

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020011.D
 Acq On : 22 Apr 2019 18:18
 Operator : JU/SJ
 Sample : K2193-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Manual Integrations
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 4/23/2019 4:13:34 PM

Quant Time: Apr 23 01:54:28 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	7.50	152	109290	20.00	ng	-0.01
21) Naphthalene-d8	10.27	136	407061	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	217769	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	436343	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	380280	20.00	ng	0.00
87) Perylene-d12	23.34	264	431937	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	839331	124.46	ng	-0.01
7) Phenol-d6	6.70	99	1014106	99.92	ng	-0.01
23) Nitrobenzene-d5	8.67	82	851552	93.55	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	447530	127.67	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	1635058	93.57	ng	-0.01
79) Terphenyl-d14	19.59	244	2167823	100.55	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.10	88	126168	43.355 ng	# 56
3) Pyridine	3.50	79	281396	34.528 ng	100
4) n-Nitrosodimethylamine	3.42	42	117184	44.635 ng	# 92
6) Aniline	6.86	93	161216	12.299 ng	98
8) 2-Chlorophenol	7.07	128	337120	40.194 ng	99
9) Benzaldehyde	6.69	77	106057	15.053 ng	98
10) Phenol	6.73	94	358177	32.302 ng	93
11) bis(2-Chloroethyl)ether	6.95	93	320081	39.453 ng	99
12) 1,3-Dichlorobenzene	7.39	146	338039	38.391 ng	97
13) 1,4-Dichlorobenzene	7.53	146	342665	38.356 ng	99
14) 1,2-Dichlorobenzene	7.85	146	339646	38.343 ng	99
15) Benzyl Alcohol	7.77	79	337763	36.608 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.03	45	281631	36.415 ng	97
17) 2-Methylphenol	7.96	107	266802	36.355 ng	98
18) Hexachloroethane	8.55	117	130776	37.658 ng	99
19) n-Nitroso-di-n-propylamine	8.32	70	306531	34.359 ng	100
20) 3+4-Methylphenols	8.30	107	343013	34.024 ng	98
22) Acetophenone	8.34	105	519666	46.871 ng	100
24) Nitrobenzene	8.72	77	449517	47.673 ng	98
25) Isophorone	9.23	82	749298	42.289 ng	99
26) 2-Nitrophenol	9.42	139	172293	42.878 ng	95
27) 2,4-Dimethylphenol	9.48	122	275119	48.424 ng	97
28) bis(2-Chloroethoxy)methane	9.72	93	429992	43.338 ng	99
29) 2,4-Dichlorophenol	9.96	162	277622	43.025 ng	100
30) 1,2,4-Trichlorobenzene	10.14	180	326894	47.070 ng	100
31) Naphthalene	10.33	128	990478	45.365 ng	99
32) Benzoic acid	9.66	122	64610	15.870 ng	97
33) 4-Chloroaniline	10.50	127	42457	4.720 ng	97
34) Hexachlorobutadiene	10.57	225	189572	46.283 ng	97
35) Caprolactam	11.32	113	56642m	23.191 ng	
36) 4-Chloro-3-methylphenol	11.61	107	317069	39.547 ng	99
37) 2-Methylnaphthalene	11.95	142	712601	44.830 ng	98
38) 1-Methylnaphthalene	12.17	142	677360	43.158 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	339311	50.507 ng	100

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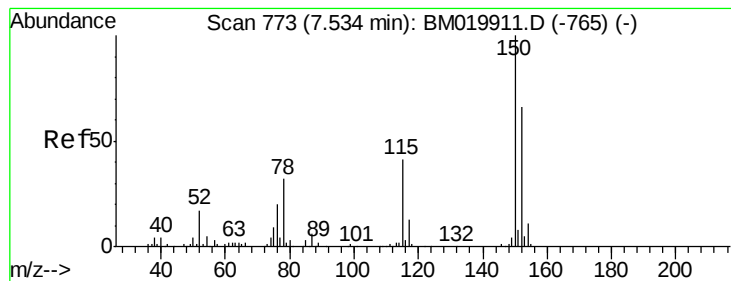
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	216776	89.517	ng	98
43) 2,4,6-Trichlorophenol	12.59	196	220928	48.506	ng	99
44) 2,4,5-Trichlorophenol	12.68	196	218107	46.010	ng	97
46) 1,1'-Biphenyl	12.99	154	910403	48.268	ng	100
47) 2-Chloronaphthalene	13.03	162	699261	48.603	ng	99
48) 2-Nitroaniline	13.28	65	224645	43.319	ng	93
49) Acenaphthylene	13.89	152	1099496	43.923	ng	99
50) Dimethylphthalate	13.65	163	865730	45.070	ng	100
51) 2,6-Dinitrotoluene	13.79	165	183760	43.262	ng	88
52) Acenaphthene	14.23	154	643822	46.386	ng	98
53) 3-Nitroaniline	14.14	138	46502	10.964	ng	98
54) 2,4-Dinitrophenol	14.36	184	111964	47.494	ng	88
55) Dibenzofuran	14.57	168	1027972	45.292	ng	96
56) 4-Nitrophenol	14.47	139	179686	55.618	ng	91
57) 2,4-Dinitrotoluene	14.59	165	254775	41.728	ng	96
58) Fluorene	15.23	166	843313	43.850	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.82	232	198633	45.923	ng	99
60) Diethylphthalate	15.02	149	889793	44.539	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	419331	45.286	ng	97
62) 4-Nitroaniline	15.31	138	136080	32.565	ng	90
63) Azobenzene	15.52	77	979295	45.864	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	89238	32.054	ng	96
66) n-Nitrosodiphenylamine	15.45	169	698272	48.949	ng	100
67) 4-Bromophenyl-phenylether	16.12	248	241259	48.091	ng	98
68) Hexachlorobenzene	16.23	284	289686	48.125	ng	98
69) Atrazine	16.42	200	234098	48.341	ng	98
70) Pentachlorophenol	16.59	266	257287	83.654	ng	99
71) Phenanthrene	16.98	178	1204008	46.498	ng	99
72) Anthracene	17.07	178	1211771	47.012	ng	100
73) Carbazole	17.36	167	1050438	43.650	ng	99
74) Di-n-butylphthalate	17.90	149	1463136	46.295	ng	99
75) Fluoranthene	19.02	202	1305556	43.812	ng	99
77) Benzidine	19.24	184	129669	12.358	ng	98
78) Pyrene	19.38	202	1343116	53.334	ng	99
80) Butylbenzylphthalate	20.29	149	637185	52.189	ng	96
81) Benzo(a)anthracene	21.14	228	1196082	49.651	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	196352	21.908	ng	97
83) Chrysene	21.20	228	1188804	51.458	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	935509	51.468	ng	100
85) Di-n-octyl phthalate	21.92	149	1620216	54.935	ng	100
86) Indeno(1,2,3-cd)pyrene	25.54	276	1761017	77.488	ng	99
88) Benzo(b)fluoranthene	22.69	252	1318995	45.988	ng	99
89) Benzo(k)fluoranthene	22.73	252	1336175	49.485	ng	98
90) Benzo(a)pyrene	23.25	252	1267008	49.856	ng	99
91) Dibenzo(a,h)anthracene	25.54	278	1502294	61.314	ng	98
92) Benzo(g,h,i)perylene	26.21	276	1426330	64.272	ng	99

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



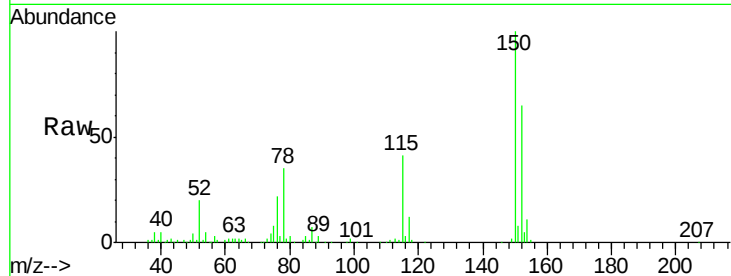
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

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Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.1	183.1
115	63.3	50.0	75.0

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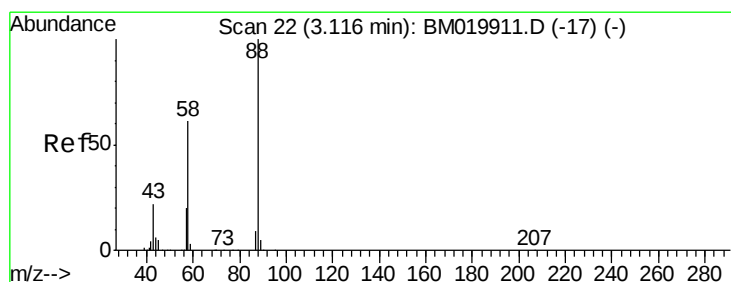
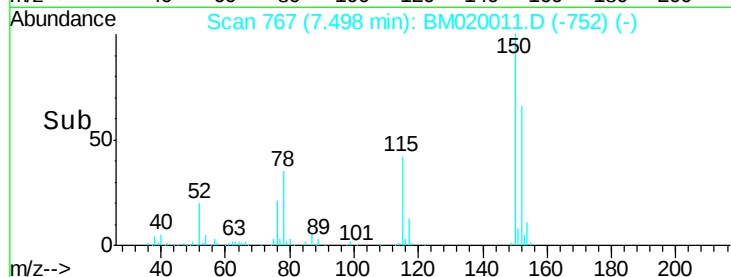
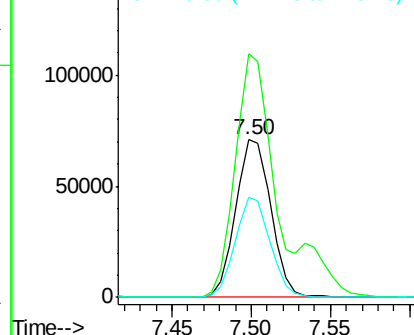


Abundance

Ion 152.00 (151.70 to 152.70): E

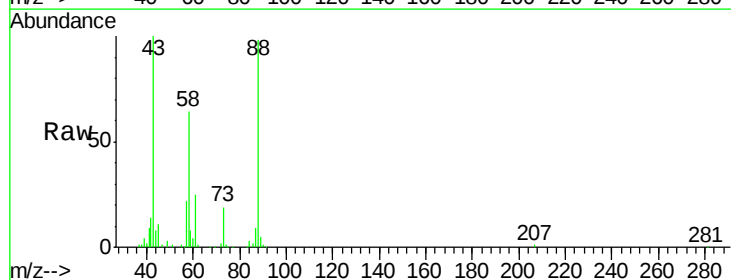
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 43.355 ng
 RT: 3.10 min Scan# 19
 Delta R.T. -0.00 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	49.6	74.4
43	100.9	18.6	27.8

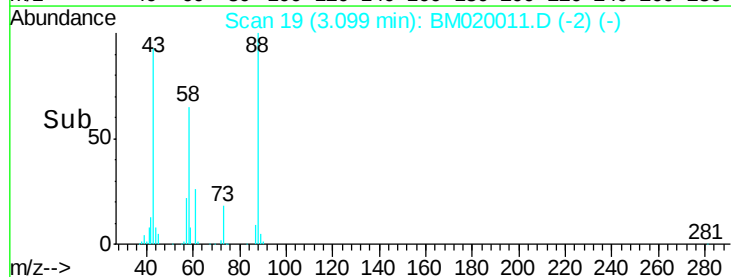
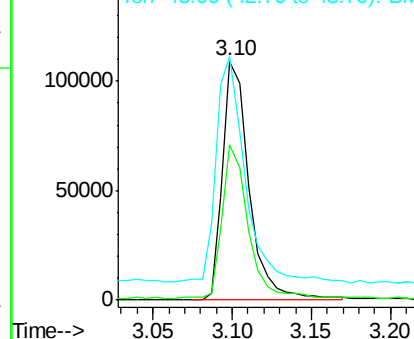


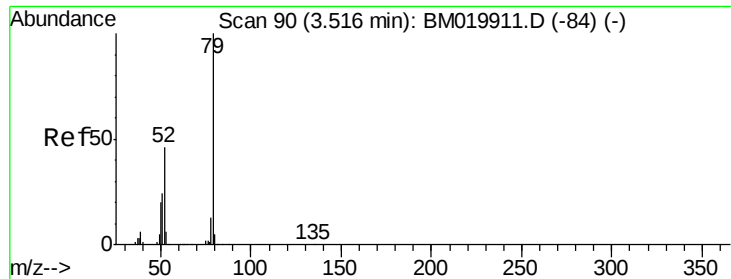
Abundance

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: 34.528 ng

RT: 3.50 min Scan# 88

Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

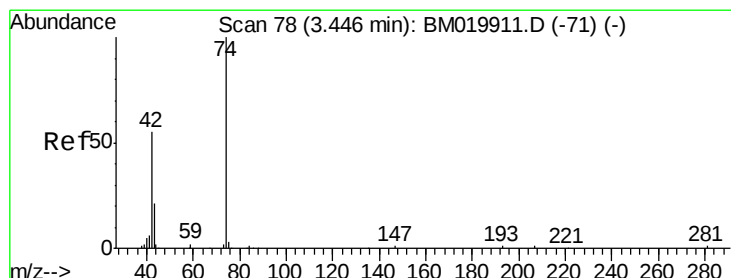
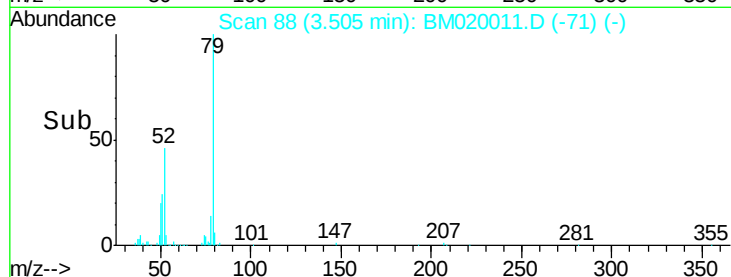
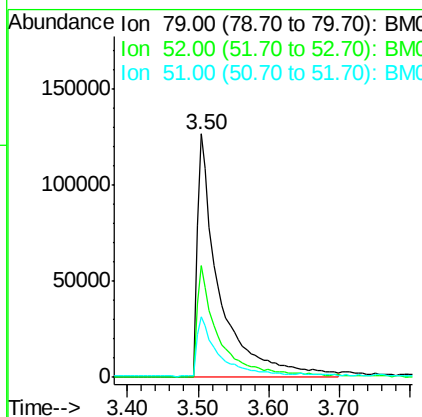
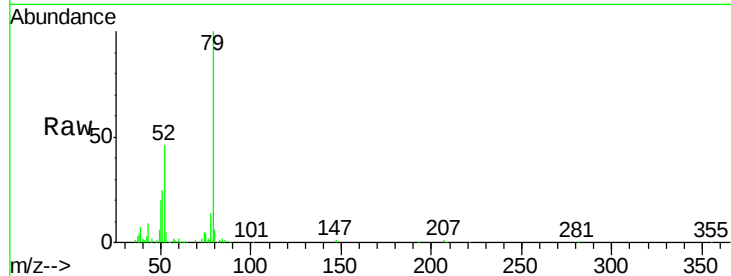
ClientSampleId :

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Tgt Ion:	79	Resp:	281396
Ion	Ratio	Lower	Upper
79	100		
52	46.0	36.9	55.3
51	25.1	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 44.635 ng

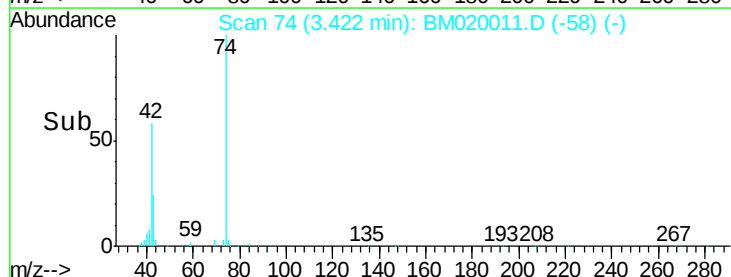
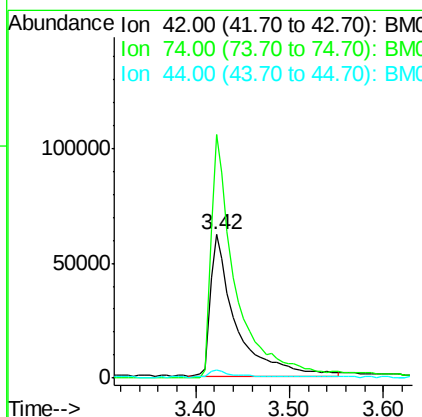
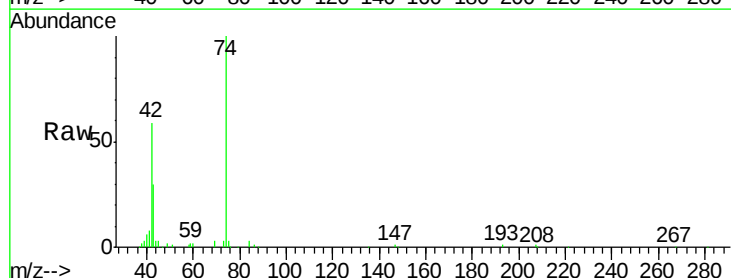
RT: 3.42 min Scan# 74

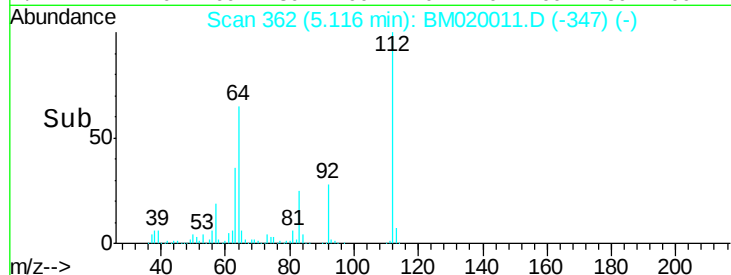
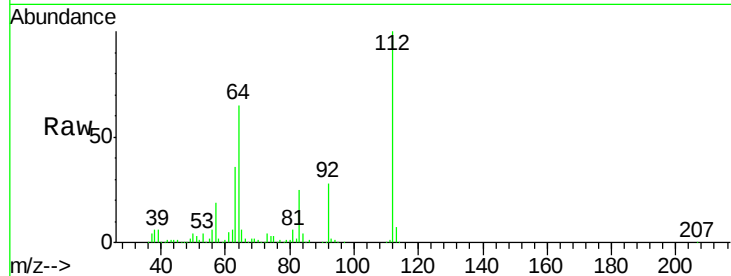
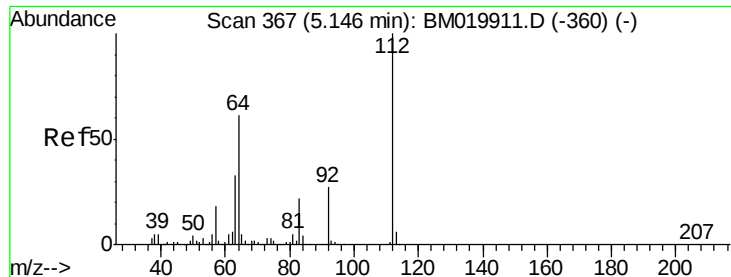
Delta R.T. -0.01 min

Lab File: BM020011.D

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Tgt Ion:	42	Resp:	117184
Ion	Ratio	Lower	Upper
42	100		
74	169.4	144.6	217.0
44	5.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 124.463 ng

RT: 5.12 min Scan# 362

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	112	Resp:	839331
Ion Ratio	Lower	Upper	
112	100		
64	64.9	49.1	73.7
63	35.7	26.5	39.7

Instrument :

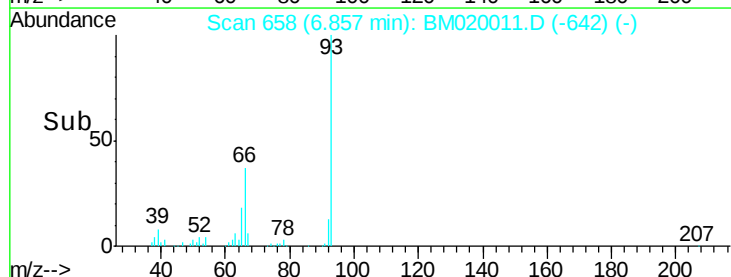
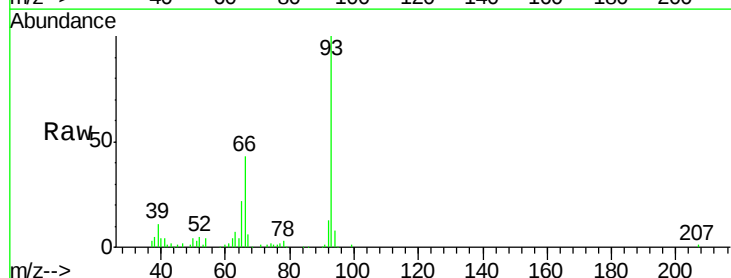
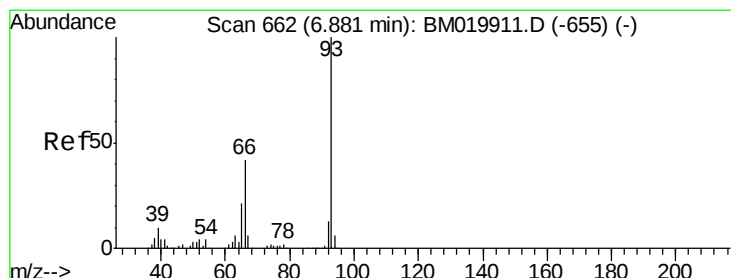
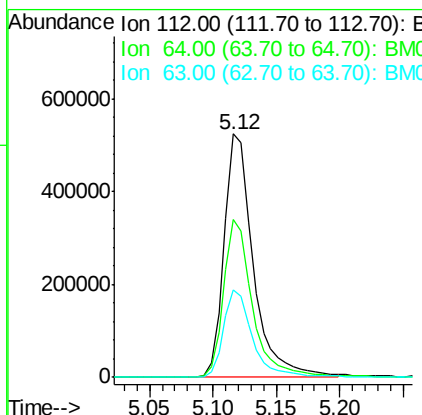
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#6

Aniline

Concen: 12.299 ng

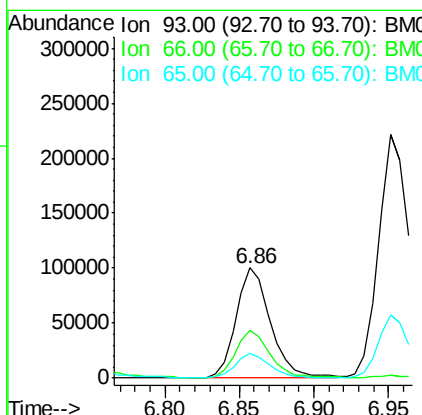
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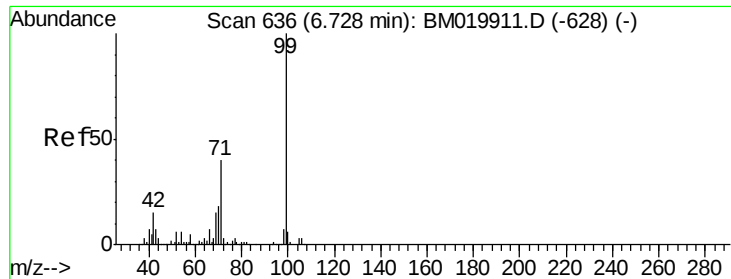
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	93	Resp:	161216
Ion Ratio	Lower	Upper	
93	100		
66	43.1	33.9	50.9
65	22.3	17.0	25.6





#7

Phenol-d6

Concen: 99.922 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

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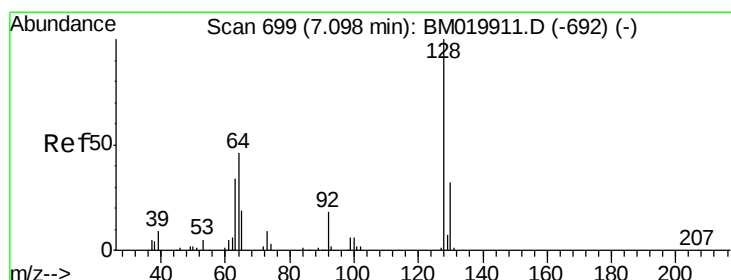
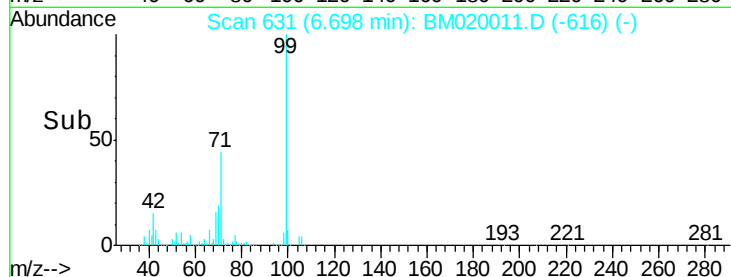
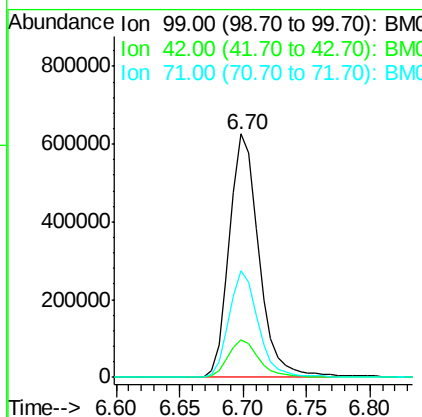
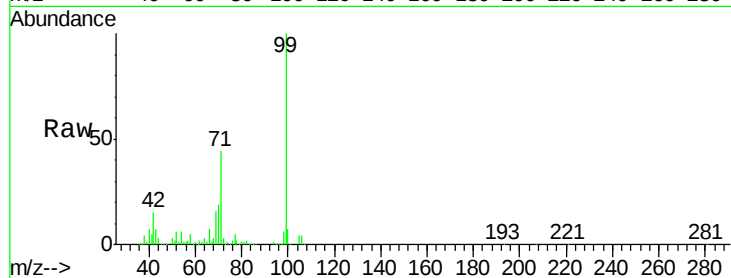
ClientSampleId :

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Tgt Ion:	99	Resp:	1014106
Ion	Ratio	Lower	Upper
99	100		
42	15.4	11.8	17.8
71	43.6	32.0	48.0

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#8

2-Chlorophenol

Concen: 40.194 ng

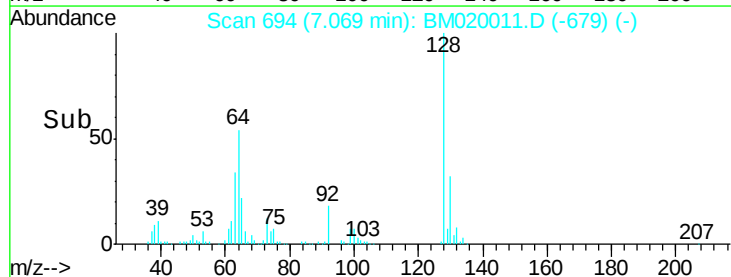
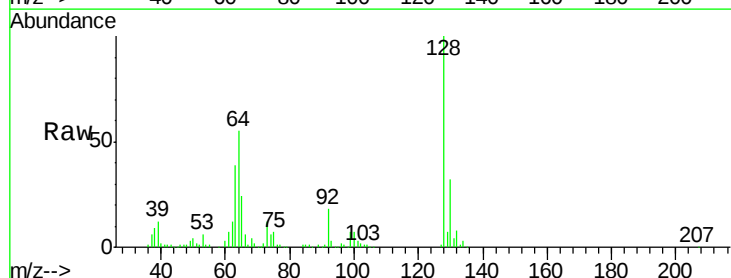
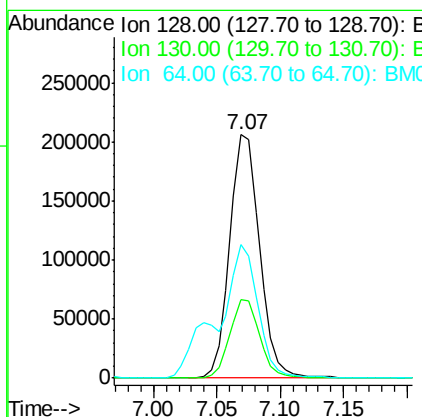
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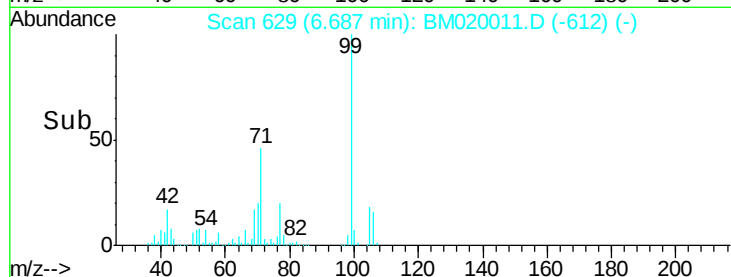
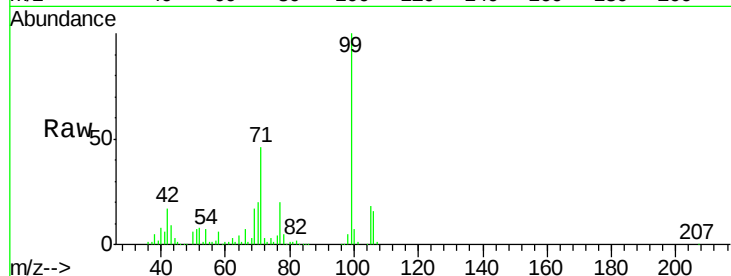
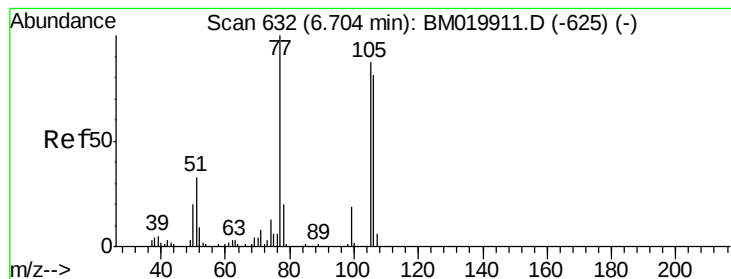
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	128	Resp:	337120
Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.0	52.0
64	54.6	33.0	73.0





#9

Benzaldehyde

Concen: 15.053 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	77	Resp:	106057
Ion Ratio	Lower	Upper	
77	100		
105	89.6	67.3	107.3
106	81.4	60.6	100.6

Instrument :

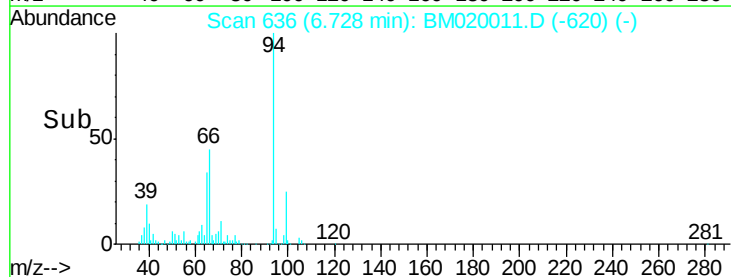
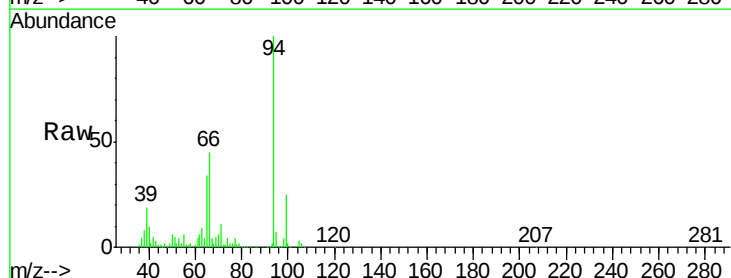
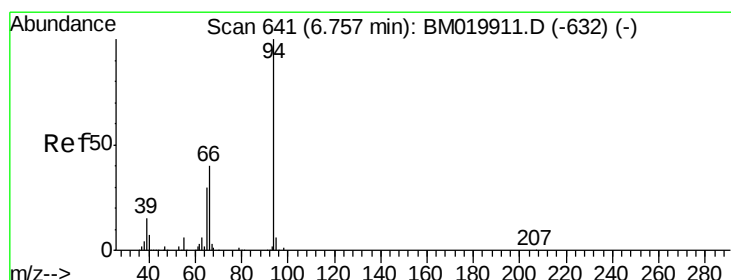
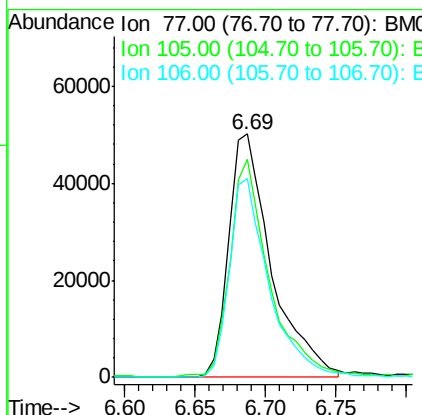
BNA_M

ClientSampleId :

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#10

Phenol

Concen: 32.302 ng

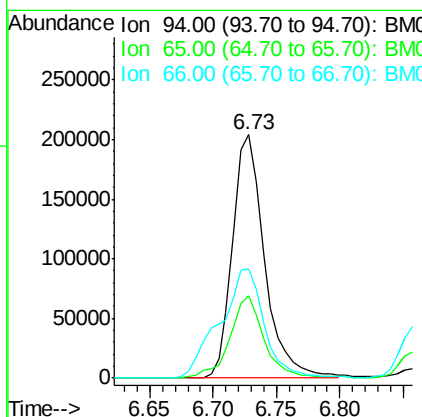
RT: 6.73 min Scan# 636

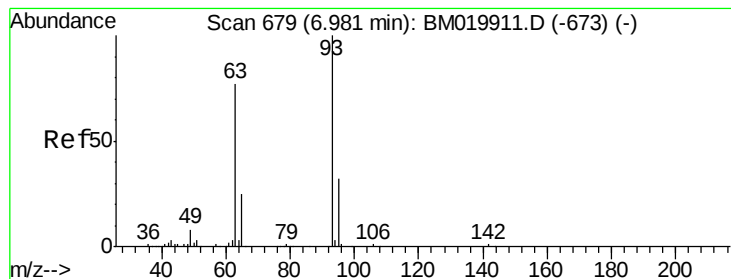
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	94	Resp:	358177
Ion Ratio	Lower	Upper	
94	100		
65	33.7	10.0	50.0
66	44.9	20.2	60.2





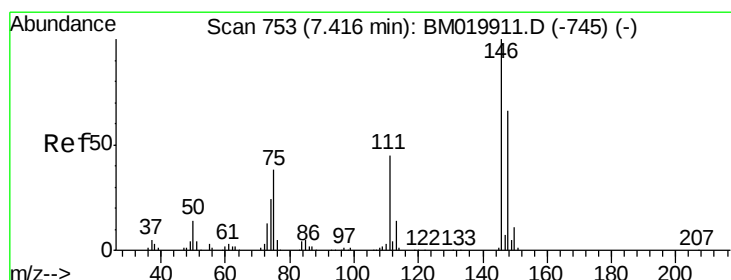
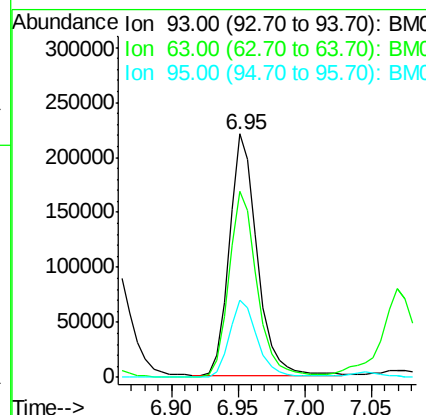
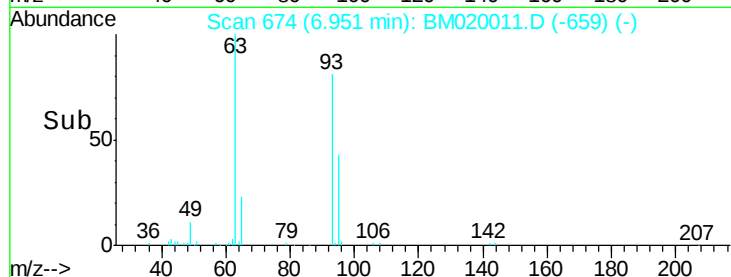
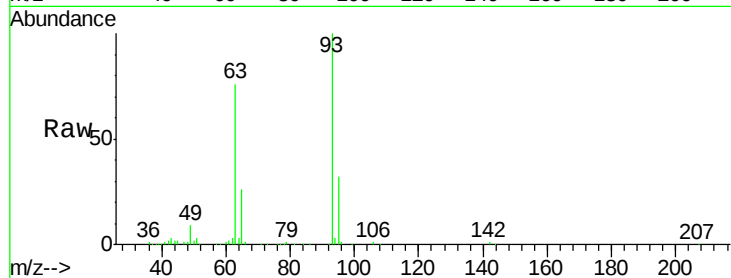
#11
bis(2-Chloroethyl)ether
Concen: 39.453 ng
RT: 6.95 min Scan# 674
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.4	55.8	95.8
95	31.8	11.6	51.6

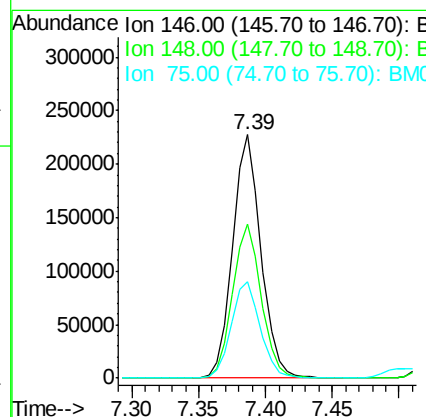
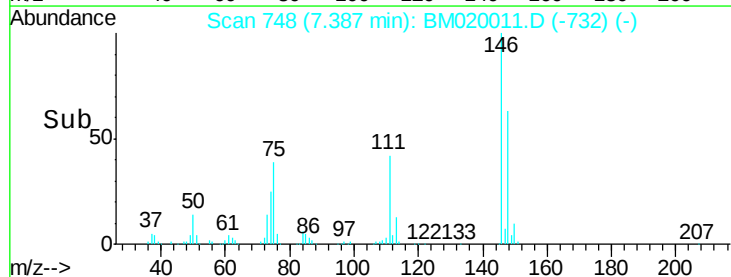
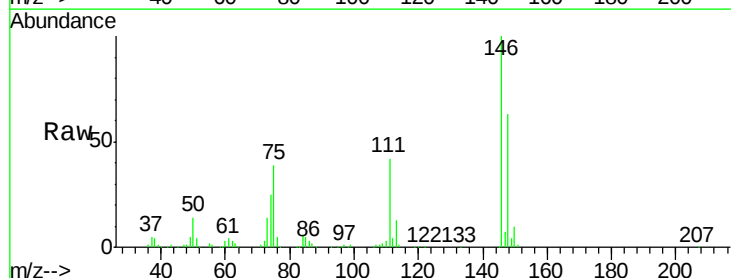
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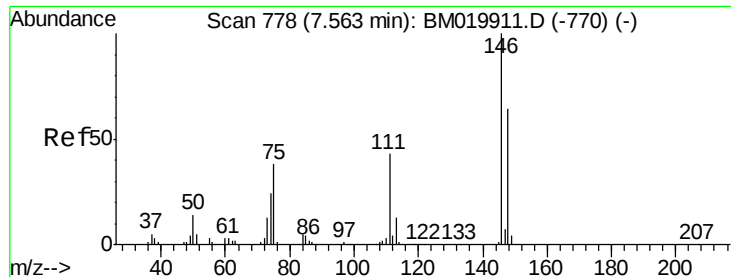
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 7.39 min Scan# 748
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.6	78.8
75	39.4	30.0	45.0





#13

1,4-Dichlorobenzene

Concen: 38.356 ng

RT: 7.53 min Scan# 773

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

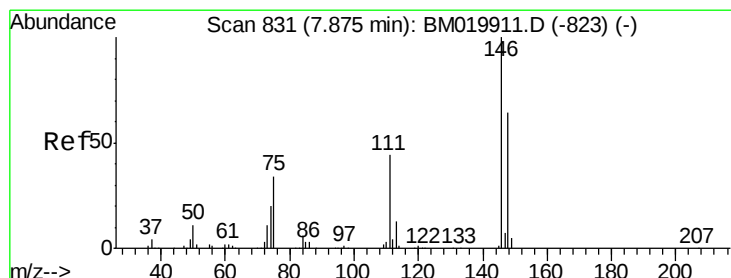
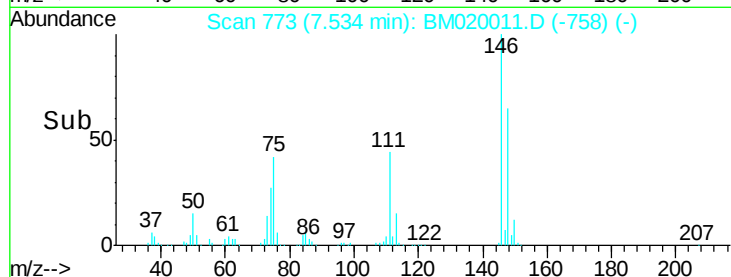
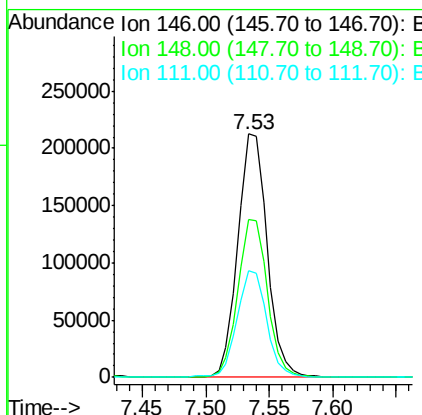
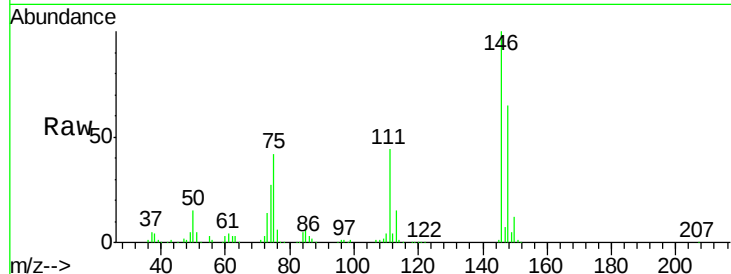
ClientSampleId :

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Tgt Ion:	146	Resp:	342665
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.1	76.7
111	43.8	34.6	51.8

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#14

1,2-Dichlorobenzene

Concen: 38.343 ng

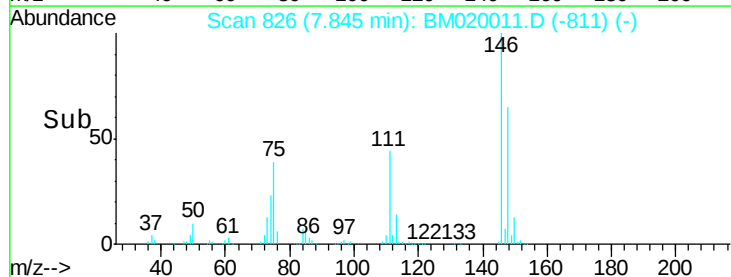
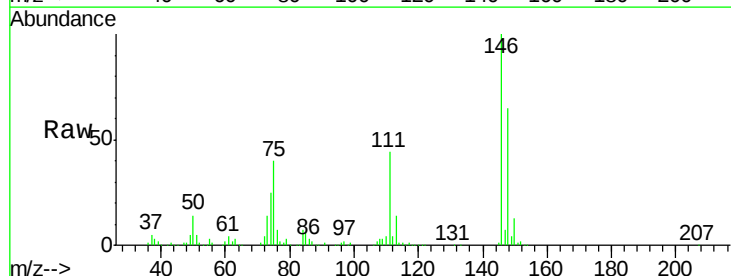
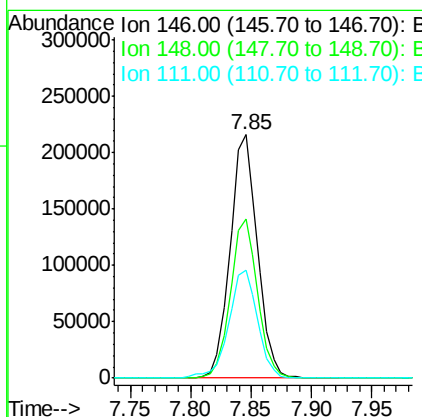
RT: 7.85 min Scan# 826

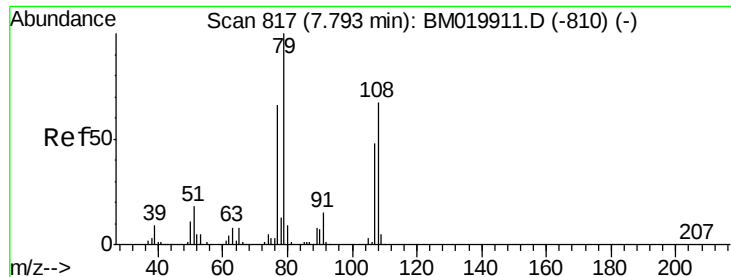
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	146	Resp:	339646
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.4	77.2
111	44.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 36.608 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

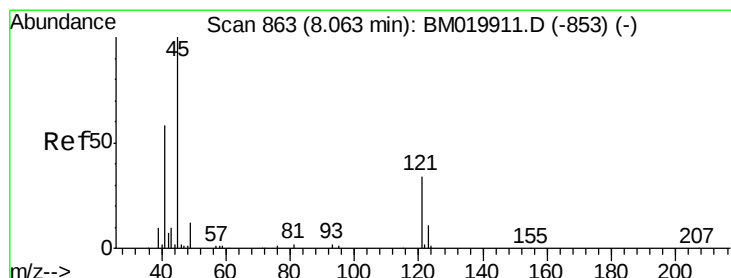
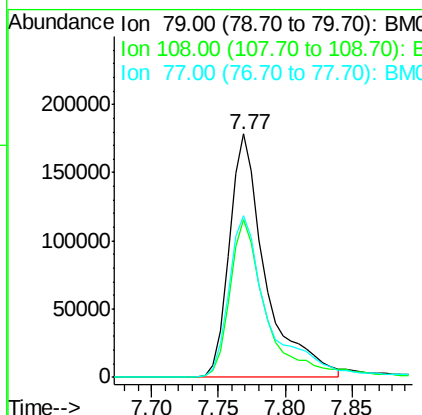
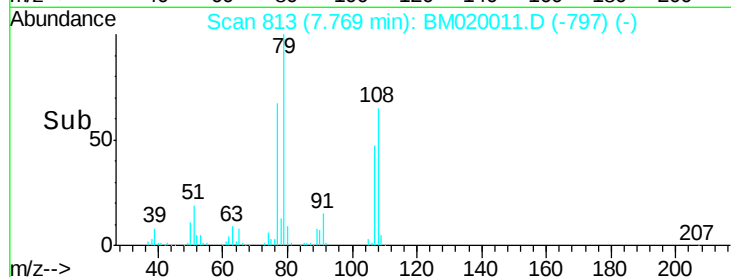
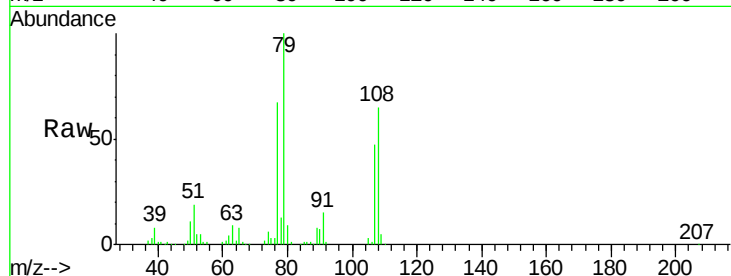
ClientSampleId :

HR-05-041719-AMSD

Tgt Ion:	79	Resp:	337763
Ion Ratio	Lower	Upper	
79	100		
108	64.9	53.9	80.9
77	66.5	53.1	79.7

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.415 ng

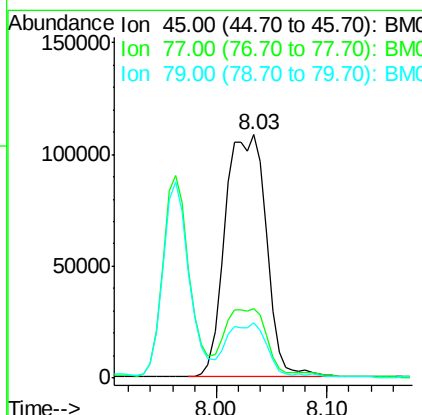
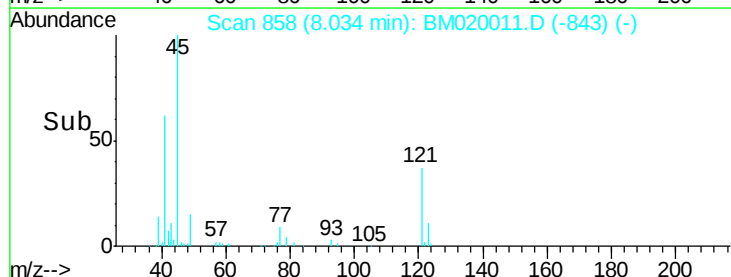
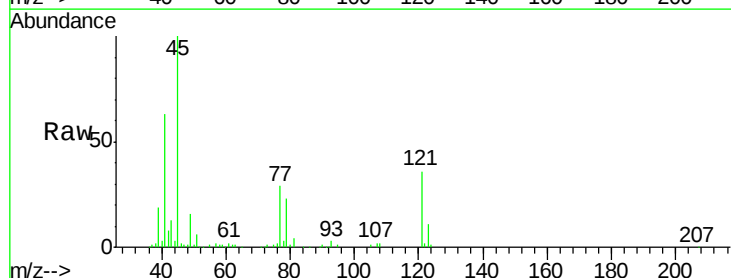
RT: 8.03 min Scan# 858

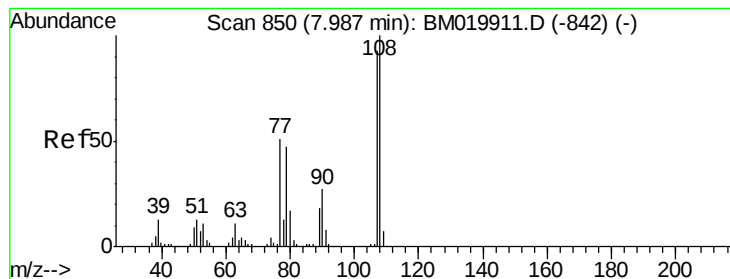
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

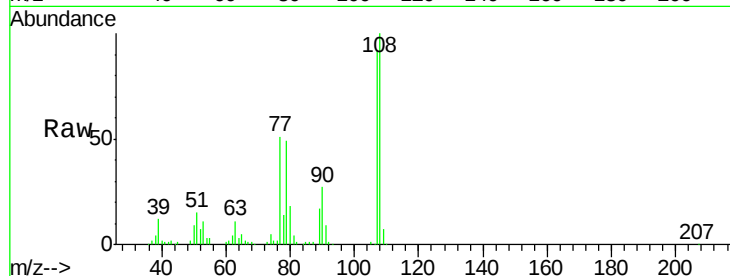
Tgt Ion:	45	Resp:	281631
Ion Ratio	Lower	Upper	
45	100		
77	28.5	7.2	47.2
79	22.8	1.2	41.2





#17
2-Methylphenol
Concen: 36.355 ng
RT: 7.96 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

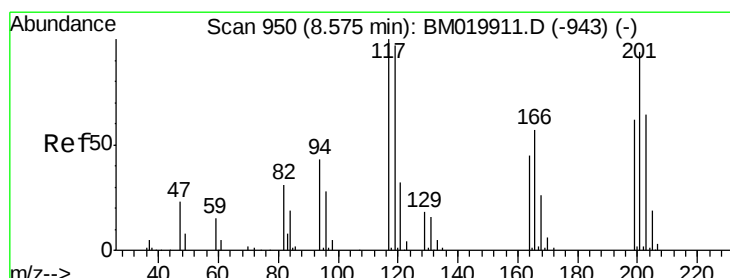
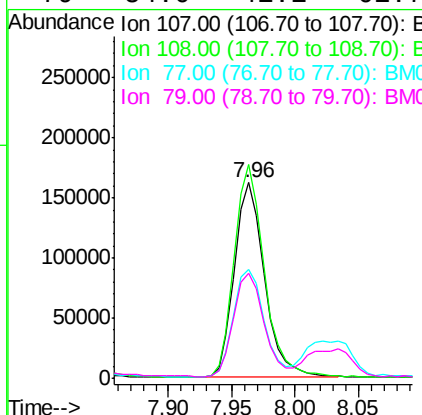
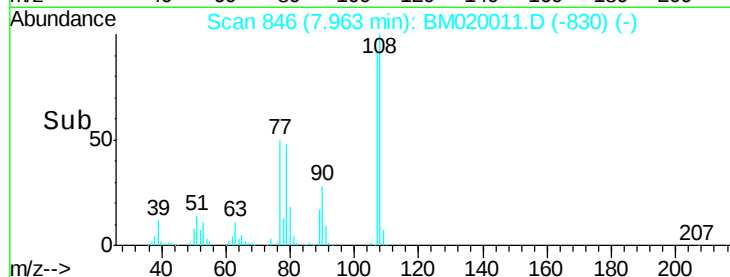
Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	266802		
108	109.2	85.9	128.9	
77	55.8	43.8	65.6	
79	54.0	41.1	61.7	

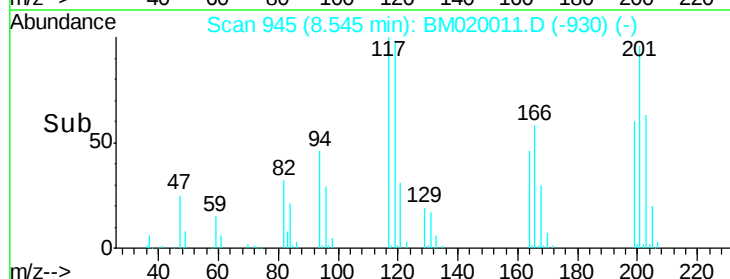
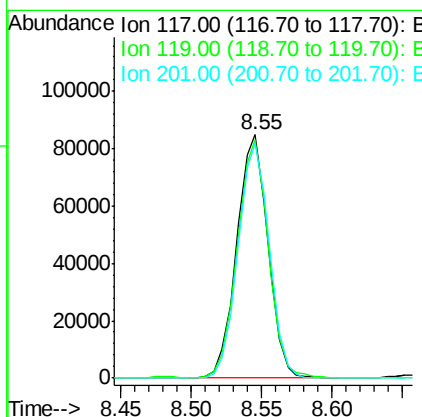
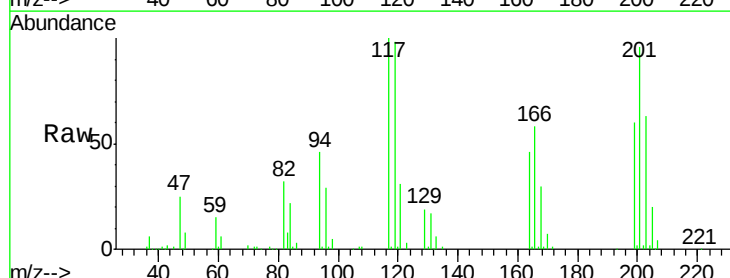
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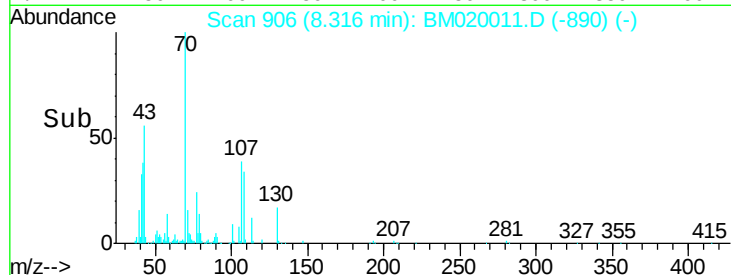
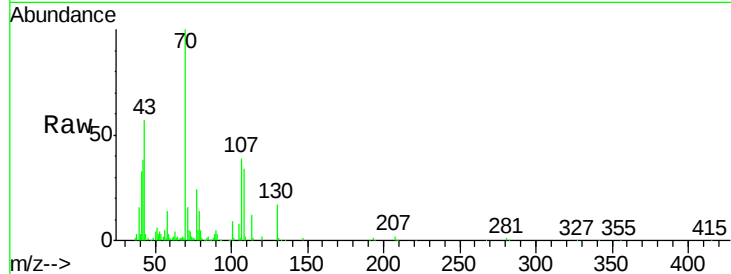
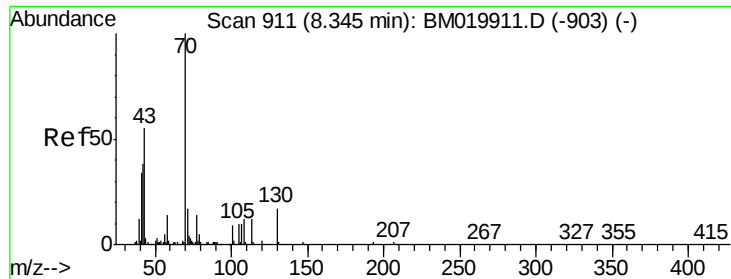
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#18
Hexachloroethane
Concen: 37.658 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	130776		
119	97.9	77.6	116.4	
201	96.4	75.4	113.2	





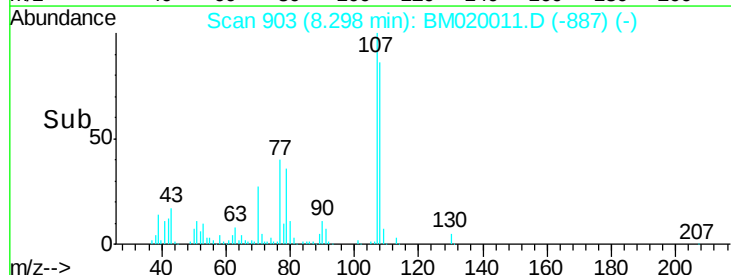
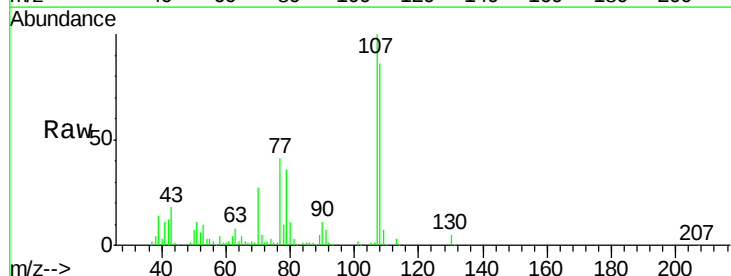
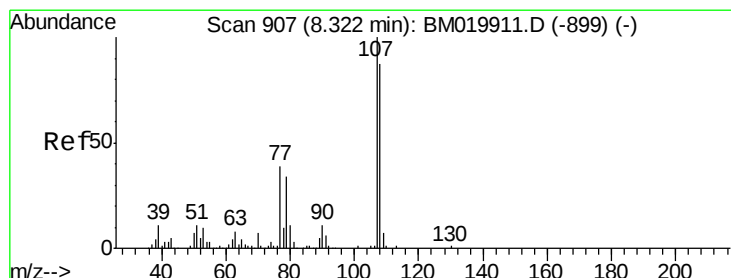
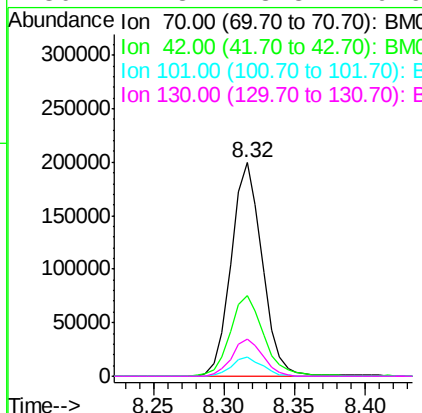
#19
n-Nitroso-di-n-propylamine
Concen: 34.359 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.0	30.3	45.5	
101	8.8	6.9	10.3	
130	17.3	13.8	20.6	

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

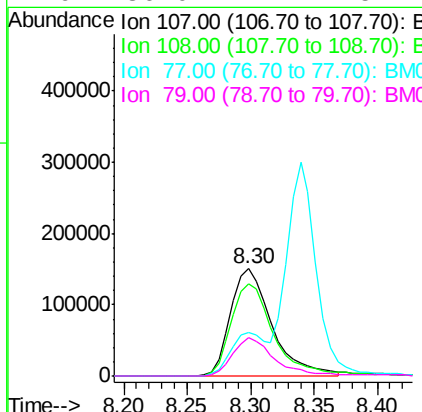
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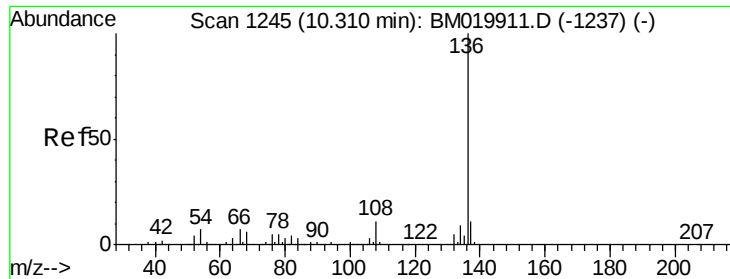
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#20
3+4-Methylphenols
Concen: 34.024 ng
RT: 8.30 min Scan# 903
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.2	67.4	107.4	
77	40.6	19.7	59.7	
79	36.0	14.1	54.1	





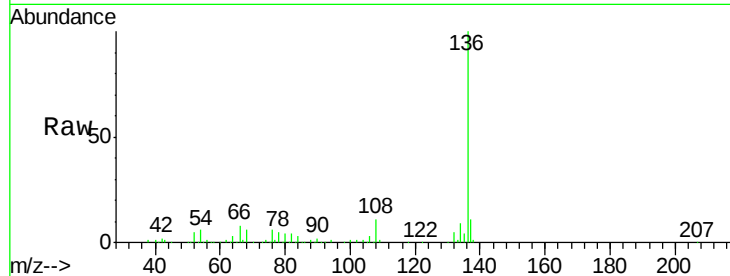
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

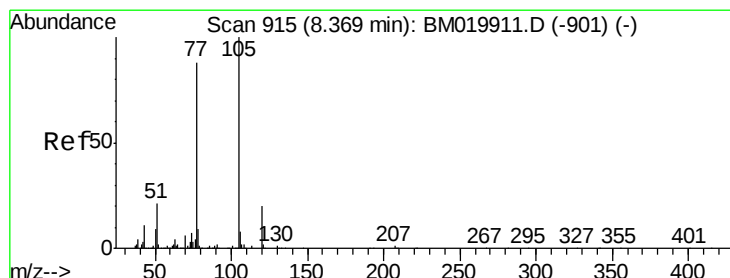
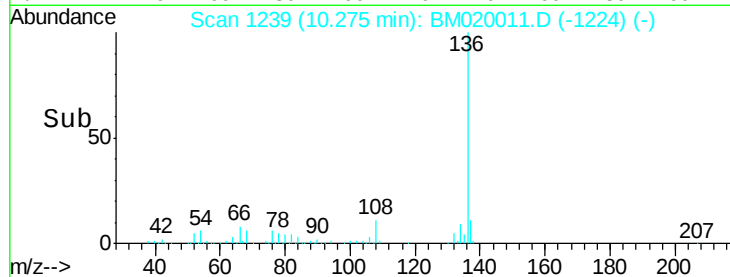
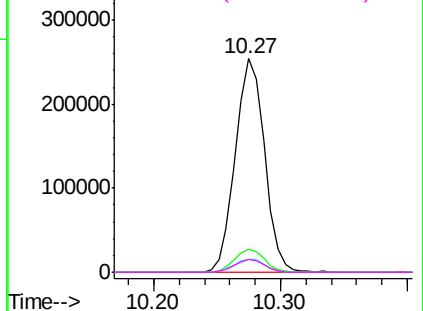
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	407061		
137	10.8	9.0	13.6	
54	6.1	5.3	7.9	
68	6.2	5.2	7.8	

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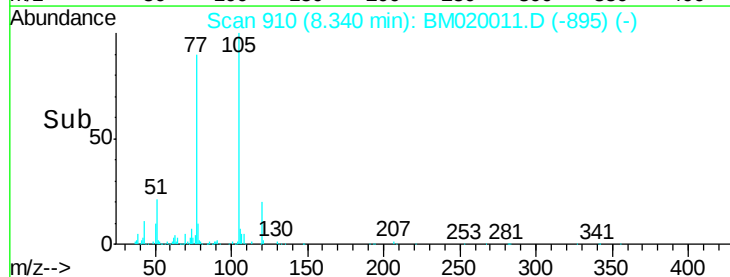
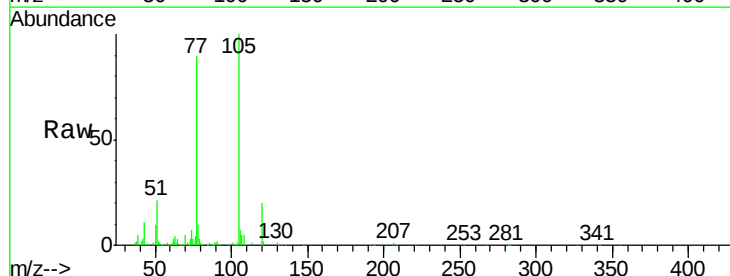
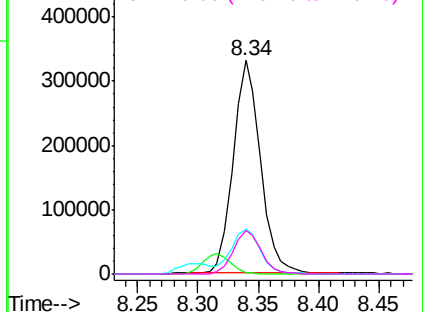
Abundance Ion 136.00 (135.70 to 136.70): E
400000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

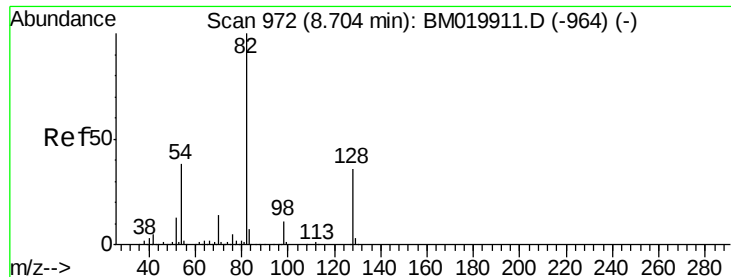


#22
Acetophenone
Concen: 46.871 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	519666		
71	0.8	0.8	1.2	
51	21.2	16.9	25.3	
120	20.1	16.4	24.6	

Abundance Ion 105.00 (104.70 to 105.70): E
500000
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





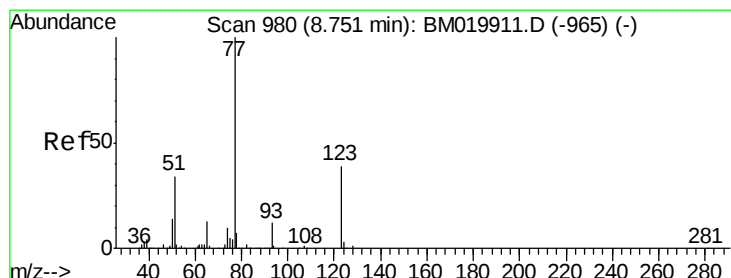
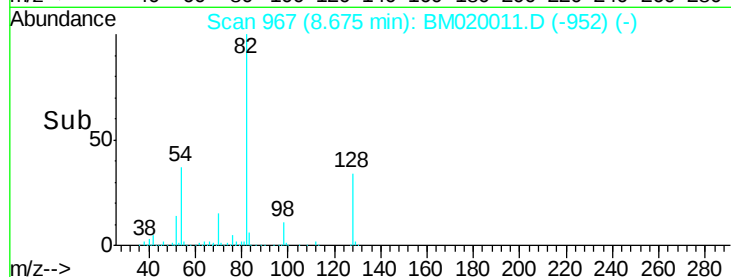
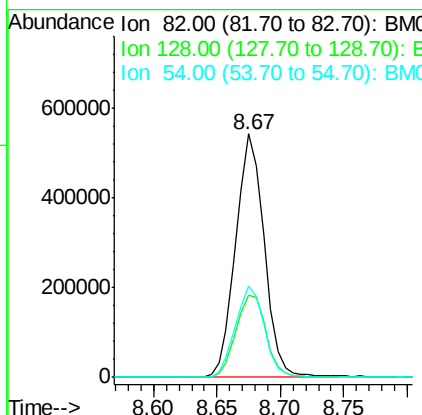
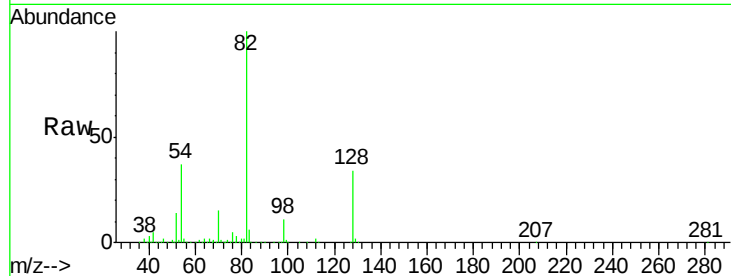
#23
 Nitrobenzene-d5
 Concen: 93.555 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.0	29.0	43.4	
54	37.3	30.2	45.4	

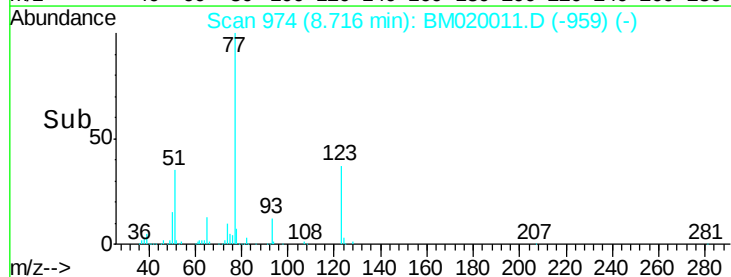
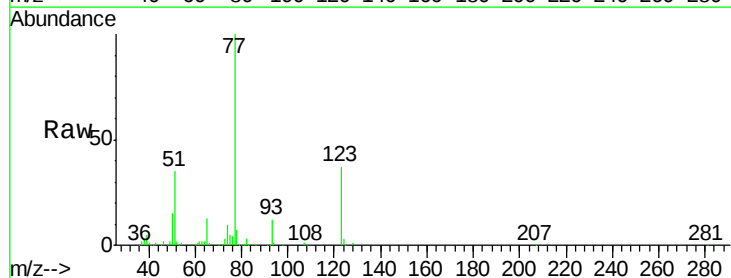
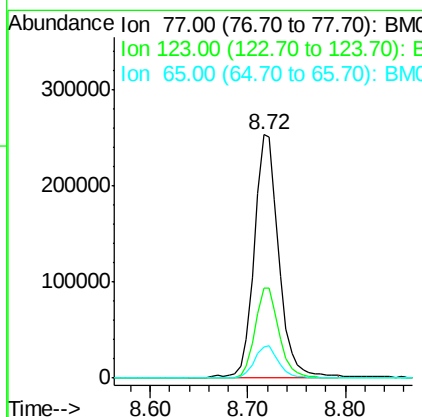
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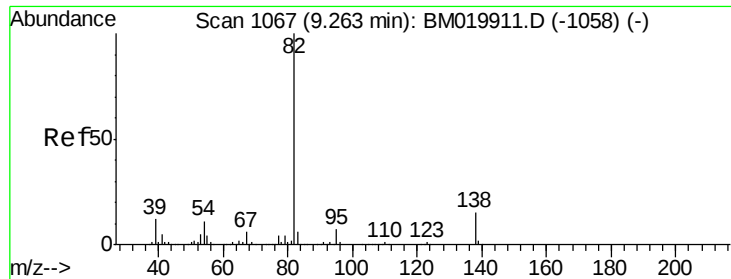
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#24
 Nitrobenzene
 Concen: 47.673 ng
 RT: 8.72 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	36.8	31.0	46.4	
65	13.0	10.6	16.0	





#25

Isophorone

Concen: 42.289 ng

RT: 9.23 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

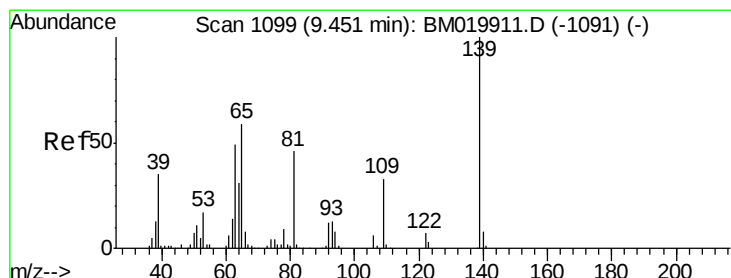
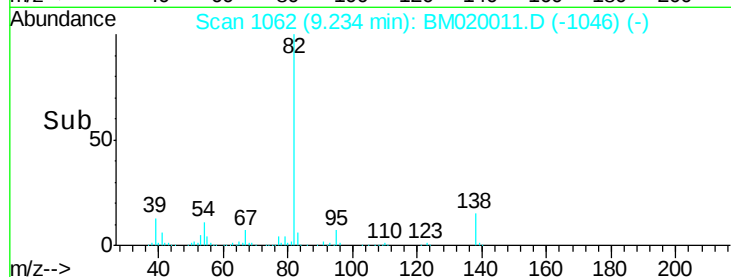
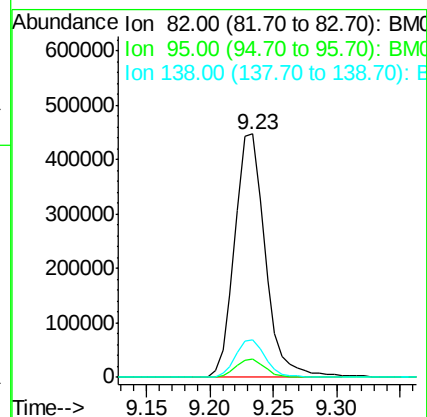
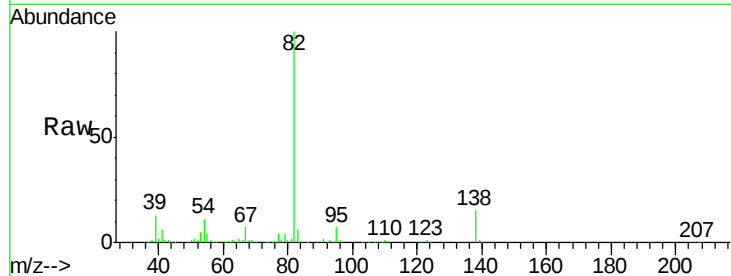
ClientSampleId :

HR-05-041719-AMSD

Tgt Ion:	82	Resp:	749298
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.5	8.3
138	15.4	12.2	18.2

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#26

2-Nitrophenol

Concen: 42.878 ng

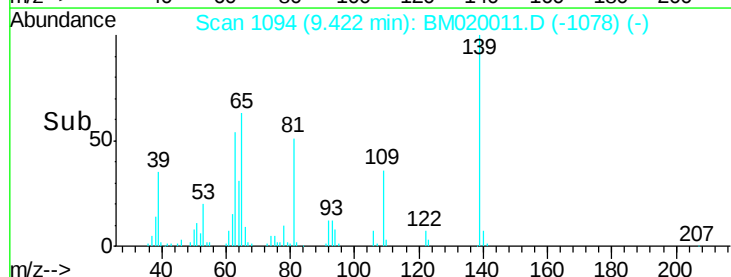
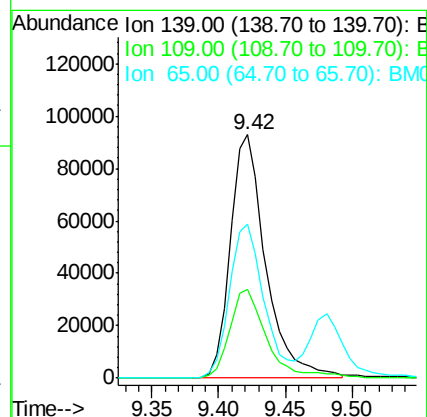
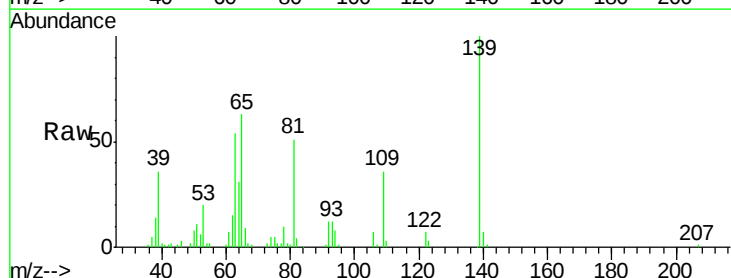
RT: 9.42 min Scan# 1094

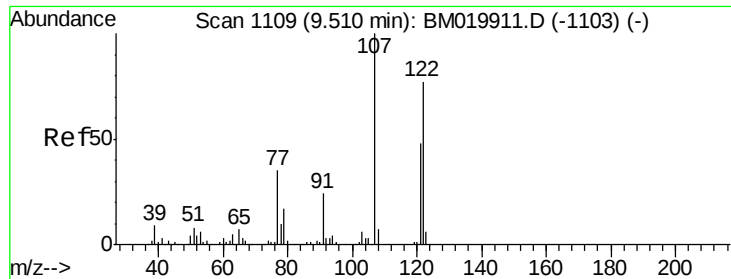
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

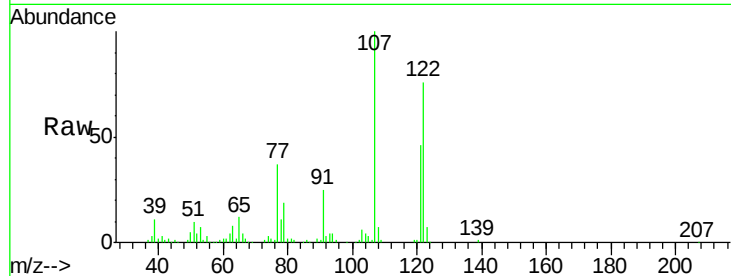
Tgt Ion:	139	Resp:	172293
Ion Ratio	Lower	Upper	
139	100		
109	36.2	26.3	39.5
65	63.3	47.4	71.2





#27
 2,4-Dimethylphenol
 Concen: 48.424 ng
 RT: 9.48 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

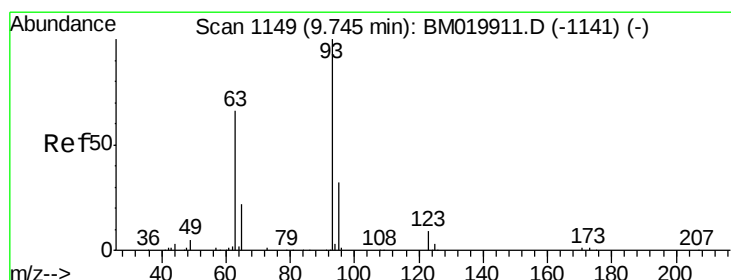
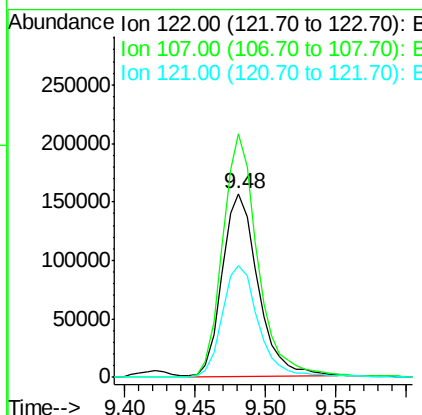
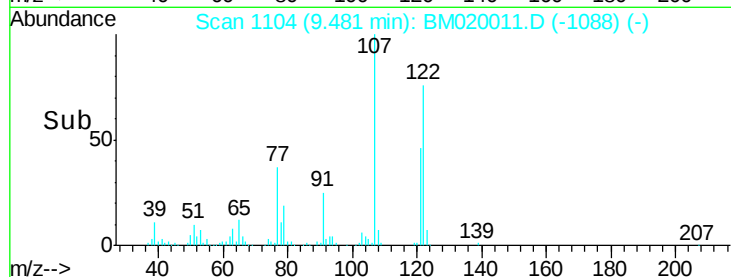
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD



Tgt Ion	Ratio	Lower	Upper
122	100		
107	132.4	103.1	154.7
121	60.5	49.8	74.8

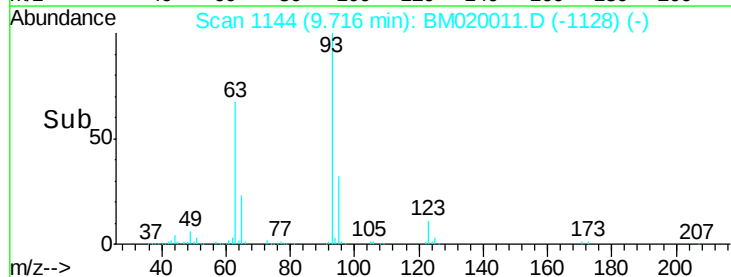
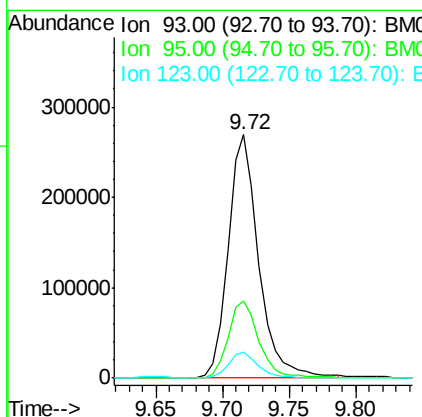
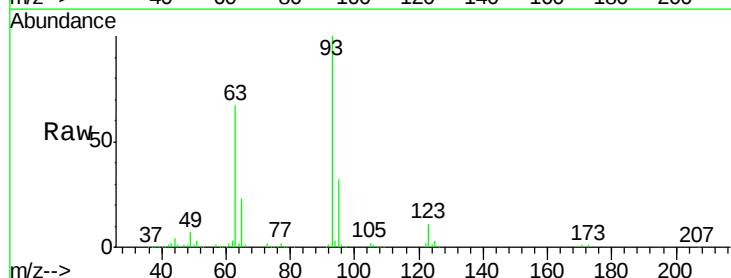
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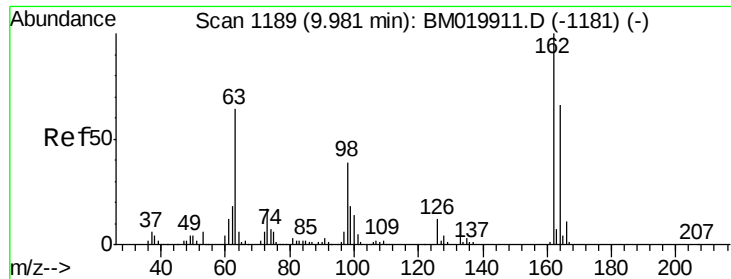
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.338 ng
 RT: 9.72 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.8	38.8
123	10.5	8.2	12.2





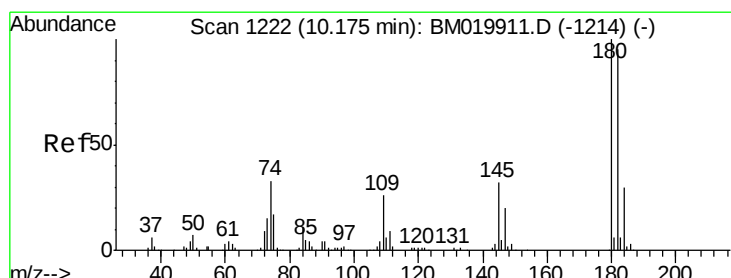
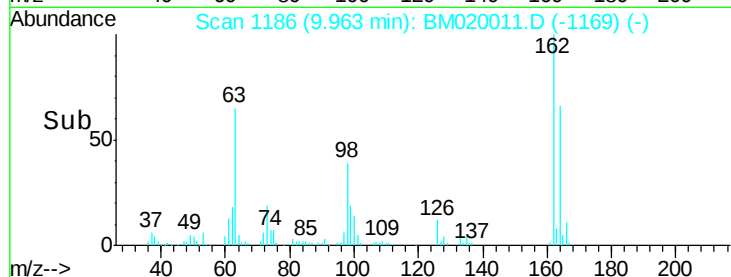
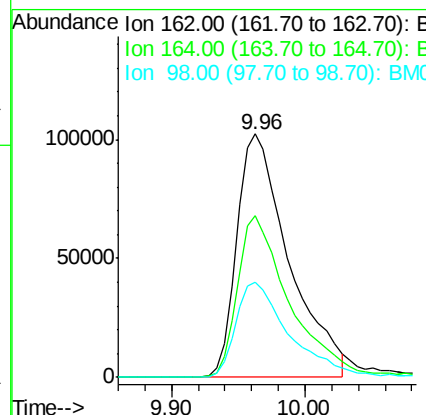
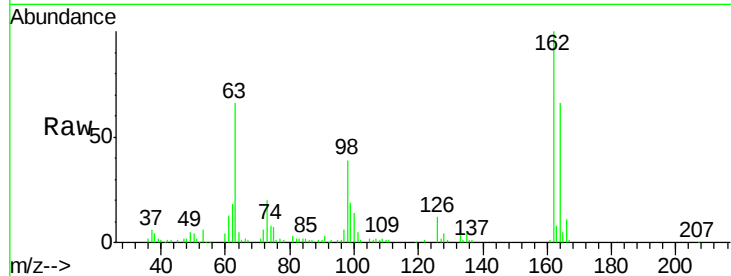
#29
 2,4-Dichlorophenol
 Concen: 43.025 ng
 RT: 9.96 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	277622		
164	66.3	46.3	86.3	
98	39.1	19.2	59.2	

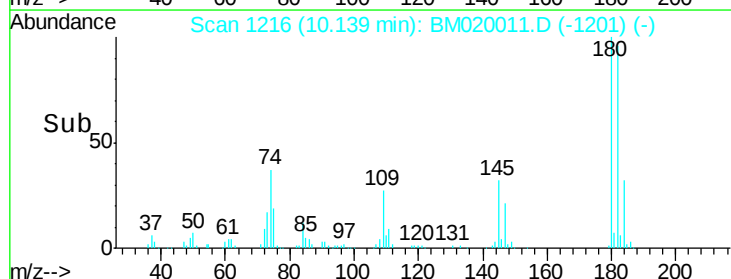
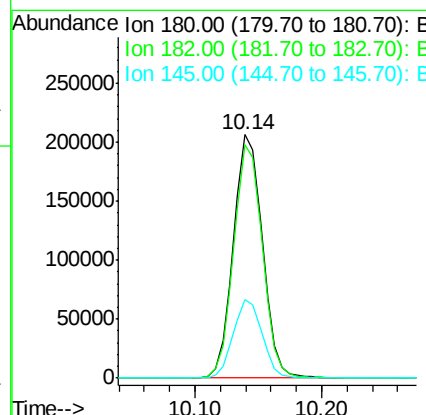
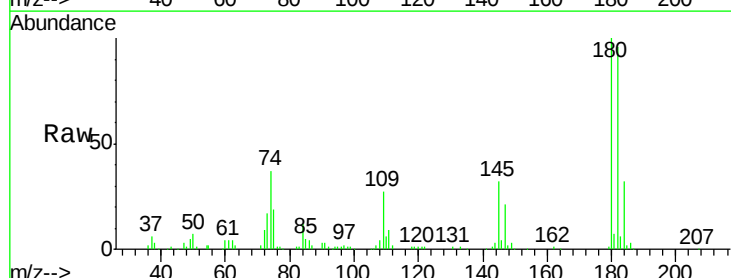
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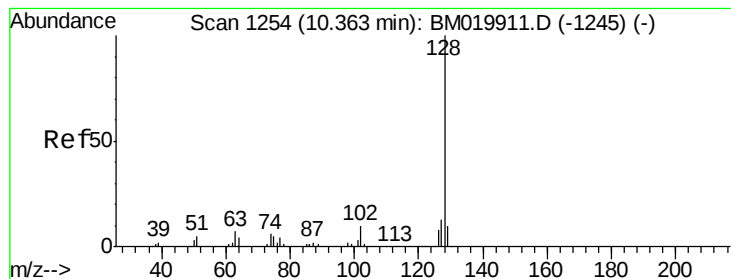
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.070 ng
 RT: 10.14 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	326894		
182	95.9	76.3	114.5	
145	32.0	25.5	38.3	





#31

Naphthalene

Concen: 45.365 ng

RT: 10.33 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

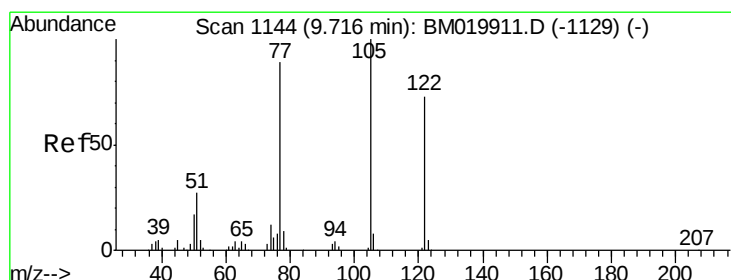
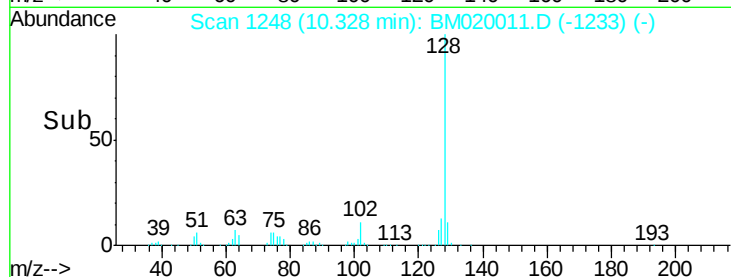
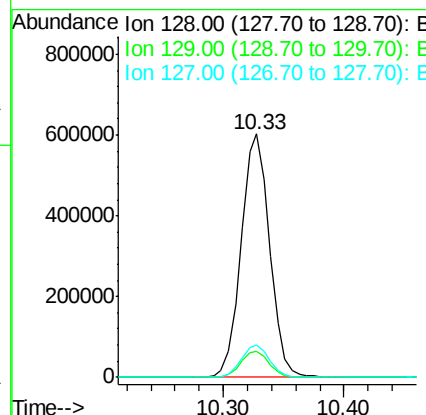
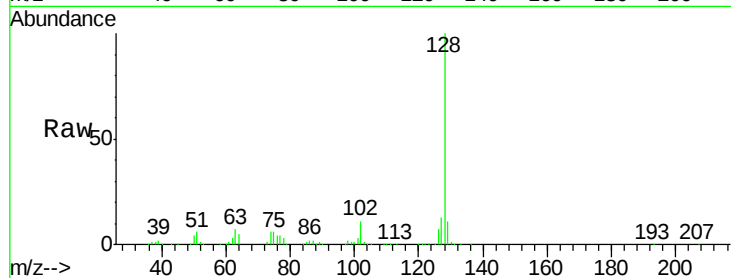
ClientSampleId :

HR-05-041719-AMSD

Tgt Ion:	128	Resp:	990478
Ion Ratio		Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.2	10.4	15.6

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#32

Benzoic acid

Concen: 15.870 ng

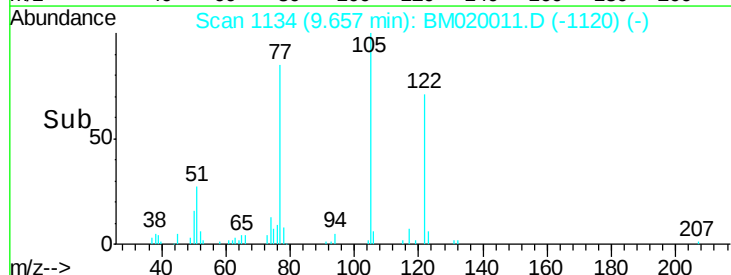
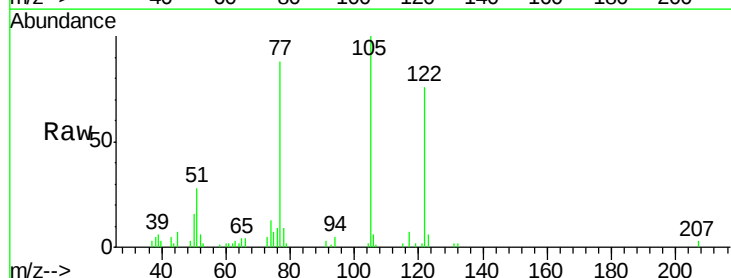
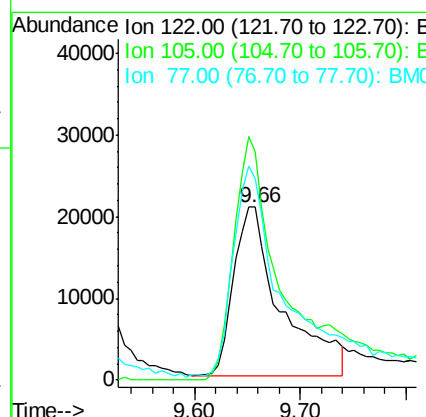
RT: 9.66 min Scan# 1134

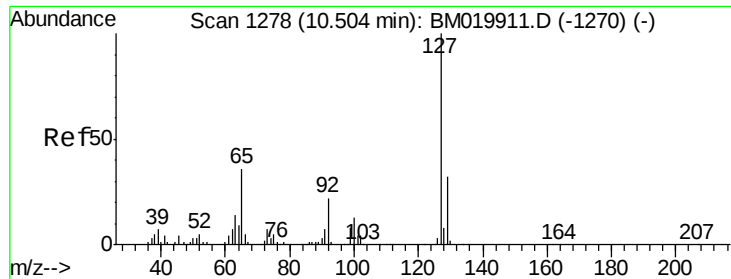
Delta R.T. -0.02 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	122	Resp:	64610
Ion Ratio		Lower	Upper
122	100		
105	131.9	114.8	154.8
77	116.5	100.2	140.2





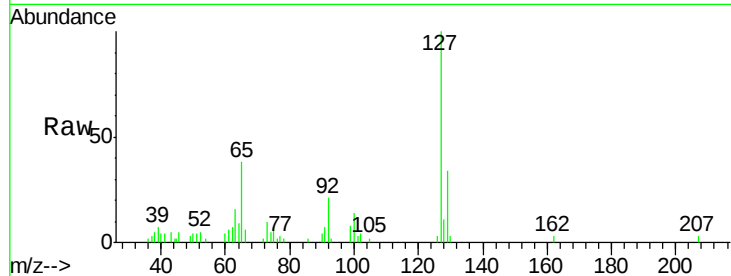
#33
4-Chloroaniline
Concen: 4.720 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.02 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

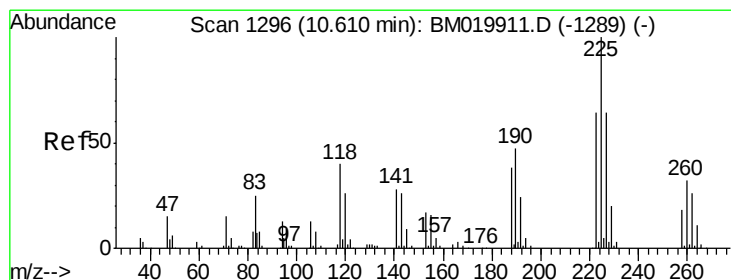
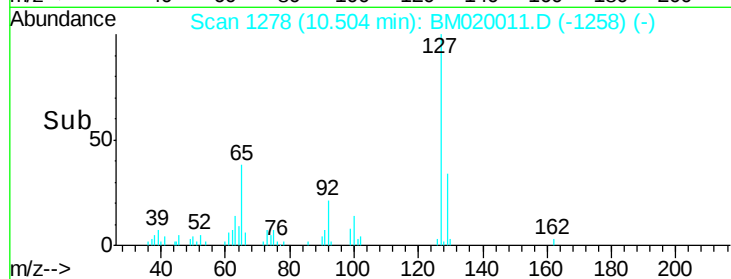
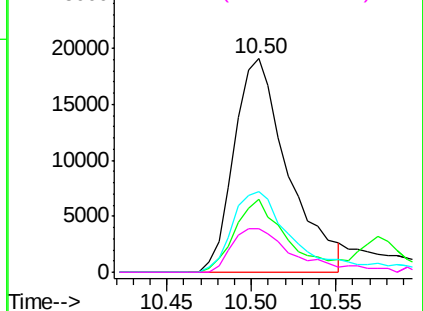
Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.4	38.0
65	37.7	29.2	43.8
92	20.5	17.5	26.3

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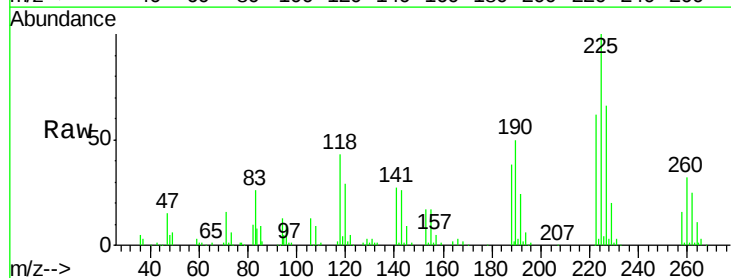


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

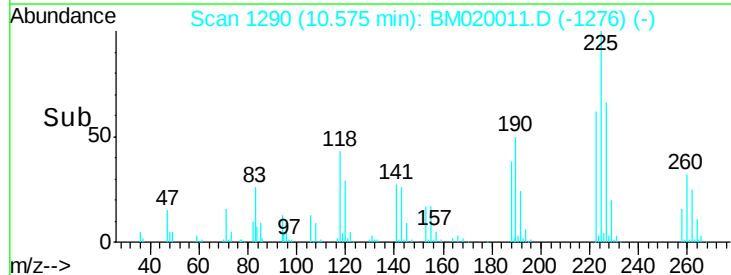
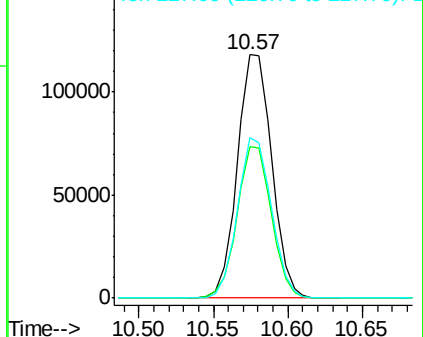


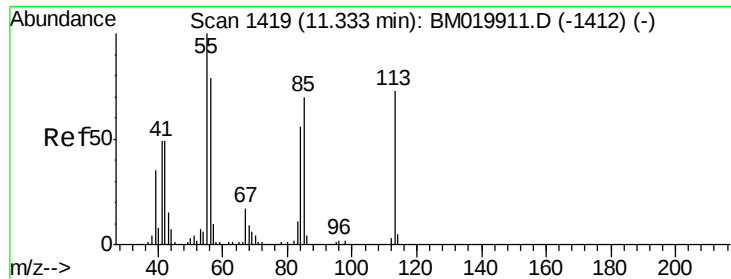
#34
Hexachlorobutadiene
Concen: 46.283 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.4	77.2
227	66.1	51.0	76.6



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





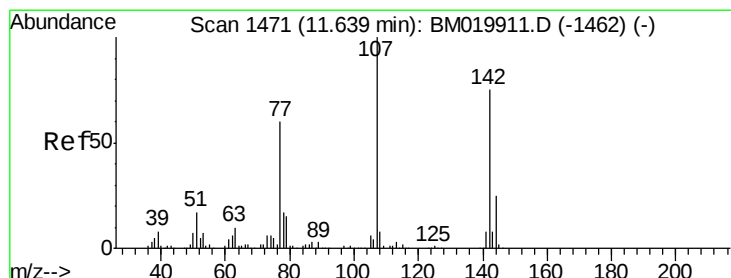
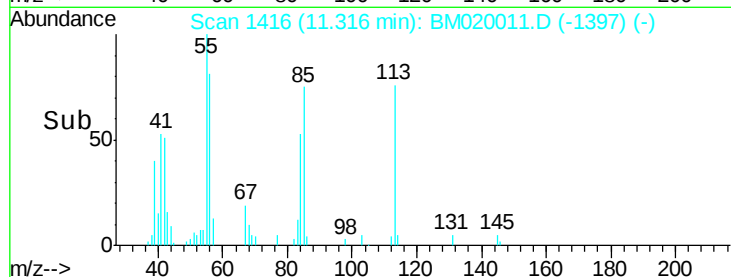
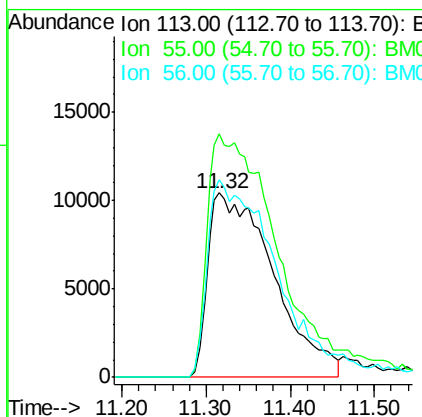
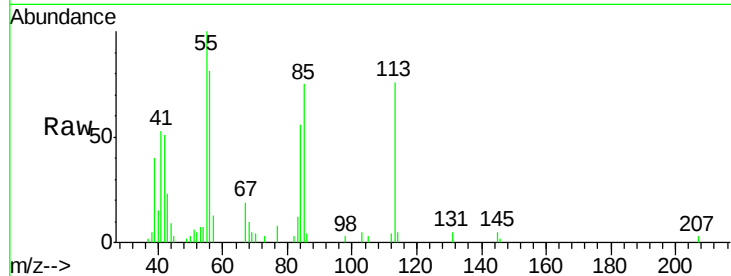
#35
 Caprolactam
 Concen: 23.191 ng m
 RT: 11.32 min Scan# 1416
 Delta R.T. 0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion:113 Resp: 56642
 Ion Ratio Lower Upper
 113 100
 55 131.9 117.1 157.1
 56 107.1 88.2 128.2

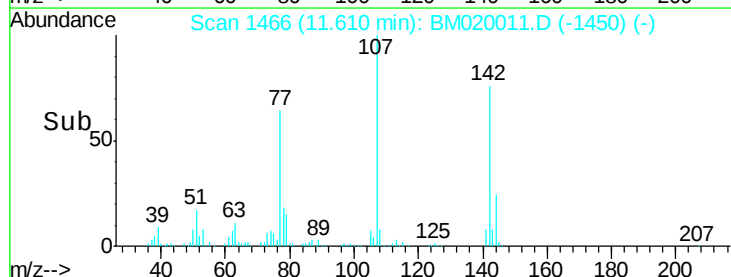
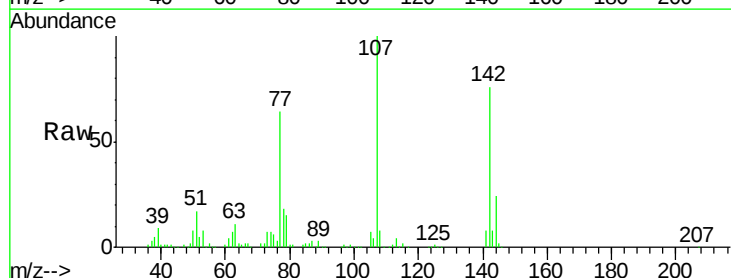
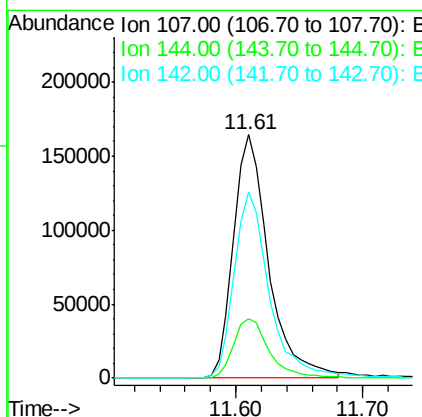
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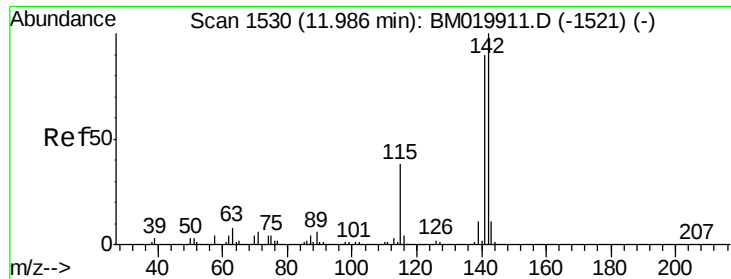
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#36
 4-Chloro-3-methylphenol
 Concen: 39.547 ng
 RT: 11.61 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion:107 Resp: 317069
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.8 29.8
 142 76.4 60.3 90.5





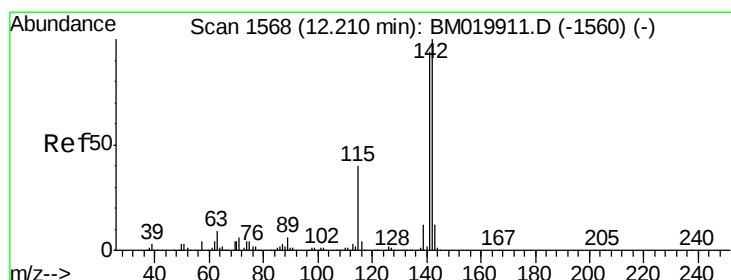
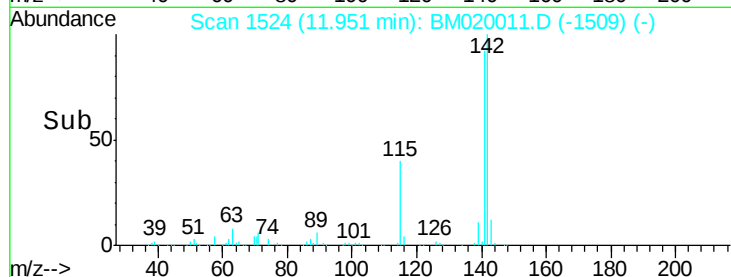
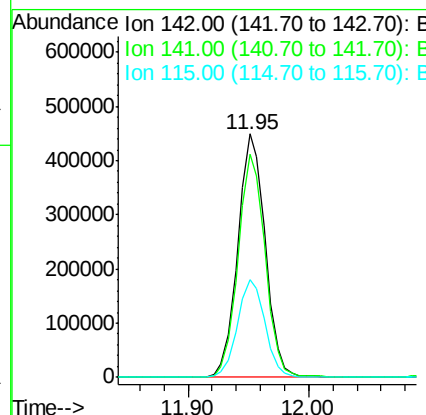
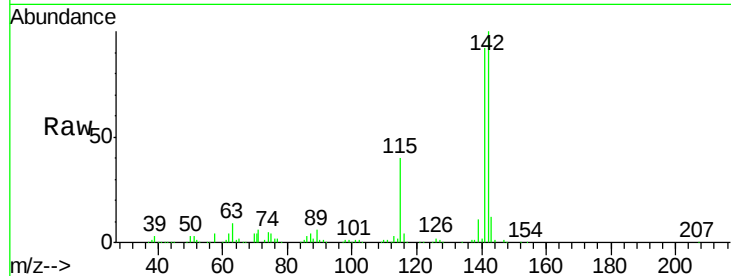
#37
2-Methylnaphthalene
Concen: 44.830 ng
RT: 11.95 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	72.3	108.5
115	40.1	30.5	45.7

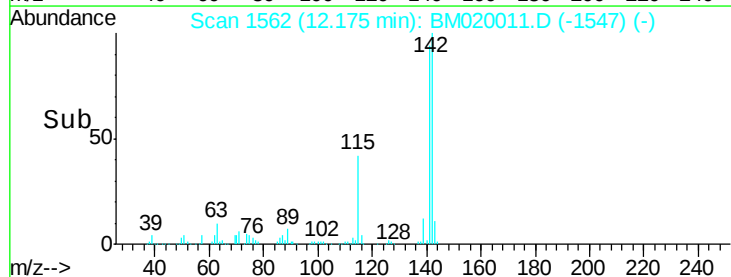
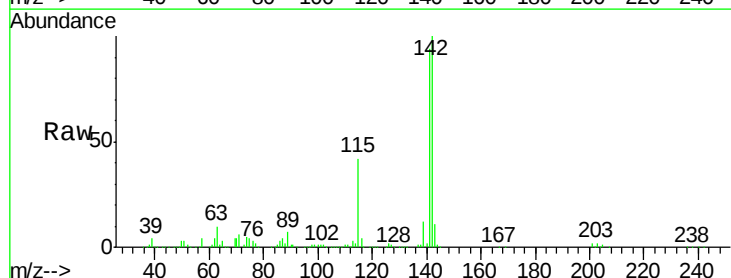
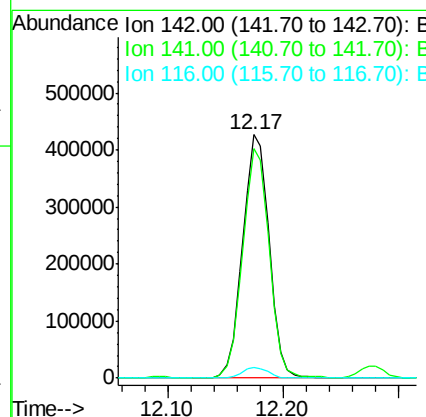
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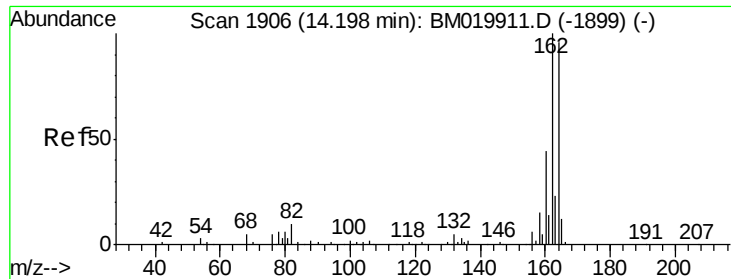
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#38
1-Methylnaphthalene
Concen: 43.158 ng
RT: 12.17 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.7	113.5
116	4.4	3.4	5.2





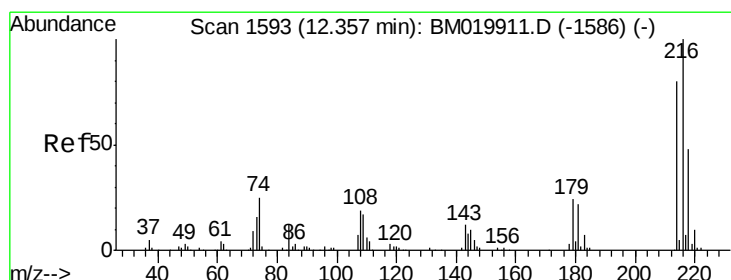
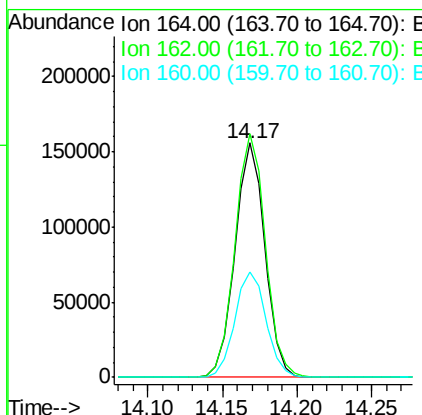
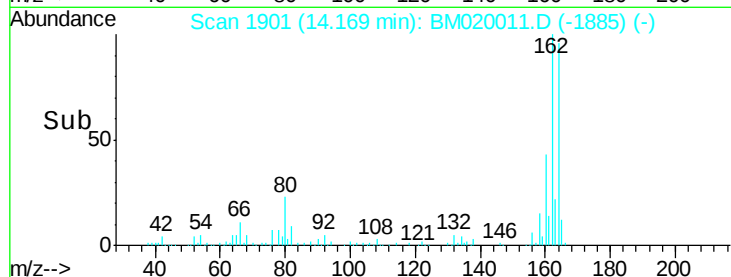
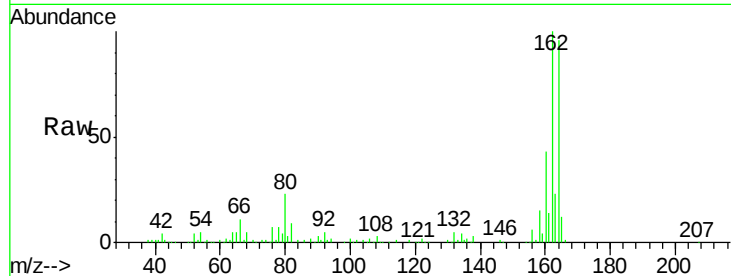
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	217769		
162	103.9	83.0	124.4	
160	44.7	36.6	55.0	

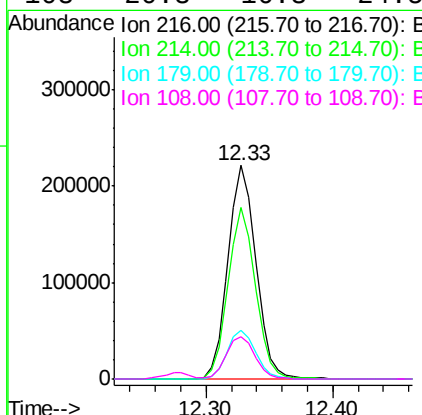
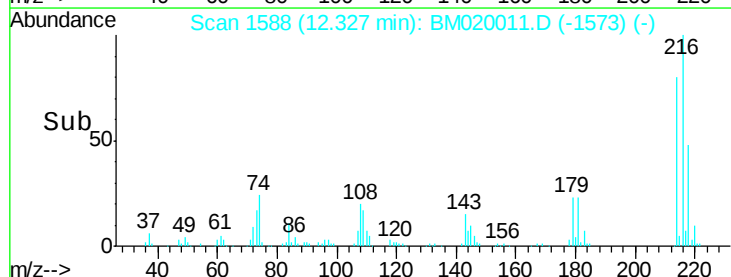
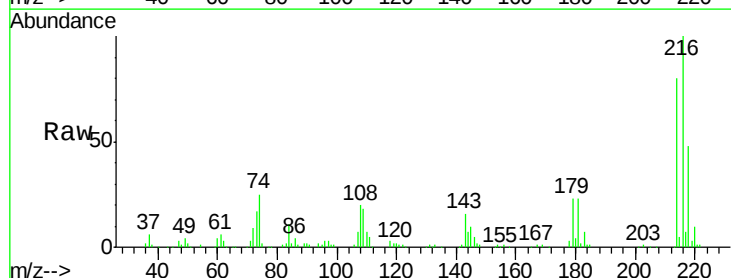
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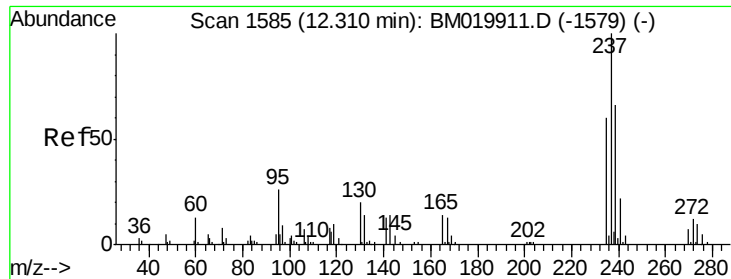
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.507 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	339311		
214	78.8	63.1	94.7	
179	23.0	19.0	28.6	
108	20.3	16.3	24.5	





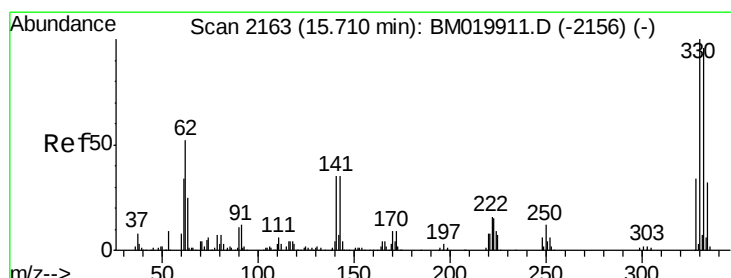
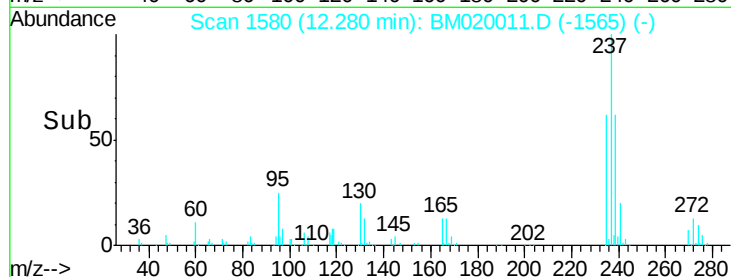
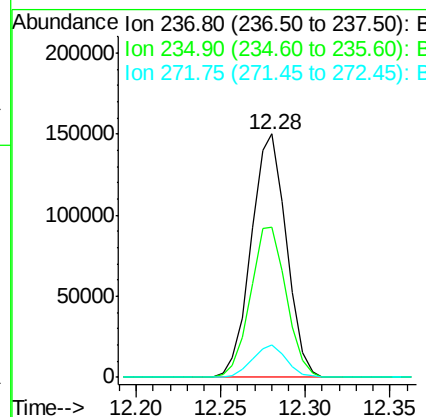
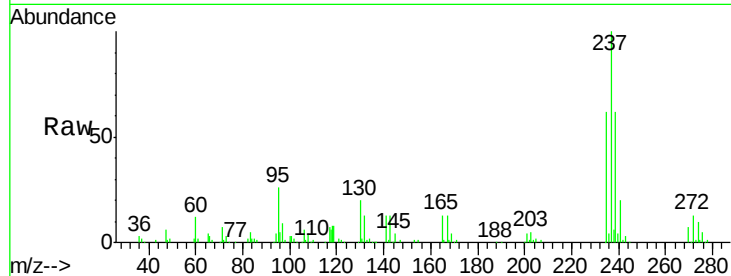
#41
Hexachlorocyclopentadiene
Concen: 89.517 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.9	40.4	80.4
272	13.4	0.0	32.3

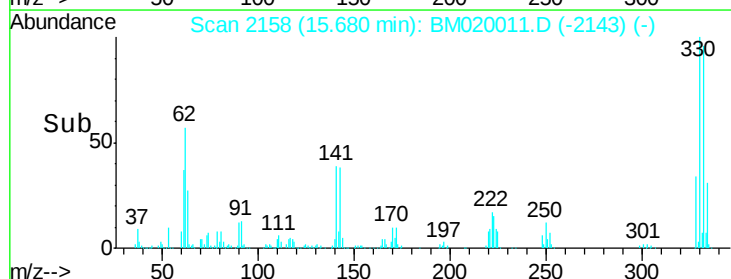
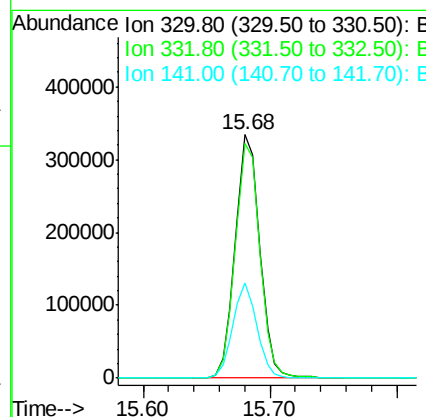
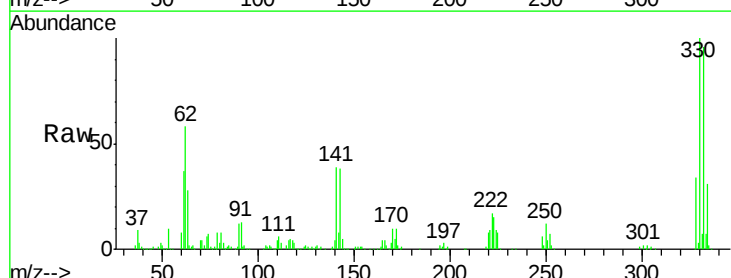
Manual Integrations
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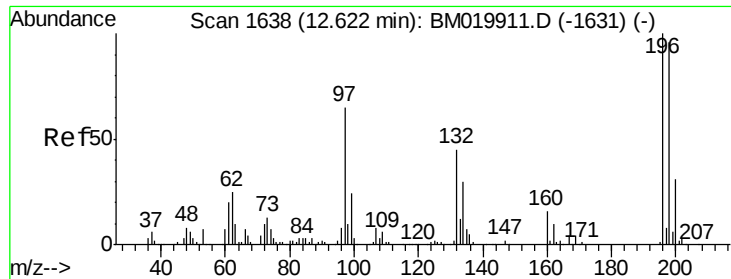
Sohil
4/23/2019 4:13:34 PM



#42
2,4,6-Tribromophenol
Concen: 127.666 ng
RT: 15.68 min Scan# 2158
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.3	77.4	116.2
141	38.8	29.0	43.4





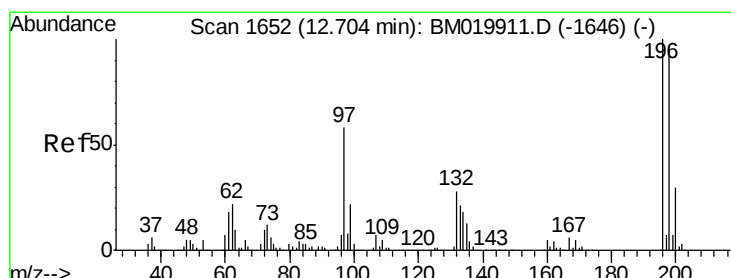
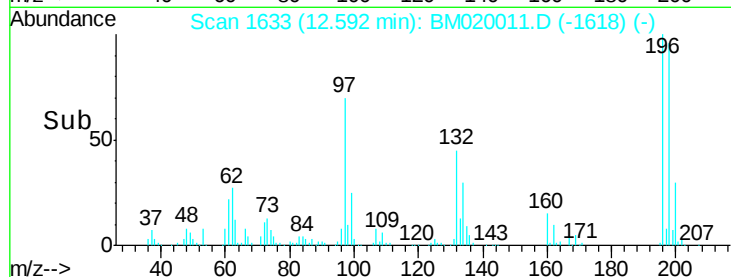
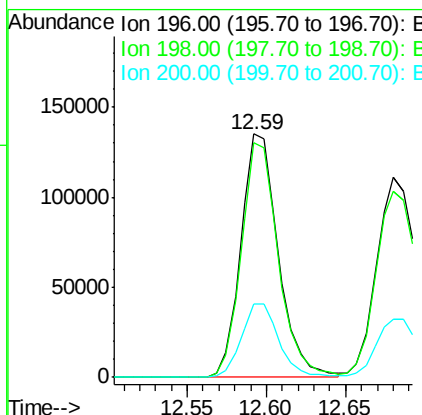
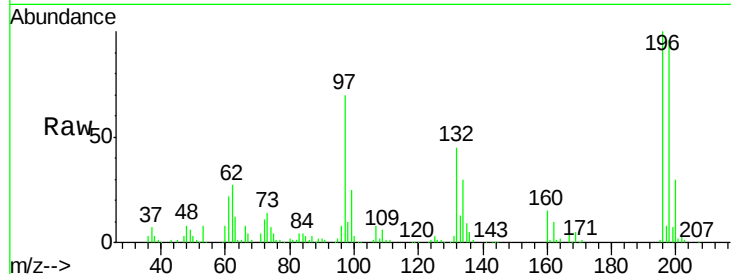
#43
 2,4,6-Trichlorophenol
 Concen: 48.506 ng
 RT: 12.59 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220928		
198	96.4	76.8	115.2	
200	30.1	24.6	37.0	

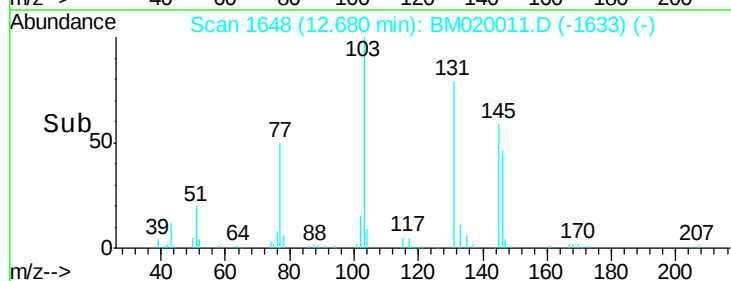
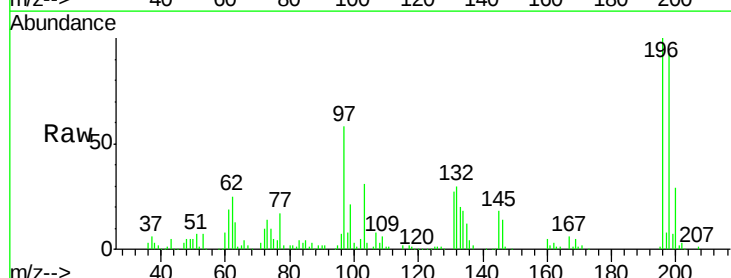
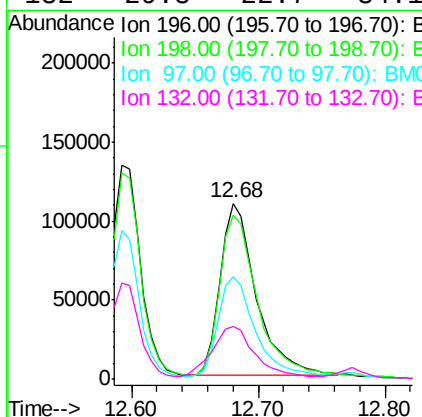
Manual Integrations
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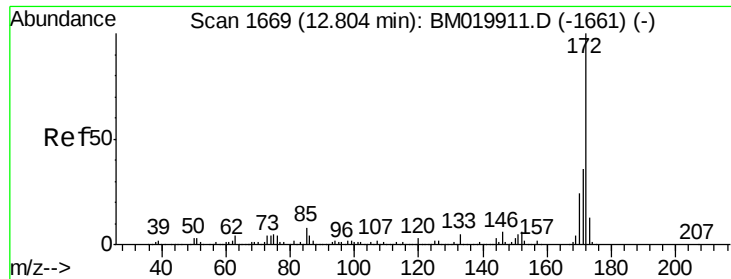
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 46.010 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218107		
198	93.0	77.8	116.8	
97	58.4	46.2	69.2	
132	29.8	22.7	34.1	





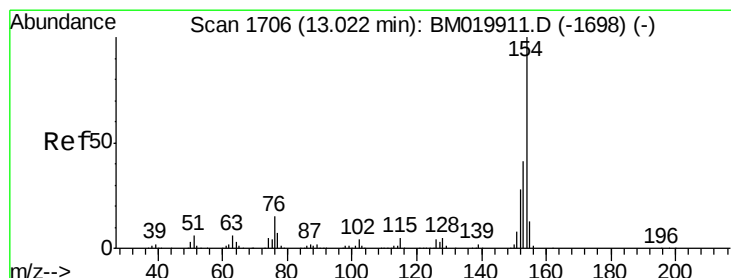
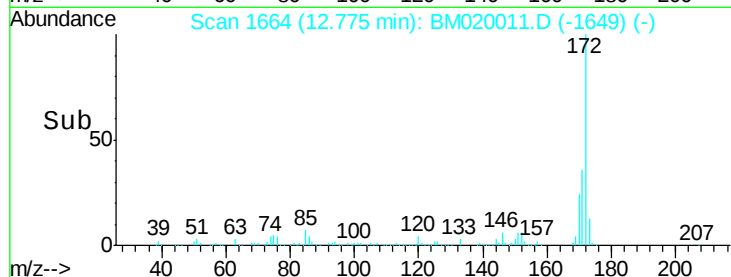
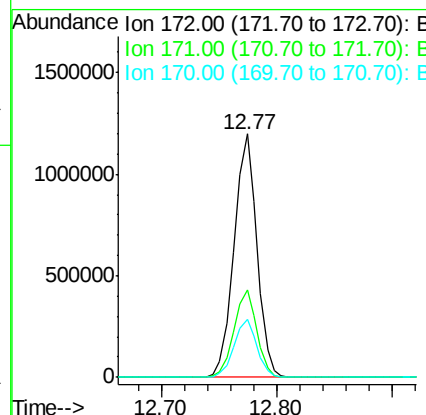
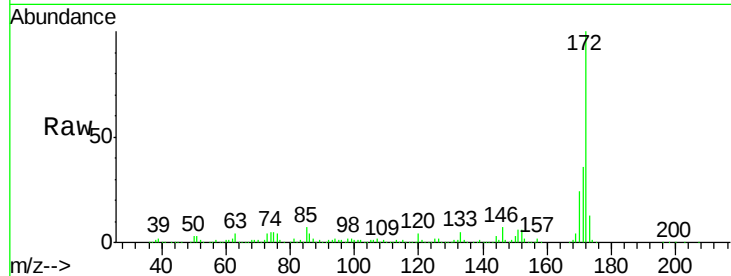
#45
 2-Fluorobiphenyl
 Concen: 93.570 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.6	19.0	28.4

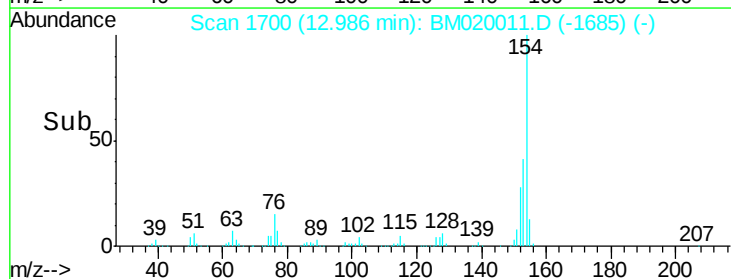
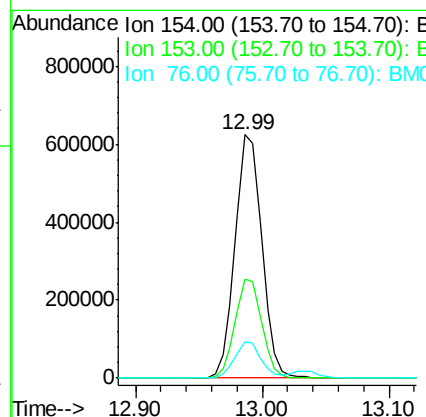
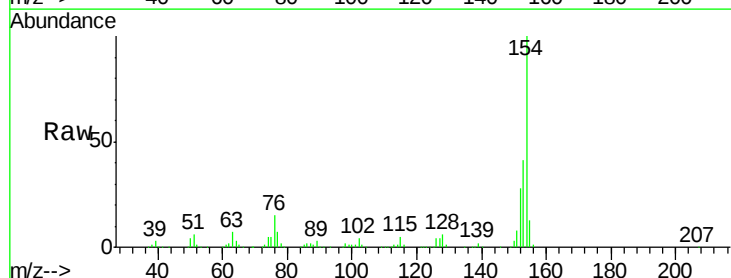
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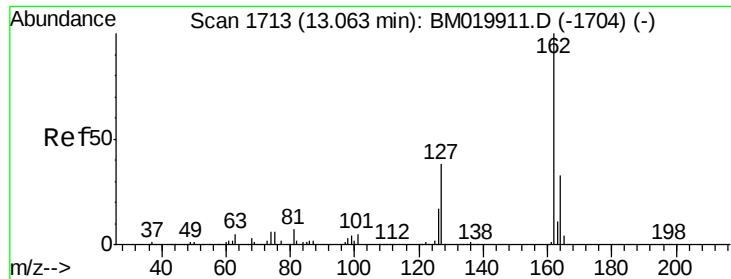
Sohil
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#46
 1,1'-Biphenyl
 Concen: 48.268 ng
 RT: 12.99 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.0	61.0
76	14.8	0.0	34.8





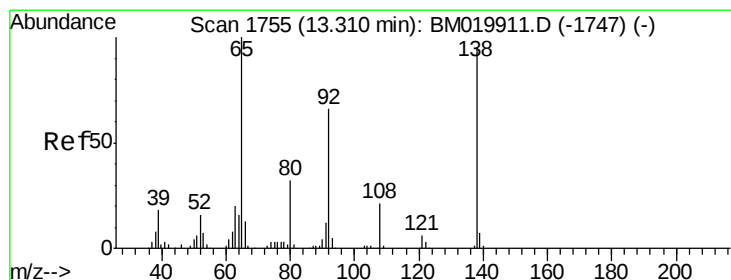
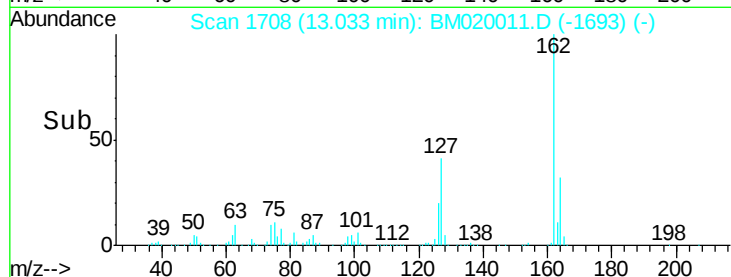
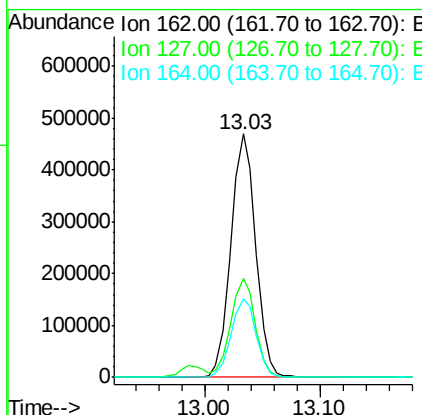
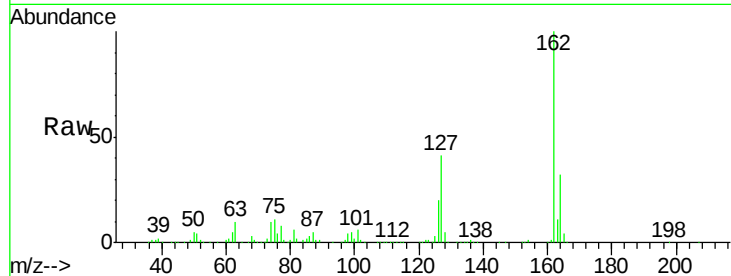
#47
2-Chloronaphthalene
Concen: 48.603 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	699261		
127	40.8	32.3	48.5	
164	32.5	26.3	39.5	

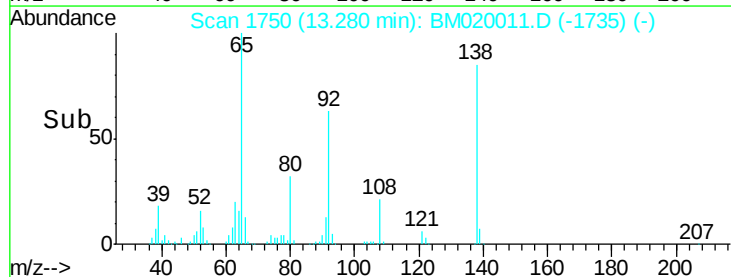
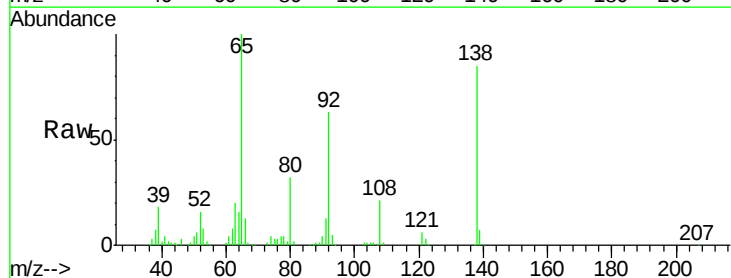
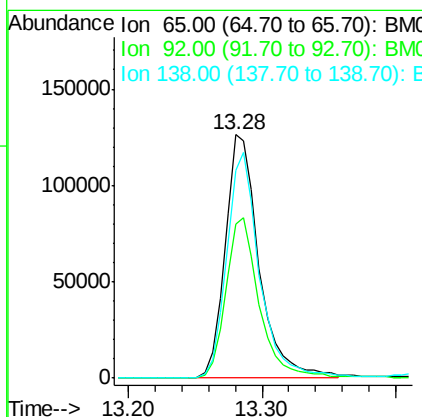
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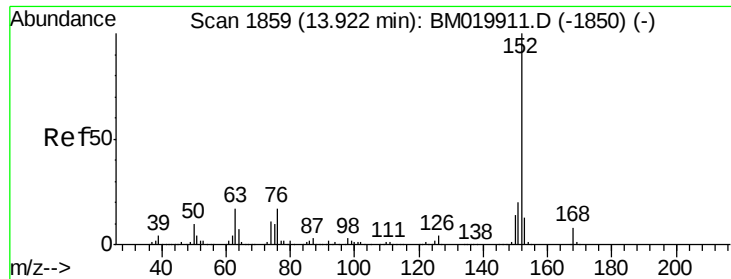
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#48
2-Nitroaniline
Concen: 43.319 ng
RT: 13.28 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	224645		
92	63.5	52.9	79.3	
138	85.1	75.8	113.6	





#49

Acenaphthylene

Concen: 43.923 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

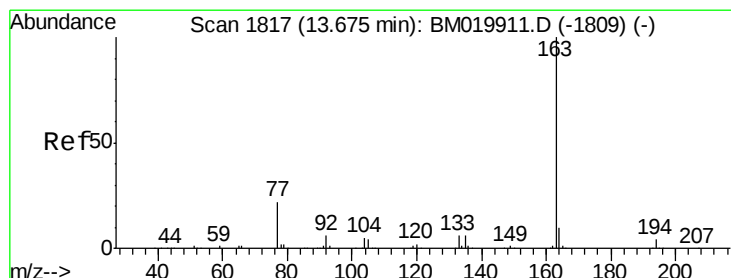
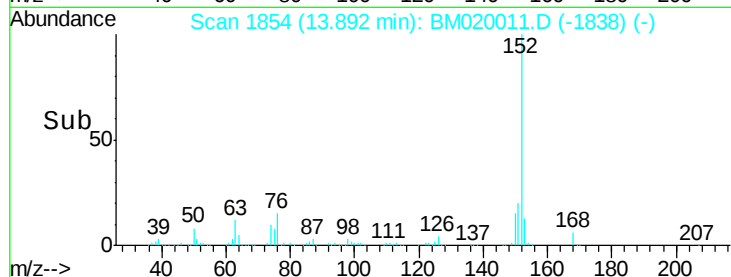
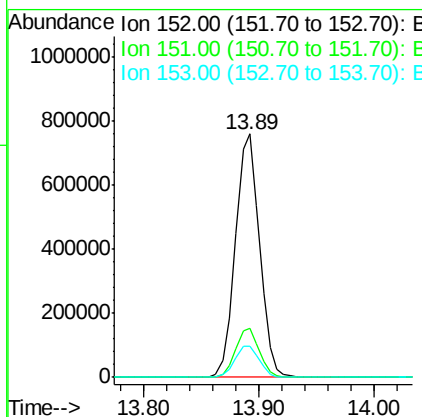
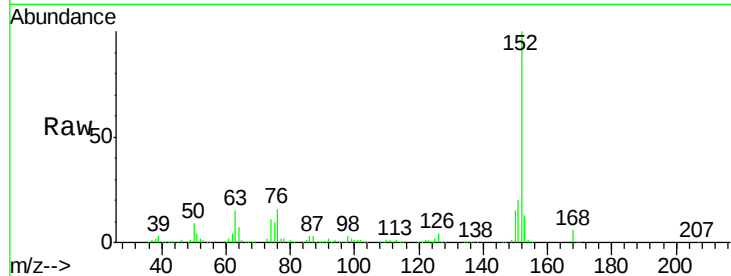
ClientSampleId :

HR-05-041719-AMSD

Tgt Ion:	152	Resp:	1099496
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.2	24.2
153	12.9	10.6	16.0

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#50

Dimethylphthalate

Concen: 45.070 ng

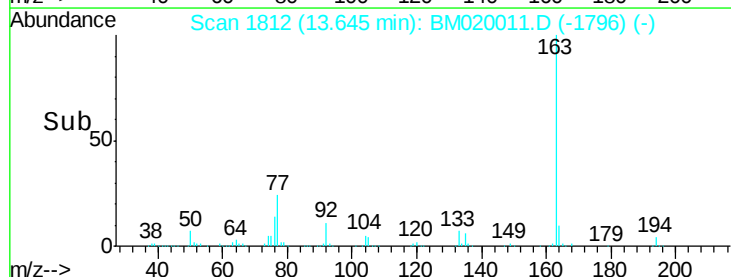
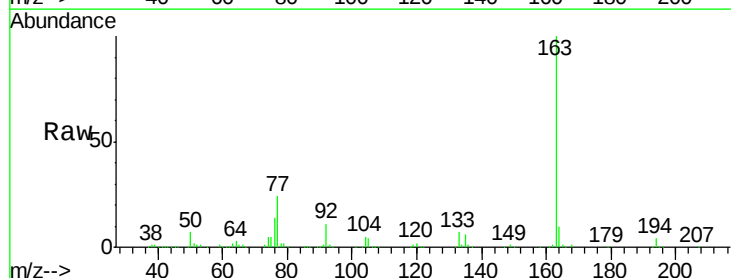
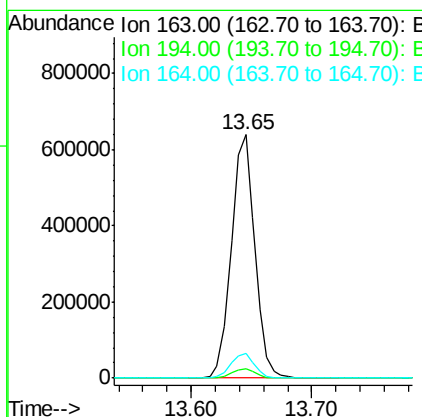
RT: 13.65 min Scan# 1812

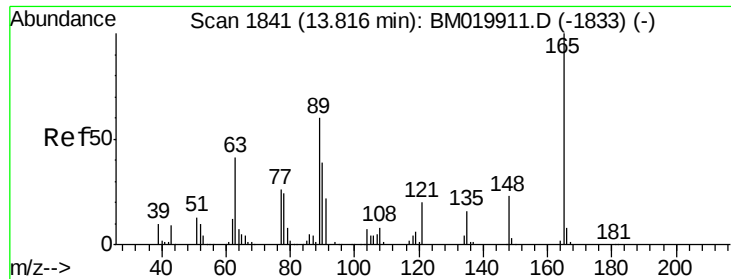
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	163	Resp:	865730
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.0	7.9	11.9





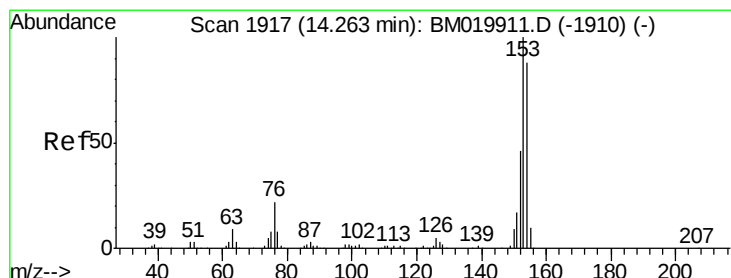
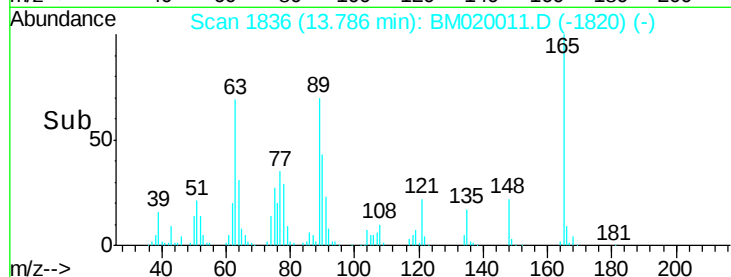
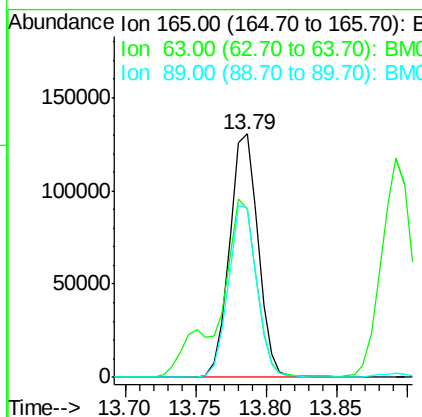
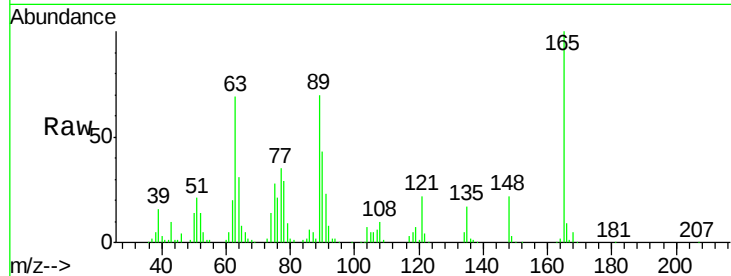
#51
 2,6-Dinitrotoluene
 Concen: 43.262 ng
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	183760		
63	69.1	48.5	72.7	
89	69.5	48.2	72.4	

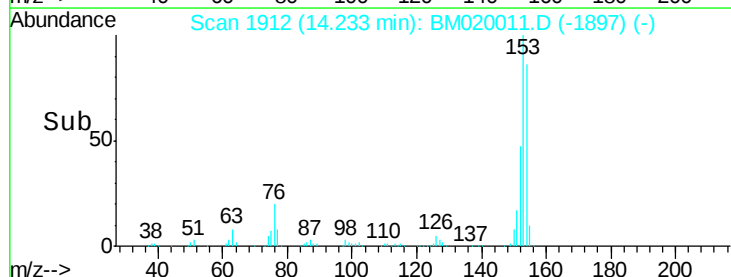
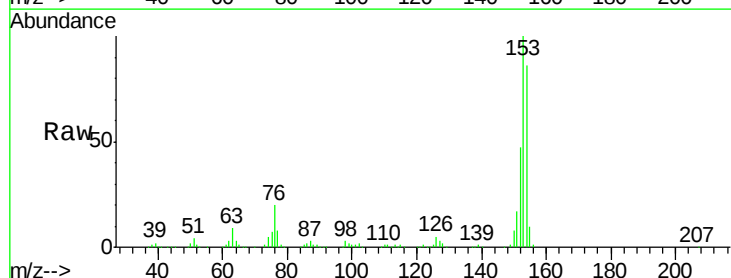
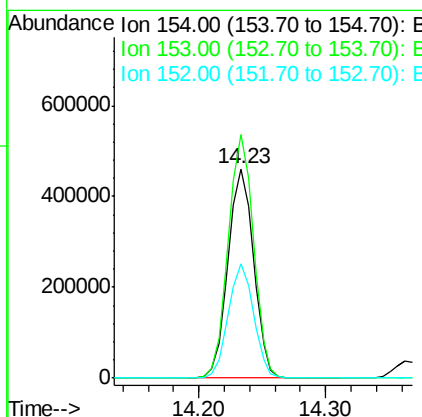
Manual Integrations
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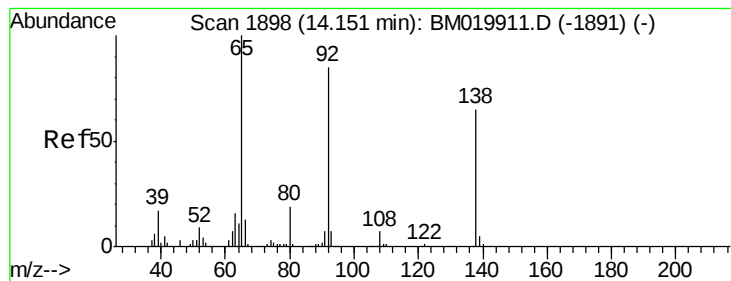
Sohil
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#52
 Acenaphthene
 Concen: 46.386 ng
 RT: 14.23 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	643822		
153	116.2	91.0	136.4	
152	54.7	42.2	63.2	





#53

3-Nitroaniline

Concen: 10.964 ng

RT: 14.14 min Scan# 1896

Delta R.T. 0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

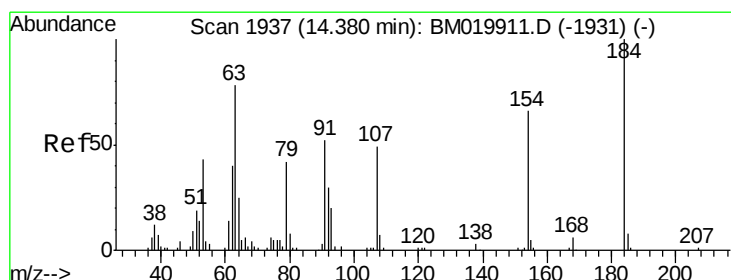
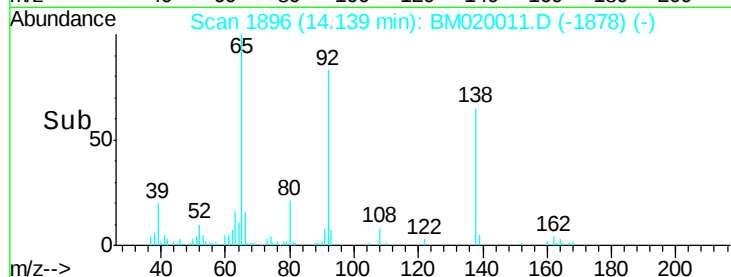
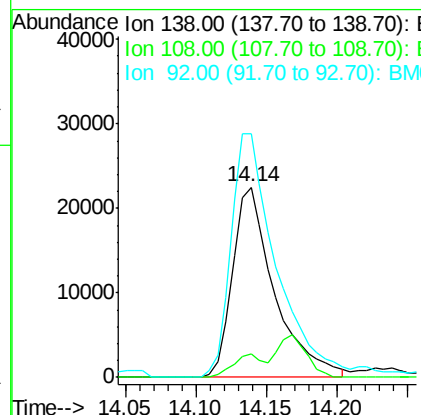
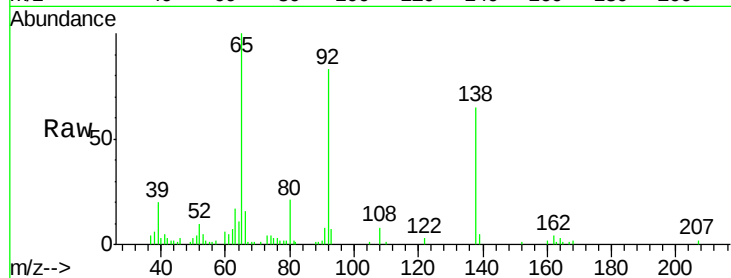
ClientSampleId :

HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	46502		
108	12.6	8.9	13.3	
92	128.2	103.8	155.8	

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#54

2,4-Dinitrophenol

Concen: 47.494 ng

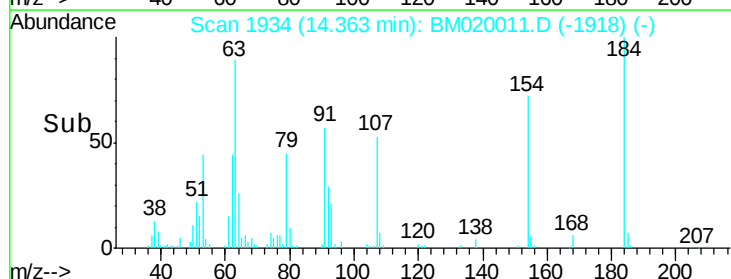
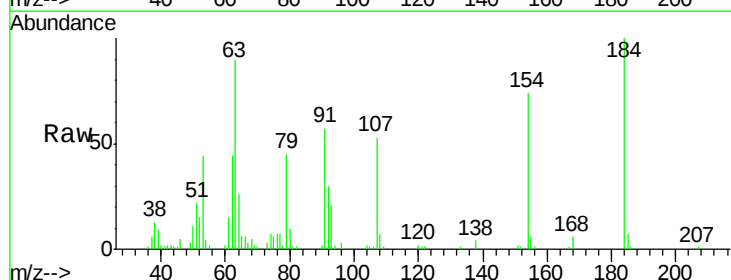
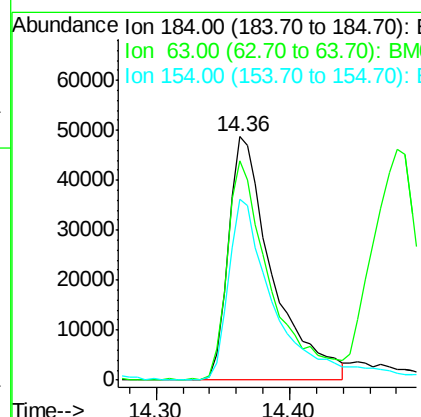
RT: 14.36 min Scan# 1934

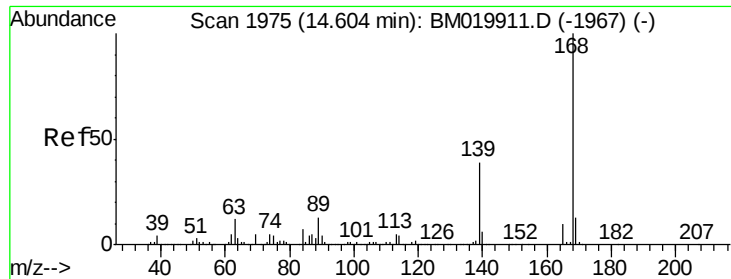
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	111964		
63	89.9	62.3	93.5	
154	74.4	53.0	79.6	





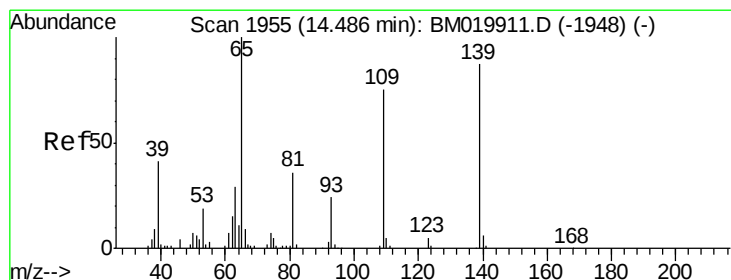
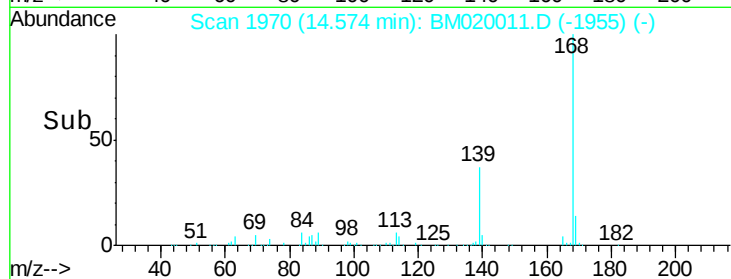
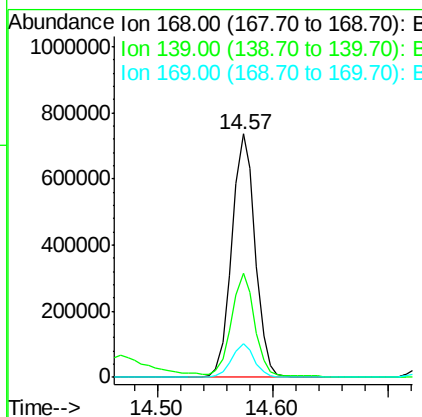
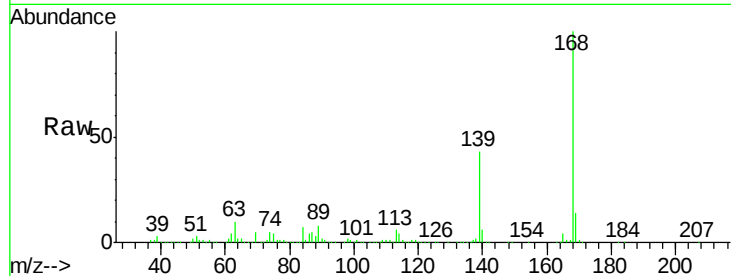
#55
Dibenzenofuran
Concen: 45.292 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.5	31.5	47.3
169	13.8	10.6	16.0

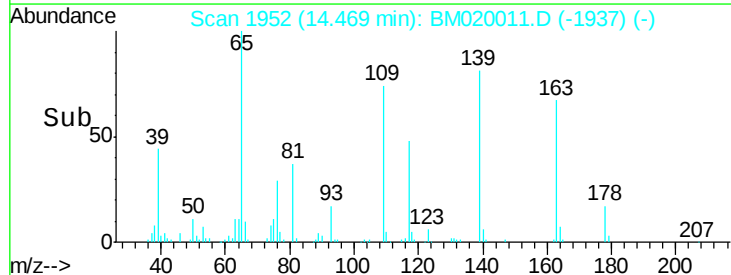
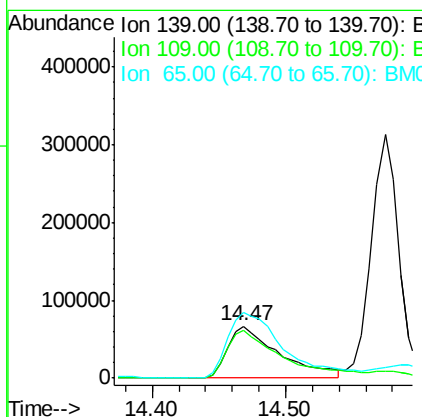
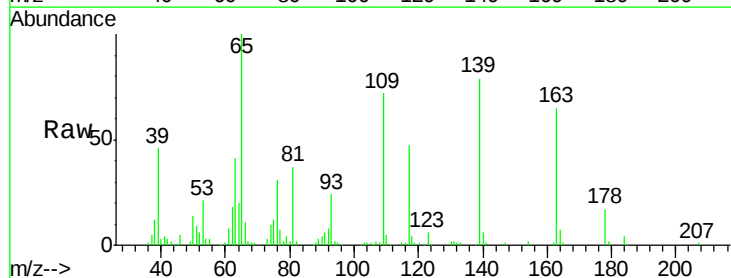
Manual Integrations
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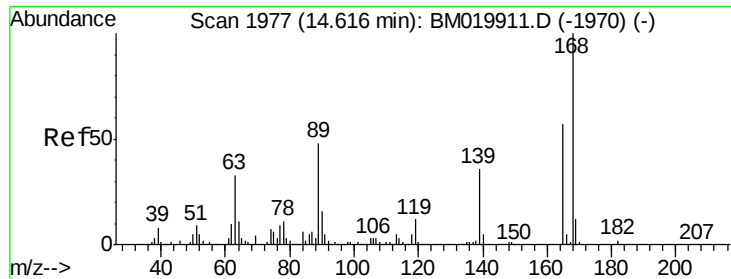
Sohil
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#56
4-Nitrophenol
Concen: 55.618 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.5	65.3	105.3
65	126.9	94.9	134.9





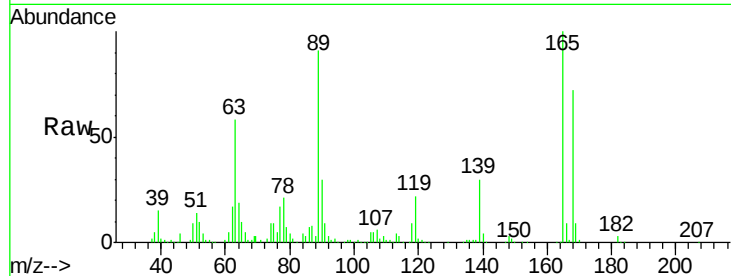
#57
2,4-Dinitrotoluene
Concen: 41.728 ng
RT: 14.59 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	254775		
63	58.0	46.0	69.0	
89	90.8	67.5	101.3	
182	2.7	2.4	3.6	

Manual Integrations
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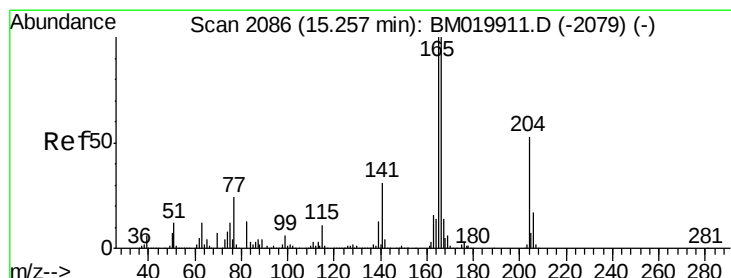
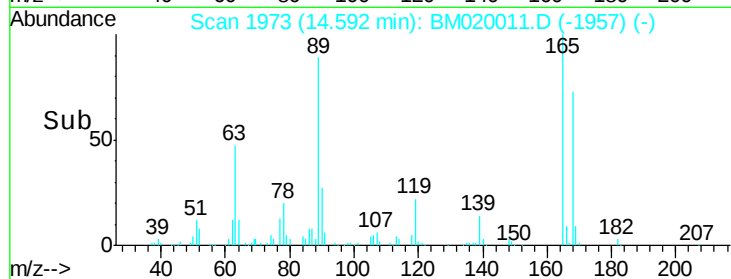
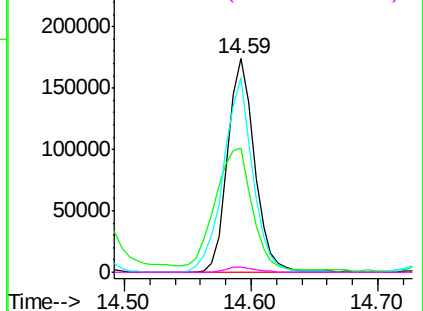
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

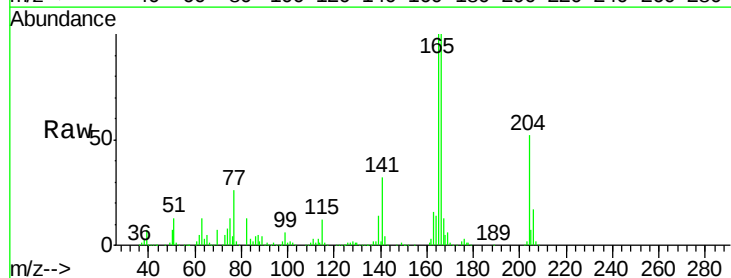
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 43.850 ng
RT: 15.23 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	843313		
165	99.8	80.1	120.1	
167	13.4	11.0	16.4	

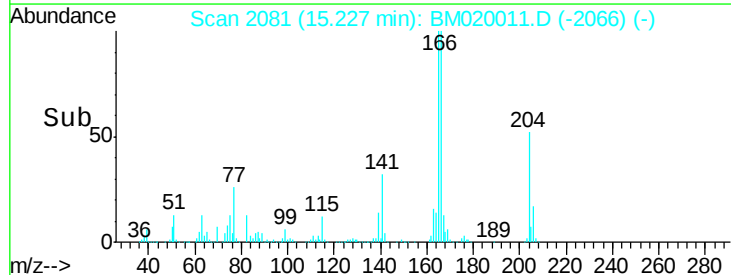
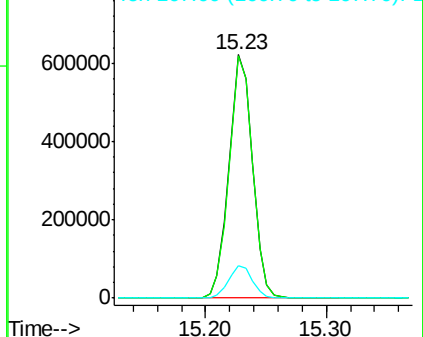


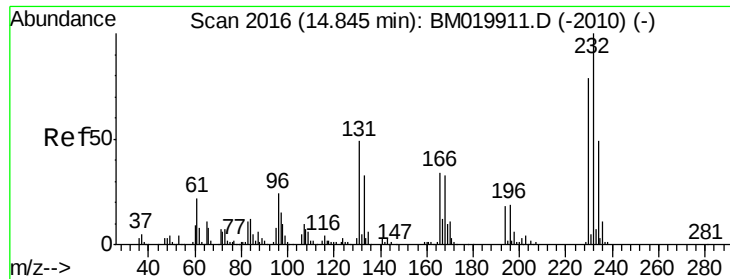
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





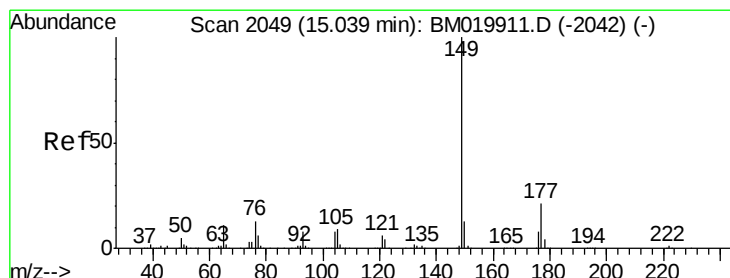
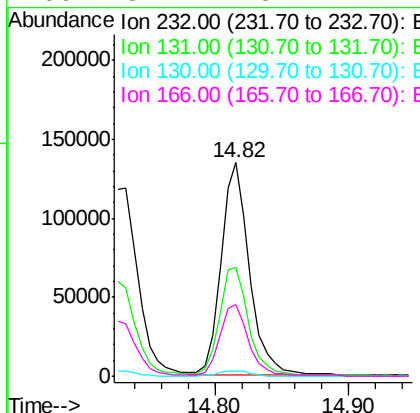
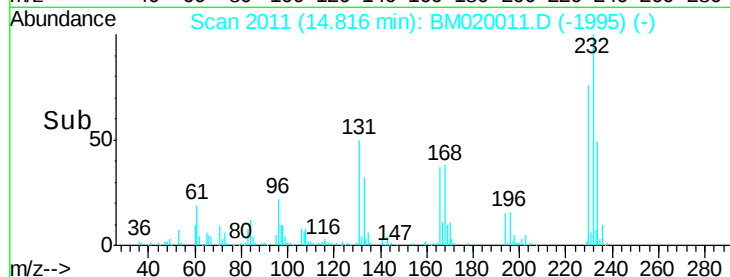
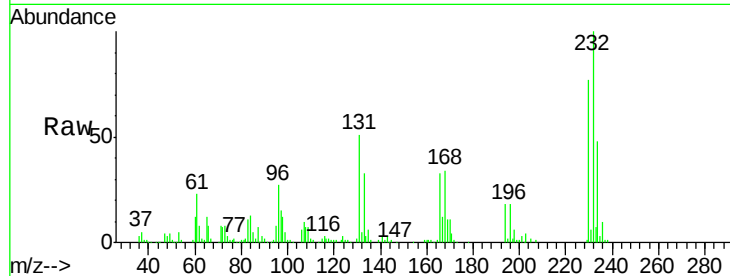
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.923 ng
 RT: 14.82 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	198633		
131	52.3	42.1	63.1	
130	2.9	2.2	3.4	
166	34.1	28.1	42.1	

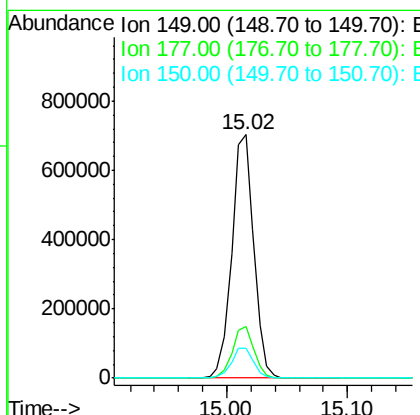
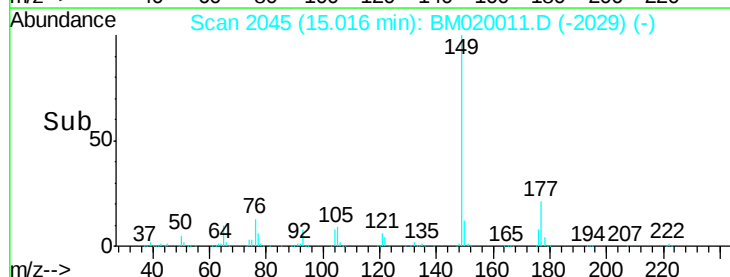
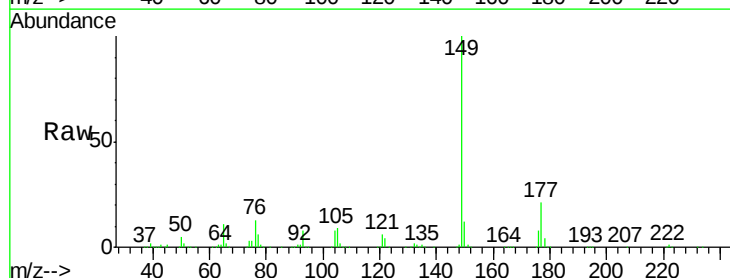
Manual Integrations
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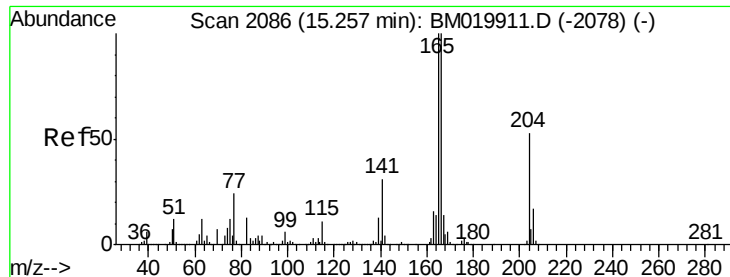
Sohil
 4/23/2019 4:13:34 PM



#60
 Diethylphthalate
 Concen: 44.539 ng
 RT: 15.02 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	889793		
177	21.0	16.6	25.0	
150	12.4	10.0	15.0	





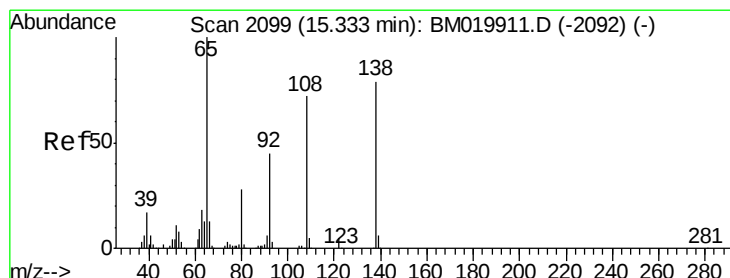
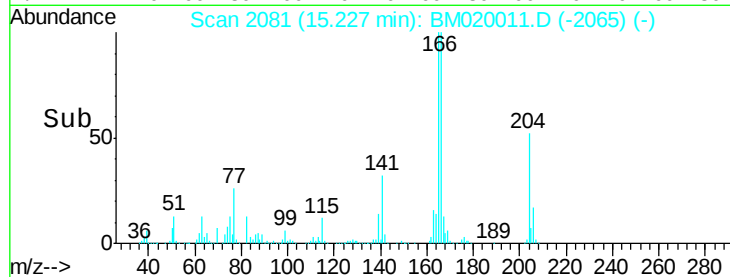
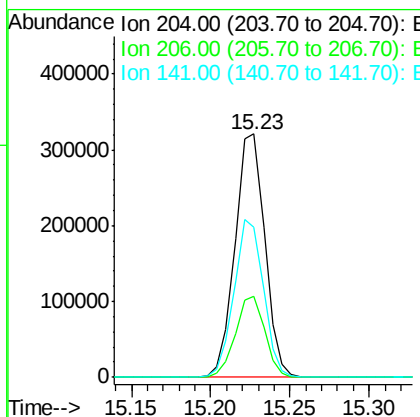
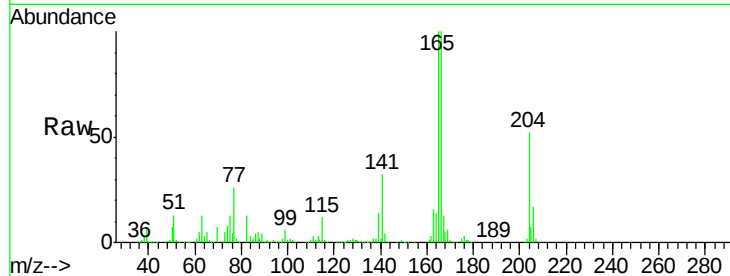
#61
 4-Chlorophenyl-phenylether
 Concen: 45.286 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion:	204	Resp:	419331
Ion Ratio	Lower	Upper	
204	100		
206	33.2	25.8	38.8
141	61.6	47.0	70.4

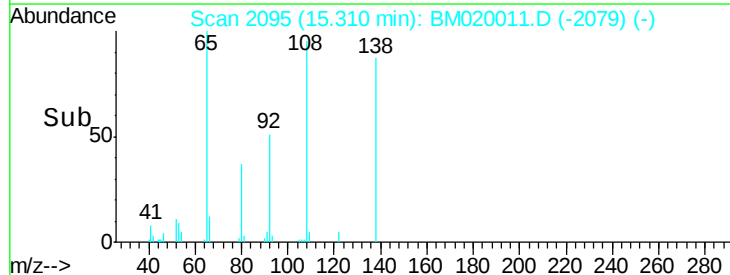
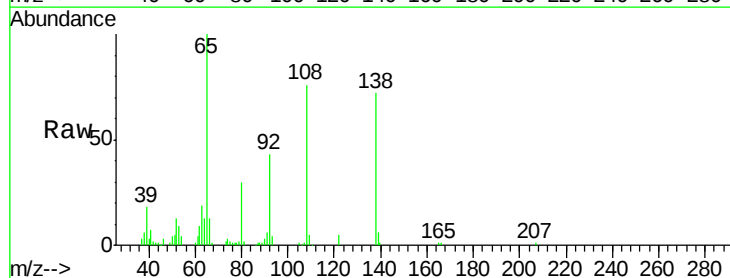
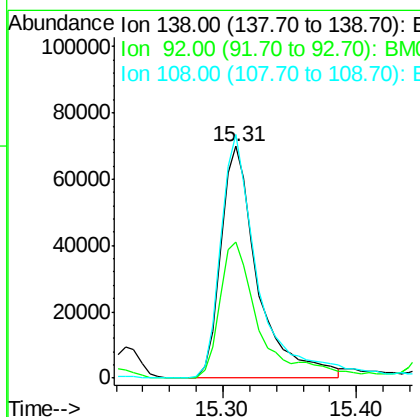
Manual Integrations
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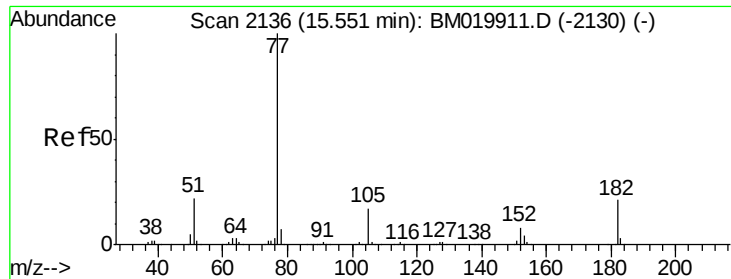
Sohil
 4/23/2019 4:13:34 PM



#62
 4-Nitroaniline
 Concen: 32.565 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion:	138	Resp:	136080
Ion Ratio	Lower	Upper	
138	100		
92	58.7	36.8	76.8
108	105.1	71.5	111.5





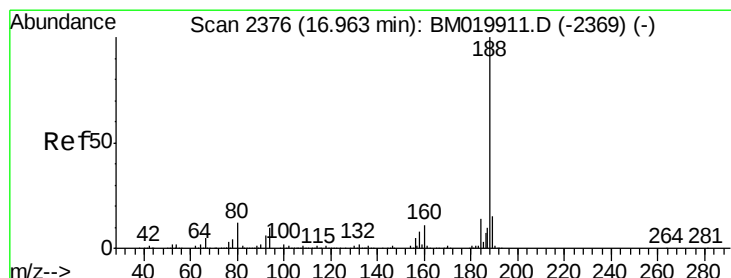
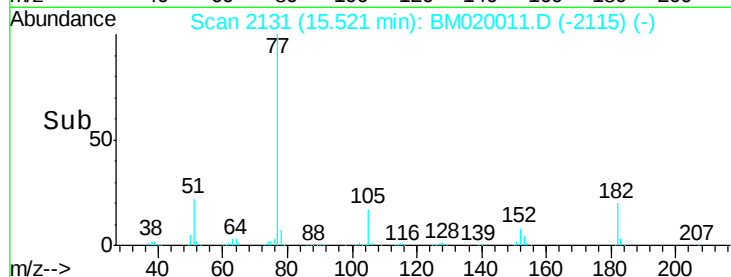
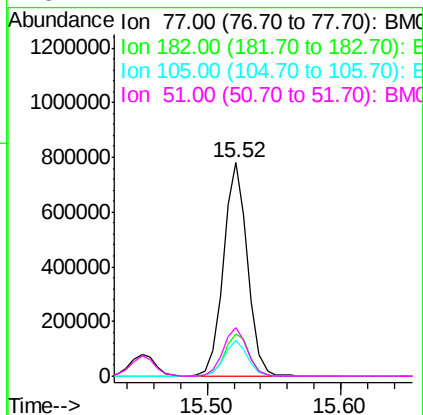
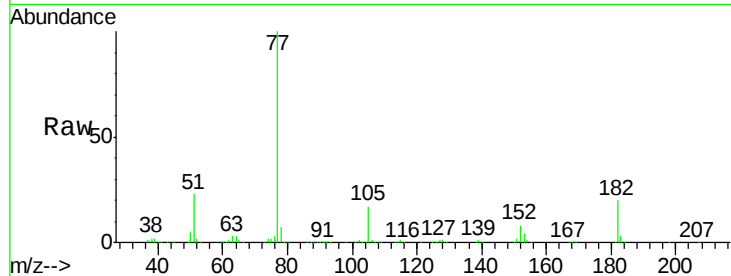
#63
Azobenzene
Concen: 45.864 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	979295		
182	20.1	1.0	41.0	
105	16.7	0.0	37.1	
51	22.7	2.1	42.1	

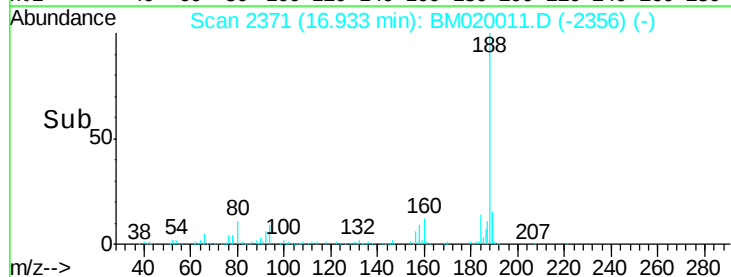
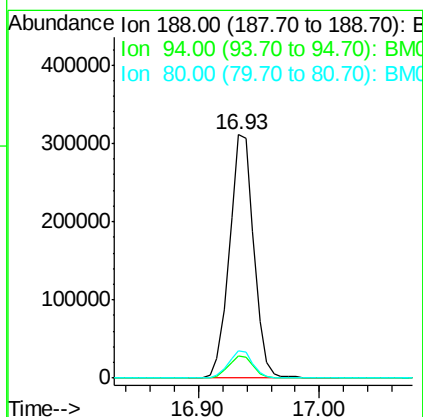
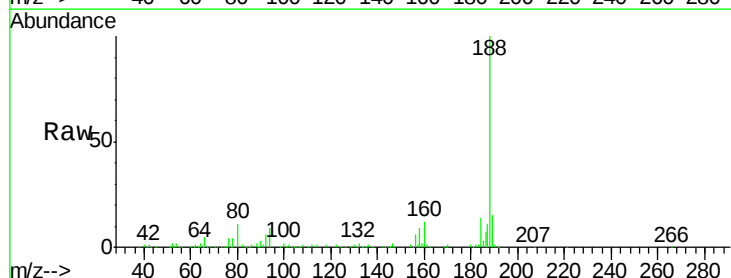
Manual Integrations
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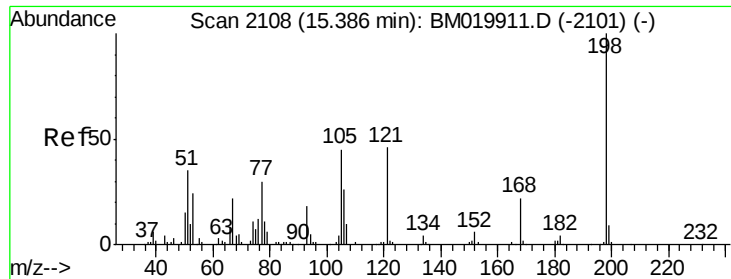
Sohil
4/23/2019 4:13:34 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	436343		
94	9.4	7.6	11.4	
80	11.2	9.4	14.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 32.054 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

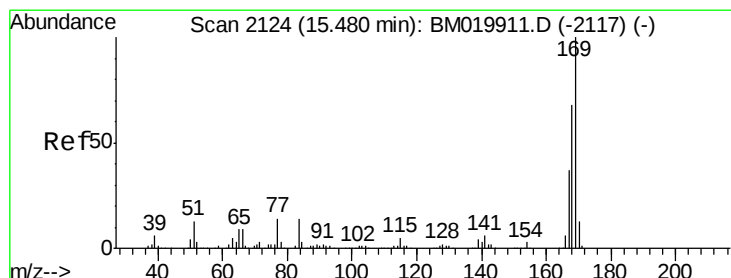
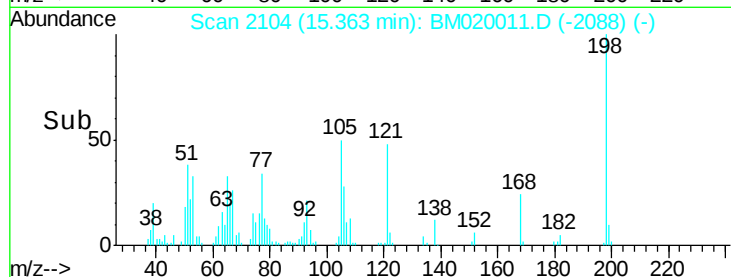
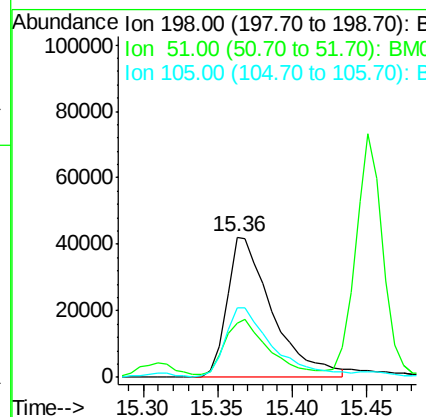
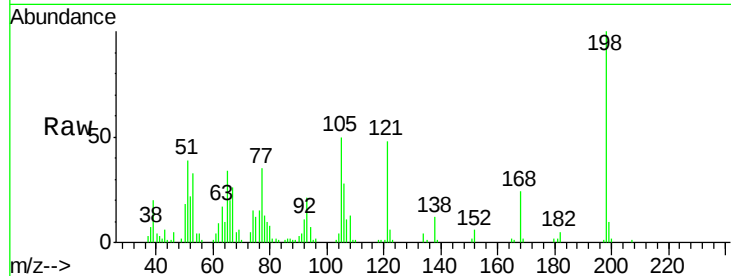
ClientSampleId :

HR-05-041719-AMSD

Tgt Ion:	198	Resp:	89238
Ion Ratio	Lower	Upper	
198	100		
51	38.7	17.9	57.9
105	49.7	26.1	66.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 48.949 ng

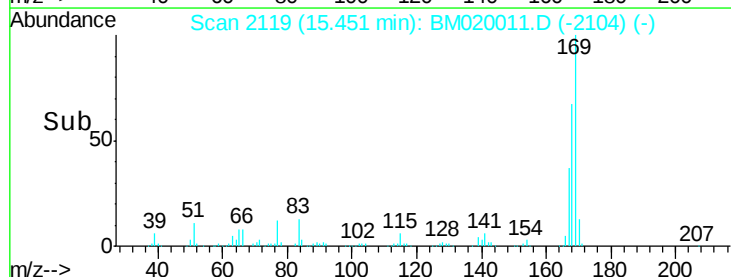
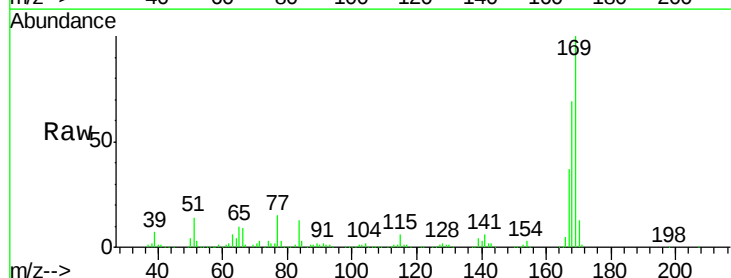
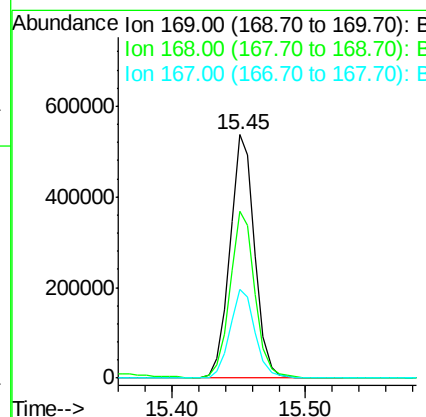
RT: 15.45 min Scan# 2119

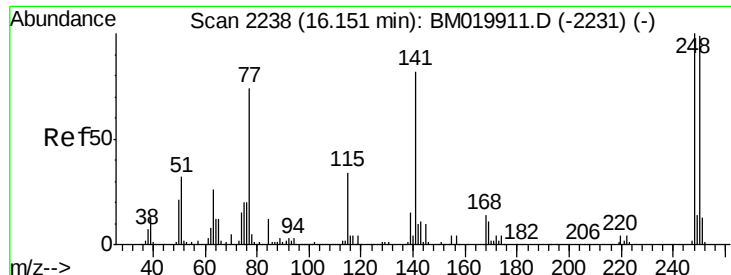
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	169	Resp:	698272
Ion Ratio	Lower	Upper	
169	100		
168	68.8	54.7	82.1
167	36.7	29.4	44.0





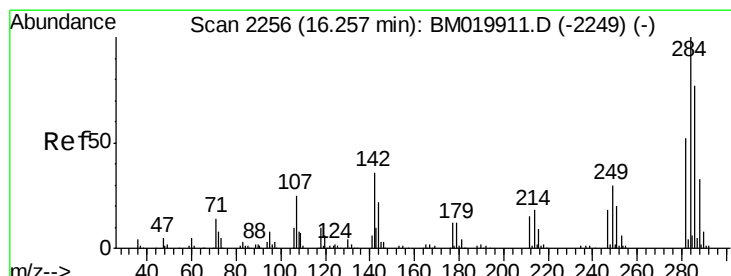
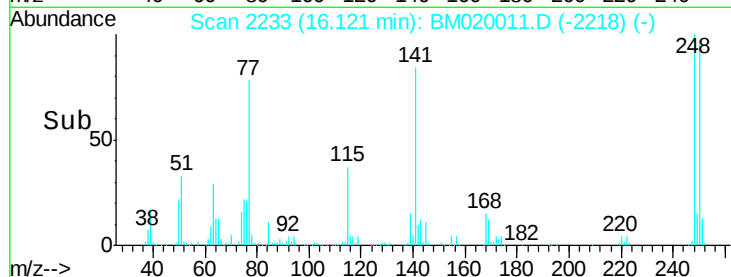
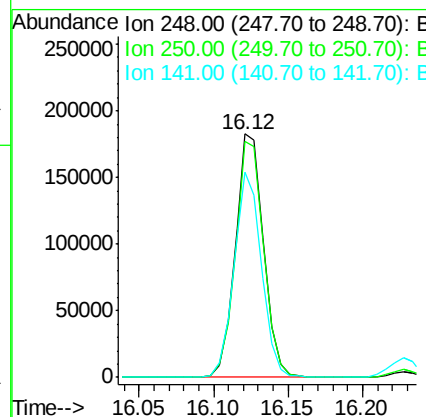
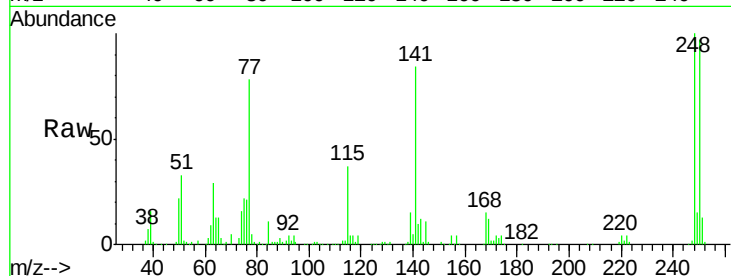
#67
 4-Bromophenyl-phenylether
 Concen: 48.091 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	241259		
250	97.0	78.9	118.3	
141	84.4	65.6	98.4	

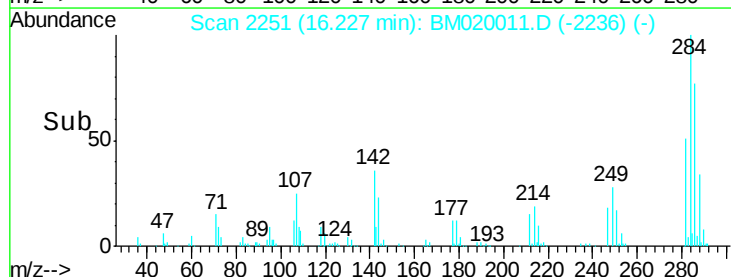
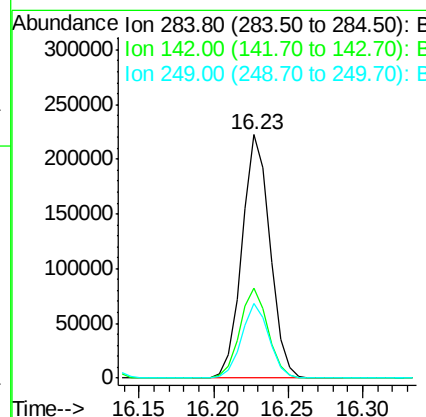
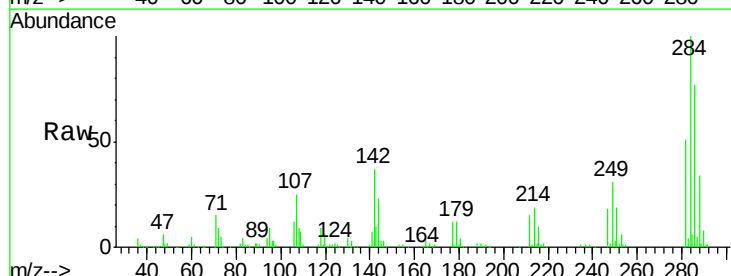
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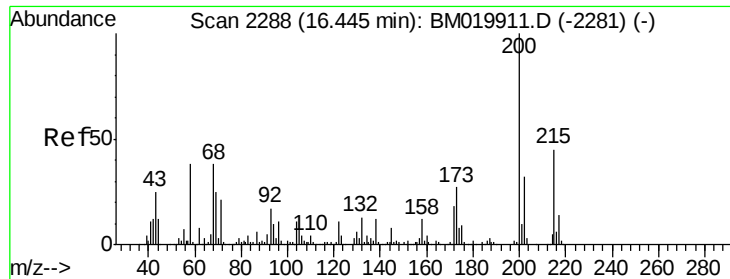
Sohil
 4/23/2019 4:13:34 PM



#68
 Hexachlorobenzene
 Concen: 48.125 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	289686		
142	37.2	28.9	43.3	
249	30.8	23.8	35.6	





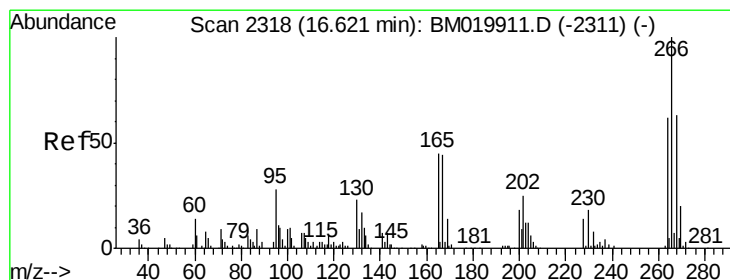
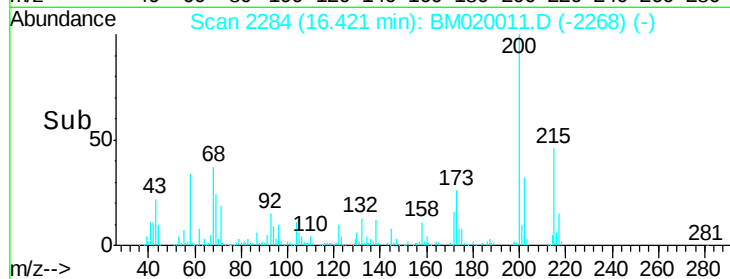
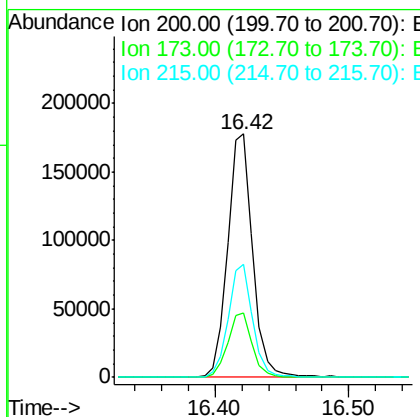
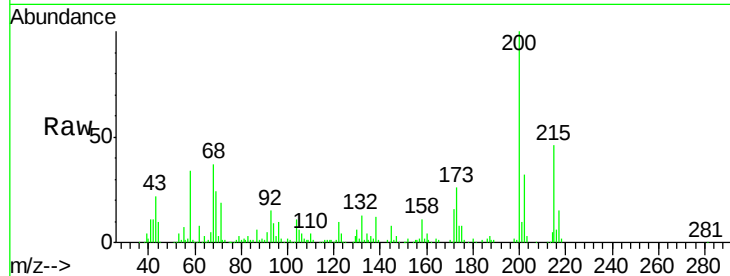
#69
 Atrazine
 Concen: 48.341 ng
 RT: 16.42 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	234098		
173	26.2	7.2	47.2	
215	46.2	25.4	65.4	

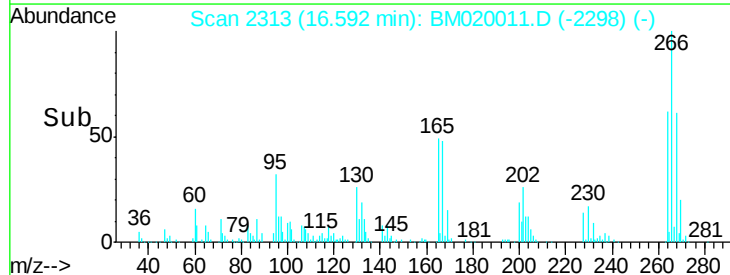
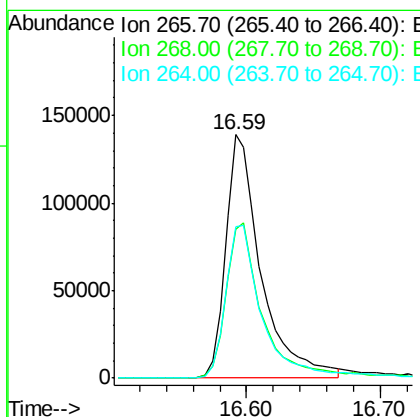
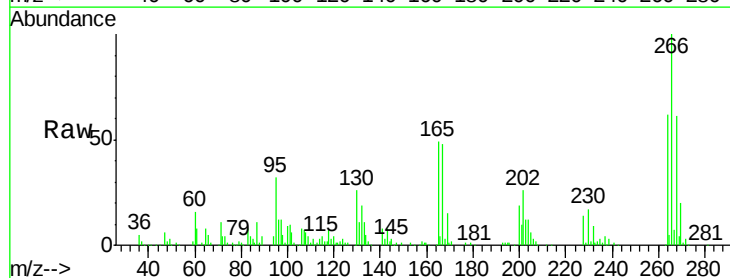
Manual Integrations
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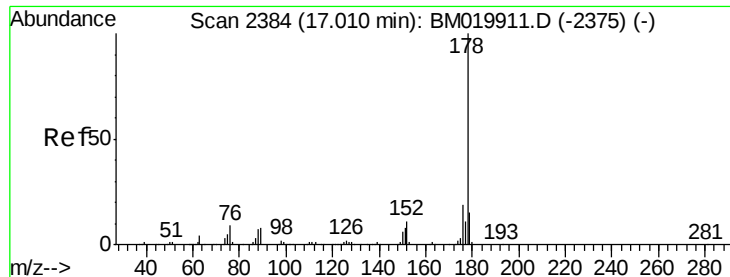
Sohil
 4/23/2019 4:13:34 PM



#70
 Pentachlorophenol
 Concen: 83.654 ng
 RT: 16.59 min Scan# 2313
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	257287		
268	61.2	50.3	75.5	
264	62.2	49.8	74.8	





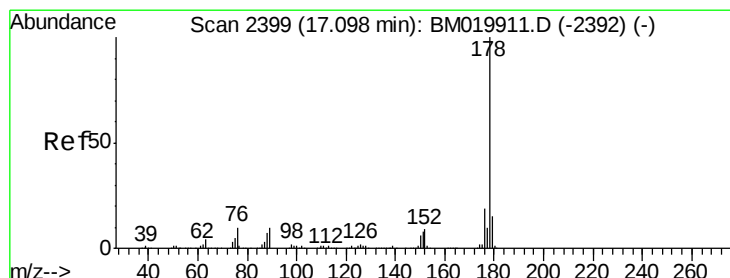
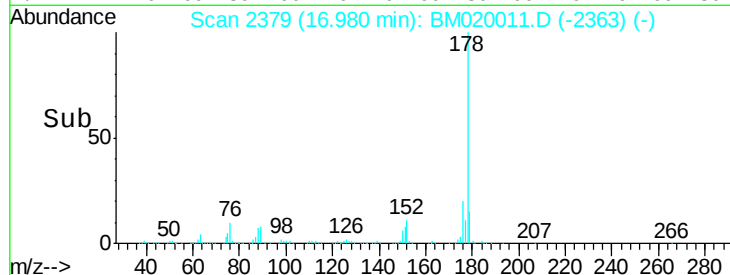
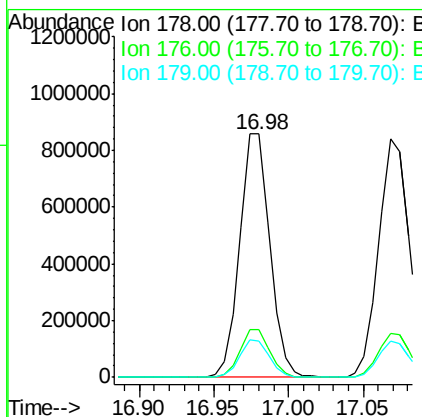
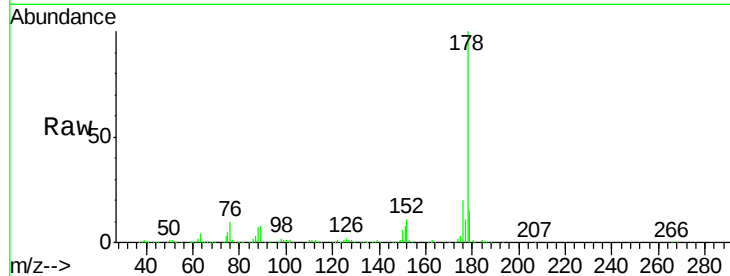
#71
Phenanthrene
Concen: 46.498 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion:178 Resp: 1204008
Ion Ratio Lower Upper
178 100
176 19.5 15.2 22.8
179 15.1 12.2 18.4

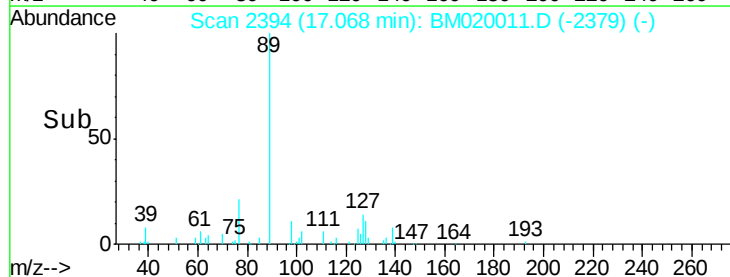
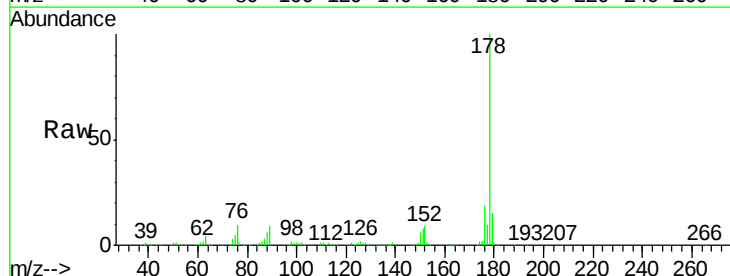
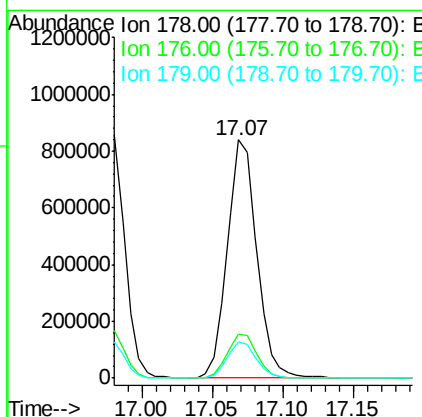
Manual Integrations
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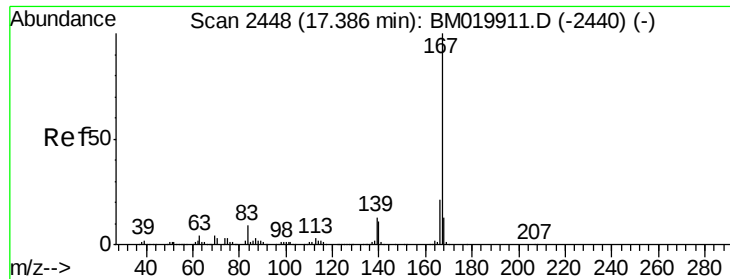
Sohil
4/23/2019 4:13:34 PM



#72
Anthracene
Concen: 47.012 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion:178 Resp: 1211771
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





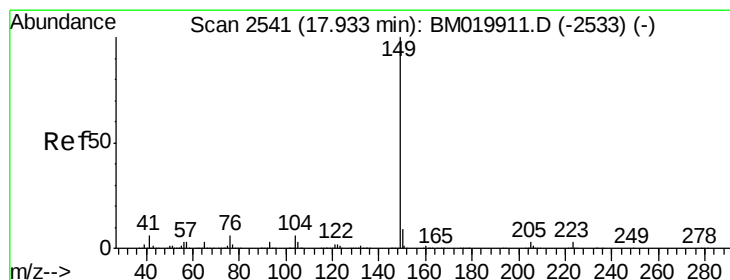
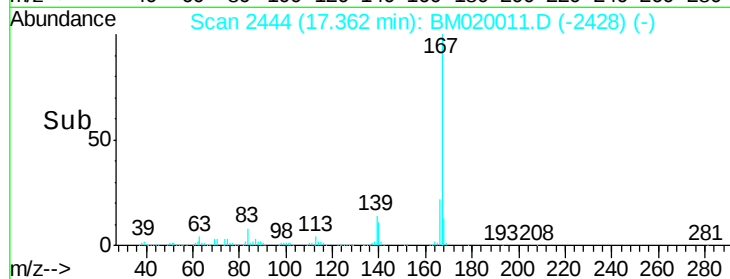
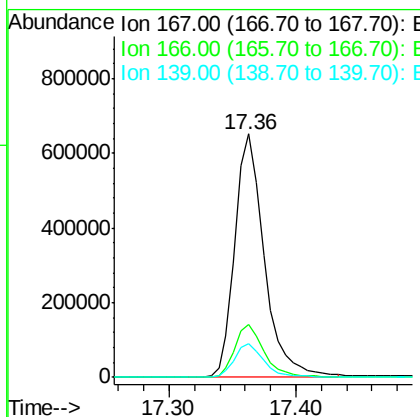
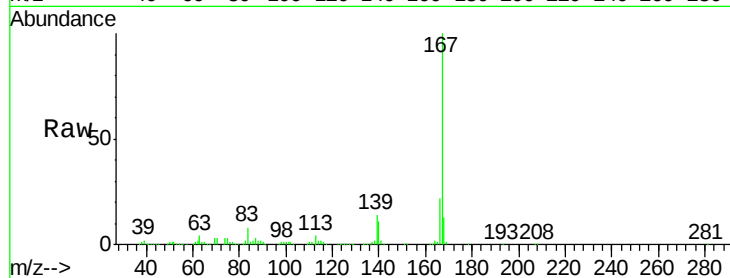
#73
 Carbazole
 Concen: 43.650 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

Tgt Ion:167 Resp: 1050438
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 14.1 10.7 16.1

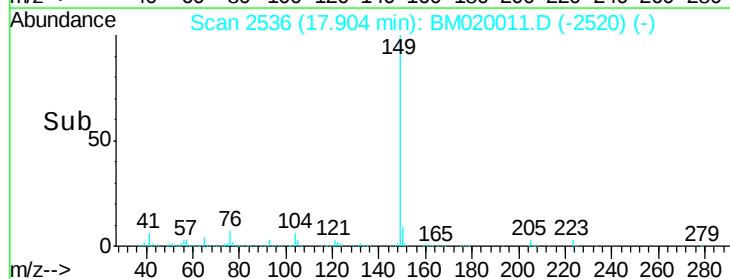
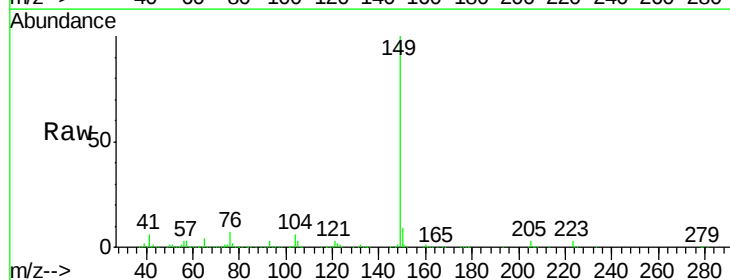
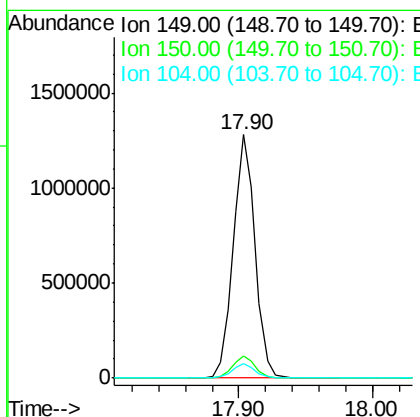
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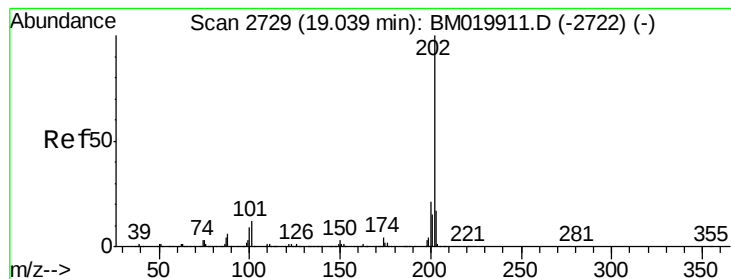
Sohil
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#74
 Di-n-butylphthalate
 Concen: 46.295 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion:149 Resp: 1463136
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 6.1 4.6 7.0





#75

Fluoranthene

Concen: 43.812 ng

RT: 19.02 min Scan# 2725

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

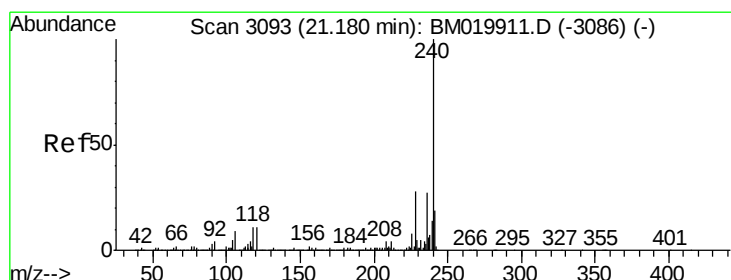
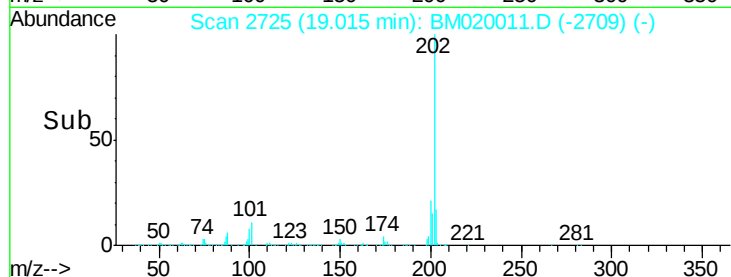
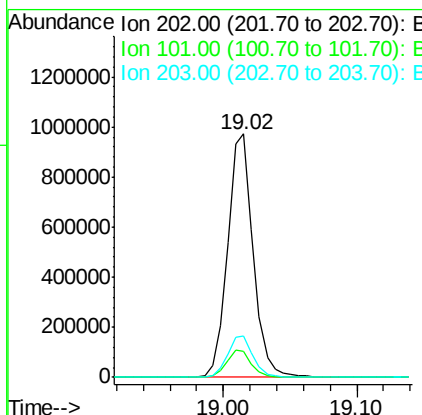
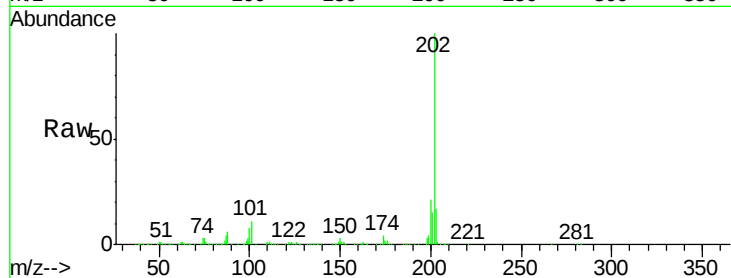
ClientSampleId :

HR-05-041719-AMSD

Tgt	Ion	202	Resp	1305556
Ion	Ratio	Lower	Upper	
202	100			
101	10.7	0.0	31.7	
203	17.2	0.0	37.4	

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#76

Chrysene-d12

Concen: 20.000 ng

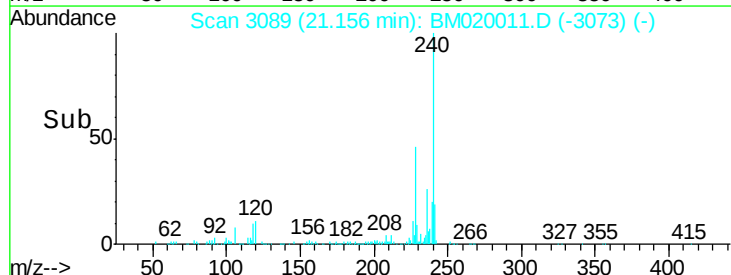
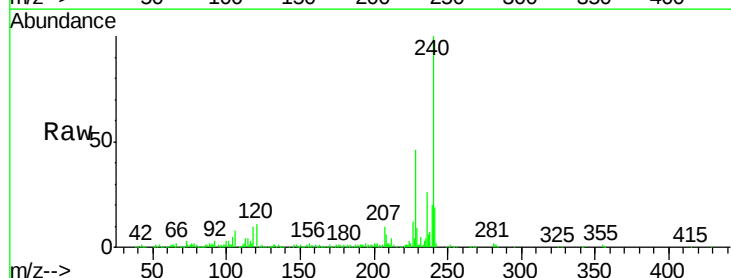
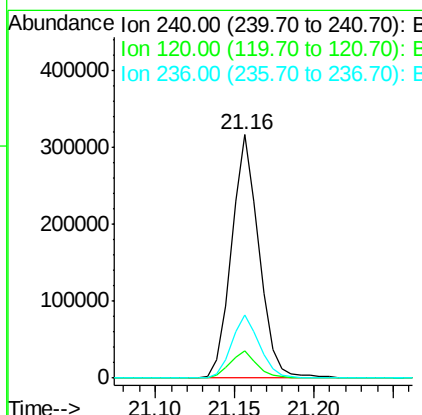
RT: 21.16 min Scan# 3089

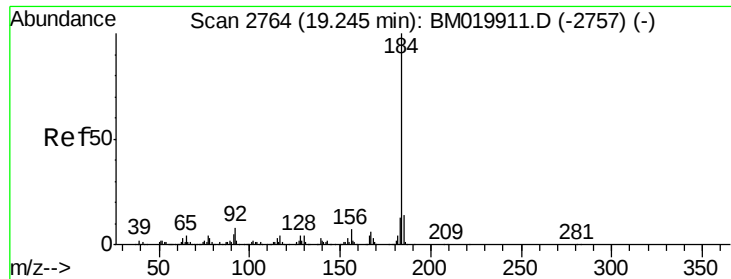
Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt	Ion	240	Resp	380280
Ion	Ratio	Lower	Upper	
240	100			
120	11.1	8.6	13.0	
236	26.1	21.4	32.2	





#77

Benzidine

Concen: 12.358 ng

RT: 19.24 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

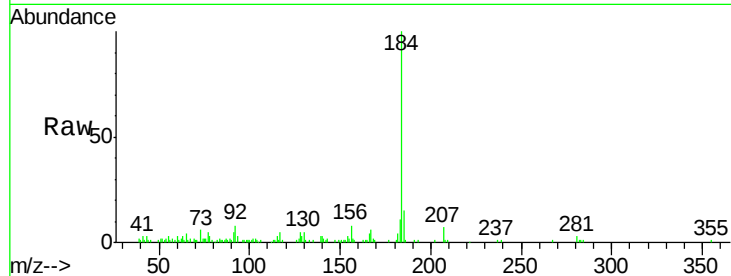
ClientSampleId :

HR-05-041719-AMSD

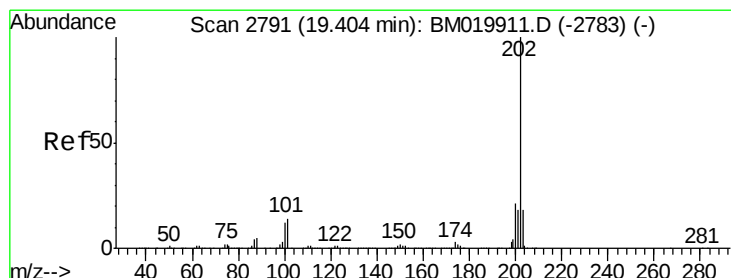
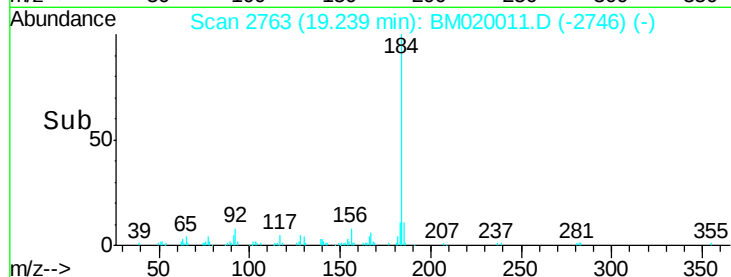
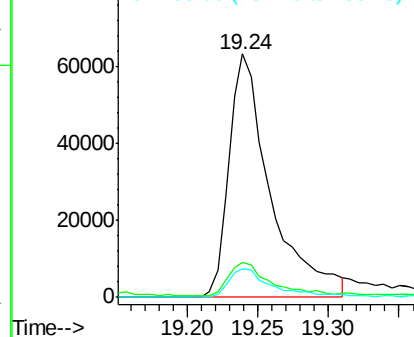
Tgt Ion:	184	Resp:	129669
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.0	16.6
183	11.5	10.1	15.1

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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: 53.334 ng

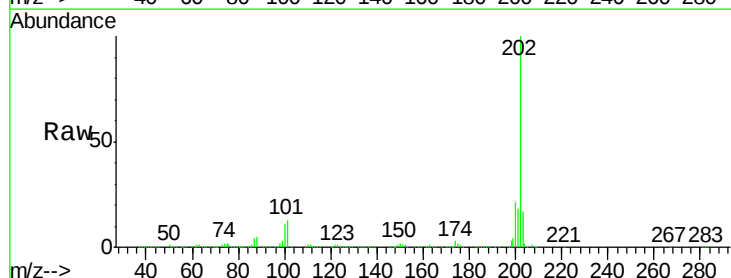
RT: 19.38 min Scan# 2787

Delta R.T. -0.01 min

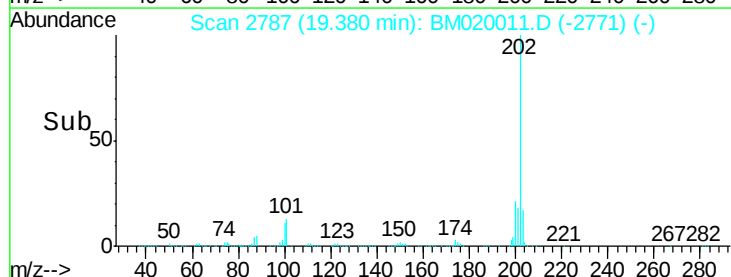
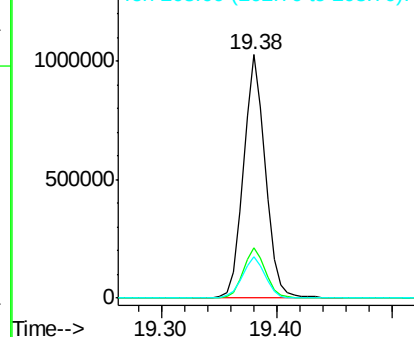
Lab File: BM020011.D

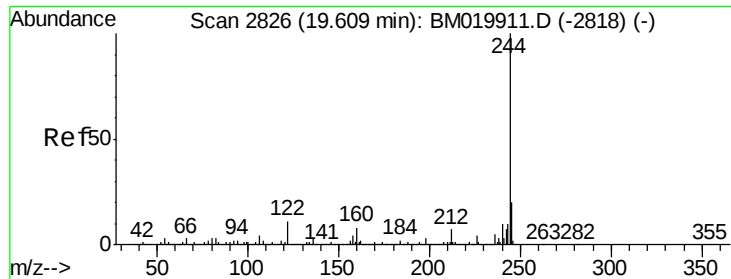
Acq: 22 Apr 2019 18:18

Tgt Ion:	202	Resp:	1343116
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.4
203	17.2	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





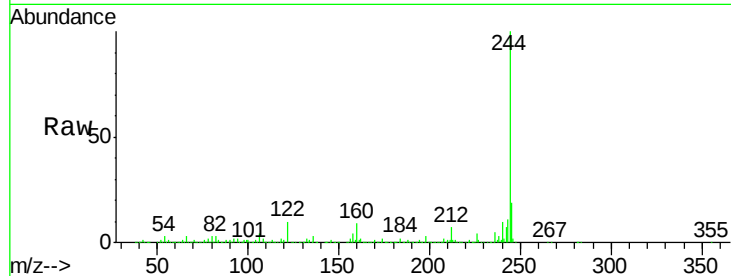
#79
 Terphenyl-d14
 Concen: 100.549 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMSD

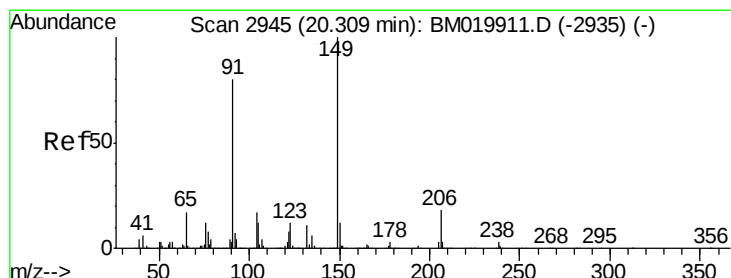
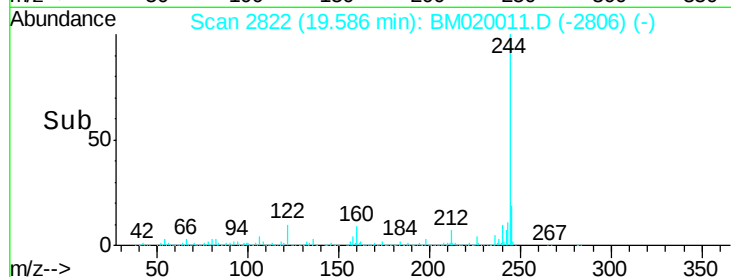
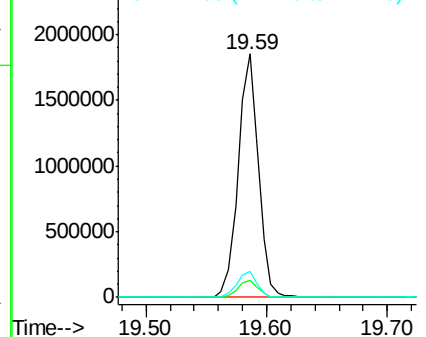
Tgt Ion: 244 Resp: 2167823
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.4 9.1 13.7

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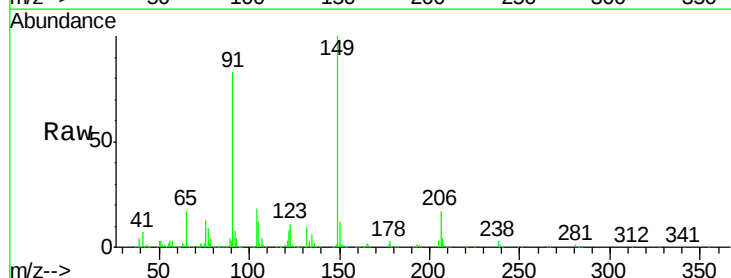


Abundance Ion 244.00 (243.70 to 244.70): E
 2500000 Ion 212.00 (211.70 to 212.70): E
 2000000 Ion 122.00 (121.70 to 122.70): E

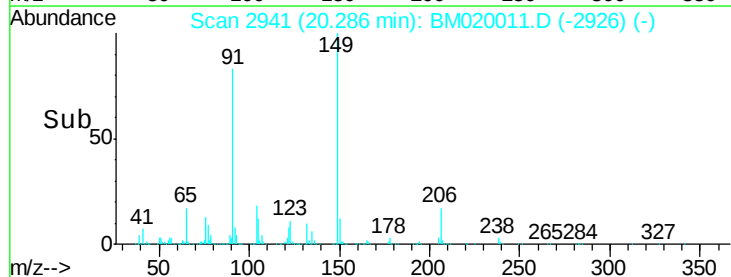
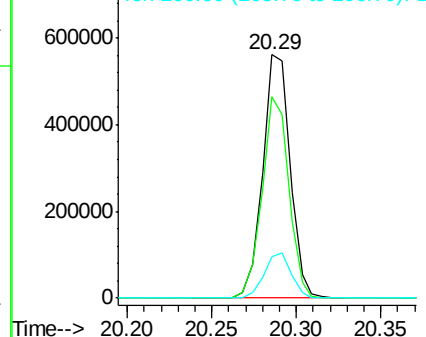


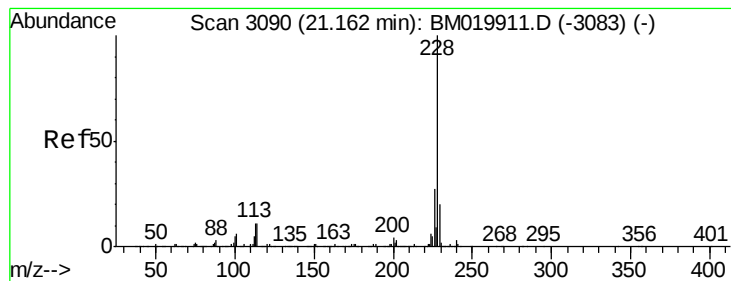
#80
 Butylbenzylphthalate
 Concen: 52.189 ng
 RT: 20.29 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BM020011.D
 Acq: 22 Apr 2019 18:18

Tgt Ion: 149 Resp: 637185
 Ion Ratio Lower Upper
 149 100
 91 83.0 63.7 95.5
 206 17.0 14.6 21.8



Abundance Ion 149.00 (148.70 to 149.70): E
 600000 Ion 91.00 (90.70 to 91.70): BM0
 400000 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.651 ng

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Instrument :

BNA_M

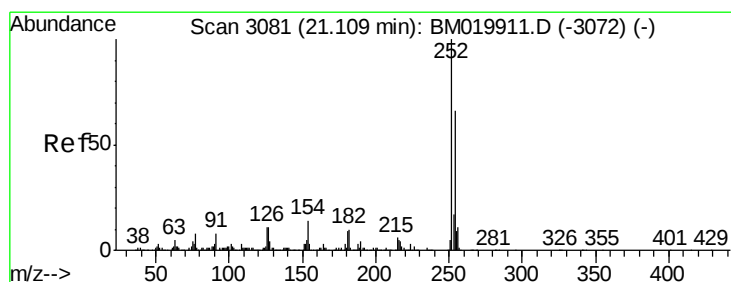
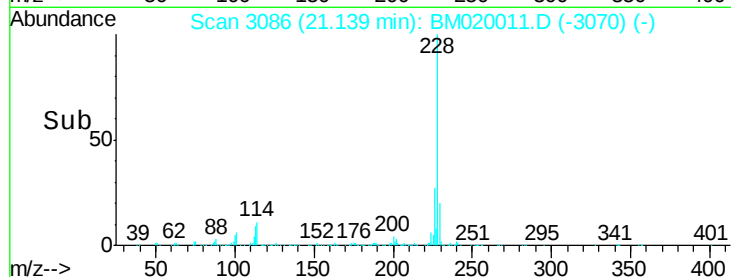
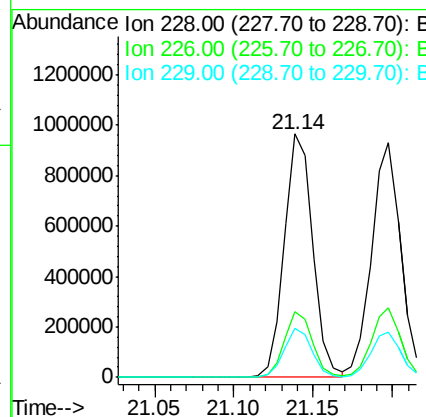
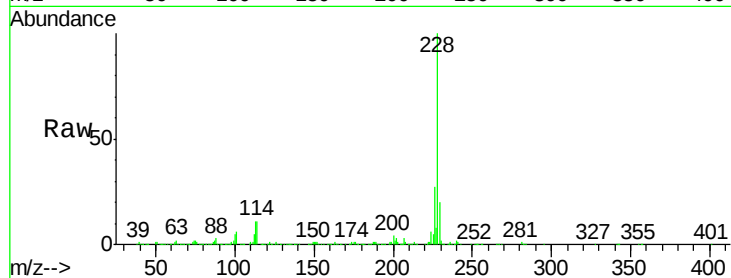
ClientSampleId :

HR-05-041719-AMSD

Tgt Ion:	228	Resp:	1196082
Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.6
229	20.2	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 21.908 ng

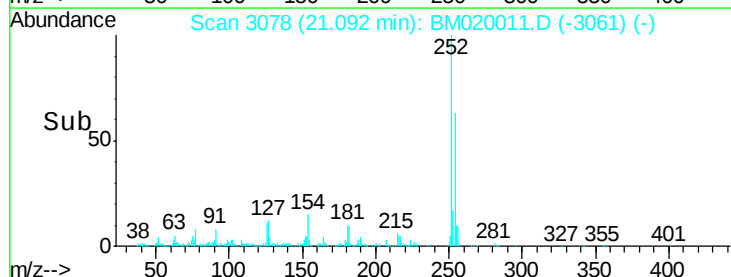
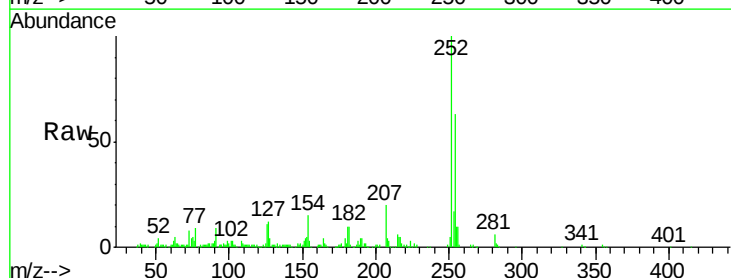
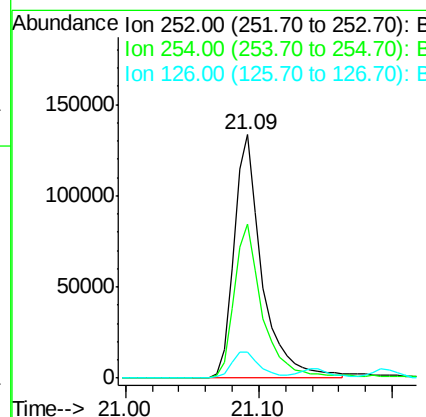
RT: 21.09 min Scan# 3078

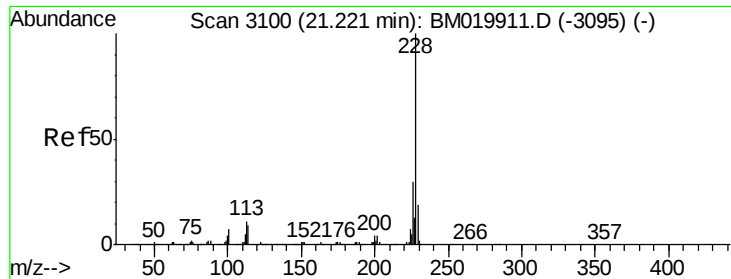
Delta R.T. -0.00 min

Lab File: BM020011.D

Acq: 22 Apr 2019 18:18

Tgt Ion:	252	Resp:	196352
Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.6	78.8
126	10.7	8.6	12.8





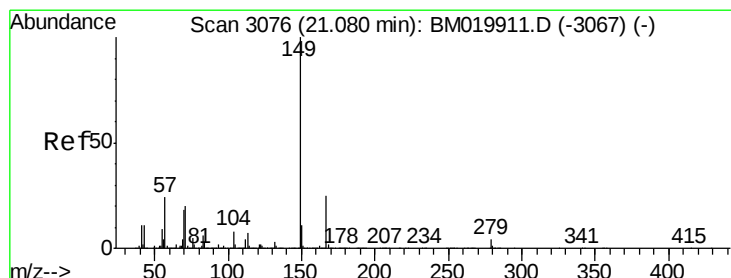
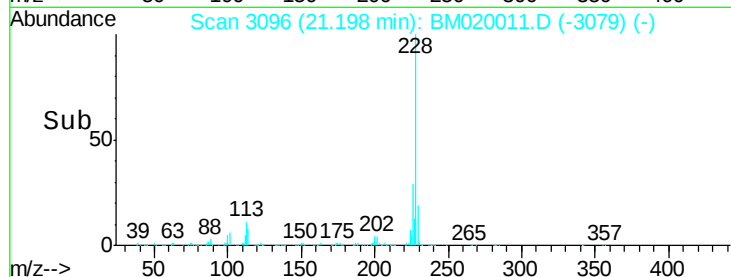
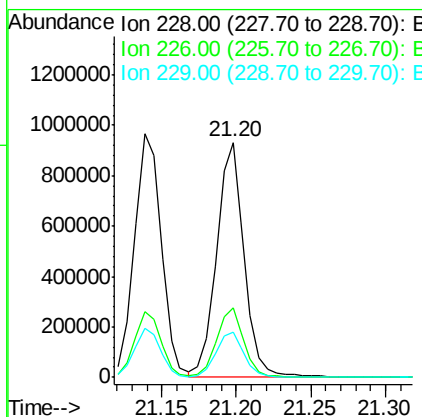
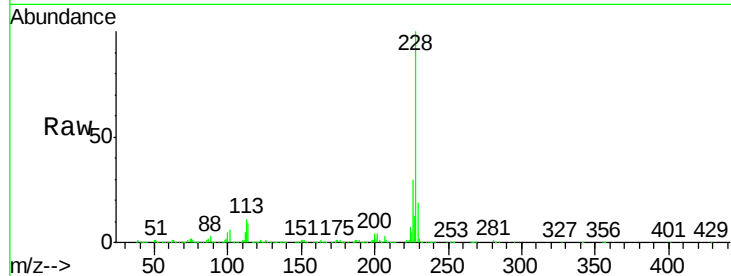
#83
Chrysene
Concen: 51.458 ng
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion: 228 Resp: 1188804
Ion Ratio Lower Upper
228 100
226 29.6 23.7 35.5
229 19.4 15.6 23.4

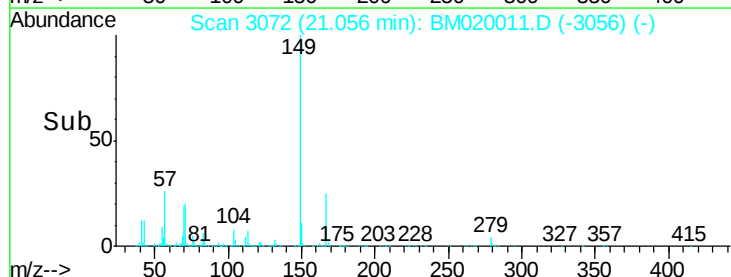
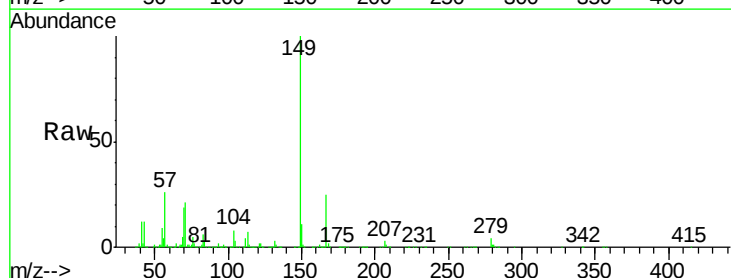
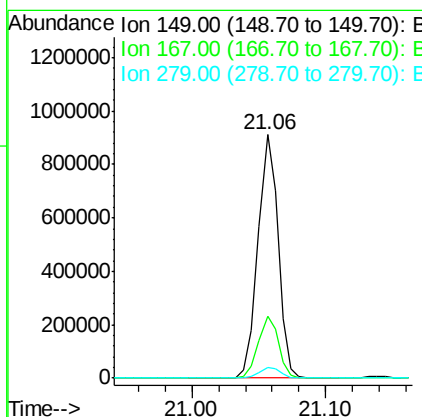
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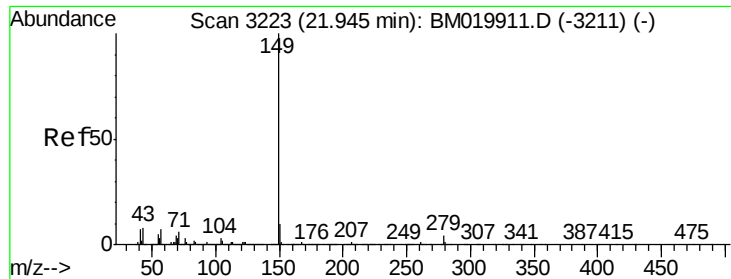
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.468 ng
RT: 21.06 min Scan# 3072
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion: 149 Resp: 935509
Ion Ratio Lower Upper
149 100
167 25.4 20.3 30.5
279 4.2 3.4 5.2





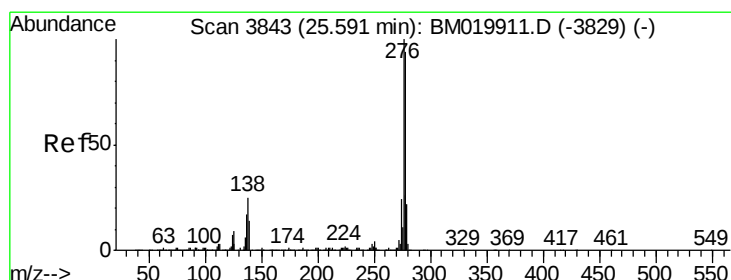
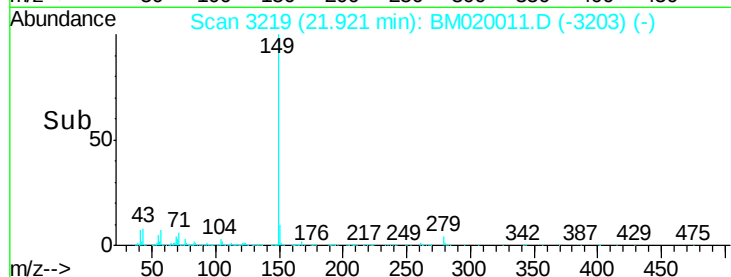
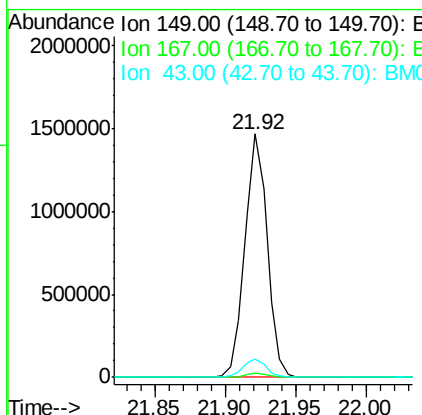
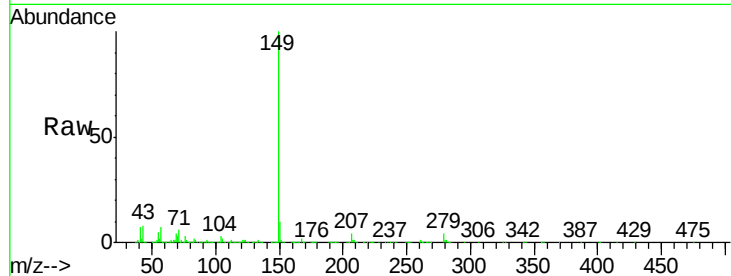
#85
Di-n-octyl phthalate
Concen: 54.935 ng
RT: 21.92 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

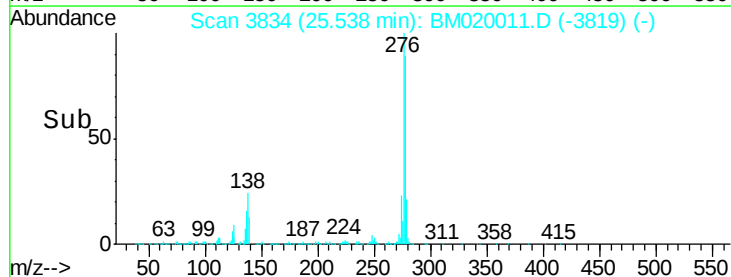
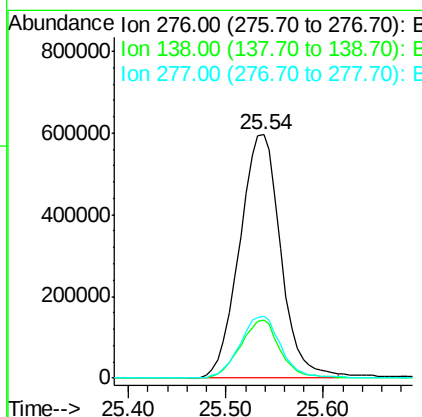
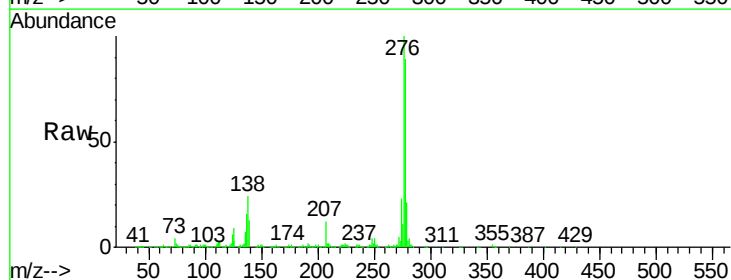
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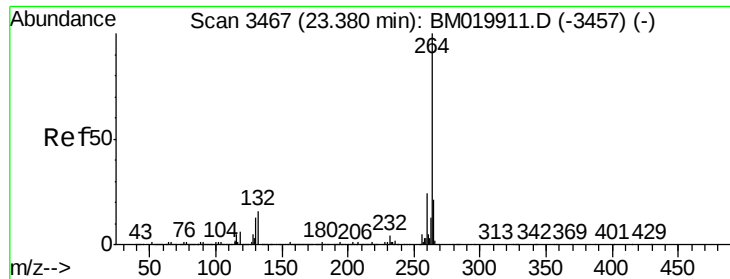
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#86
Indeno(1,2,3-cd)pyrene
Concen: 77.488 ng
RT: 25.54 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.2	19.0	28.6
277	25.4	20.3	30.5





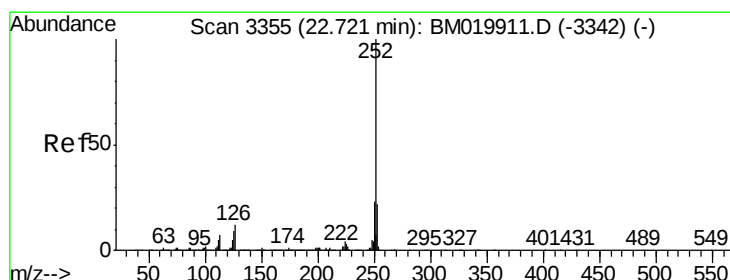
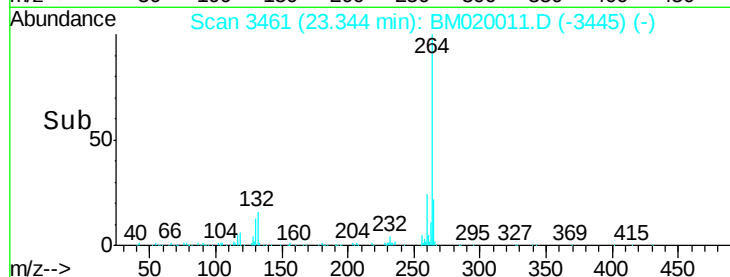
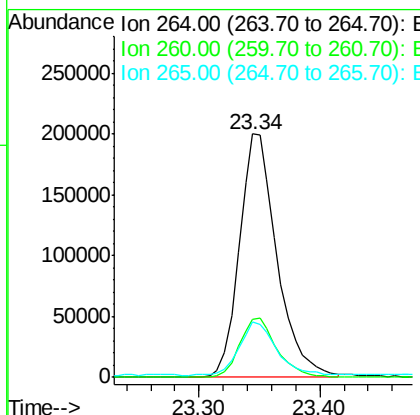
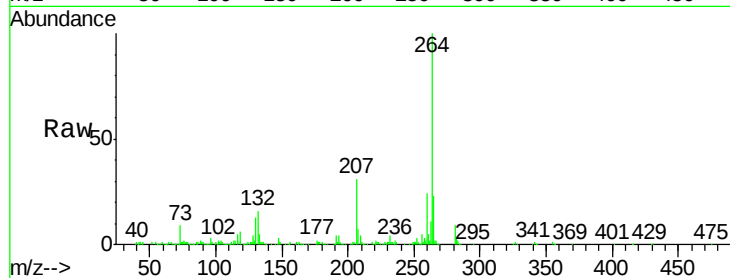
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.0	17.2	25.8

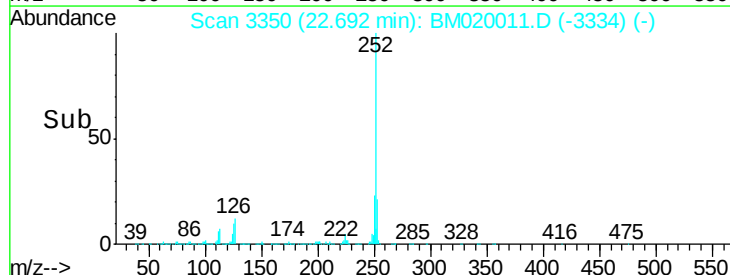
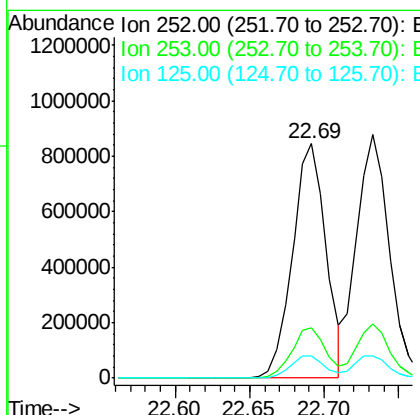
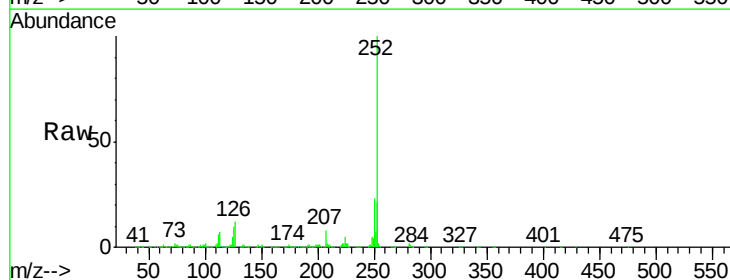
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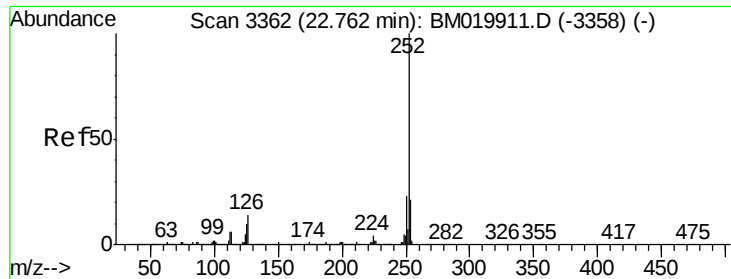
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#88
Benzo(b)fluoranthene
Concen: 45.988 ng
RT: 22.69 min Scan# 3350
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	9.6	7.6	11.4





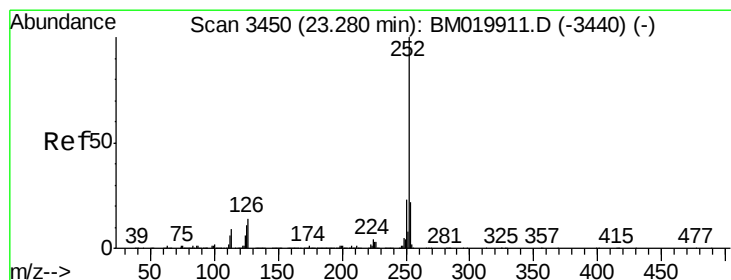
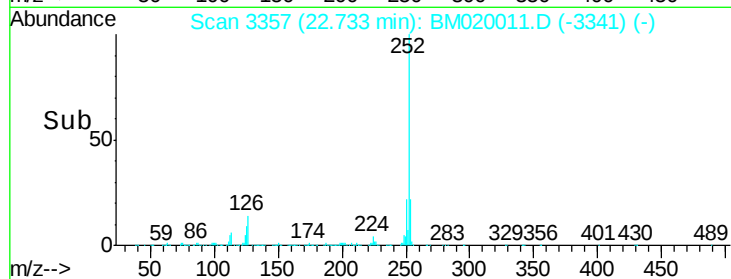
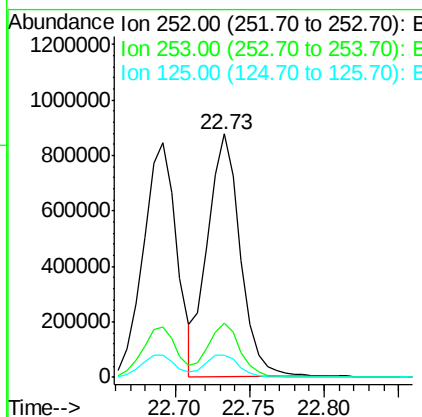
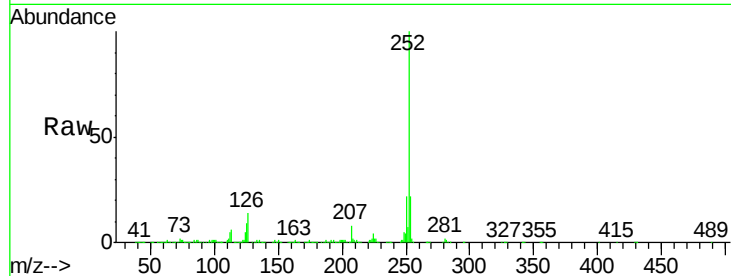
#89
Benzo(k)fluoranthene
Concen: 49.485 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	9.2	8.2	12.4

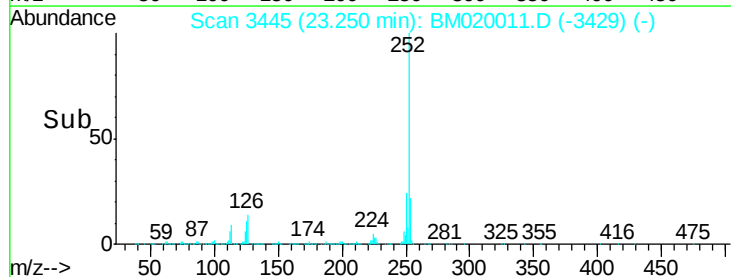
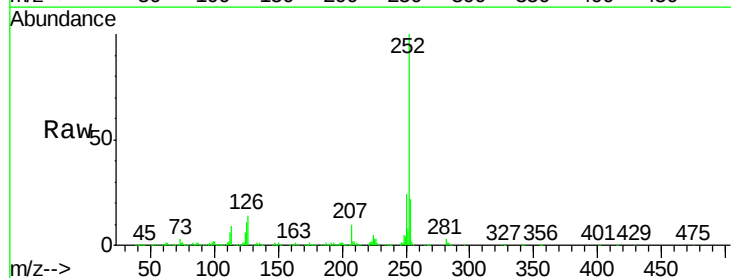
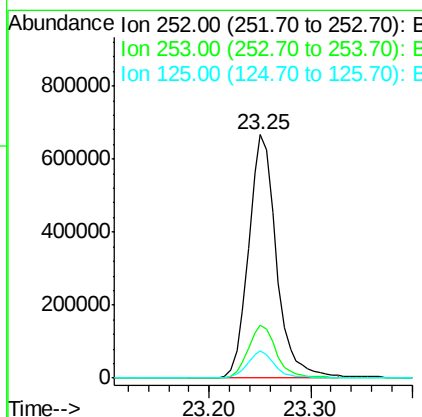
Manual Integrations
APPROVED

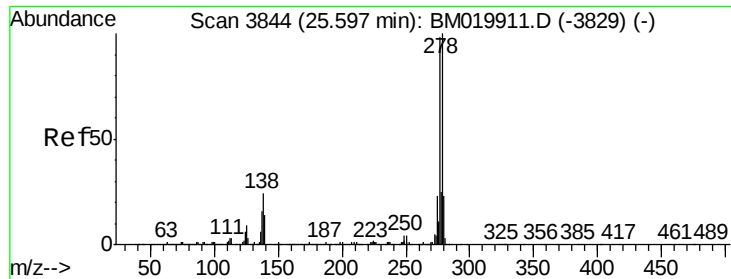
Sohil
4/23/2019 4:13:34 PM



#90
Benzo(a)pyrene
Concen: 49.856 ng
RT: 23.25 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.1	9.1	13.7





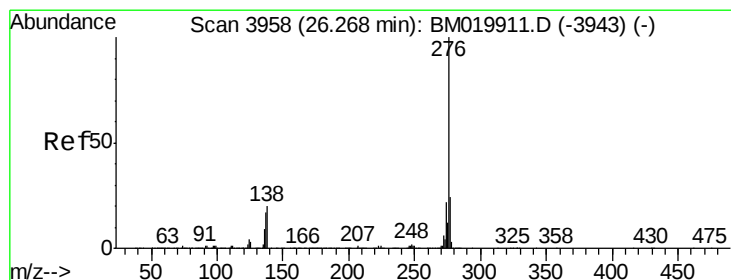
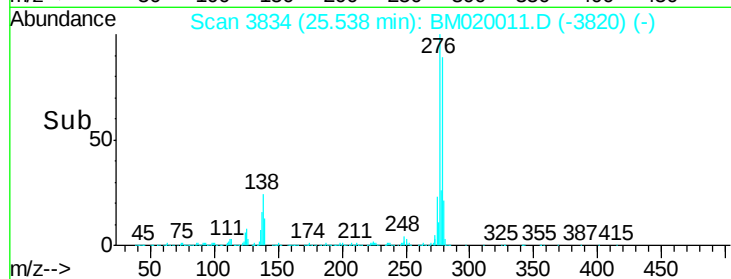
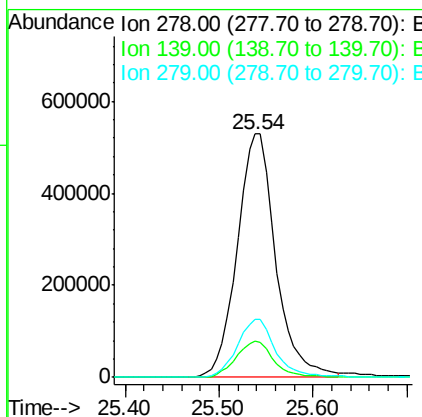
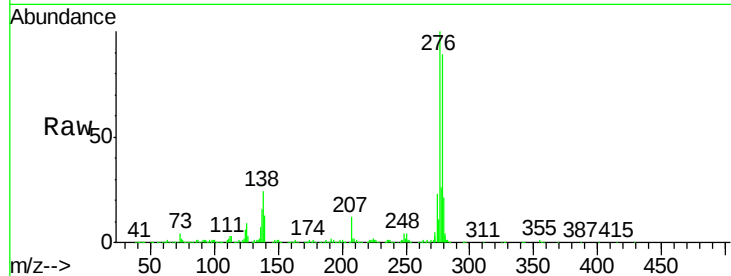
#91
Dibenzo(a,h)anthracene
Concen: 61.314 ng
RT: 25.54 min Scan# 3834
Delta R.T. -0.02 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMSD

Tgt Ion: 278 Resp: 1502294
Ion Ratio Lower Upper
278 100
139 15.0 11.6 17.4
279 23.9 18.4 27.6

Manual Integrations
APPROVED

Sohil
4/23/2019 4:13:34 PM



#92
Benzo(g,h,i)perylene
Concen: 64.272 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.02 min
Lab File: BM020011.D
Acq: 22 Apr 2019 18:18

Tgt Ion: 276 Resp: 1426330
Ion Ratio Lower Upper
276 100
277 24.6 18.8 28.2
138 20.0 16.2 24.4

