

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042219\
 Data File : BM020009.D
 Acq On : 22 Apr 2019 17:05
 Operator : JU/SJ
 Sample : K2193-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 4/23/2019 4:13:31 PM

Quant Time: Apr 23 01:50:50 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	113228	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	416223	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	211010	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	409550	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	352223	20.00	ng	0.00
87) Perylene-d12	23.34	264	388518	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	821600	117.60	ng	0.00
7) Phenol-d6	6.70	99	995998	94.72	ng	-0.01
23) Nitrobenzene-d5	8.67	82	798064	85.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	400595	117.94	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	1488672	87.92	ng	-0.01
79) Terphenyl-d14	19.59	244	1881238	94.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	130338	43.231	ng	# 62
3) Pyridine	3.51	79	251182	29.749	ng	99
4) n-Nitrosodimethylamine	3.42	42	118297	43.492	ng	90
6) Aniline	6.86	93	138214	10.177	ng	99
8) 2-Chlorophenol	7.07	128	324044	37.291	ng	99
9) Benzaldehyde	6.69	77	103399	14.046	ng	98
10) Phenol	6.73	94	359140	31.262	ng	95
11) bis(2-Chloroethyl)ether	6.95	93	313031	37.242	ng	99
12) 1,3-Dichlorobenzene	7.39	146	306855	33.637	ng	98
13) 1,4-Dichlorobenzene	7.54	146	314426	33.971	ng	99
14) 1,2-Dichlorobenzene	7.85	146	309005	33.670	ng	100
15) Benzyl Alcohol	7.77	79	324542	33.952	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.03	45	272747	34.040	ng	98
17) 2-Methylphenol	7.96	107	255363	33.586	ng	98
18) Hexachloroethane	8.55	117	115916	32.218	ng	98
19) n-Nitroso-di-n-propylamine	8.32	70	288824	31.248	ng	99
20) 3+4-Methylphenols	8.30	107	325396	31.154	ng	99
22) Acetophenone	8.34	105	501994	44.280	ng	99
24) Nitrobenzene	8.72	77	425853	44.169	ng	97
25) Isophorone	9.23	82	702077	38.752	ng	99
26) 2-Nitrophenol	9.42	139	161437	39.292	ng	98
27) 2,4-Dimethylphenol	9.48	122	250047	43.042	ng	99
28) bis(2-Chloroethoxy)methane	9.72	93	401698	39.595	ng	99
29) 2,4-Dichlorophenol	9.96	162	257459	39.022	ng	100
30) 1,2,4-Trichlorobenzene	10.14	180	303403	42.726	ng	99
31) Naphthalene	10.33	128	919751	41.198	ng	99
32) Benzoic acid	9.66	122	79990	18.146	ng	99
33) 4-Chloroaniline	10.50	127	34302	3.730	ng	97
34) Hexachlorobutadiene	10.57	225	172448	41.175	ng	97
35) Caprolactam	11.32	113	54679m	21.894	ng	
36) 4-Chloro-3-methylphenol	11.61	107	289546	35.319	ng	99
37) 2-Methylnaphthalene	11.95	142	655750	40.345	ng	98
38) 1-Methylnaphthalene	12.17	142	621659	38.737	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	316893	48.681	ng	99

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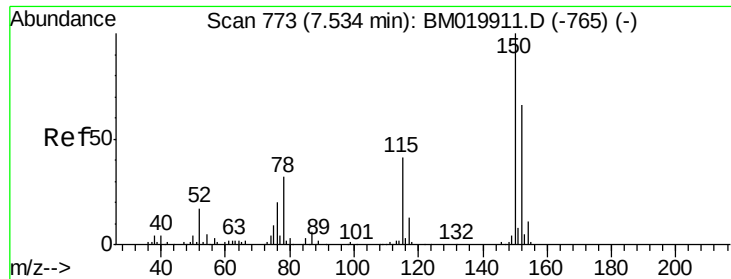
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.28	237	200428	85.951	ng	98
43) 2,4,6-Trichlorophenol	12.60	196	202330	45.846	ng	99
44) 2,4,5-Trichlorophenol	12.68	196	197534	43.005	ng	96
46) 1,1'-Biphenyl	12.99	154	838809	45.896	ng	99
47) 2-Chloronaphthalene	13.03	162	638970	45.835	ng	99
48) 2-Nitroaniline	13.29	65	204511	40.699	ng	96
49) Acenaphthylene	13.89	152	1011422	41.699	ng	100
50) Dimethylphthalate	13.65	163	785774	42.218	ng	99
51) 2,6-Dinitrotoluene	13.79	165	165967	40.325	ng	88
52) Acenaphthene	14.23	154	586501	43.610	ng	98
53) 3-Nitroaniline	14.14	138	45578	11.091	ng	99
54) 2,4-Dinitrophenol	14.36	184	119993	51.737	ng	92
55) Dibenzofuran	14.57	168	938488	42.674	ng	97
56) 4-Nitrophenol	14.47	139	160089	51.611	ng	93
57) 2,4-Dinitrotoluene	14.59	165	223744	37.819	ng	99
58) Fluorene	15.23	166	766453	41.130	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.82	232	177826	42.429	ng	99
60) Diethylphthalate	15.02	149	804227	41.546	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	382443	42.625	ng	96
62) 4-Nitroaniline	15.31	138	121624	30.038	ng	89
63) Azobenzene	15.52	77	888789	42.959	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	84328	32.272	ng	92
66) n-Nitrosodiphenylamine	15.45	169	630613	47.098	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	218849	46.478	ng	99
68) Hexachlorobenzene	16.23	284	257987	45.663	ng	97
69) Atrazine	16.42	200	206477	45.427	ng	98
70) Pentachlorophenol	16.60	266	229520	79.508	ng	99
71) Phenanthrene	16.98	178	1075153	44.238	ng	99
72) Anthracene	17.07	178	1087416	44.948	ng	100
73) Carbazole	17.36	167	928612	41.112	ng	100
74) Di-n-butylphthalate	17.90	149	1295108	43.660	ng	99
75) Fluoranthene	19.01	202	1142881	40.862	ng	100
77) Benzidine	19.24	184	60101	6.184	ng	96
78) Pyrene	19.38	202	1172496	50.267	ng	100
80) Butylbenzylphthalate	20.29	149	559317	49.460	ng	99
81) Benzo(a)anthracene	21.14	228	1040191	46.620	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	168870	20.342	ng	100
83) Chrysene	21.20	228	1031630	48.212	ng	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	819682	48.687	ng	100
85) Di-n-octyl phthalate	21.92	149	1390277	50.893	ng	100
86) Indeno(1,2,3-cd)pyrene	25.53	276	1514937	71.970	ng	99
88) Benzo(b)fluoranthene	22.69	252	1112568	43.126	ng	100
89) Benzo(k)fluoranthene	22.73	252	1124805	46.312	ng	99
90) Benzo(a)pyrene	23.25	252	1067664	46.707	ng	99
91) Dibenzo(a,h)anthracene	25.54	278	1270919	57.667	ng	99
92) Benzo(g,h,i)perylene	26.21	276	1243834	62.312	ng	99

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



#1

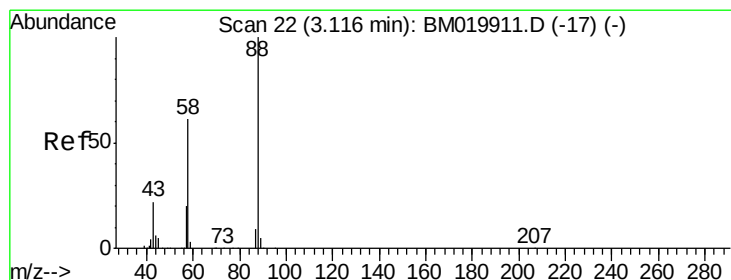
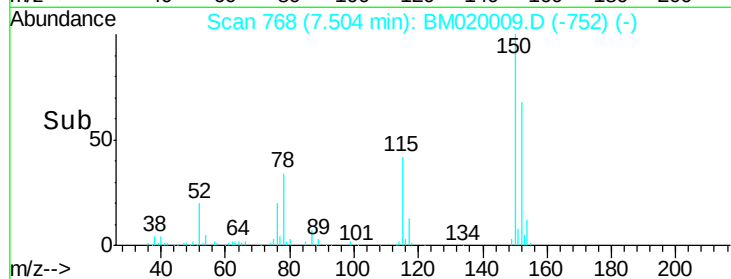
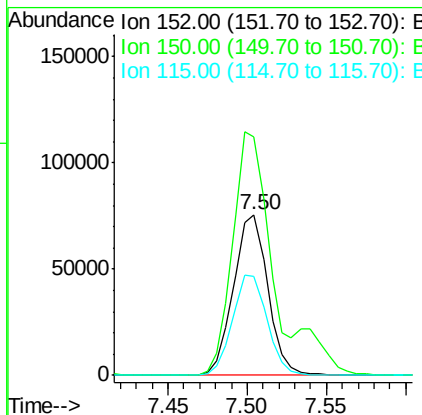
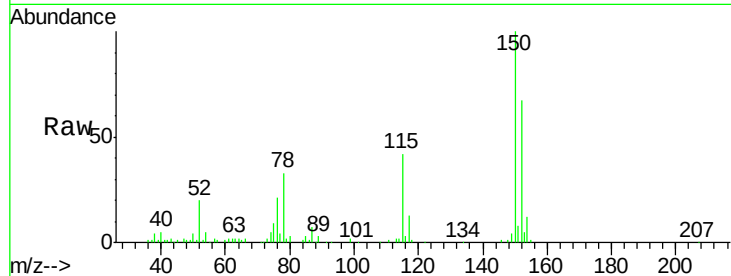
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Instrument :
BNA_M
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HR-05-041719-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.5	122.1	183.1
115	62.0	50.0	75.0

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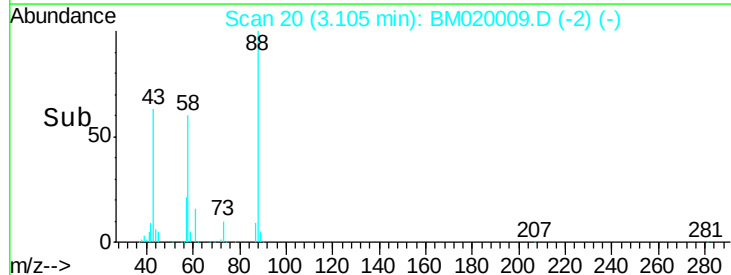
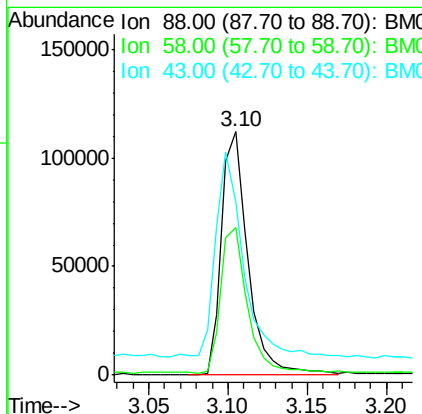
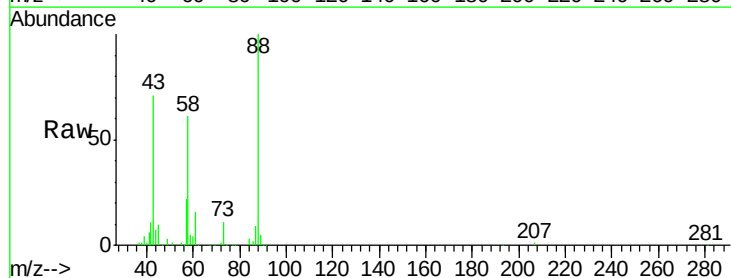
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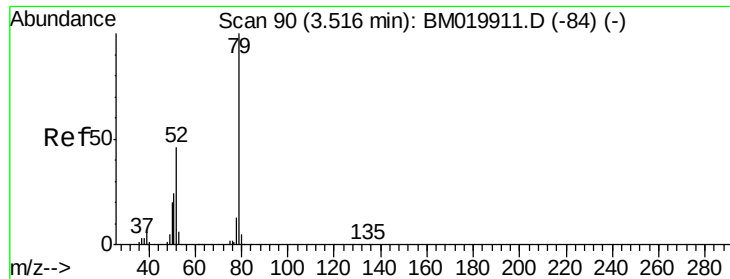


#2

1,4-Dioxane
Concen: 43.231 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.1	49.6	74.4
43	87.1	18.6	27.8





#3

Pyridine

Concen: 29.749 ng

RT: 3.51 min Scan# 89

Delta R.T. 0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

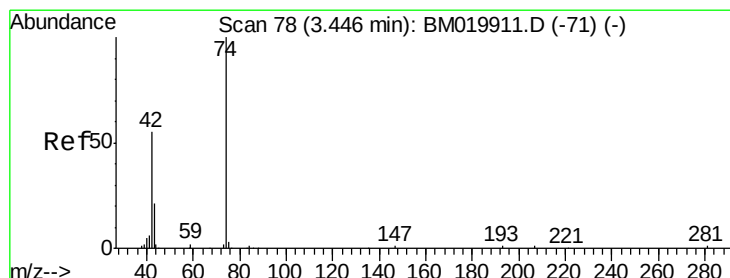
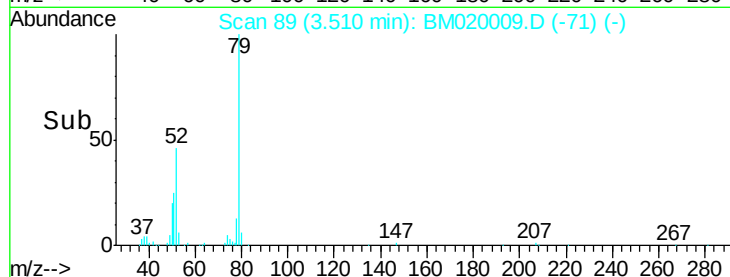
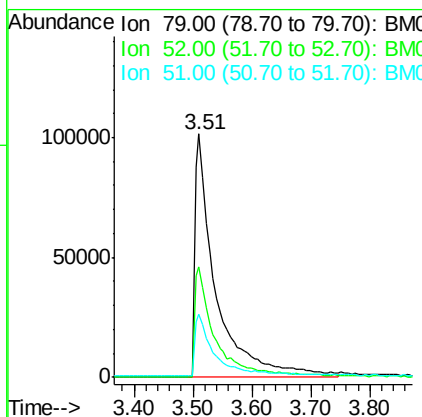
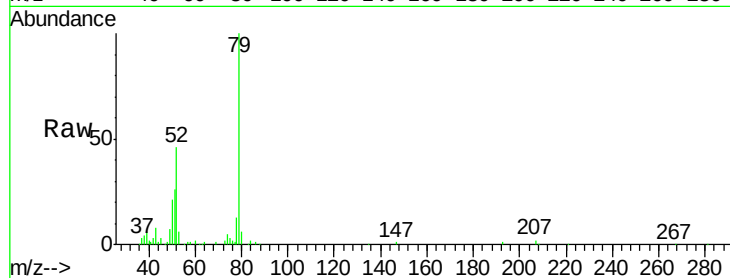
ClientSampleId :

HR-05-041719-AMS

Tgt Ion:	79	Resp:	251182
Ion	Ratio	Lower	Upper
79	100		
52	45.6	36.9	55.3
51	25.8	20.0	30.0

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#4

n-Nitrosodimethylamine

Concen: 43.492 ng

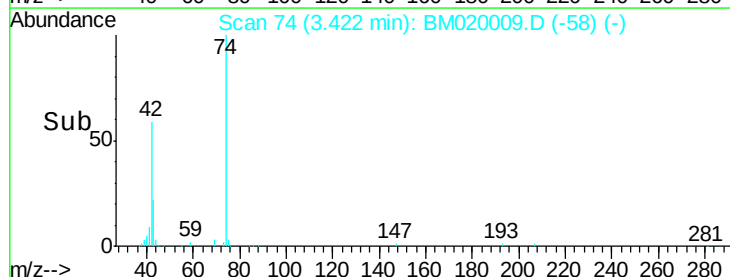
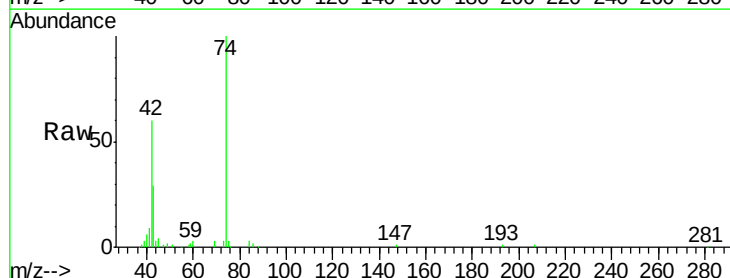
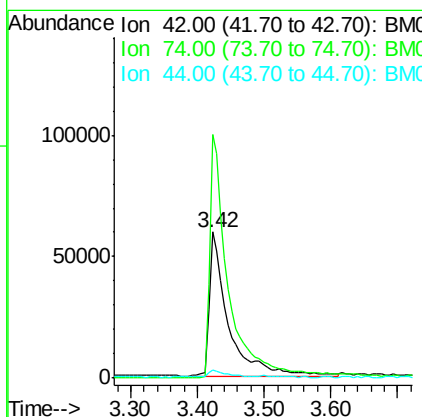
RT: 3.42 min Scan# 74

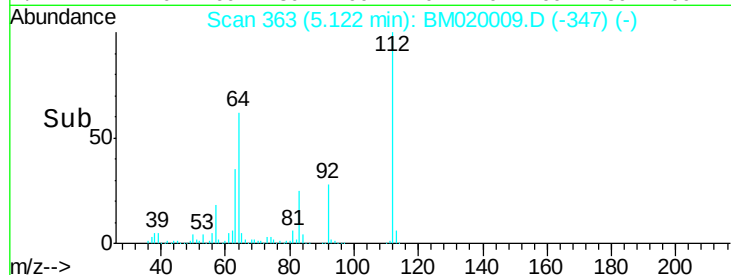
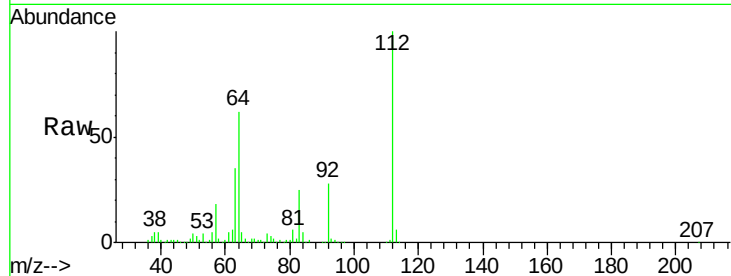
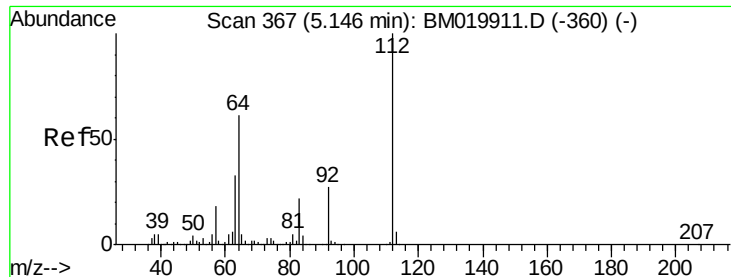
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion:	42	Resp:	118297
Ion	Ratio	Lower	Upper
42	100		
74	166.8	144.6	217.0
44	5.7	5.4	8.2





#5

2-Fluorophenol

Concen: 117.597 ng

RT: 5.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

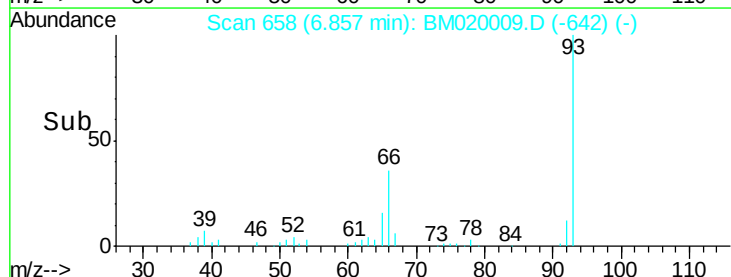
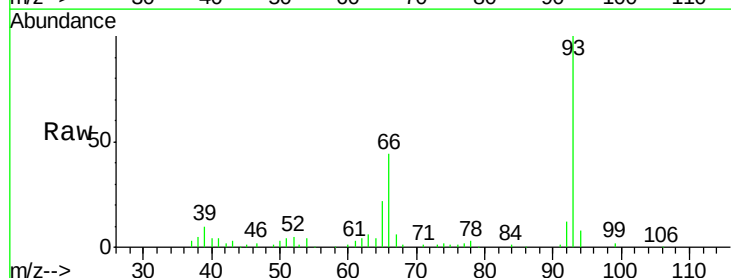
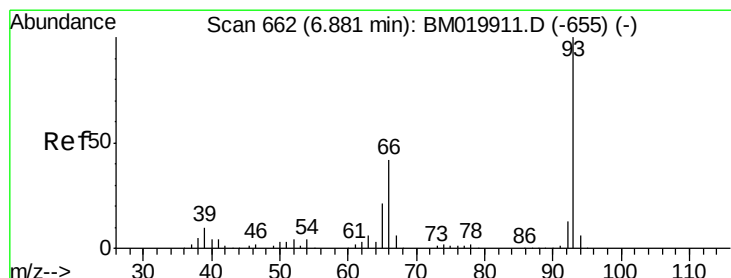
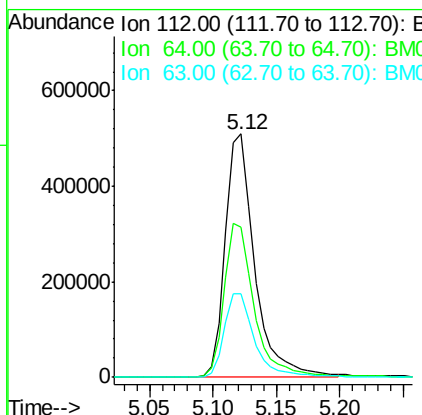
ClientSampleId :

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Tgt Ion:	112	Resp:	821600
Ion Ratio	Lower	Upper	
112	100		
64	61.9	49.1	73.7
63	34.5	26.5	39.7

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#6

Aniline

Concen: 10.177 ng

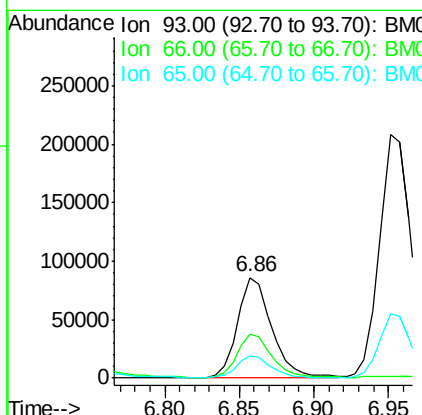
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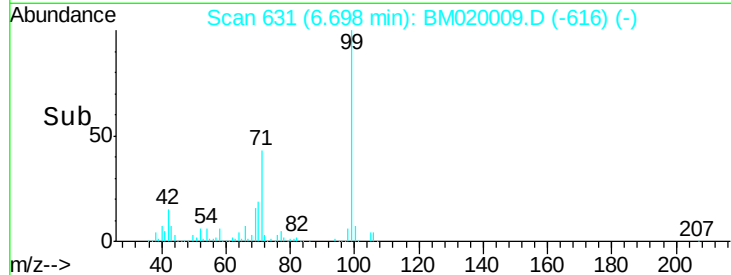
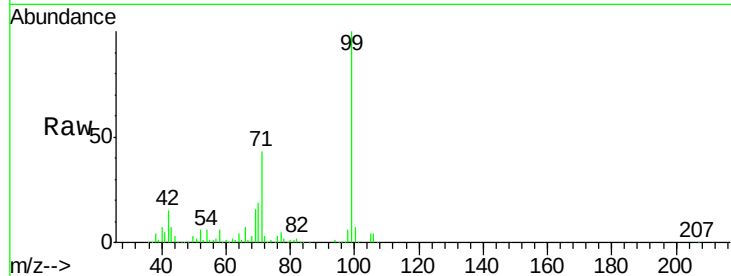
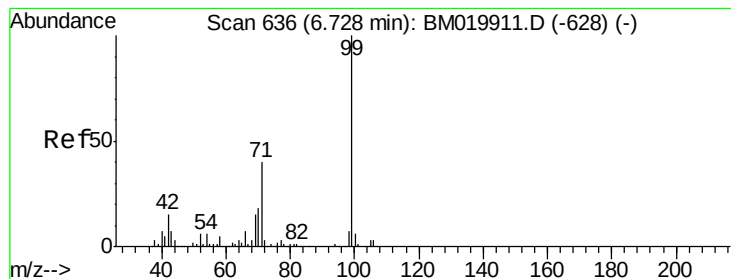
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion:	93	Resp:	138214
Ion Ratio	Lower	Upper	
93	100		
66	43.6	33.9	50.9
65	21.7	17.0	25.6





#7

Phenol-d6

Concen: 94.724 ng

RT: 6.70 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	995998		
42	15.4		11.8	17.8
71	43.2		32.0	48.0

Instrument :

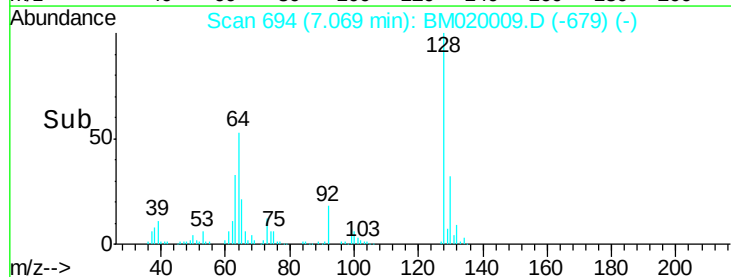
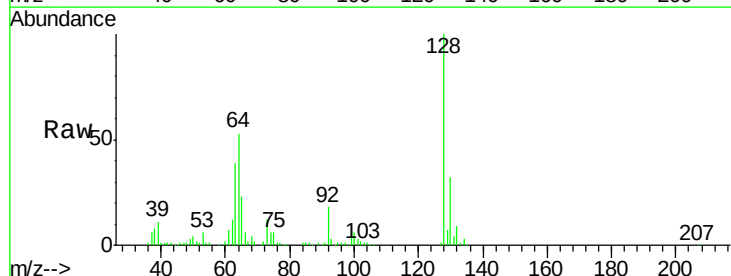
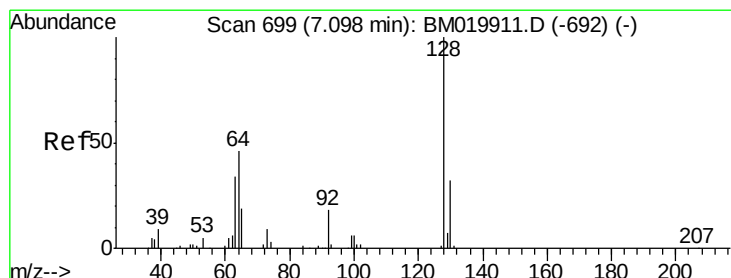
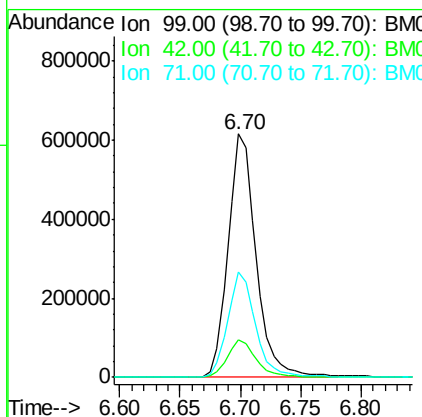
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#8

2-Chlorophenol

Concen: 37.291 ng

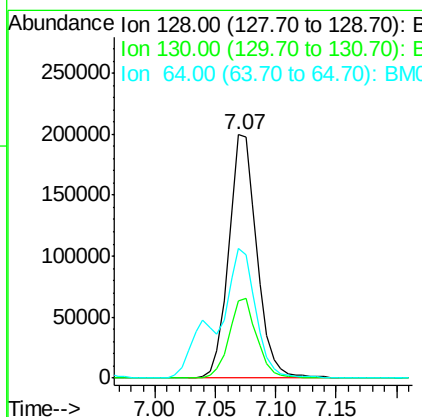
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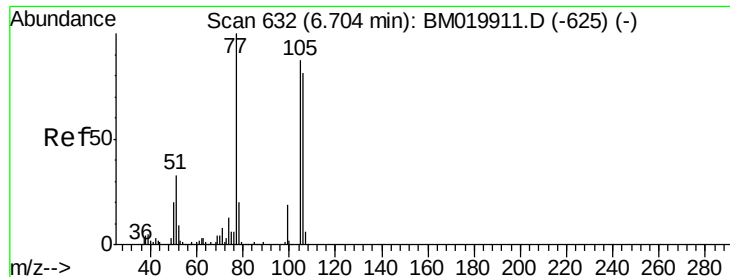
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	324044		
130	31.5		12.0	52.0
64	53.4		33.0	73.0





#9

Benzaldehyde

Concen: 14.046 ng

RT: 6.69 min Scan# 629

Delta R.T. 0.00 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

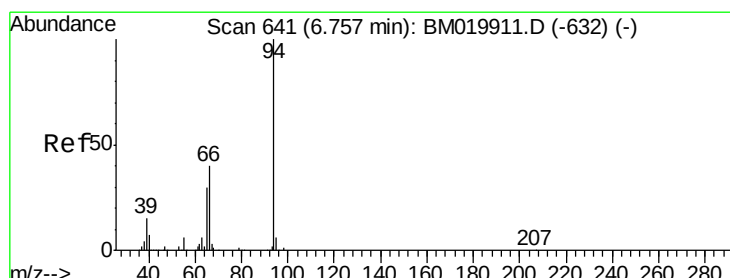
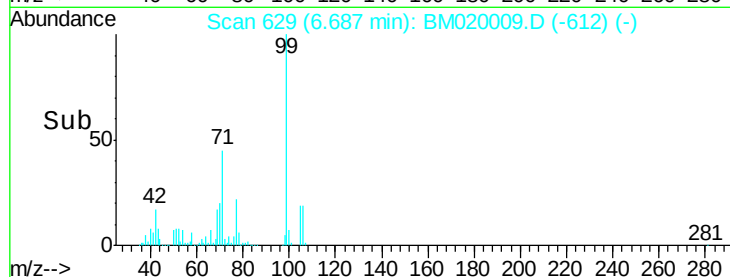
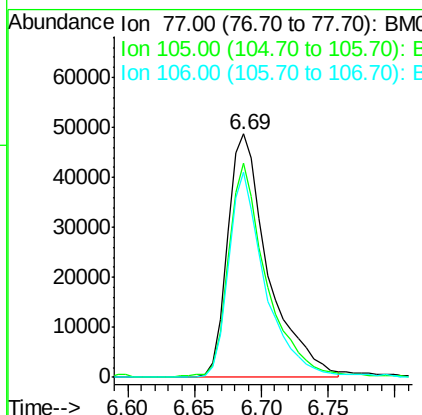
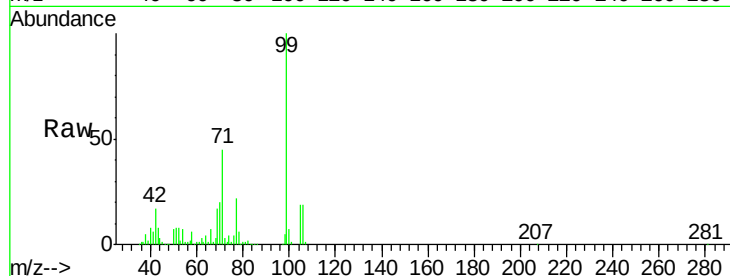
ClientSampleId :

HR-05-041719-AMS

Tgt Ion:	77	Resp:	103399
Ion Ratio	Lower	Upper	
77	100		
105	87.7	67.3	107.3
106	84.1	60.6	100.6

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#10

Phenol

Concen: 31.262 ng

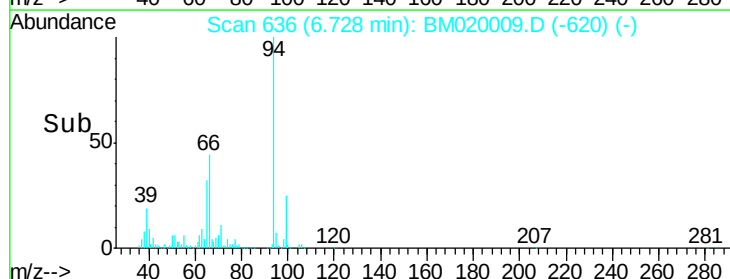
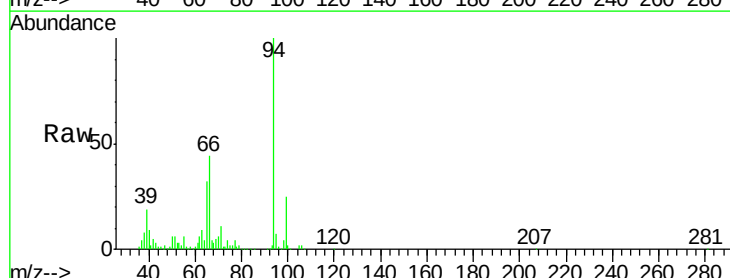
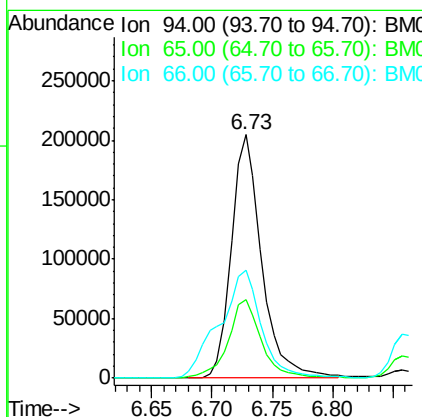
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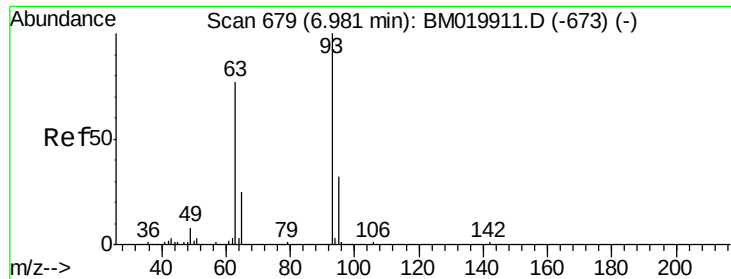
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion:	94	Resp:	359140
Ion Ratio	Lower	Upper	
94	100		
65	32.1	10.0	50.0
66	44.4	20.2	60.2





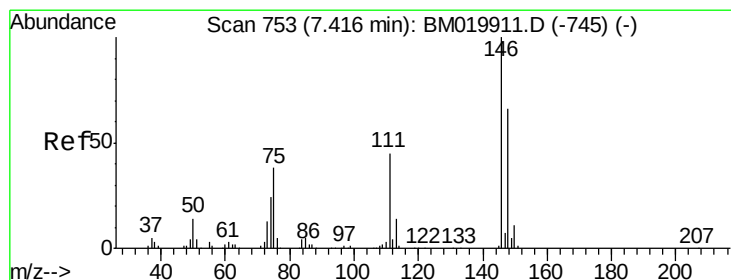
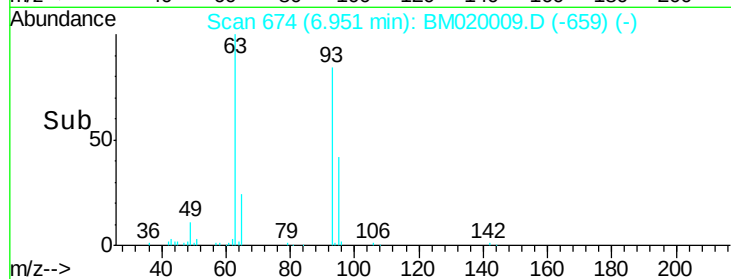
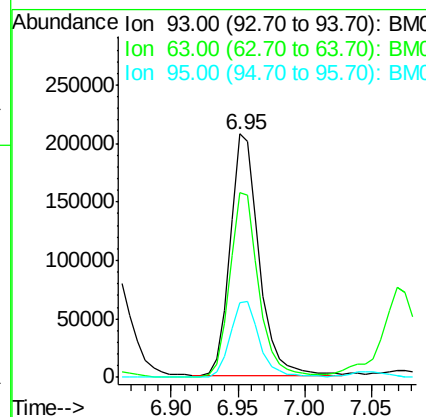
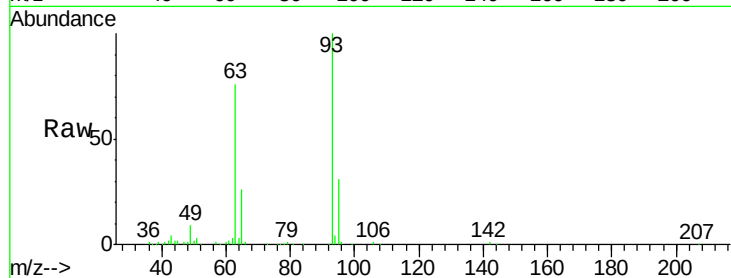
#11
bis(2-Chloroethyl)ether
Concen: 37.242 ng
RT: 6.95 min Scan# 674
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.0	55.8	95.8
95	30.8	11.6	51.6

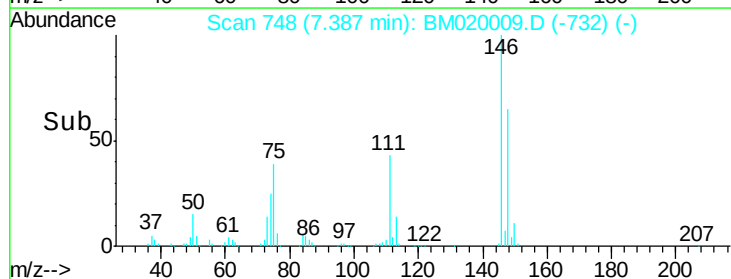
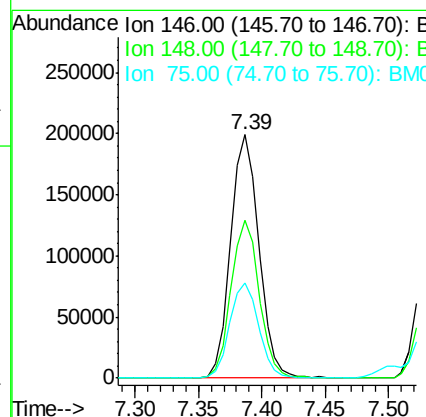
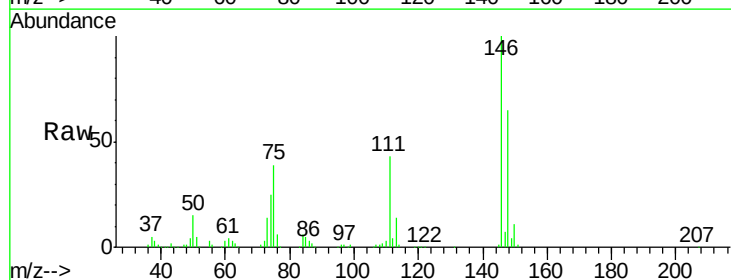
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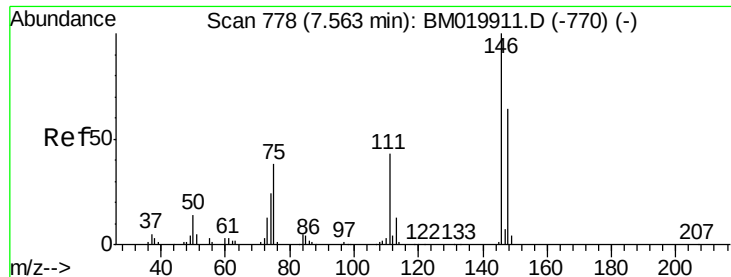
Sohil
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#12
1,3-Dichlorobenzene
Concen: 33.637 ng
RT: 7.39 min Scan# 748
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.6	78.8
75	39.3	30.0	45.0





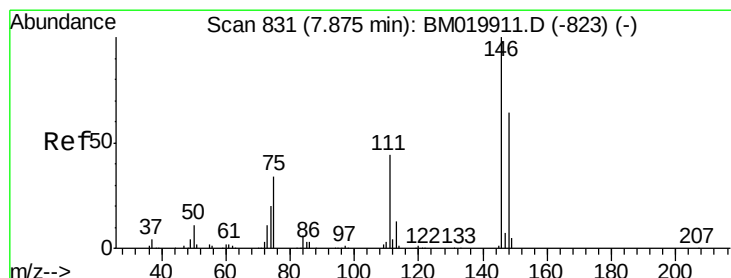
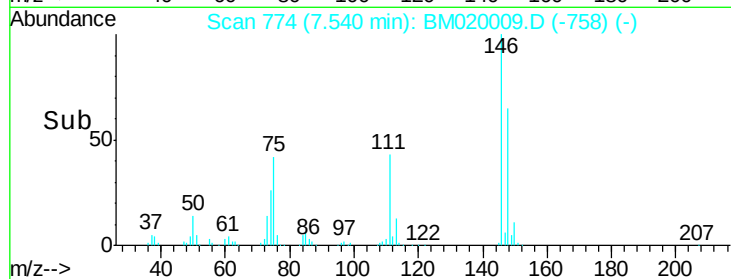
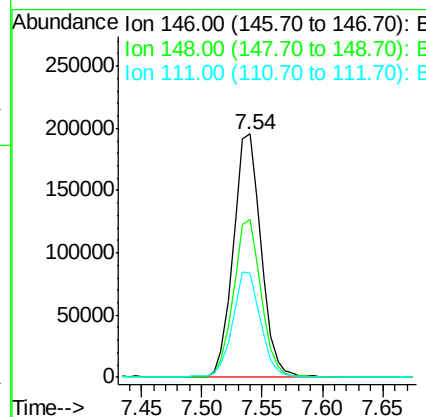
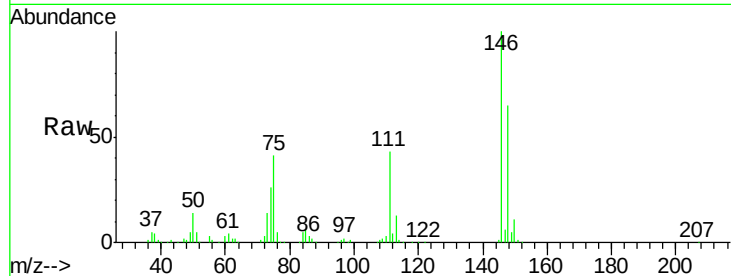
#13
 1,4-Dichlorobenzene
 Concen: 33.971 ng
 RT: 7.54 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.1	76.7
111	42.8	34.6	51.8

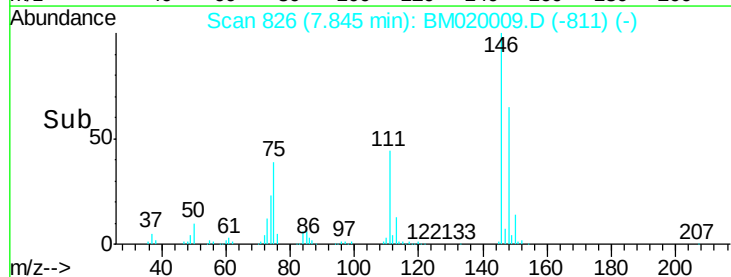
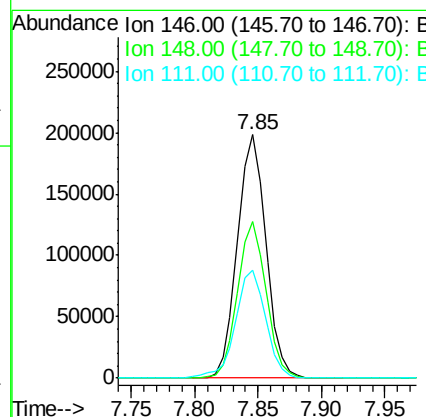
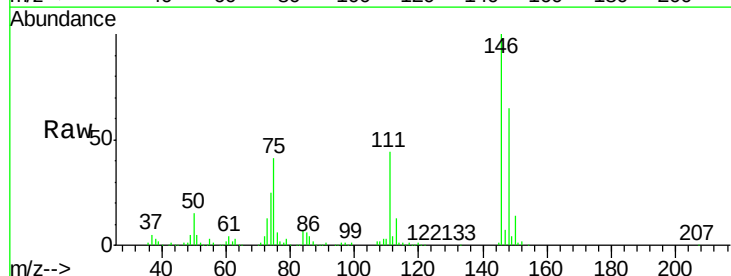
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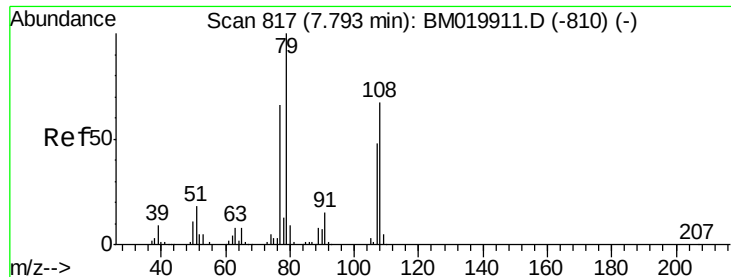
Sohil
 4/23/2019 4:13:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 33.670 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.2
111	44.4	35.4	53.0





#15

Benzyl Alcohol

Concen: 33.952 ng

RT: 7.77 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

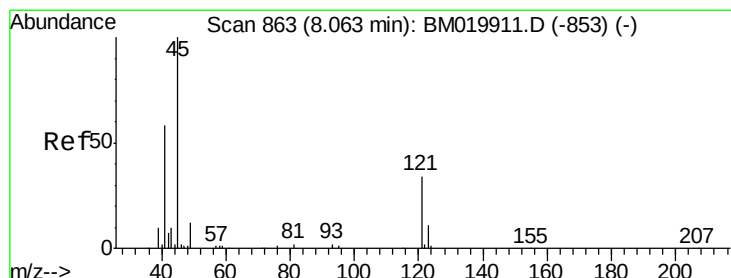
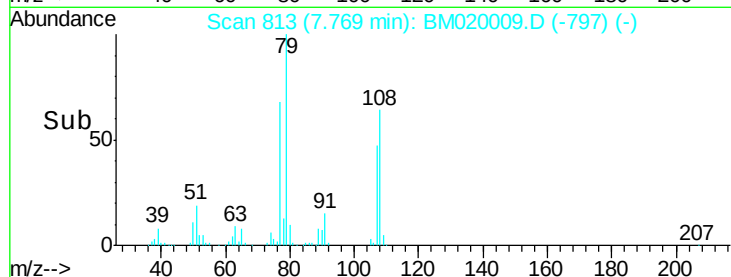
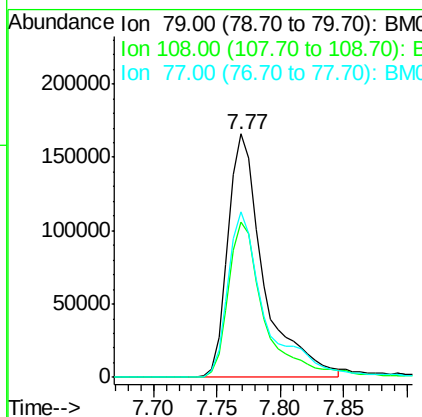
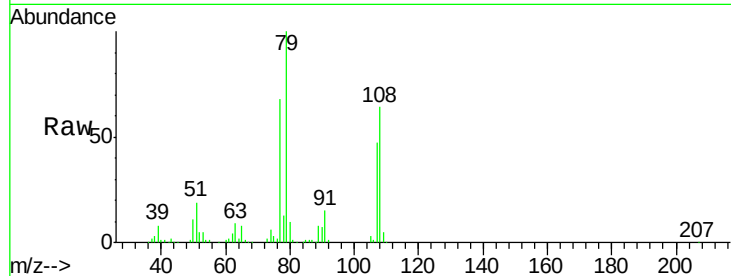
ClientSampleId :

HR-05-041719-AMS

Tgt Ion:	79	Resp:	324542
Ion Ratio	Lower	Upper	
79	100		
108	63.6	53.9	80.9
77	68.0	53.1	79.7

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.040 ng

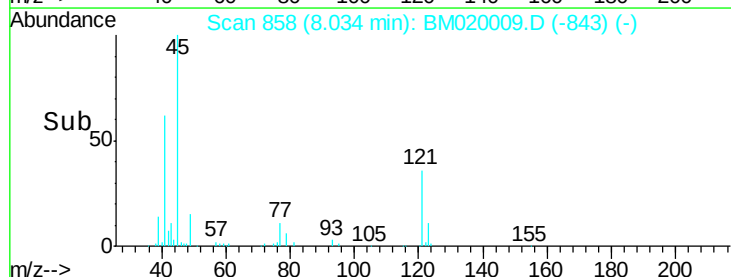
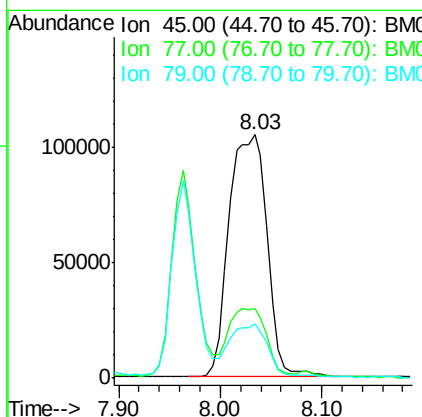
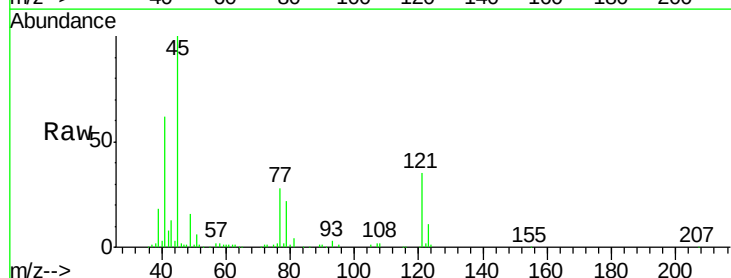
RT: 8.03 min Scan# 858

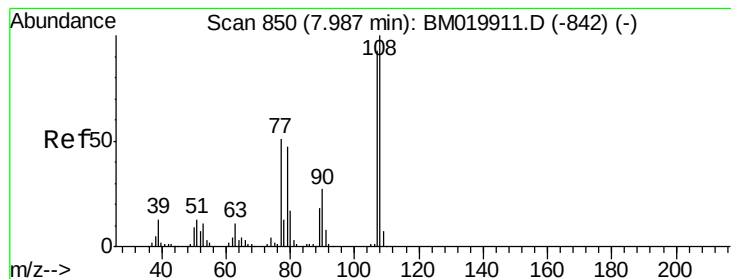
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

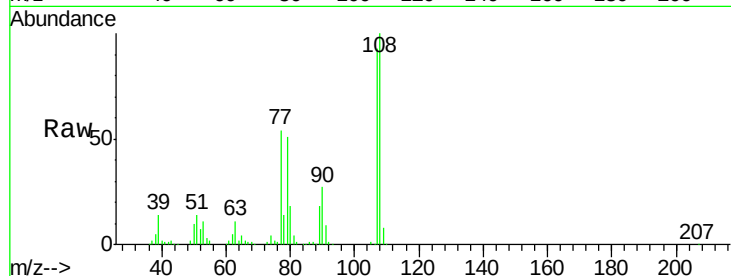
Tgt Ion:	45	Resp:	272747
Ion Ratio	Lower	Upper	
45	100		
77	28.4	7.2	47.2
79	22.2	1.2	41.2





#17
2-Methylphenol
Concen: 33.586 ng
RT: 7.96 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

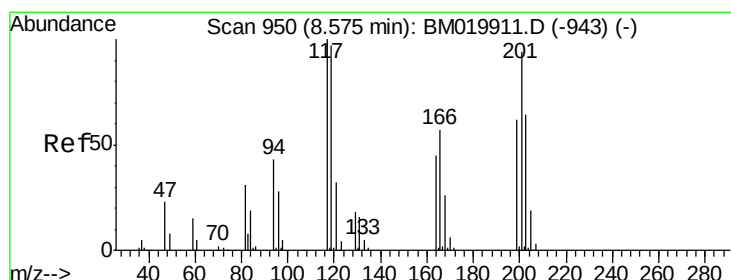
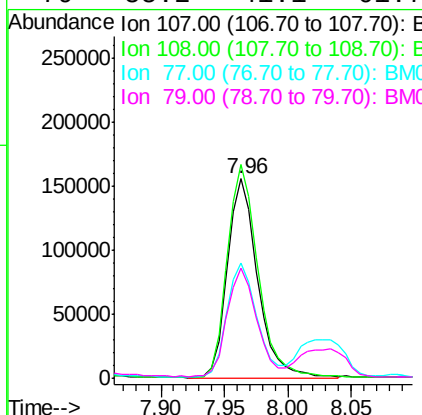
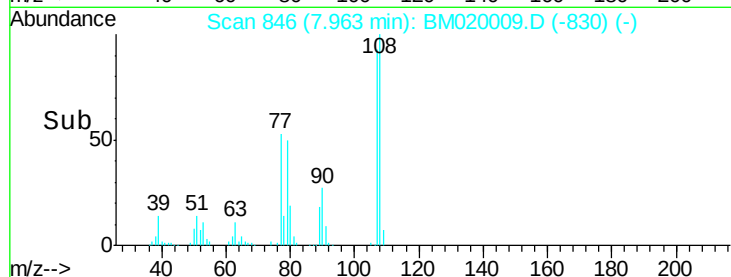
Instrument :
BNA_M
ClientSampleId :
HR-05-041719-AMS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	255363		
108	107.3	85.9	128.9	
77	57.9	43.8	65.6	
79	55.2	41.1	61.7	

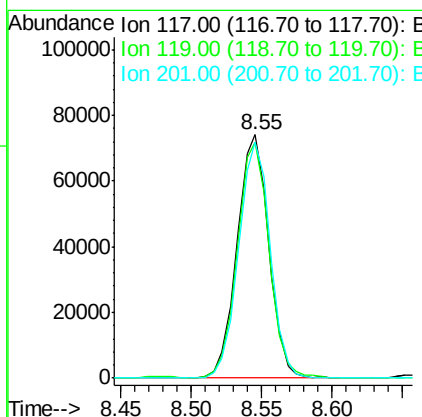
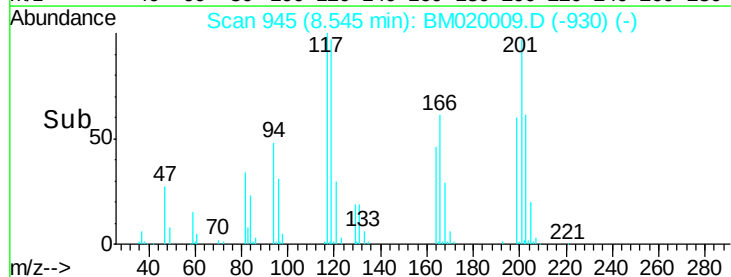
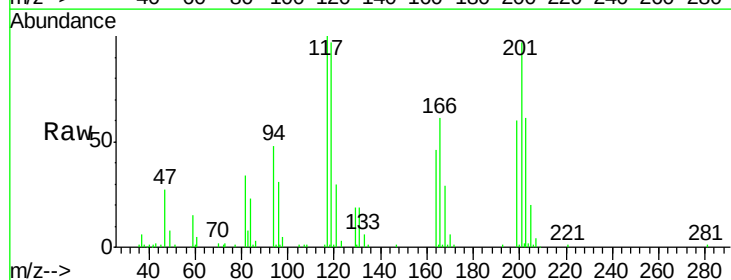
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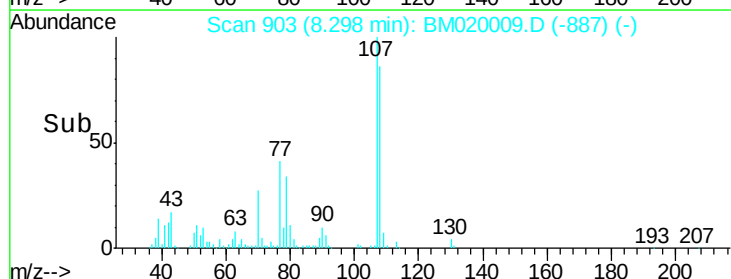
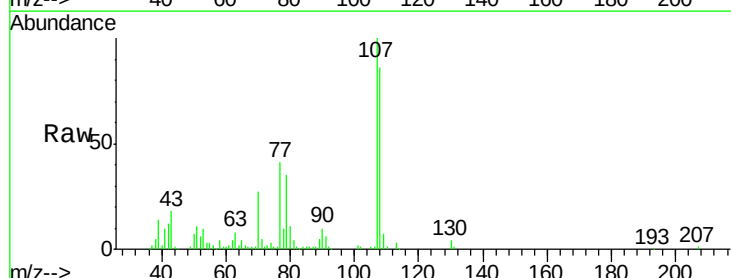
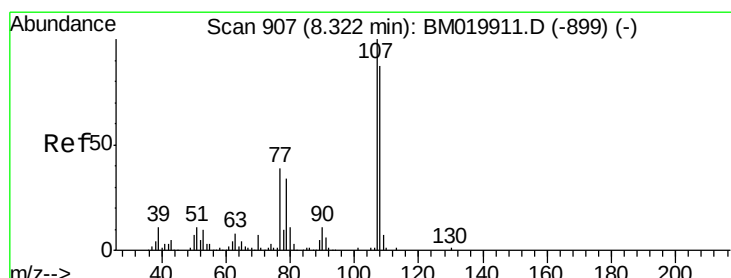
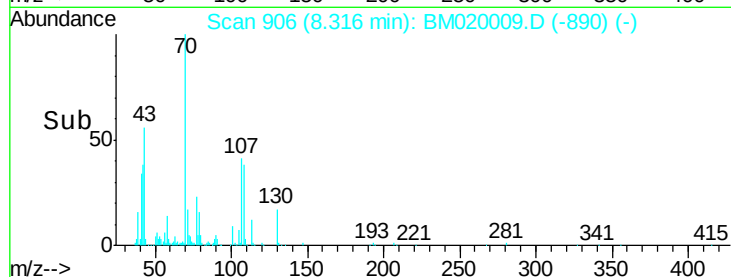
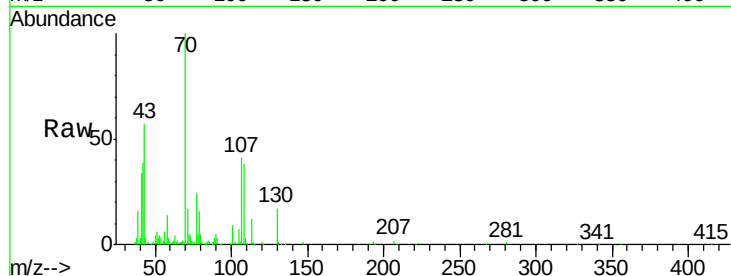
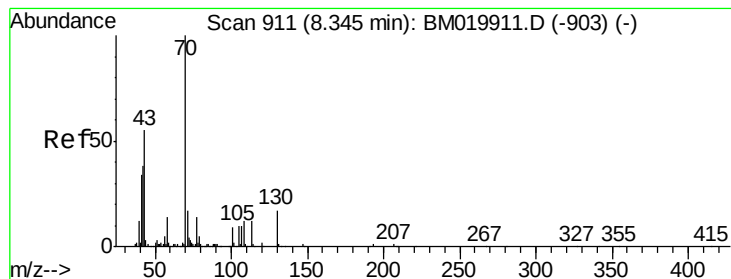
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#18
Hexachloroethane
Concen: 32.218 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115916		
119	96.8	77.6	116.4	
201	97.2	75.4	113.2	





#19

n-Nitroso-di-n-propylamine

Concen: 31.248 ng

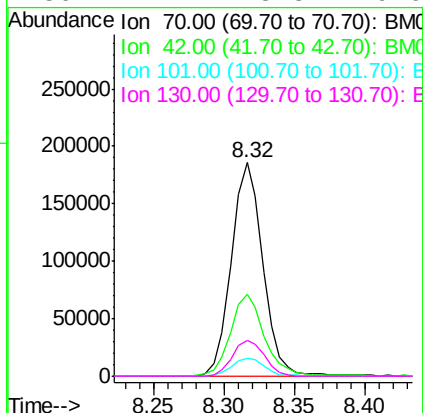
RT: 8.32 min Scan# 906

Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		288824		
42	38.6	30.3	45.5		
101	8.6	6.9	10.3		
130	17.1	13.8	20.6		



Instrument :

BNA_M

ClientSampleId :

HR-05-041719-AMS

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#20

3+4-Methylphenols

Concen: 31.154 ng

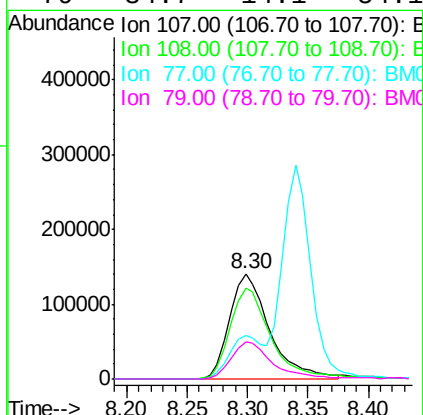
RT: 8.30 min Scan# 903

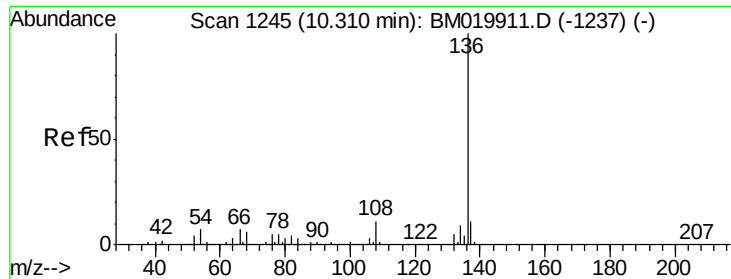
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		325396		
108	86.2	67.4	107.4		
77	41.0	19.7	59.7		
79	34.7	14.1	54.1		





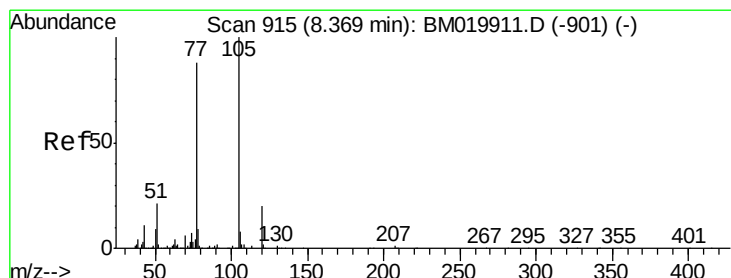
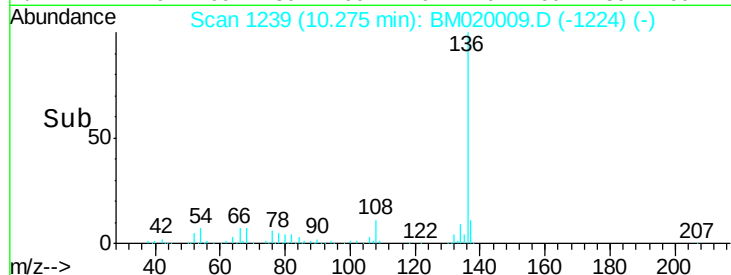
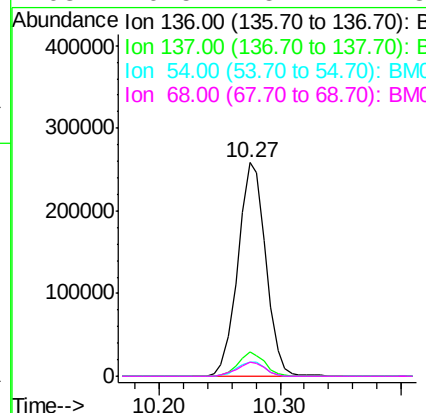
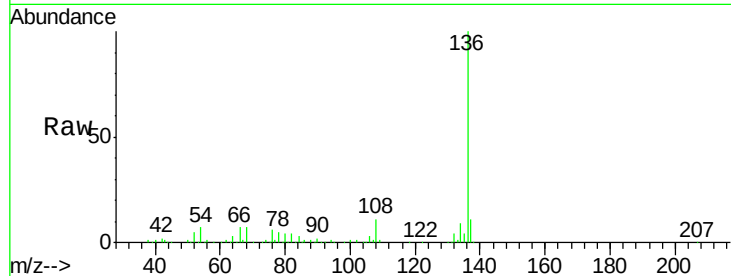
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	416223		
137	11.1	9.0	13.6	
54	6.7	5.3	7.9	
68	6.5	5.2	7.8	

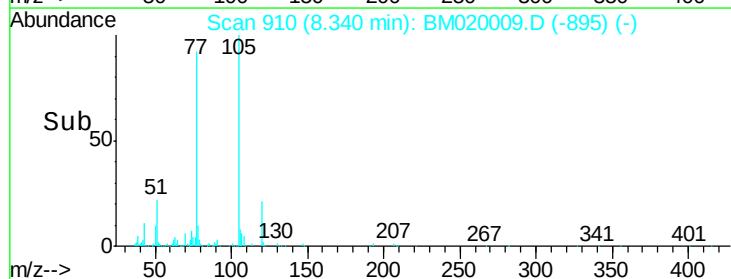
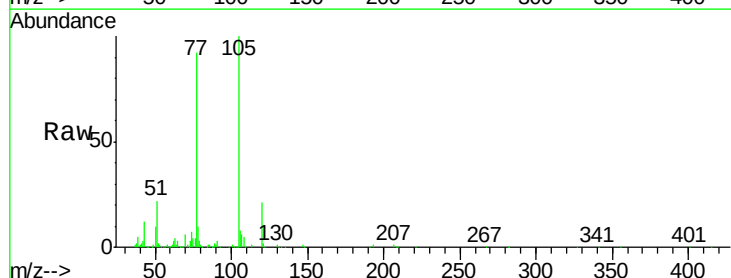
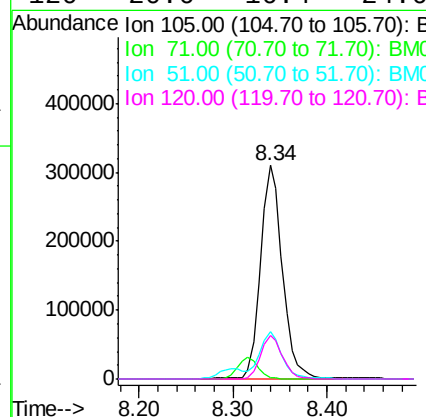
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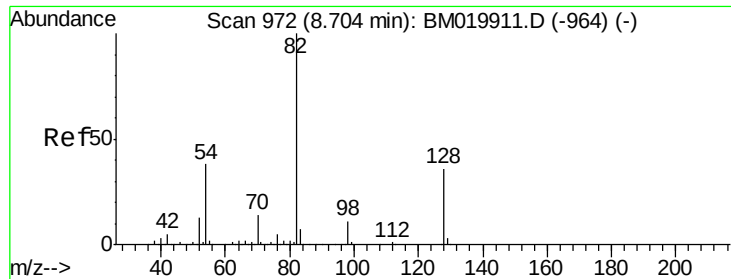
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#22
Acetophenone
Concen: 44.280 ng
RT: 8.34 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	501994		
71	0.8	0.8	1.2	
51	22.2	16.9	25.3	
120	20.6	16.4	24.6	





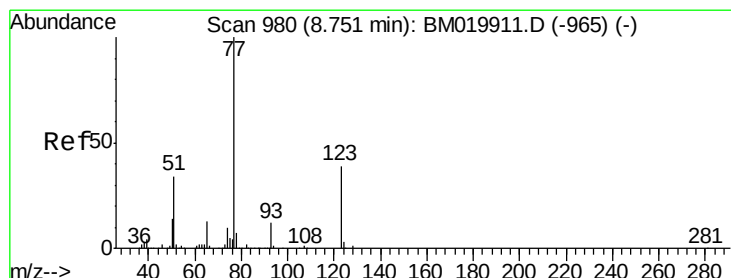
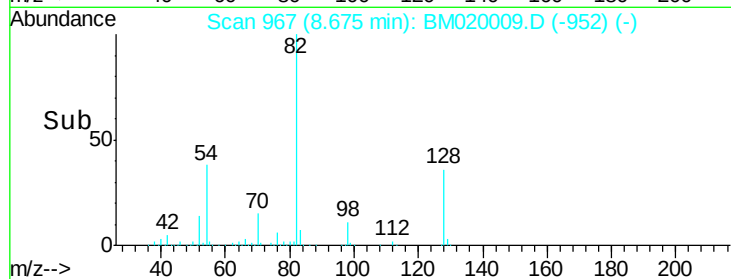
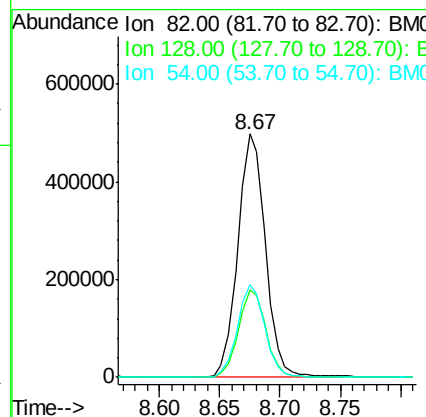
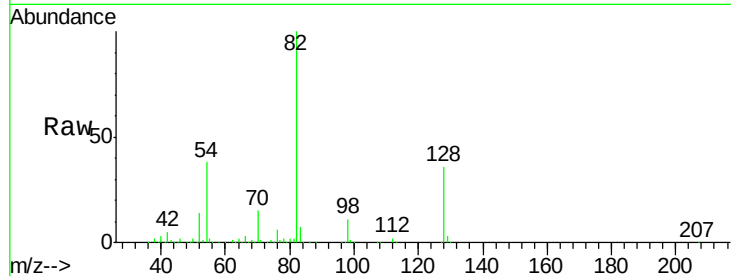
#23
 Nitrobenzene-d5
 Concen: 85.748 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion:	82	Resp:	798064
Ion	Ratio	Lower	Upper
82	100		
128	36.1	29.0	43.4
54	38.1	30.2	45.4

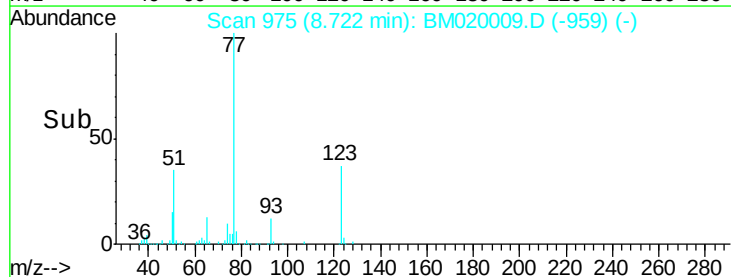
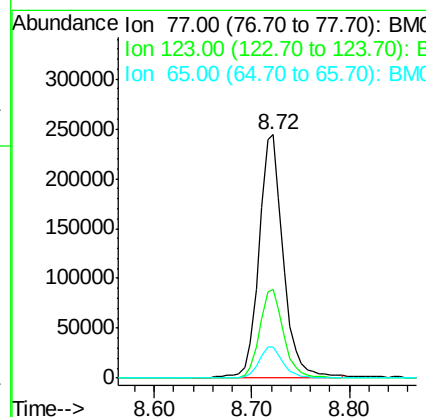
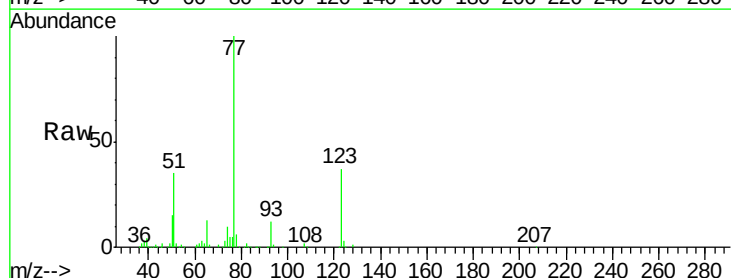
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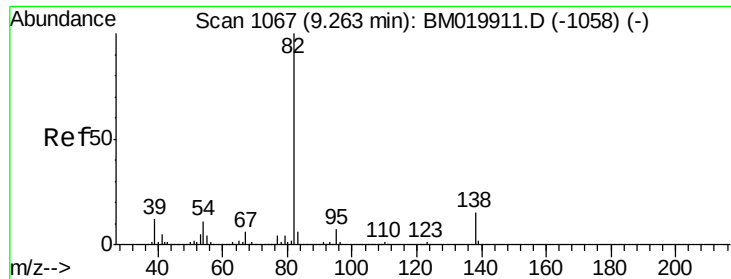
Sohil
 4/23/2019 4:13:31 PM



#24
 Nitrobenzene
 Concen: 44.169 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion:	77	Resp:	425853
Ion	Ratio	Lower	Upper
77	100		
123	36.5	31.0	46.4
65	12.9	10.6	16.0





#25

Isophorone

Concen: 38.752 ng

RT: 9.23 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

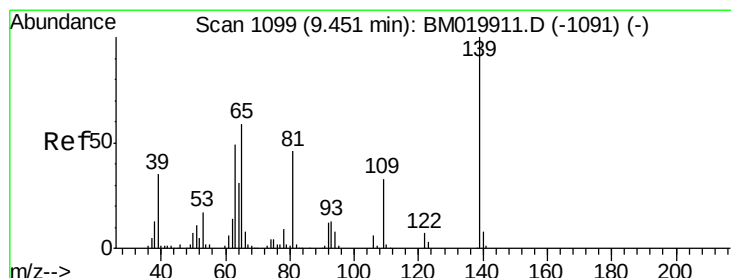
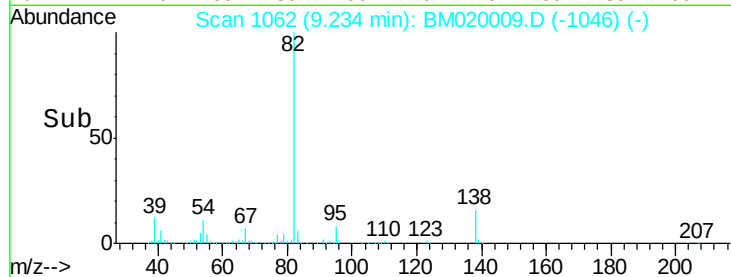
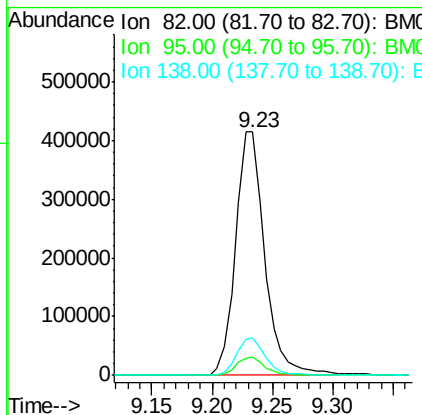
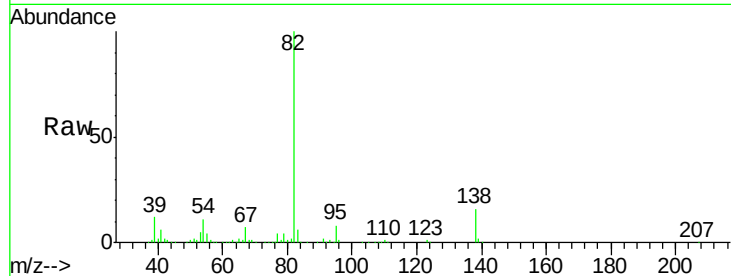
ClientSampleId :

HR-05-041719-AMS

Tgt Ion:	82	Resp:	702077
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.5	8.3
138	15.6	12.2	18.2

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#26

2-Nitrophenol

Concen: 39.292 ng

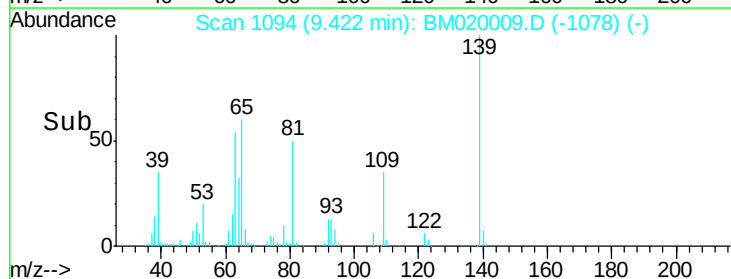
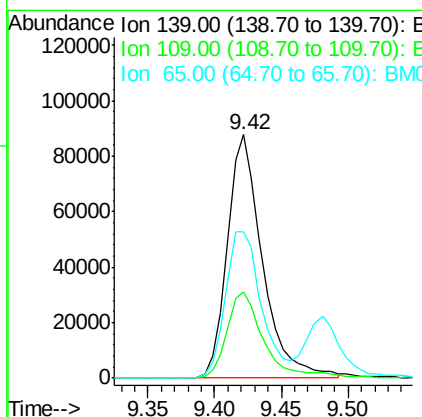
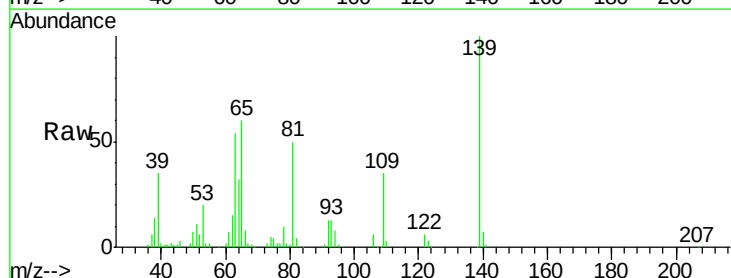
RT: 9.42 min Scan# 1094

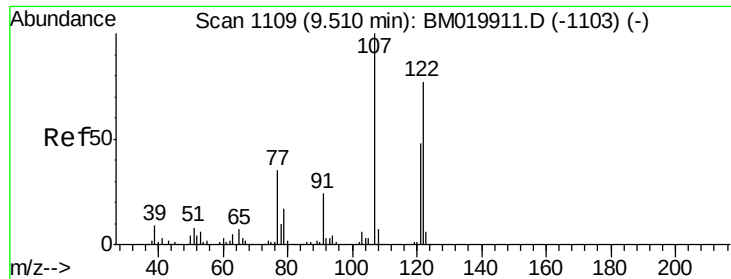
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion:	139	Resp:	161437
Ion Ratio	Lower	Upper	
139	100		
109	35.4	26.3	39.5
65	60.2	47.4	71.2





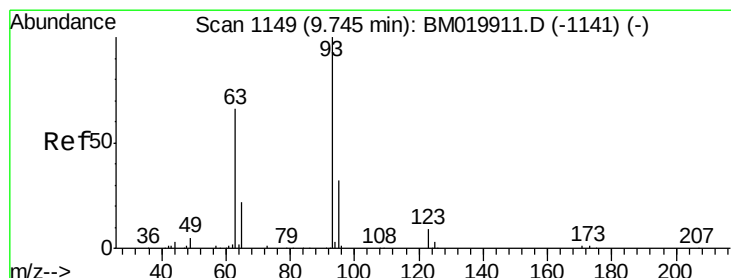
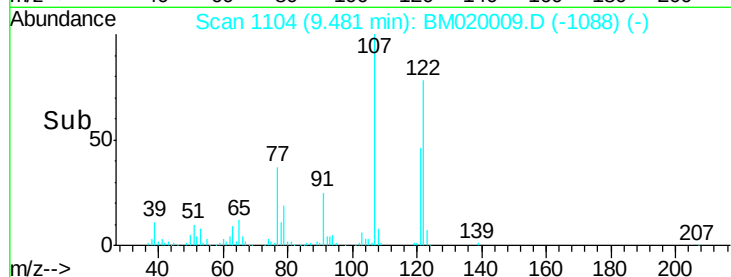
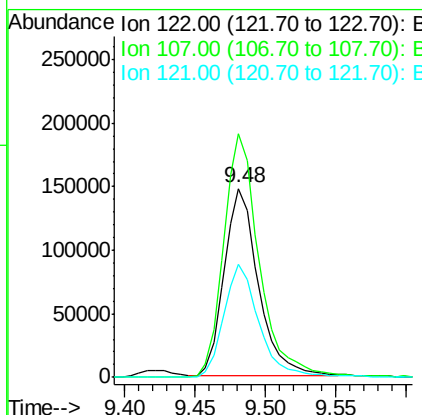
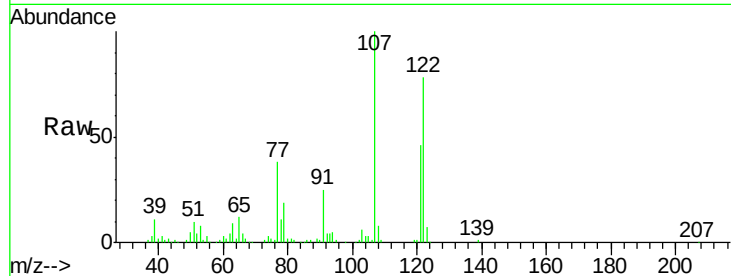
#27
 2,4-Dimethylphenol
 Concen: 43.042 ng
 RT: 9.48 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.8	103.1	154.7
121	59.6	49.8	74.8

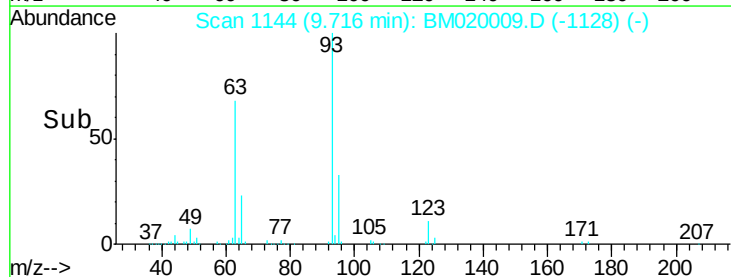
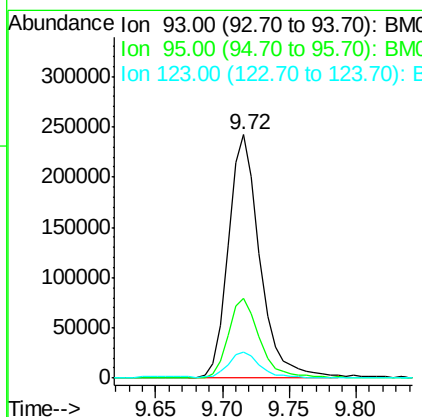
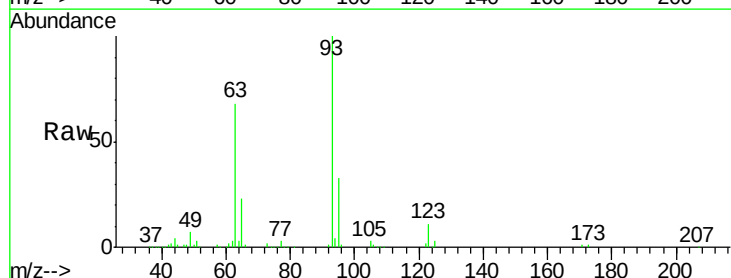
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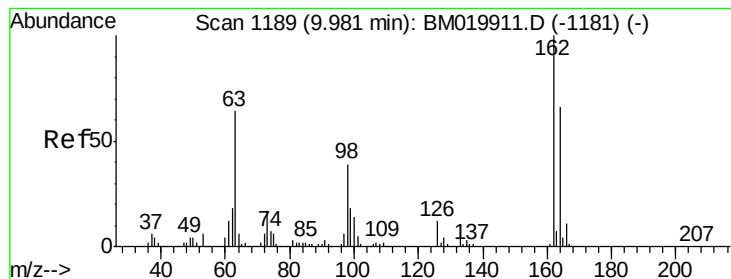
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.595 ng
 RT: 9.72 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	10.8	8.2	12.2





#29

2,4-Dichlorophenol

Concen: 39.022 ng

RT: 9.96 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

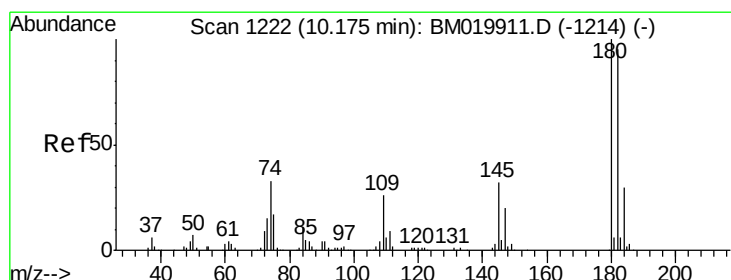
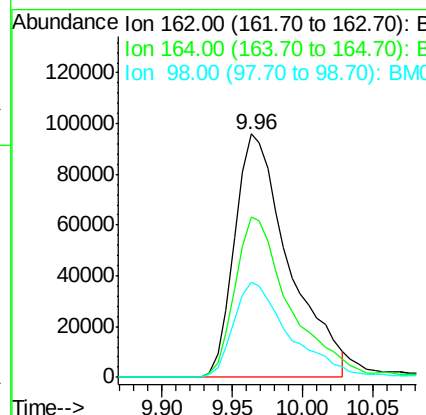
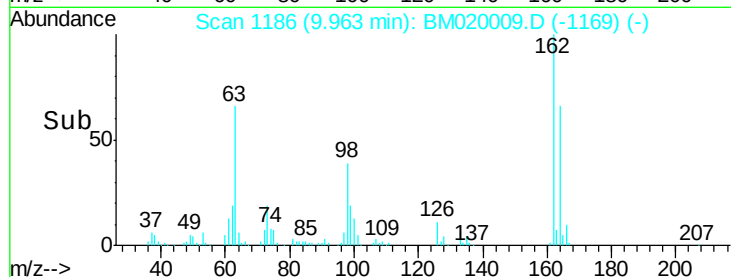
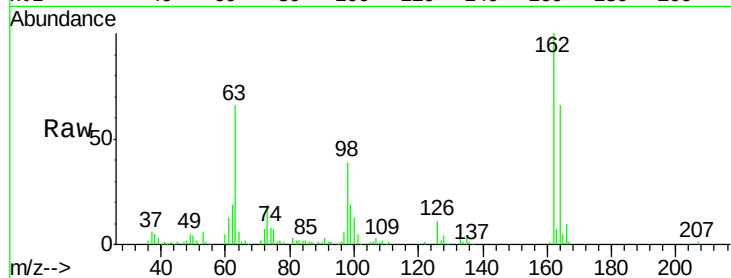
ClientSampleId :

HR-05-041719-AMS

Tgt Ion:	162	Resp:	257459
Ion Ratio	Lower	Upper	
162	100		
164	65.8	46.3	86.3
98	39.3	19.2	59.2

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#30

1,2,4-Trichlorobenzene

Concen: 42.726 ng

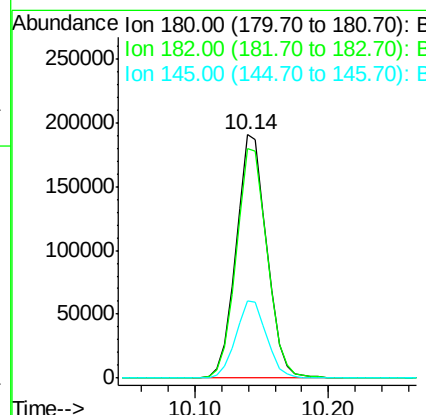
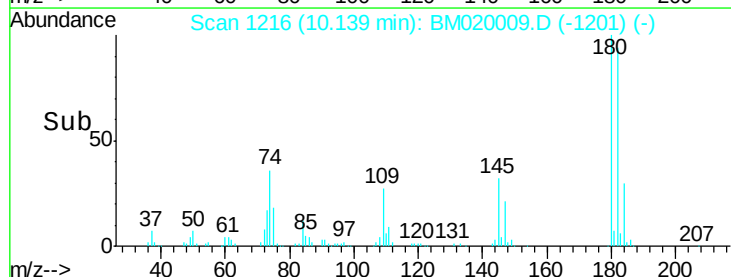
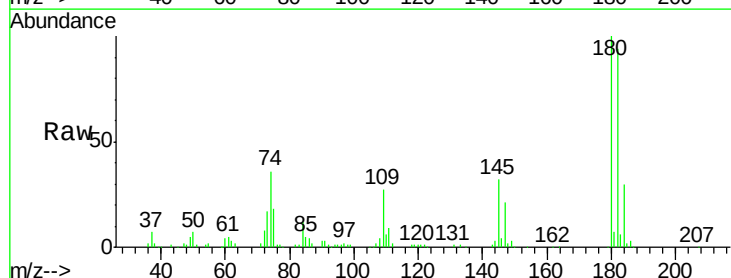
RT: 10.14 min Scan# 1216

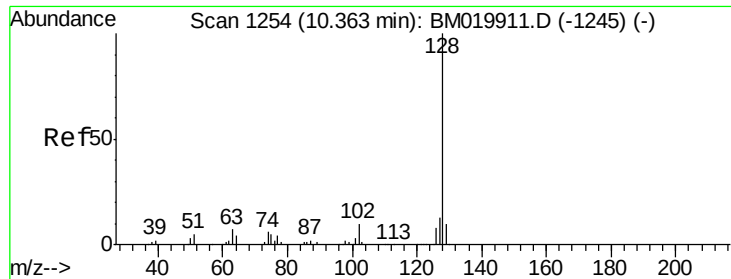
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion:	180	Resp:	303403
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.3	114.5
145	31.7	25.5	38.3





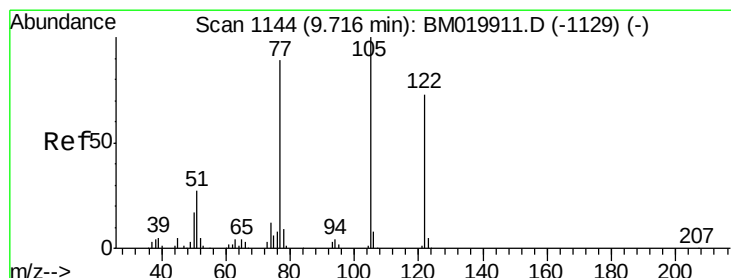
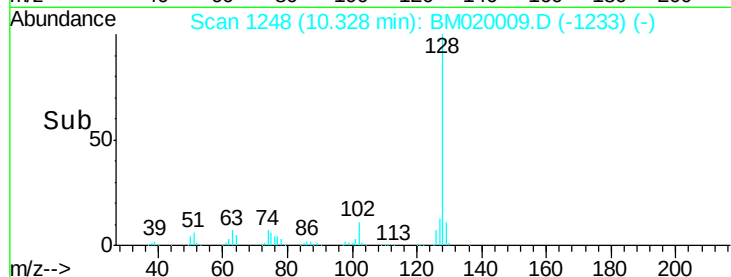
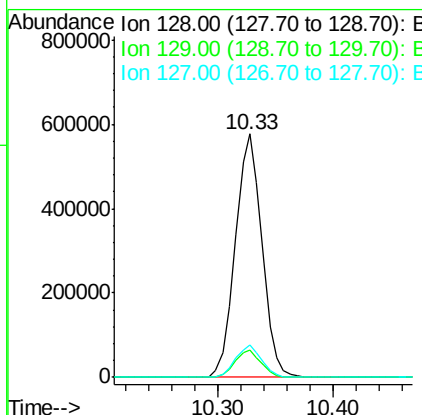
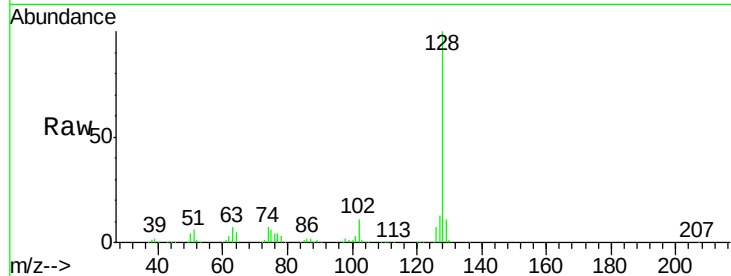
#31
Naphthalene
Concen: 41.198 ng
RT: 10.33 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	919751		
129	11.1	8.3	12.5	
127	13.1	10.4	15.6	

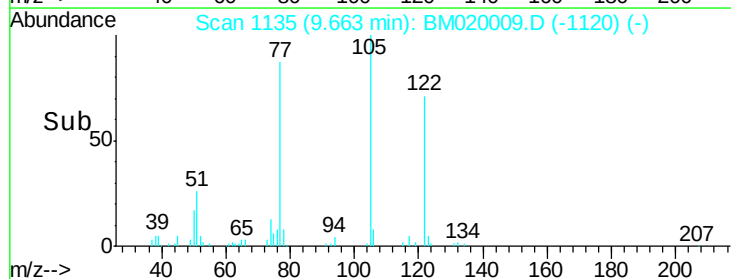
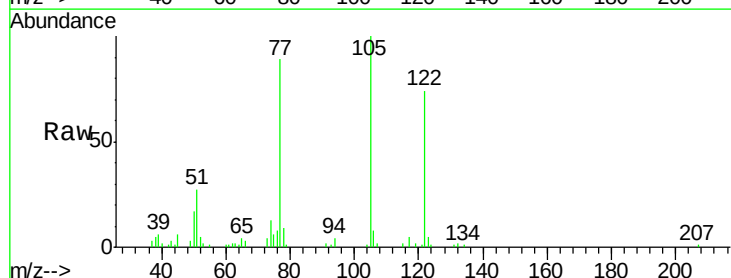
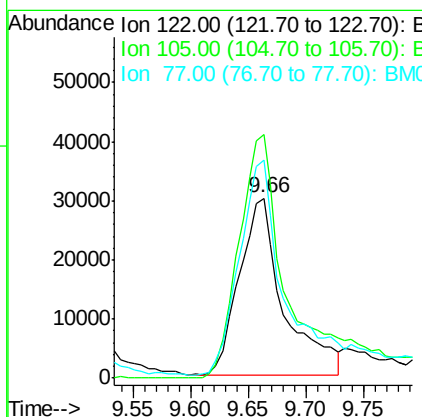
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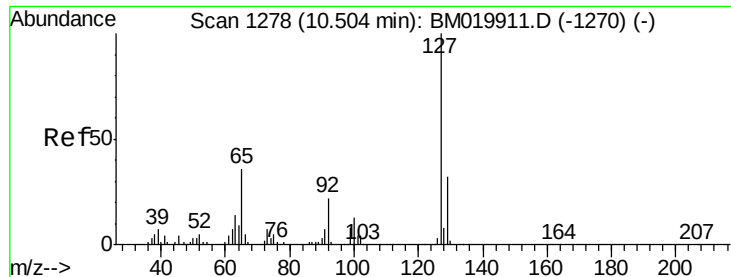
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#32
Benzoic acid
Concen: 18.146 ng
RT: 9.66 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	79990		
105	135.5	114.8	154.8	
77	121.1	100.2	140.2	





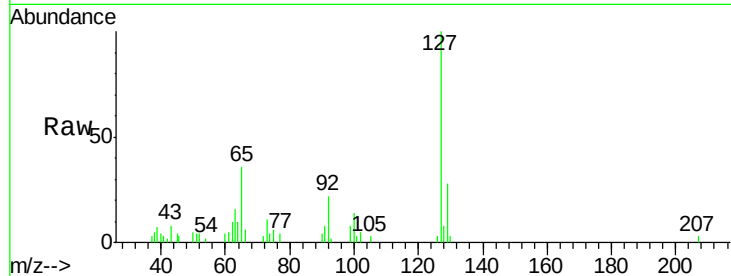
#33
4-Chloroaniline
Concen: 3.730 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.02 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

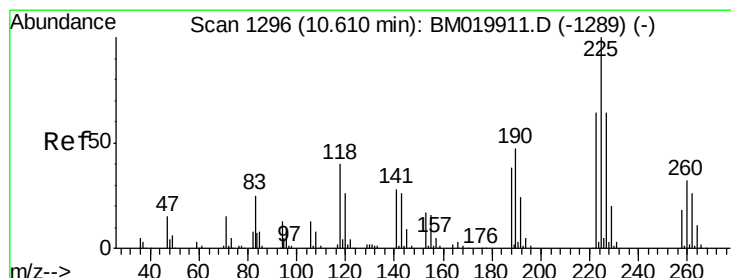
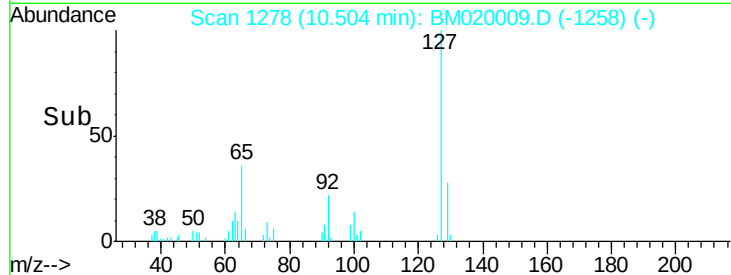
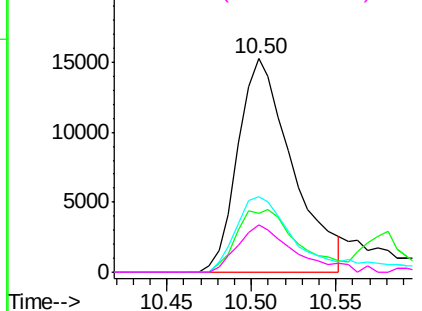
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	34302		
129	27.7	25.4	38.0	
65	35.5	29.2	43.8	
92	22.3	17.5	26.3	

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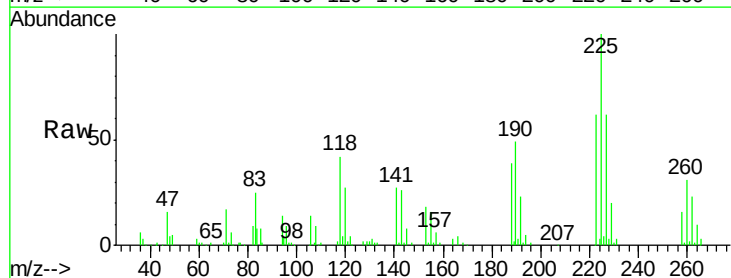


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

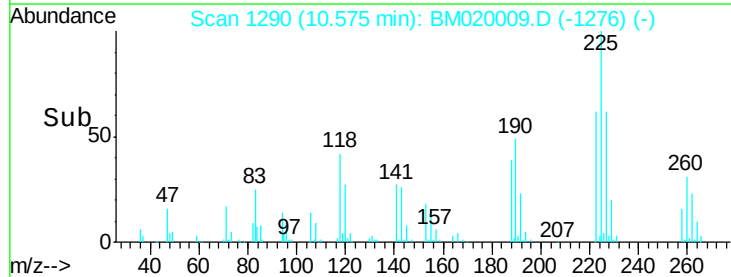
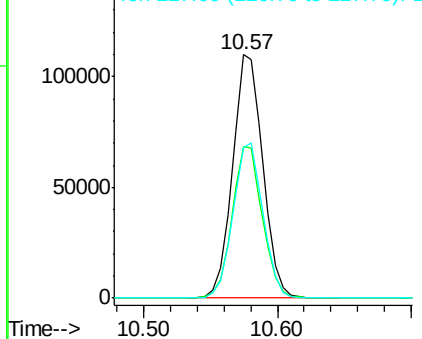


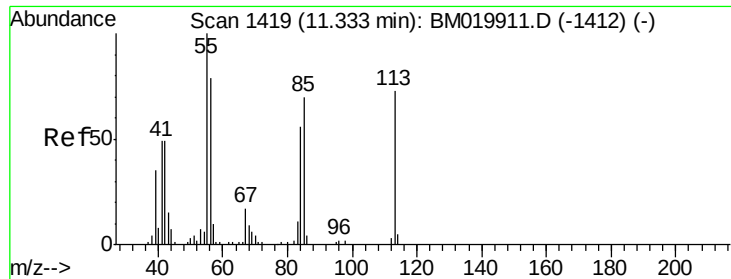
#34
Hexachlorobutadiene
Concen: 41.175 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	172448		
223	62.5	51.4	77.2	
227	61.6	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





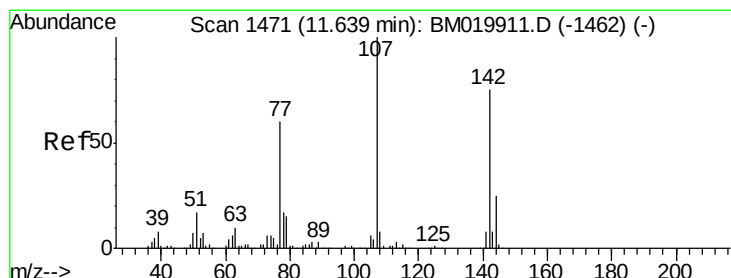
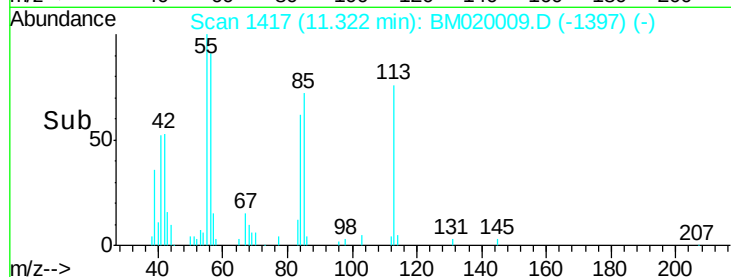
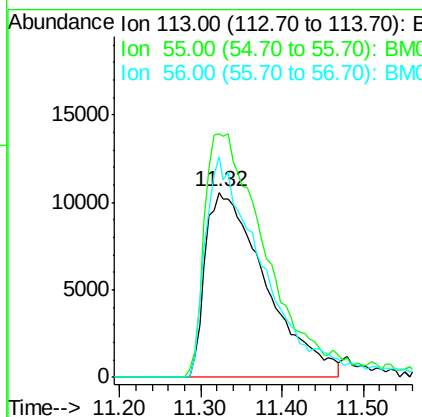
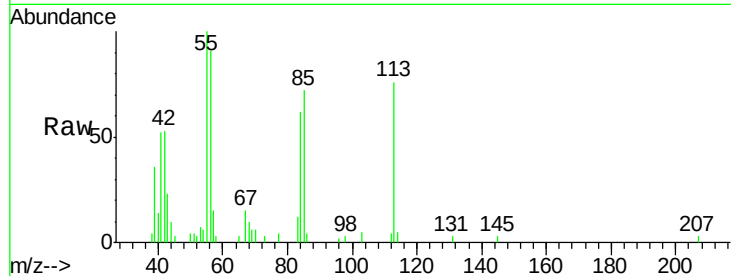
#35
 Caprolactam
 Concen: 21.894 ng m
 RT: 11.32 min Scan# 1417
 Delta R.T. 0.02 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion:113 Resp: 54679
 Ion Ratio Lower Upper
 113 100
 55 131.7 117.1 157.1
 56 119.4 88.2 128.2

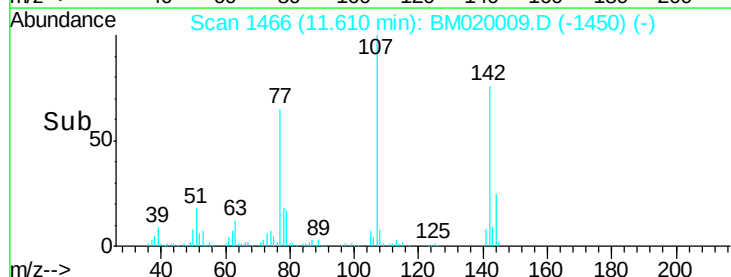
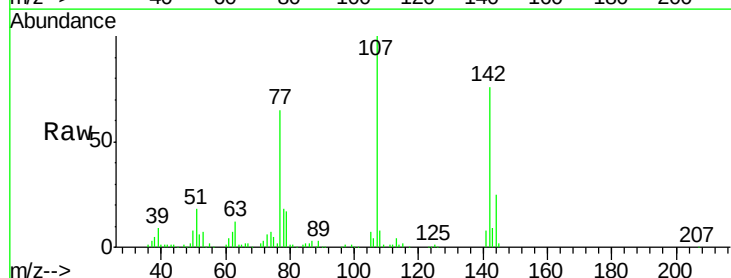
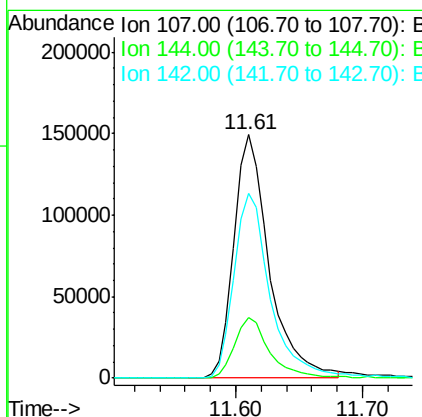
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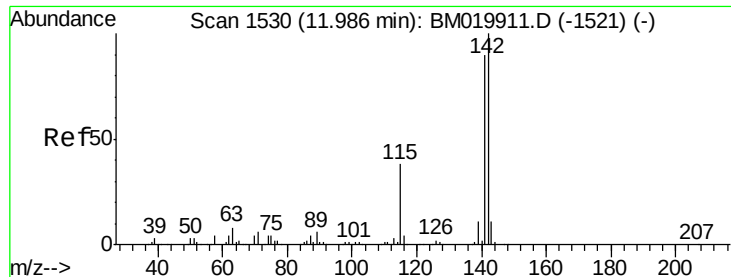
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#36
 4-Chloro-3-methylphenol
 Concen: 35.319 ng
 RT: 11.61 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion:107 Resp: 289546
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.8
 142 76.0 60.3 90.5





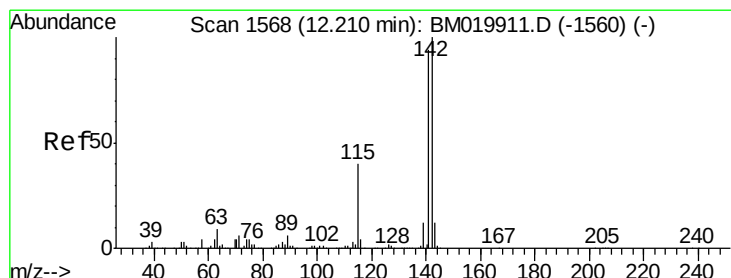
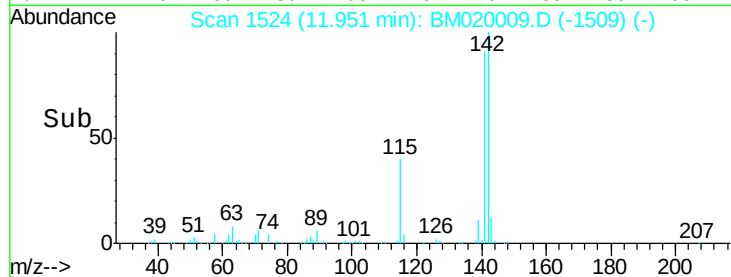
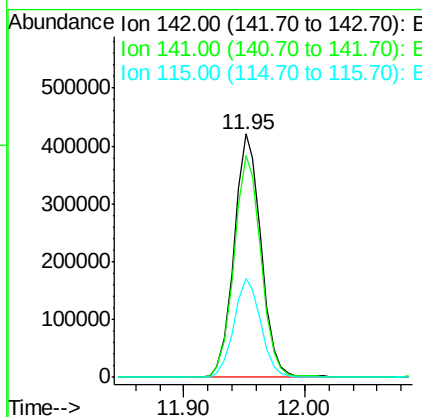
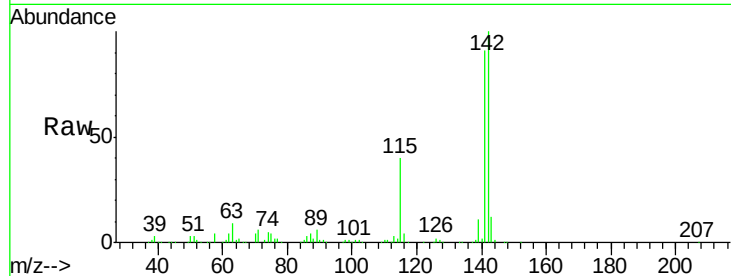
#37
 2-Methylnaphthalene
 Concen: 40.345 ng
 RT: 11.95 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.3	108.5
115	40.4	30.5	45.7

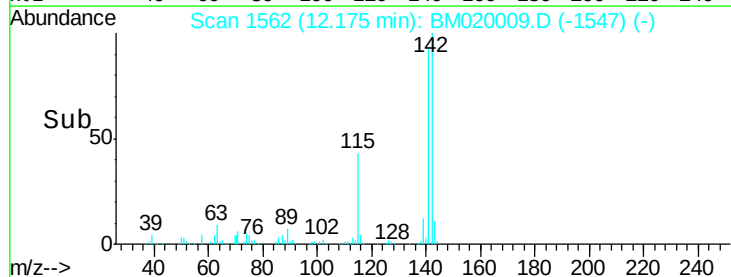
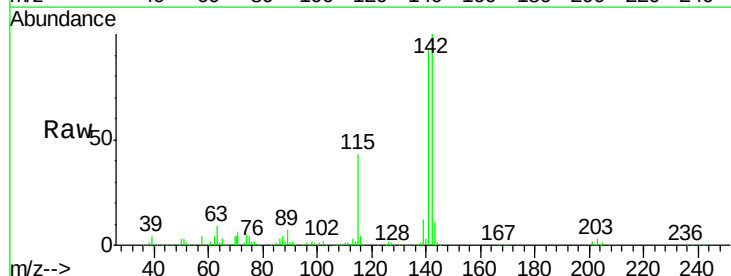
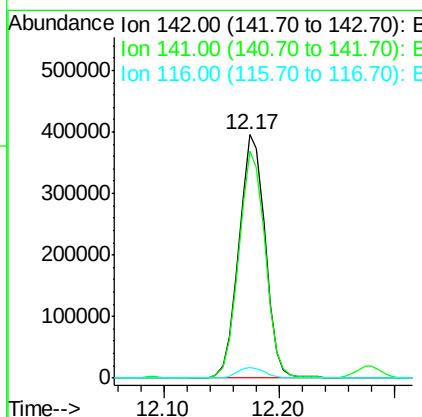
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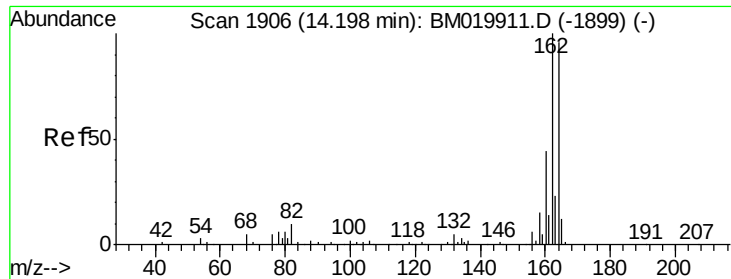
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#38
 1-Methylnaphthalene
 Concen: 38.737 ng
 RT: 12.17 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	75.7	113.5
116	4.3	3.4	5.2





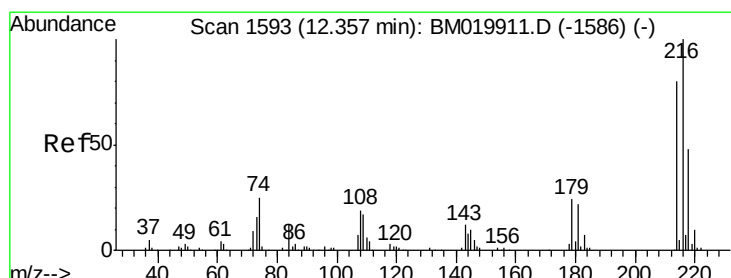
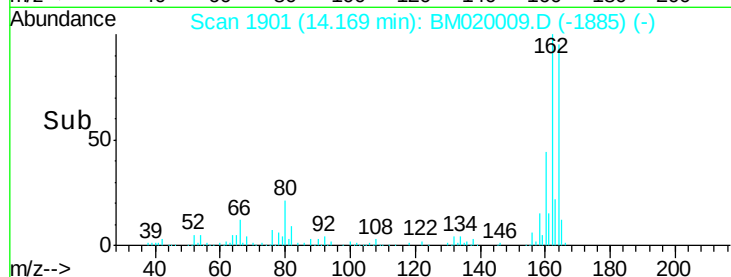
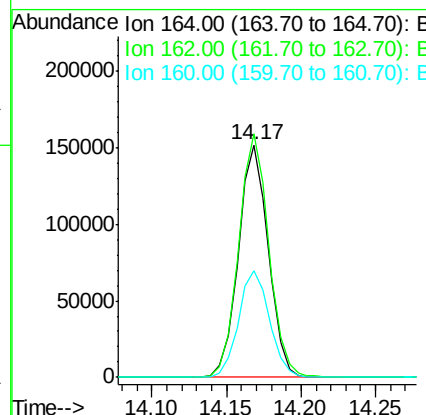
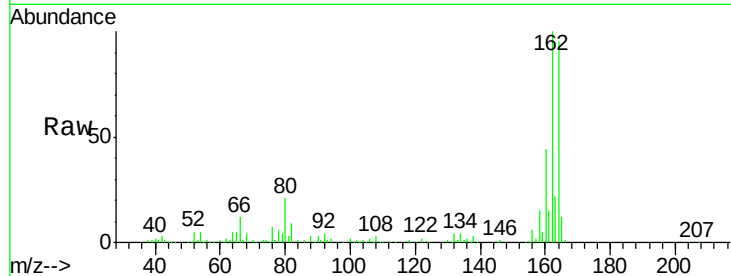
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	211010		
162	104.8	83.0	124.4	
160	46.2	36.6	55.0	

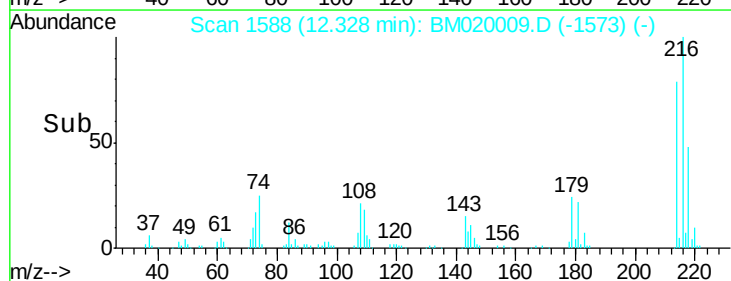
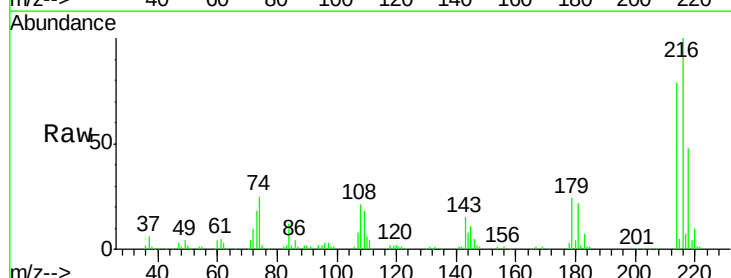
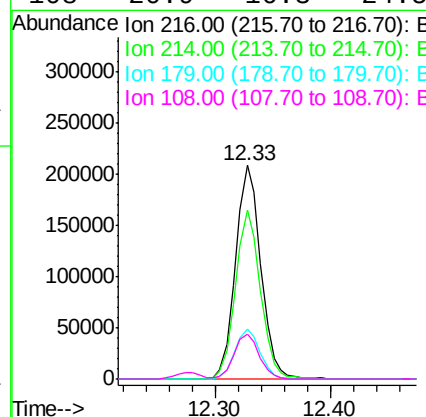
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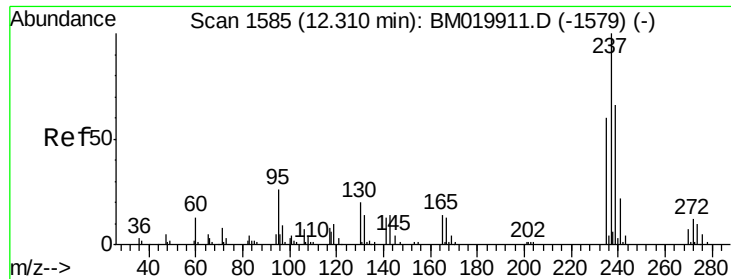
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.681 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	316893		
214	78.1	63.1	94.7	
179	23.4	19.0	28.6	
108	20.9	16.3	24.5	





#41

Hexachlorocyclopentadiene

Concen: 85.951 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

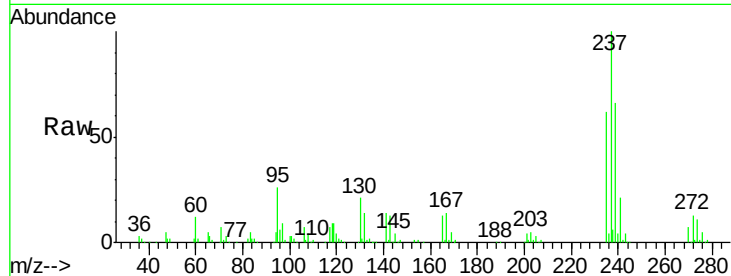
ClientSampleId :

HR-05-041719-AMS

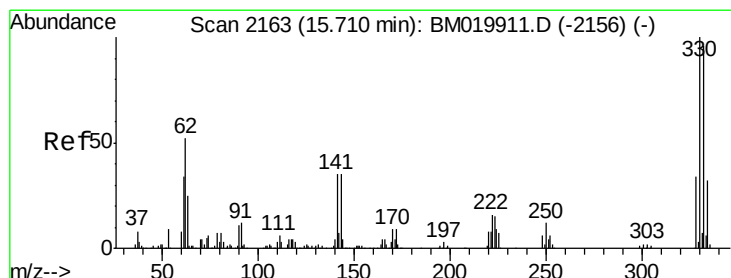
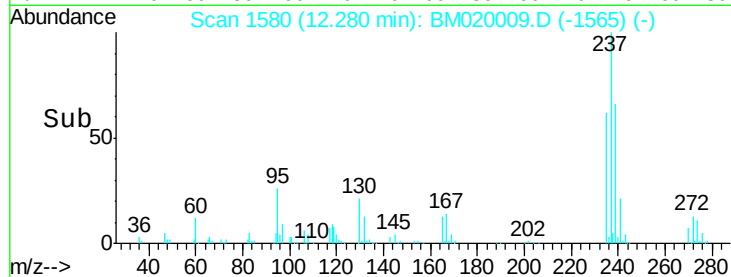
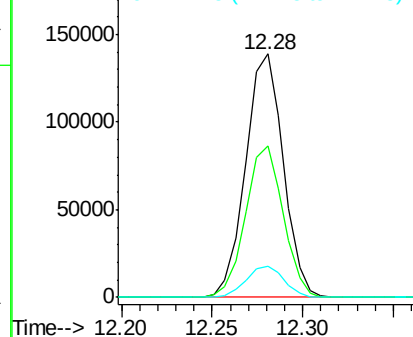
Tgt Ion:	237	Resp:	200428
Ion Ratio		Lower	Upper
237	100		
235	62.3	40.4	80.4
272	12.8	0.0	32.3

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



#42

2,4,6-Tribromophenol

Concen: 117.937 ng

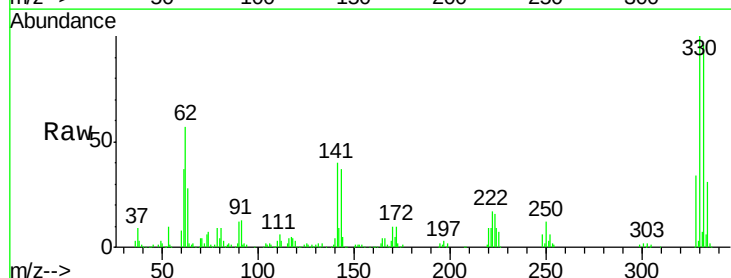
RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

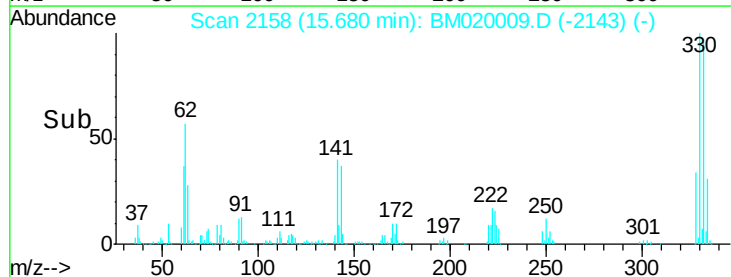
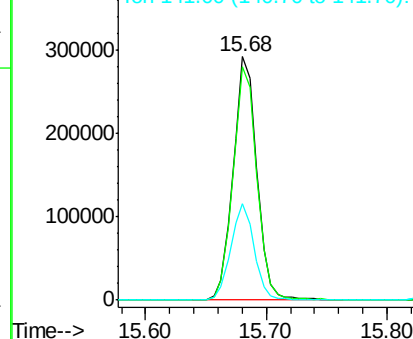
Lab File: BM020009.D

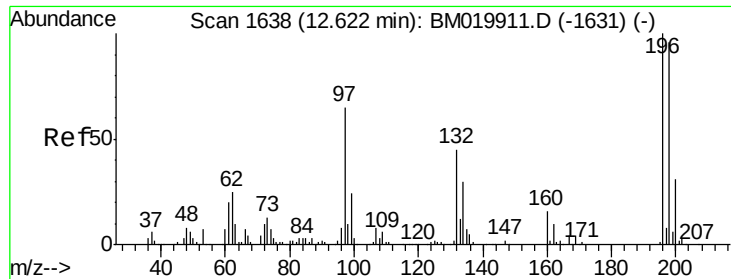
Acq: 22 Apr 2019 17:05

Tgt Ion:	330	Resp:	400595
Ion Ratio		Lower	Upper
330	100		
332	96.8	77.4	116.2
141	39.2	29.0	43.4



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





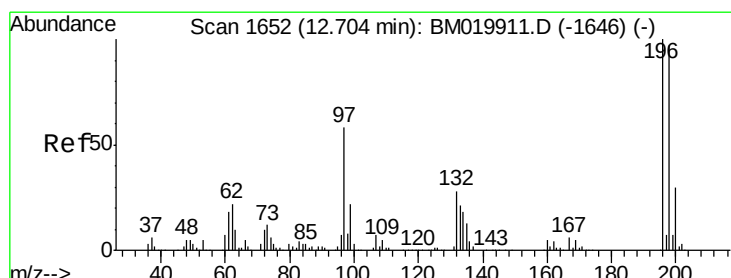
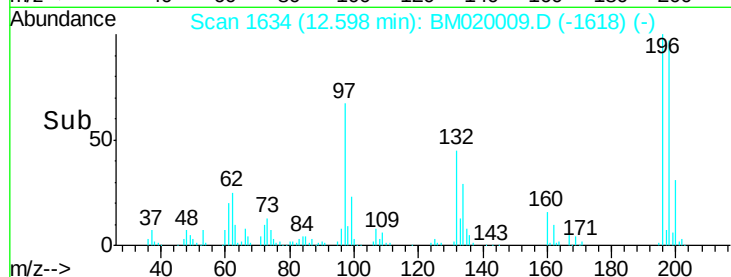
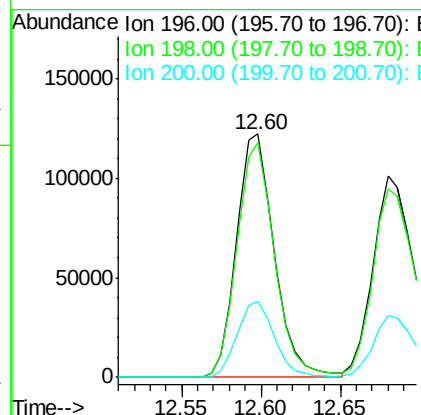
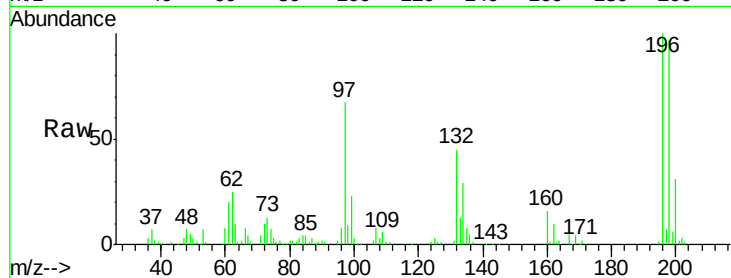
#43
 2,4,6-Trichlorophenol
 Concen: 45.846 ng
 RT: 12.60 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	202330		
198	96.5	76.8	115.2	
200	31.1	24.6	37.0	

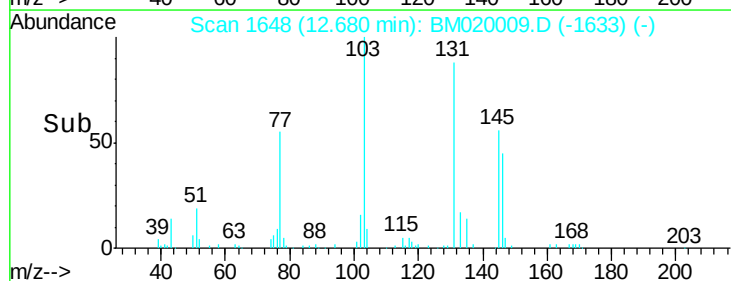
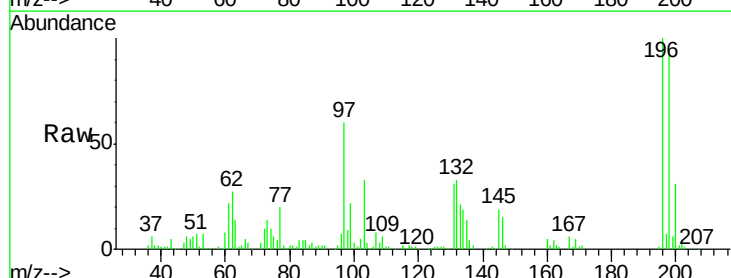
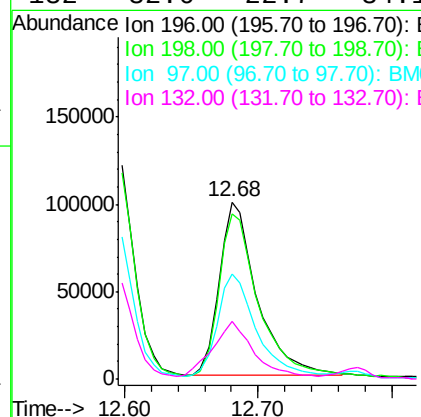
Manual Integrations
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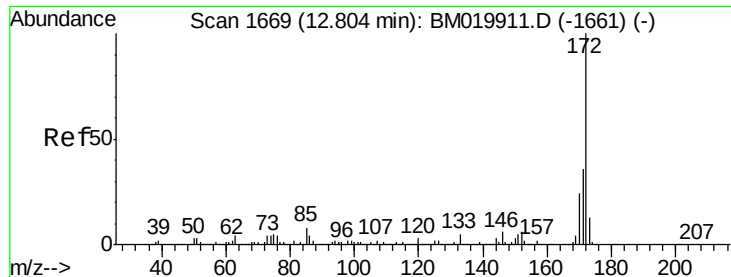
Sohil
 4/23/2019 4:13:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.005 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	197534		
198	93.5	77.8	116.8	
97	59.6	46.2	69.2	
132	32.6	22.7	34.1	





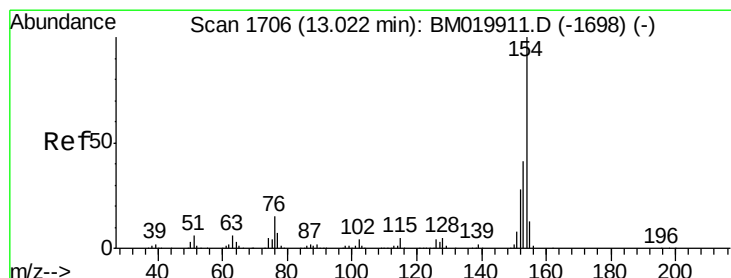
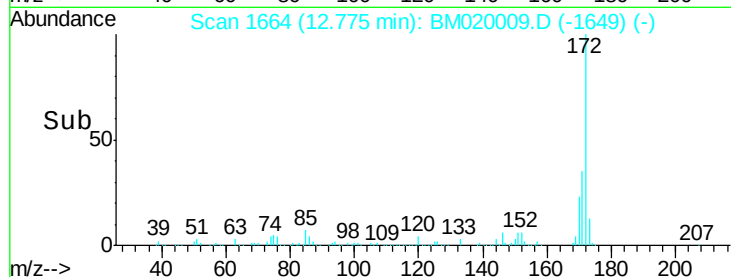
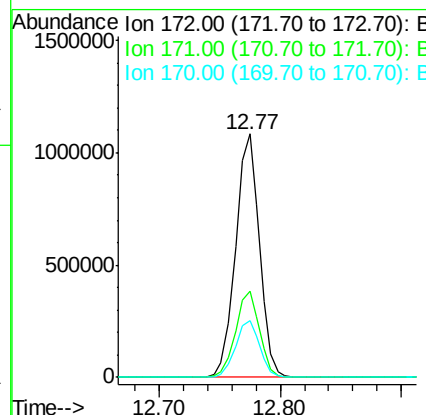
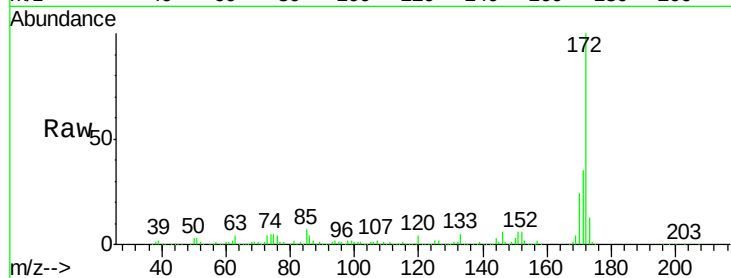
#45
 2-Fluorobiphenyl
 Concen: 87.921 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.5	19.0	28.4

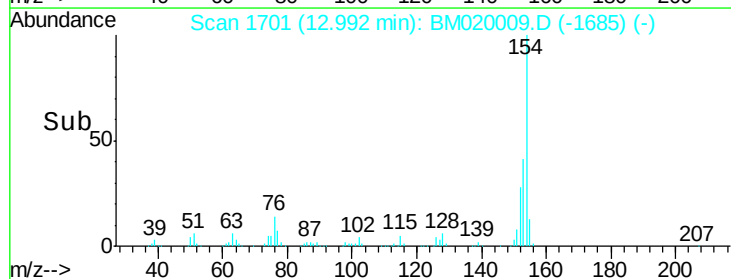
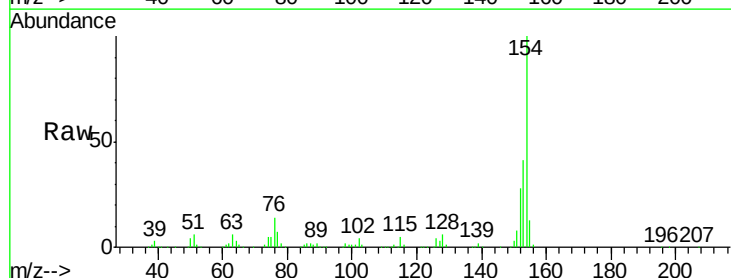
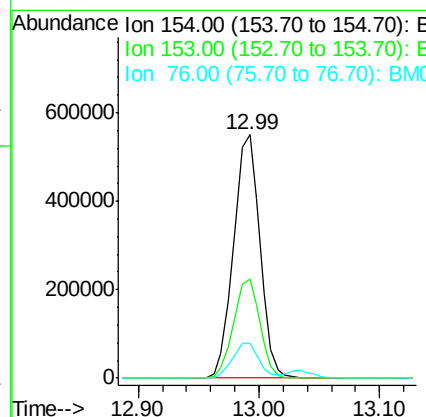
Manual Integrations
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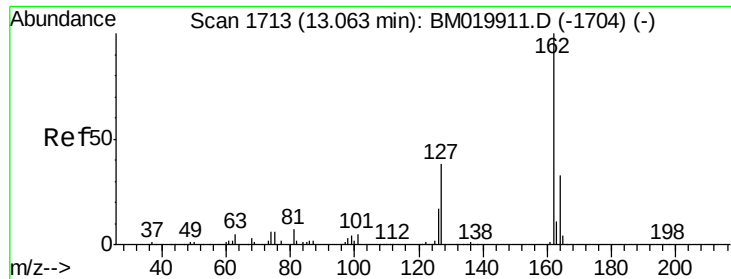
Sohil
 4/23/2019 4:13:31 PM



#46
 1,1'-Biphenyl
 Concen: 45.896 ng
 RT: 12.99 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	14.1	0.0	34.8





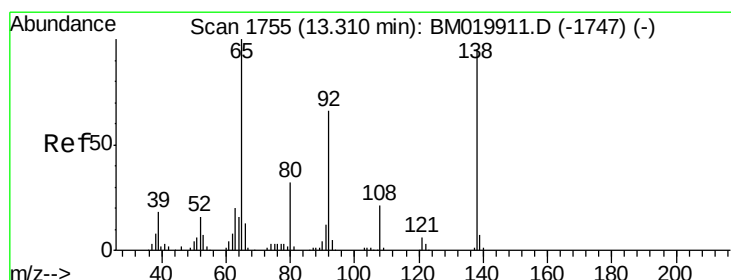
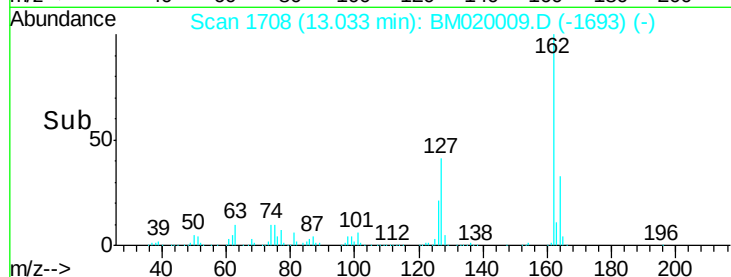
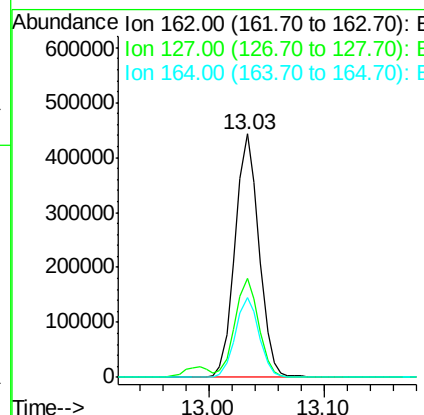
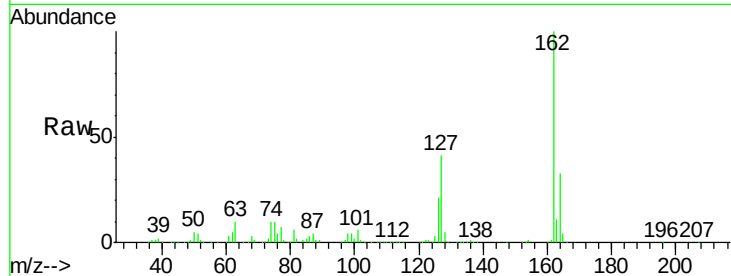
#47
2-Chloronaphthalene
Concen: 45.835 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.3	48.5
164	32.6	26.3	39.5

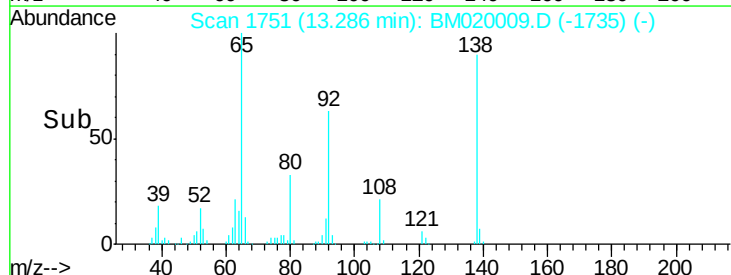
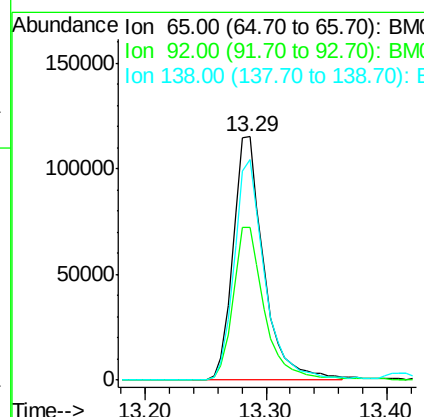
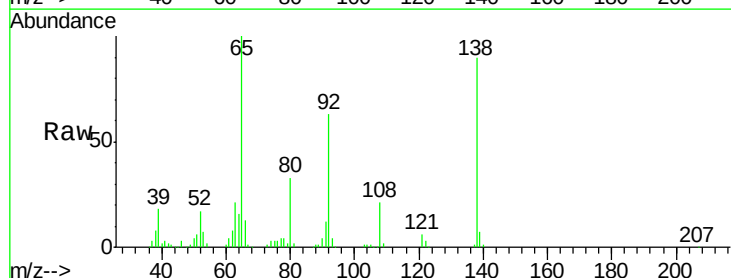
Manual Integrations
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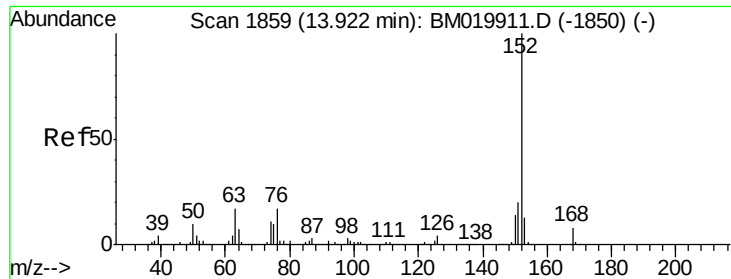
Sohil
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#48
2-Nitroaniline
Concen: 40.699 ng
RT: 13.29 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	52.9	79.3
138	90.4	75.8	113.6





#49

Acenaphthylene

Concen: 41.699 ng

RT: 13.89 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

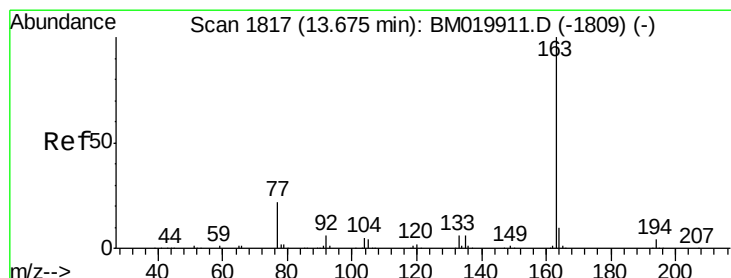
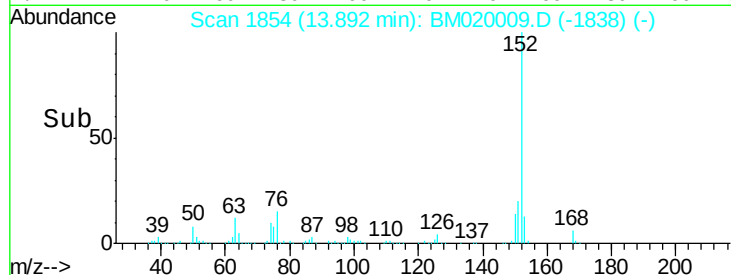
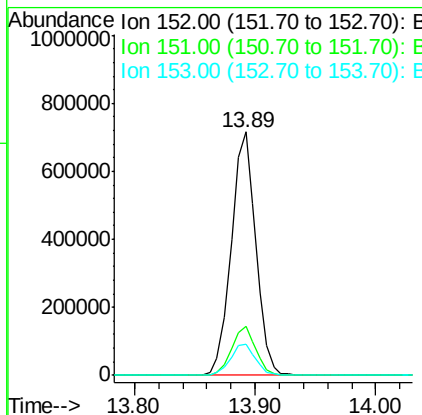
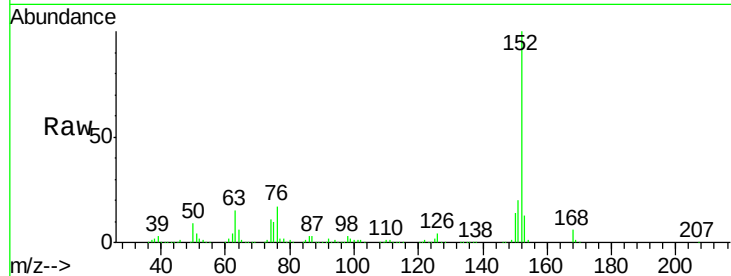
ClientSampleId :

HR-05-041719-AMS

Tgt Ion:	152	Resp:	1011422
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.2
153	13.0	10.6	16.0

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.218 ng

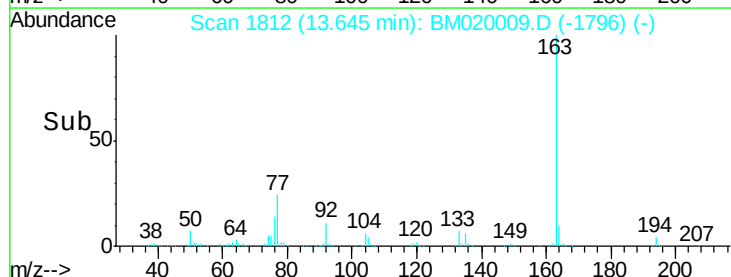
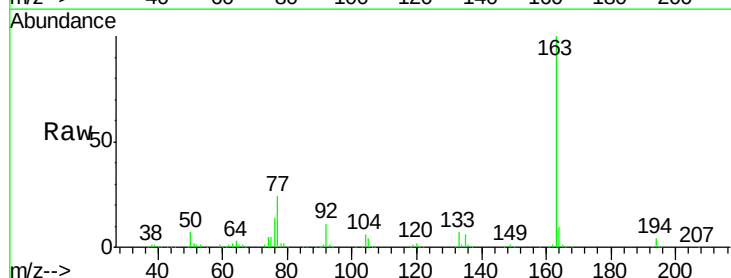
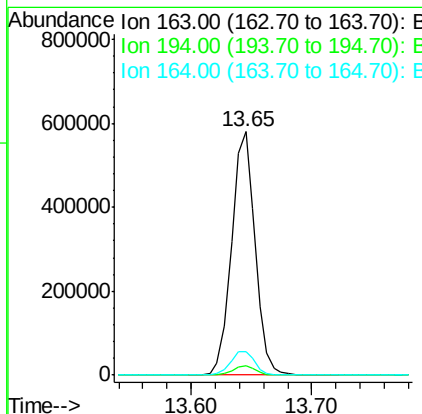
RT: 13.65 min Scan# 1812

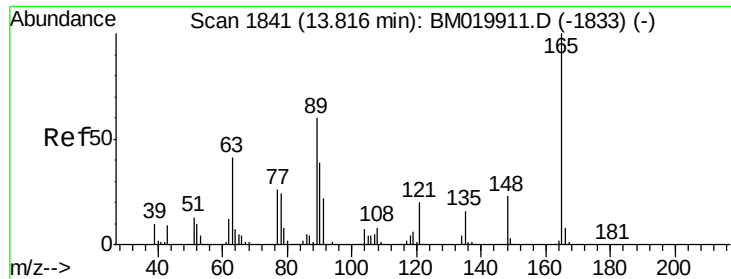
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion:	163	Resp:	785774
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.1	4.7
164	9.6	7.9	11.9





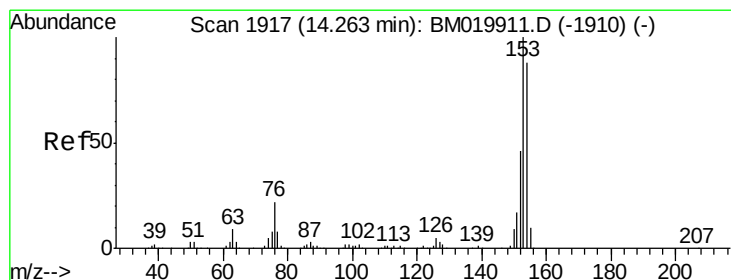
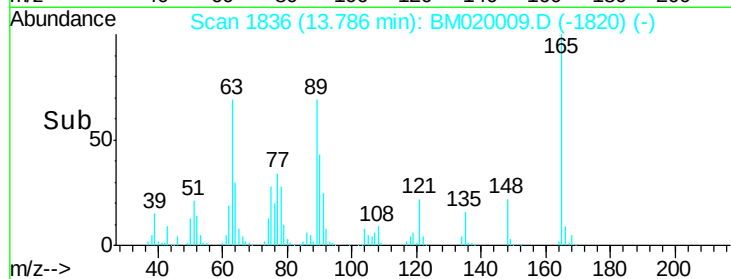
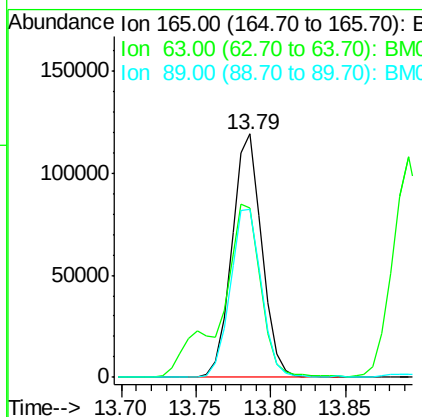
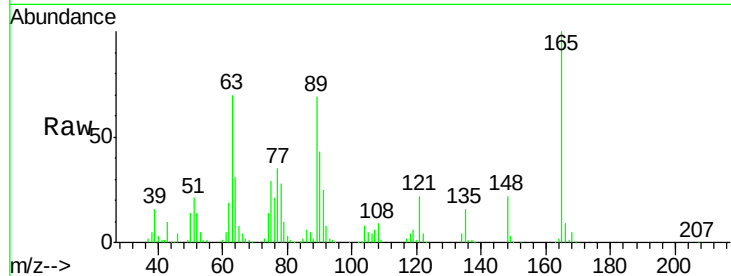
#51
 2,6-Dinitrotoluene
 Concen: 40.325 ng
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion:	165	Resp:	165967
Ion Ratio	Lower	Upper	
165	100		
63	69.7	48.5	72.7
89	69.1	48.2	72.4

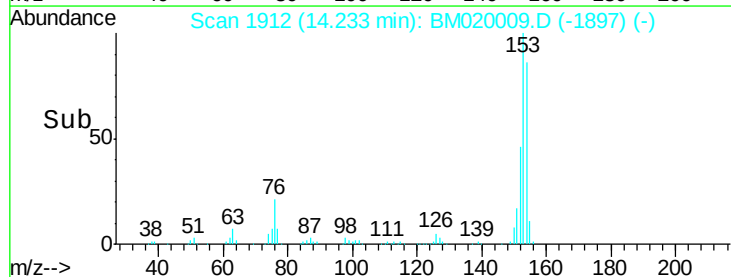
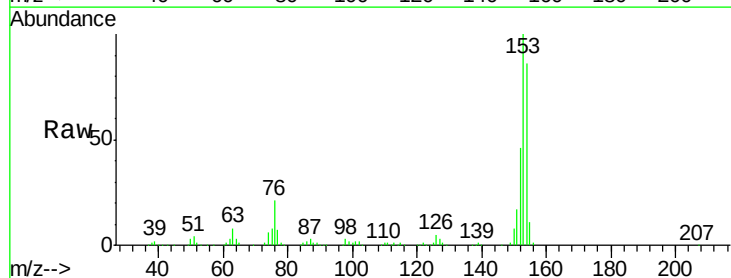
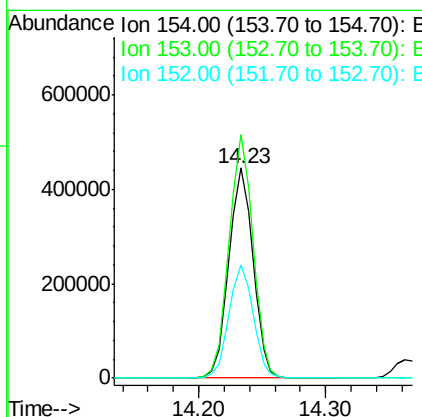
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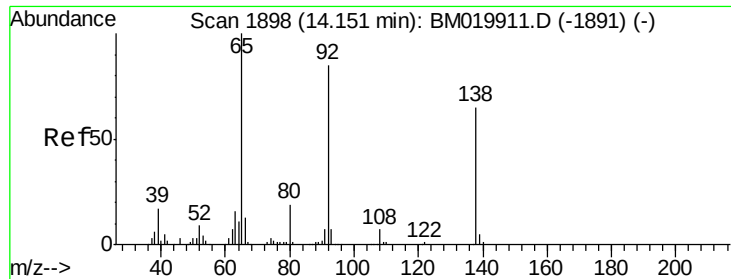
Sohil
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#52
 Acenaphthene
 Concen: 43.610 ng
 RT: 14.23 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion:	154	Resp:	586501
Ion Ratio	Lower	Upper	
154	100		
153	115.8	91.0	136.4
152	53.7	42.2	63.2





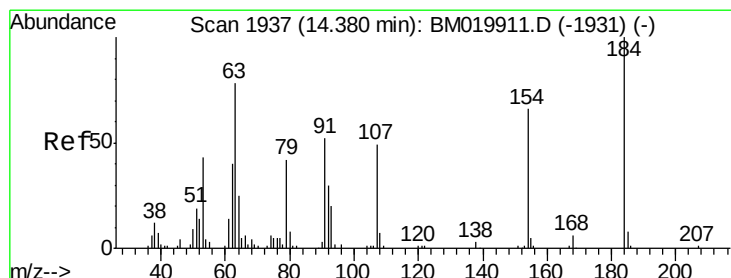
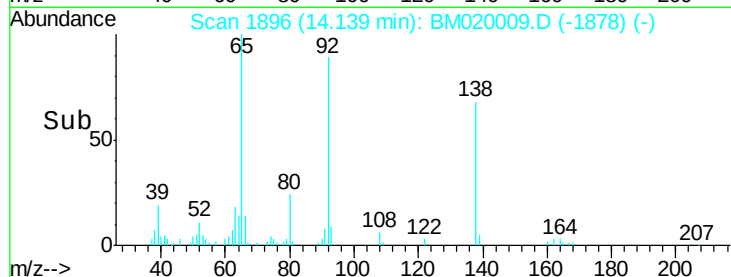
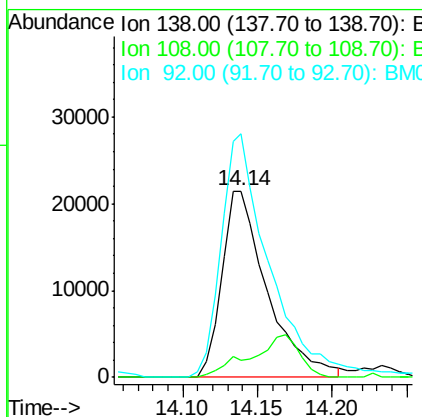
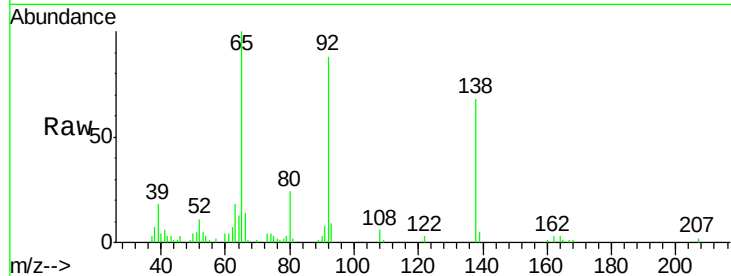
#53
 3-Nitroaniline
 Concen: 11.091 ng
 RT: 14.14 min Scan# 1896
 Delta R.T. 0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion:138 Resp: 45578
 Ion Ratio Lower Upper
 138 100
 108 9.2 8.9 13.3
 92 130.5 103.8 155.8

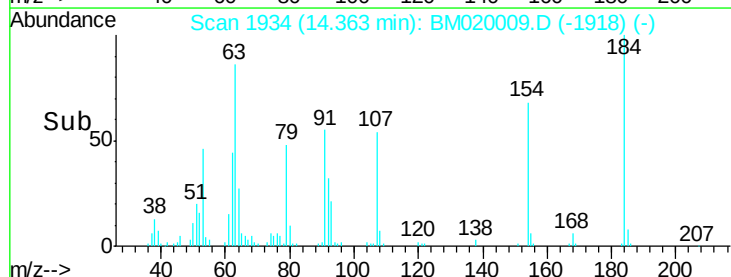
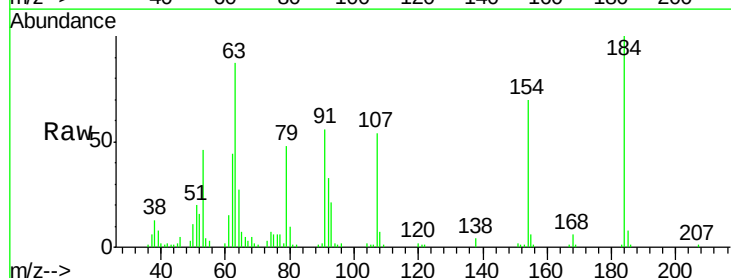
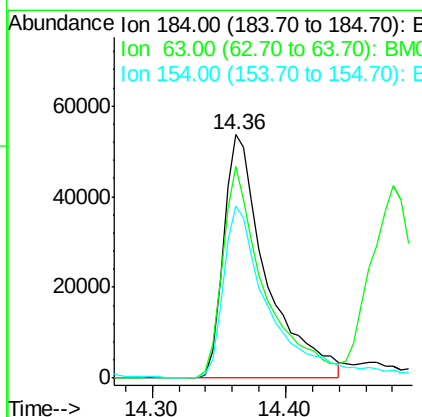
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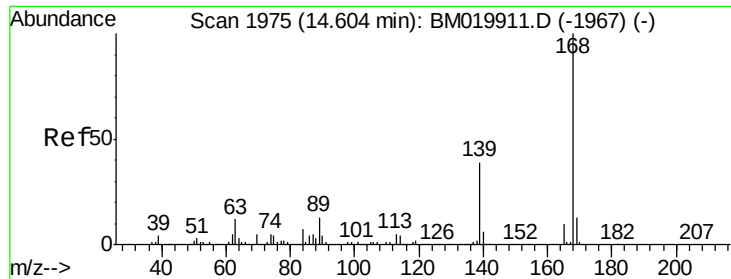
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 51.737 ng
 RT: 14.36 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion:184 Resp: 119993
 Ion Ratio Lower Upper
 184 100
 63 86.8 62.3 93.5
 154 70.4 53.0 79.6





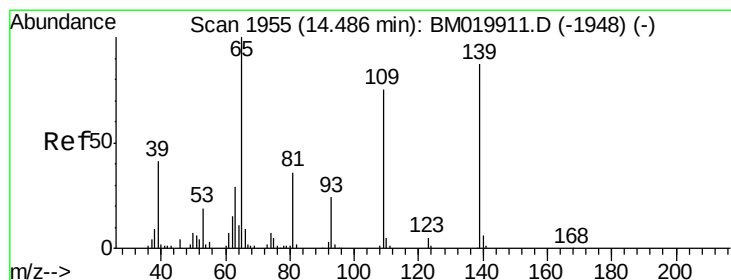
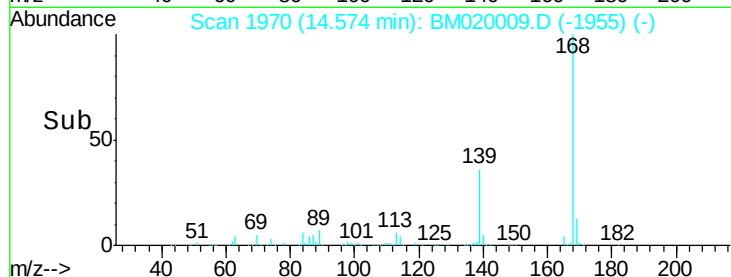
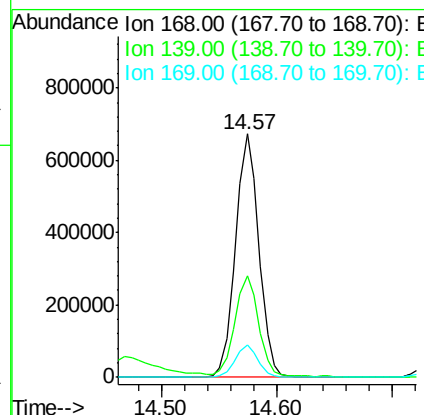
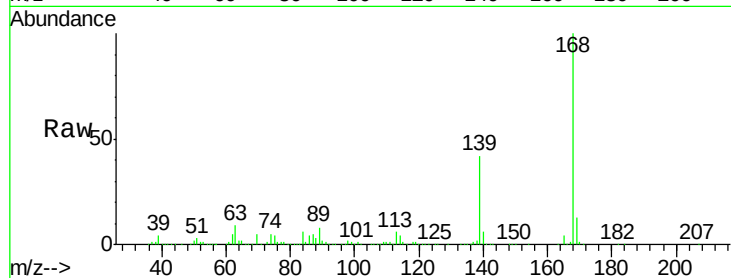
#55
Dibenzenofuran
Concen: 42.674 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	938488		
139	41.9	31.5	47.3	
169	13.3	10.6	16.0	

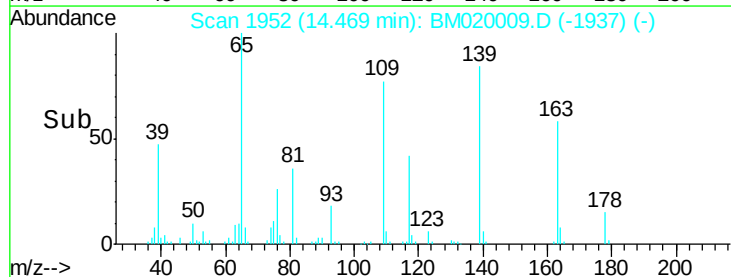
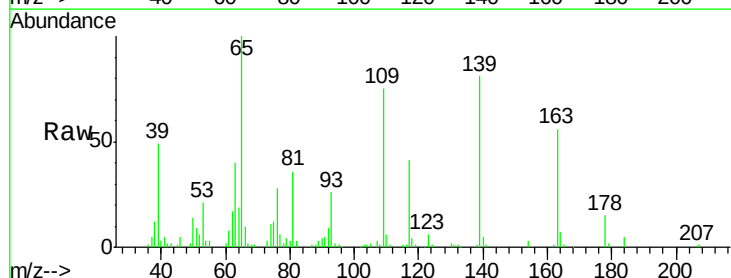
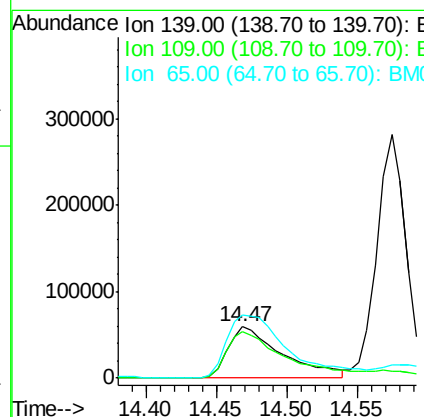
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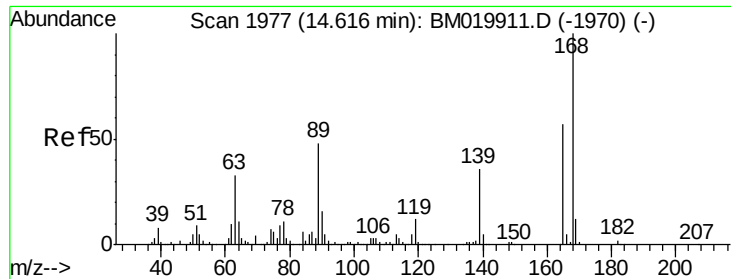
Sohil
4/23/2019 4:13:31 PM



#56
4-Nitrophenol
Concen: 51.611 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

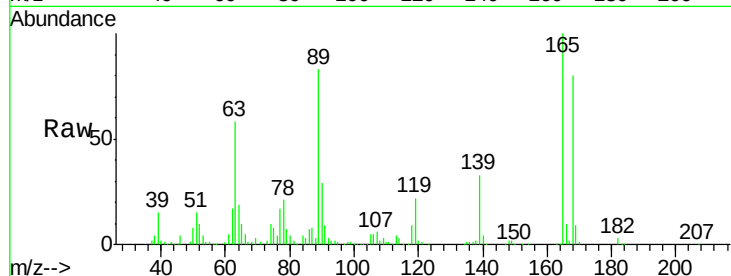
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	160089		
109	91.6	65.3	105.3	
65	122.7	94.9	134.9	





#57
 2,4-Dinitrotoluene
 Concen: 37.819 ng
 RT: 14.59 min Scan# 1973
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

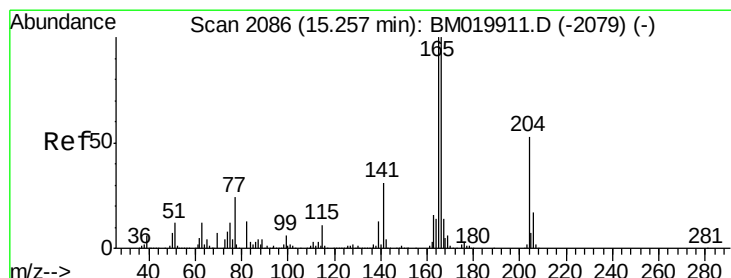
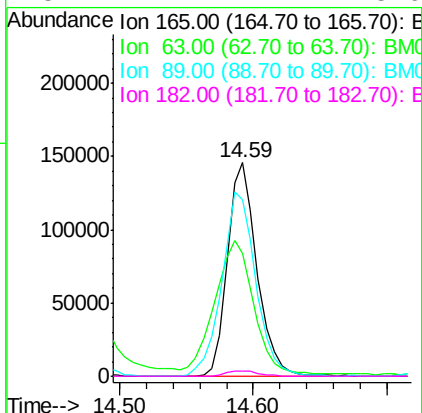
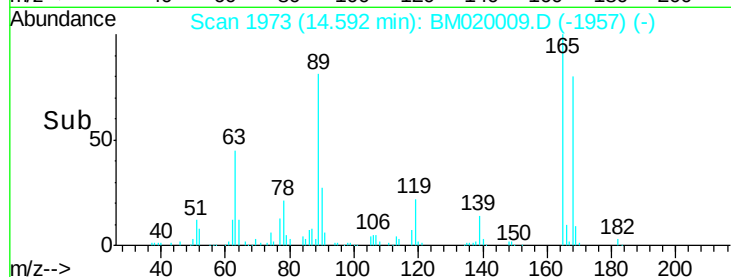
Instrument :
 BNA_M
 ClientSampleId :
 HR-05-041719-AMS



Tgt Ion:	165	Resp:	223744
Ion Ratio	Lower	Upper	
165	100		
63	57.7	46.0	69.0
89	83.0	67.5	101.3
182	2.7	2.4	3.6

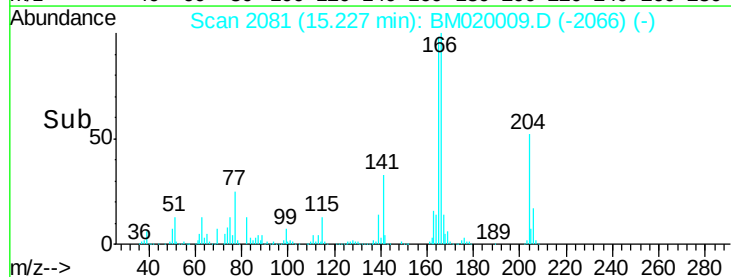
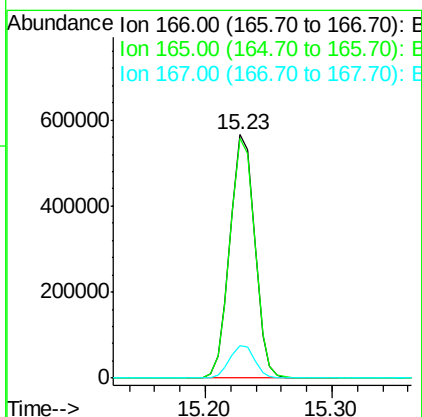
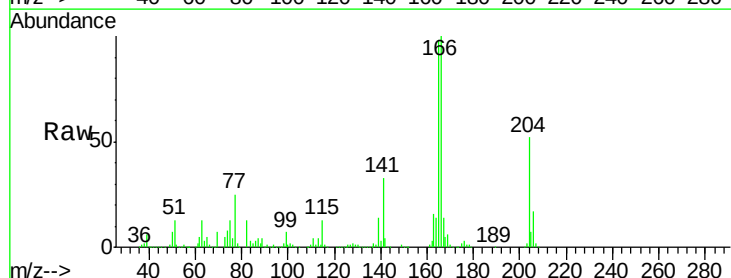
Manual Integrations
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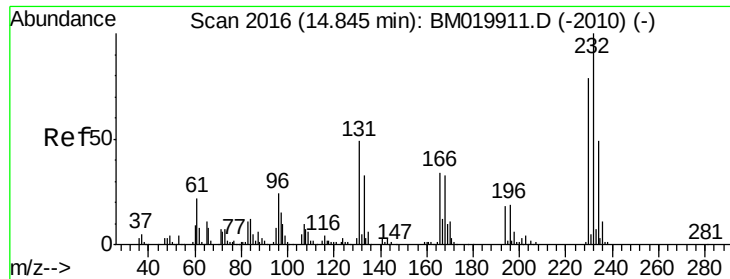
Sohil
 4/23/2019 4:13:31 PM



#58
 Fluorene
 Concen: 41.130 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion:	166	Resp:	766453
Ion Ratio	Lower	Upper	
166	100		
165	98.4	80.1	120.1
167	13.5	11.0	16.4





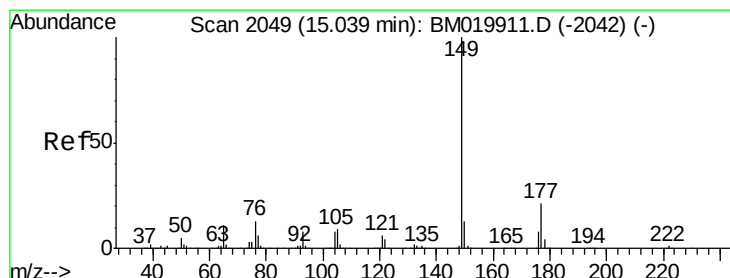
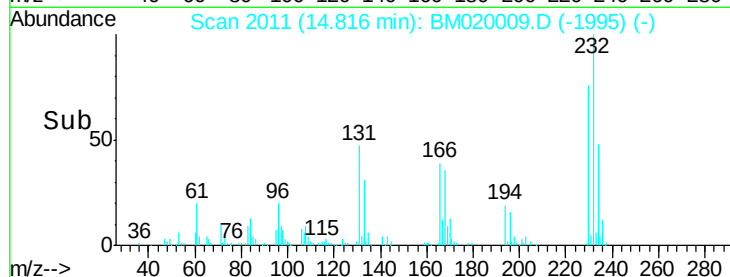
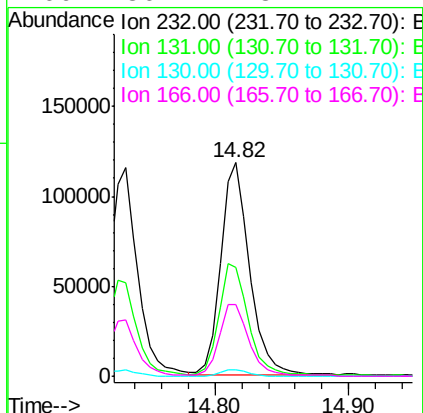
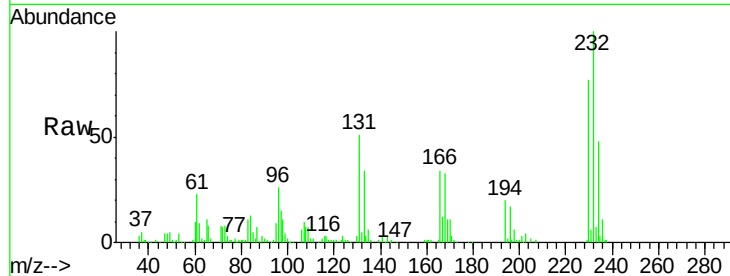
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.429 ng
RT: 14.82 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion:	232	Resp:	177826
Ion Ratio	Lower	Upper	
232	100		
131	53.2	42.1	63.1
130	3.1	2.2	3.4
166	36.2	28.1	42.1

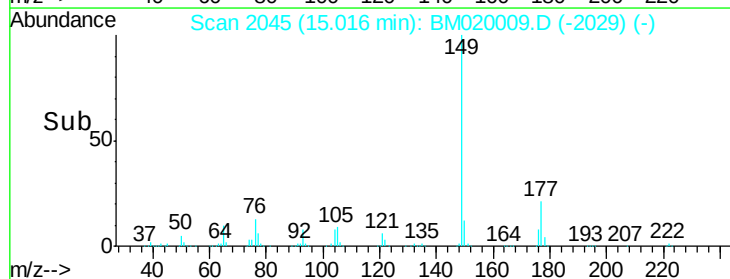
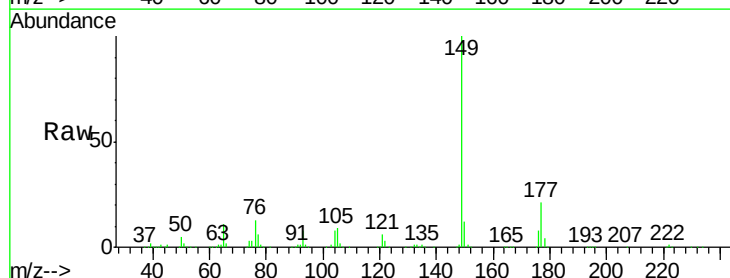
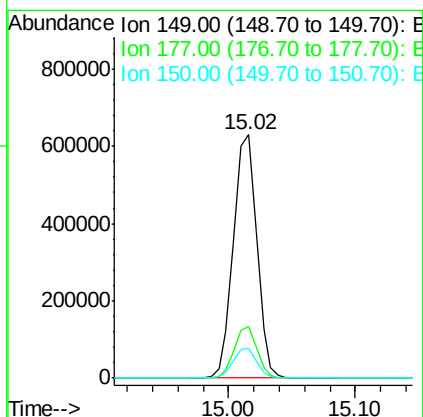
Manual Integrations
APPROVED

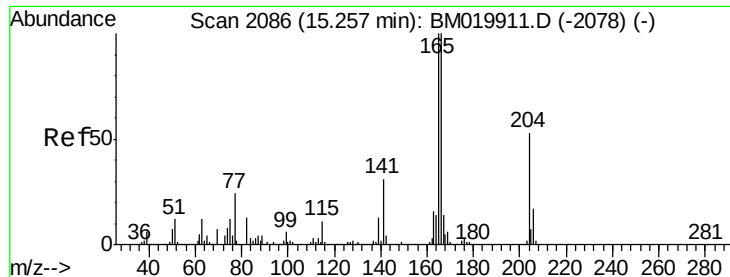
Sohil
4/23/2019 4:13:31 PM



#60
Diethylphthalate
Concen: 41.546 ng
RT: 15.02 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion:	149	Resp:	804227
Ion Ratio	Lower	Upper	
149	100		
177	21.0	16.6	25.0
150	12.4	10.0	15.0





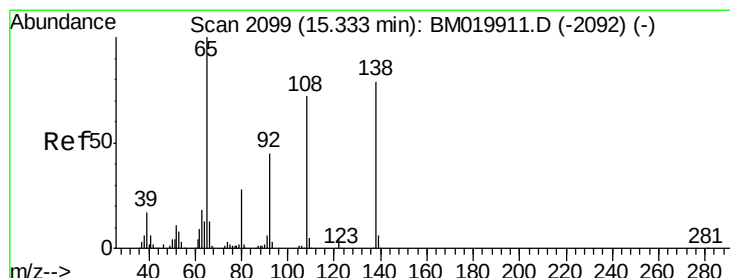
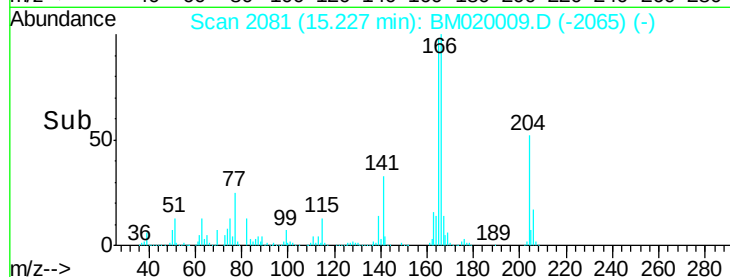
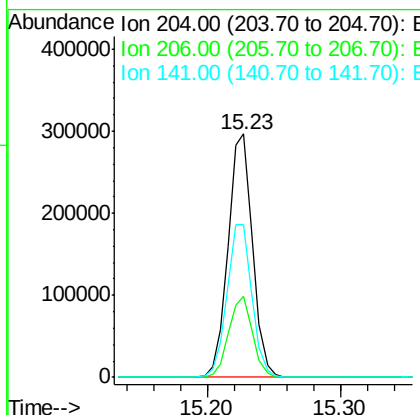
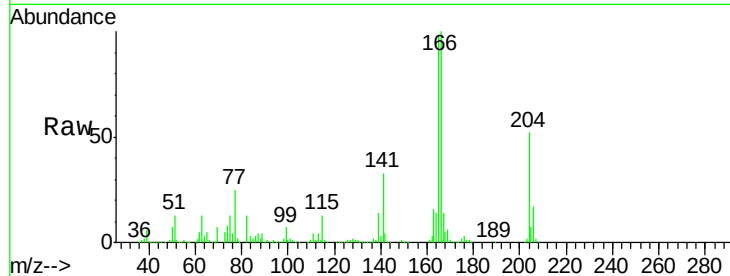
#61
 4-Chlorophenyl-phenylether
 Concen: 42.625 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	382443		
206	33.2	25.8	38.8	
141	62.9	47.0	70.4	

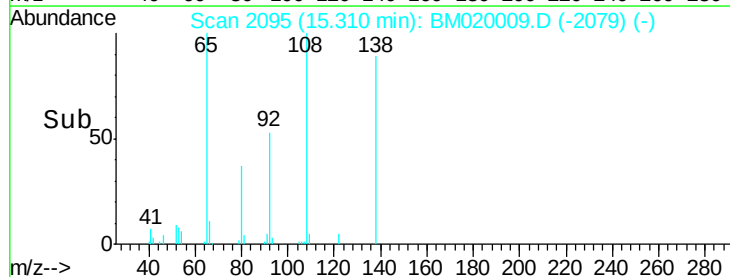
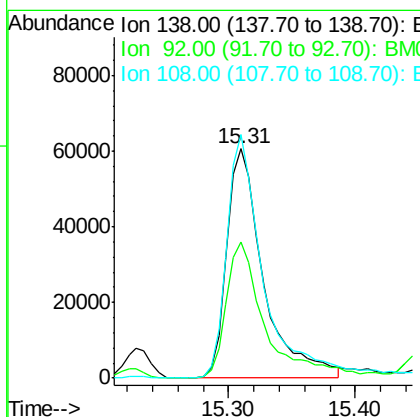
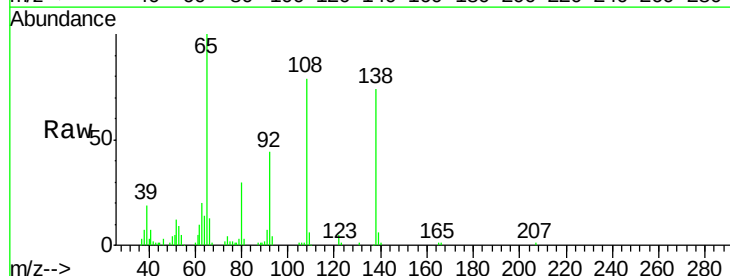
Manual Integrations
 APPROVED

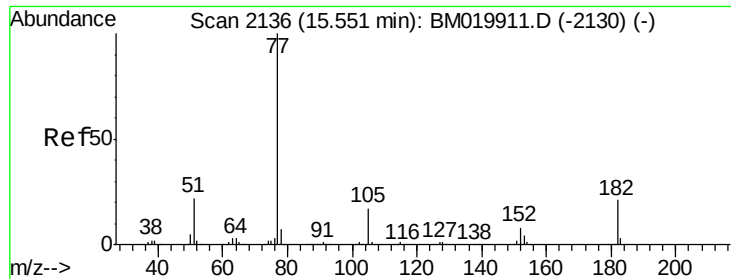
Sohil
 4/23/2019 4:13:31 PM



#62
 4-Nitroaniline
 Concen: 30.038 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	121624		
92	59.5	36.8	76.8	
108	106.1	71.5	111.5	





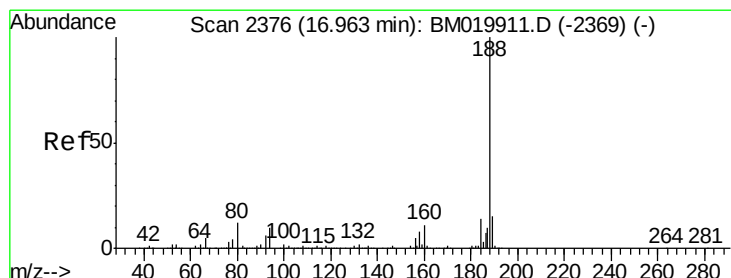
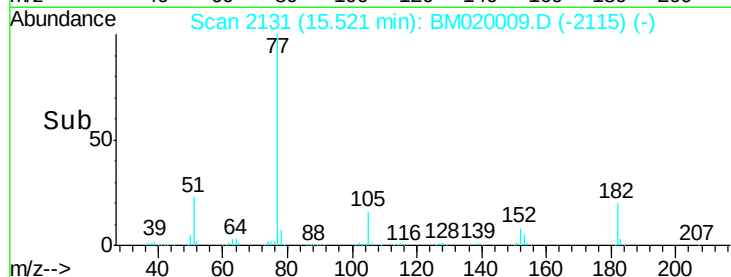
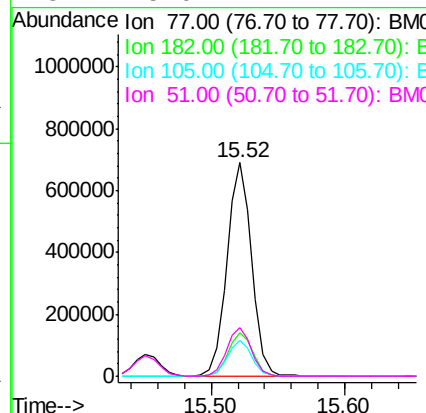
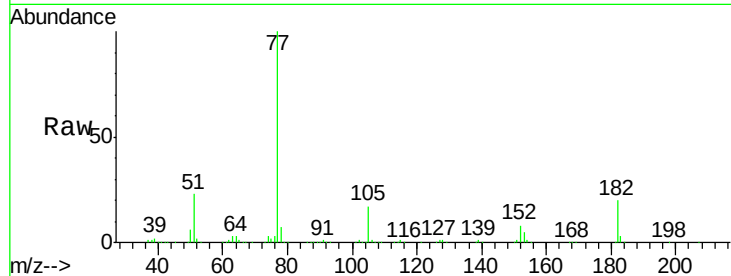
#63
Azobenzene
Concen: 42.959 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.2	1.0	41.0
105	16.5	0.0	37.1
51	23.0	2.1	42.1

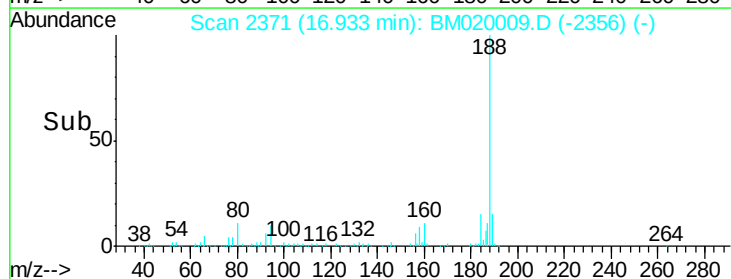
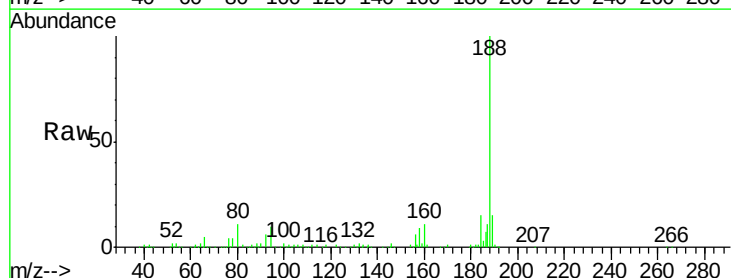
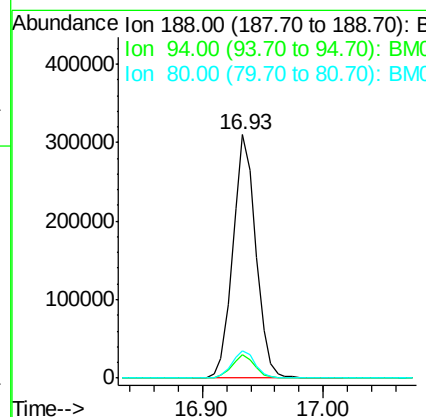
Manual Integrations
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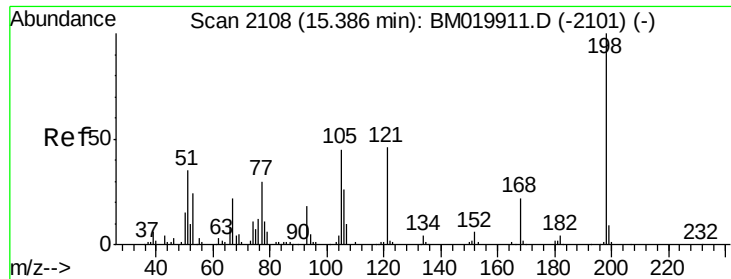
Sohil
4/23/2019 4:13:31 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.6	11.4
80	11.4	9.4	14.0





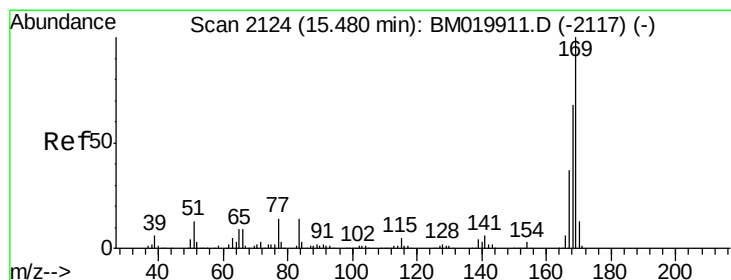
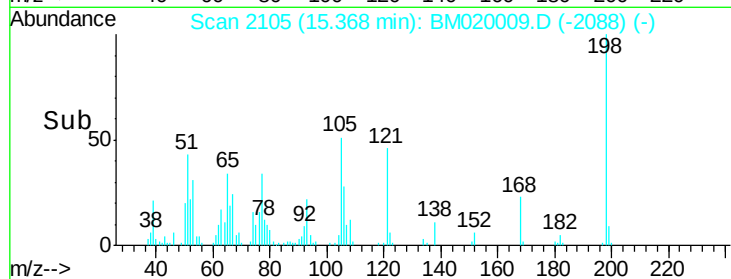
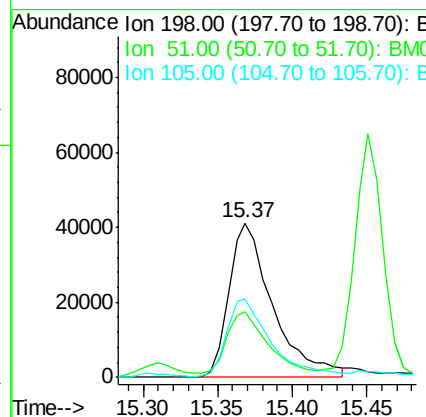
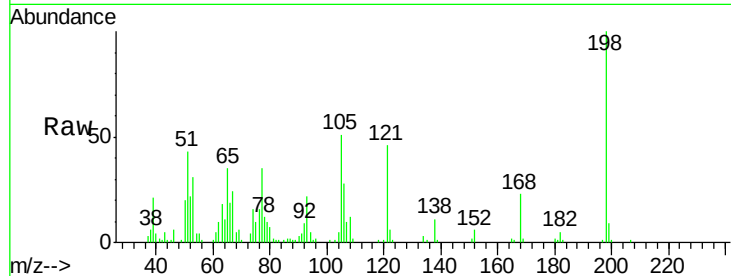
#65
4,6-Dinitro-2-methylphenol
Concen: 32.272 ng
RT: 15.37 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	84328		
51	42.9	17.9	57.9	
105	51.2	26.1	66.1	

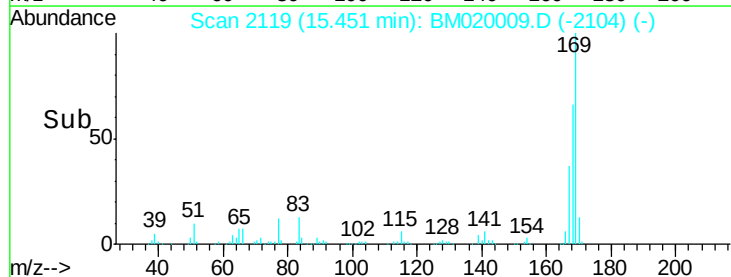
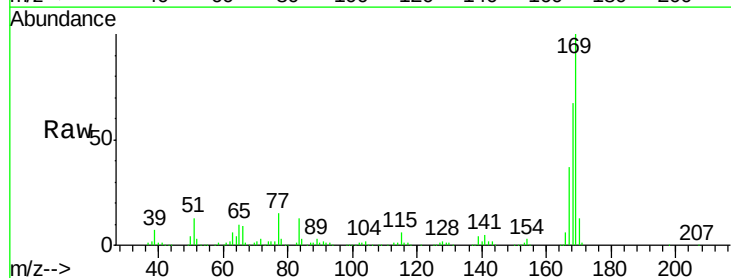
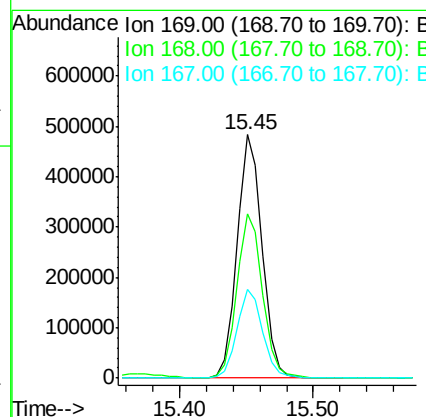
Manual Integrations
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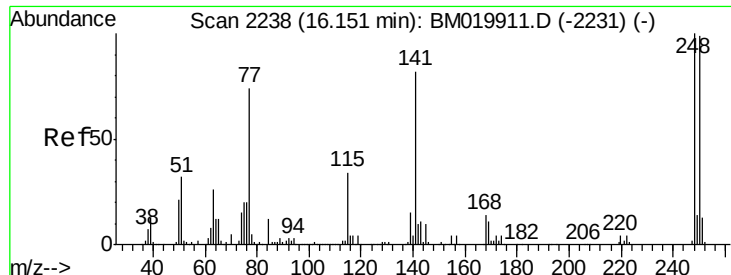
Sohil
4/23/2019 4:13:31 PM



#66
n-Nitrosodiphenylamine
Concen: 47.098 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	630613		
168	67.4	54.7	82.1	
167	36.6	29.4	44.0	





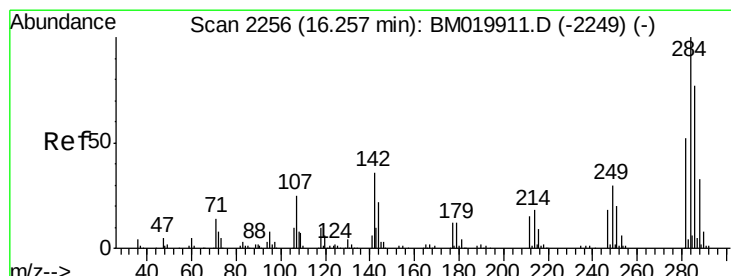
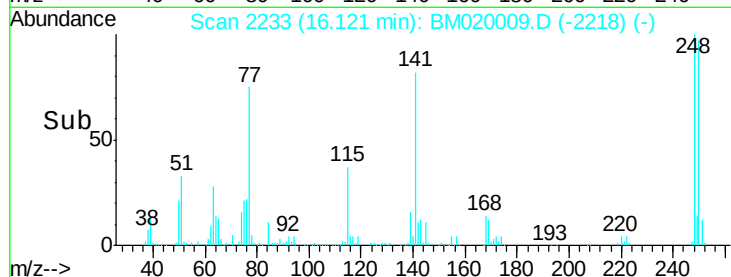
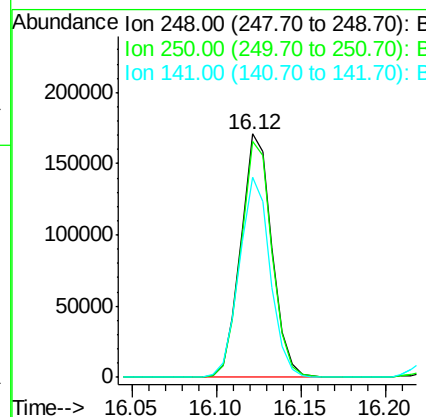
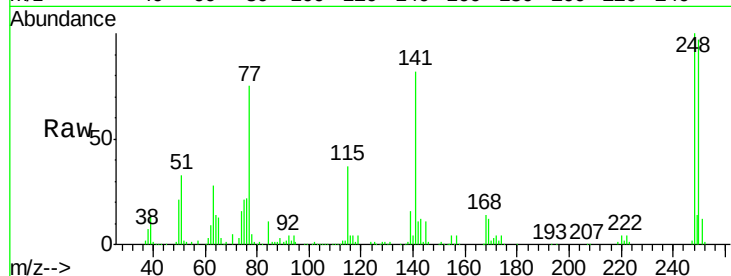
#67
 4-Bromophenyl-phenylether
 Concen: 46.478 ng
 RT: 16.12 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.9	118.3
141	82.4	65.6	98.4

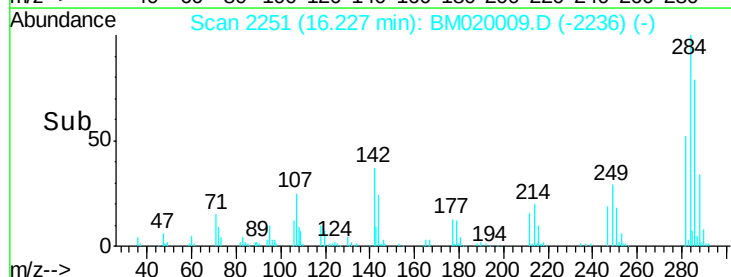
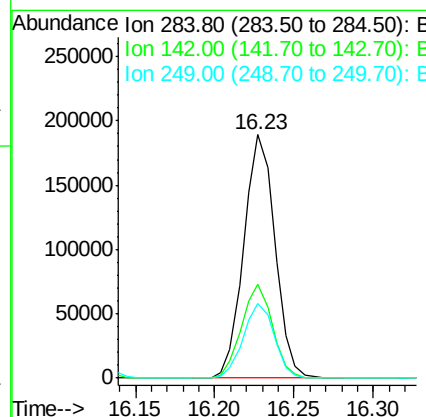
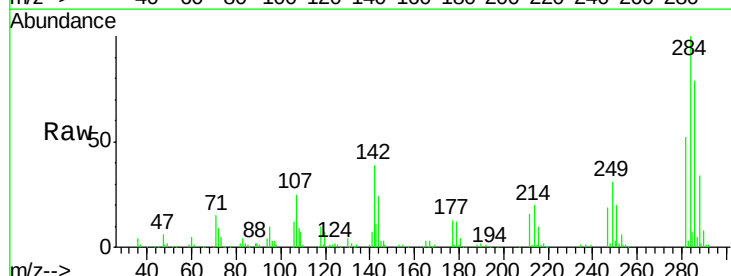
Manual Integrations
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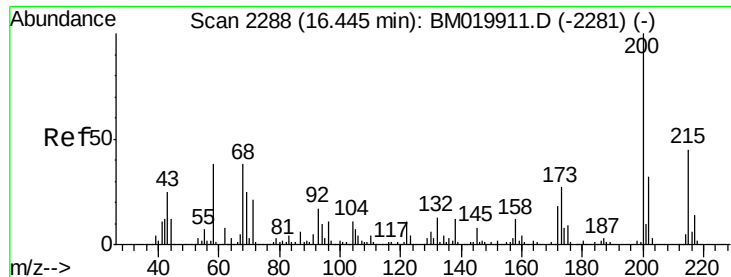
Sohil
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#68
 Hexachlorobenzene
 Concen: 45.663 ng
 RT: 16.23 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.6	28.9	43.3
249	30.7	23.8	35.6





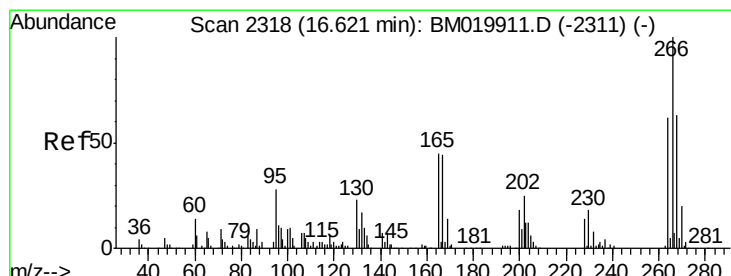
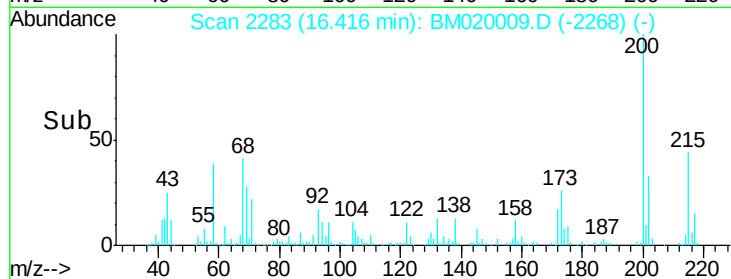
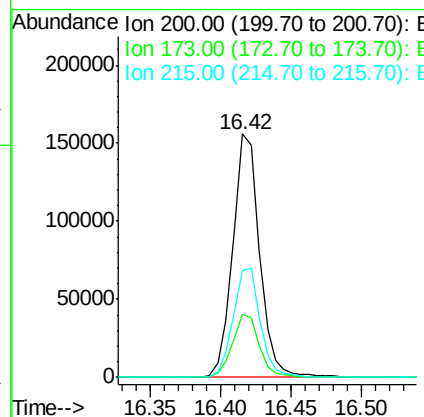
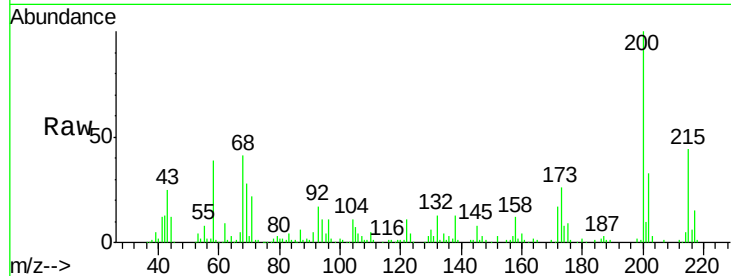
#69
 Atrazine
 Concen: 45.427 ng
 RT: 16.42 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	7.2	47.2
215	44.0	25.4	65.4

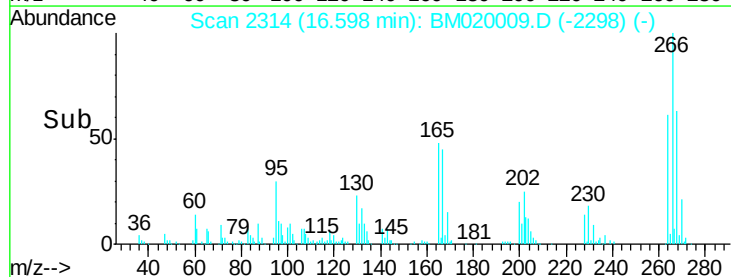
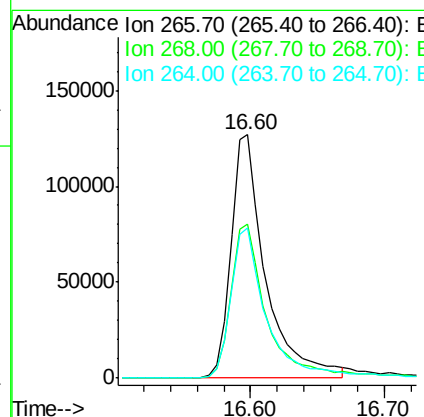
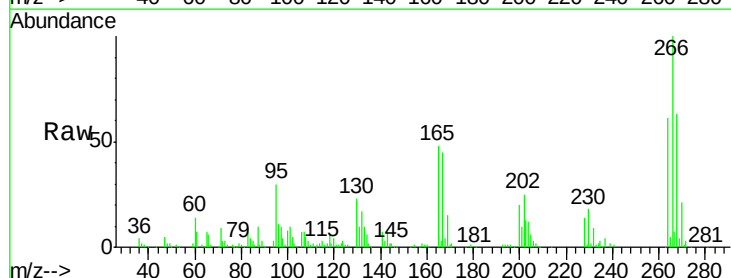
Manual Integrations
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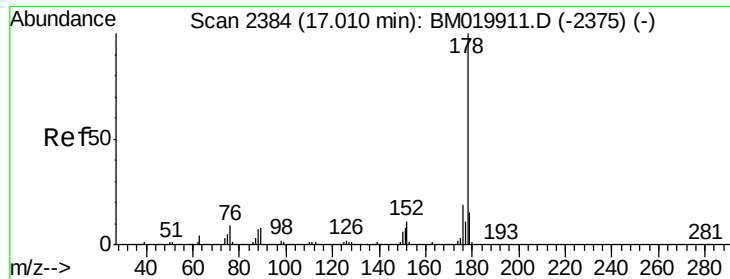
Sohil
 4/23/2019 4:13:31 PM



#70
 Pentachlorophenol
 Concen: 79.508 ng
 RT: 16.60 min Scan# 2314
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.3	50.3	75.5
264	61.5	49.8	74.8





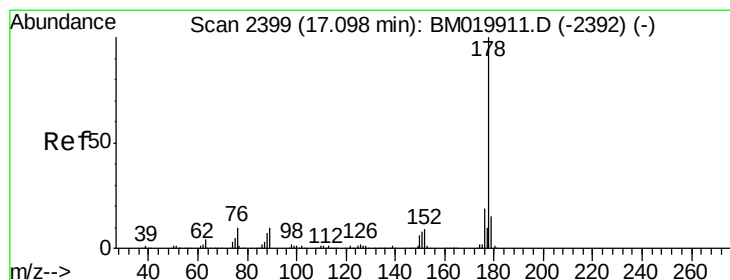
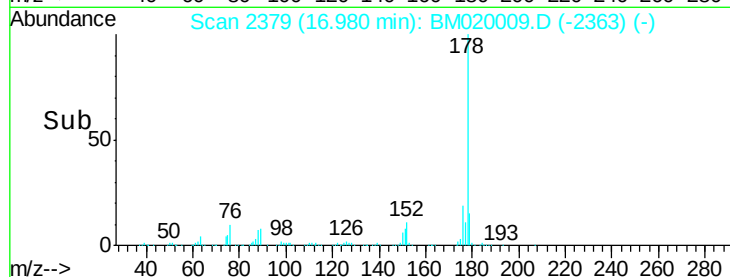
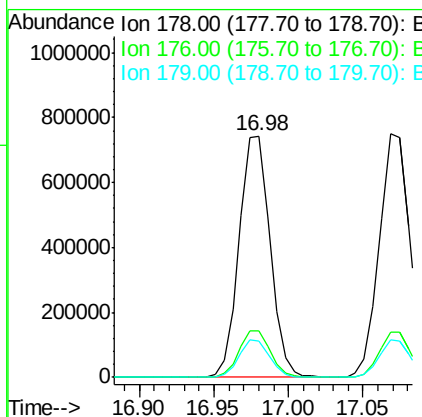
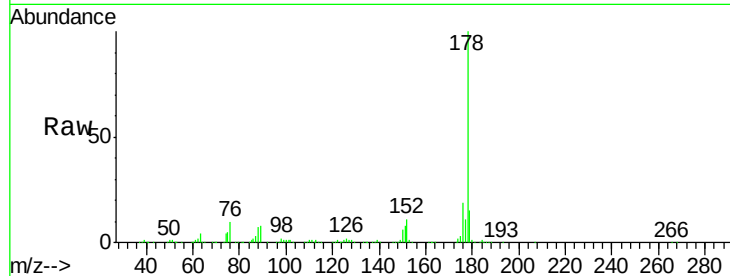
#71
Phenanthrene
Concen: 44.238 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion:178 Resp: 1075153
Ion Ratio Lower Upper
178 100
176 19.2 15.2 22.8
179 14.8 12.2 18.4

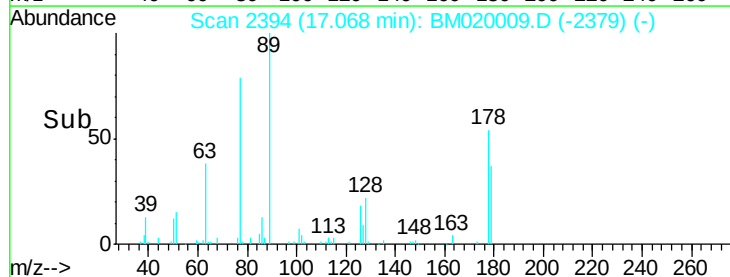
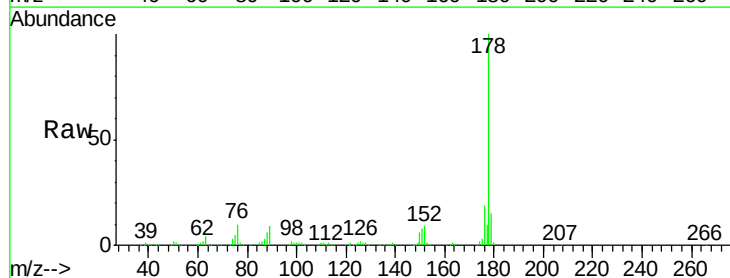
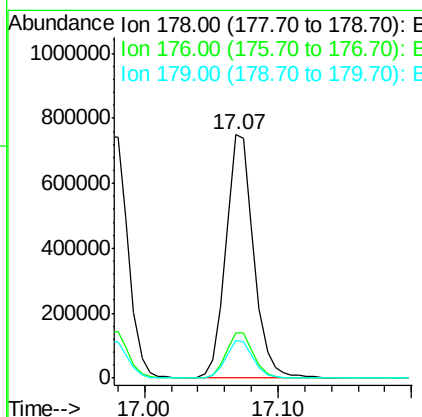
Manual Integrations
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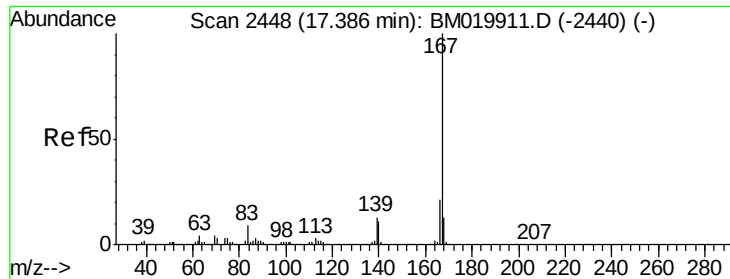
Sohil
4/23/2019 4:13:31 PM



#72
Anthracene
Concen: 44.948 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion:178 Resp: 1087416
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





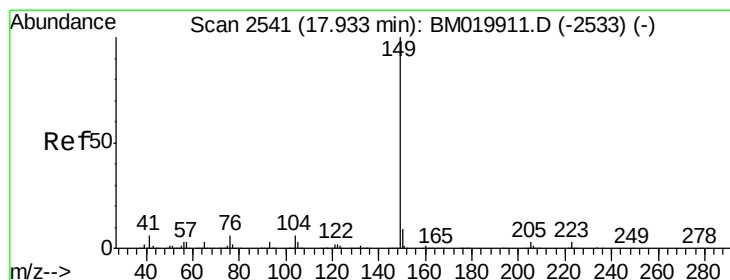
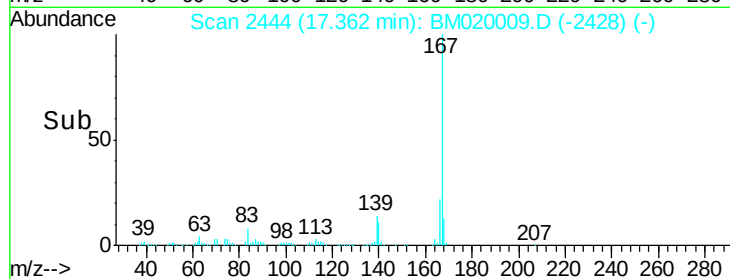
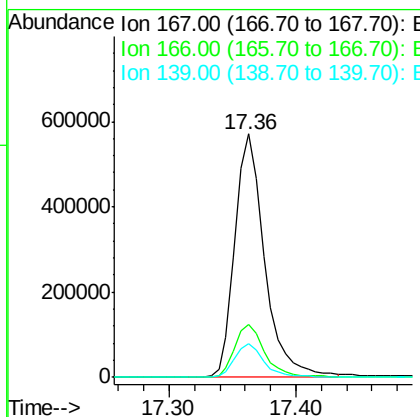
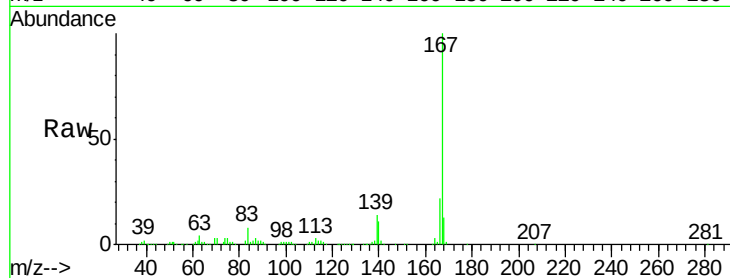
#73
 Carbazole
 Concen: 41.112 ng
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	928612		
166	21.5	17.2	25.8	
139	13.7	10.7	16.1	

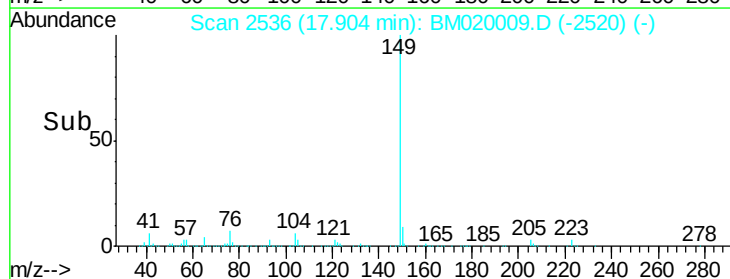
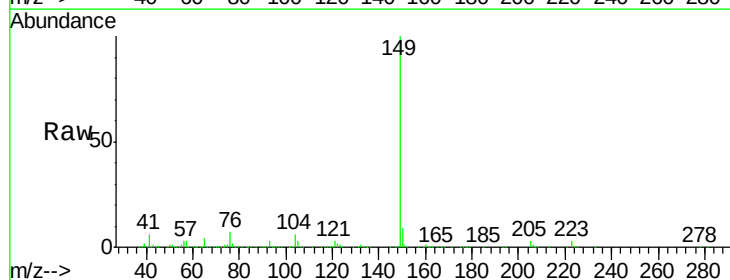
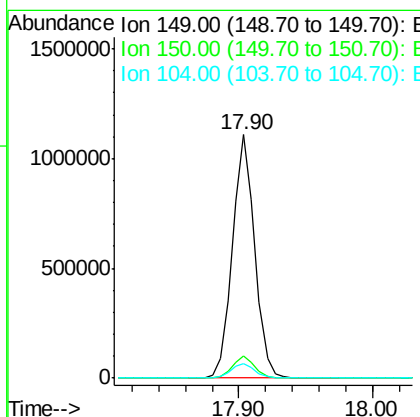
Manual Integrations
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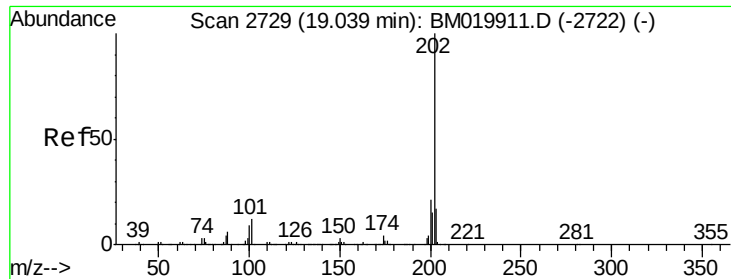
Sohil
 4/23/2019 4:13:31 PM



#74
 Di-n-butylphthalate
 Concen: 43.660 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1295108		
150	9.3	7.2	10.8	
104	6.1	4.6	7.0	





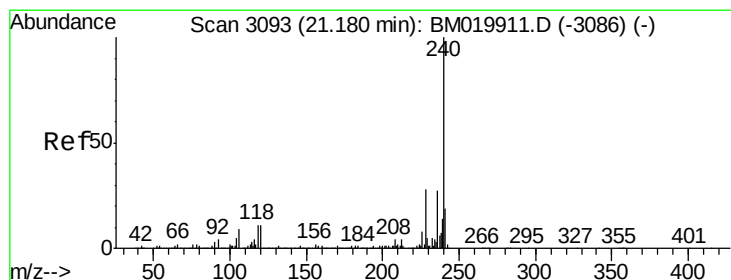
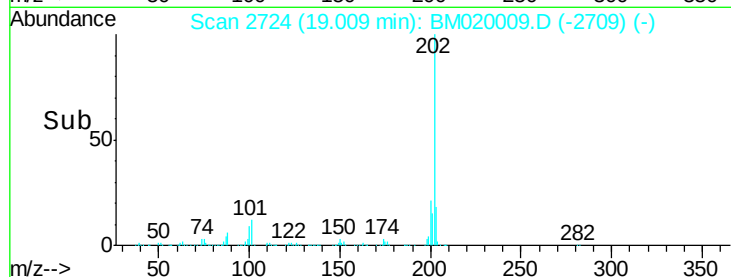
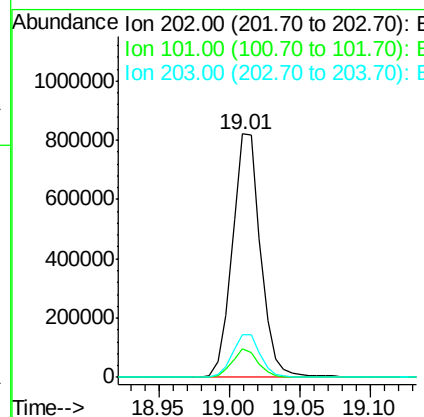
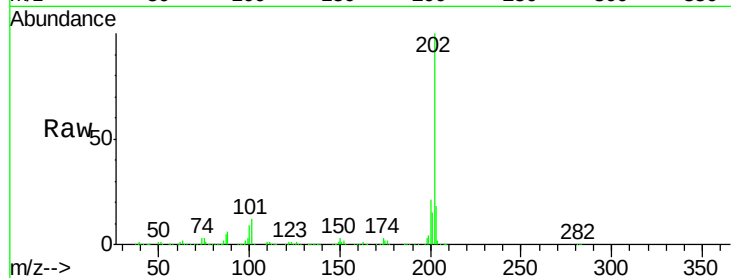
#75
 Fluoranthene
 Concen: 40.862 ng
 RT: 19.01 min Scan# 2724
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1142881		
101	11.6	0.0	31.7	
203	17.6	0.0	37.4	

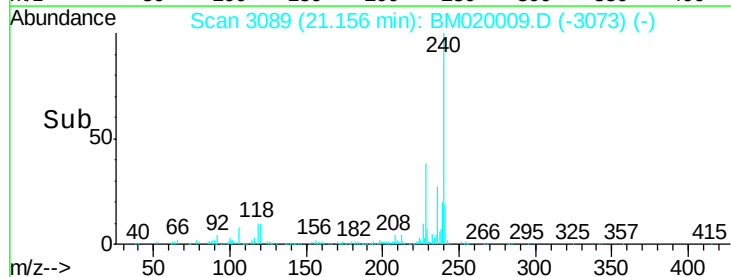
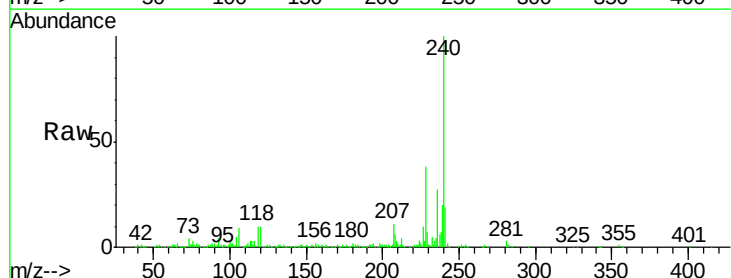
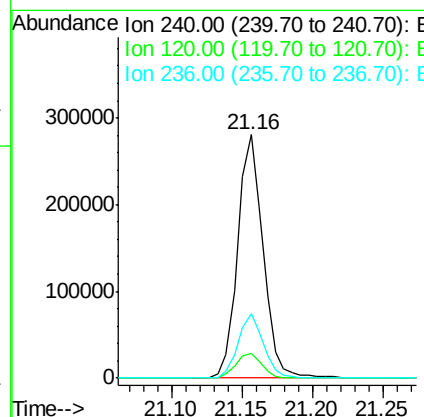
Manual Integrations
 APPROVED

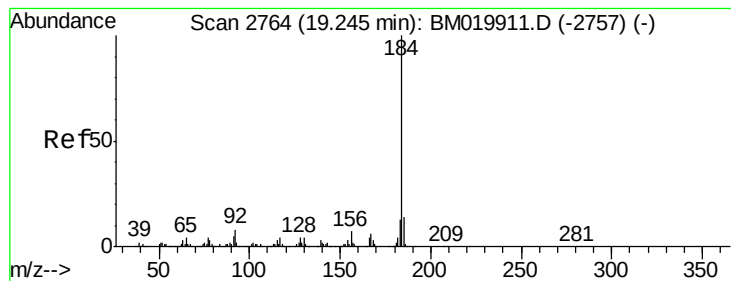
Sohil
 4/23/2019 4:13:31 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	352223		
120	10.1	8.6	13.0	
236	26.7	21.4	32.2	





#77

Benzidine

Concen: 6.184 ng

RT: 19.24 min Scan# 2764

Delta R.T. 0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

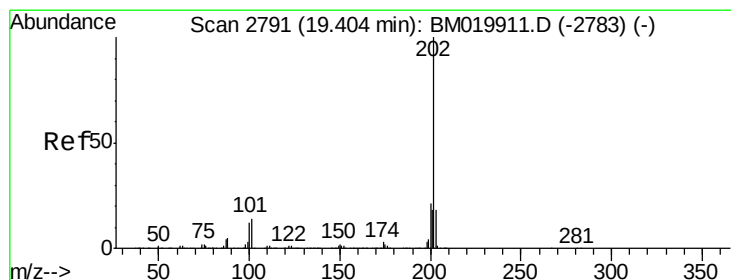
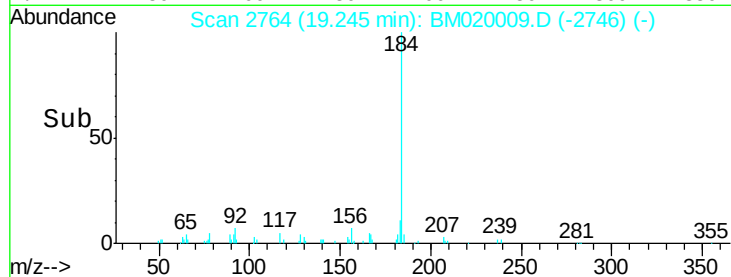
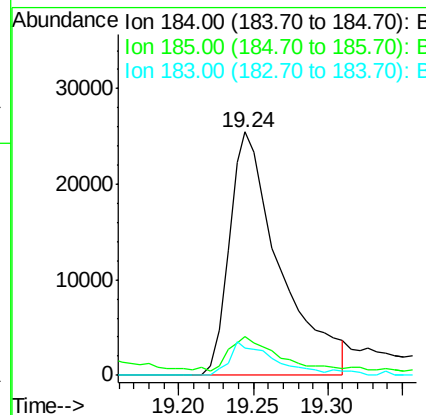
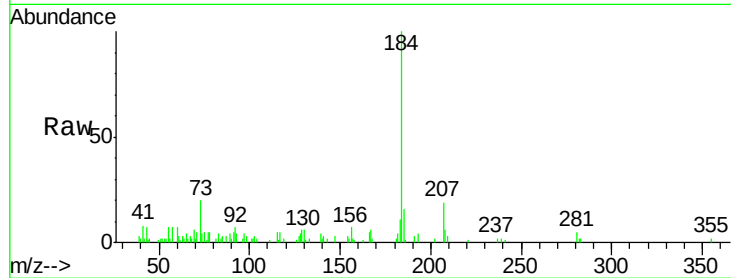
ClientSampleId :

HR-05-041719-AMS

Tgt Ion:	184	Resp:	60101
Ion Ratio	Lower	Upper	
184	100		
185	15.8	11.0	16.6
183	11.5	10.1	15.1

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#78

Pyrene

Concen: 50.267 ng

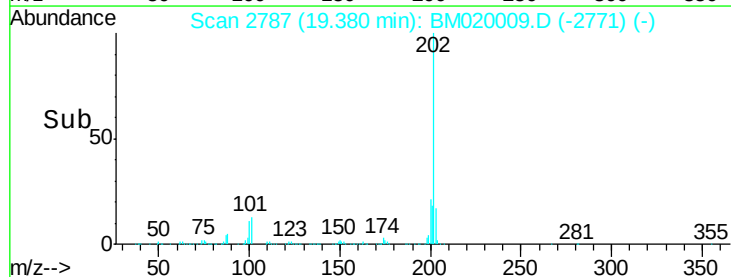
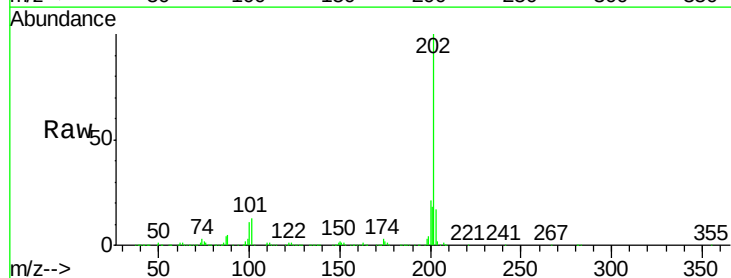
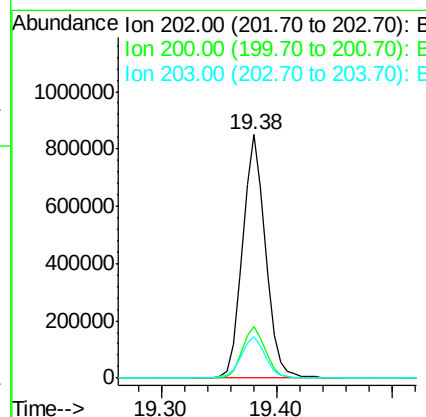
RT: 19.38 min Scan# 2787

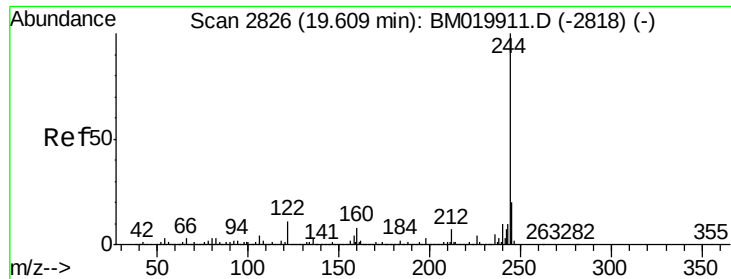
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion:	202	Resp:	1172496
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.0	25.4
203	17.2	14.0	21.0





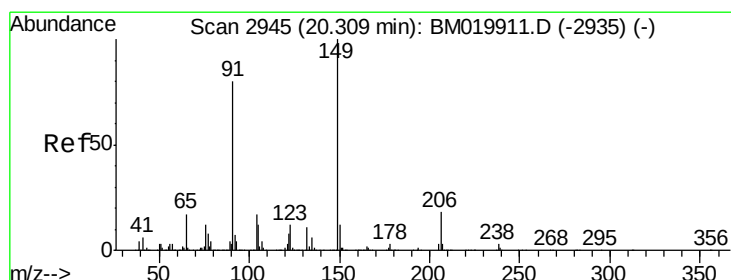
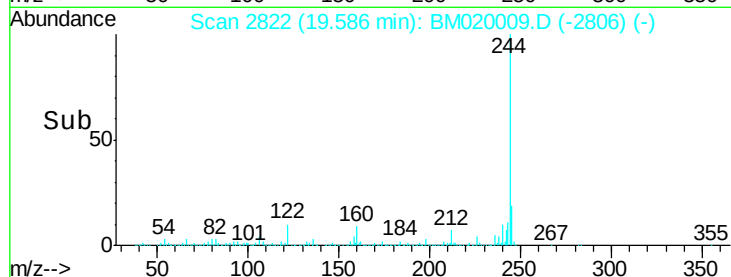
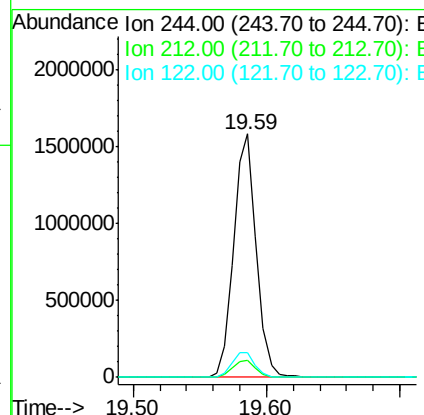
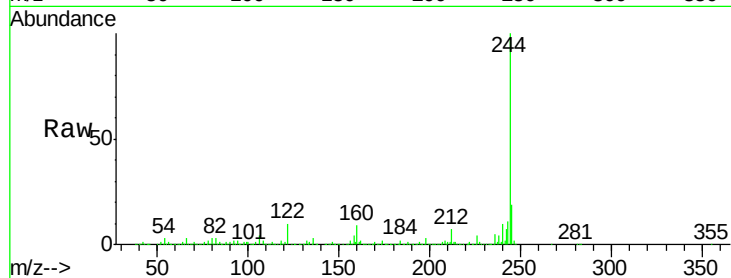
#79
 Terphenyl-d14
 Concen: 94.207 ng
 RT: 19.59 min Scan# 2822
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion: 244 Resp: 1881238
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.9 9.1 13.7

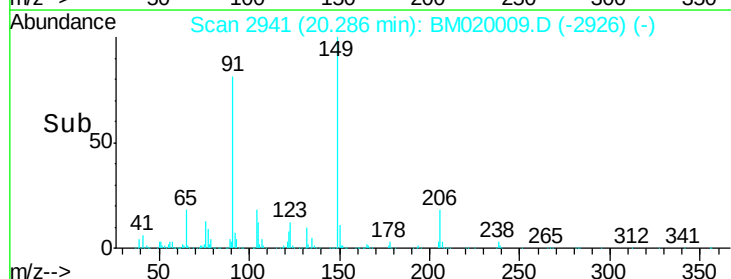
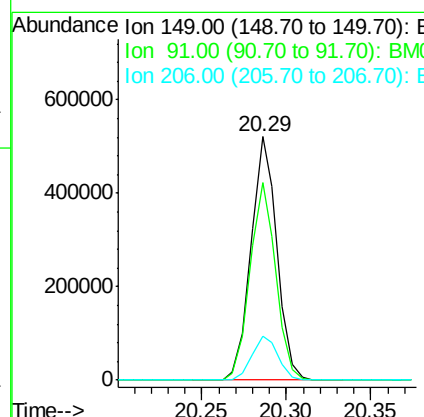
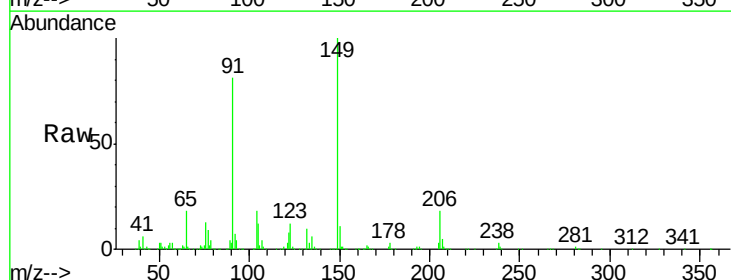
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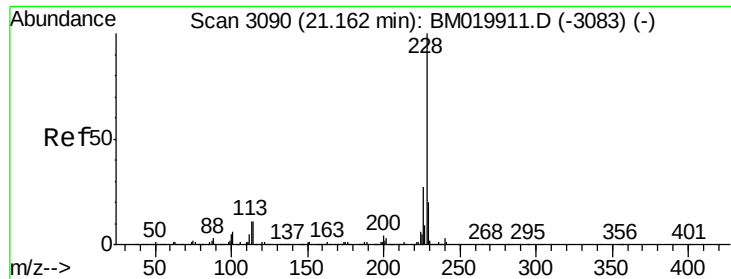
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#80
 Butylbenzylphthalate
 Concen: 49.460 ng
 RT: 20.29 min Scan# 2941
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion: 149 Resp: 559317
 Ion Ratio Lower Upper
 149 100
 91 80.9 63.7 95.5
 206 18.2 14.6 21.8





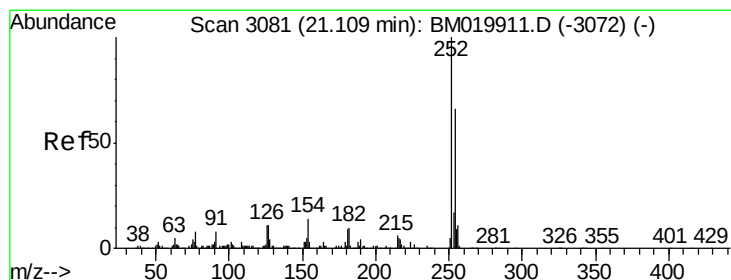
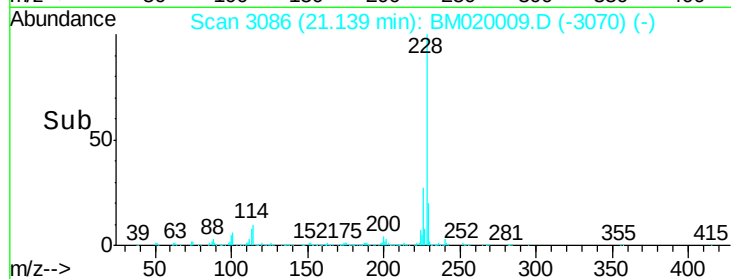
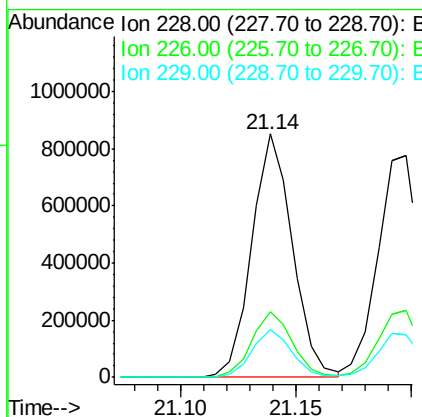
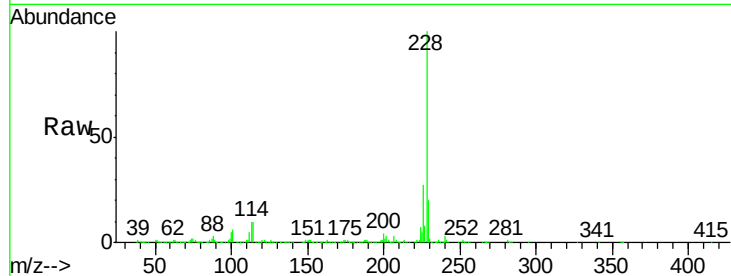
#81
Benzo(a)anthracene
Concen: 46.620 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.6	15.9	23.9

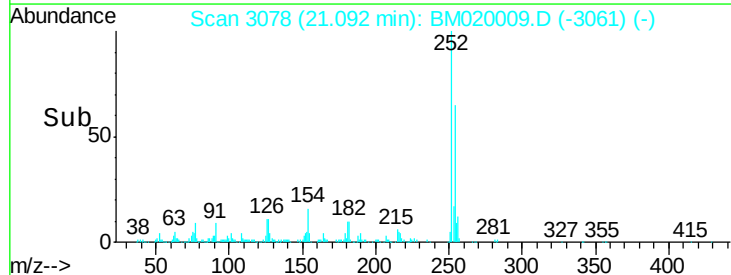
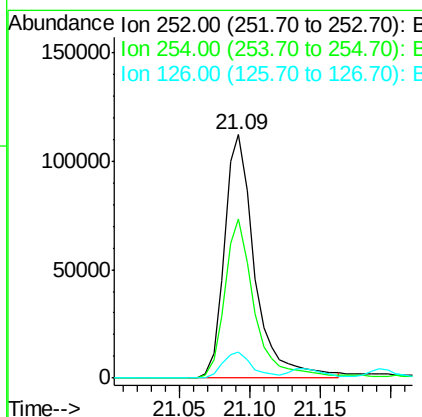
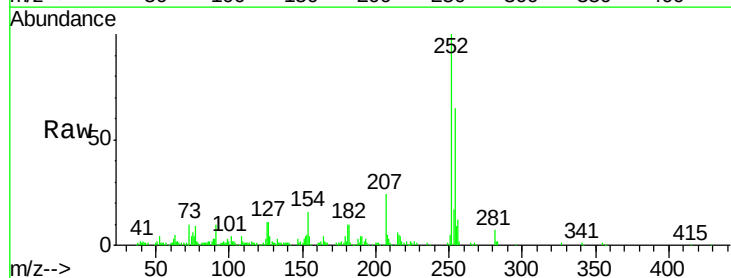
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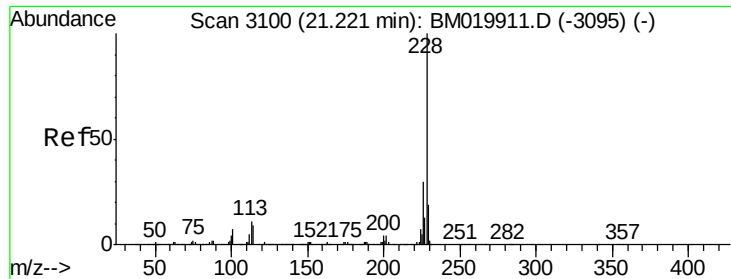
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#82
3,3'-Dichlorobenzidine
Concen: 20.342 ng
RT: 21.09 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	10.8	8.6	12.8





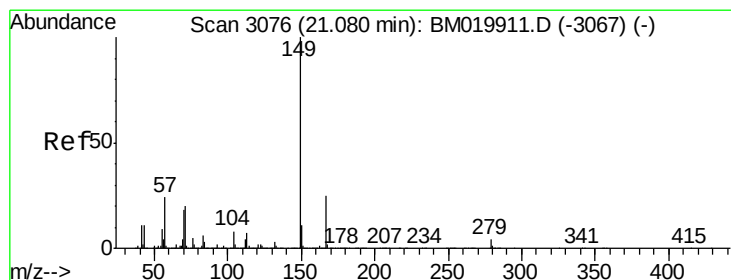
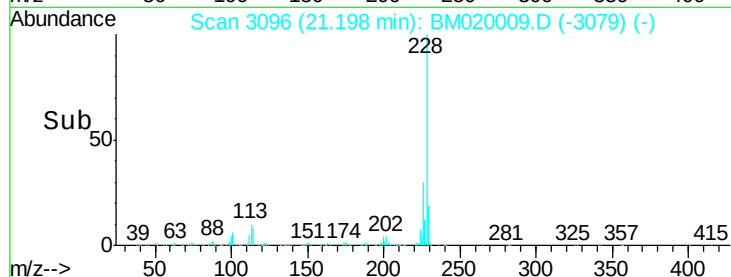
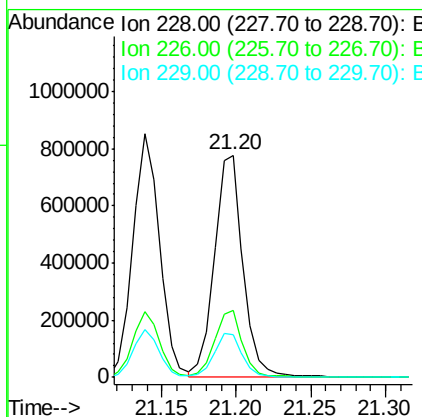
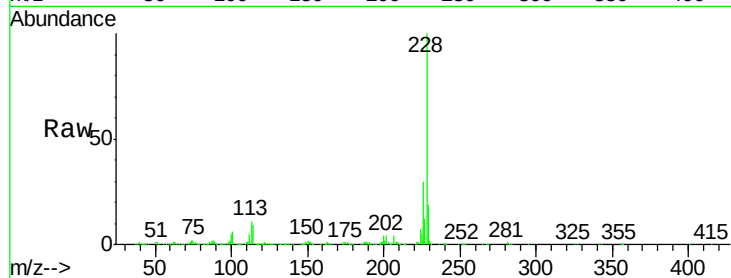
#83
 Chrysene
 Concen: 48.212 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. 0.00 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

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

Tgt Ion: 228 Resp: 1031630
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.7 35.5
 229 19.4 15.6 23.4

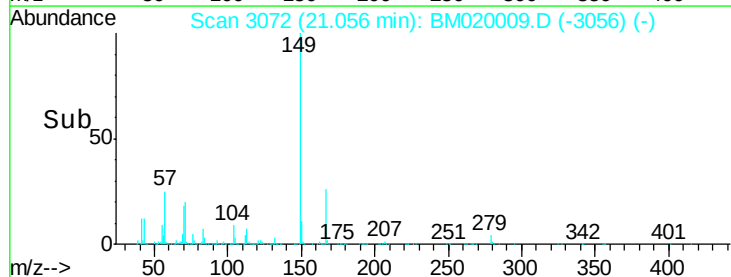
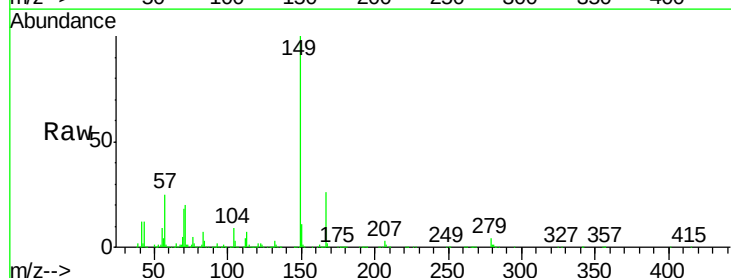
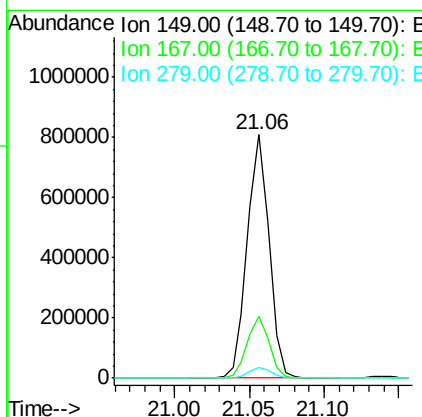
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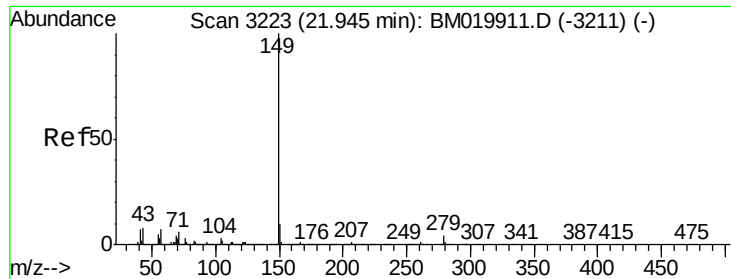
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.687 ng
 RT: 21.06 min Scan# 3072
 Delta R.T. -0.01 min
 Lab File: BM020009.D
 Acq: 22 Apr 2019 17:05

Tgt Ion: 149 Resp: 819682
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.3 30.5
 279 4.3 3.4 5.2





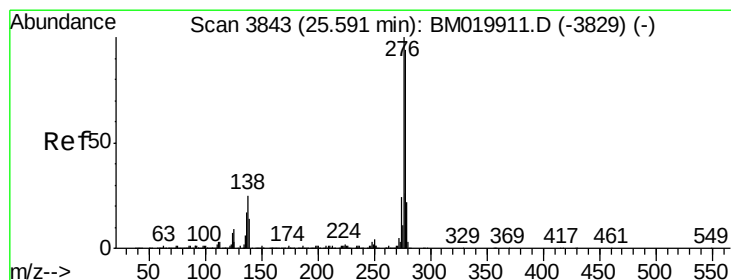
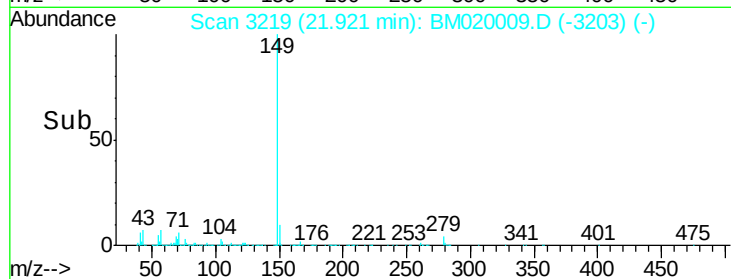
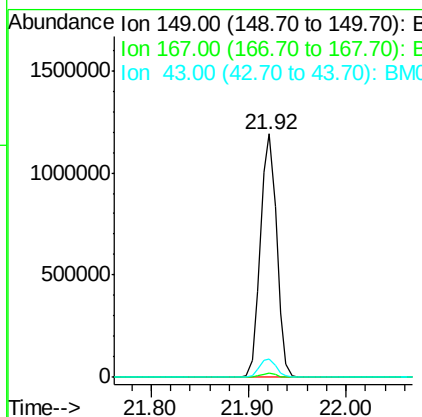
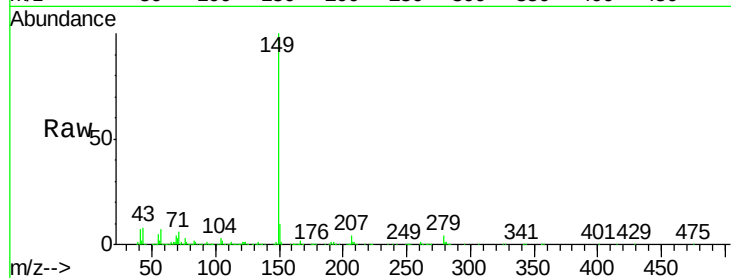
#85
Di-n-octyl phthalate
Concen: 50.893 ng
RT: 21.92 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

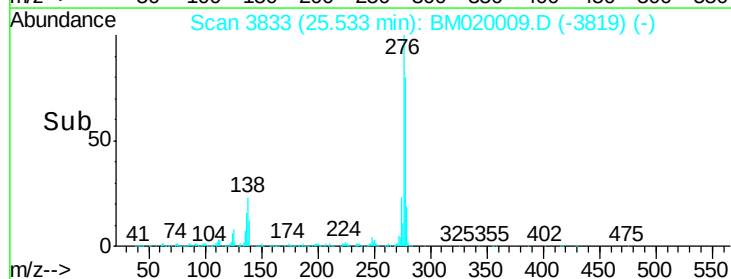
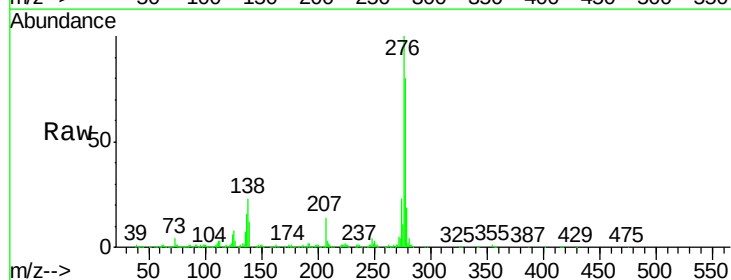
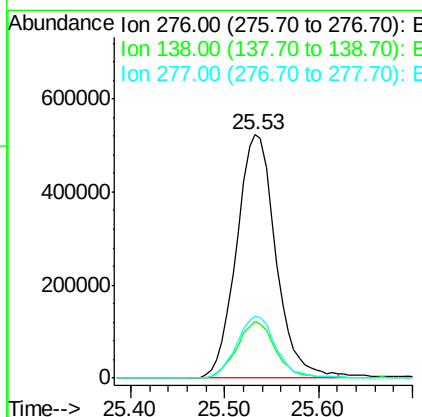
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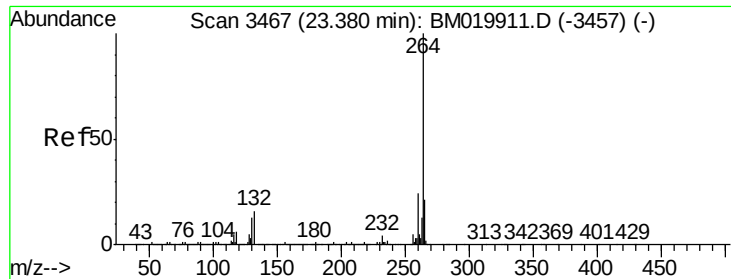
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#86
Indeno(1,2,3-cd)pyrene
Concen: 71.970 ng
RT: 25.53 min Scan# 3833
Delta R.T. -0.02 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	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: BM020009.D

Acq: 22 Apr 2019 17:05

Instrument :

BNA_M

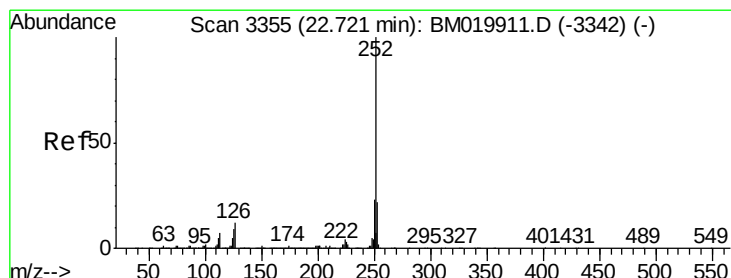
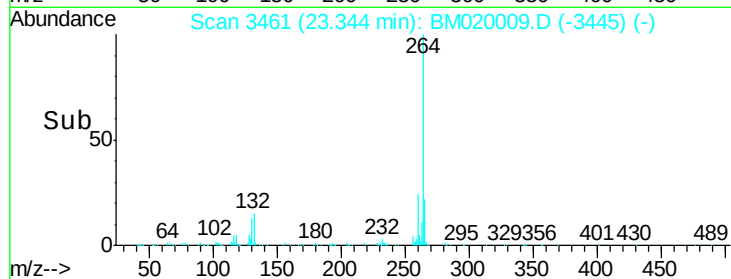
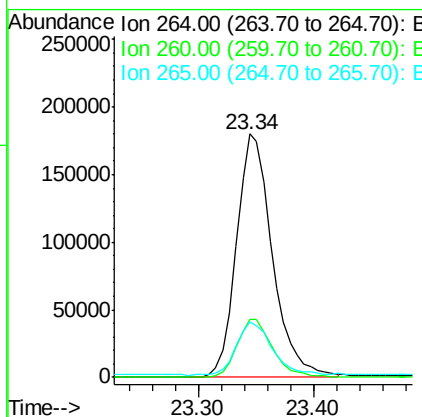
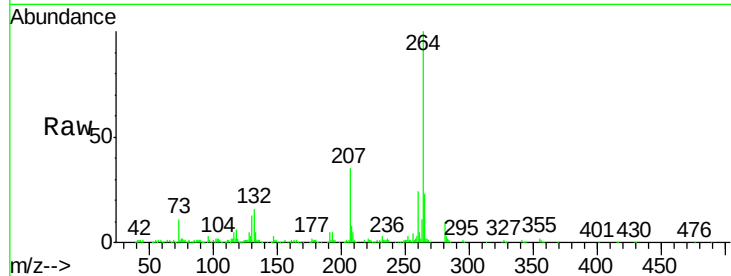
ClientSampleId :

HR-05-041719-AMS

Tgt Ion:	264	Resp:	388518
Ion Ratio		Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.8	17.2	25.8

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.126 ng

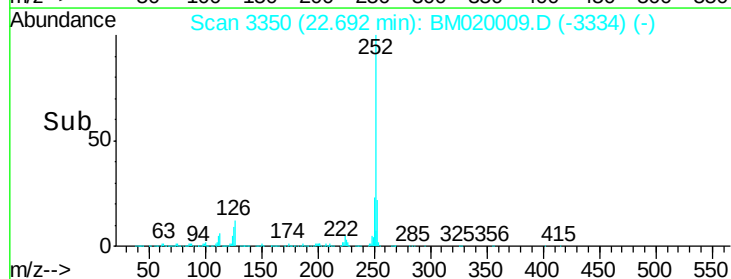
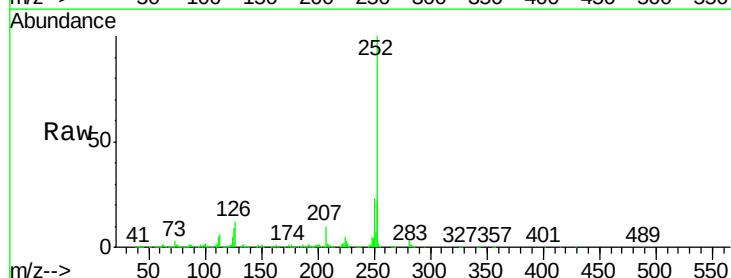
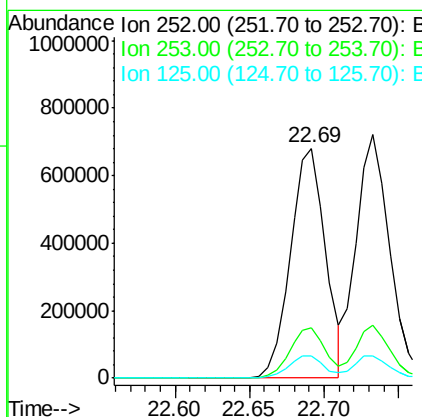
RT: 22.69 min Scan# 3350

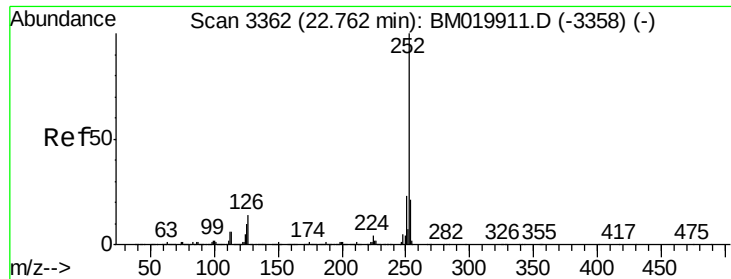
Delta R.T. -0.01 min

Lab File: BM020009.D

Acq: 22 Apr 2019 17:05

Tgt Ion:	252	Resp:	1112568
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.4	7.6	11.4





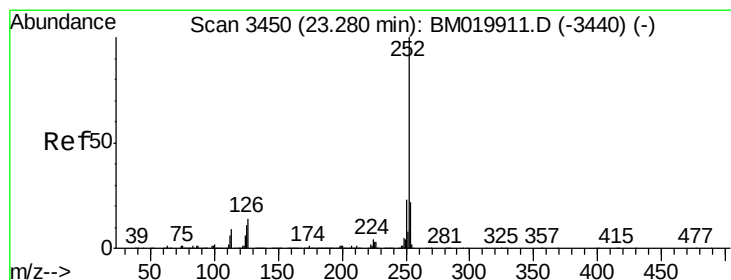
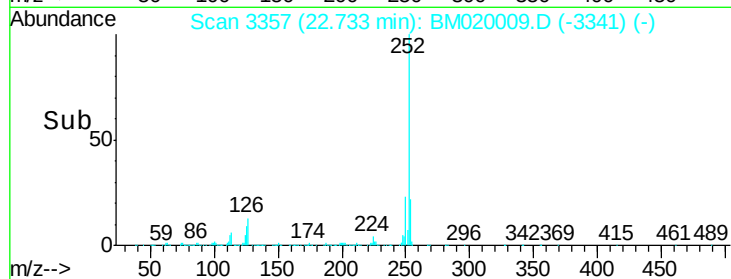
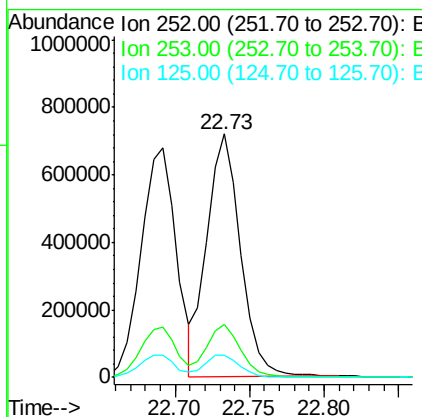
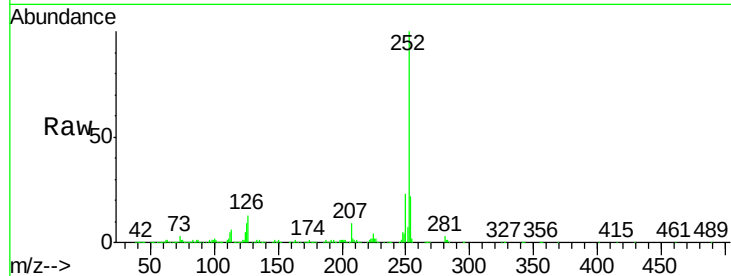
#89
Benzo(k)fluoranthene
Concen: 46.312 ng
RT: 22.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.3	25.9
125	9.1	8.2	12.4

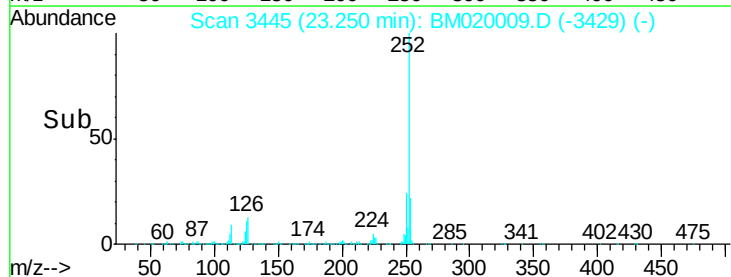
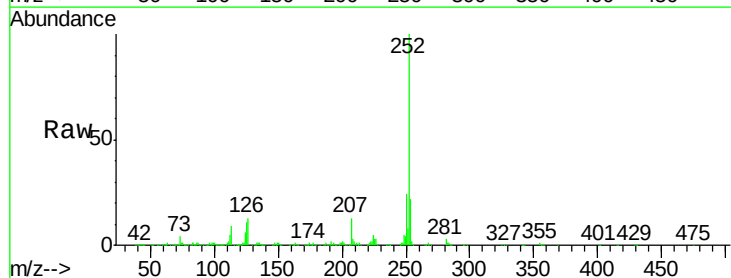
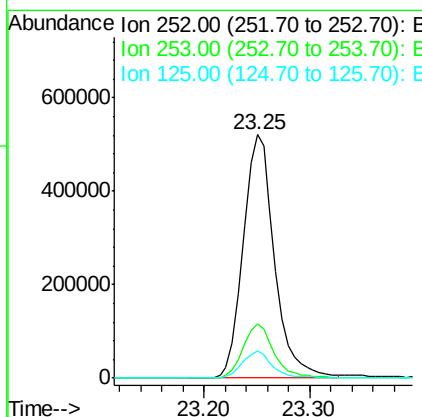
Manual Integrations
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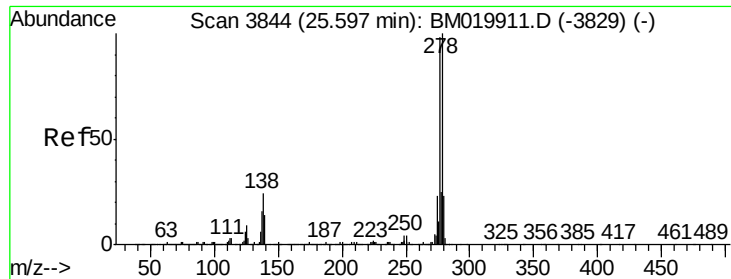
Sohil
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#90
Benzo(a)pyrene
Concen: 46.707 ng
RT: 23.25 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.0	9.1	13.7





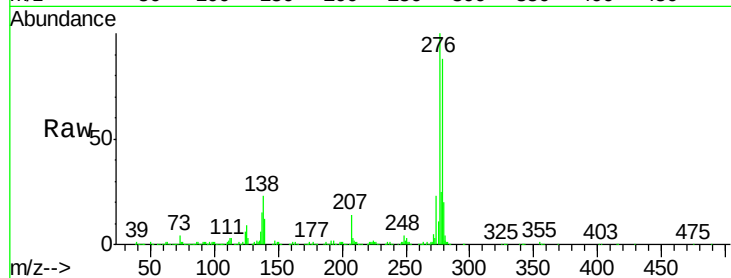
#91
Dibenzo(a,h)anthracene
Concen: 57.667 ng
RT: 25.54 min Scan# 3834
Delta R.T. -0.02 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

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

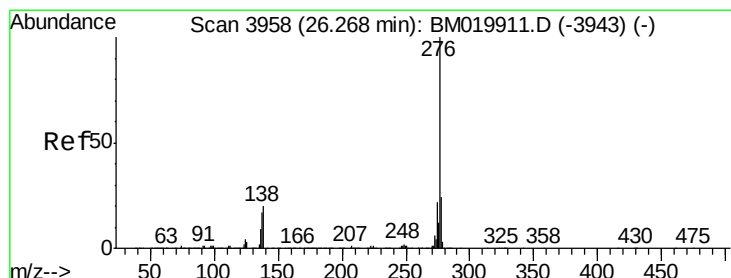
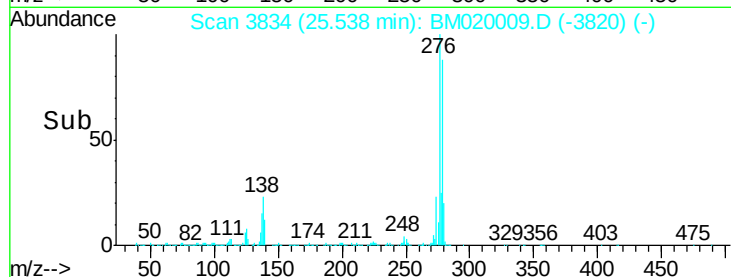
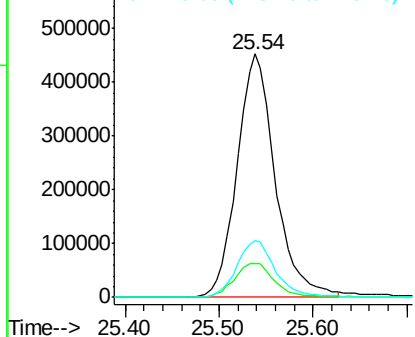
Tgt Ion:278 Resp: 1270919
Ion Ratio Lower Upper
278 100
139 14.0 11.6 17.4
279 23.1 18.4 27.6

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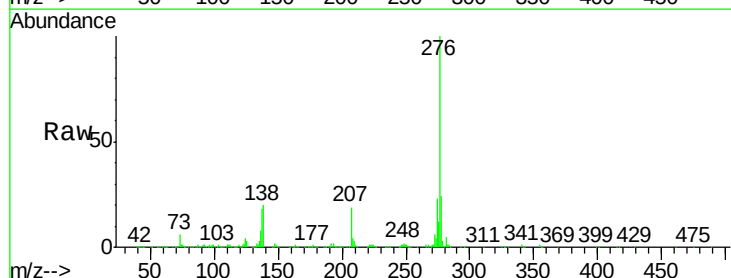


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 62.312 ng
RT: 26.21 min Scan# 3948
Delta R.T. -0.02 min
Lab File: BM020009.D
Acq: 22 Apr 2019 17:05

Tgt Ion:276 Resp: 1243834
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 19.6 16.2 24.4



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

