

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020721.D
 Acq On : 05 Jun 2019 03:54
 Operator : HP/JU
 Sample : PB120082BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Manual Integrations
 APPROVED

mohammad
 6/5/2019 3:41:51 PM

Quant Time: Jun 05 07:06:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	361823	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1404086	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	729689	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1385433	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1224348	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1181494	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1705984	82.94	ng	0.00
7) Phenol-d6	6.99	99	2234200	73.77	ng	0.00
23) Nitrobenzene-d5	8.99	82	1950364	71.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	716209	79.22	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4216012	76.81	ng	-0.01
79) Terphenyl-d14	19.83	244	4797949	65.55	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	324334	38.513	ng	97
3) Pyridine	3.74	79	861531	32.154	ng	98
4) n-Nitrosodimethylamine	3.66	42	406249	35.172	ng	93
6) Aniline	7.16	93	1057158	24.123	ng	97
8) 2-Chlorophenol	7.39	128	1029786	40.244	ng	99
10) Phenol	7.02	94	1250114	38.301	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	931581	35.814	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1091217	37.105	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1108486	37.077	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1070445	36.791	ng	99
15) Benzyl Alcohol	8.06	79	905659	33.801	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1282740	31.941	ng	99
17) 2-Methylphenol	8.26	107	839800	36.590	ng	98
18) Hexachloroethane	8.90	117	407492	35.600	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	773380	31.766	ng	96
20) 3+4-Methylphenols	8.59	107	1100923	35.256	ng	96
22) Acetophenone	8.65	105	1432320	40.156	ng	97
24) Nitrobenzene	9.03	77	1121675	40.544	ng	99
25) Isophorone	9.55	82	2011701	37.319	ng	99
26) 2-Nitrophenol	9.73	139	487646	47.295	ng	97
27) 2,4-Dimethylphenol	9.79	122	900693	46.618	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1245262	38.206	ng	99
29) 2,4-Dichlorophenol	10.26	162	920916	43.082	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1022844	41.615	ng	99
31) Naphthalene	10.66	128	2943962	40.773	ng	99
32) Benzoic acid	9.93	122	508203m	42.454	ng	
33) 4-Chloroaniline	10.77	127	500573	14.897	ng	97
34) Hexachlorobutadiene	10.94	225	604880	41.015	ng	99
35) Caprolactam	11.57	113	251926m	33.925	ng	
36) 4-Chloro-3-methylphenol	11.90	107	932874	37.536	ng	98
37) 2-Methylnaphthalene	12.27	142	2133562	39.866	ng	99
38) 1-Methylnaphthalene	12.50	142	2020424	39.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1092453	45.685	ng	99
41) Hexachlorocyclopentadiene	12.62	237	1204603	84.229	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.89	196	693067	45.028	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	730147	45.948	ng	97
46) 1,1'-Biphenyl	13.29	154	2645844	43.416	ng	99
47) 2-Chloronaphthalene	13.33	162	2040259	41.481	ng	98
48) 2-Nitroaniline	13.54	65	567659	36.772	ng	91
49) Acenaphthylene	14.18	152	3179595	41.431	ng	99
50) Dimethylphthalate	13.92	163	2432065	39.012	ng	99
51) 2,6-Dinitrotoluene	14.04	165	526811	41.618	ng	88
52) Acenaphthene	14.53	154	1863058	40.737	ng	99
53) 3-Nitroaniline	14.37	138	347195	24.573	ng	95
54) 2,4-Dinitrophenol	14.57	184	427046	78.563	ng	94
55) Dibenzofuran	14.86	168	2891639	40.709	ng	99
56) 4-Nitrophenol	14.67	139	801914	77.021	ng	92
57) 2,4-Dinitrotoluene	14.83	165	676701	39.926	ng	94
58) Fluorene	15.51	166	2290910	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	611488	44.161	ng	97
60) Diethylphthalate	15.29	149	2388744	37.153	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1215822	39.311	ng	97
62) 4-Nitroaniline	15.53	138	469941	31.362	ng	97
63) Azobenzene	15.80	77	2218090	35.984	ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	260117	42.499	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1952492	44.024	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	710131	43.534	ng	97
68) Hexachlorobenzene	16.50	284	806203	42.325	ng	97
69) Atrazine	16.67	200	569463	43.021	ng	99
70) Pentachlorophenol	16.85	266	906118	99.716	ng	99
71) Phenanthrene	17.25	178	3239423	41.250	ng	99
72) Anthracene	17.34	178	3278805	41.715	ng	99
73) Carbazole	17.61	167	2776600	38.928	ng	100
74) Di-n-butylphthalate	18.17	149	3578541	38.649	ng	100
75) Fluoranthene	19.26	202	3358863	38.461	ng	99
77) Benzidine	19.45	184	999674	26.946	ng	100
78) Pyrene	19.62	202	3358248	35.743	ng	100
80) Butylbenzylphthalate	20.52	149	1353048	34.077	ng	95
81) Benzo(a)anthracene	21.36	228	3046535	35.731	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1041122	33.346	ng	99
83) Chrysene	21.42	228	2965218	36.586	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1913751	33.163	ng	99
85) Di-n-octyl phthalate	22.19	149	3102000	33.858	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	4058741	48.951	ng	99
88) Benzo(b)fluoranthene	22.97	252	3255414	41.688	ng	99
89) Benzo(k)fluoranthene	23.02	252	3164716	41.470	ng	99
90) Benzo(a)pyrene	23.56	252	3170600	44.763	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3431419	49.934	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3320978	52.029	ng	99

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

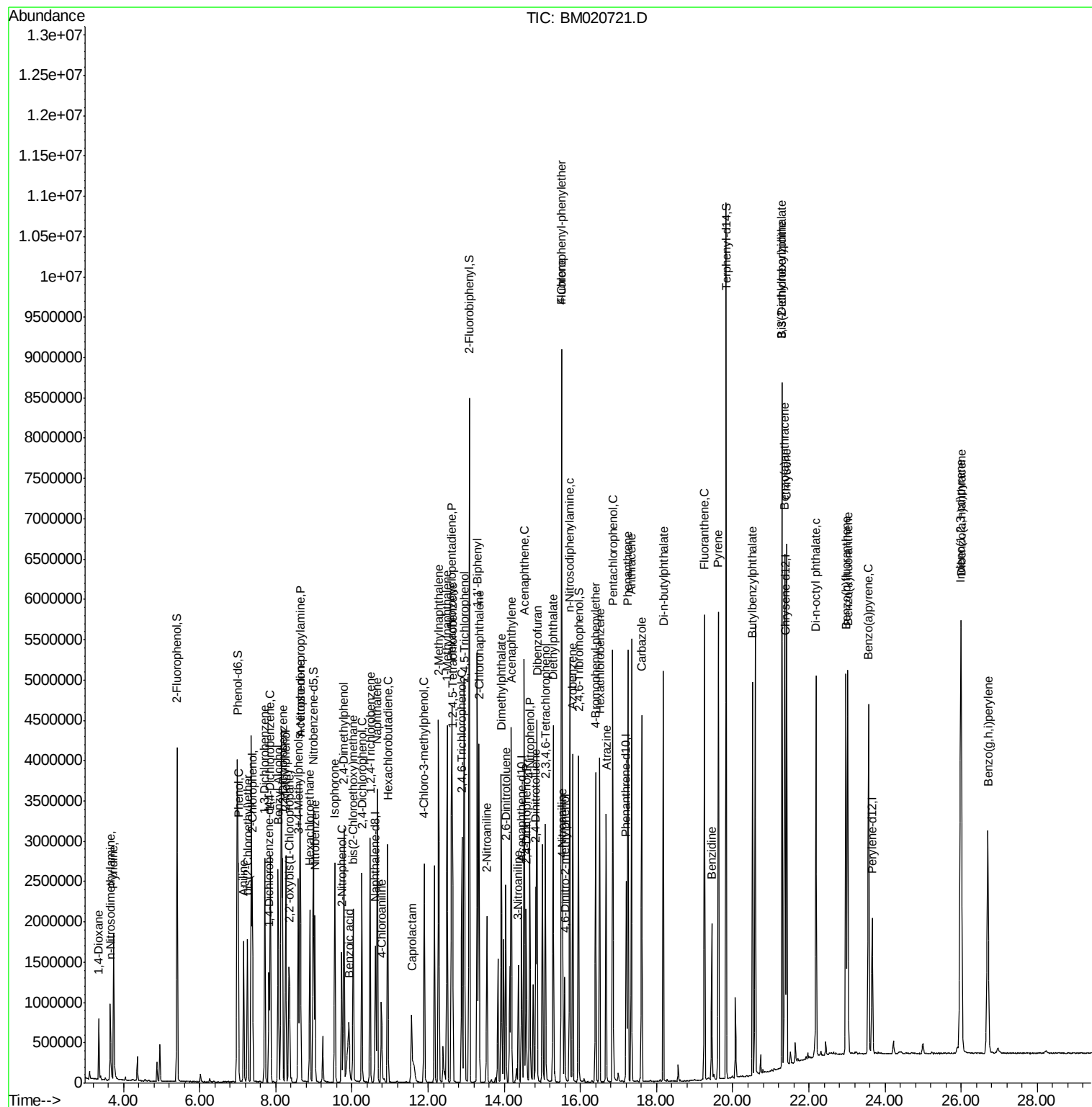
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
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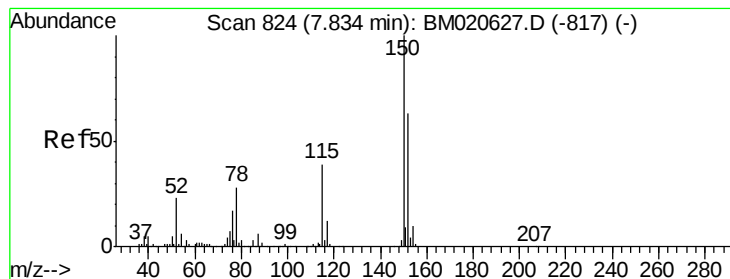
Instrument :
BNA_M
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PB120082BSD

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#1

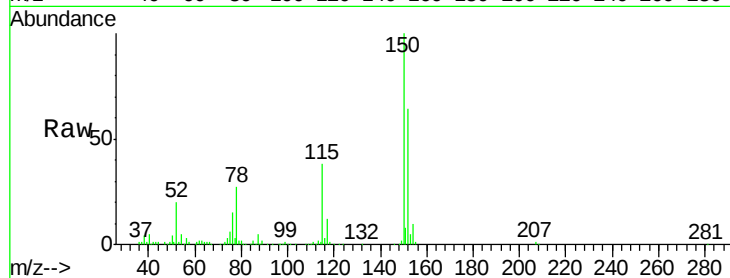
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

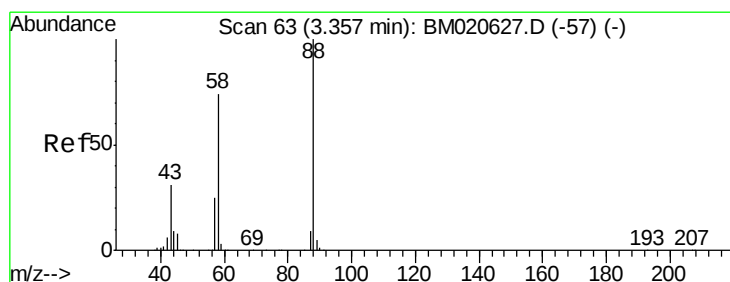
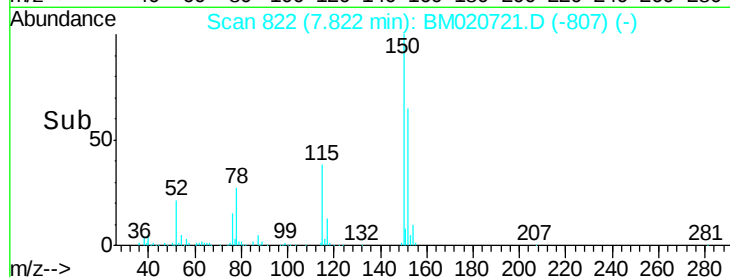
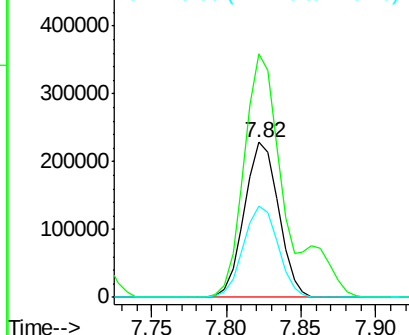
Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.0	189.0
115	59.1	49.6	74.4

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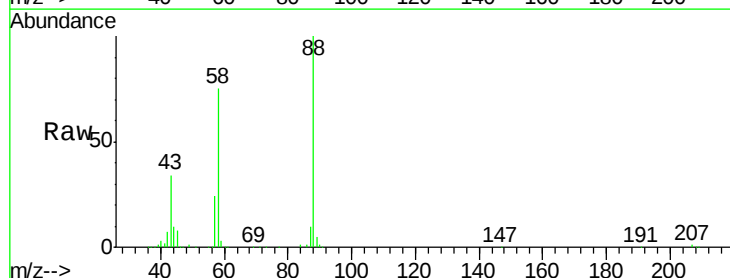
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



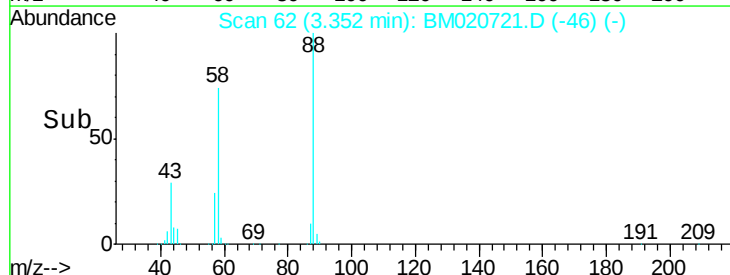
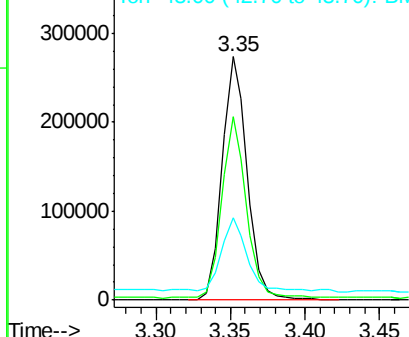
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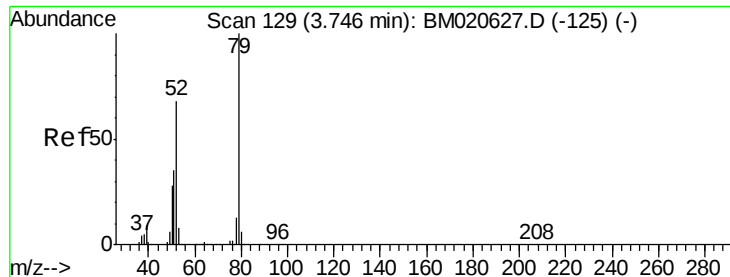
1,4-Dioxane
Concen: 38.513 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	60.2	90.4
43	30.1	25.3	37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 32.154 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

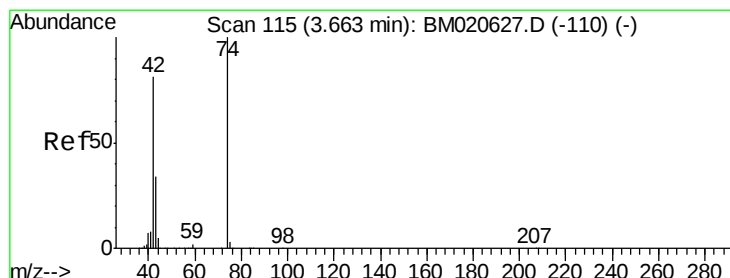
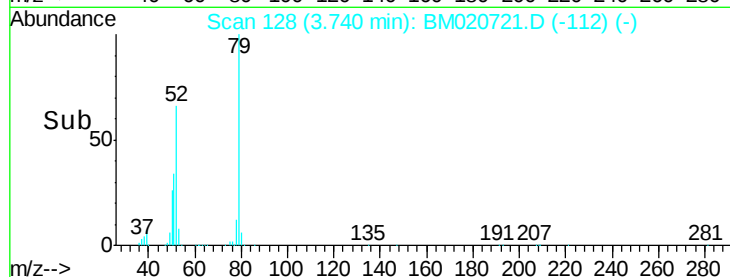
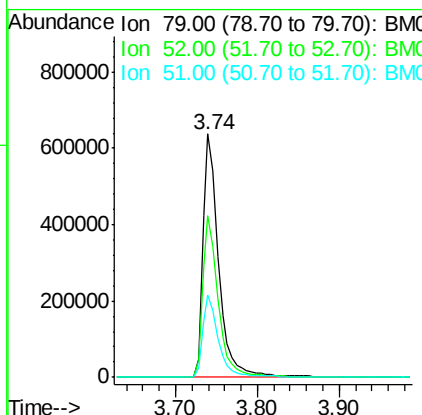
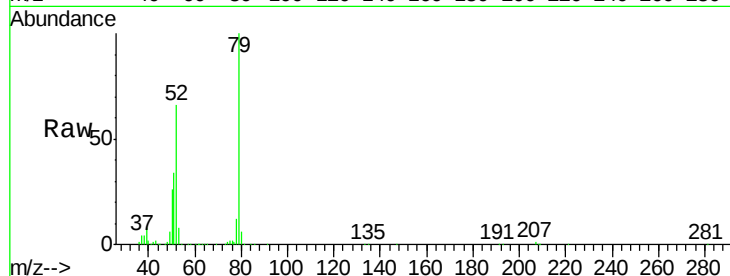
ClientSampleId :

PB120082BSD

Tgt Ion:	79	Resp:	861531
Ion	Ratio	Lower	Upper
79	100		
52	66.2	54.1	81.1
51	33.8	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 35.172 ng

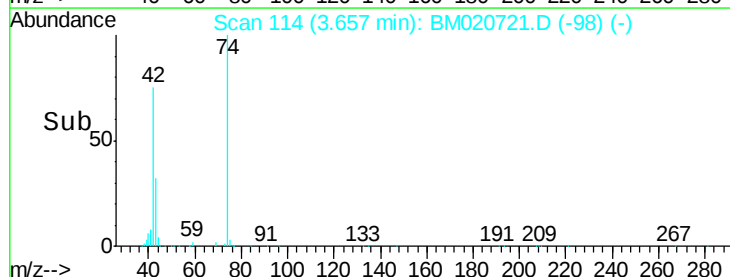
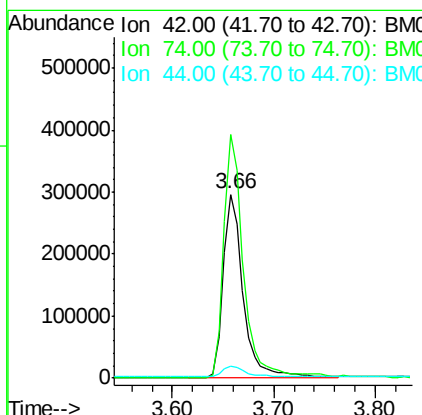
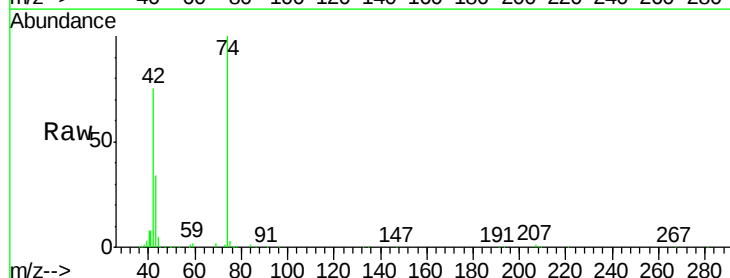
RT: 3.66 min Scan# 114

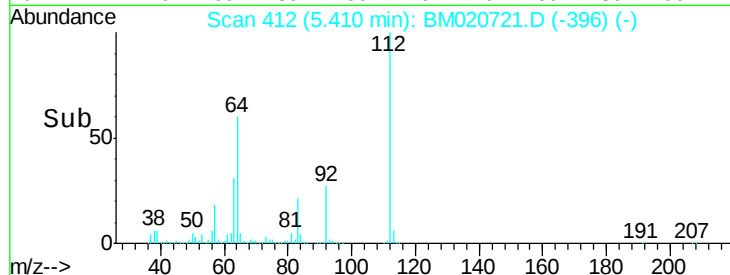
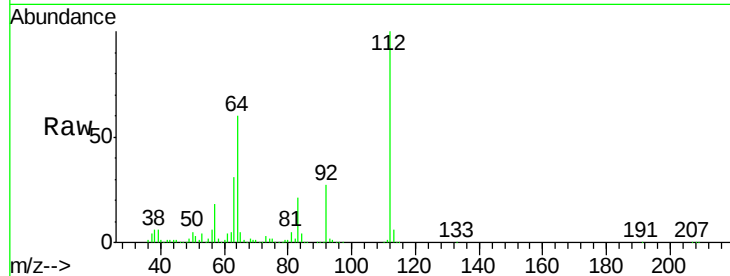
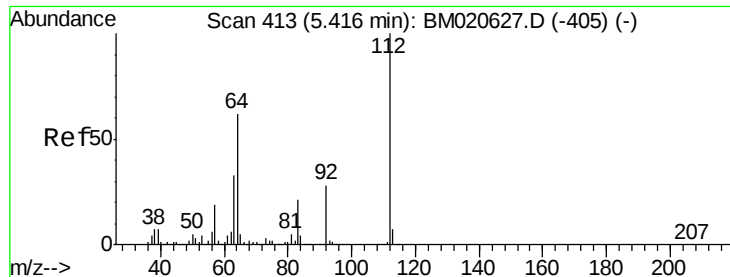
Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion:	42	Resp:	406249
Ion	Ratio	Lower	Upper
42	100		
74	132.7	99.4	149.0
44	6.7	5.8	8.8





#5

2-Fluorophenol

Concen: 82.939 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion:	112	Resp:	1705984
Ion	Ratio	Lower	Upper
112	100		
64	59.6	49.7	74.5
63	30.7	26.4	39.6

Instrument :

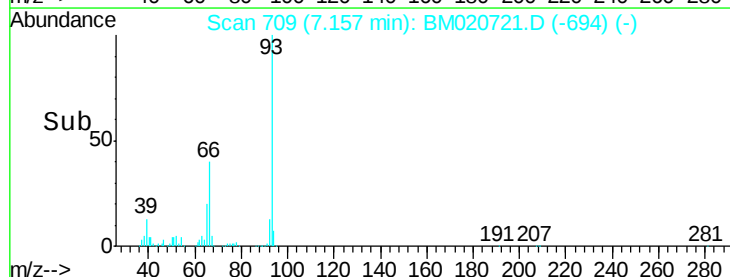
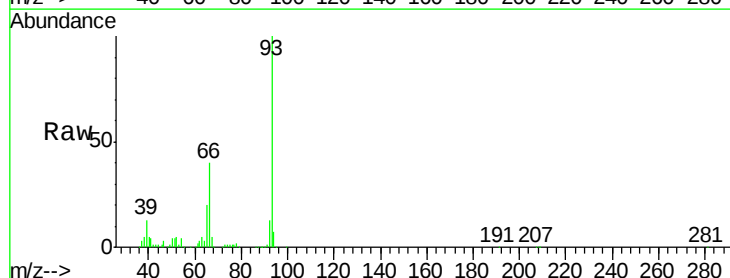
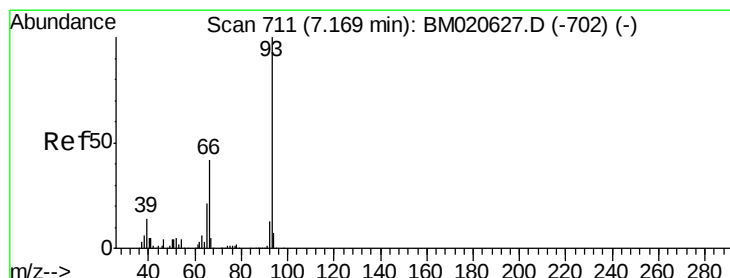
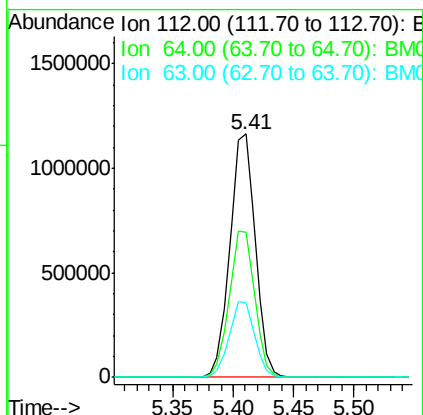
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#6

Aniline

Concen: 24.123 ng

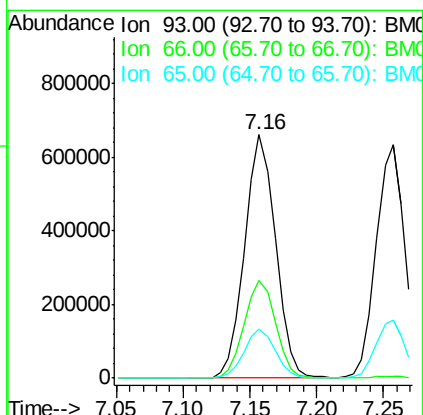
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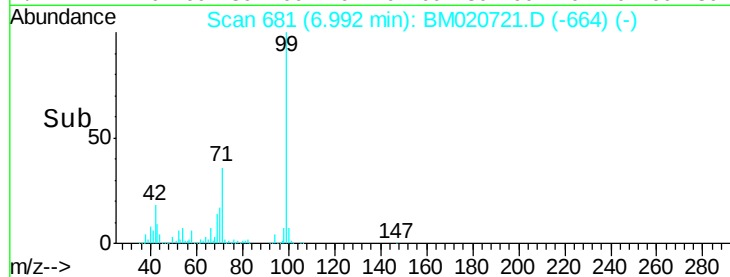
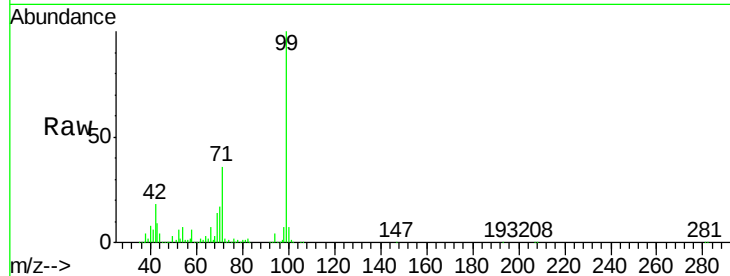
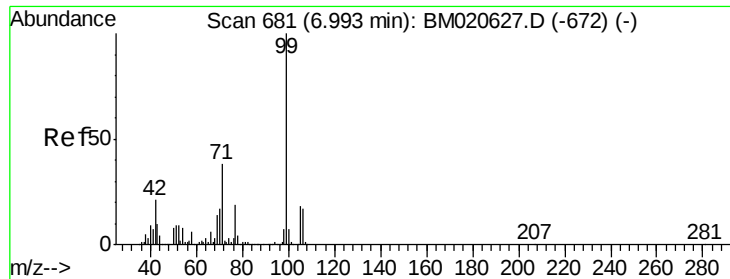
Delta R.T. -0.01 min

Lab File: BM020721.D

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Tgt Ion:	93	Resp:	1057158
Ion	Ratio	Lower	Upper
93	100		
66	40.0	33.6	50.4
65	20.0	16.7	25.1





#7

Phenol-d6

Concen: 73.767 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion: 99 Resp: 2234200

Ion Ratio Lower Upper

99 100

42 18.4 16.5 24.7

71 36.4 30.7 46.1

Instrument :

BNA_M

ClientSampleId :

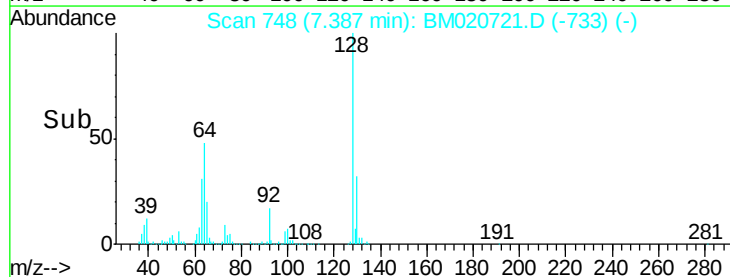
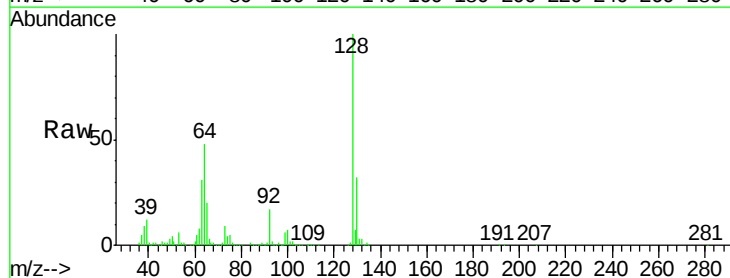
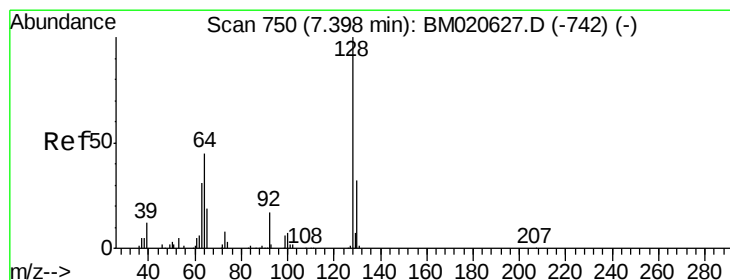
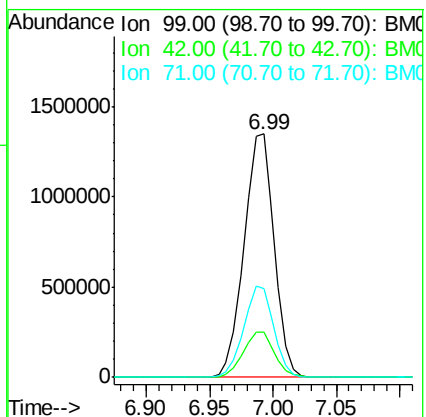
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#8

2-Chlorophenol

Concen: 40.244 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

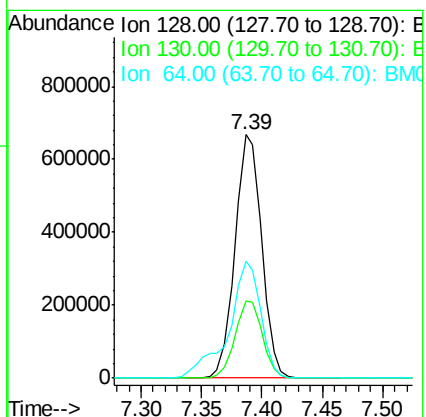
Tgt Ion: 128 Resp: 1029786

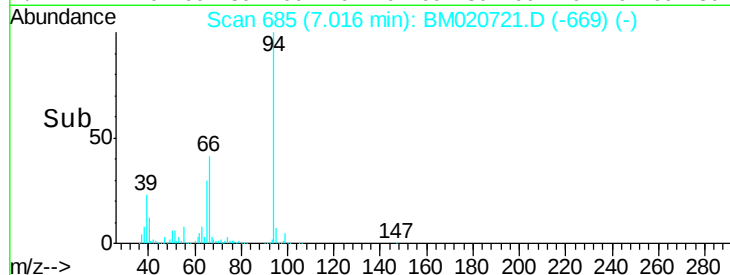
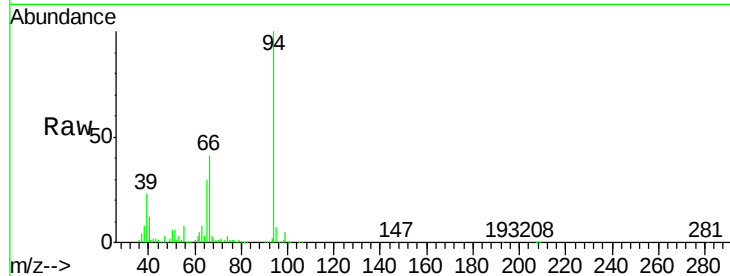
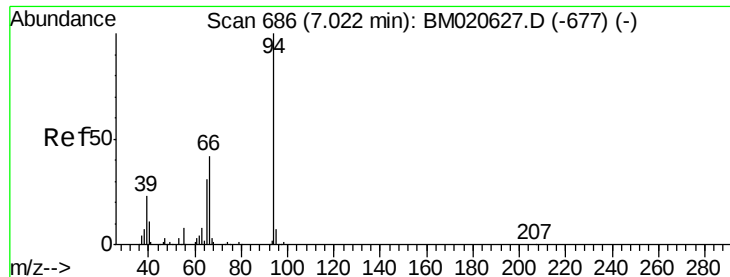
Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

64 48.3 29.1 69.1





#10

Phenol

Concen: 38.301 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion: 94 Resp: 1250114

Ion Ratio Lower Upper

94 100

65 29.9 10.7 50.7

66 40.7 22.3 62.3

Instrument :

BNA_M

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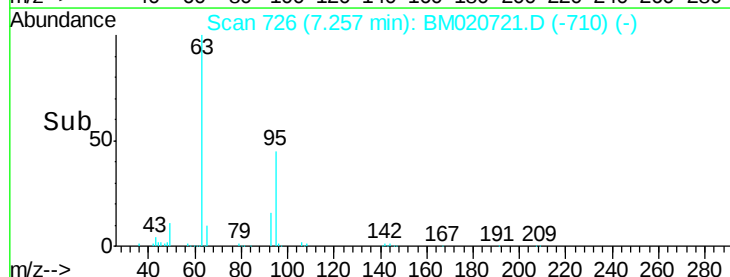
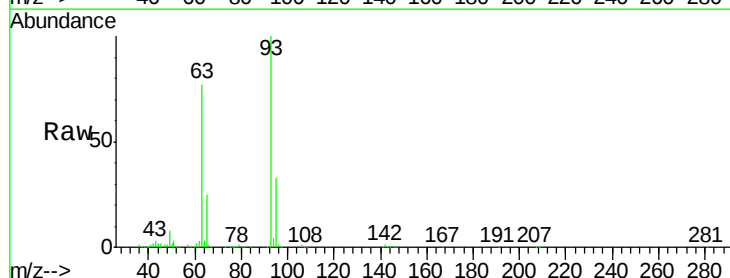
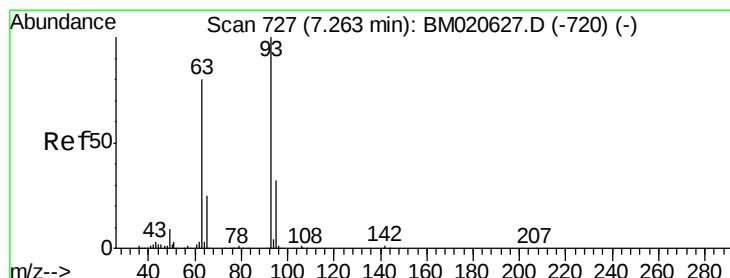
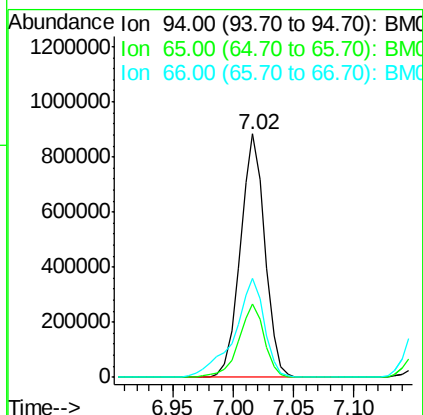
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#11

bis(2-Chloroethyl)ether

Concen: 35.814 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

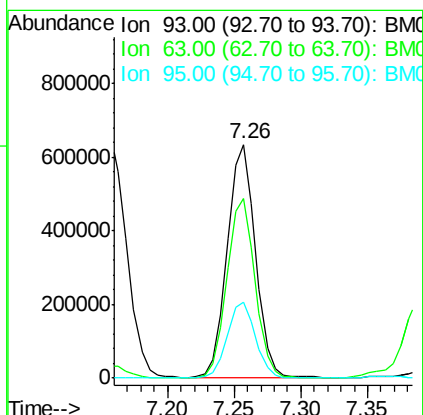
Tgt Ion: 93 Resp: 931581

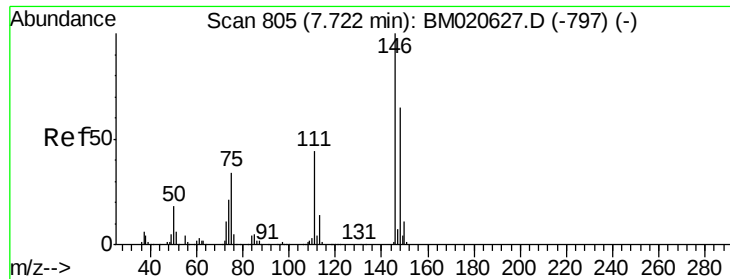
Ion Ratio Lower Upper

93 100

63 76.7 60.0 100.0

95 32.6 12.2 52.2





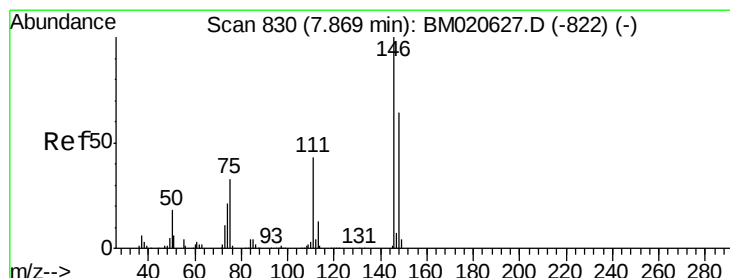
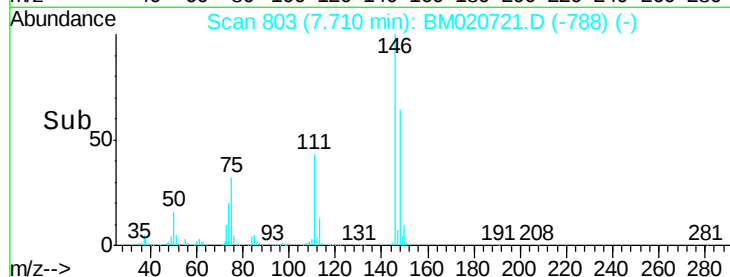
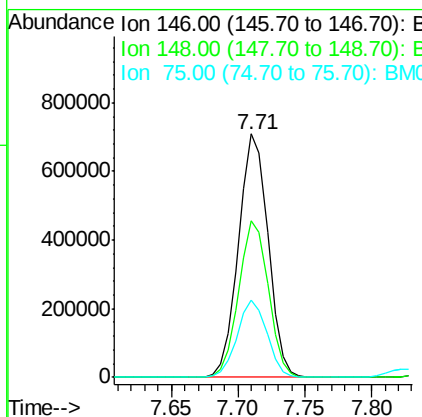
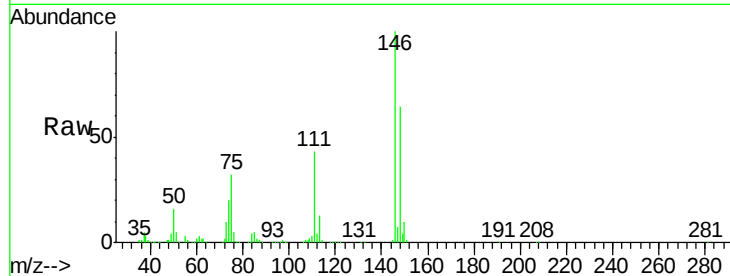
#12
 1,3-Dichlorobenzene
 Concen: 37.105 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion:146 Resp: 1091217
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.0 78.0
 75 31.8 27.0 40.4

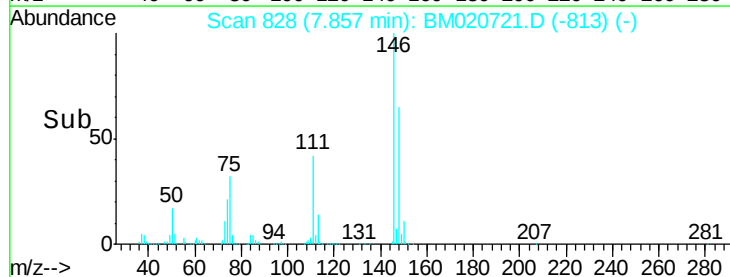
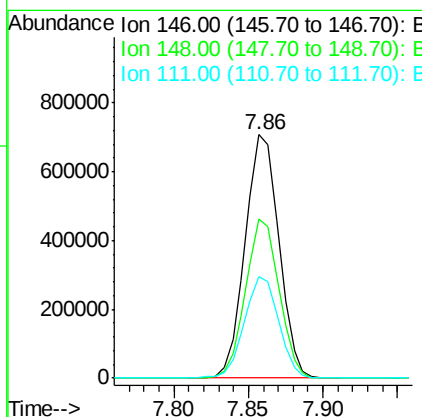
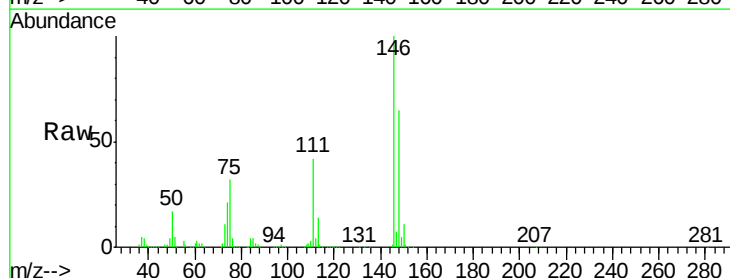
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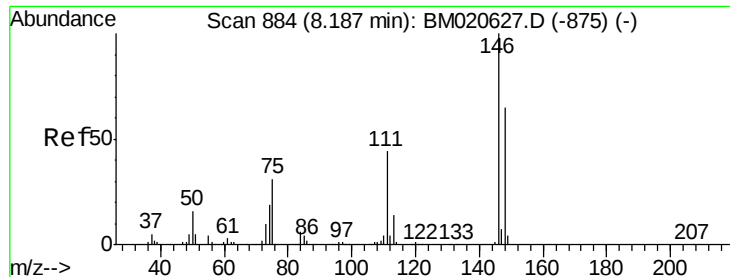
mohammad
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#13
 1,4-Dichlorobenzene
 Concen: 37.077 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:146 Resp: 1108486
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.0 76.4
 111 41.7 34.4 51.6





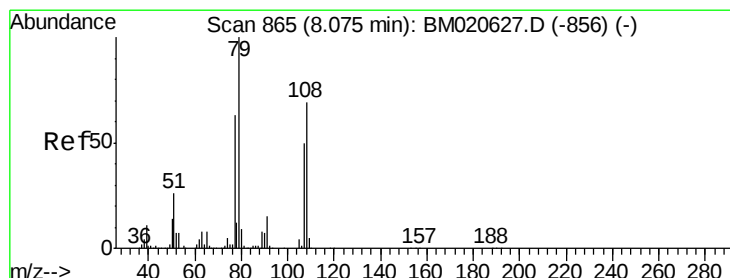
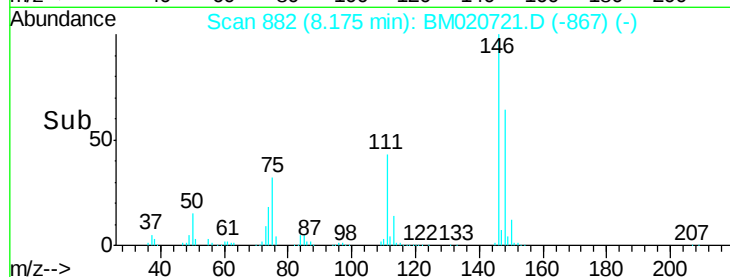
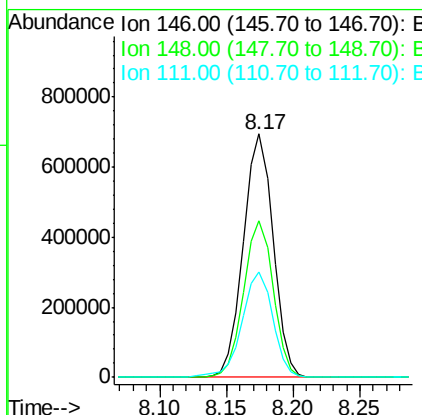
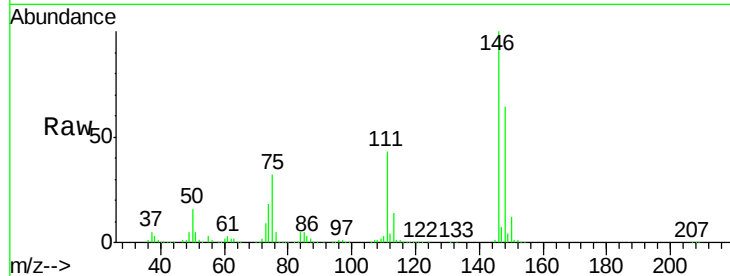
#14
1,2-Dichlorobenzene
Concen: 36.791 ng
RT: 8.17 min Scan# 882
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
111	43.1	35.1	52.7

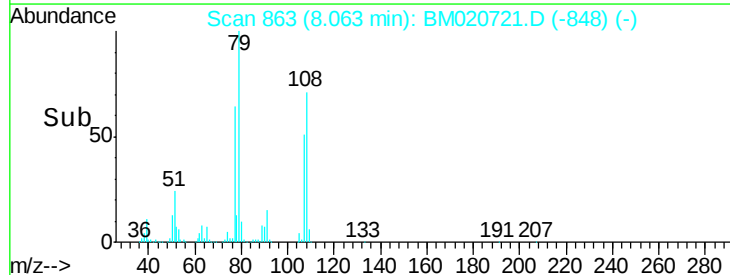
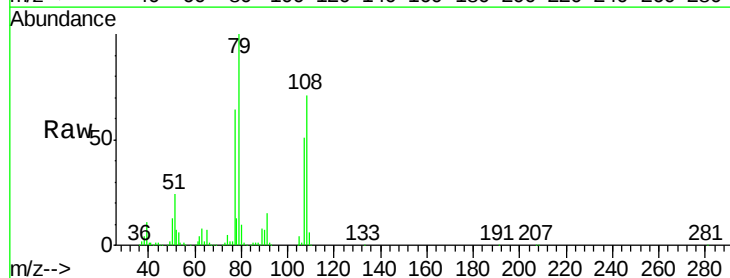
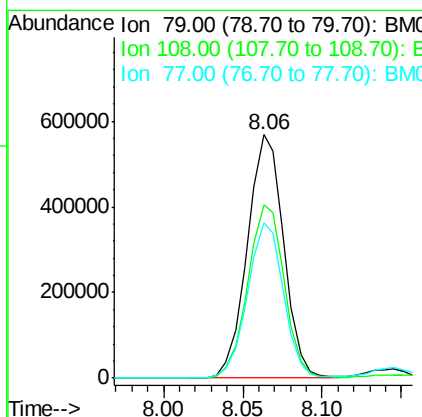
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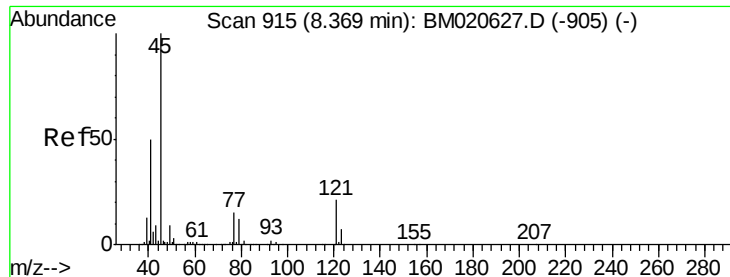
mohammad
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#15
Benzyl Alcohol
Concen: 33.801 ng
RT: 8.06 min Scan# 863
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
79	100		
108	71.1	54.9	82.3
77	63.6	50.2	75.4





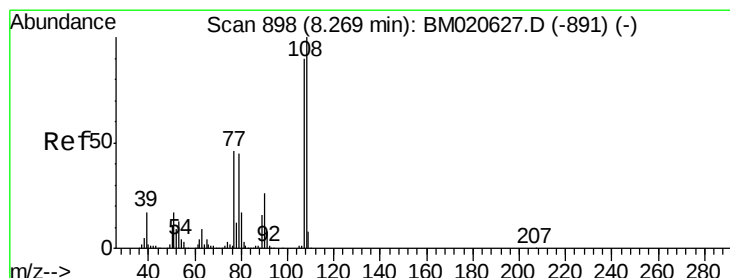
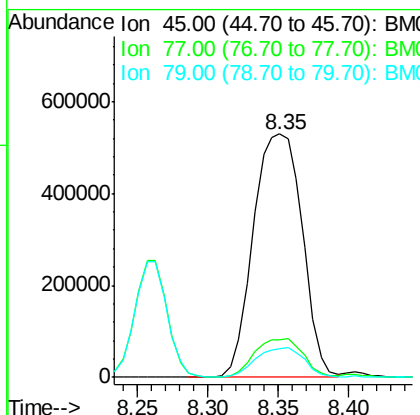
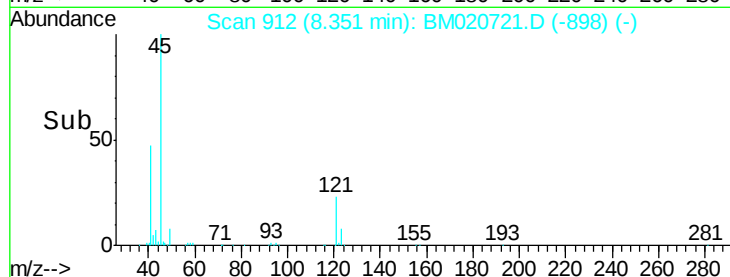
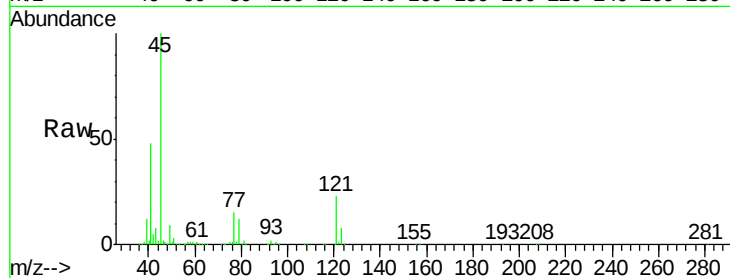
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 31.941 ng
 RT: 8.35 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion: 45 Resp: 1282740
 Ion Ratio Lower Upper
 45 100
 77 15.2 0.0 34.9
 79 11.7 0.0 31.8

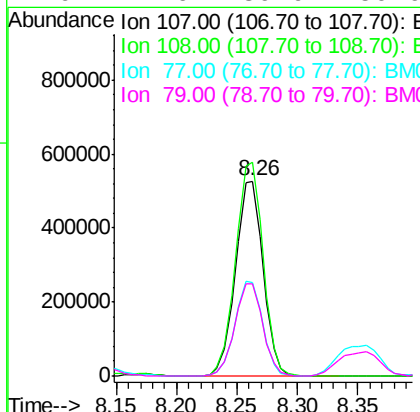
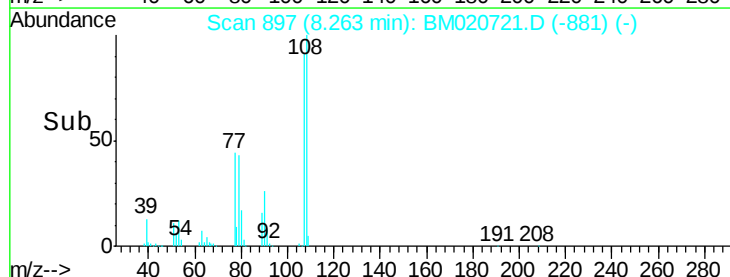
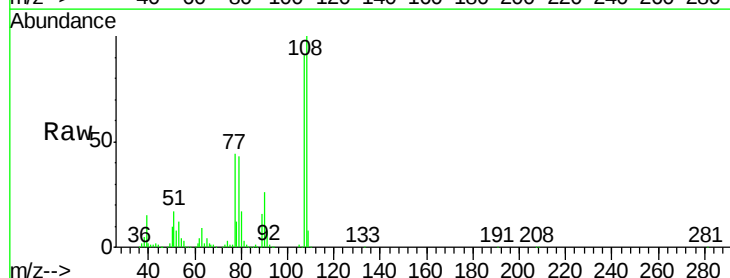
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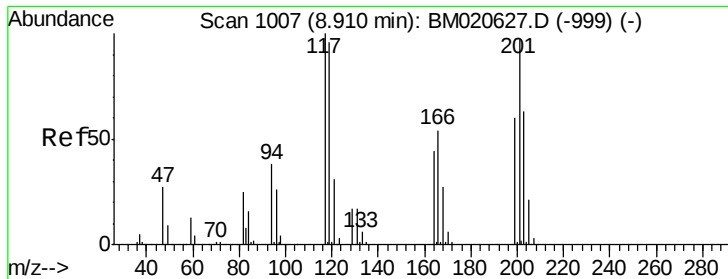
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#17
 2-Methylphenol
 Concen: 36.590 ng
 RT: 8.26 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion: 107 Resp: 839800
 Ion Ratio Lower Upper
 107 100
 108 109.8 88.6 133.0
 77 48.2 40.6 61.0
 79 47.6 39.9 59.9





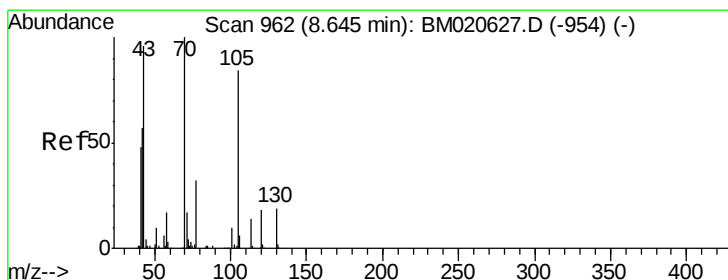
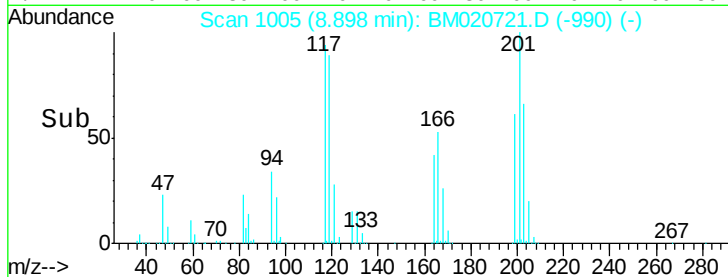
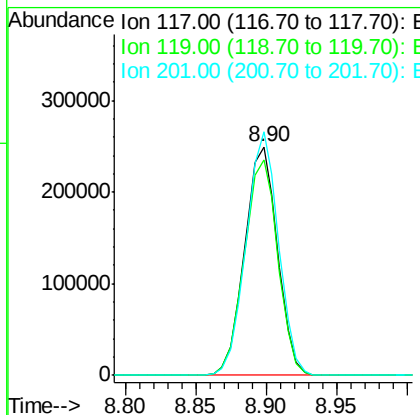
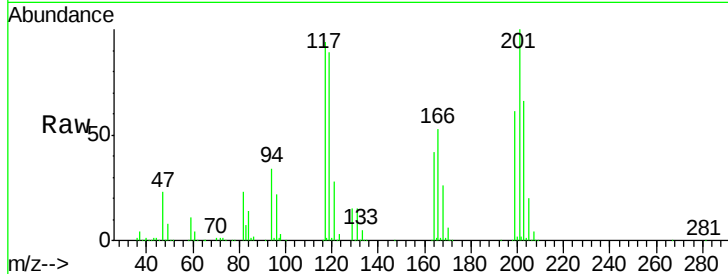
#18
Hexachloroethane
Concen: 35.600 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	407492		
119	94.5	76.7	115.1	
201	106.7	77.9	116.9	

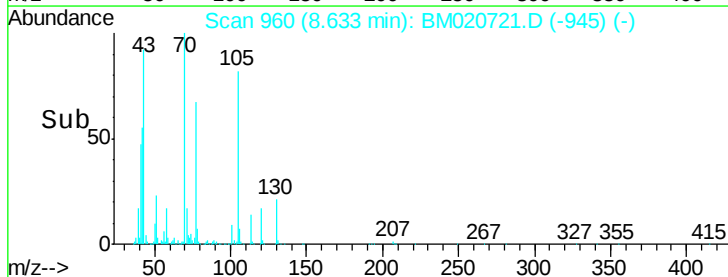
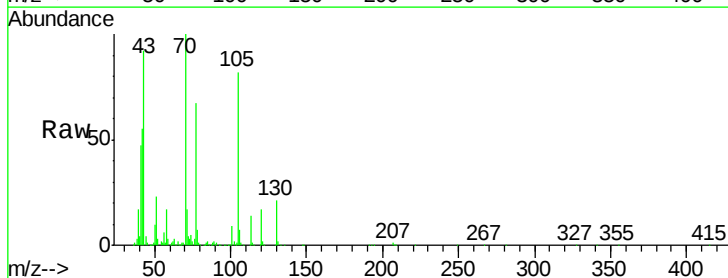
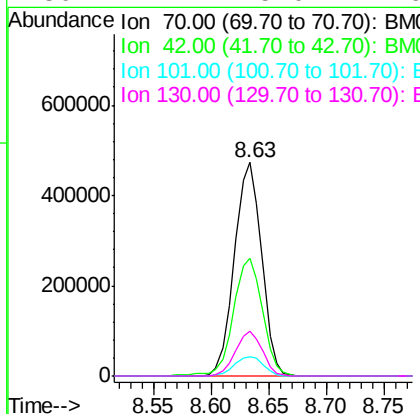
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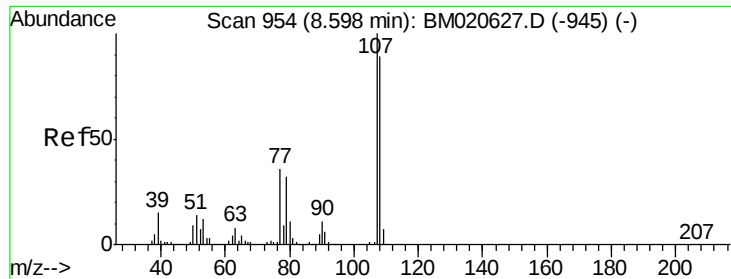
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#19
n-Nitroso-di-n-propylamine
Concen: 31.766 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	773380		
42	55.2	46.8	70.2	
101	9.2	7.8	11.6	
130	21.1	15.0	22.6	





#20

3+4-Methylphenols

Concen: 35.256 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tgt Ion:107 Resp: 1100923

Ion Ratio Lower Upper

107 100

108 85.7 69.2 109.2

77 34.6 16.2 56.2

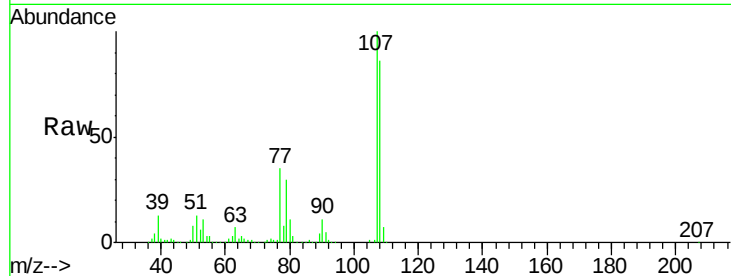
79 29.8 12.5 52.5

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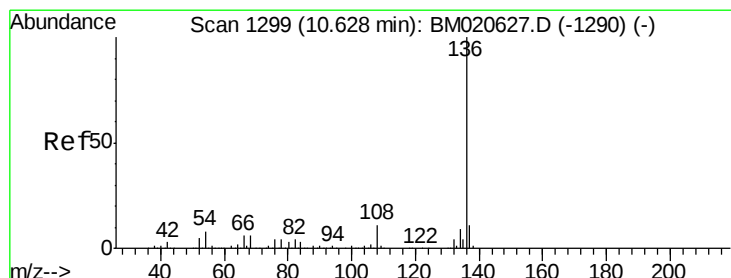
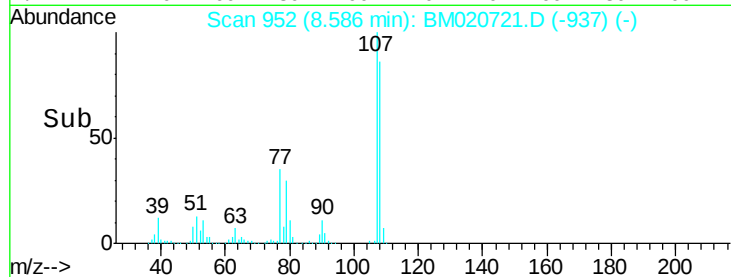
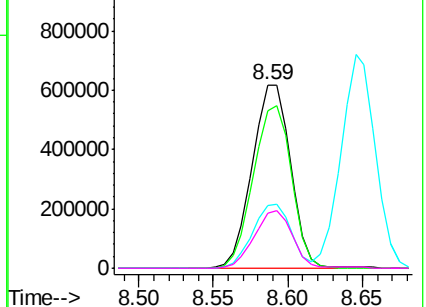


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion:136 Resp: 1404086

Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.7 6.6 10.0

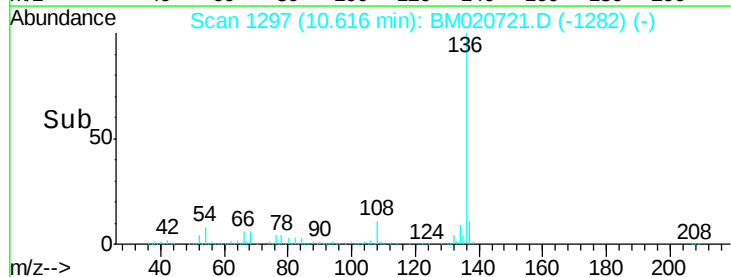
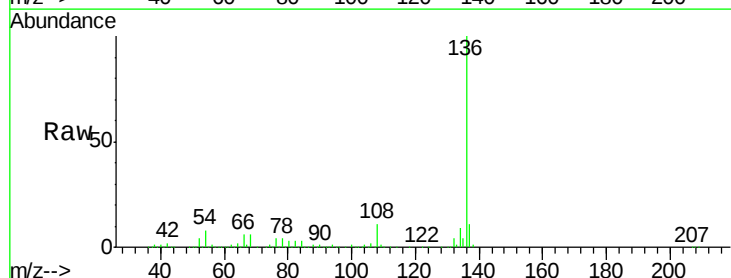
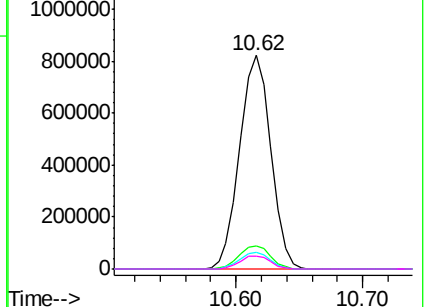
68 6.3 5.1 7.7

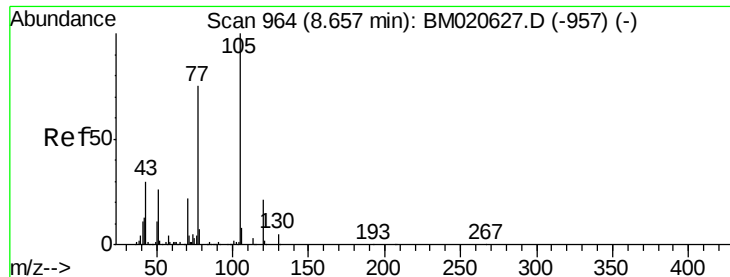
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM





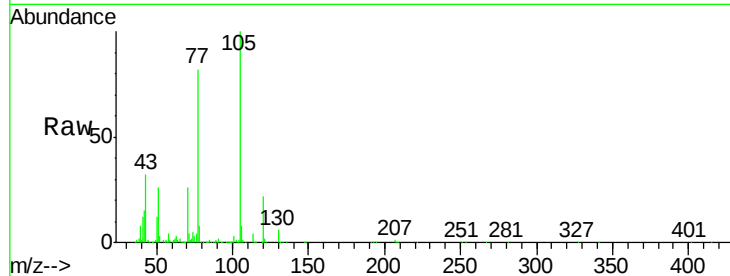
#22
Acetophenone
Concen: 40.156 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.4	3.2	4.8
51	26.4	22.8	34.2
120	22.0	17.0	25.4

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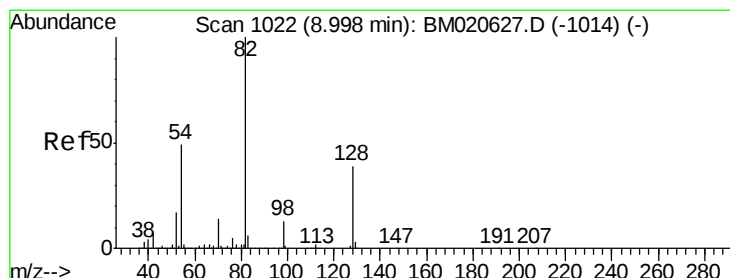
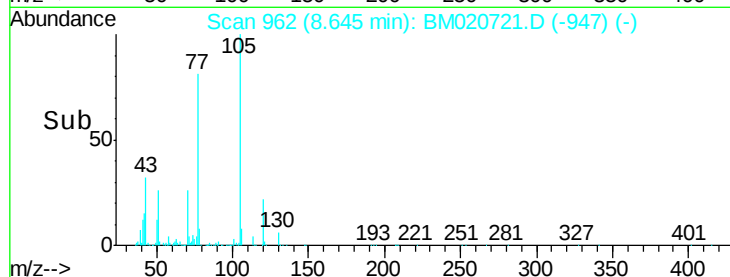
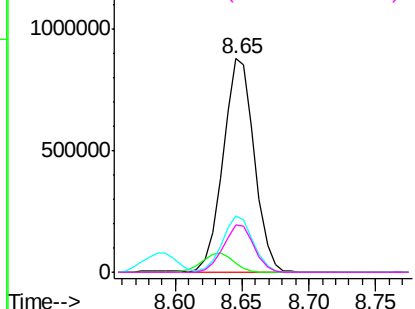


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

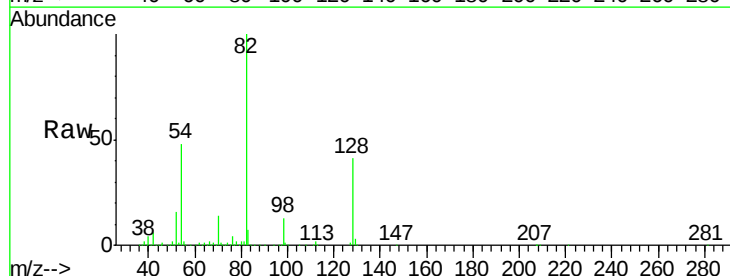
Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23
Nitrobenzene-d5
Concen: 71.970 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

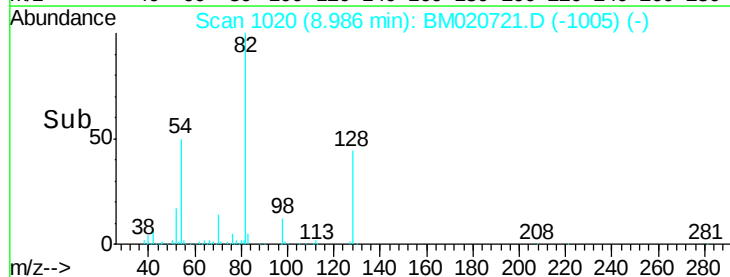
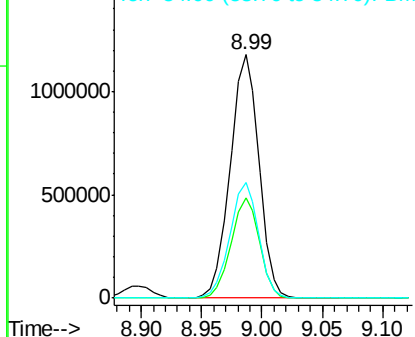
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	31.5	47.3
54	47.7	39.4	59.0

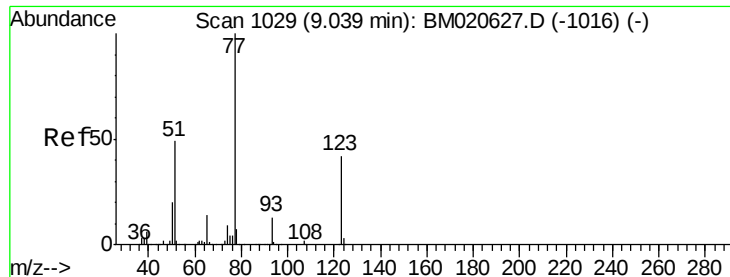


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





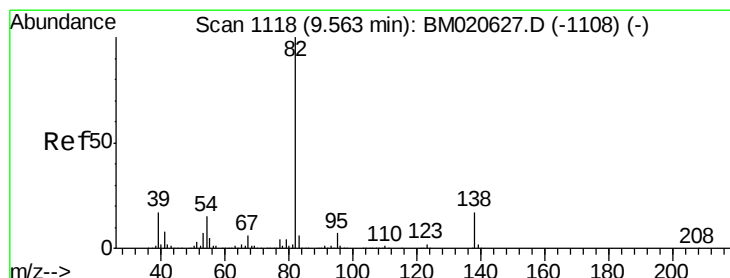
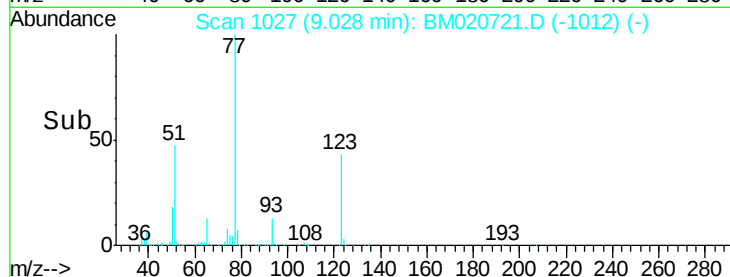
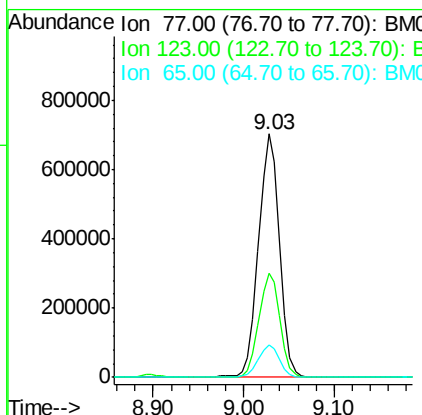
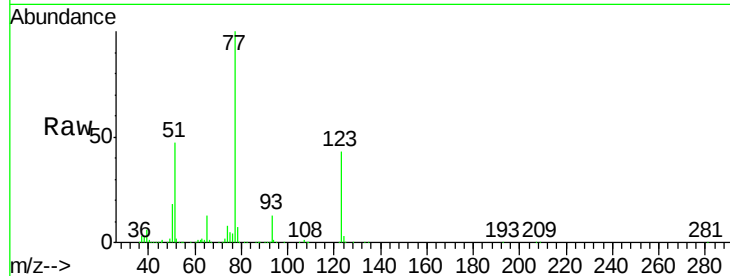
#24
 Nitrobenzene
 Concen: 40.544 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	33.7	50.5
65	13.2	11.0	16.6

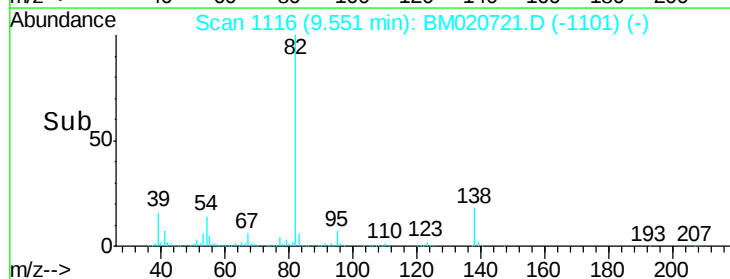
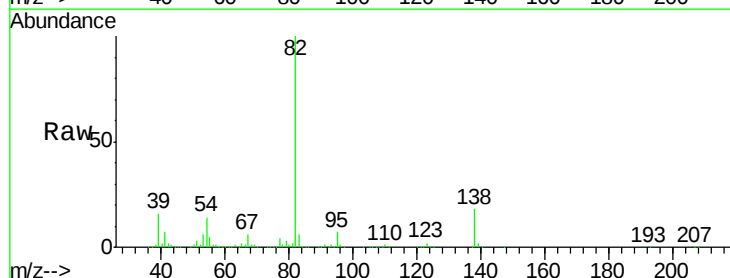
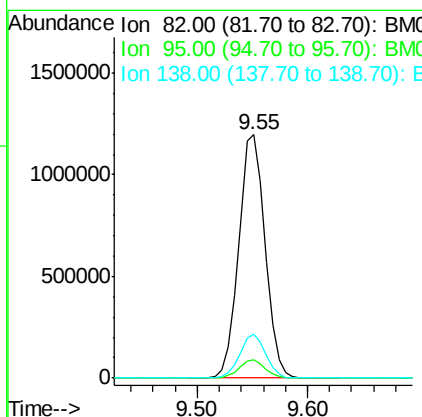
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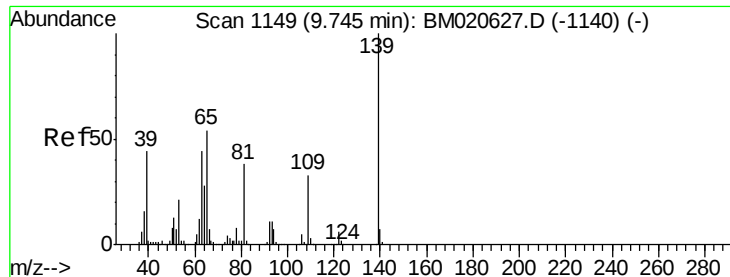
mohammad
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#25
 Isophorone
 Concen: 37.319 ng
 RT: 9.55 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	18.0	13.8	20.8





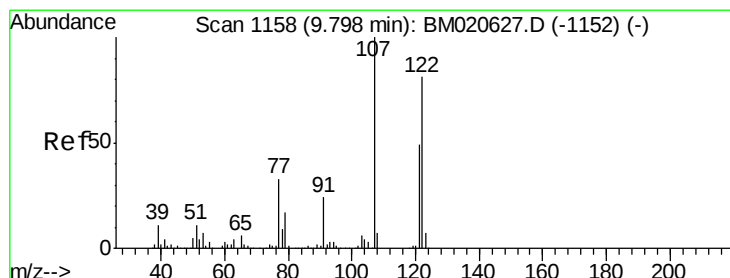
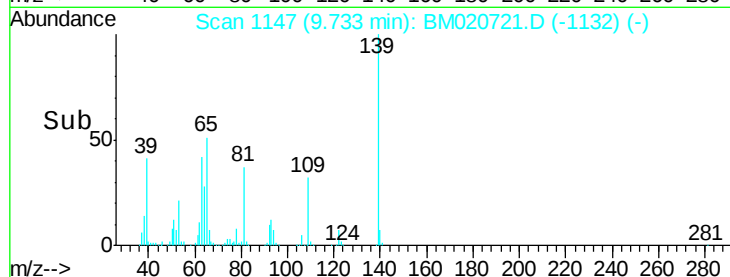
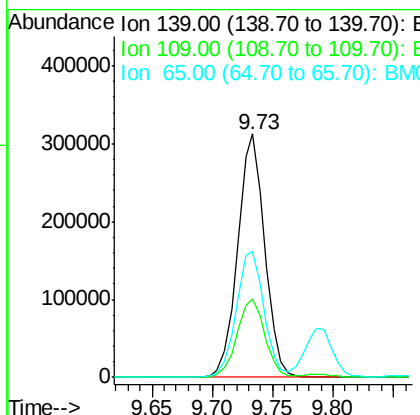
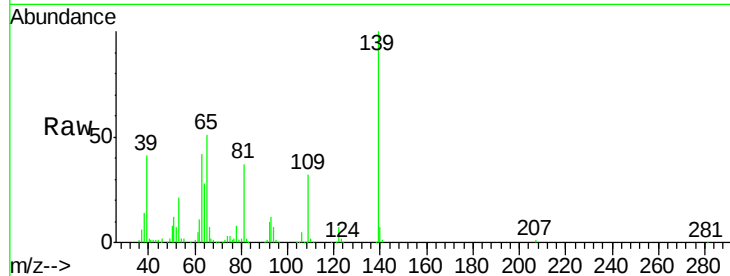
#26
2-Nitrophenol
Concen: 47.295 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	487646		
109	32.2	26.1	39.1	
65	51.5	43.4	65.0	

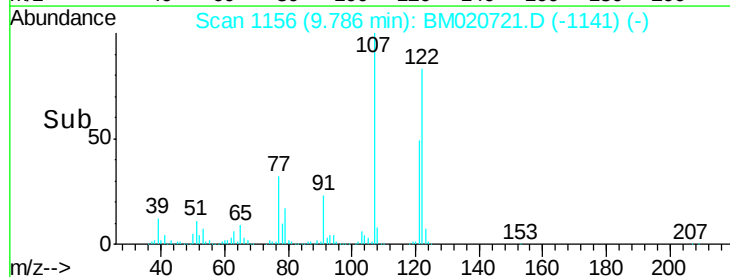
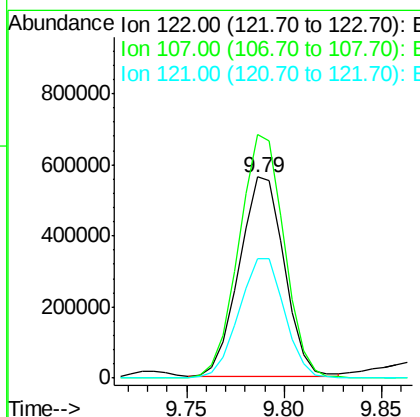
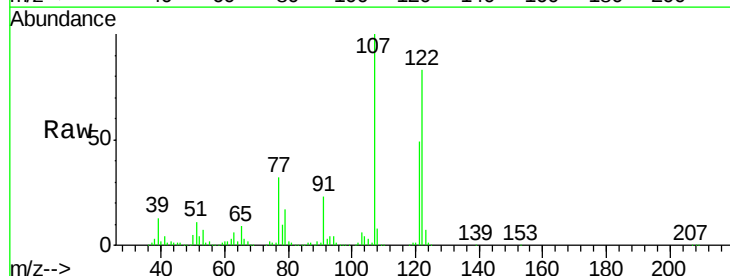
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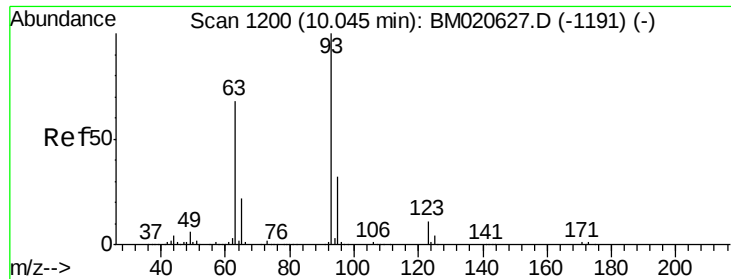
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#27
2,4-Dimethylphenol
Concen: 46.618 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	900693		
107	121.1	98.0	147.0	
121	59.4	48.2	72.4	





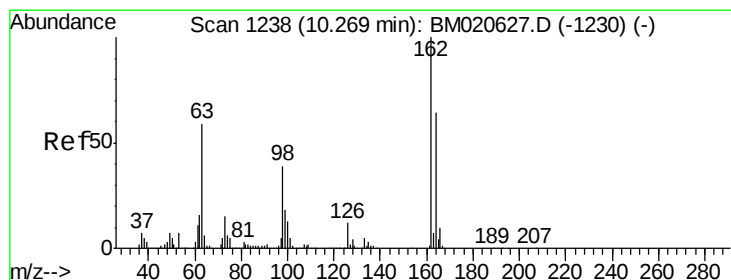
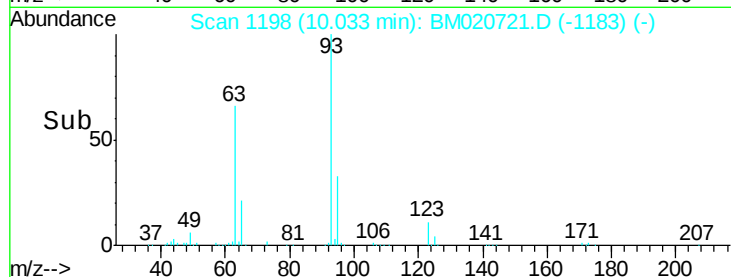
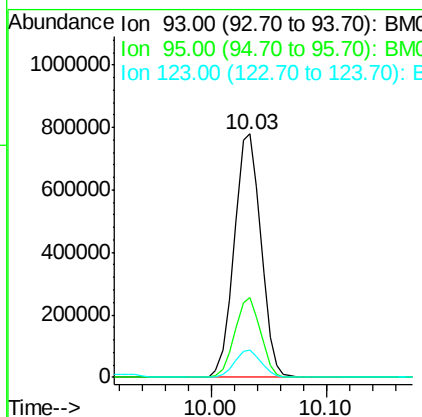
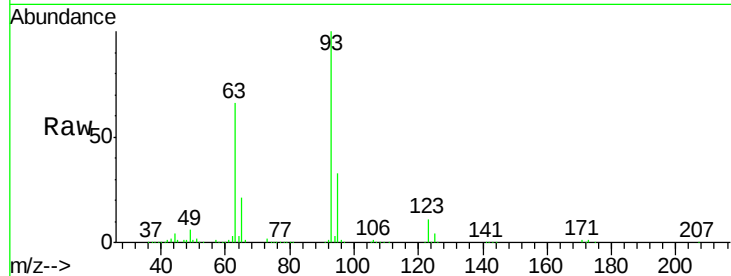
#28
bis(2-Chloroethoxy)methane
Concen: 38.206 ng
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion: 93 Resp: 1245262
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 11.2 9.0 13.6

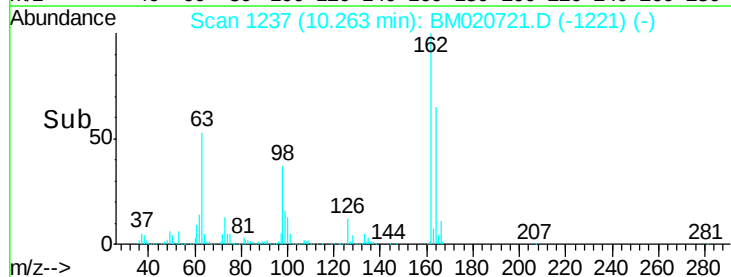
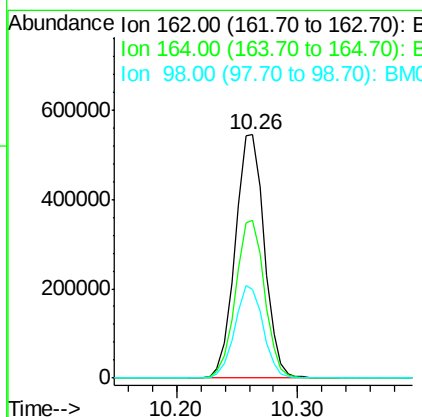
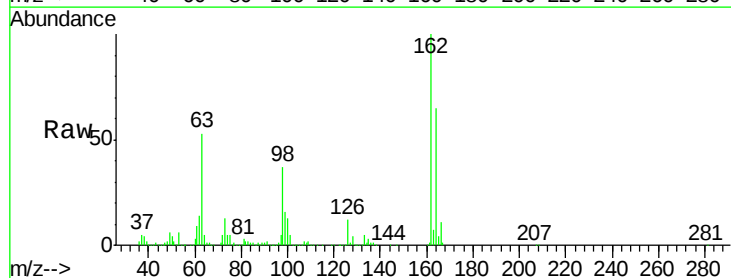
Manual Integrations
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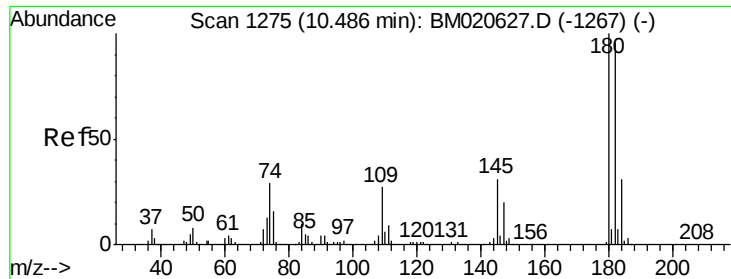
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#29
2,4-Dichlorophenol
Concen: 43.082 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion: 162 Resp: 920916
Ion Ratio Lower Upper
162 100
164 64.7 43.8 83.8
98 36.7 19.1 59.1





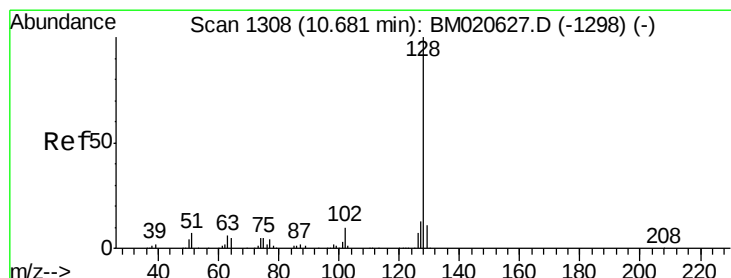
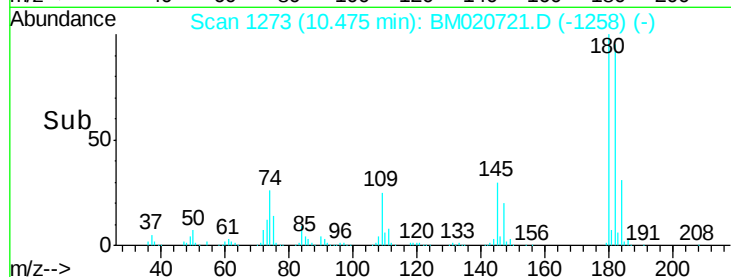
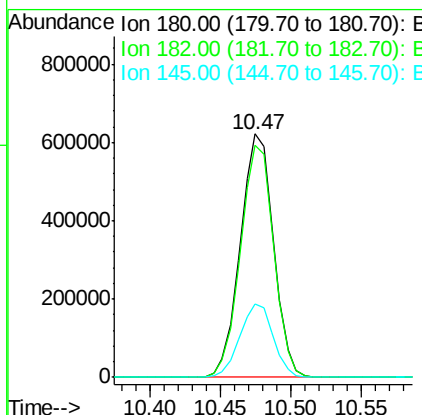
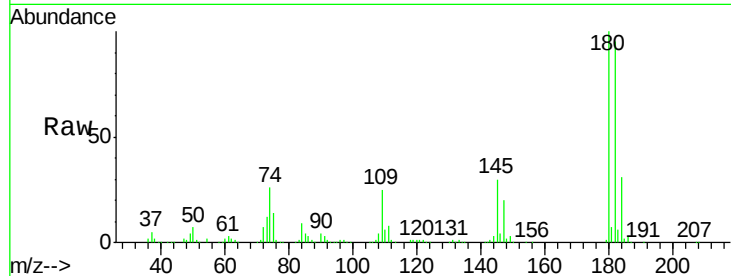
#30
 1,2,4-Trichlorobenzene
 Concen: 41.615 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.6
145	30.1	25.0	37.4

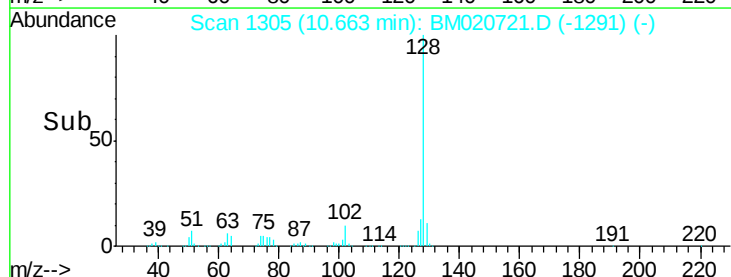
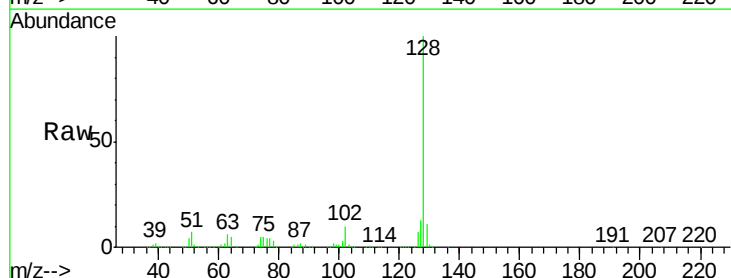
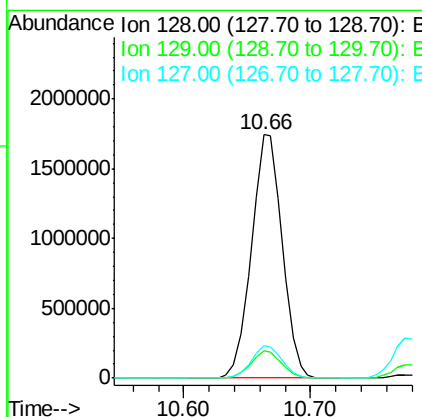
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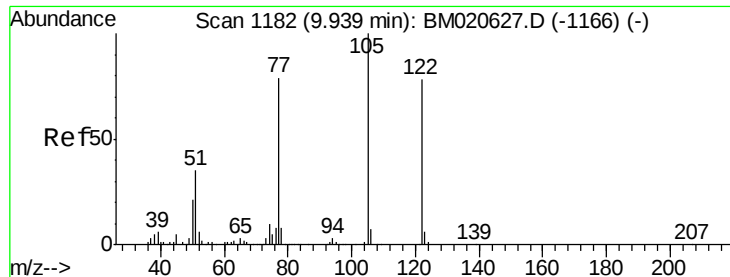
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#31
 Naphthalene
 Concen: 40.773 ng
 RT: 10.66 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.3	10.3	15.5





#32

Benzoic acid

Concen: 42.454 ng m

RT: 9.93 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

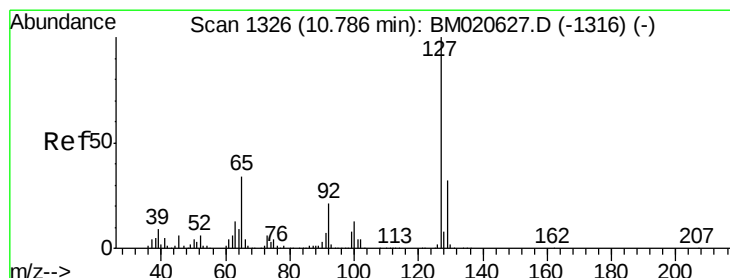
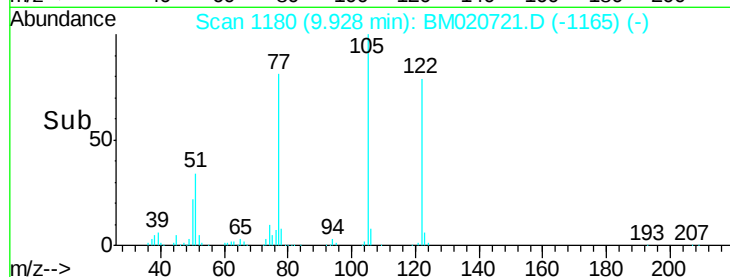
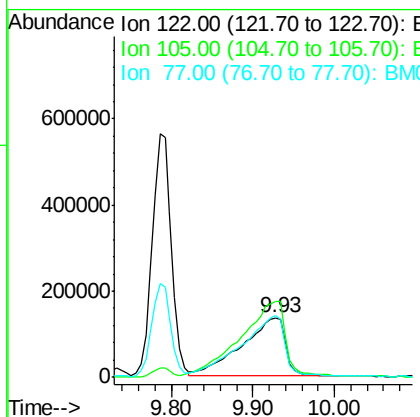
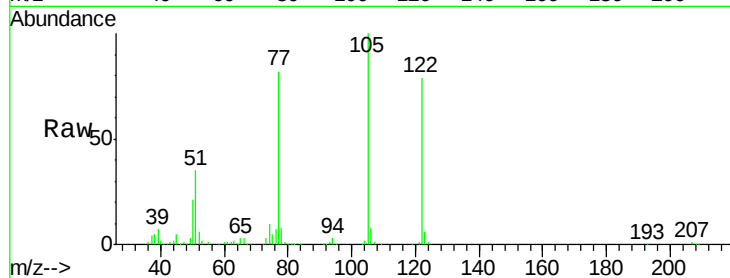
ClientSampleId :

PB120082BSD

Tgt Ion:	122	Resp:	508203
Ion Ratio	Lower	Upper	
122	100		
105	126.4	107.0	147.0
77	103.0	80.9	120.9

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#33

4-Chloroaniline

Concen: 14.897 ng

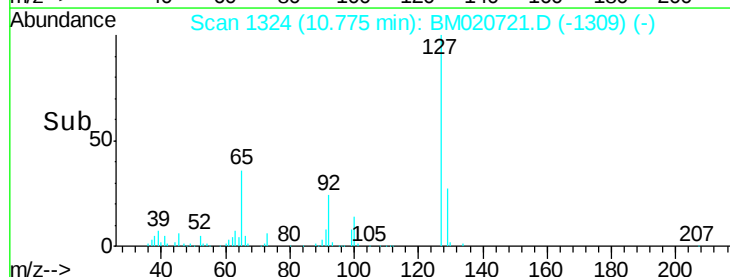
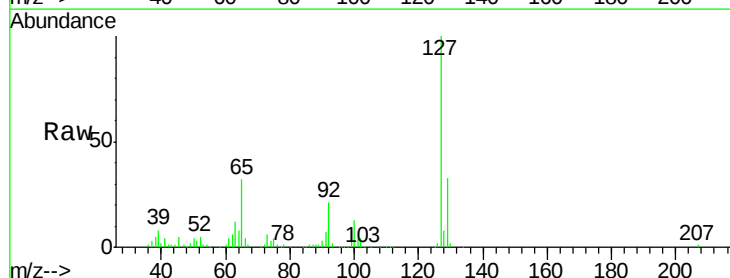
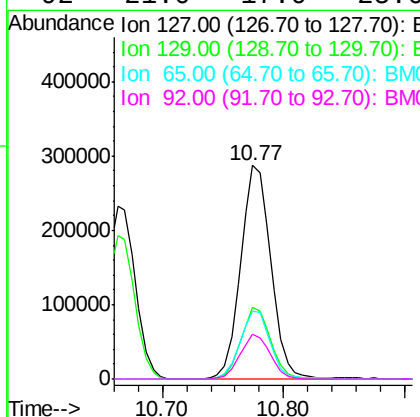
RT: 10.77 min Scan# 1324

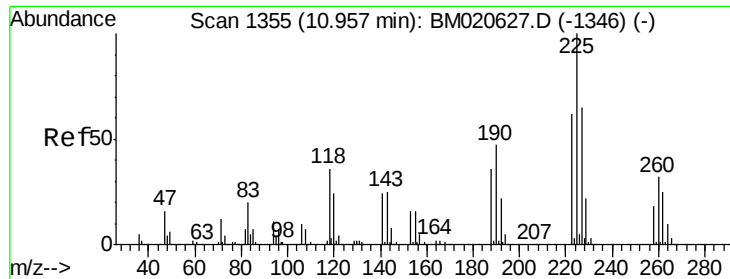
Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion:	127	Resp:	500573
Ion Ratio	Lower	Upper	
127	100		
129	33.4	25.7	38.5
65	31.8	27.4	41.0
92	21.0	17.0	25.6





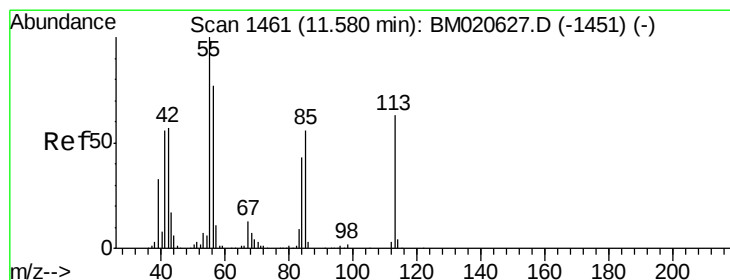
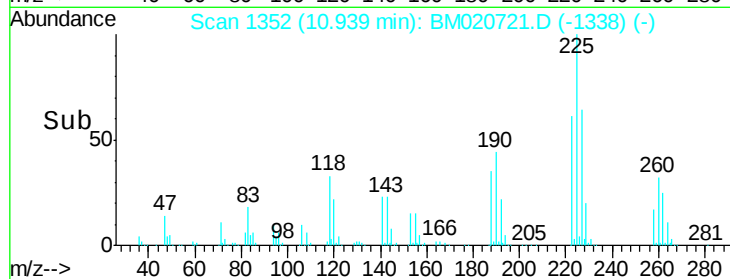
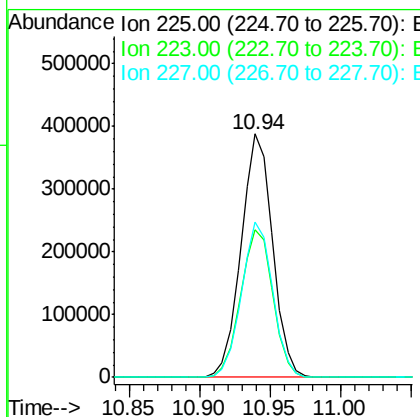
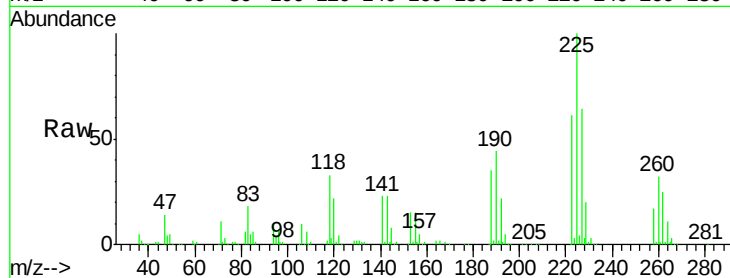
#34
Hexachlorobutadiene
Concen: 41.015 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.7	74.5
227	63.9	51.8	77.8

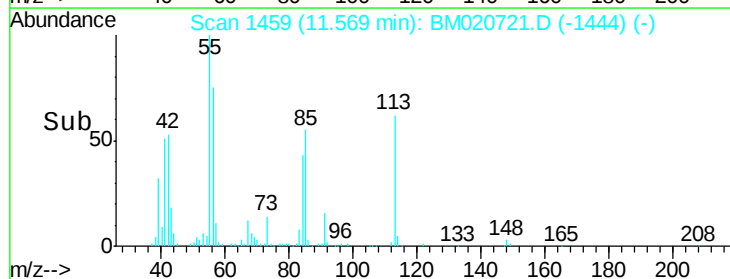
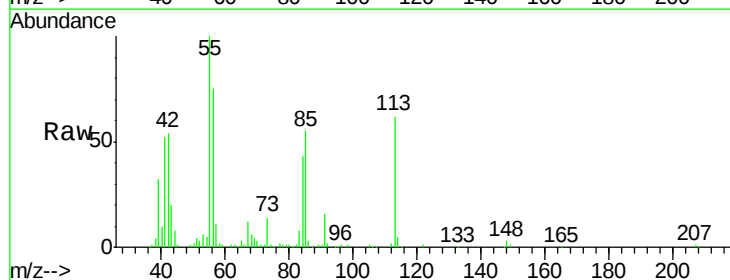
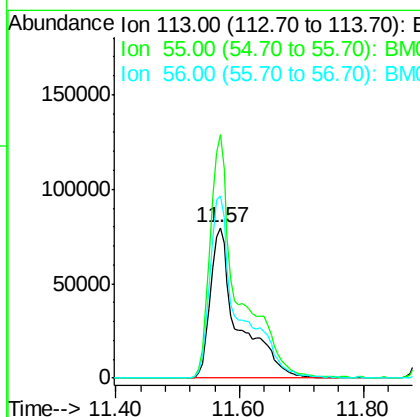
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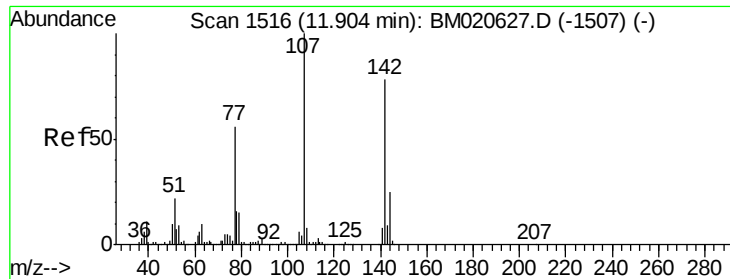
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#35
Caprolactam
Concen: 33.925 ng m
RT: 11.57 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
113	100		
55	161.9	138.6	178.6
56	120.8	102.3	142.3





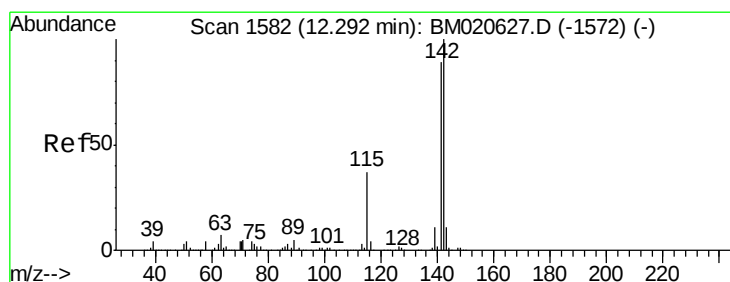
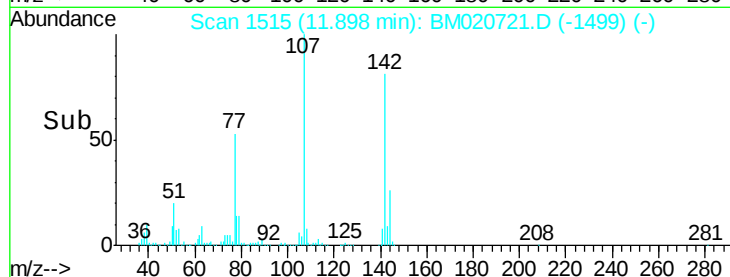
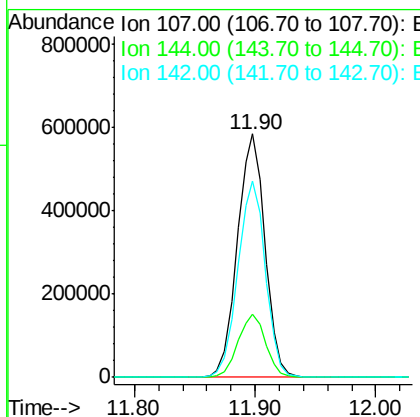
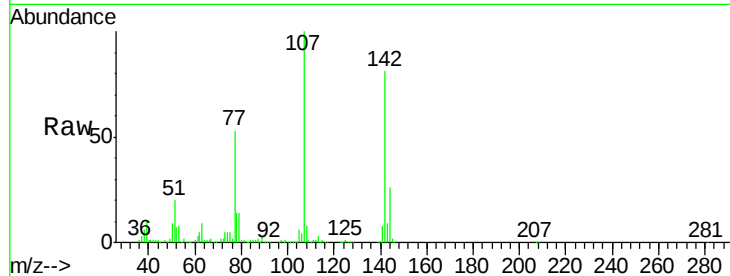
#36
4-Chloro-3-methylphenol
Concen: 37.536 ng
RT: 11.90 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.3	30.5
142	80.6	62.6	93.8

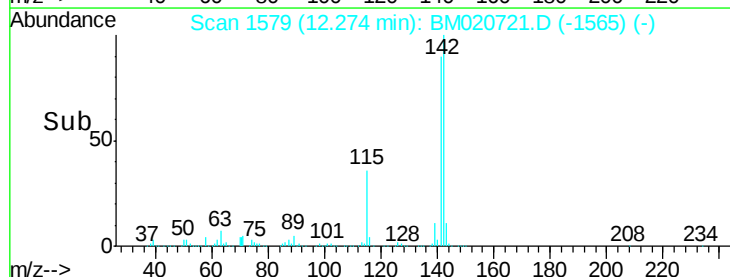
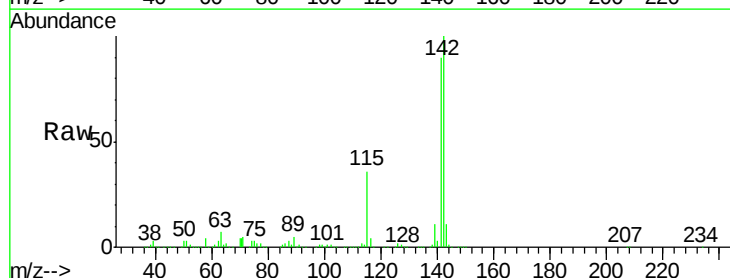
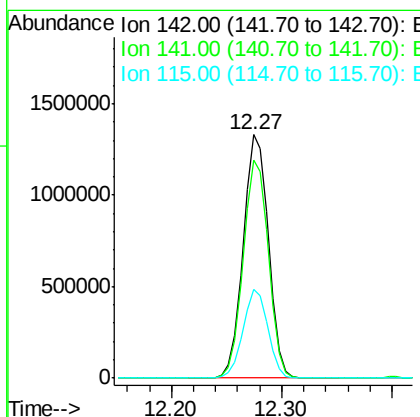
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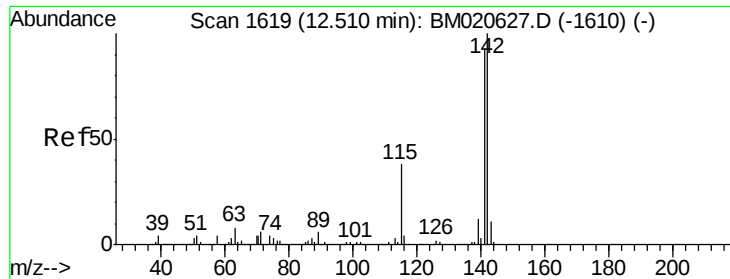
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#37
2-Methylnaphthalene
Concen: 39.866 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.6	107.4
115	36.3	29.6	44.4





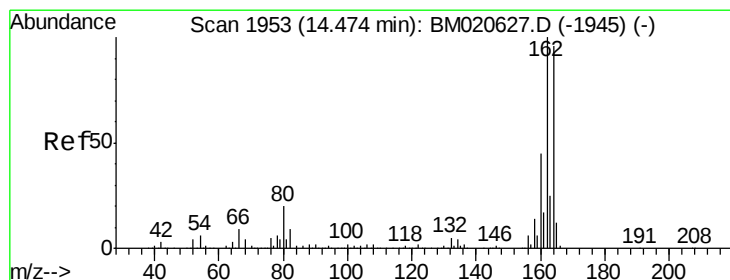
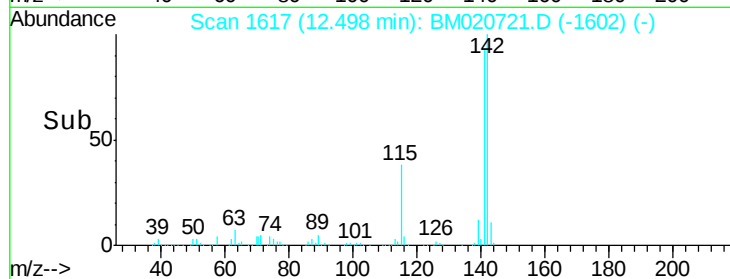
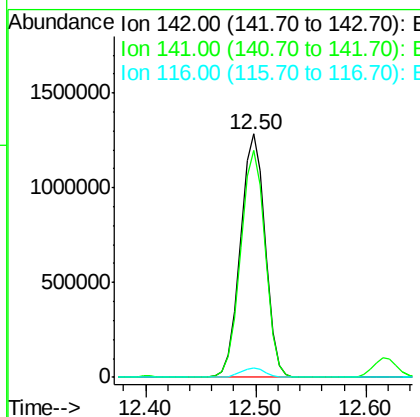
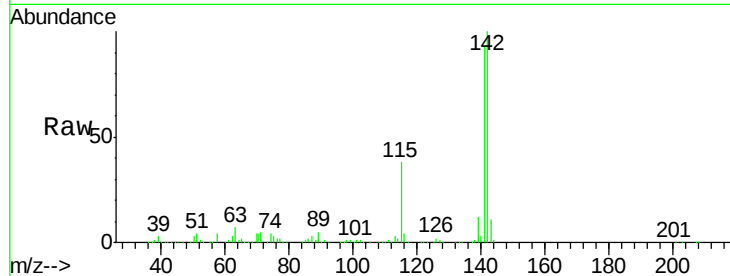
#38
1-Methylnaphthalene
Concen: 39.648 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.9	110.9
116	3.9	3.2	4.8

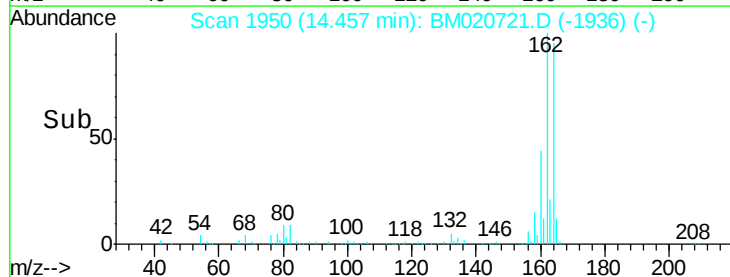
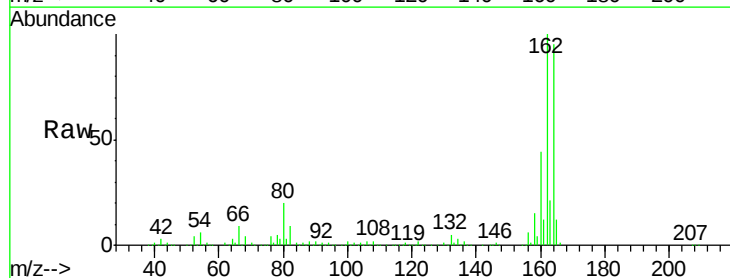
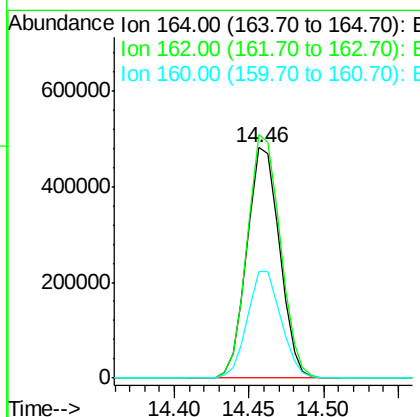
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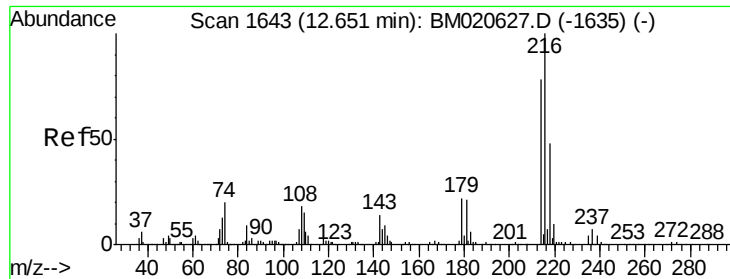
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.2	124.8
160	46.3	37.5	56.3





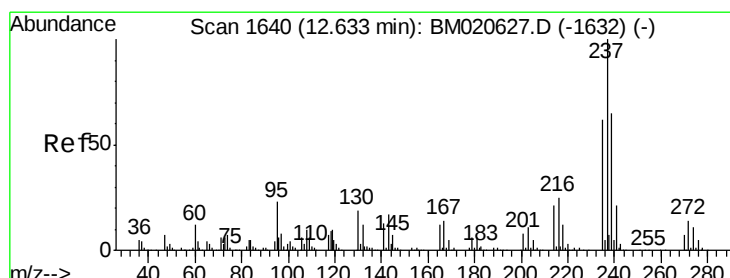
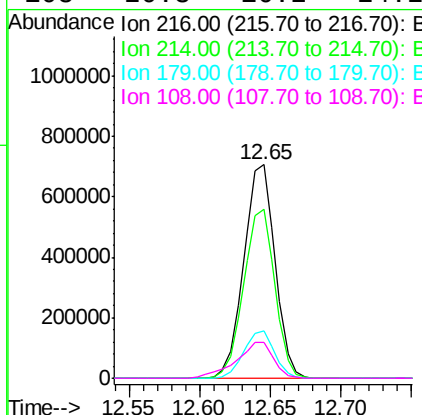
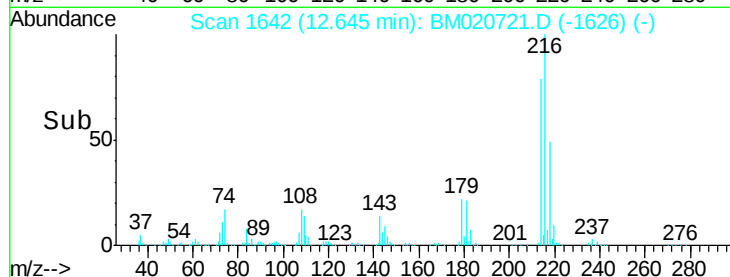
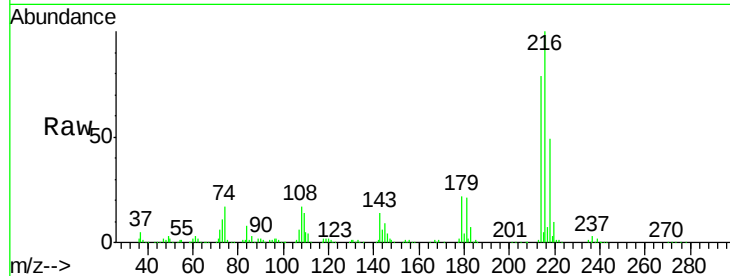
#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.685 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.4
179	21.8	17.9	26.9
108	20.3	16.2	24.2

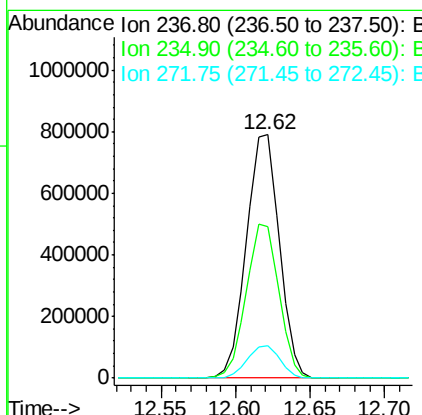
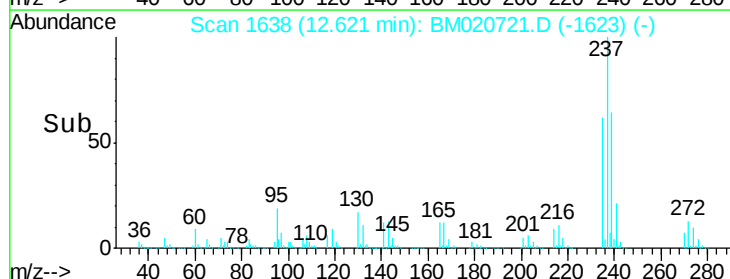
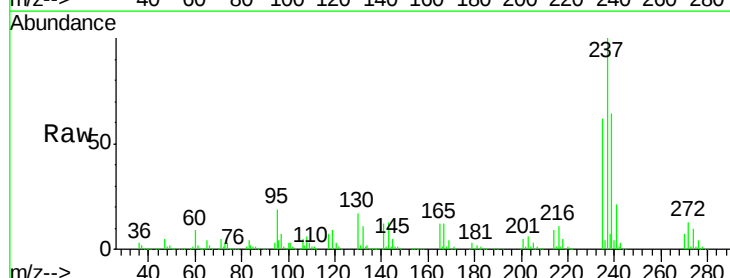
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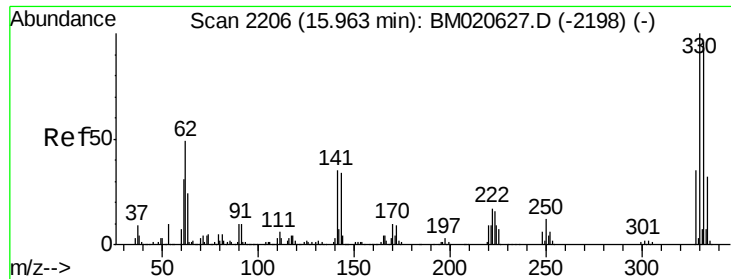
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#41
Hexachlorocyclopentadiene
Concen: 84.229 ng
RT: 12.62 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.0	42.1	82.1
272	13.5	0.0	33.5





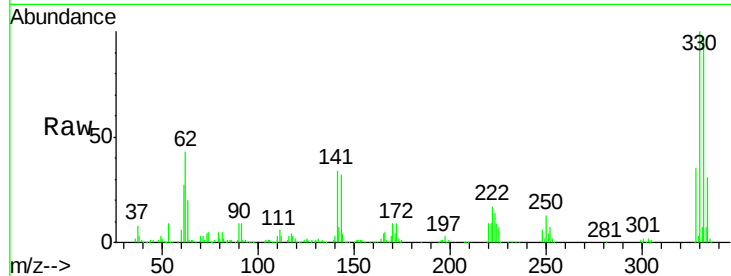
#42
 2,4,6-Tribromophenol
 Concen: 79.220 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

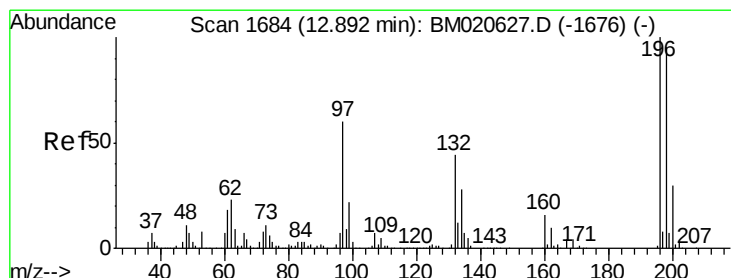
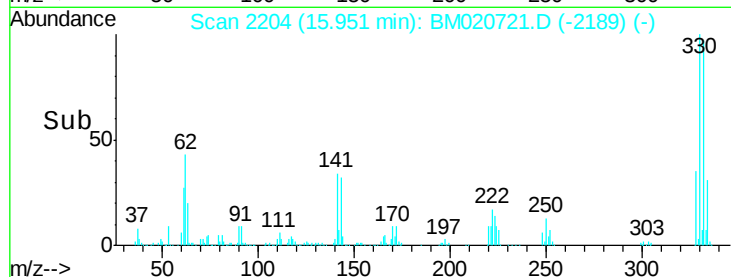
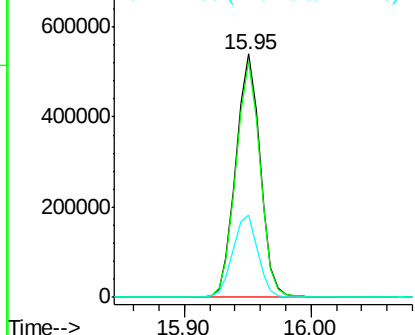
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	716209		
332	96.6	77.4	116.0	
141	35.0	30.4	45.6	

Manual Integrations
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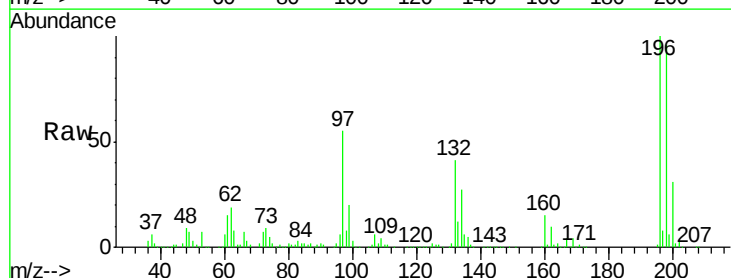


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

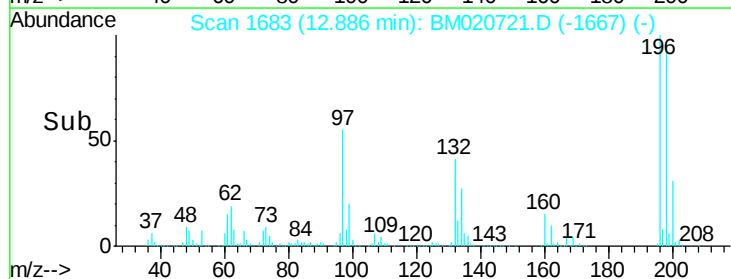
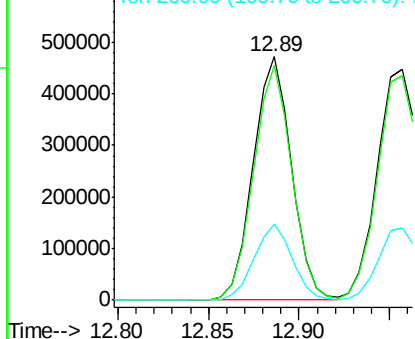


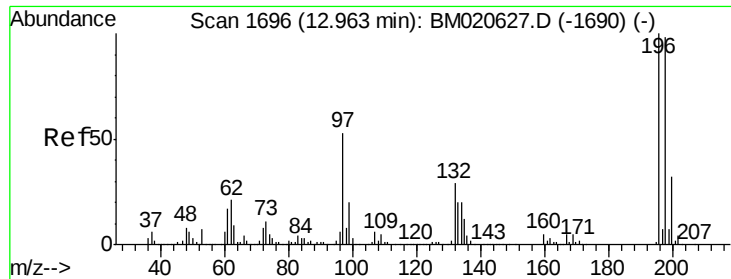
#43
 2,4,6-Trichlorophenol
 Concen: 45.028 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	693067		
198	96.4	75.7	113.5	
200	31.2	23.9	35.9	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





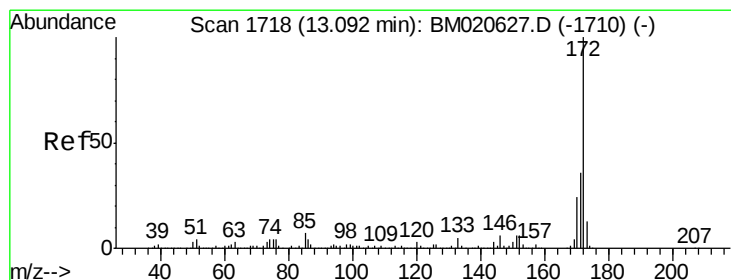
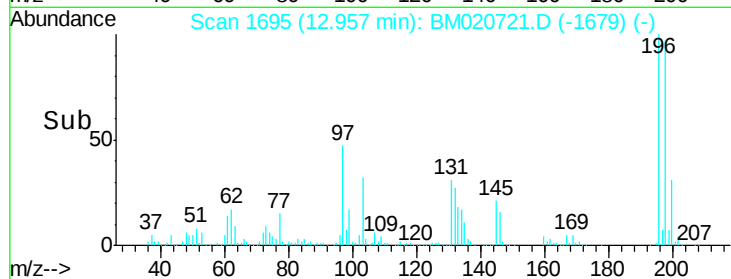
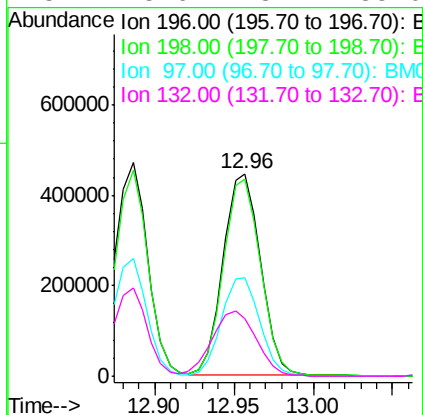
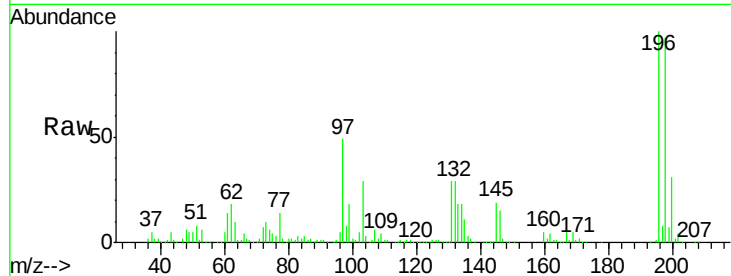
#44
 2,4,5-Trichlorophenol
 Concen: 45.948 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	730147		
198	97.1	78.6	117.8	
97	48.7	42.7	64.1	
132	28.6	23.4	35.0	

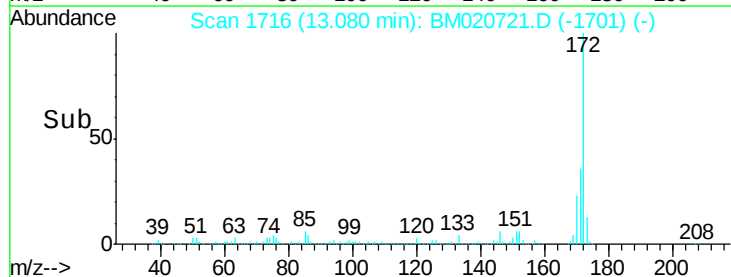
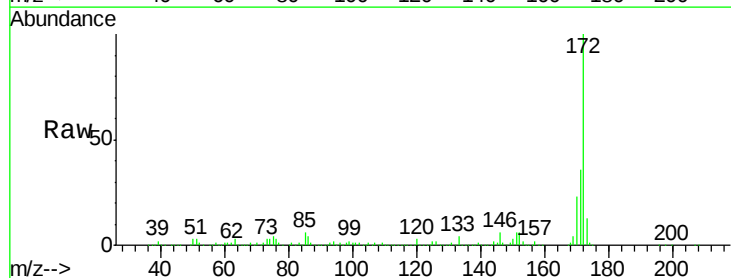
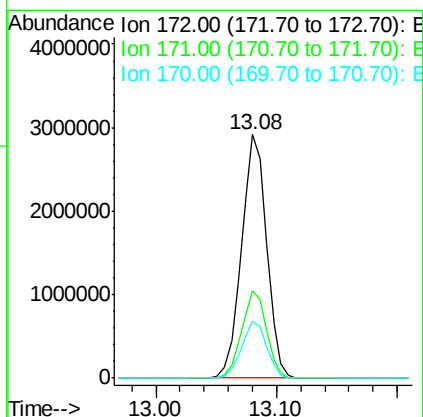
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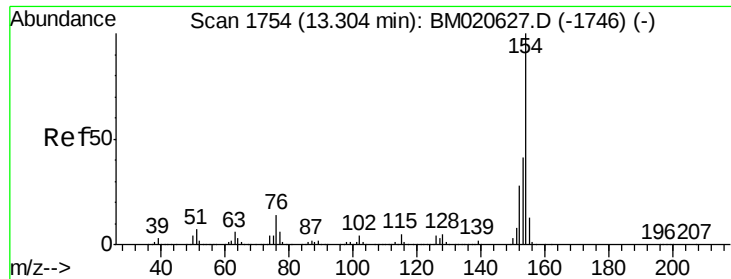
mohammad
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#45
 2-Fluorobiphenyl
 Concen: 76.813 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4216012		
171	35.9	28.6	43.0	
170	23.3	18.9	28.3	





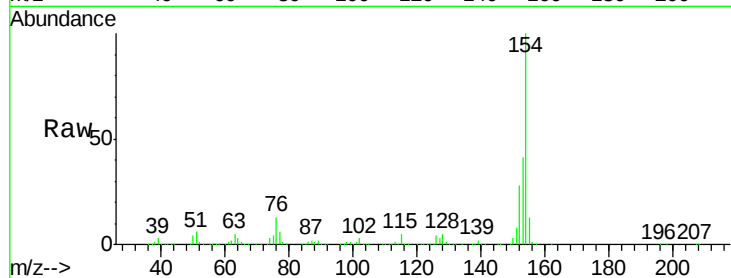
#46
 1,1'-Biphenyl
 Concen: 43.416 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

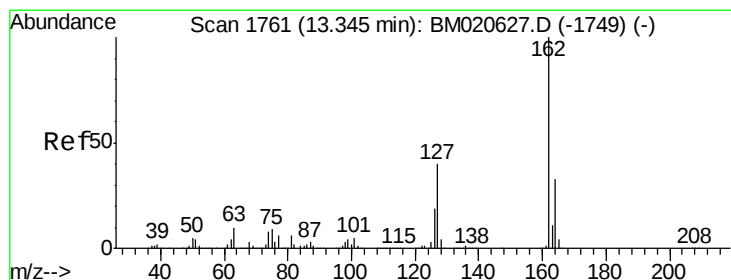
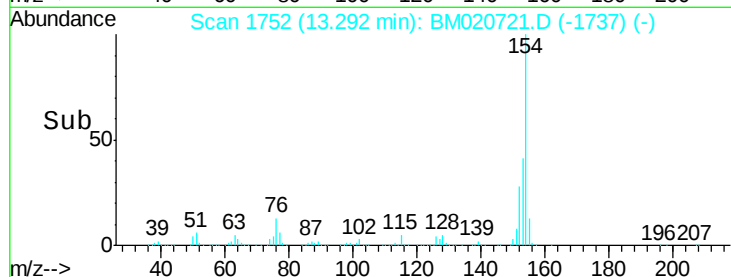
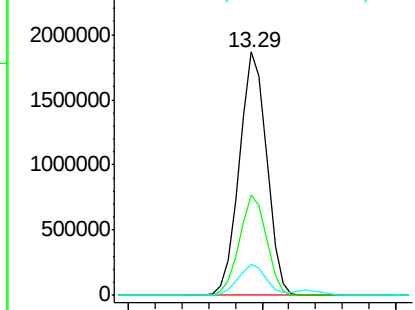
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.7	60.7
76	12.8	0.0	34.0

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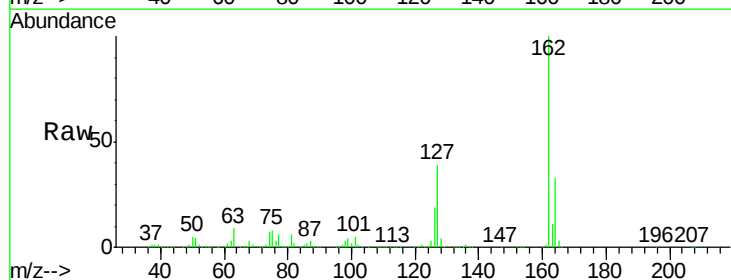


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

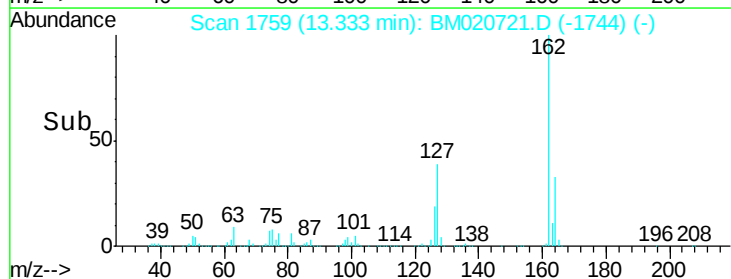
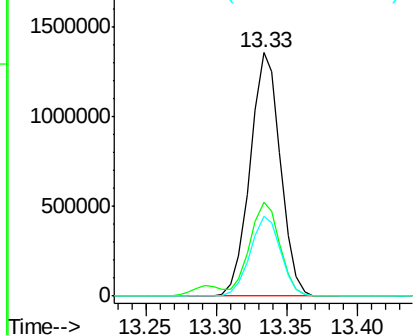


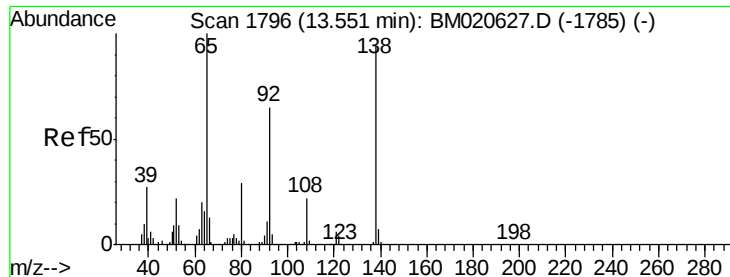
#47
 2-Chloronaphthalene
 Concen: 41.481 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	32.1	48.1
164	32.6	26.6	39.8



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





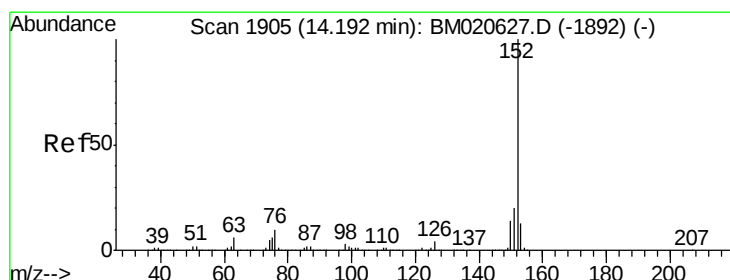
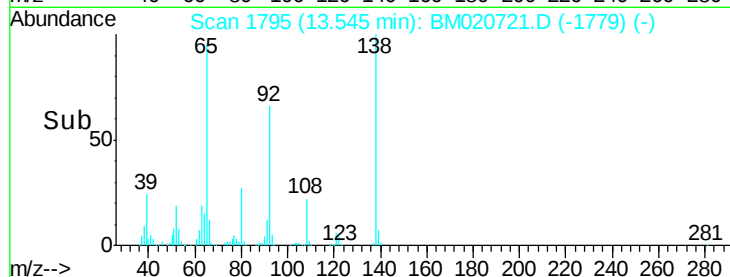
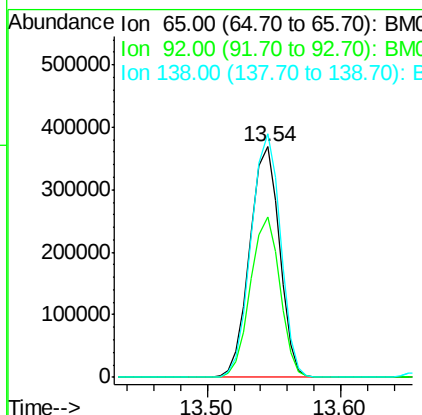
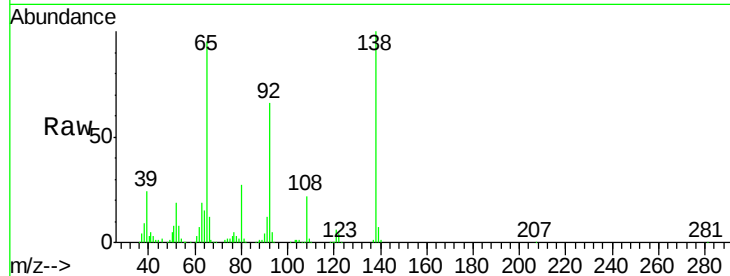
#48
2-Nitroaniline
Concen: 36.772 ng
RT: 13.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	52.2	78.4
138	105.6	75.4	113.0

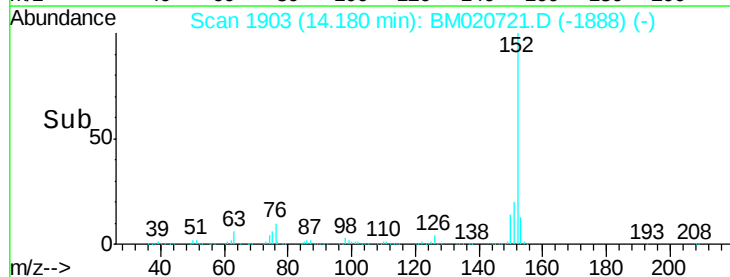
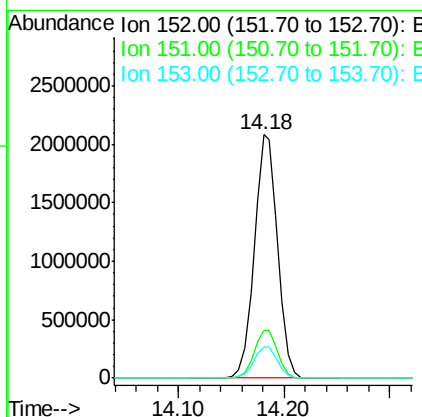
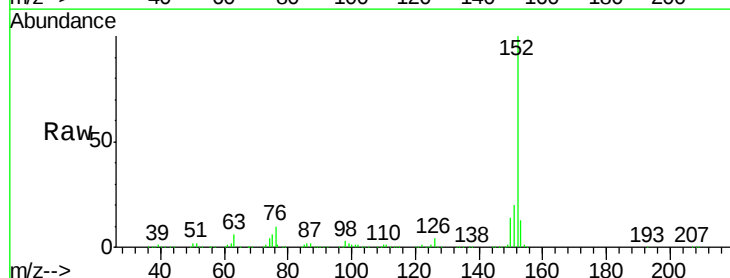
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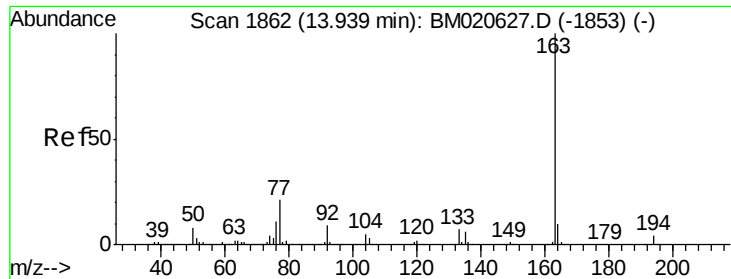
mohammad
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#49
Acenaphthylene
Concen: 41.431 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.0	10.6	15.8





#50

Dimethylphthalate

Concen: 39.012 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tgt Ion:163 Resp: 2432065

Ion Ratio Lower Upper

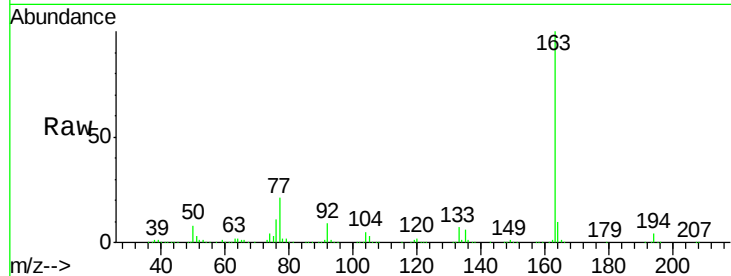
163 100

194 4.1 3.2 4.8

164 10.2 7.9 11.9

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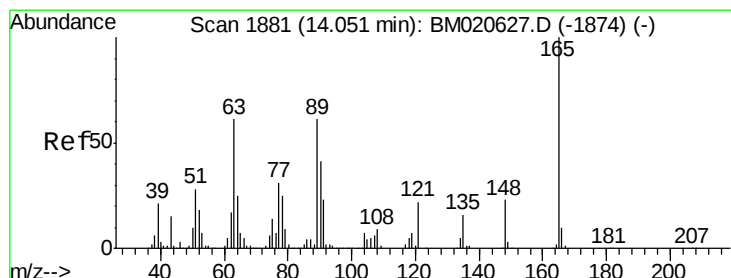
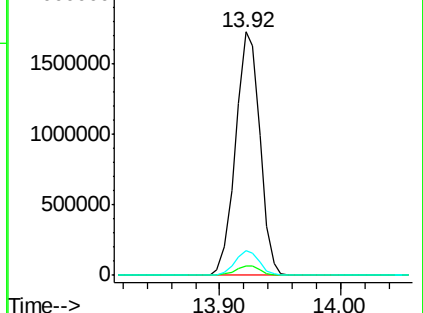
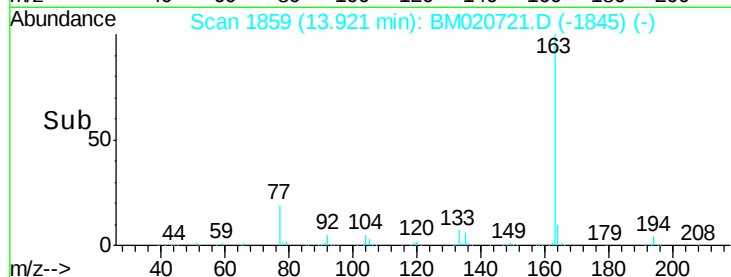
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 41.618 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

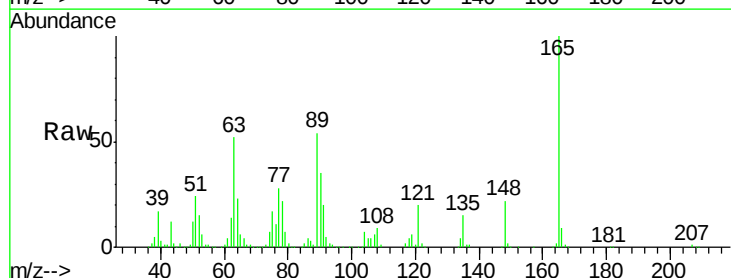
Tgt Ion:165 Resp: 526811

Ion Ratio Lower Upper

165 100

63 51.9 50.4 75.6

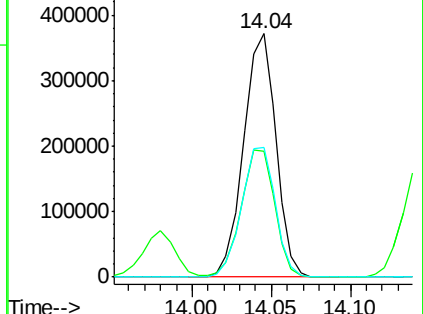
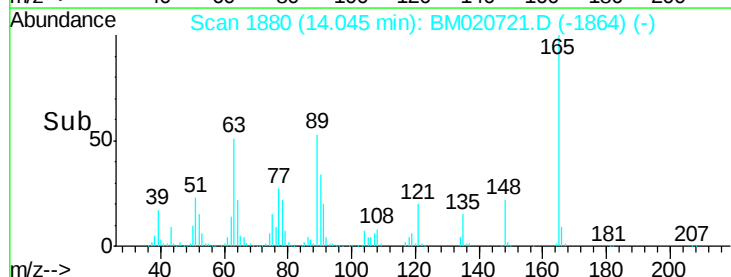
89 53.5 49.1 73.7

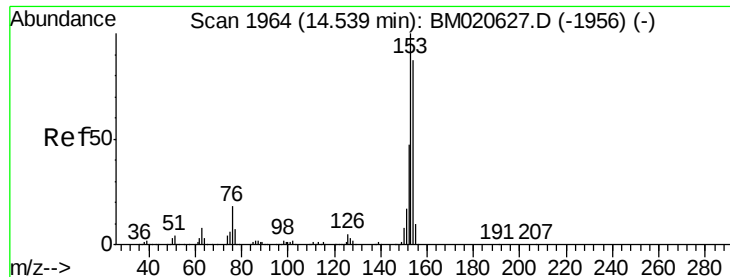


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





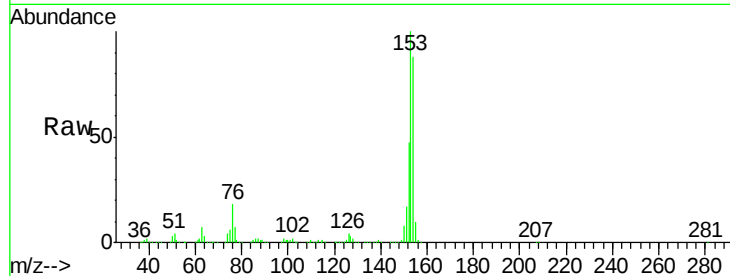
#52
Acenaphthene
Concen: 40.737 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

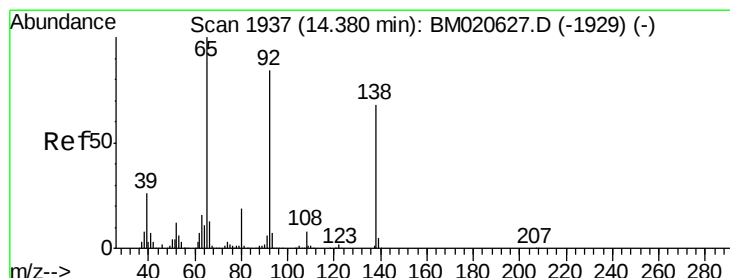
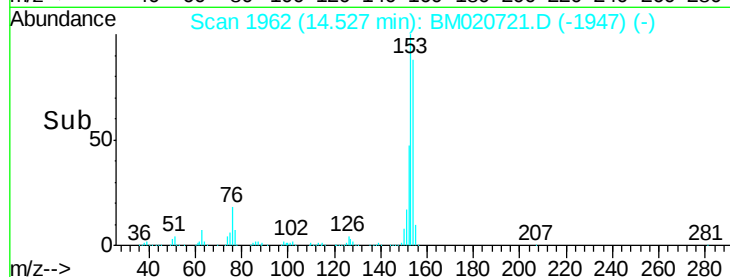
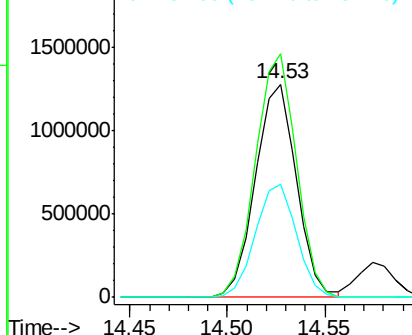
Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.1	92.4	138.6
152	53.3	43.4	65.0

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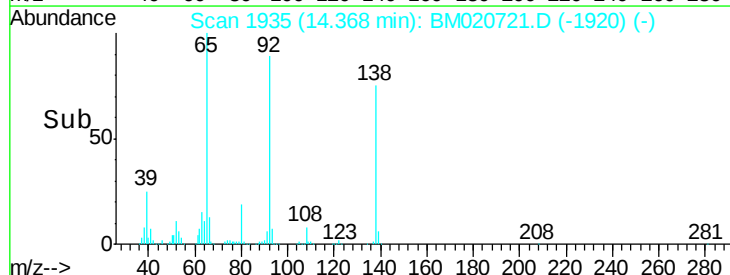
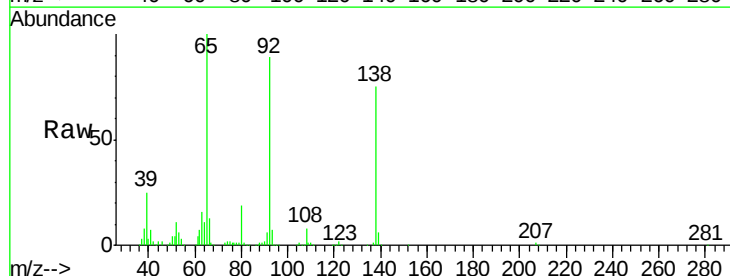
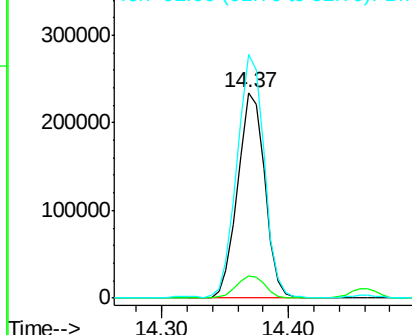
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

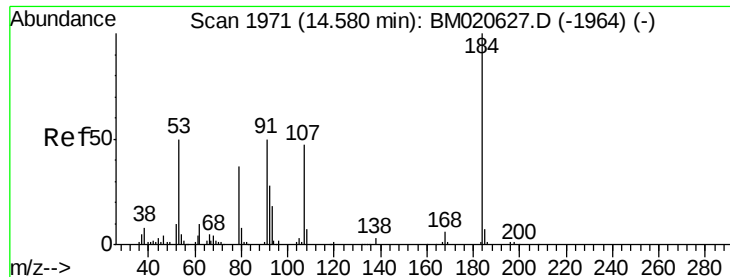


#53
3-Nitroaniline
Concen: 24.573 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.5	14.3
92	118.6	99.6	149.4

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





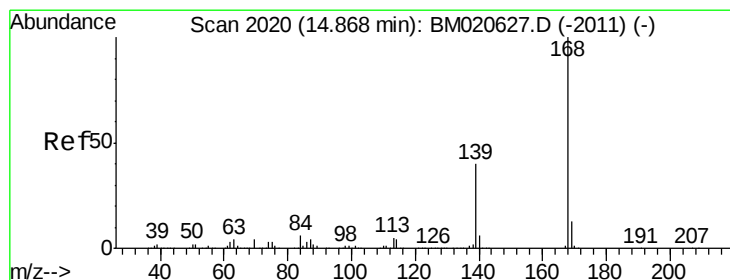
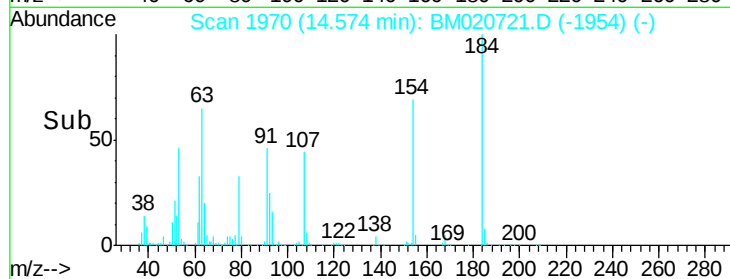
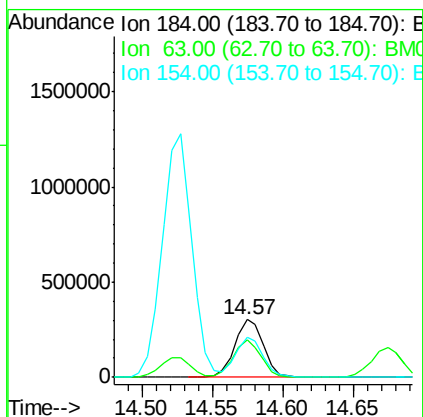
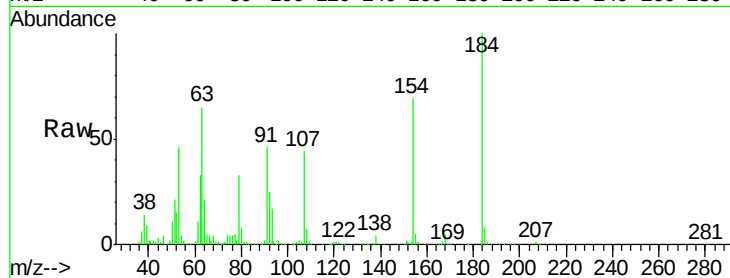
#54
2,4-Dinitrophenol
Concen: 78.563 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	427046		
63	65.4	59.3	88.9	
154	69.1	56.5	84.7	

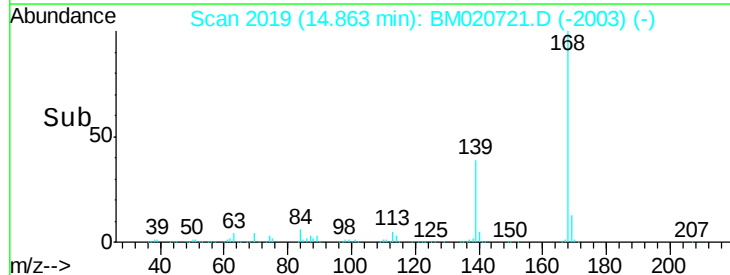
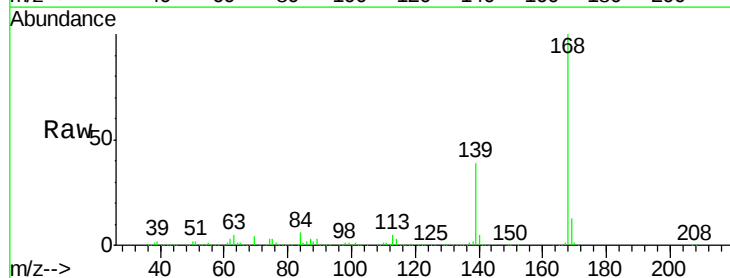
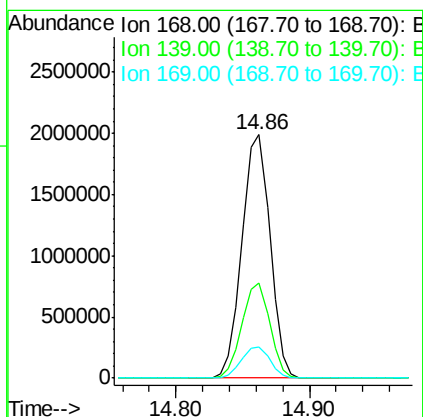
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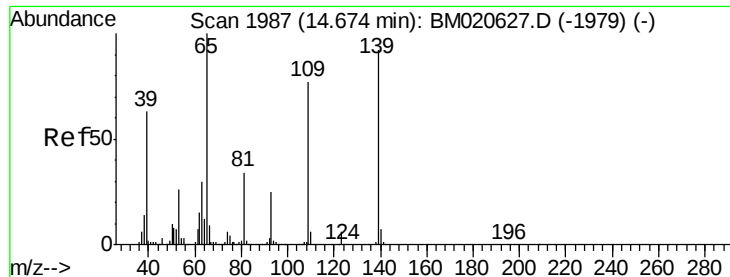
mohammad
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#55
Dibenzofuran
Concen: 40.709 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2891639		
139	39.2	31.9	47.9	
169	12.9	10.7	16.1	





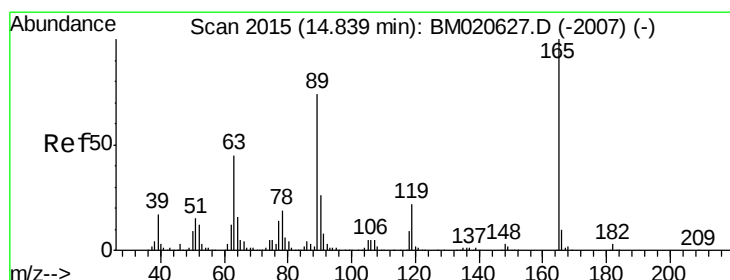
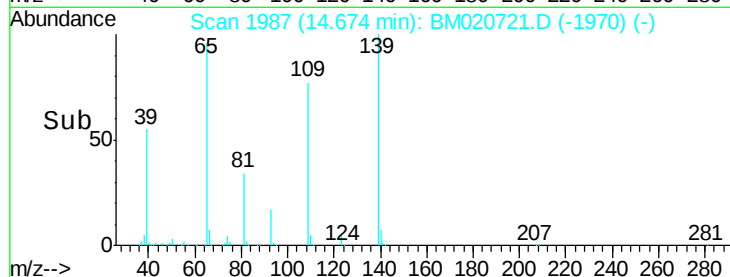
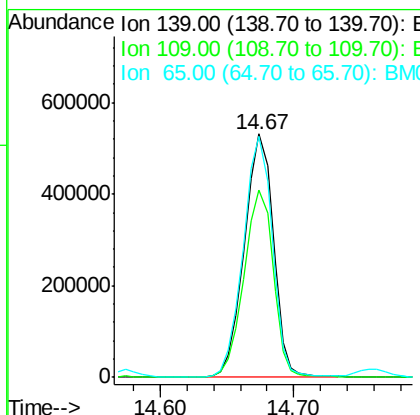
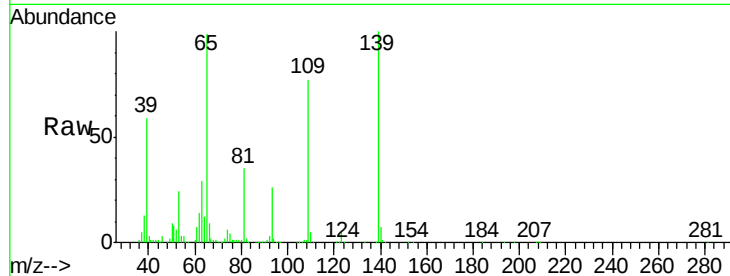
#56
4-Nitrophenol
Concen: 77.021 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	801914		
109	77.0	62.7	102.7	
65	99.1	88.3	128.3	

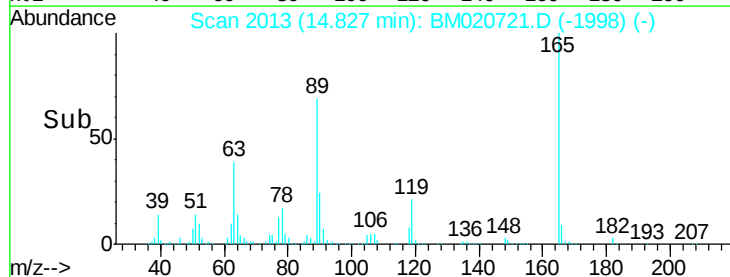
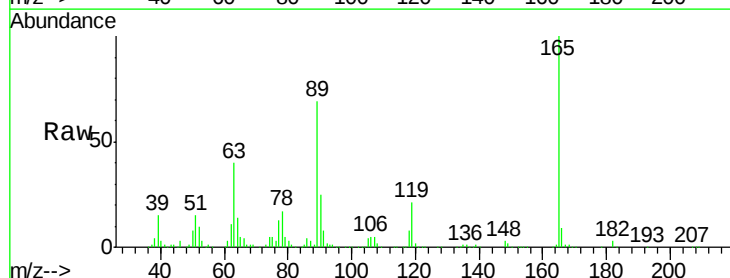
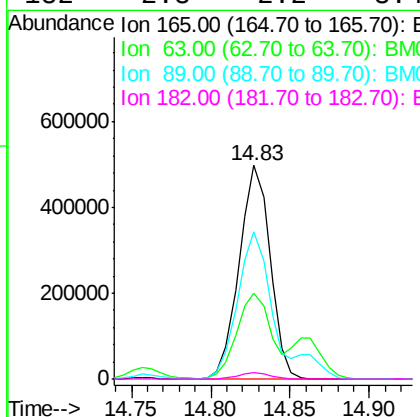
Manual Integrations
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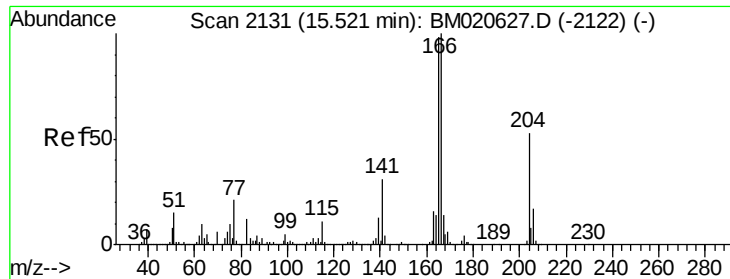
mohammad
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#57
2,4-Dinitrotoluene
Concen: 39.926 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	676701		
63	40.3	36.3	54.5	
89	68.8	59.0	88.6	
182	2.8	2.2	3.4	





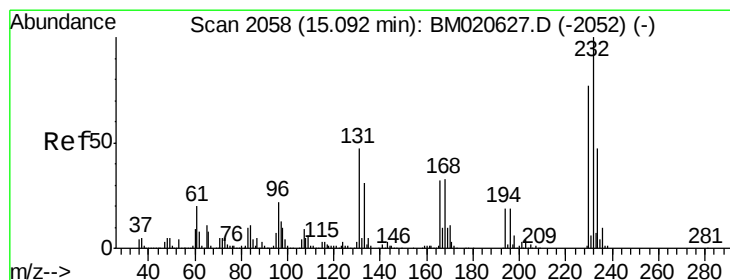
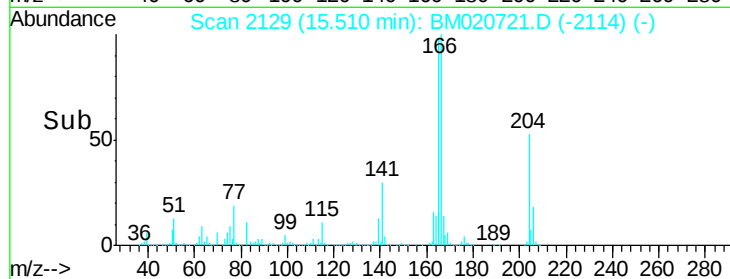
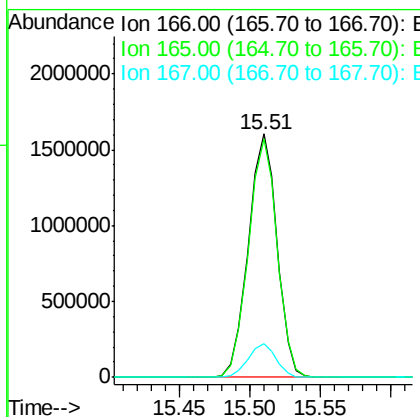
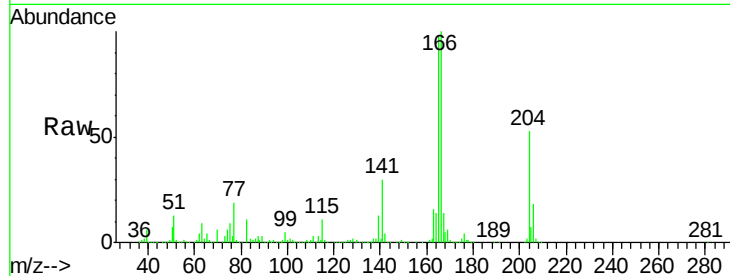
#58
 Fluorene
 Concen: 39.219 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion:166 Resp: 2290910
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.6 117.8
 167 13.7 11.0 16.4

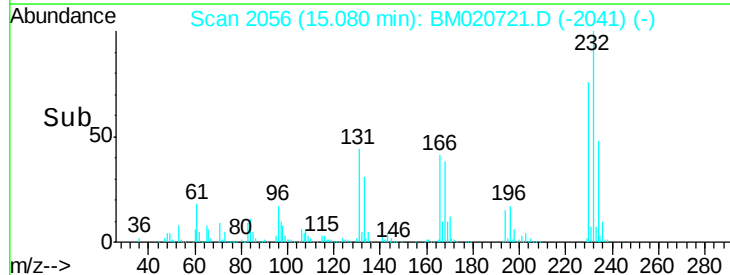
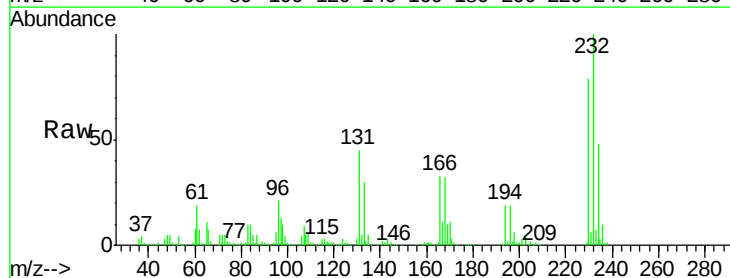
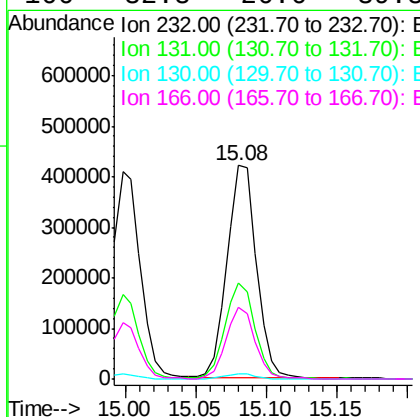
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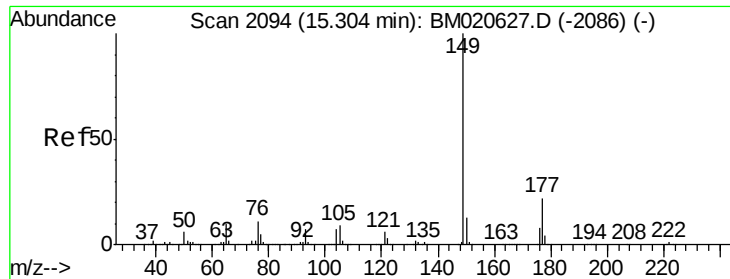
mohammad
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#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.161 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:232 Resp: 611488
 Ion Ratio Lower Upper
 232 100
 131 44.8 38.6 57.8
 130 2.6 2.2 3.2
 166 32.8 26.6 39.8





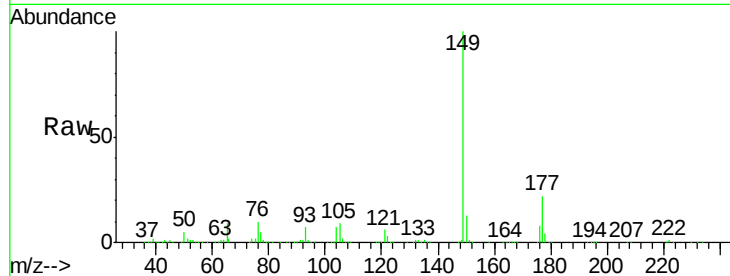
#60
Diethylphthalate
Concen: 37.153 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

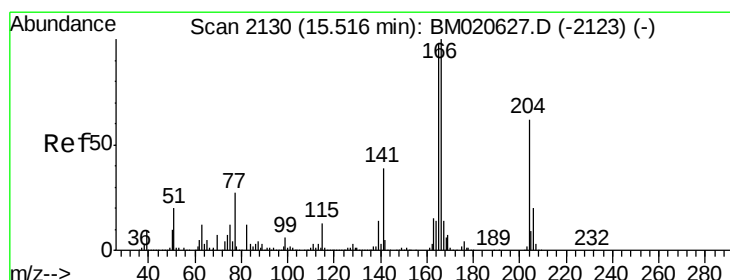
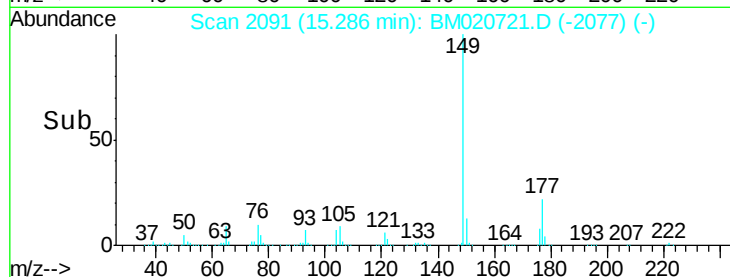
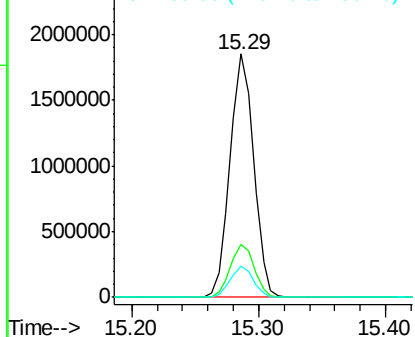
Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.2	25.8
150	12.5	10.1	15.1

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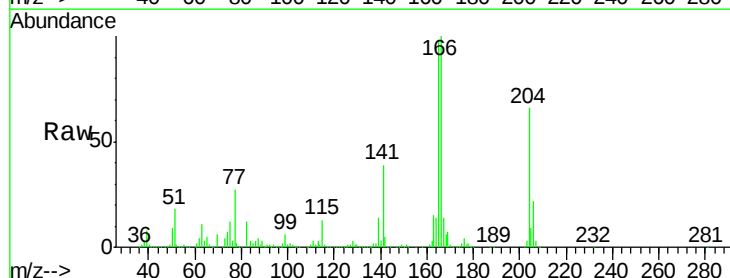


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

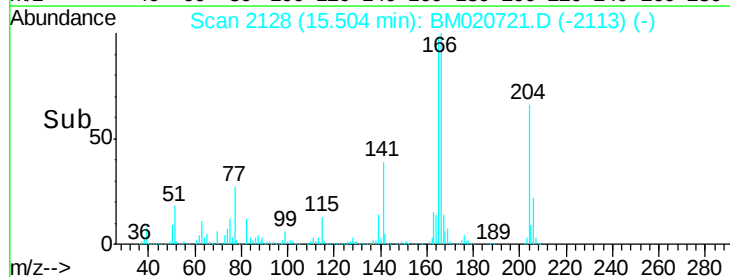
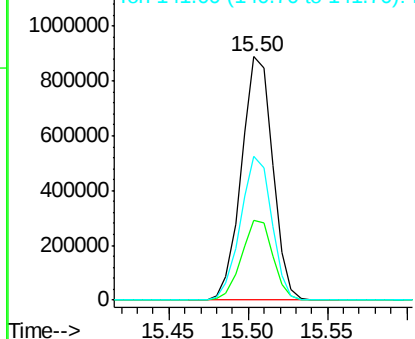


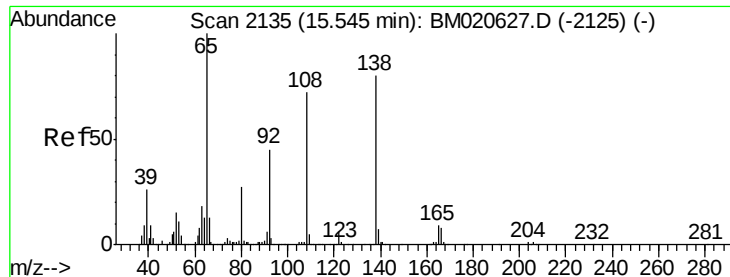
#61
4-Chlorophenyl-phenylether
Concen: 39.311 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	59.3	50.2	75.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#62

4-Nitroaniline

Concen: 31.362 ng

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

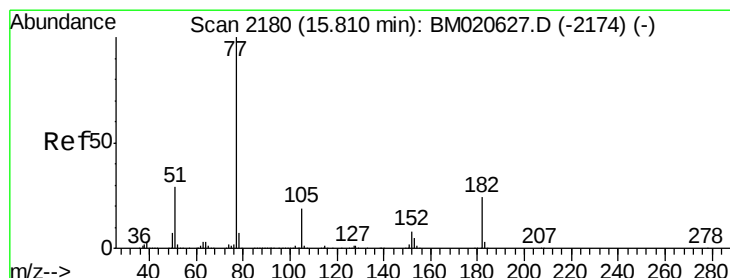
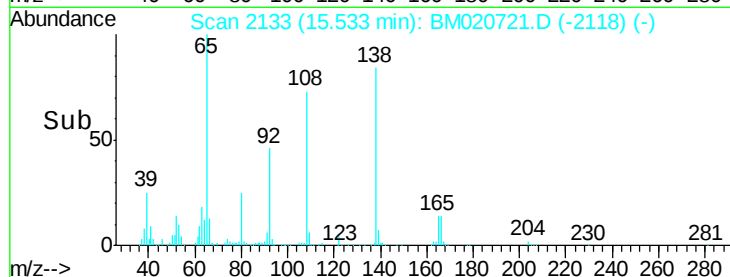
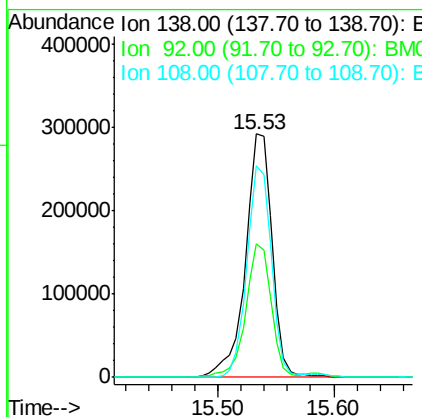
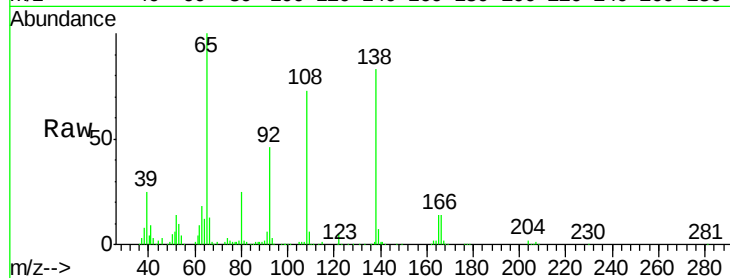
ClientSampleId :

PB120082BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	36.7	76.7
108	86.9	70.3	110.3

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#63

Azobenzene

Concen: 35.984 ng

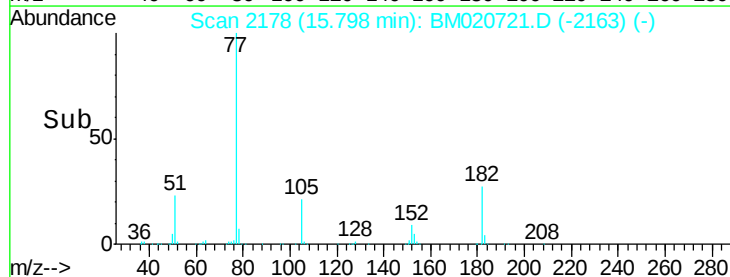
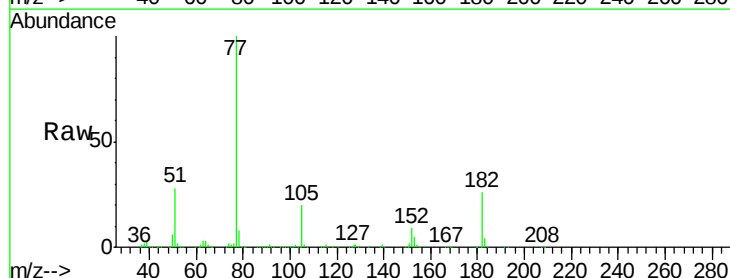
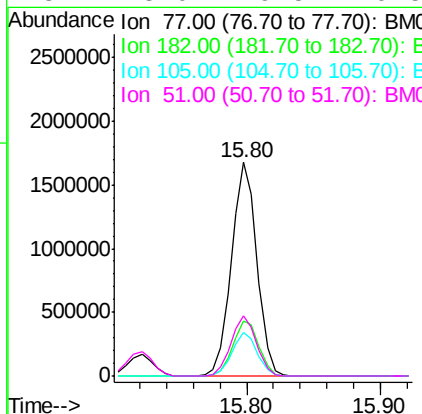
RT: 15.80 min Scan# 2178

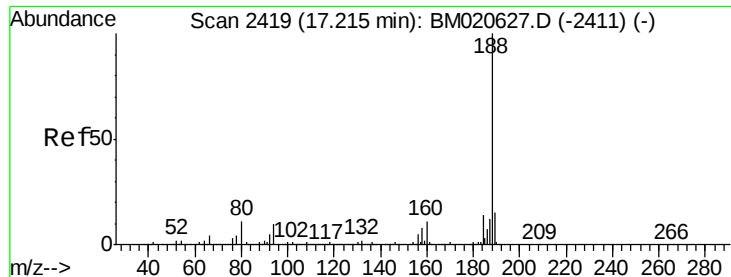
Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.1	3.6	43.6
105	20.3	0.0	39.4
51	28.0	9.5	49.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tgt Ion:188 Resp: 1385433

Ion Ratio Lower Upper

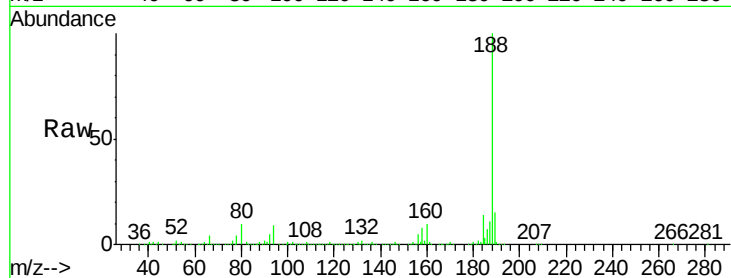
188 100

94 9.2 7.8 11.8

80 10.4 9.0 13.6

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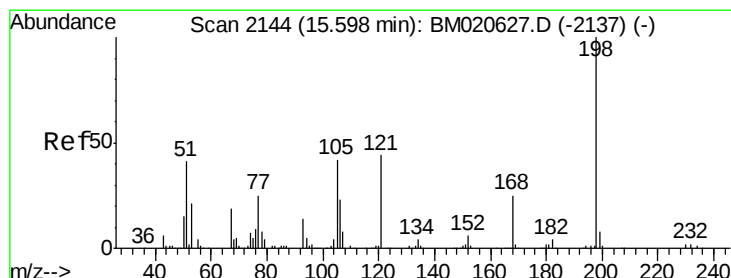
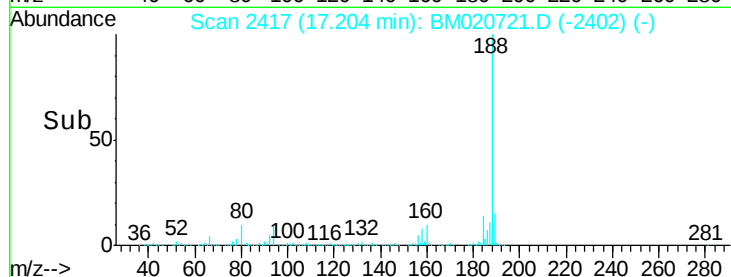
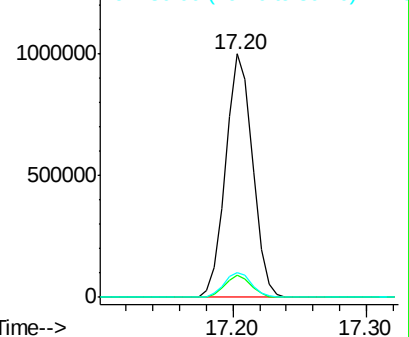
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

4,6-Dinitro-2-methylphenol

Concen: 42.499 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

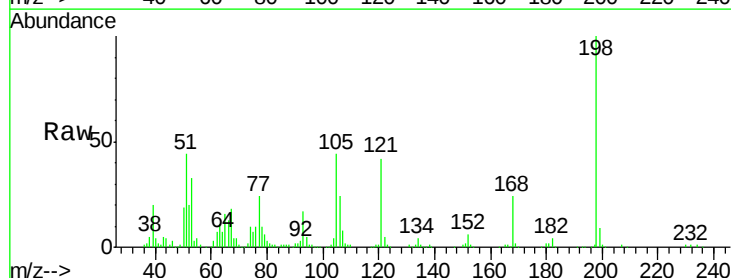
Tgt Ion:198 Resp: 260117

Ion Ratio Lower Upper

198 100

51 43.7 27.7 67.7

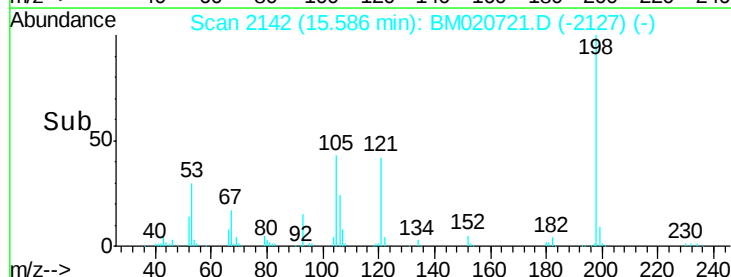
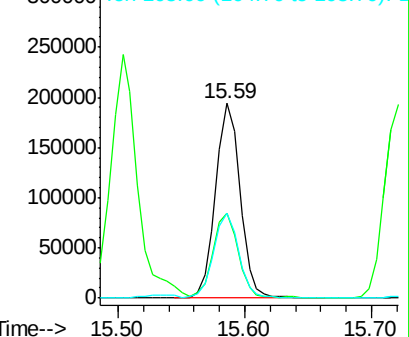
105 43.7 23.8 63.8

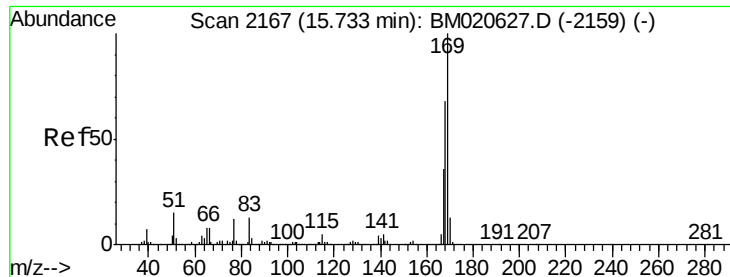


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#66

n-Nitrosodiphenylamine

Concen: 44.024 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

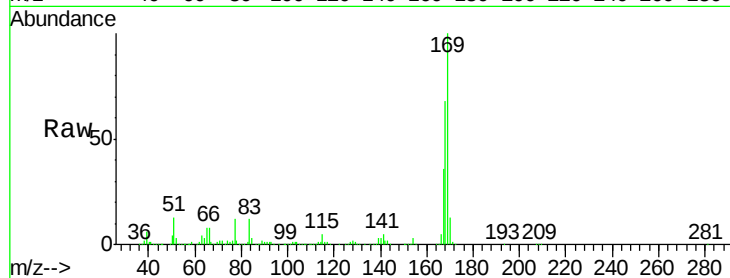
ClientSampleId :

PB120082BSD

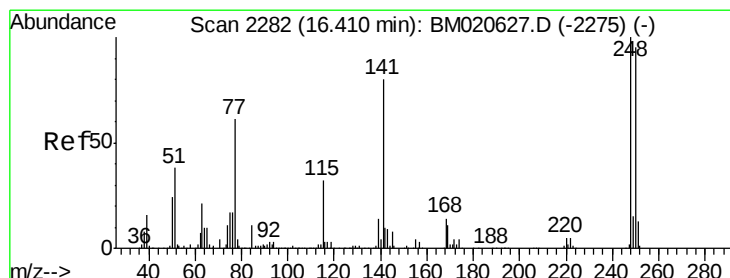
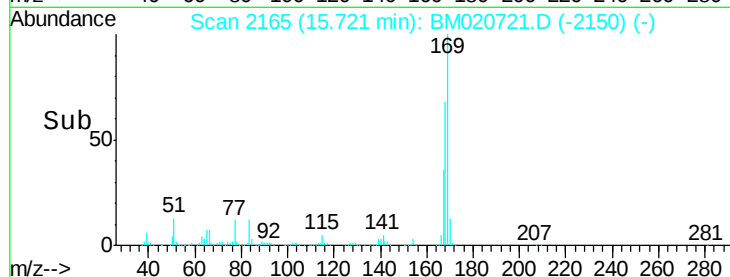
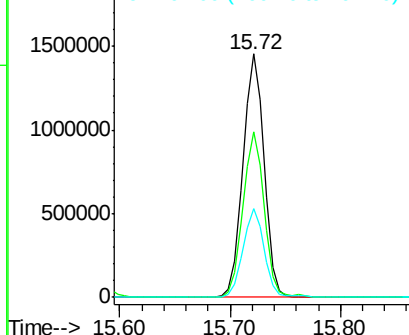
Tgt Ion:	169	Resp:	1952492
Ion Ratio	Lower	Upper	
169	100		
168	68.2	54.2	81.4
167	36.3	29.1	43.7

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Abundance Ion 169.00 (168.70 to 169.70): E
2000000
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#67

4-Bromophenyl-phenylether

Concen: 43.534 ng

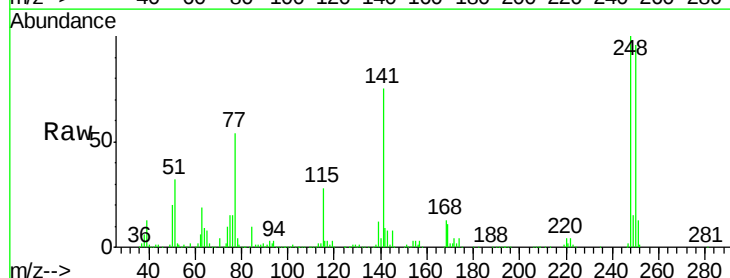
RT: 16.40 min Scan# 2280

Delta R.T. -0.01 min

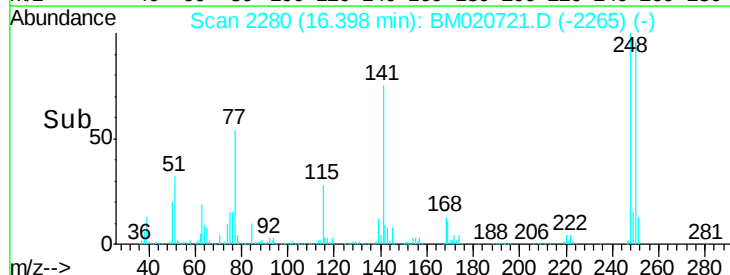
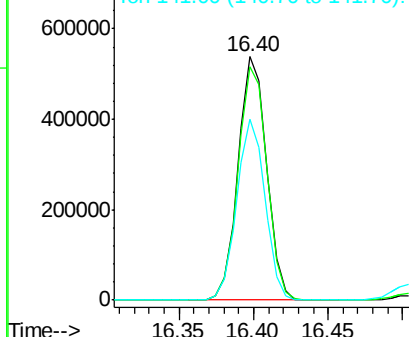
Lab File: BM020721.D

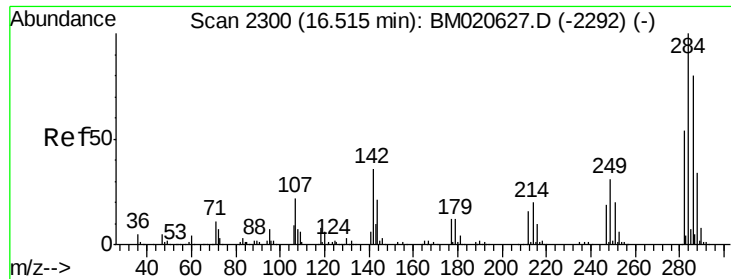
Acq: 05 Jun 2019 03:54

Tgt Ion:	248	Resp:	710131
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.3	114.5
141	74.5	64.2	96.2



Abundance Ion 248.00 (247.70 to 248.70): E
600000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





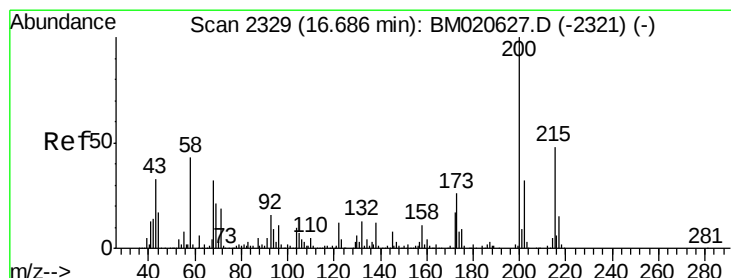
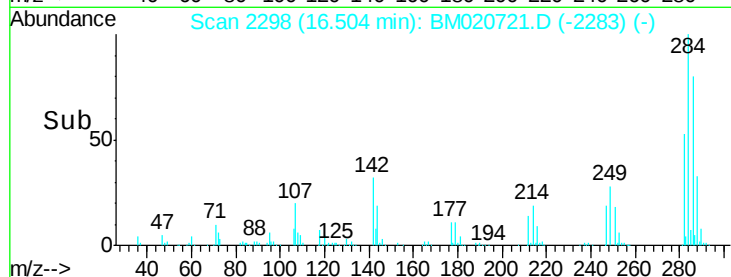
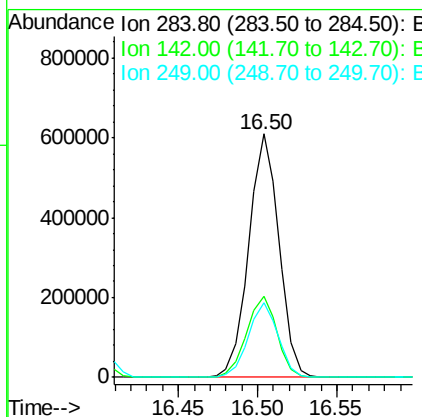
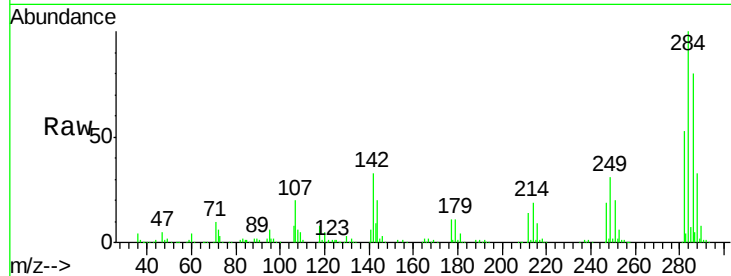
#68
Hexachlorobenzene
Concen: 42.325 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	806203		
142	33.1	28.6	42.8	
249	30.6	25.0	37.4	

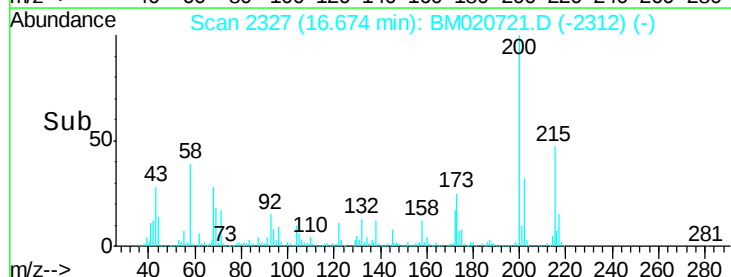
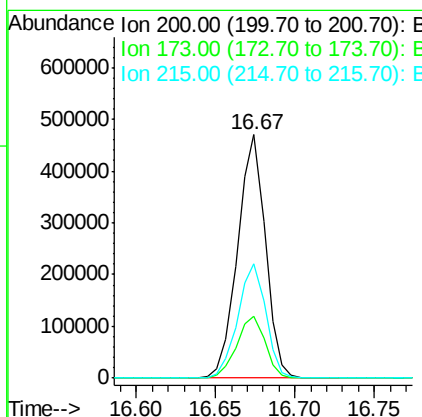
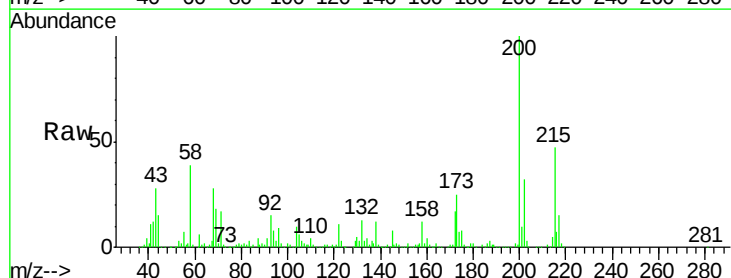
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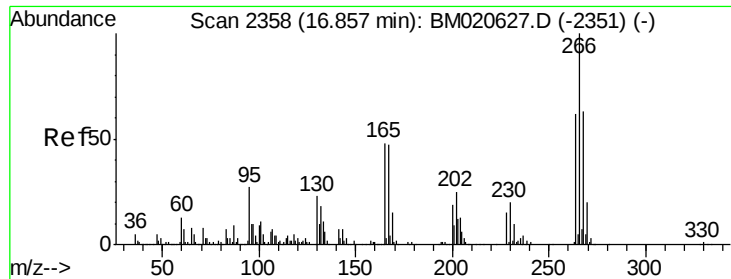
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#69
Atrazine
Concen: 43.021 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	569463		
173	25.3	6.2	46.2	
215	46.9	27.7	67.7	





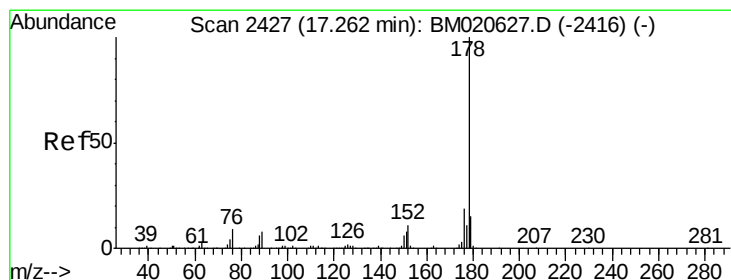
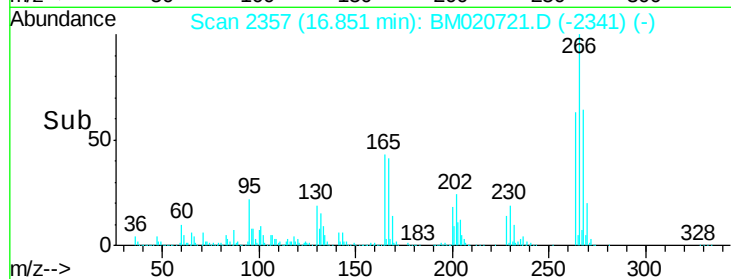
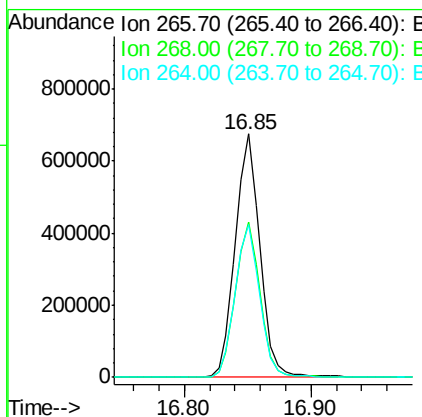
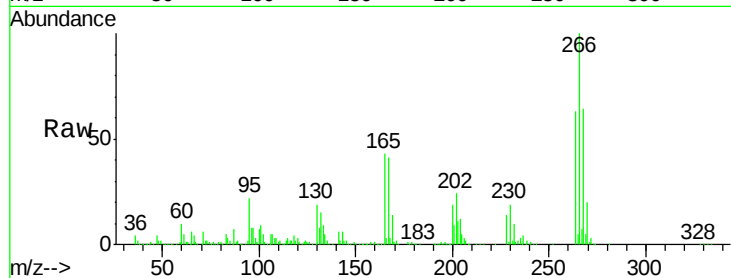
#70
 Pentachlorophenol
 Concen: 99.716 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion:	266	Resp:	906118
Ion Ratio		Lower	Upper
266	100		
268	63.7	50.6	75.8
264	62.9	49.6	74.4

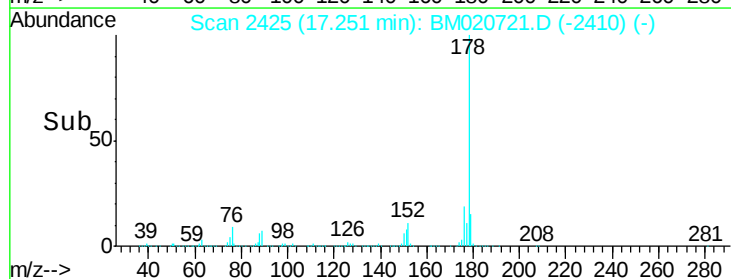
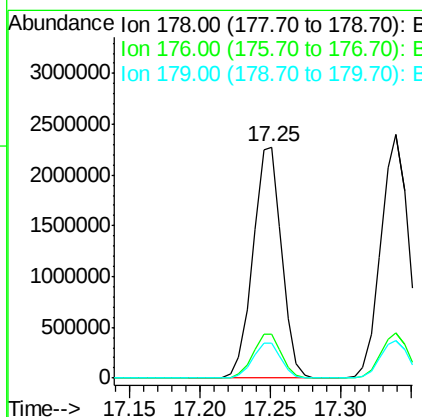
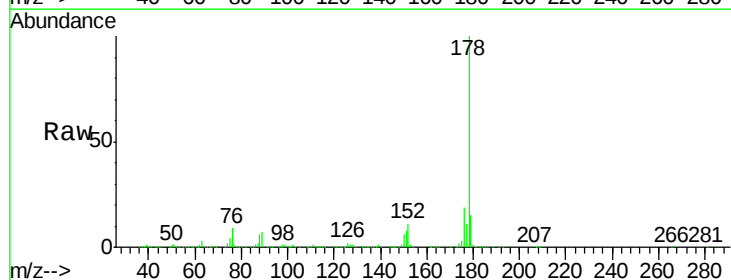
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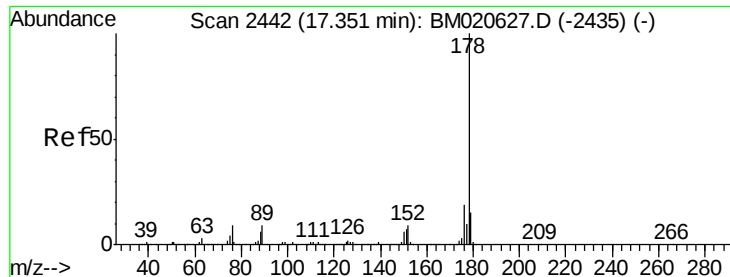
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#71
 Phenanthrene
 Concen: 41.250 ng
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:	178	Resp:	3239423
Ion Ratio		Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.2	12.2	18.4





#72

Anthracene

Concen: 41.715 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tgt Ion:178 Resp: 3278805

Ion Ratio Lower Upper

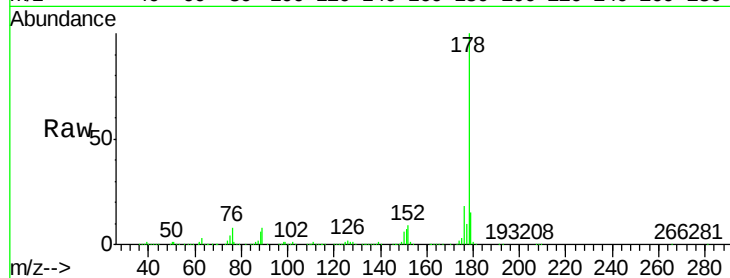
178 100

176 18.5 15.1 22.7

179 15.2 12.3 18.5

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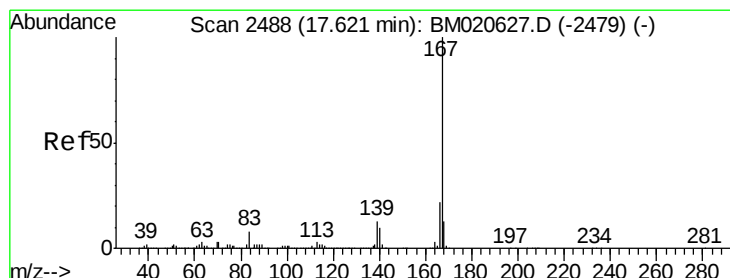
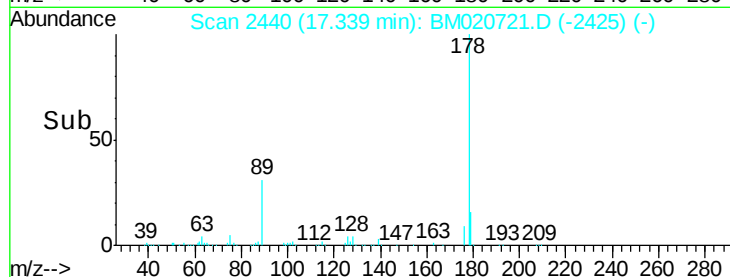
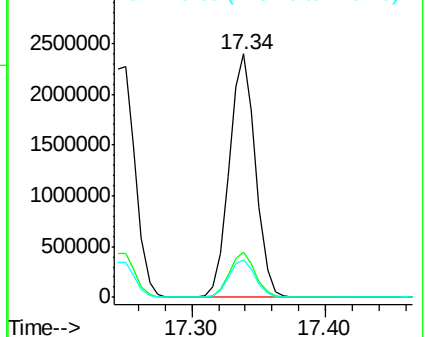
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 38.928 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

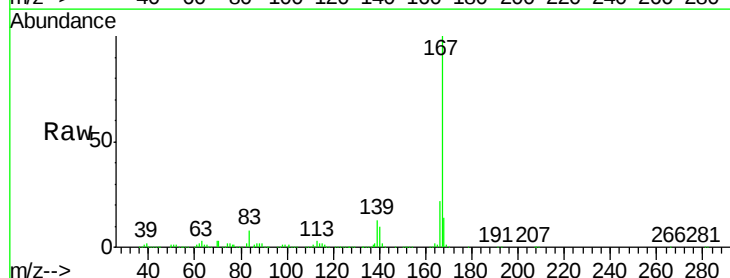
Tgt Ion:167 Resp: 2776600

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

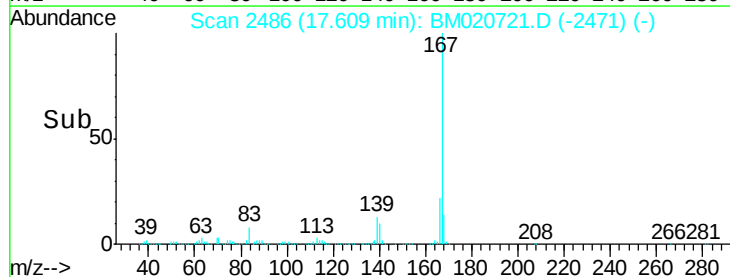
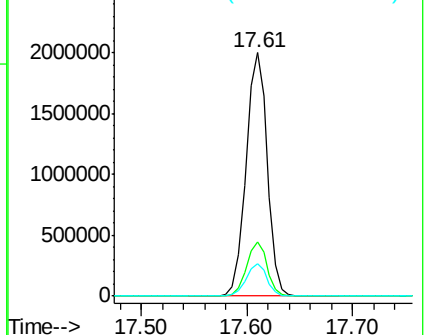
139 13.1 10.6 15.8

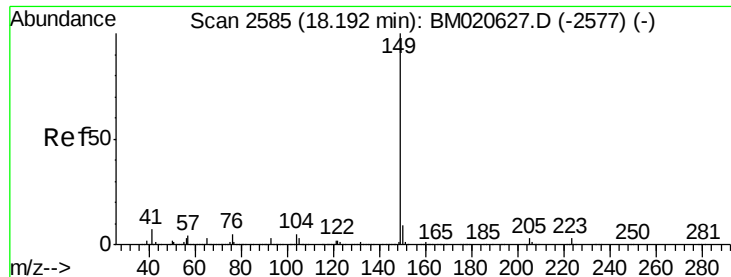


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





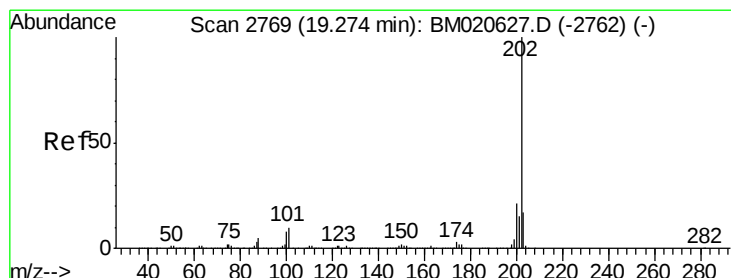
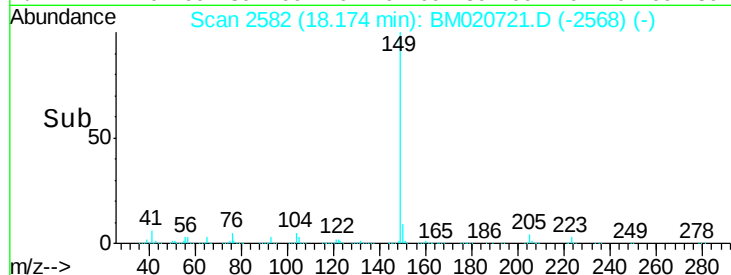
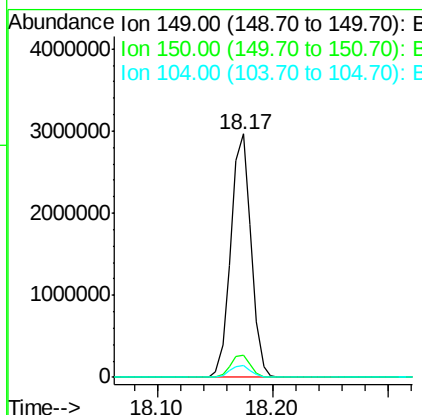
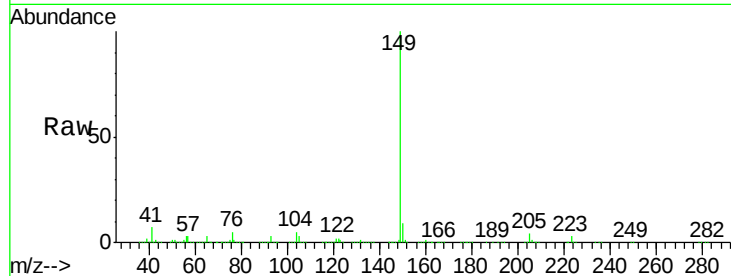
#74
Di-n-butylphthalate
Concen: 38.649 ng
RT: 18.17 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.1	4.2	6.2

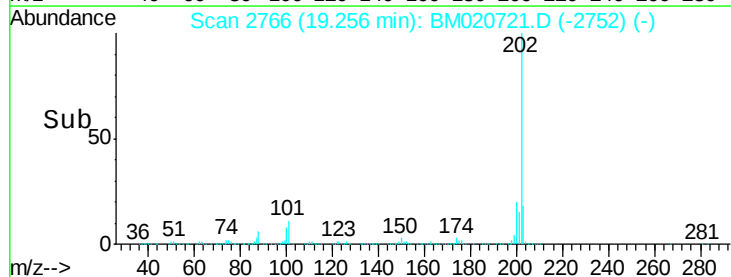
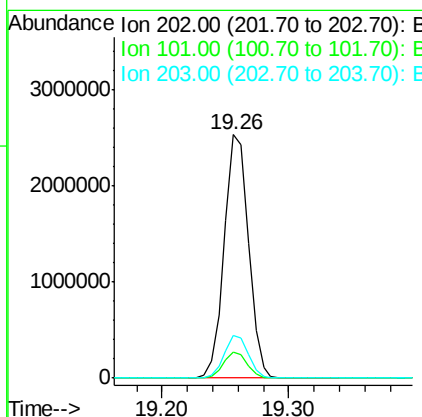
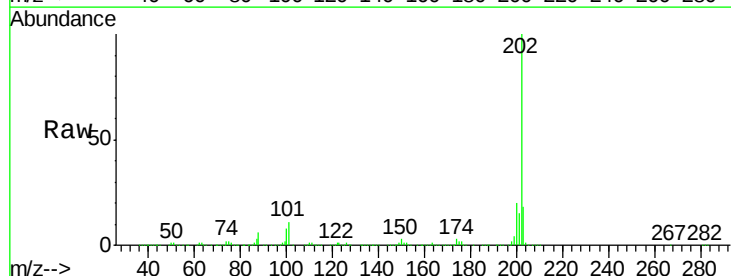
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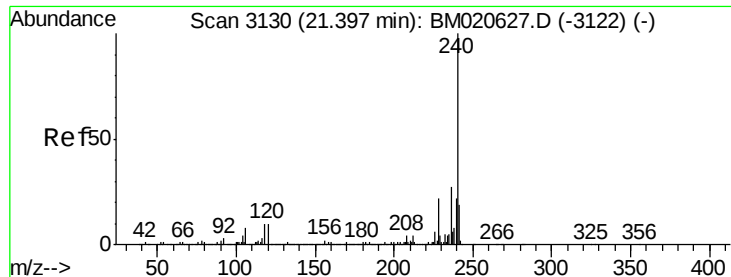
mohammad
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#75
Fluoranthene
Concen: 38.461 ng
RT: 19.26 min Scan# 2766
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.4
203	17.7	0.0	37.3





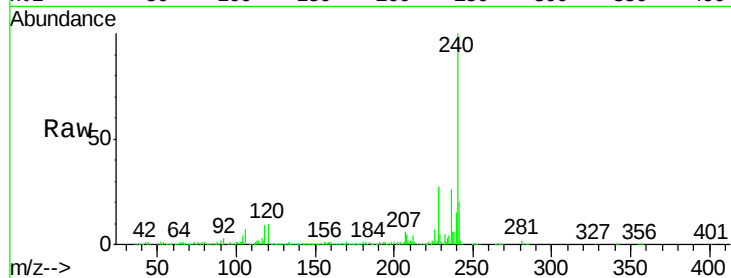
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

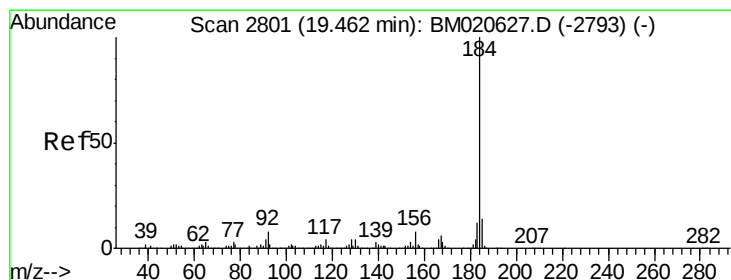
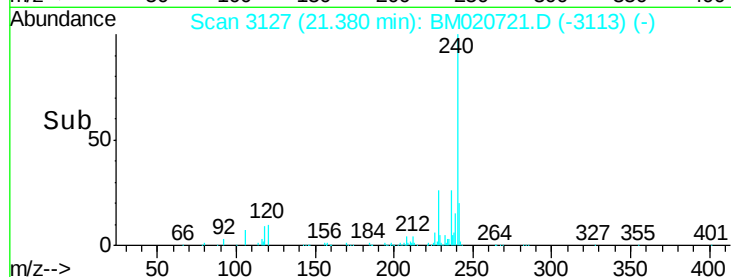
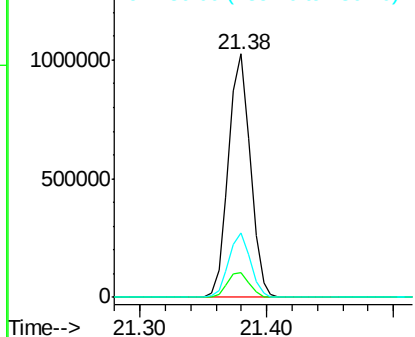
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.2
236	26.3	21.2	31.8

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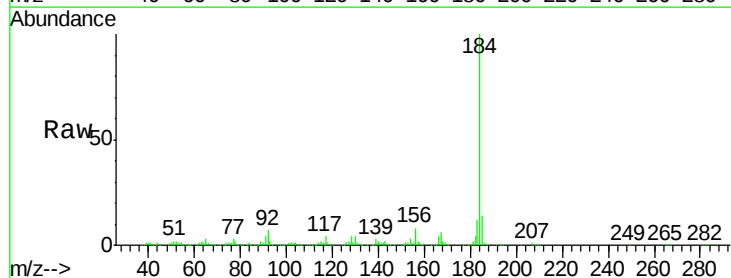


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

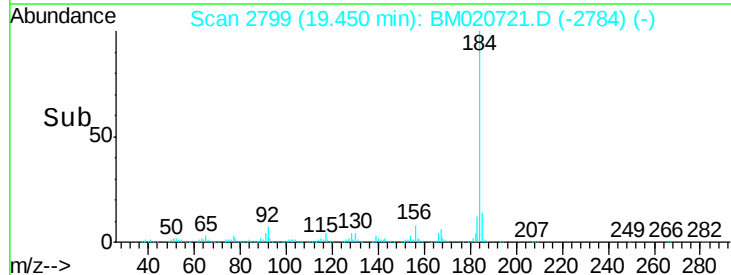
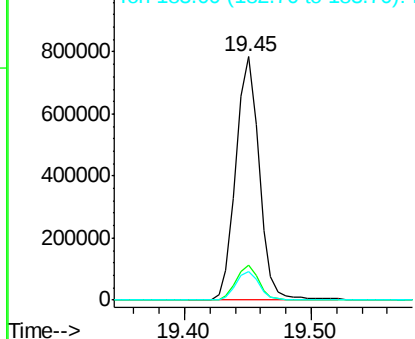


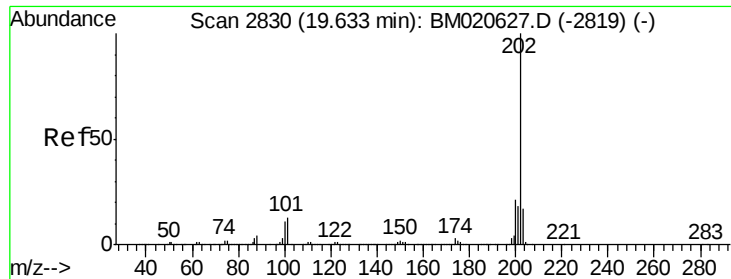
#77
Benzidine
Concen: 26.946 ng
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	11.9	9.8	14.6



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





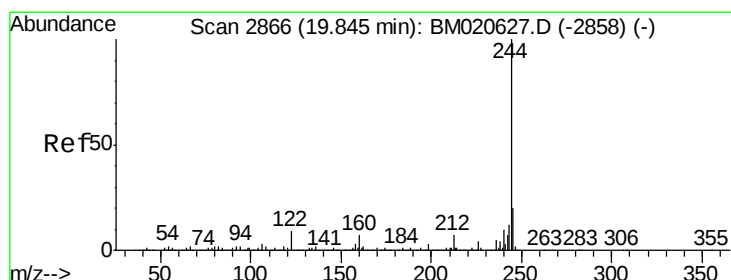
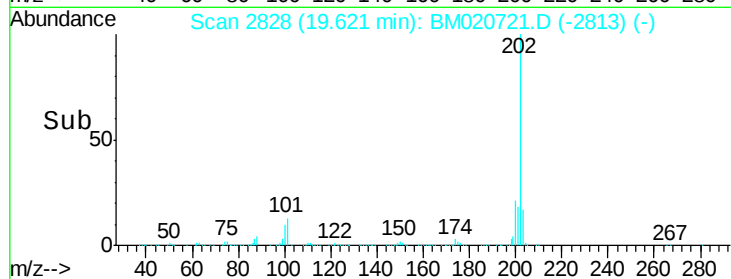
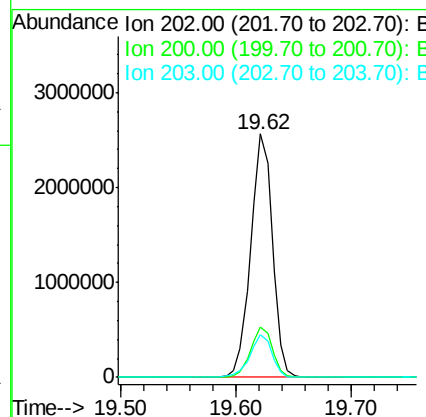
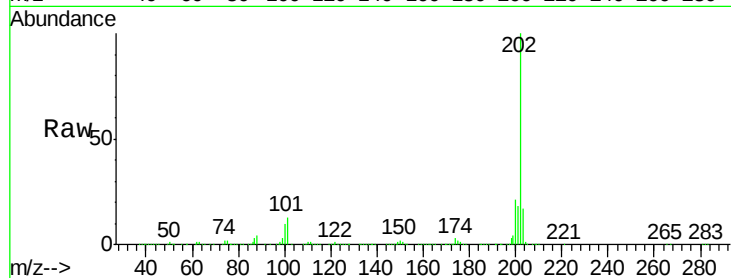
#78
 Pyrene
 Concen: 35.743 ng
 RT: 19.62 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.8	25.2
203	17.3	13.9	20.9

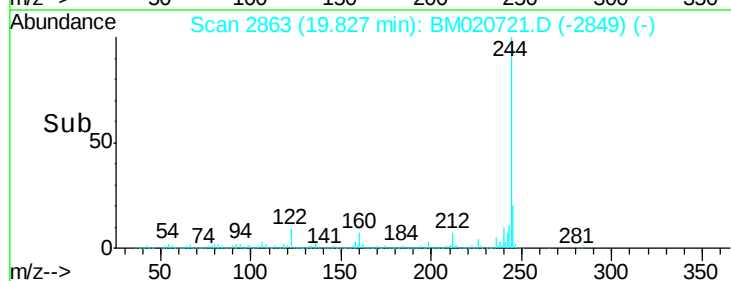
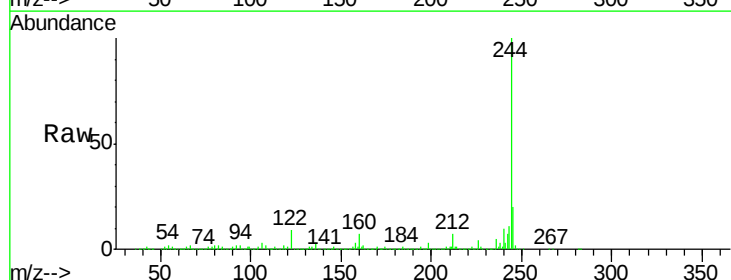
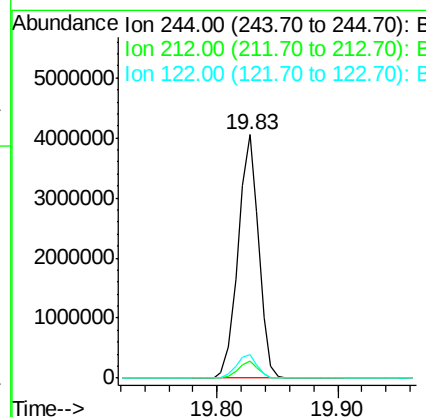
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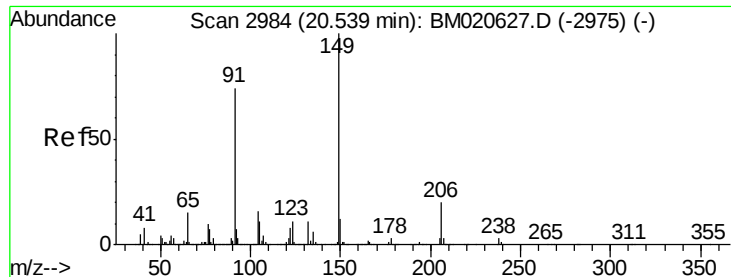
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#79
 Terphenyl-d14
 Concen: 65.547 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.5	7.2	10.8





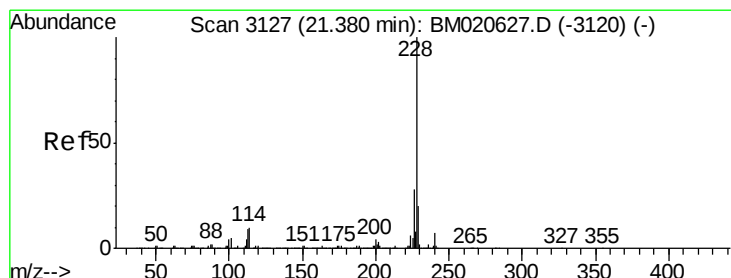
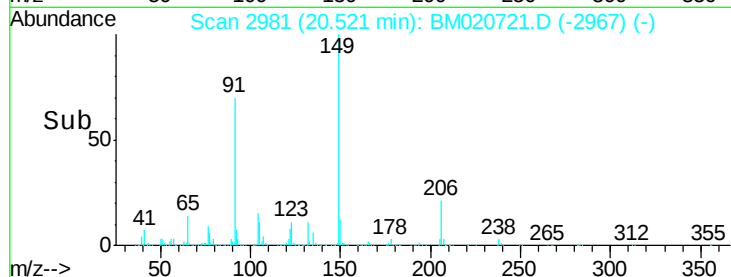
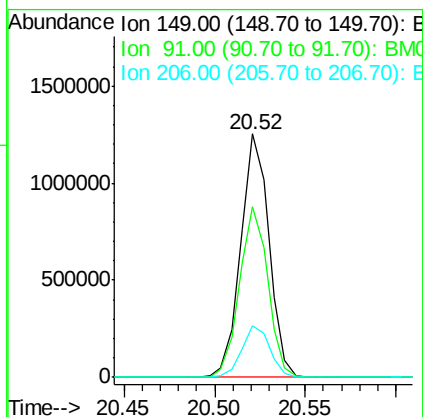
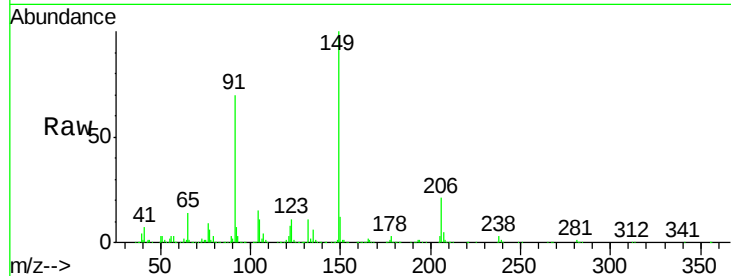
#80
Butylbenzylphthalate
Concen: 34.077 ng
RT: 20.52 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.9	59.6	89.4
206	20.9	15.7	23.5

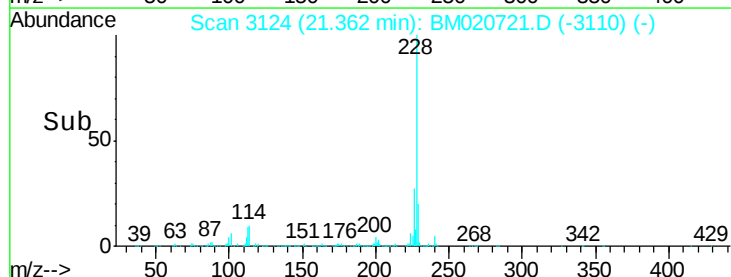
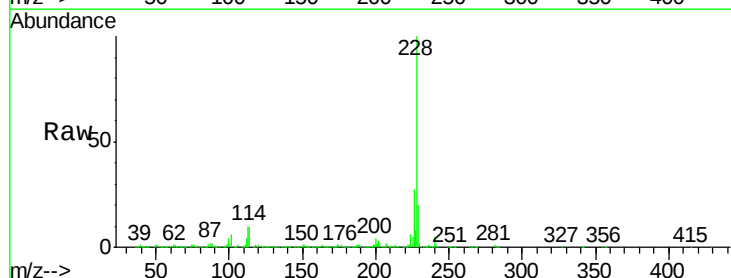
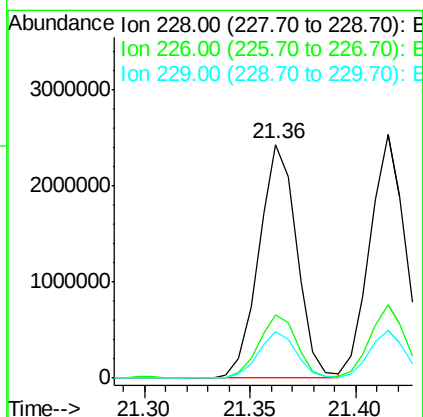
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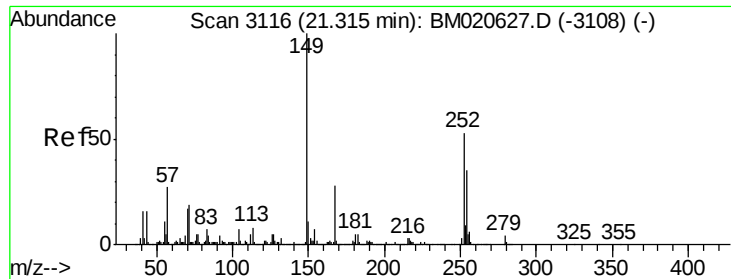
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#81
Benzo(a)anthracene
Concen: 35.731 ng
RT: 21.36 min Scan# 3124
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.3	33.5
229	19.7	15.9	23.9





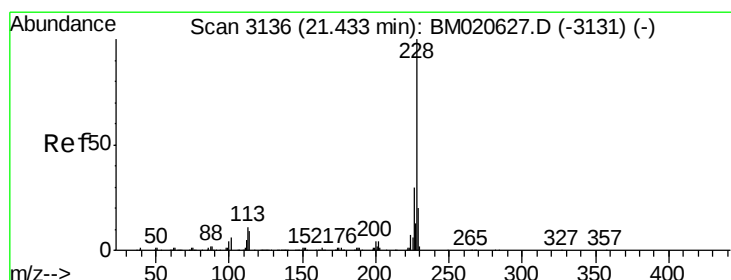
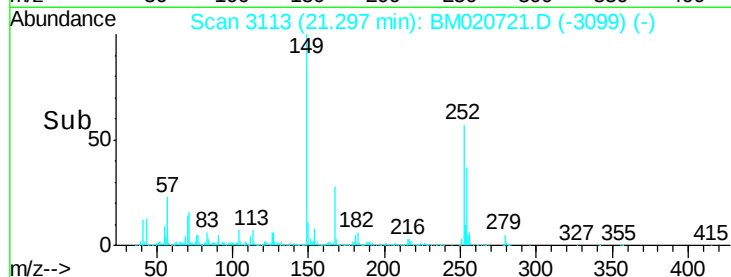
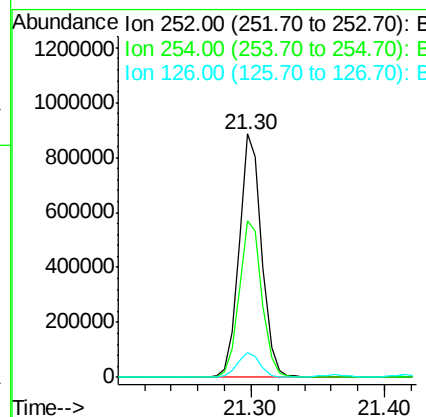
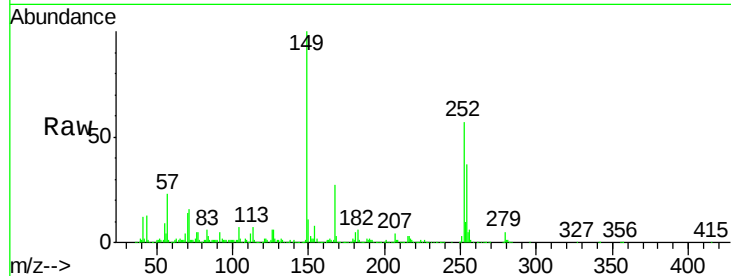
#82
 3,3'-Dichlorobenzidine
 Concen: 33.346 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.6	78.8
126	10.2	8.0	12.0

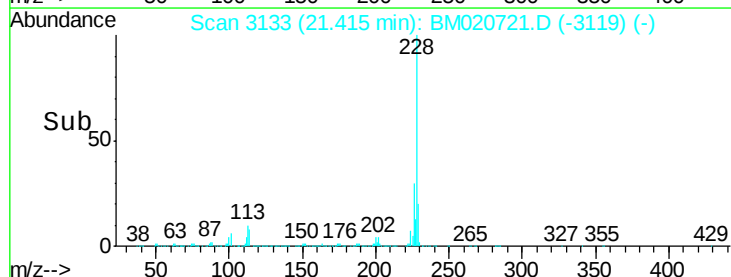
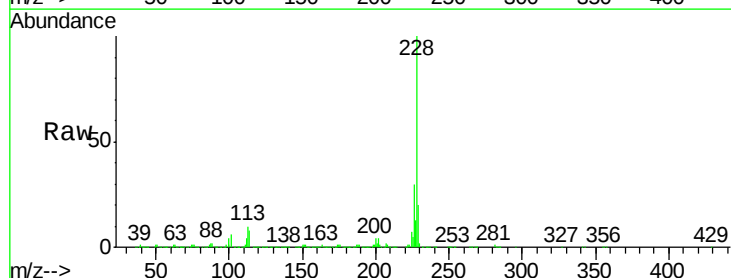
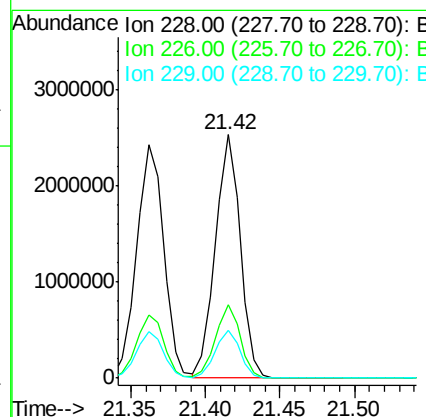
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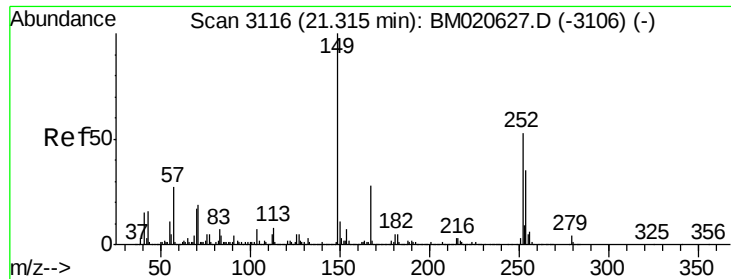
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#83
 Chrysene
 Concen: 36.586 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.5	15.8	23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.163 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tgt Ion:149 Resp: 1913751

Ion Ratio Lower Upper

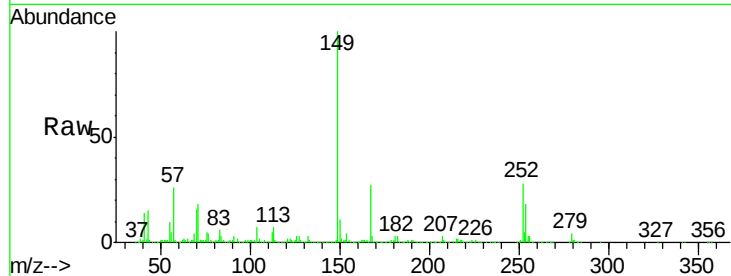
149 100

167 27.3 22.1 33.1

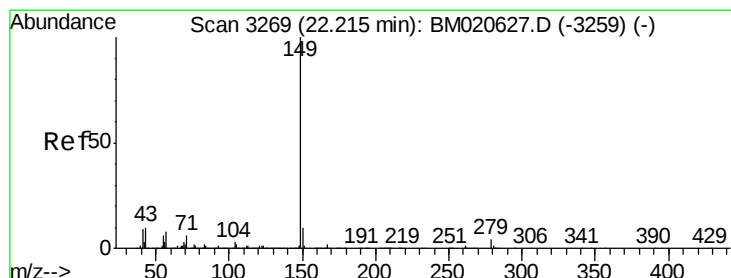
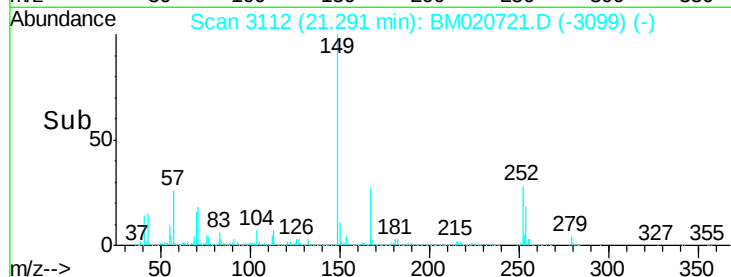
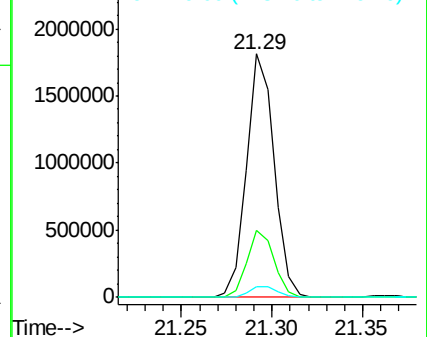
279 4.1 3.4 5.0

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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 33.858 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.03 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

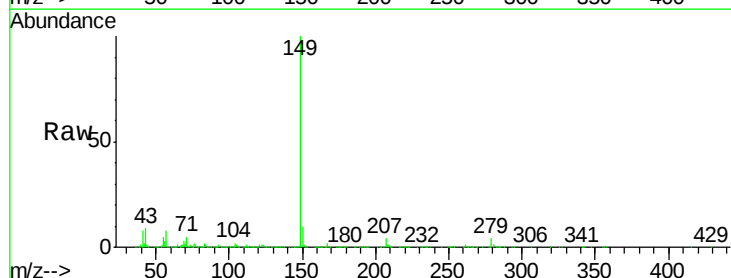
Tgt Ion:149 Resp: 3102000

Ion Ratio Lower Upper

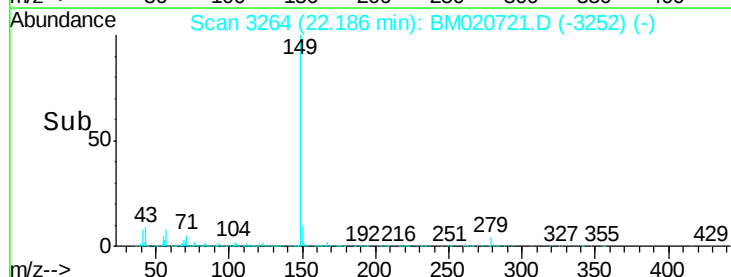
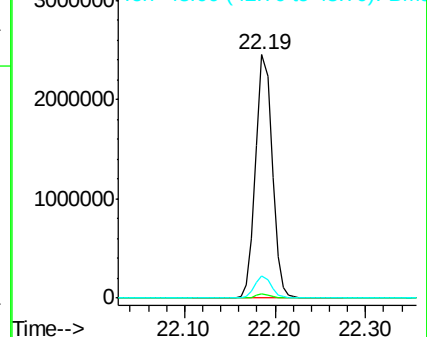
149 100

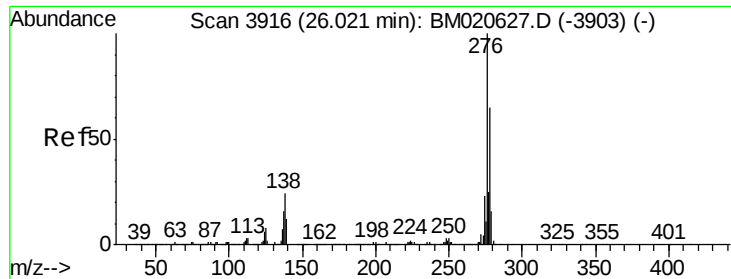
167 1.5 1.3 1.9

43 9.3 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0





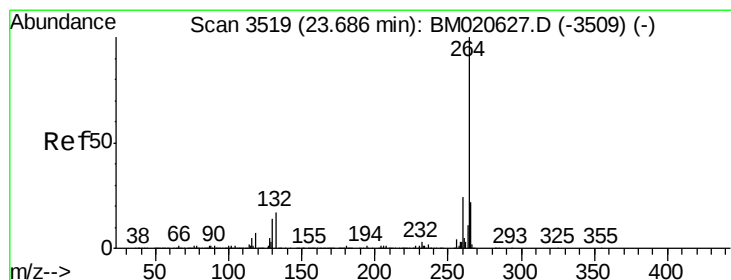
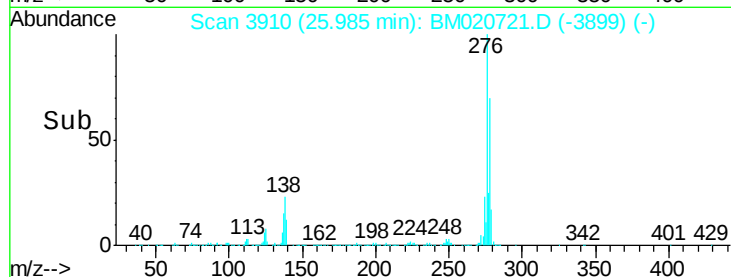
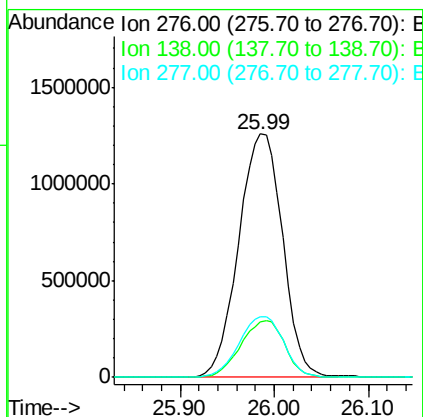
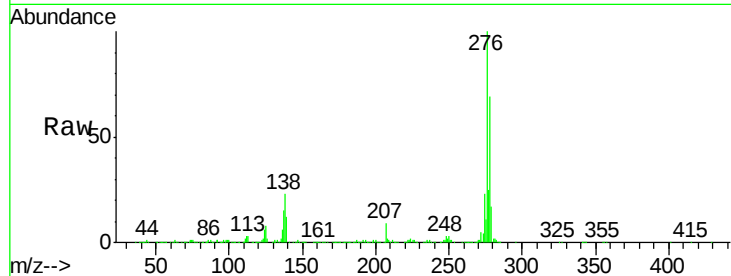
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.951 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.04 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	19.8	29.8
277	25.2	20.2	30.4

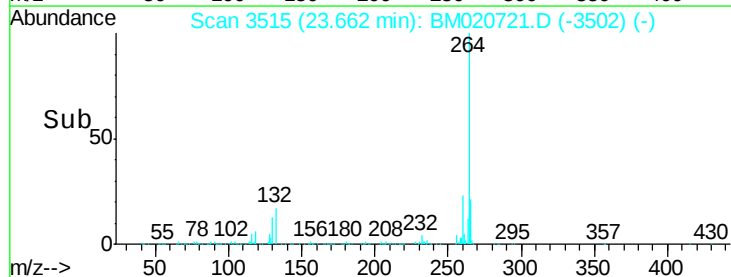
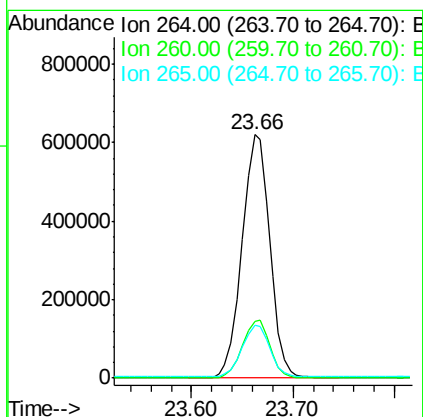
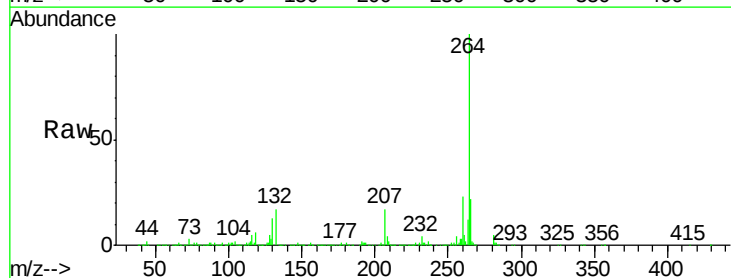
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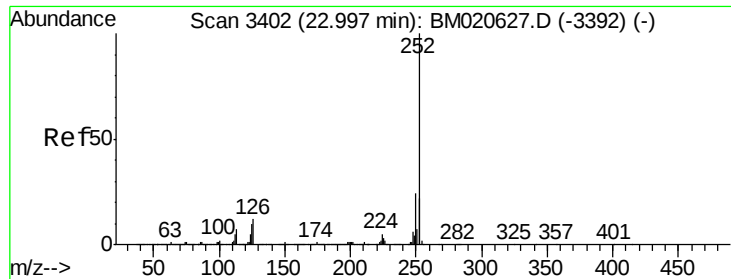
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	17.6	26.4





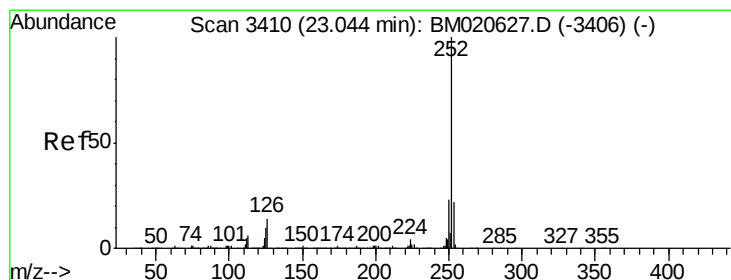
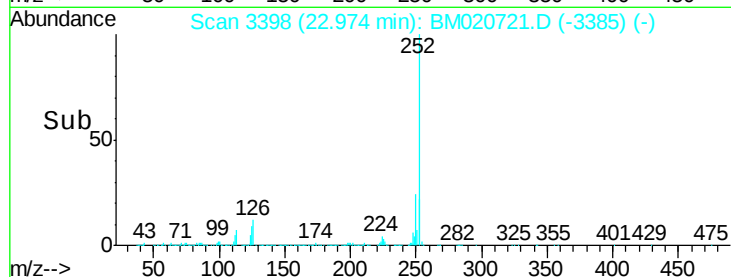
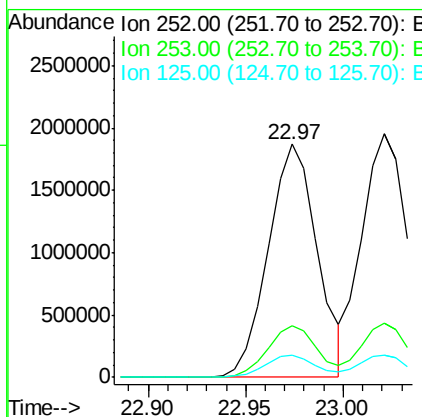
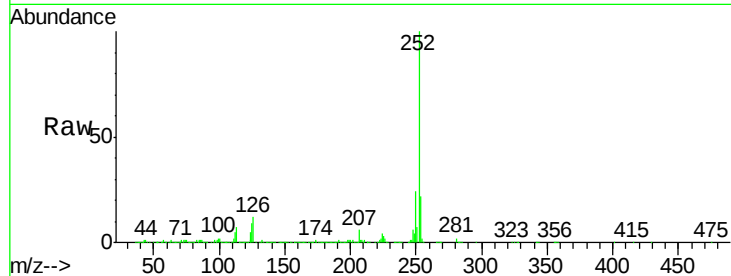
#88
 Benzo(b)fluoranthene
 Concen: 41.688 ng
 RT: 22.97 min Scan# 3398
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.3	7.8	11.8

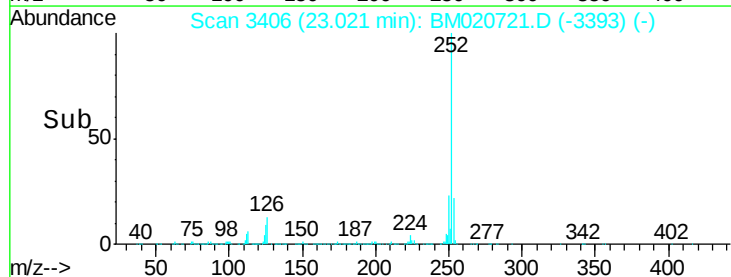
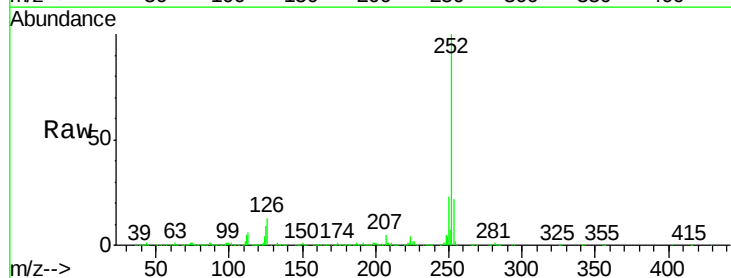
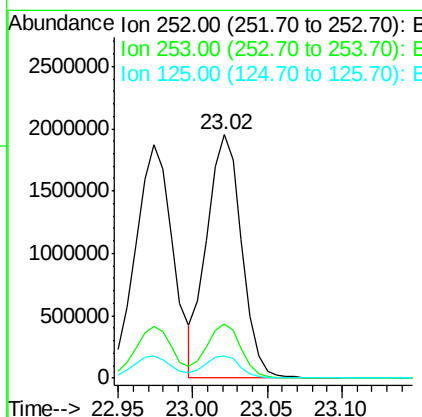
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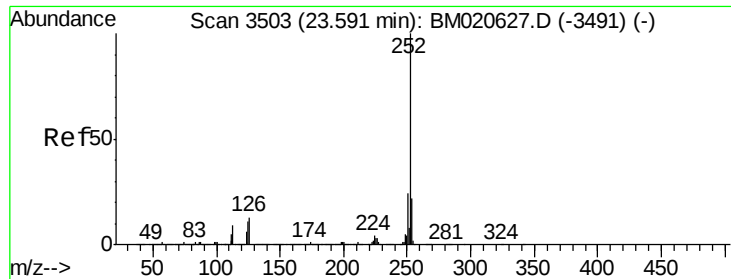
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#89
 Benzo(k)fluoranthene
 Concen: 41.470 ng
 RT: 23.02 min Scan# 3406
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.2	7.8	11.8





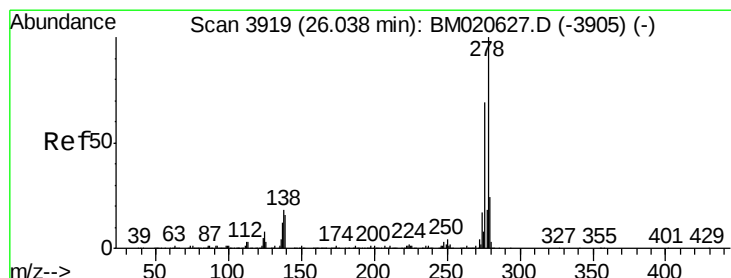
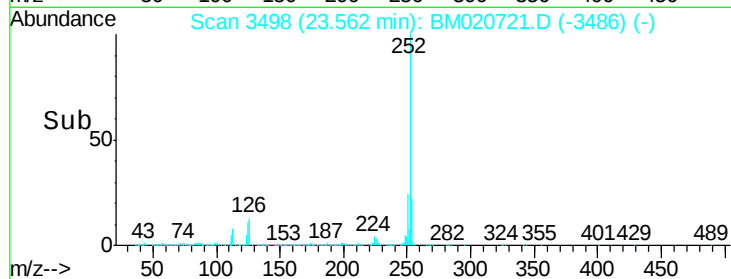
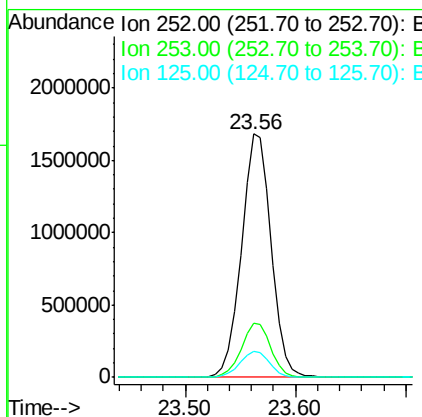
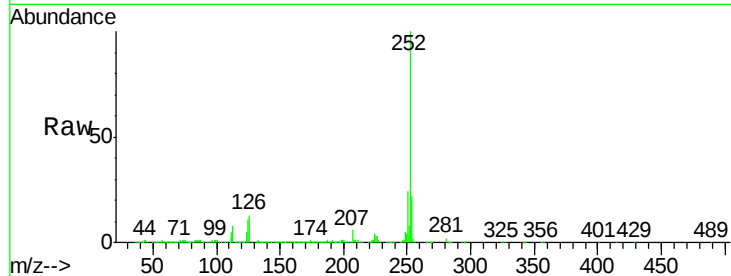
#90
Benzo(a)pyrene
Concen: 44.763 ng
RT: 23.56 min Scan# 3498
Delta R.T. -0.03 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion: 252 Resp: 3170600
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.6 8.6 13.0

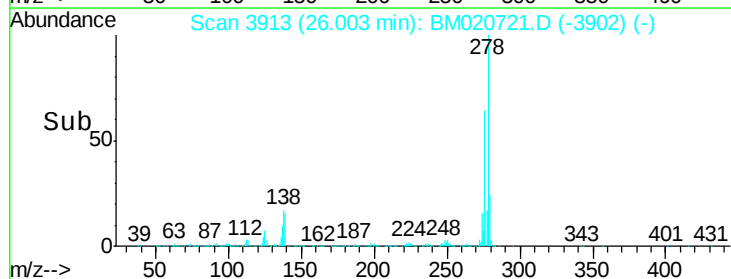
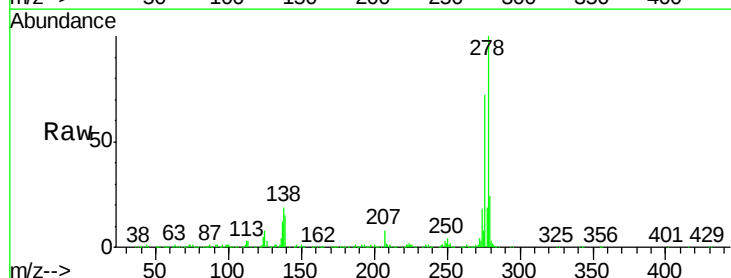
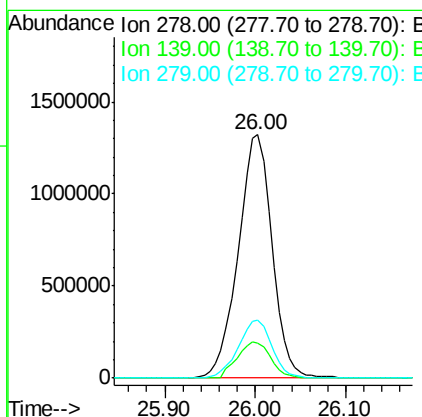
Manual Integrations
APPROVED

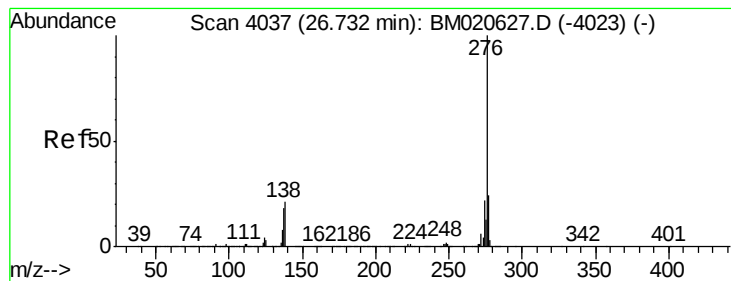
mohammad
6/5/2019 3:41:51 PM



#91
Dibenzo(a,h)anthracene
Concen: 49.934 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion: 278 Resp: 3431419
Ion Ratio Lower Upper
278 100
139 14.5 12.6 18.8
279 23.7 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 52.029 ng

RT: 26.70 min Scan# 4031

Delta R.T. -0.04 min

Lab File: BM020721.D

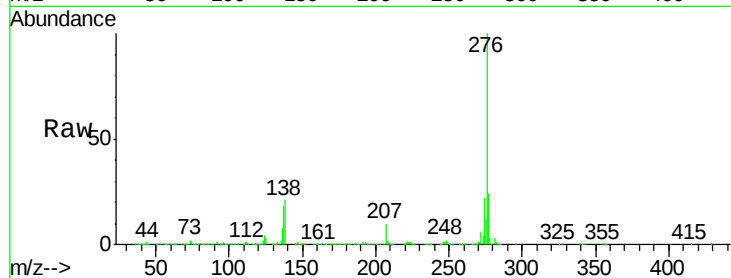
Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD



Tgt Ion: 276 Resp: 3320978

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

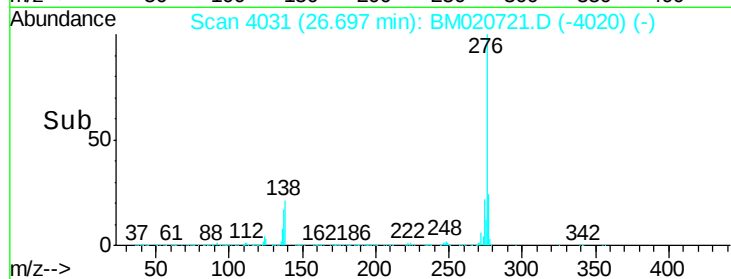
138 20.7 17.0 25.4

Manual Integrations

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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

