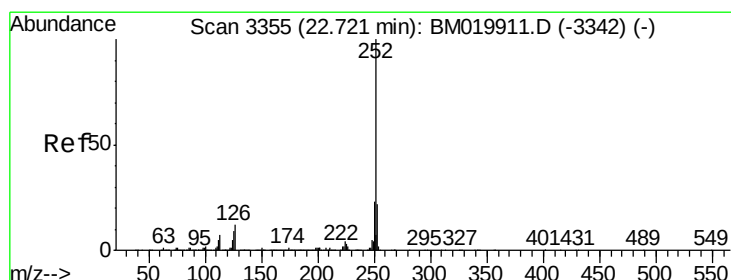
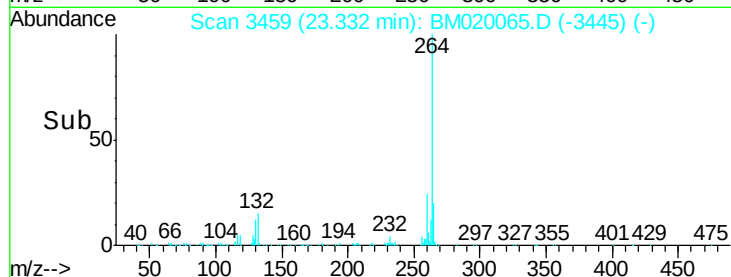
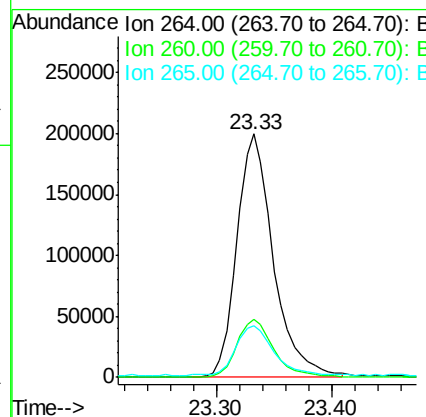
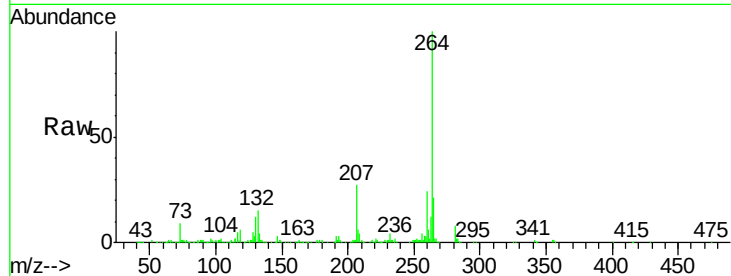
ClientSampleId :

PB119063BS

Tgt Ion:	264	Resp:	438049
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.2	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 48.575 ng

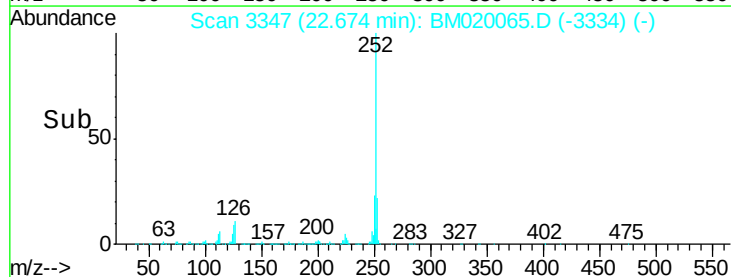
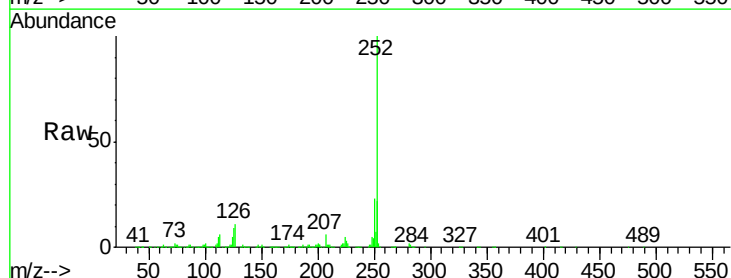
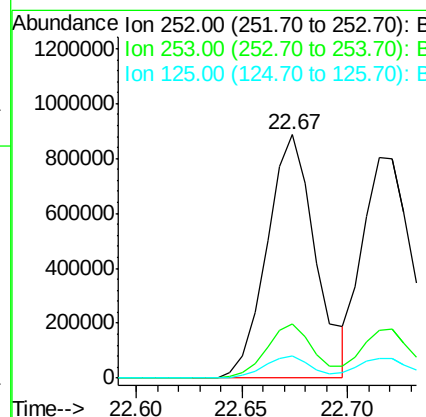
RT: 22.67 min Scan# 3347

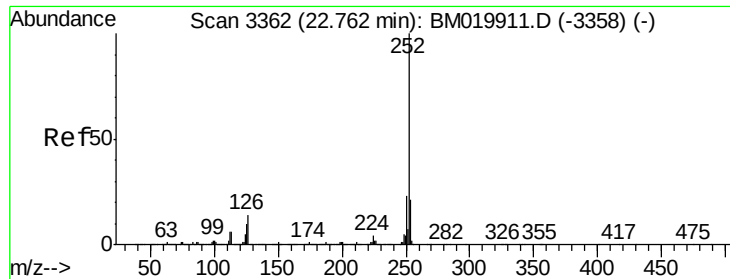
Delta R.T. -0.02 min

Lab File: BM020065.D

Acq: 24 Apr 2019 15:26

Tgt Ion:	252	Resp:	1412905
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.1	7.6	11.4





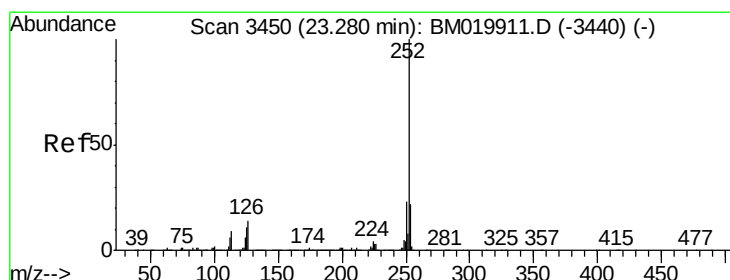
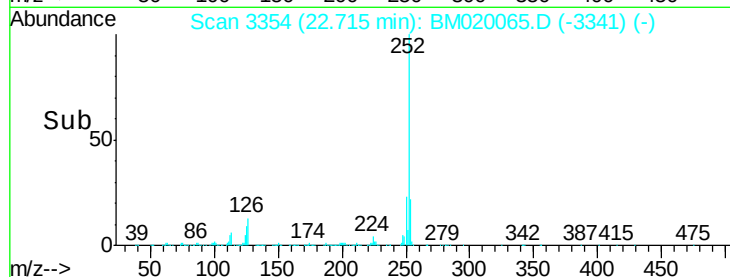
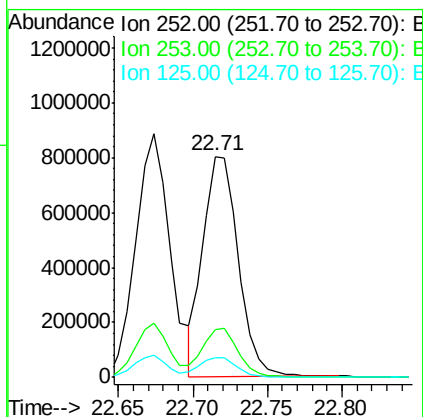
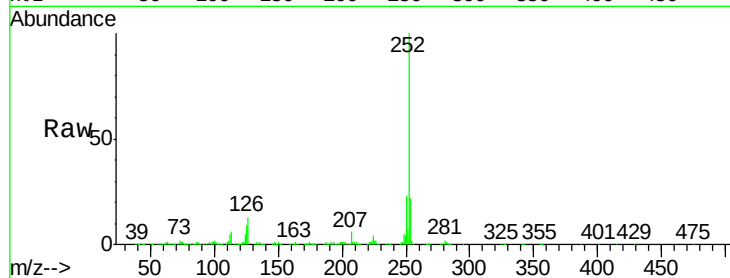
#89
Benzo(k)fluoranthene
Concen: 48.365 ng
RT: 22.71 min Scan# 3354
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion: 252 Resp: 1324400
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.2 8.2 12.4

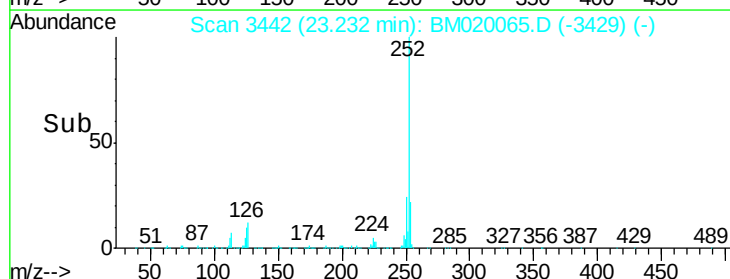
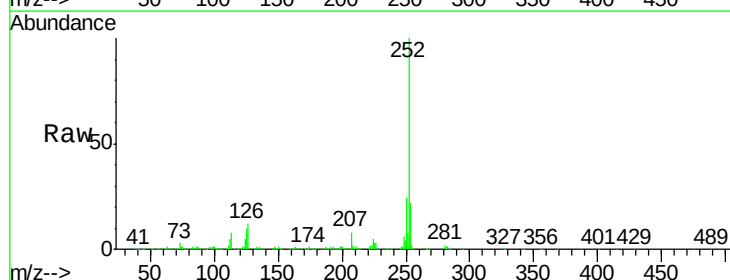
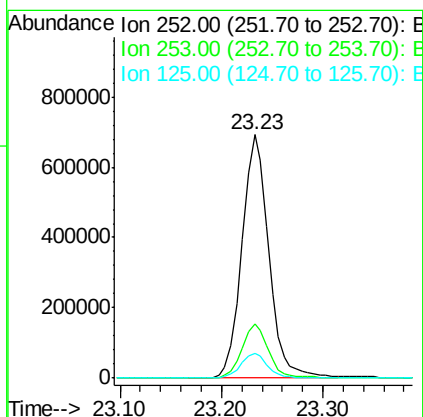
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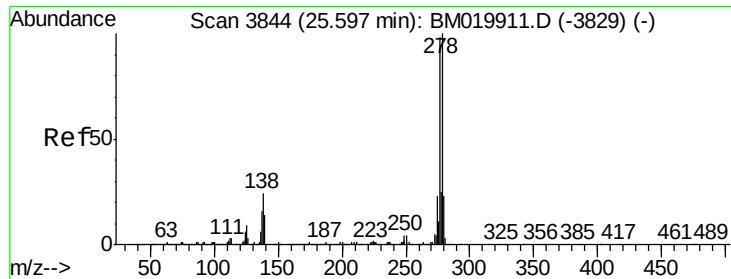
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#90
Benzo(a)pyrene
Concen: 49.444 ng
RT: 23.23 min Scan# 3442
Delta R.T. -0.02 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion: 252 Resp: 1274308
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.1 9.1 13.7





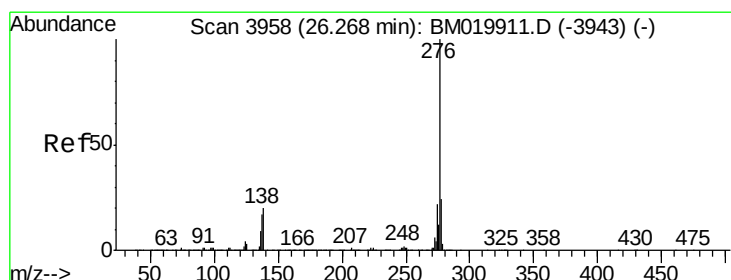
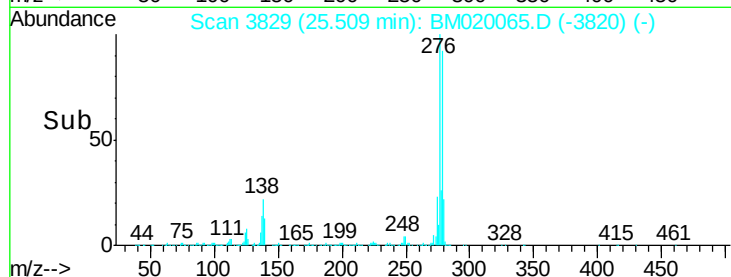
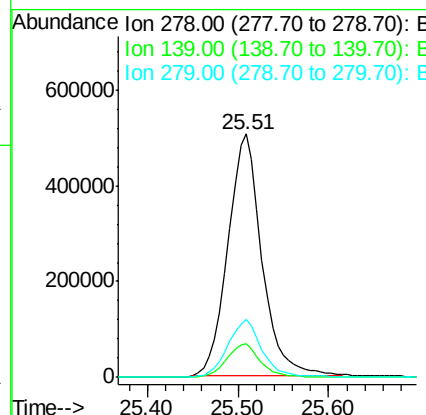
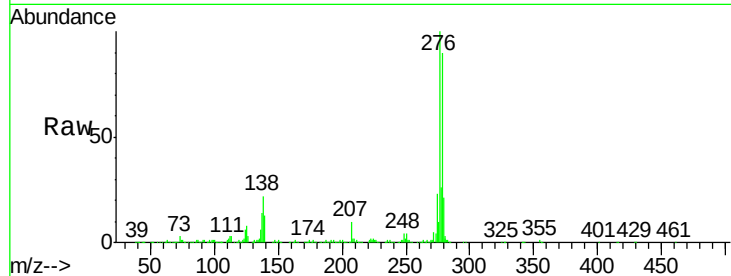
#91
Dibenzo(a,h)anthracene
Concen: 52.889 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.05 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Instrument :
BNA_M
ClientSampleId :
PB119063BS

Tgt Ion:278 Resp: 1314204
Ion Ratio Lower Upper
278 100
139 14.0 11.6 17.4
279 23.7 18.4 27.6

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#92
Benzo(g,h,i)perylene
Concen: 53.329 ng
RT: 26.17 min Scan# 3942
Delta R.T. -0.05 min
Lab File: BM020065.D
Acq: 24 Apr 2019 15:26

Tgt Ion:276 Resp: 1200219
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 17.4 16.2 24.4

