

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020709.D
 Acq On : 04 Jun 2019 18:48
 Operator : HP/JU
 Sample : PB120137BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Manual Integrations
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 6/5/2019 3:41:32 PM

Quant Time: Jun 05 03:51:10 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	7.83	152	316143	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1199603	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	615611	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1195680	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1009918	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1180340	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2435584	135.52	ng	0.00
7) Phenol-d6	6.99	99	3155460	119.24	ng	0.00
23) Nitrobenzene-d5	8.99	82	1924039	83.10	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1039197	136.25	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	4154020	89.71	ng	0.00
79) Terphenyl-d14	19.83	244	4717759	78.14	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	308004	41.859	ng	97
3) Pyridine	3.74	79	852589	36.418	ng	98
4) n-Nitrosodimethylamine	3.66	42	390991	38.743	ng	96
6) Aniline	7.16	93	1079809	28.200	ng	98
8) 2-Chlorophenol	7.39	128	957770	42.838	ng	98
9) Benzaldehyde	6.97	77	292510	15.307	ng	97
10) Phenol	7.02	94	1151243	40.368	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	863005	37.971	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1009347	39.280	ng	99
13) 1,4-Dichlorobenzene	7.86	146	1028824	39.384	ng	98
14) 1,2-Dichlorobenzene	8.17	146	990724	38.972	ng	99
15) Benzyl Alcohol	8.06	79	834706	35.654	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1197554	34.129	ng	99
17) 2-Methylphenol	8.26	107	759175	37.857	ng	99
18) Hexachloroethane	8.90	117	377916	37.786	ng	94
19) n-Nitroso-di-n-propylamine	8.63	70	705441	33.162	ng	96
20) 3+4-Methylphenols	8.59	107	1006024	36.872	ng	97
22) Acetophenone	8.65	105	1317410	43.230	ng	# 96
24) Nitrobenzene	9.03	77	1034360	43.761	ng	98
25) Isophorone	9.55	82	1828689	39.706	ng	100
26) 2-Nitrophenol	9.73	139	448297	50.890	ng	99
27) 2,4-Dimethylphenol	9.79	122	811795	49.179	ng	98
28) bis(2-Chloroethoxy)methane	10.03	93	1117571	40.133	ng	99
29) 2,4-Dichlorophenol	10.26	162	833620	45.646	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	934598	44.506	ng	100
31) Naphthalene	10.67	128	2704478	43.841	ng	100
32) Benzoic acid	9.92	122	462277m	44.868	ng	
33) 4-Chloroaniline	10.78	127	395903	13.790	ng	97
34) Hexachlorobutadiene	10.94	225	543790	43.158	ng	98
35) Caprolactam	11.57	113	231965m	36.562	ng	
36) 4-Chloro-3-methylphenol	11.90	107	848568	39.964	ng	99
37) 2-Methylnaphthalene	12.28	142	1928089	42.168	ng	99
38) 1-Methylnaphthalene	12.50	142	1837344	42.201	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	983957	48.773	ng	99

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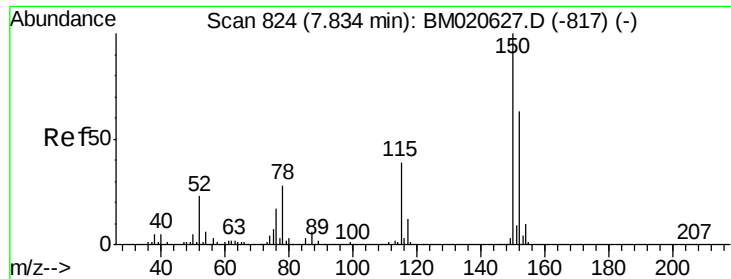
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1249446	103.554	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	616899	47.506	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	648372	48.363	ng	97
46) 1,1'-Biphenyl	13.29	154	2373703	46.169	ng	98
47) 2-Chloronaphthalene	13.33	162	1838837	44.314	ng	100
48) 2-Nitroaniline	13.54	65	509684	39.134	ng	90
49) Acenaphthylene	14.19	152	2879495	44.474	ng	99
50) Dimethylphthalate	13.92	163	2166621	41.195	ng	99
51) 2,6-Dinitrotoluene	14.04	165	466384	43.671	ng	89
52) Acenaphthene	14.53	154	1673115	43.363	ng	99
53) 3-Nitroaniline	14.37	138	273999	22.987	ng	96
54) 2,4-Dinitrophenol	14.57	184	380212	82.507	ng	95
55) Dibenzofuran	14.86	168	2586086	43.154	ng	98
56) 4-Nitrophenol	14.67	139	741806	84.450	ng	91
57) 2,4-Dinitrotoluene	14.83	165	604738	42.292	ng	95
58) Fluorene	15.51	166	2063693	41.876	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	544653	46.623	ng	98
60) Diethylphthalate	15.29	149	2130065	39.268	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1067883	40.926	ng	98
62) 4-Nitroaniline	15.53	138	441376	34.914	ng	96
63) Azobenzene	15.80	77	2011627	38.682	ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	234254	43.965	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1760835	46.003	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	620580	44.082	ng	96
68) Hexachlorobenzene	16.50	284	710173	43.201	ng	96
69) Atrazine	16.67	200	551510	48.277	ng	100
70) Pentachlorophenol	16.85	266	810298	103.323	ng	100
71) Phenanthrene	17.25	178	2936681	43.330	ng	100
72) Anthracene	17.34	178	3015806	44.458	ng	100
73) Carbazole	17.61	167	2589592	42.068	ng	99
74) Di-n-butylphthalate	18.17	149	3158738	39.529	ng	100
75) Fluoranthene	19.26	202	3103192	41.172	ng	99
77) Benzidine	19.45	184	1434237	46.868	ng	99
78) Pyrene	19.62	202	3151858	40.669	ng	100
80) Butylbenzylphthalate	20.53	149	1260148	38.476	ng	93
81) Benzo(a)anthracene	21.37	228	2911939	41.404	ng	100
82) 3,3'-Dichlorobenzidine	21.30	252	863267	33.520	ng	100
83) Chrysene	21.42	228	2879060	43.066	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1773266	37.253	ng	100
85) Di-n-octyl phthalate	22.19	149	2952076	39.063	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4077042	59.612	ng	99
88) Benzo(b)fluoranthene	22.98	252	3236198	41.482	ng	100
89) Benzo(k)fluoranthene	23.03	252	3119736	40.921	ng	99
90) Benzo(a)pyrene	23.57	252	3162803	44.696	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	3437795	50.076	ng	98
92) Benzo(g,h,i)perylene	26.71	276	3324301	52.132	ng	99

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



#1

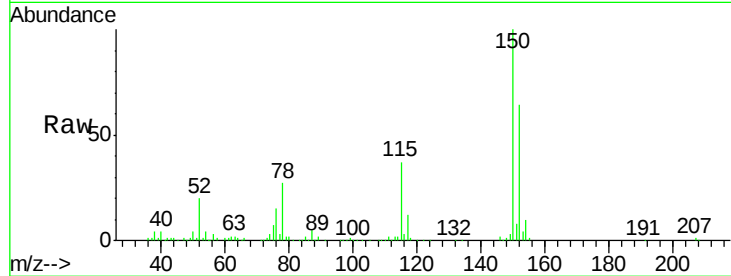
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
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PB120137BS

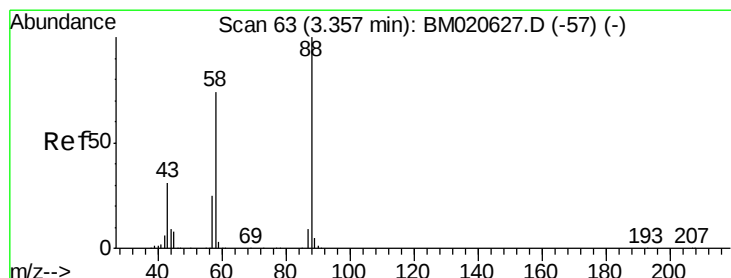
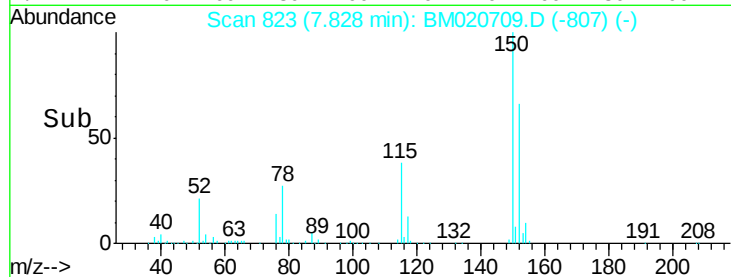
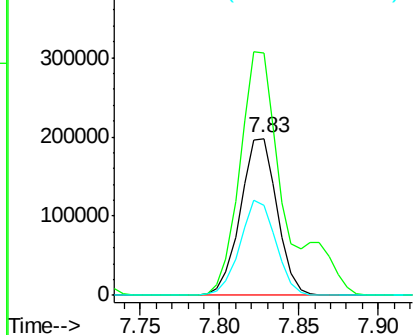
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.0	189.0
115	57.3	49.6	74.4

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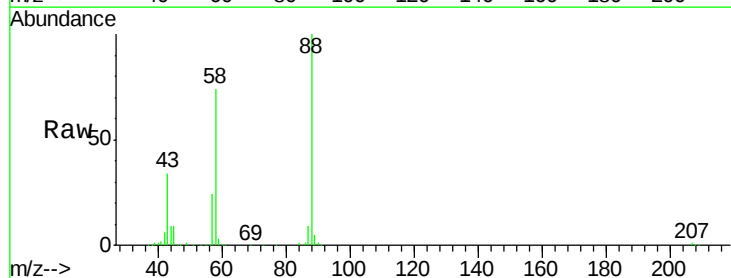
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



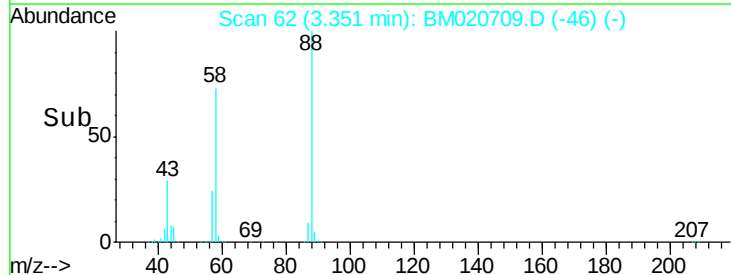
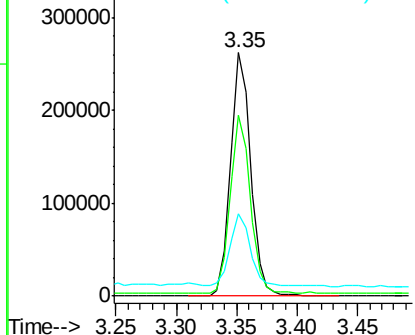
#2

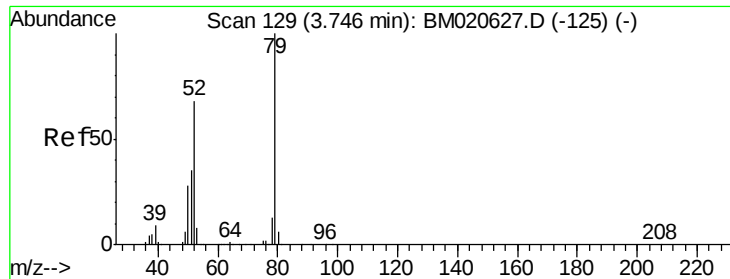
1,4-Dioxane
Concen: 41.859 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.9	60.2	90.4
43	29.6	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: 36.418 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

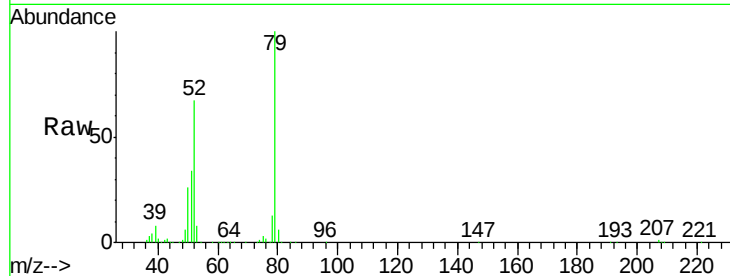
ClientSampleId :

PB120137BS

Tgt Ion:	79	Resp:	852589
Ion	Ratio	Lower	Upper
79	100		
52	67.2	54.1	81.1
51	33.6	28.6	42.8

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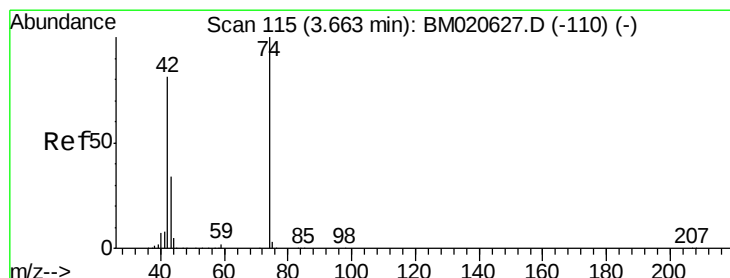
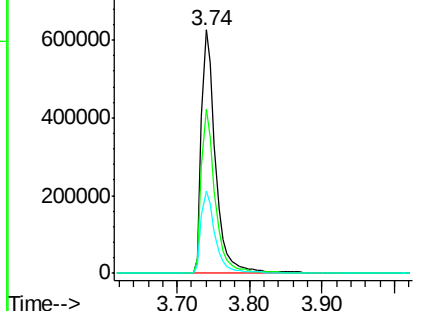
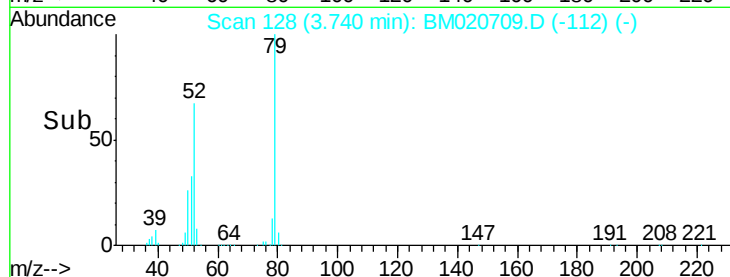


Abundance Ion 79.00 (78.70 to 79.70): BM020627.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020627.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020627.D (-125) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 38.743 ng

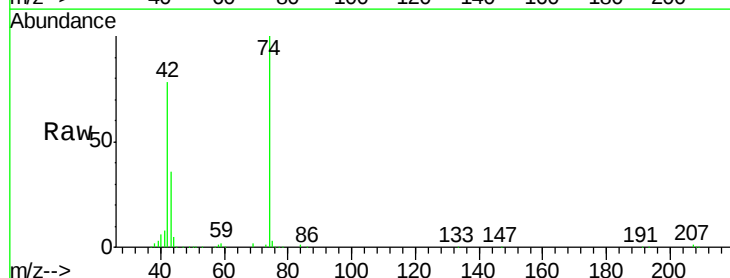
RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion:	42	Resp:	390991
Ion	Ratio	Lower	Upper
42	100		
74	128.5	99.4	149.0
44	6.4	5.8	8.8

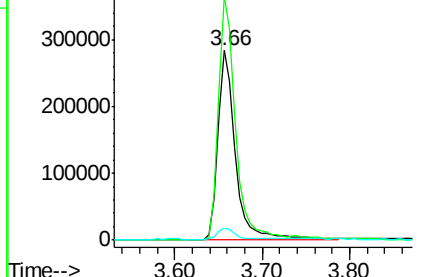
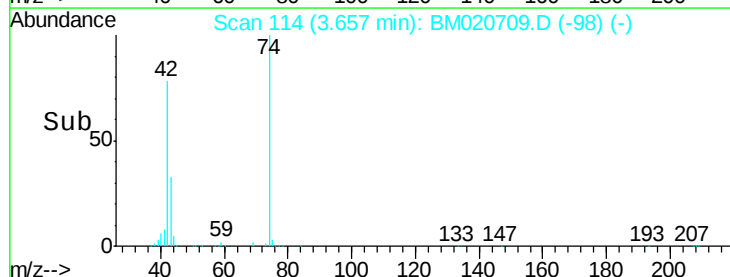


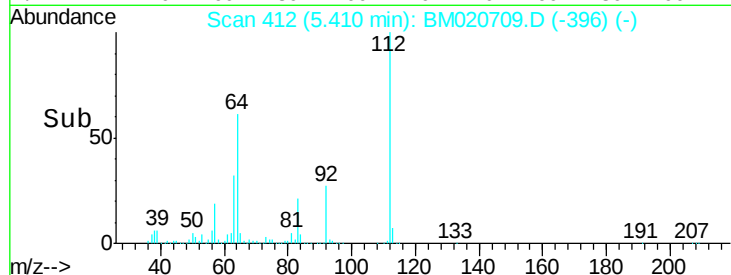
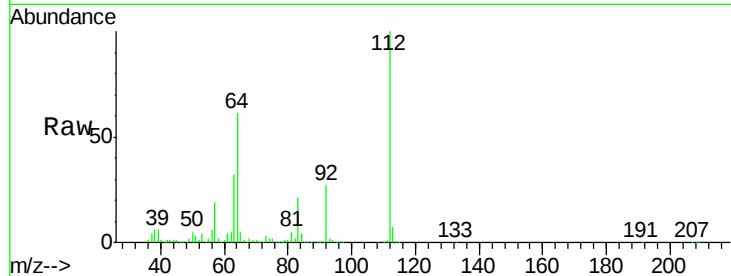
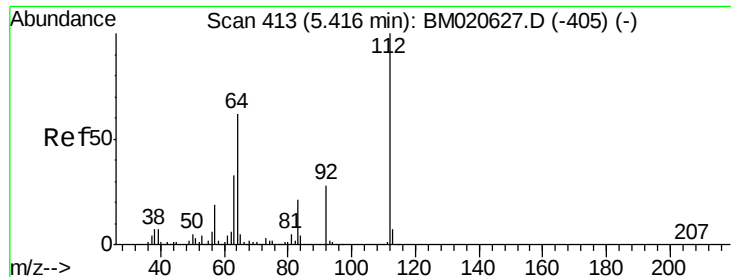
Abundance Ion 42.00 (41.70 to 42.70): BM020627.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020627.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020627.D (-110) (-)

Time-->





#5

2-Fluorophenol

Concen: 135.519 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion:	112	Resp:	2435584
Ion	Ratio	Lower	Upper
112	100		
64	60.9	49.7	74.5
63	31.9	26.4	39.6

Instrument :

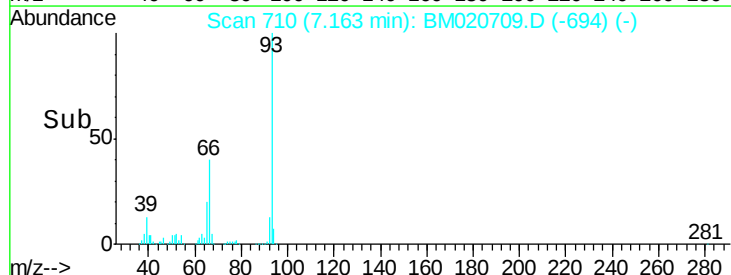
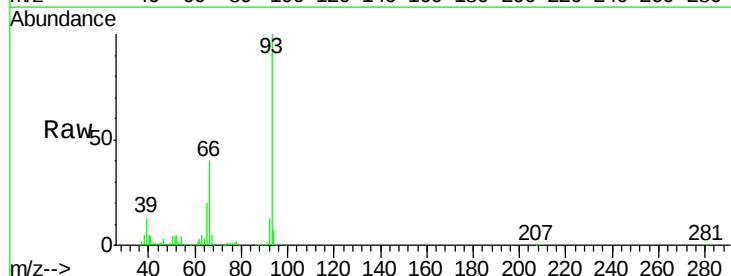
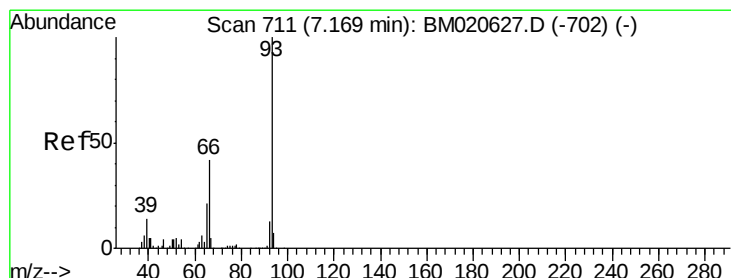
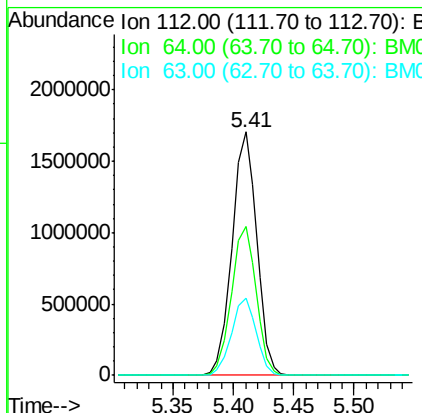
BNA_M

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#6

Aniline

Concen: 28.200 ng

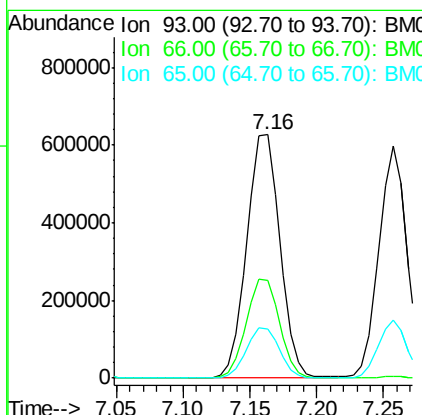
RT: 7.16 min Scan# 710

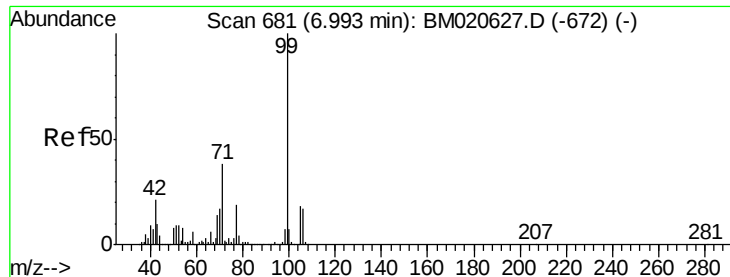
Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion:	93	Resp:	1079809
Ion	Ratio	Lower	Upper
93	100		
66	40.2	33.6	50.4
65	20.3	16.7	25.1





#7

Phenol-d6

Concen: 119.239 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampled :

PB120137BS

Tgt Ion: 99 Resp: 3155460

Ion Ratio Lower Upper

99 100

42 18.9 16.5 24.7

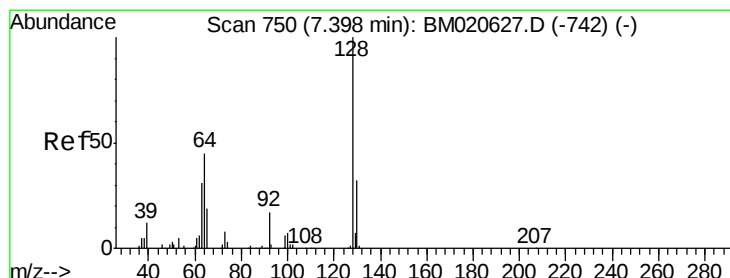
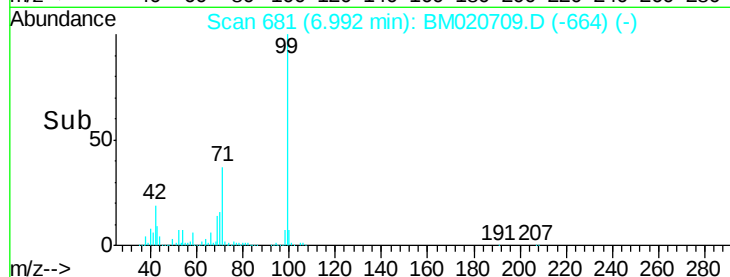
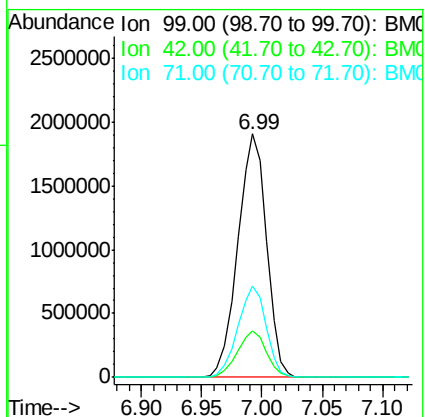
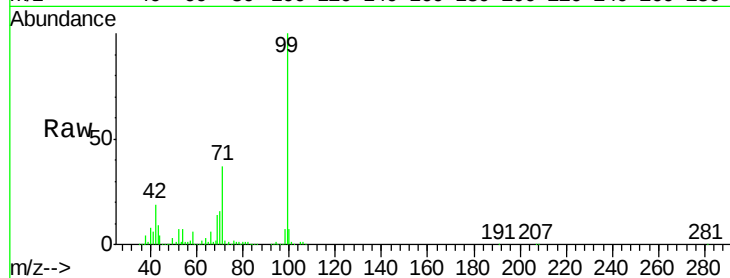
71 37.3 30.7 46.1

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#8

2-Chlorophenol

Concen: 42.838 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

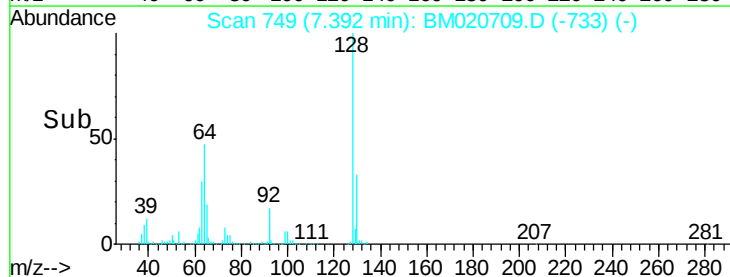
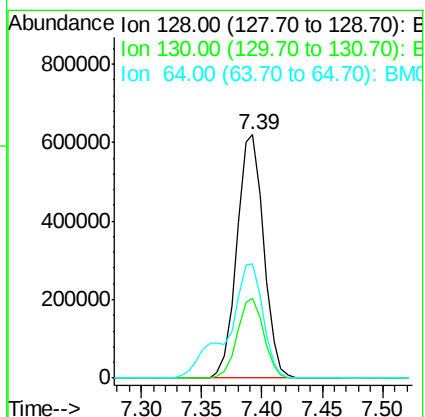
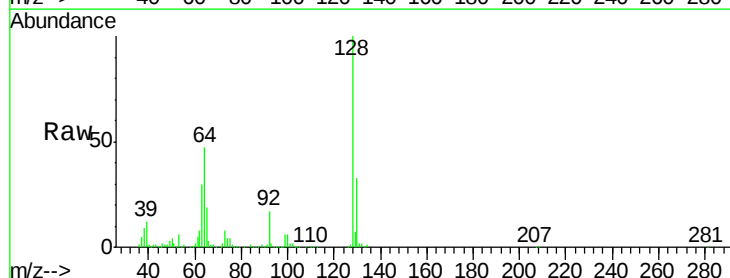
Tgt Ion: 128 Resp: 957770

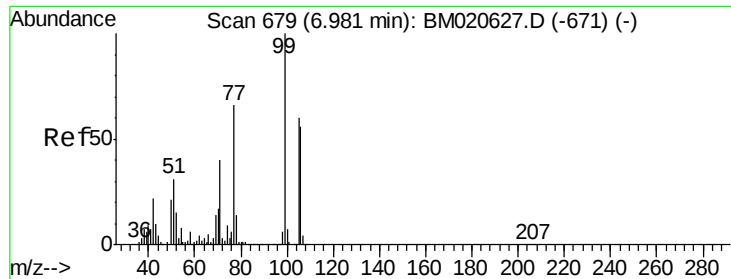
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 47.1 29.1 69.1





#9

Benzaldehyde

Concen: 15.307 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

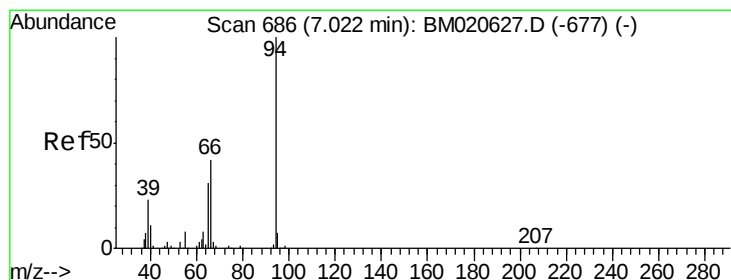
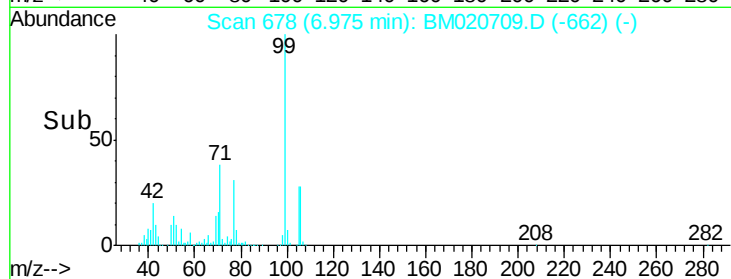
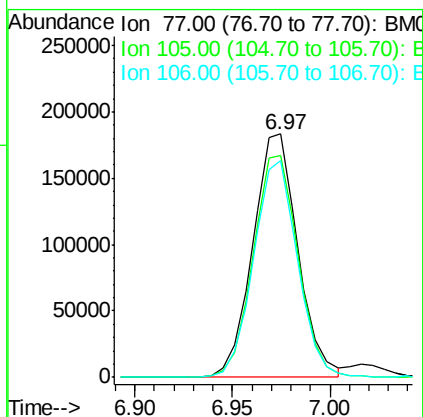
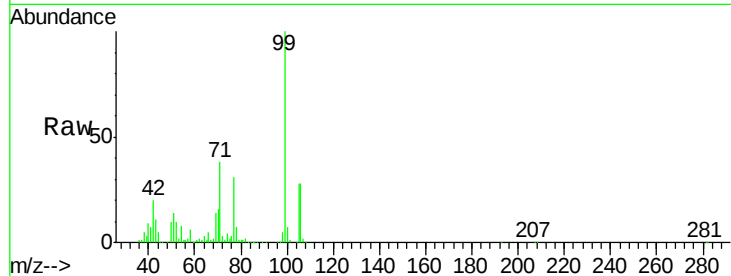
ClientSampleId :

PB120137BS

Tgt Ion:	77	Resp:	292510
Ion	Ratio	Lower	Upper
77	100		
105	91.3	70.6	110.6
106	89.0	64.9	104.9

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#10

Phenol

Concen: 40.368 ng

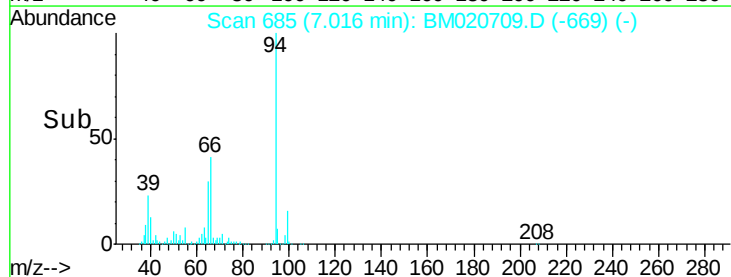
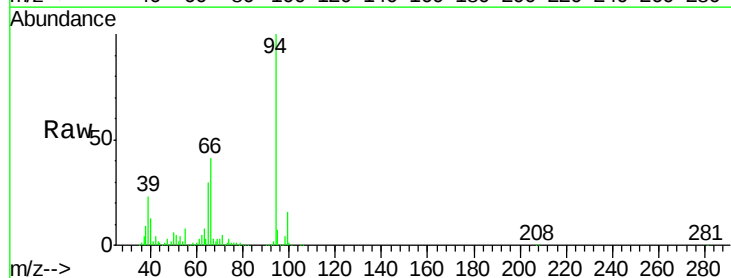
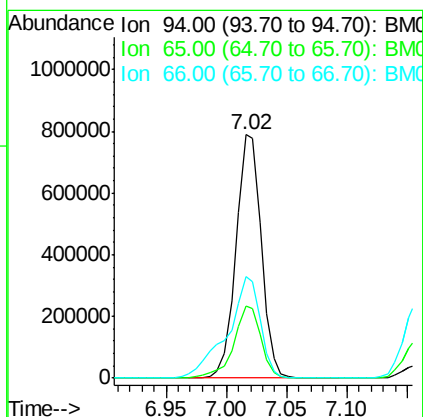
RT: 7.02 min Scan# 685

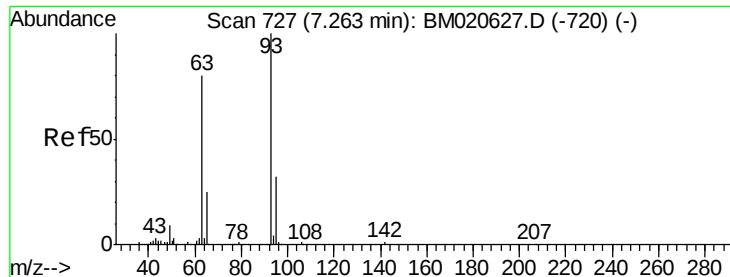
Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion:	94	Resp:	1151243
Ion	Ratio	Lower	Upper
94	100		
65	29.5	10.7	50.7
66	41.5	22.3	62.3





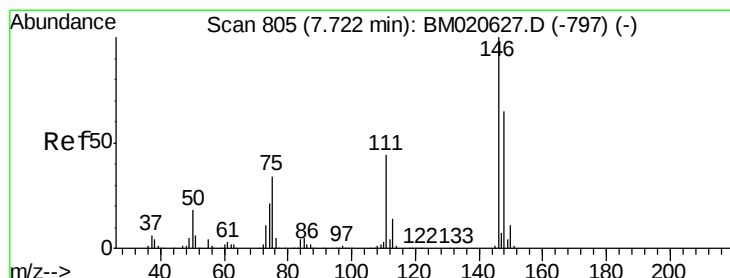
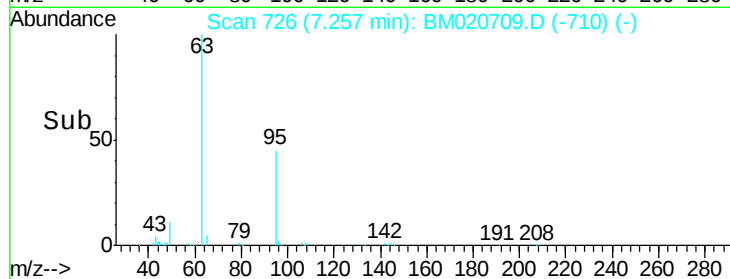
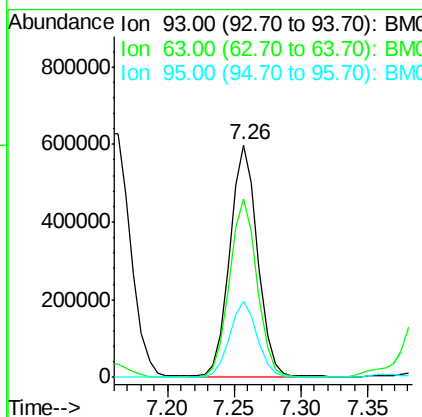
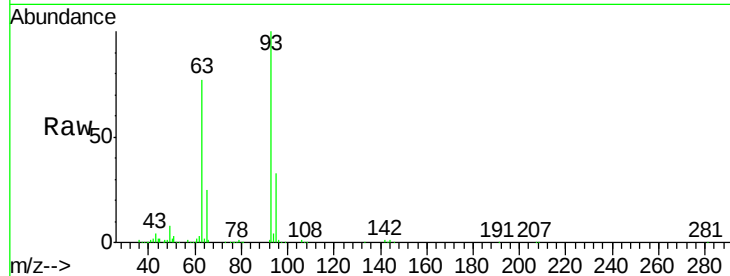
#11
bis(2-Chloroethyl)ether
Concen: 37.971 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	863005		
63	76.9	60.0	100.0	
95	32.7	12.2	52.2	

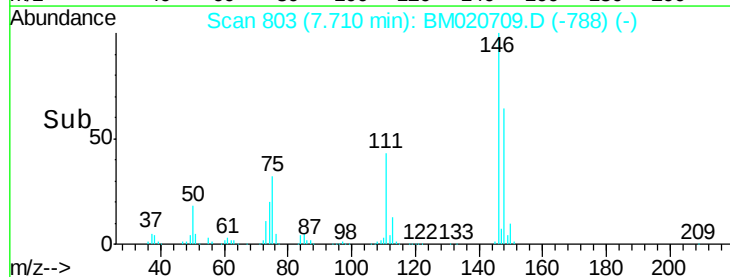
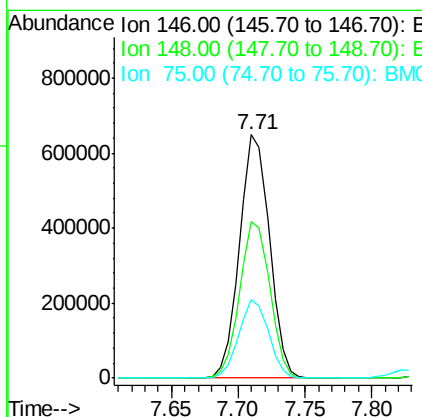
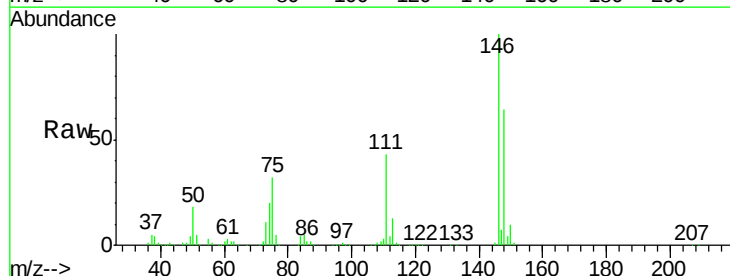
Manual Integrations
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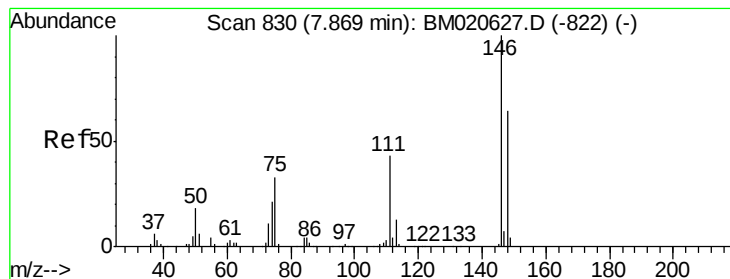
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.280 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1009347		
148	64.3	52.0	78.0	
75	32.5	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 39.384 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tgt Ion:146 Resp: 1028824

Ion Ratio Lower Upper

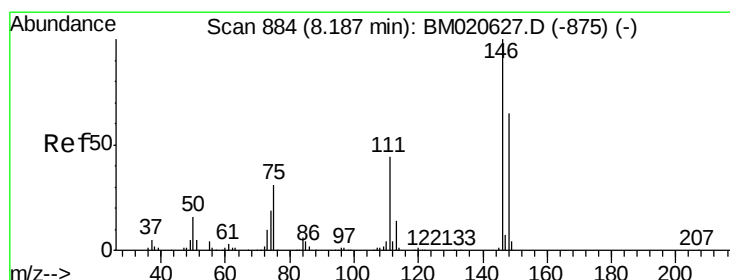
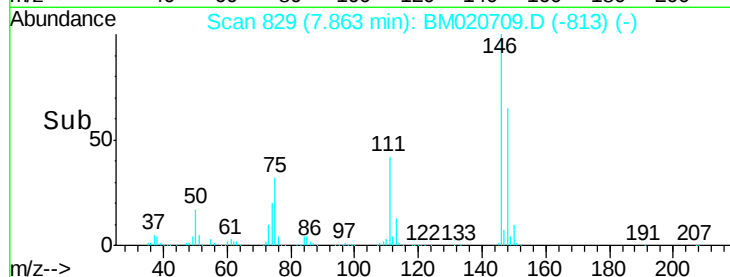
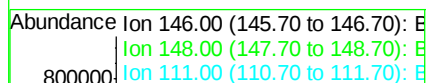
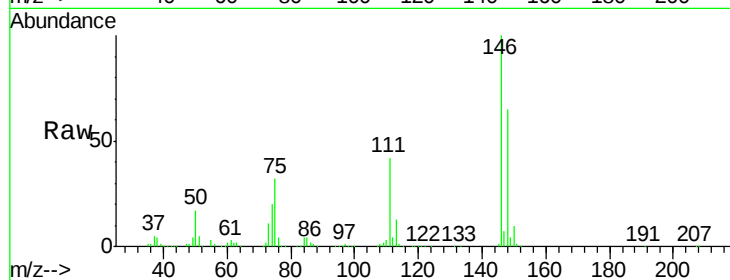
146 100

148 64.8 51.0 76.4

111 41.8 34.4 51.6

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#14

1,2-Dichlorobenzene

Concen: 38.972 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

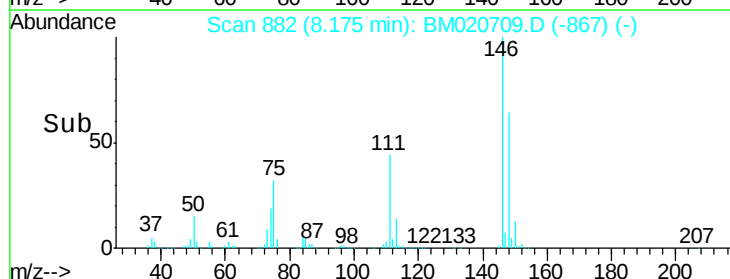
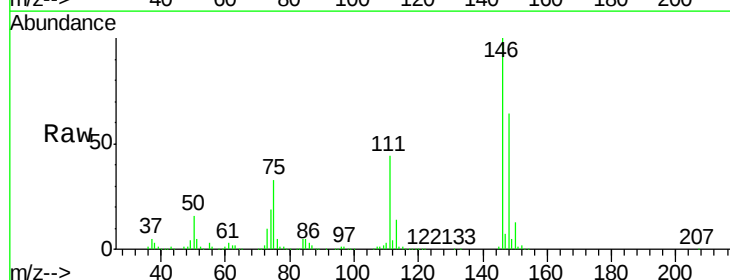
Tgt Ion:146 Resp: 990724

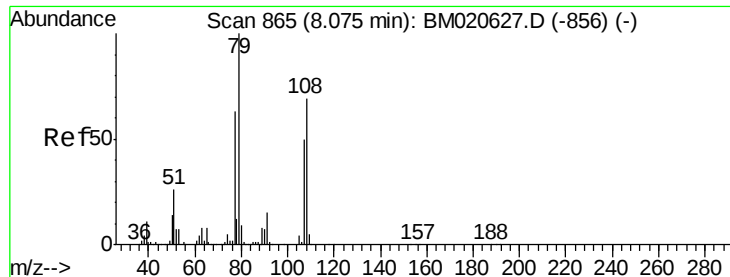
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

111 44.0 35.1 52.7





#15

Benzyl Alcohol

Concen: 35.654 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tgt Ion: 79 Resp: 834706

Ion Ratio Lower Upper

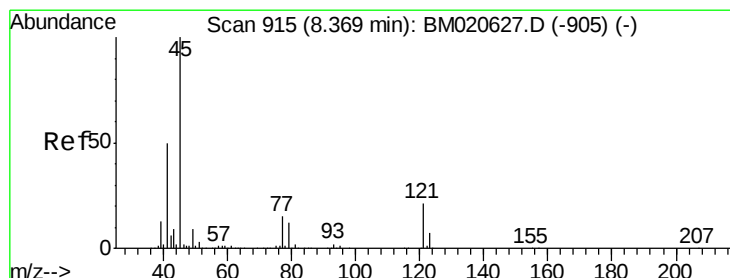
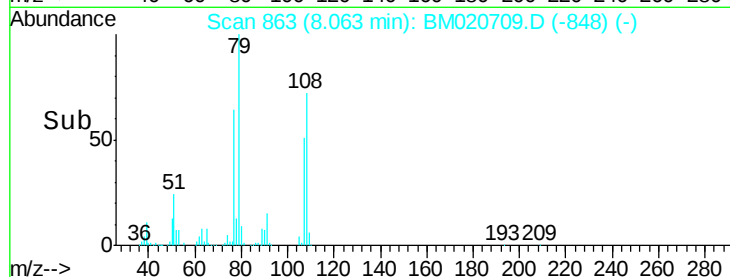
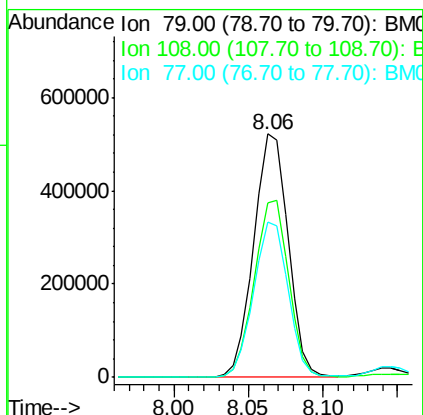
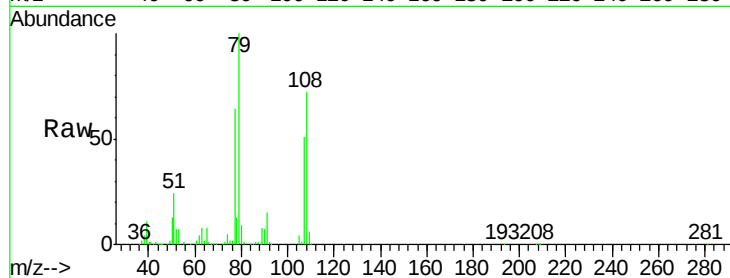
79 100

108 71.7 54.9 82.3

77 63.7 50.2 75.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.129 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

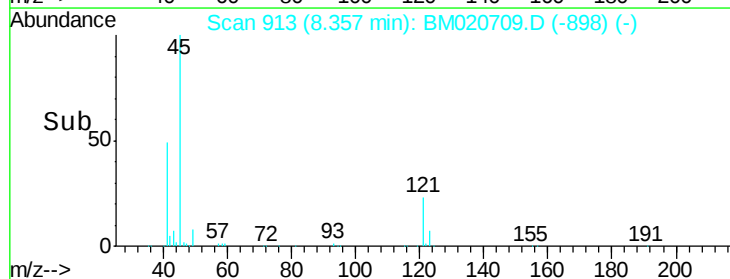
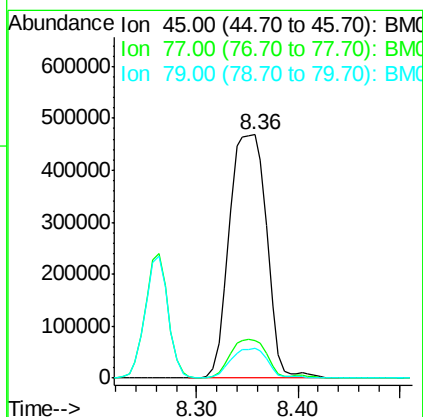
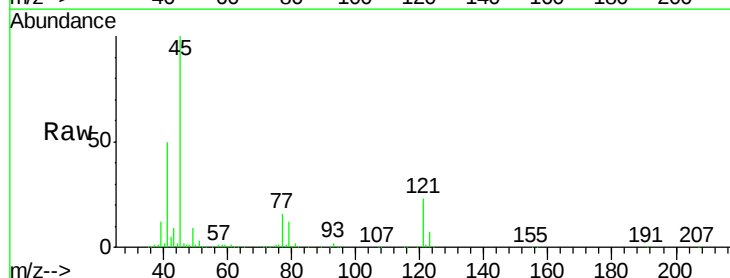
Tgt Ion: 45 Resp: 1197554

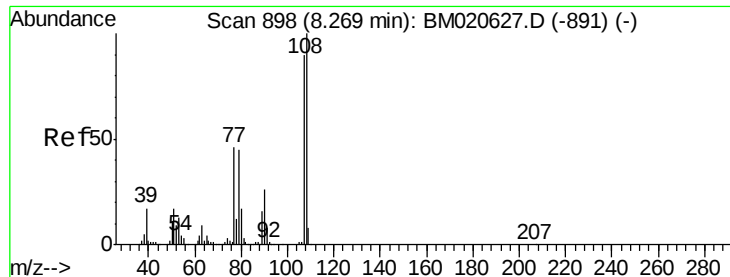
Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.9

79 12.0 0.0 31.8





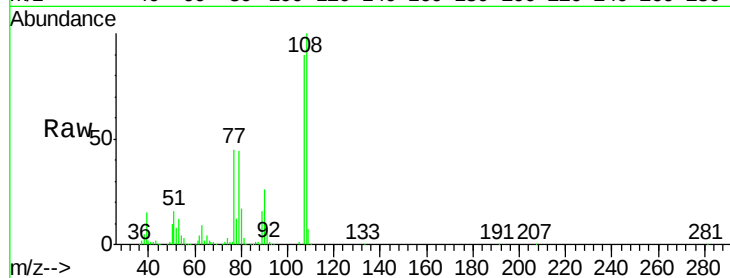
#17
2-Methylphenol
Concen: 37.857 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

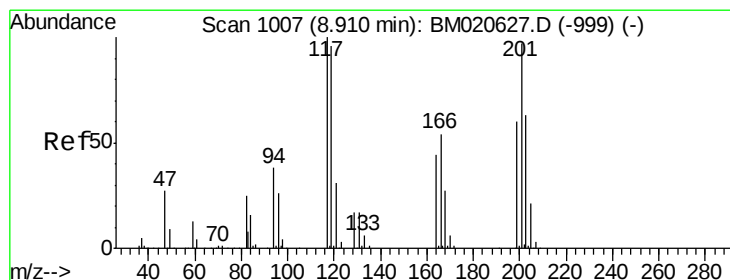
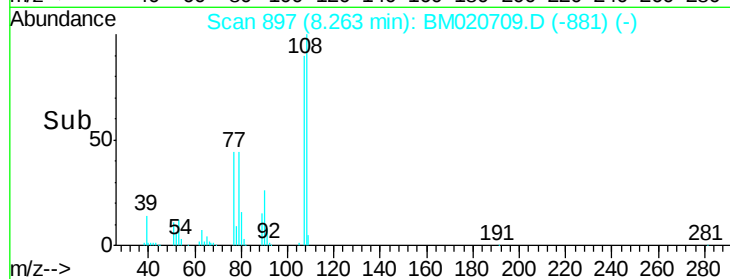
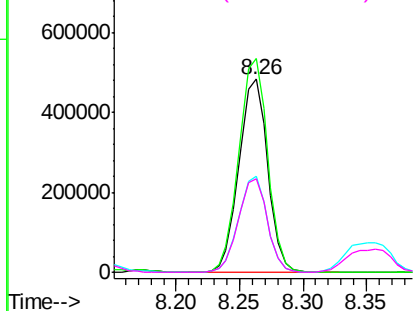
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	759175		
108	110.5	88.6	133.0	
77	49.5	40.6	61.0	
79	48.3	39.9	59.9	

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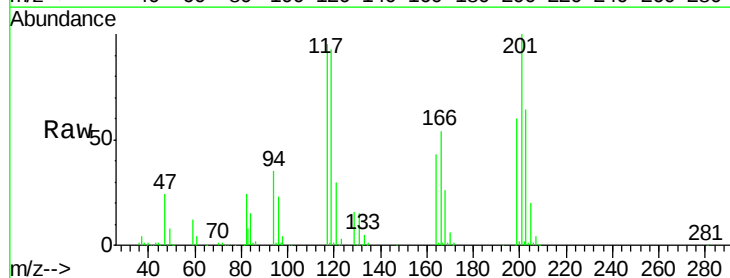


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

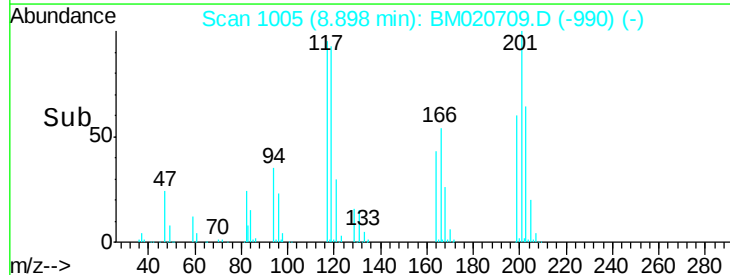
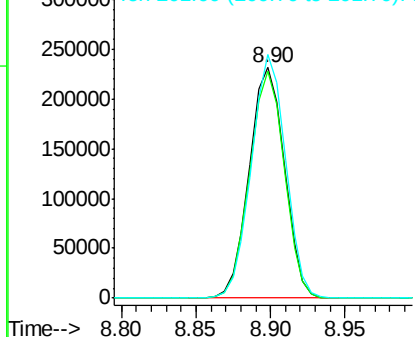


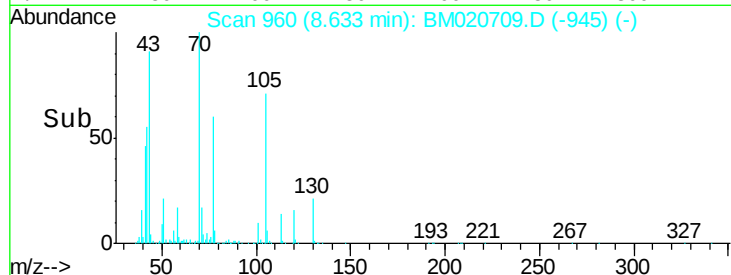
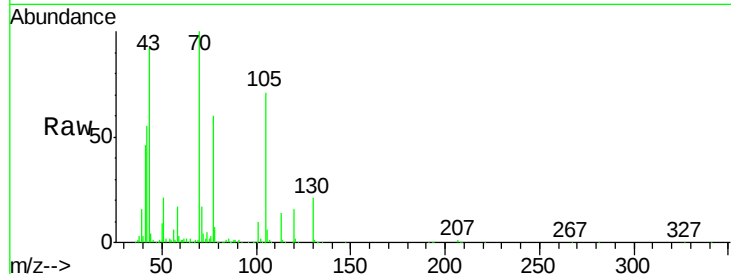
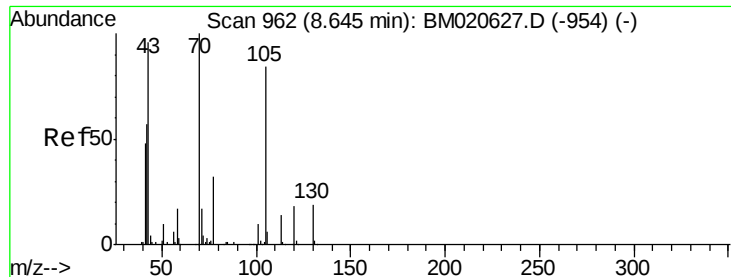
#18
Hexachloroethane
Concen: 37.786 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	377916		
119	98.8	76.7	115.1	
201	105.6	77.9	116.9	



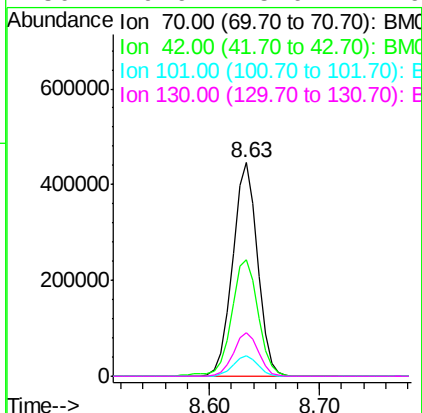
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 33.162 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

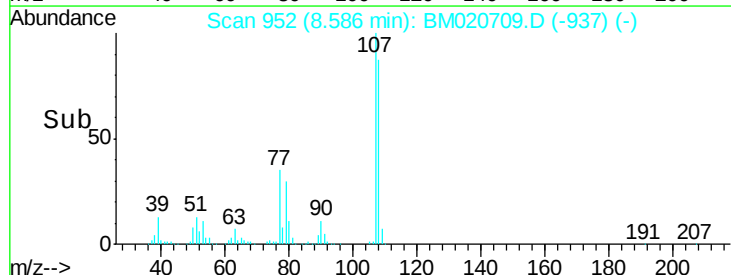
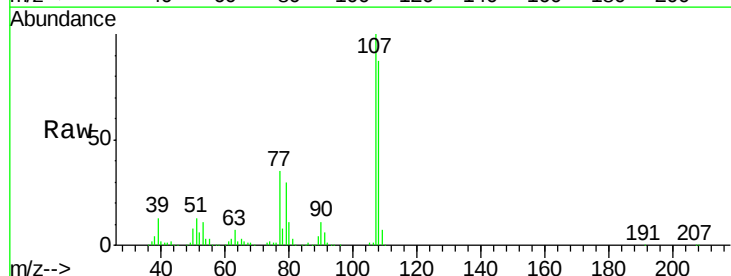
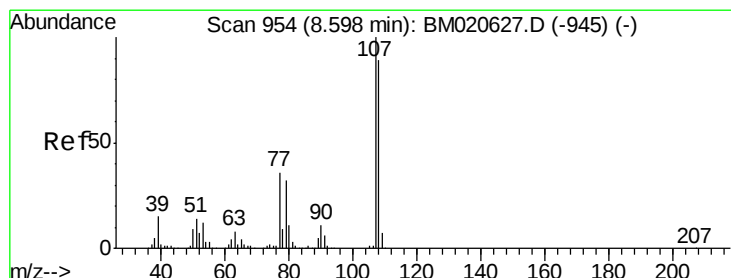
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.7	46.8	70.2
101	9.8	7.8	11.6
130	20.6	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
PB120137BS

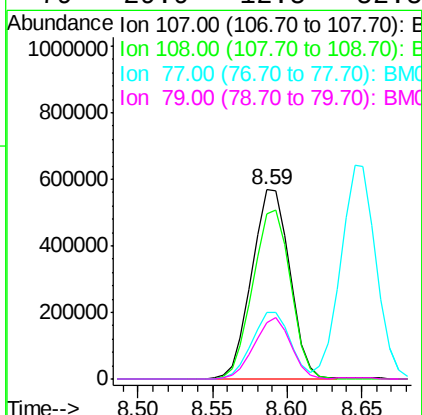
Manual Integrations
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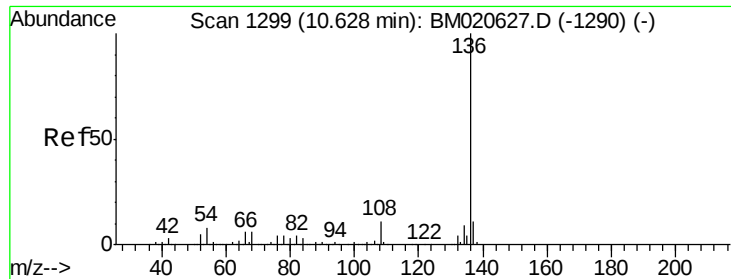
mohammad
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#20
3+4-Methylphenols
Concen: 36.872 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

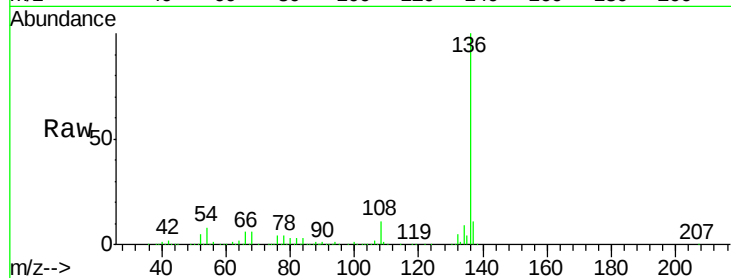
Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.2	109.2
77	35.0	16.2	56.2
79	29.9	12.5	52.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

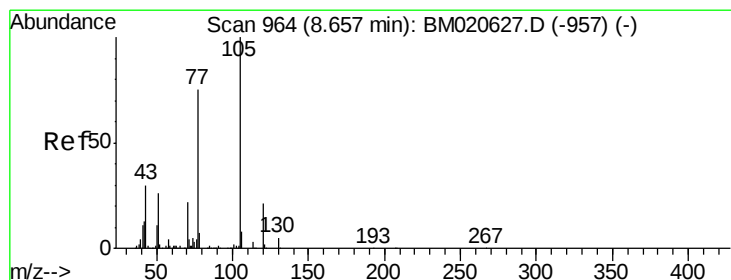
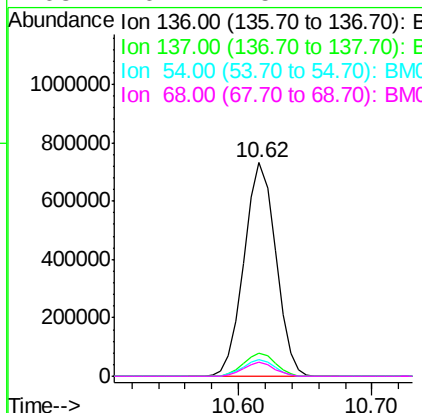
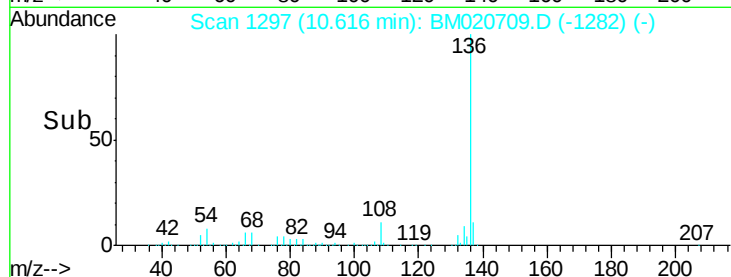
Instrument :
BNA_M
ClientSampleId :
PB120137BS



Tgt Ion:136 Resp: 1199603
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 6.6 10.0
68 6.4 5.1 7.7

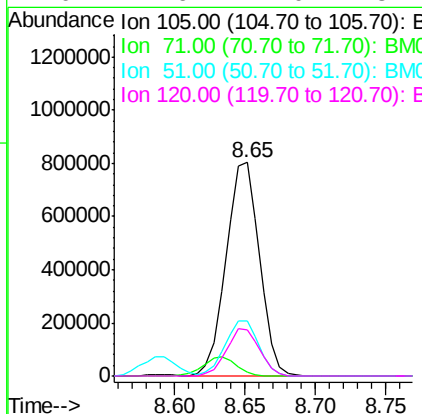
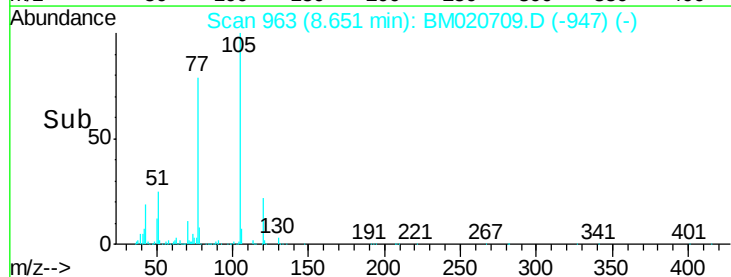
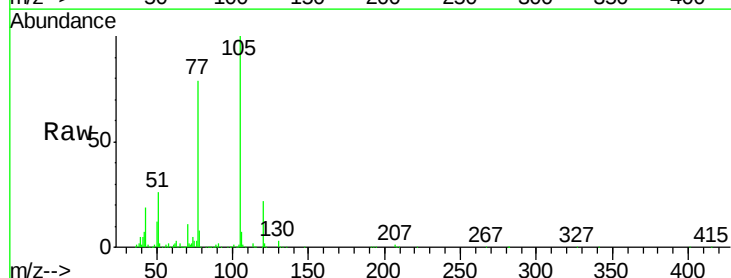
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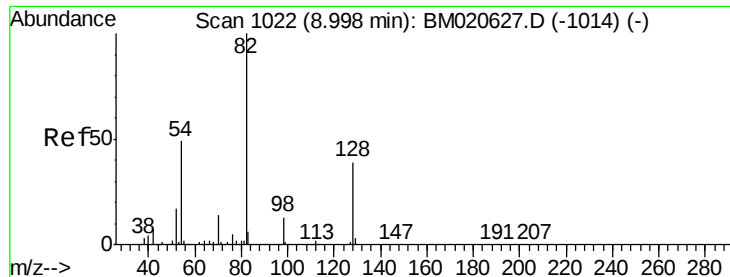
mohammad
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#22
Acetophenone
Concen: 43.230 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:105 Resp: 1317410
Ion Ratio Lower Upper
105 100
71 1.7 3.2 4.8#
51 25.5 22.8 34.2
120 21.6 17.0 25.4





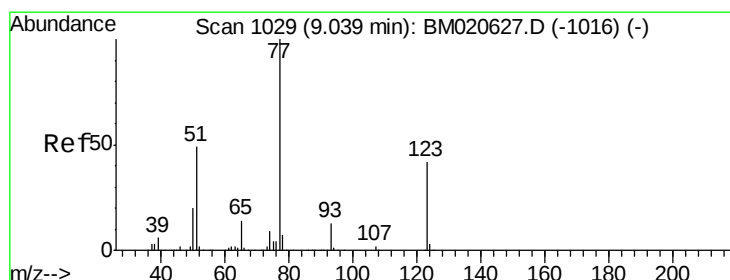
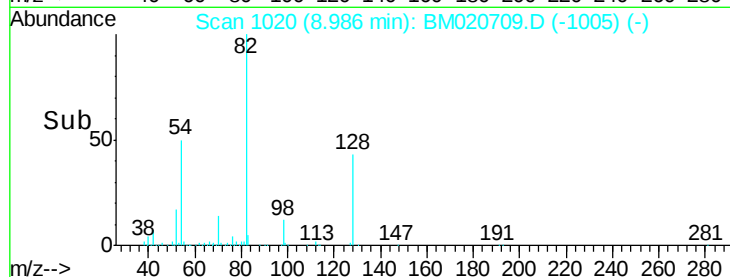
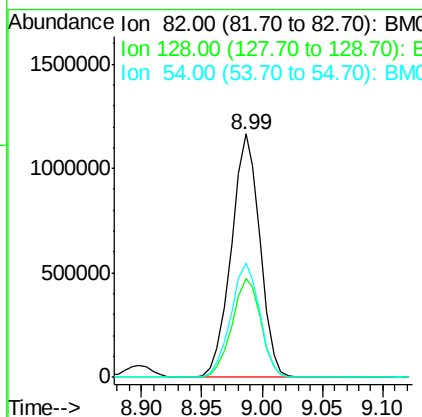
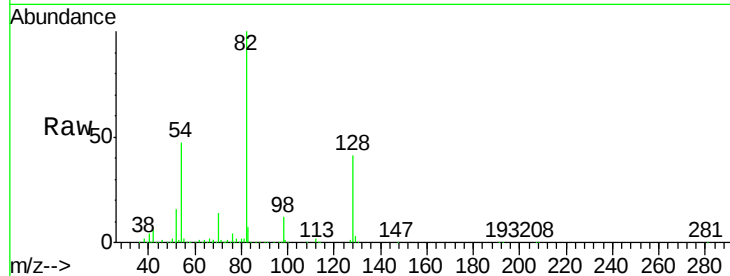
#23
Nitrobenzene-d5
Concen: 83.101 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.5	47.3
54	47.0	39.4	59.0

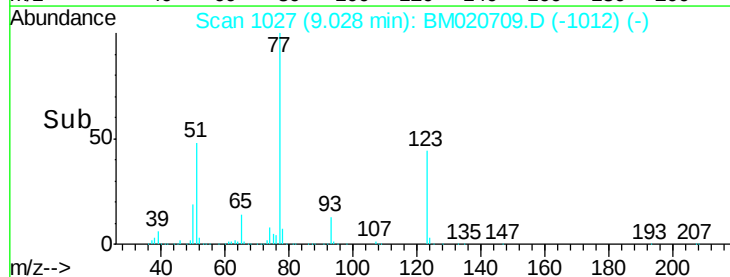
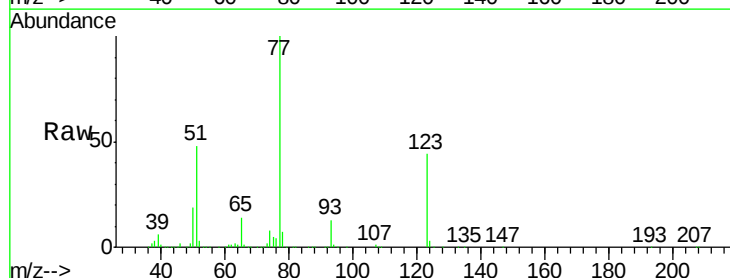
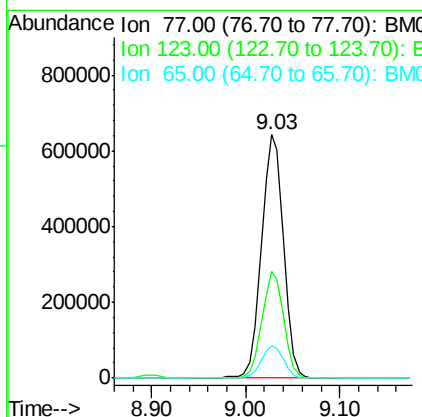
Manual Integrations
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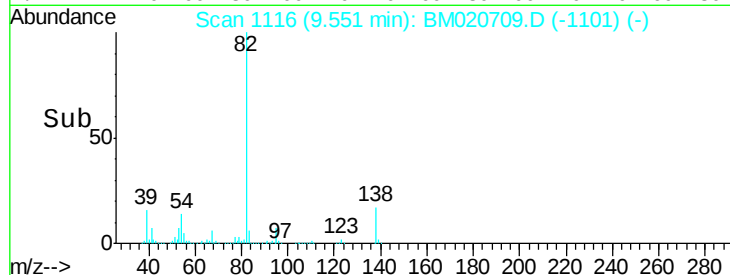
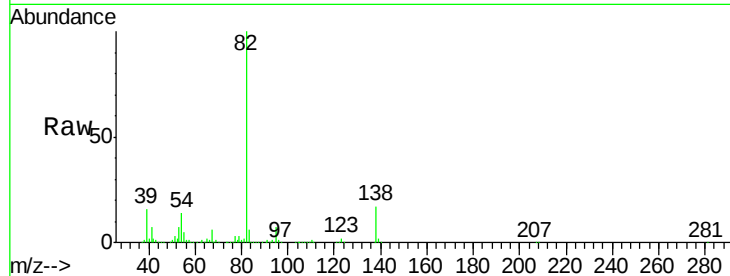
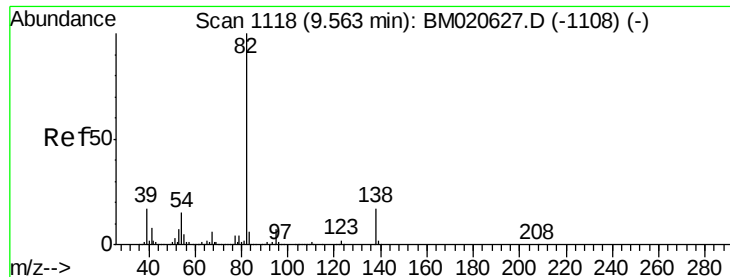
mohammad
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#24
Nitrobenzene
Concen: 43.761 ng
RT: 9.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	33.7	50.5
65	13.6	11.0	16.6





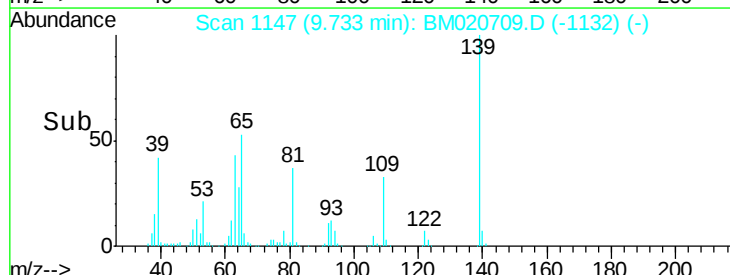
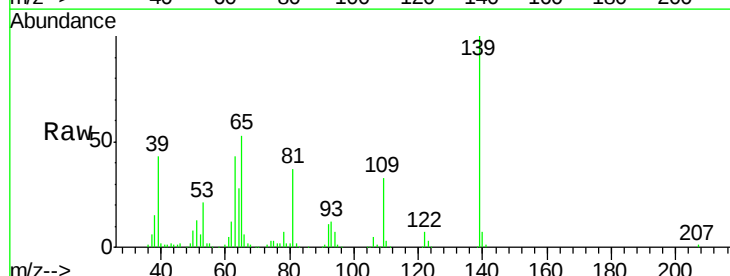
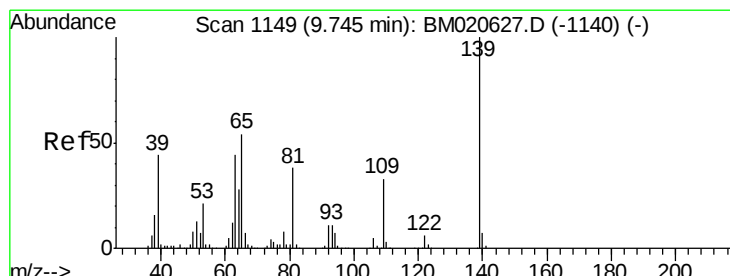
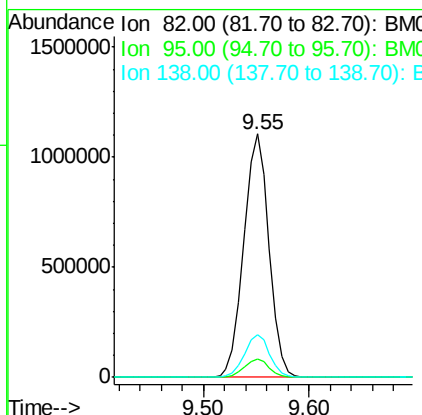
#25
Isophorone
Concen: 39.706 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion: 82 Resp: 1828689
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.4 13.8 20.8

Instrument :
BNA_M
ClientSampleId :
PB120137BS

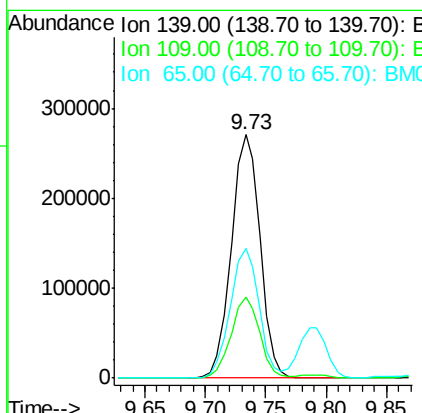
Manual Integrations
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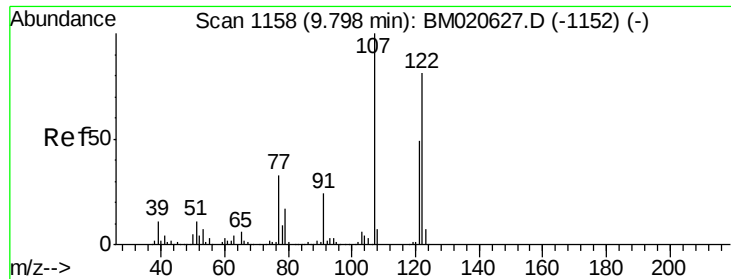
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#26
2-Nitrophenol
Concen: 50.890 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion: 139 Resp: 448297
Ion Ratio Lower Upper
139 100
109 33.1 26.1 39.1
65 53.0 43.4 65.0





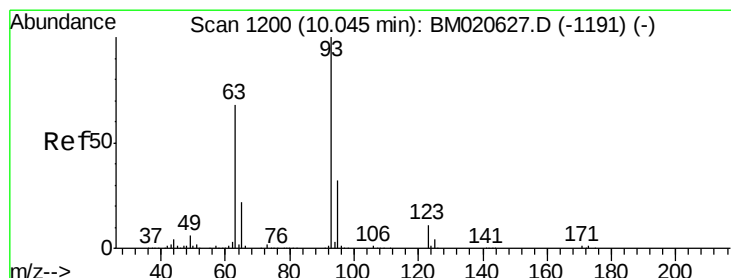
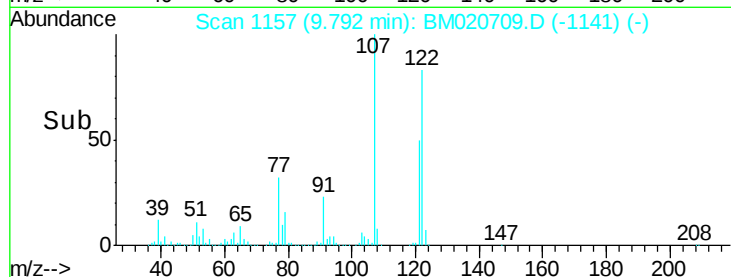
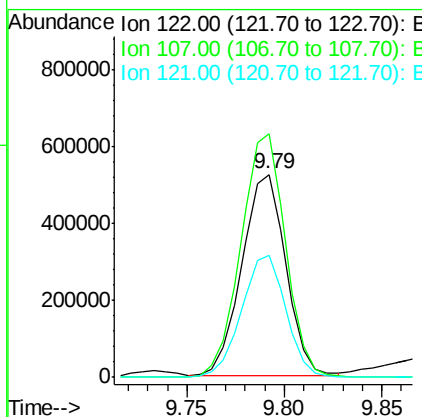
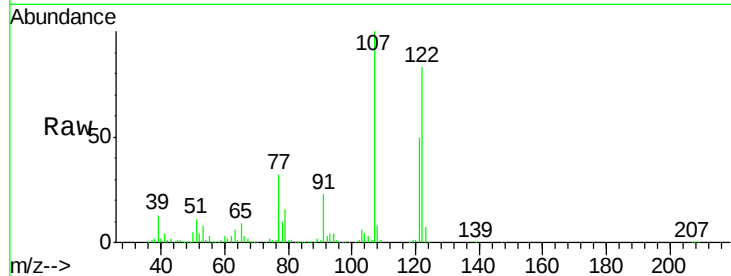
#27
 2,4-Dimethylphenol
 Concen: 49.179 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.9	98.0	147.0
121	60.1	48.2	72.4

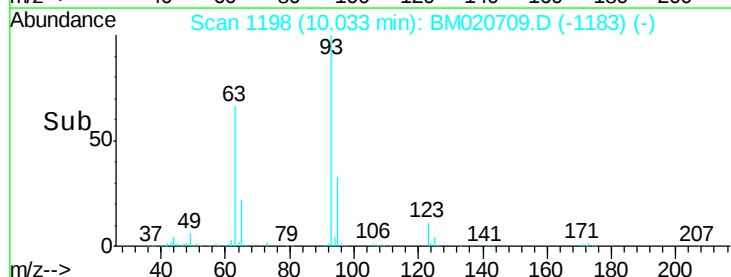
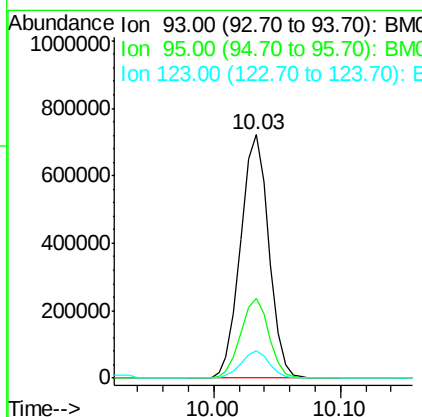
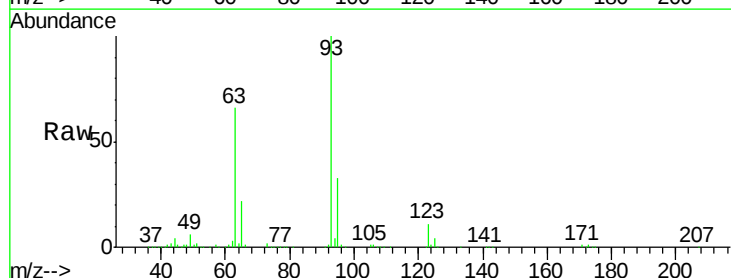
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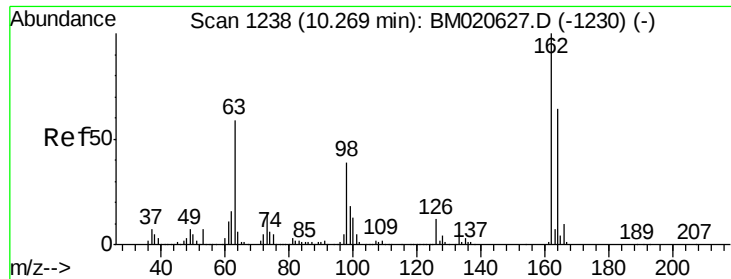
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.133 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.8	38.6
123	11.1	9.0	13.6





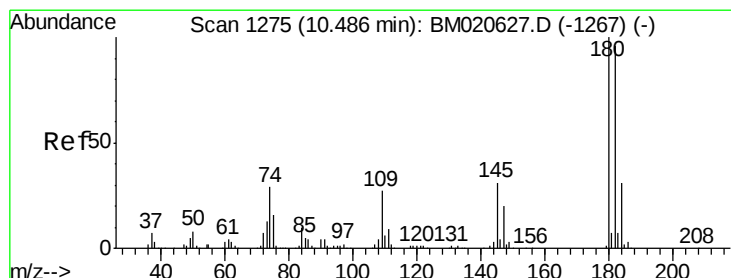
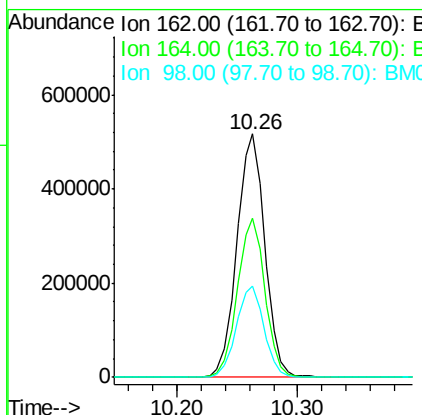
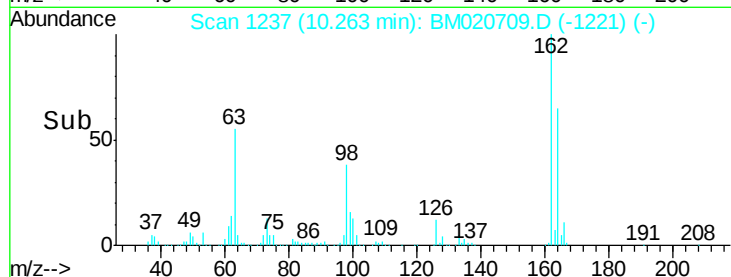
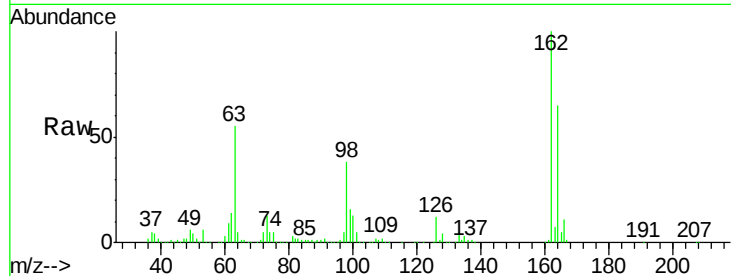
#29
2,4-Dichlorophenol
Concen: 45.646 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	833620		
164	65.1	43.8	83.8	
98	37.7	19.1	59.1	

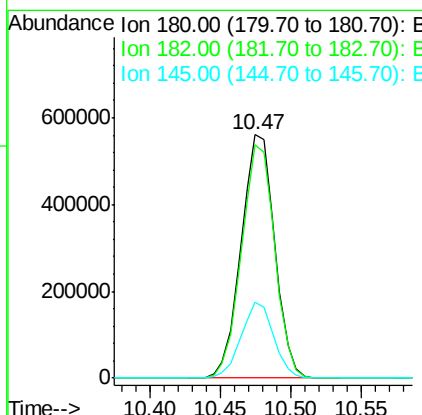
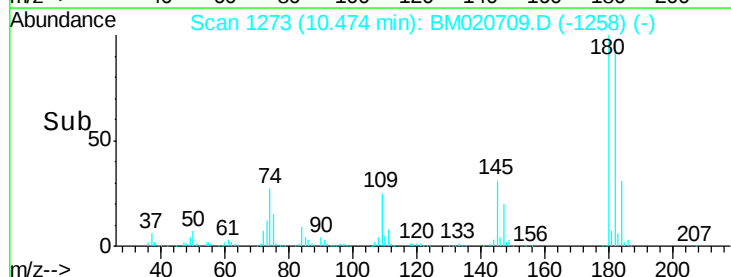
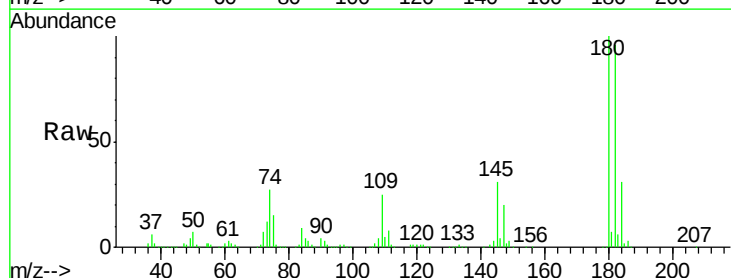
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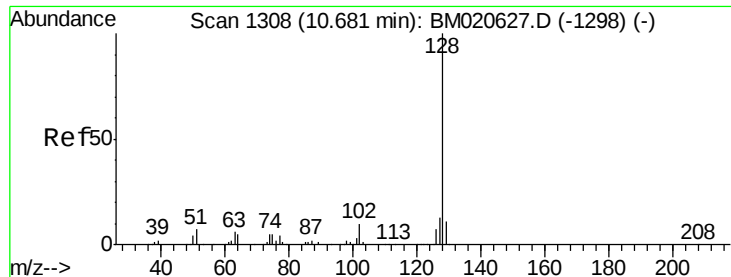
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.506 ng
RT: 10.47 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	934598		
182	95.7	77.0	115.6	
145	31.2	25.0	37.4	





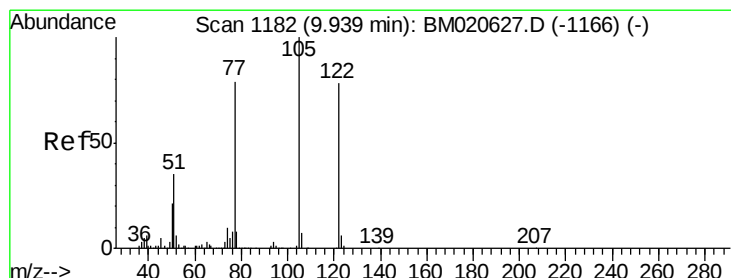
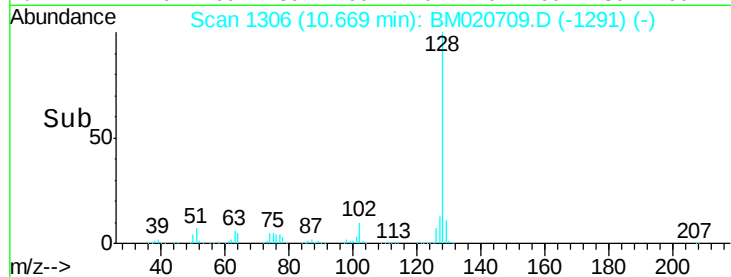
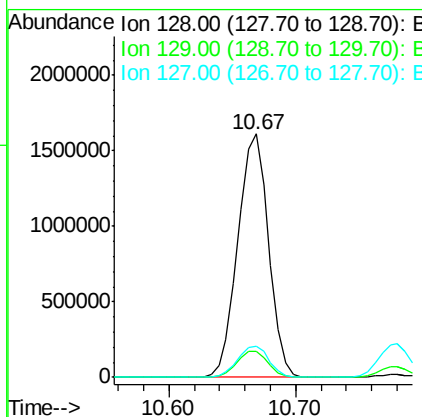
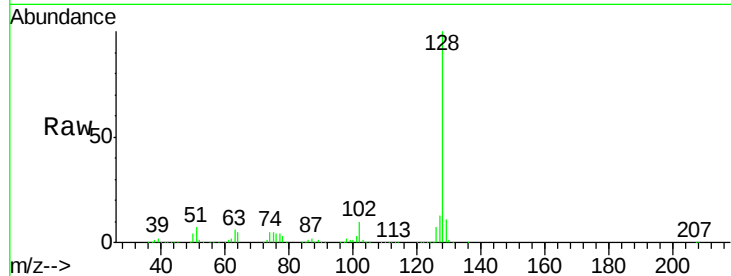
#31
Naphthalene
Concen: 43.841 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.0	10.3	15.5

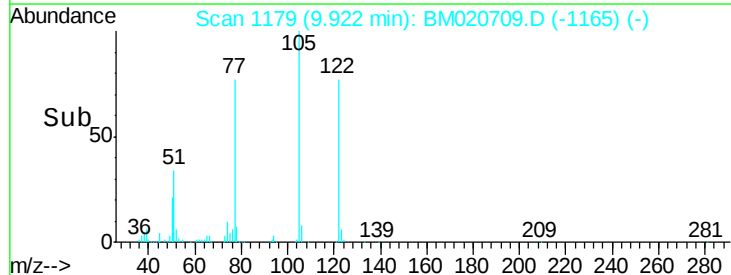
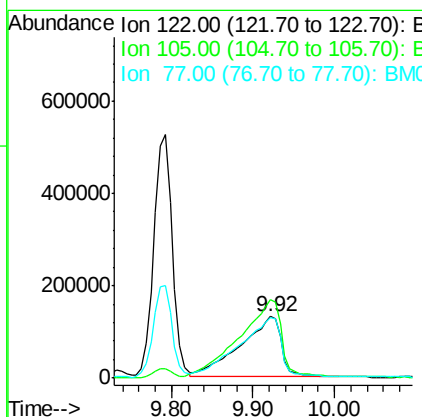
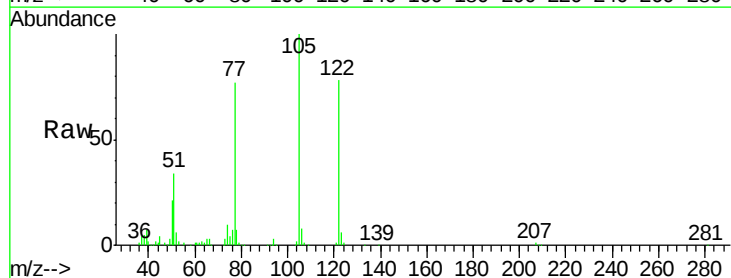
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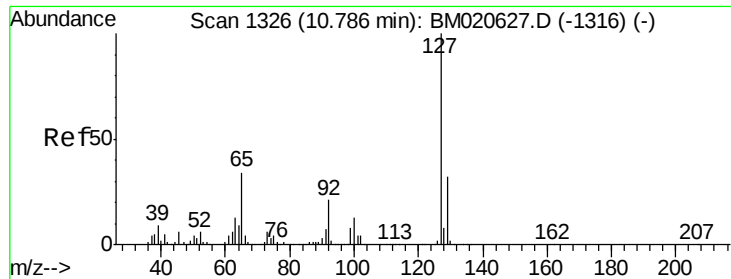
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#32
Benzoic acid
Concen: 44.868 ng m
RT: 9.92 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	107.0	147.0
77	98.7	80.9	120.9





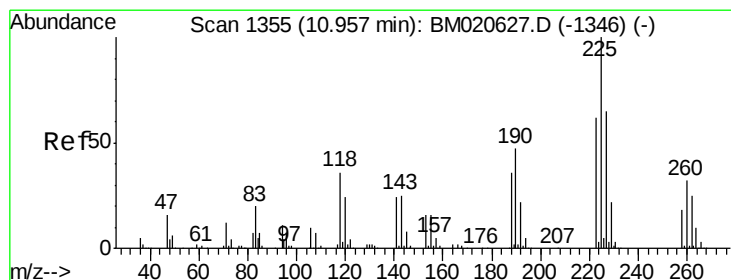
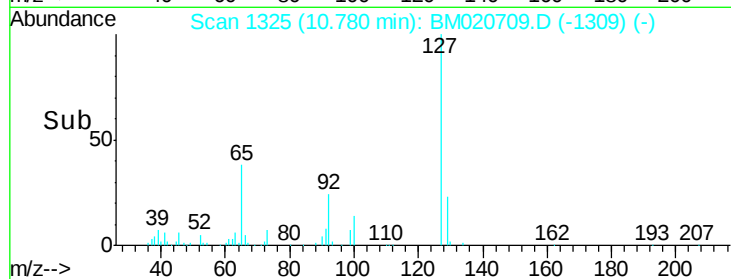
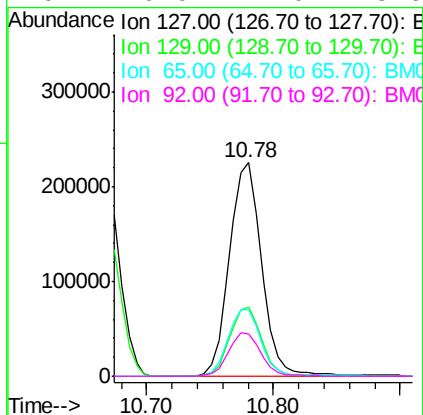
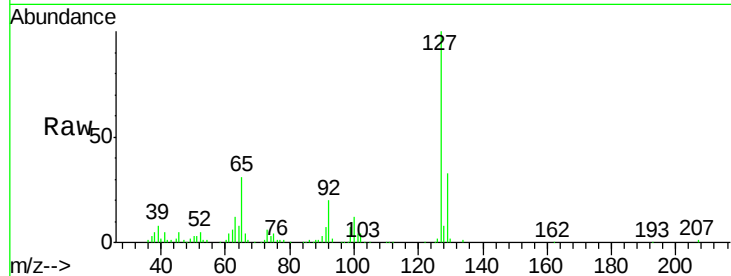
#33
4-Chloroaniline
Concen: 13.790 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	395903		
129	32.7	25.7	38.5	
65	31.4	27.4	41.0	
92	20.0	17.0	25.6	

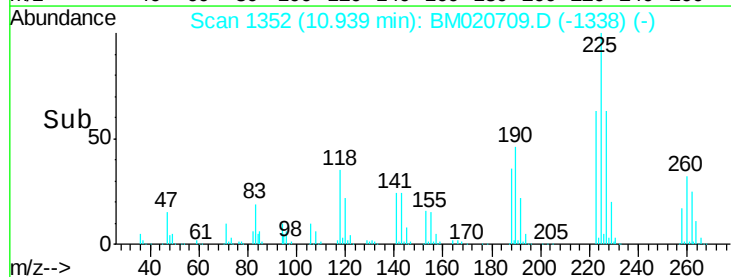
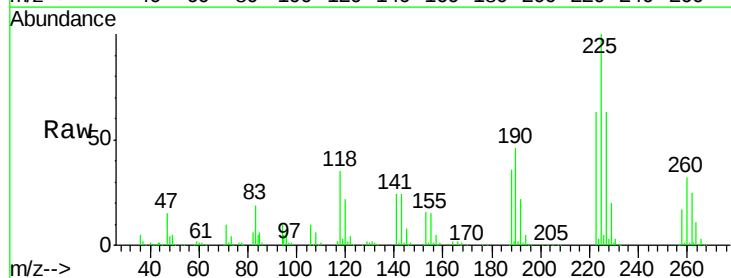
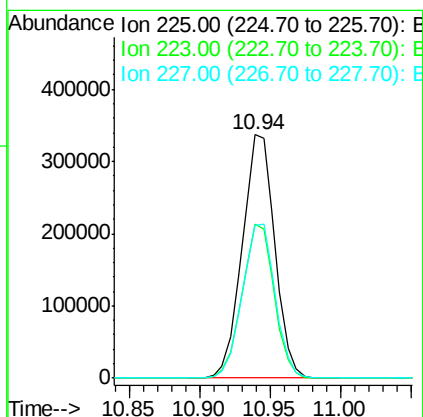
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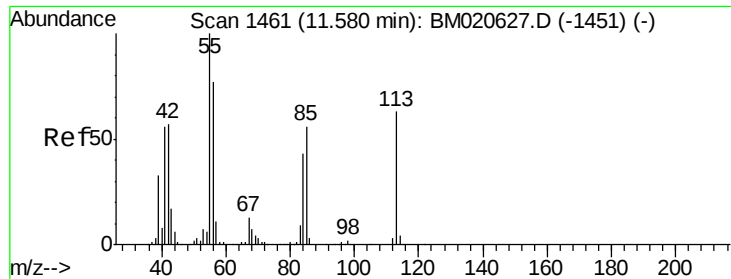
mohammad
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#34
Hexachlorobutadiene
Concen: 43.158 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	543790		
223	63.3	49.7	74.5	
227	63.0	51.8	77.8	





#35

Caprolactam

Concen: 36.562 ng m

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tgt Ion:113 Resp: 231965

Ion Ratio Lower Upper

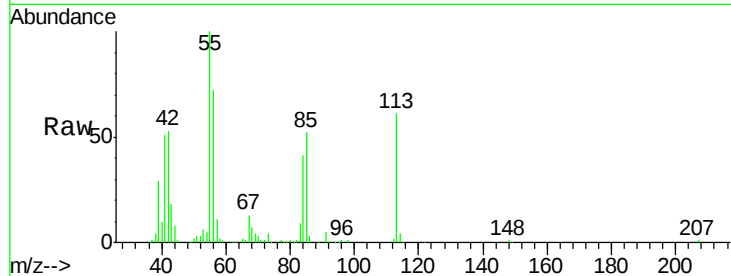
113 100

55 163.7 138.6 178.6

56 117.8 102.3 142.3

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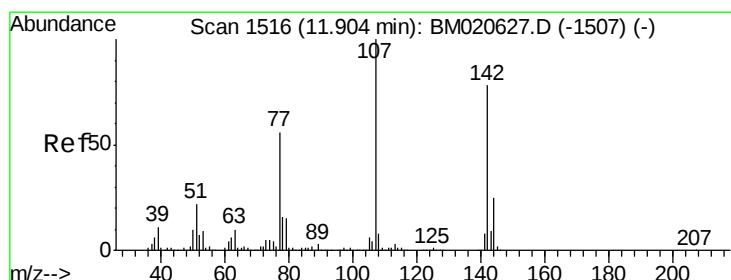
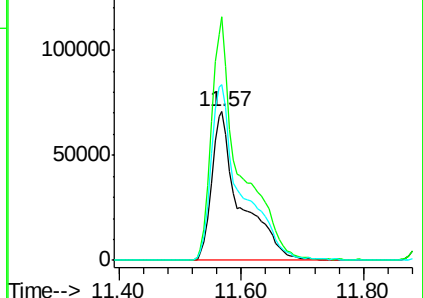
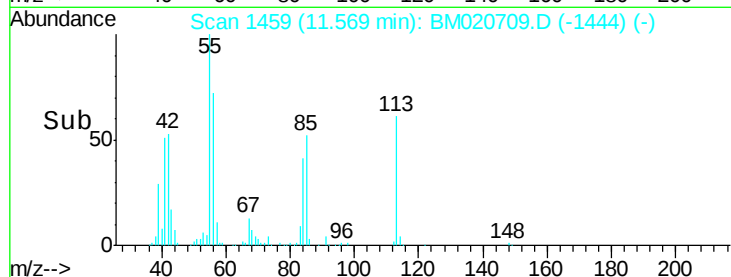
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.964 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

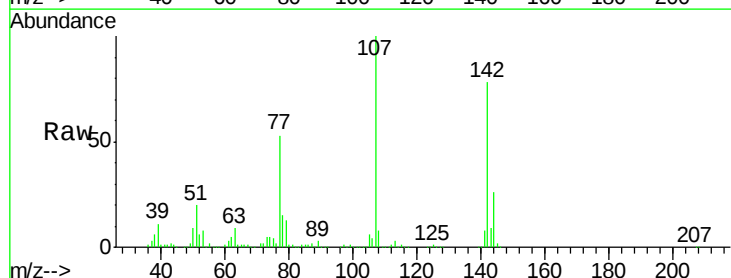
Tgt Ion:107 Resp: 848568

Ion Ratio Lower Upper

107 100

144 26.0 20.3 30.5

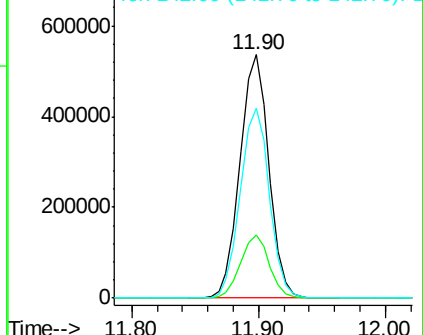
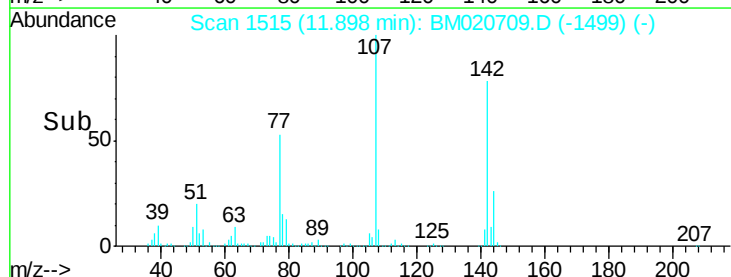
142 77.8 62.6 93.8

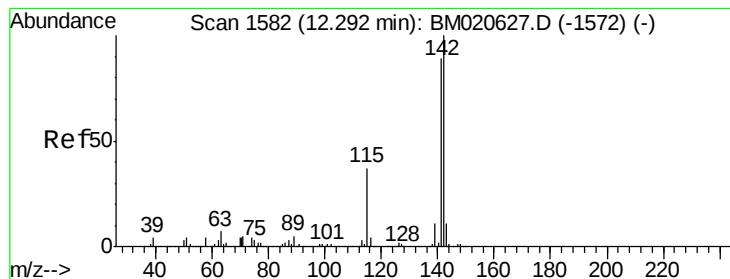


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.168 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tgt Ion:142 Resp: 1928089

Ion Ratio Lower Upper

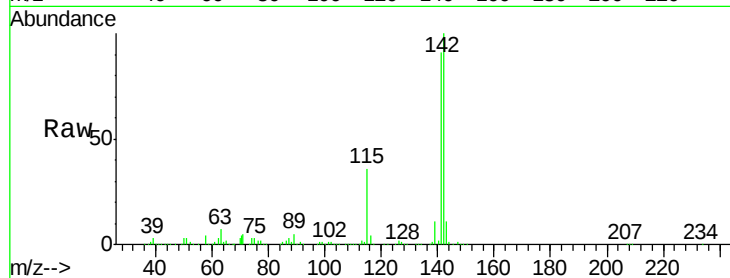
142 100

141 90.7 71.6 107.4

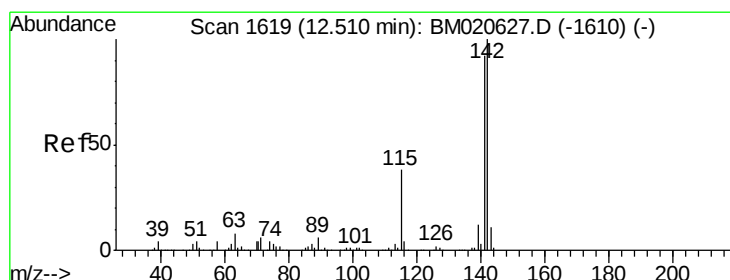
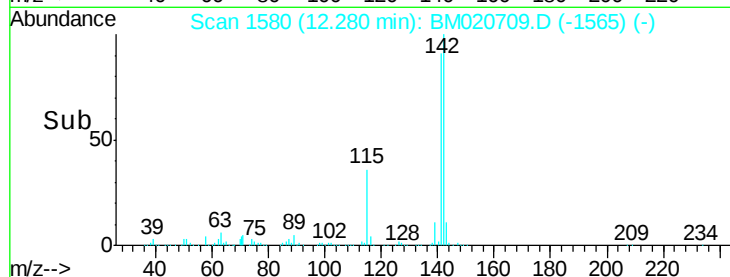
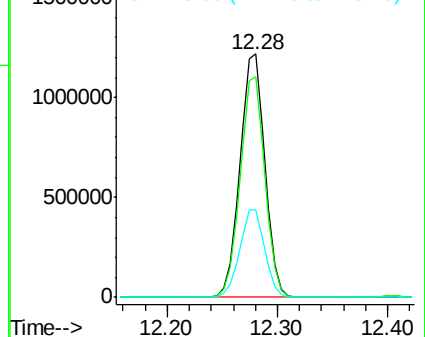
115 35.8 29.6 44.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.201 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

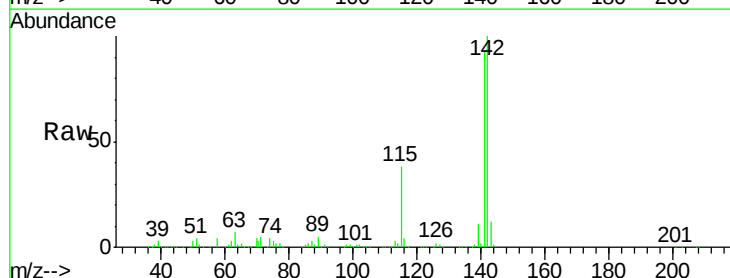
Tgt Ion:142 Resp: 1837344

Ion Ratio Lower Upper

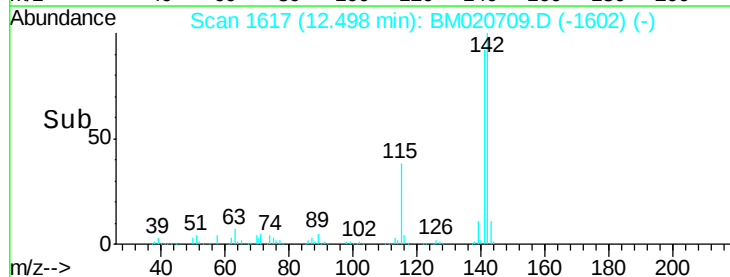
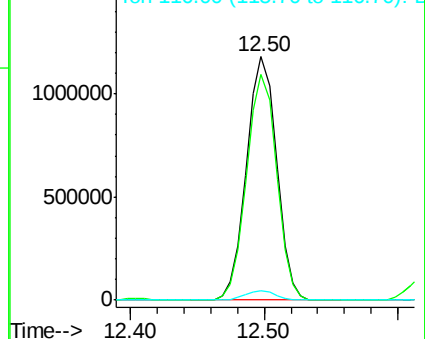
142 100

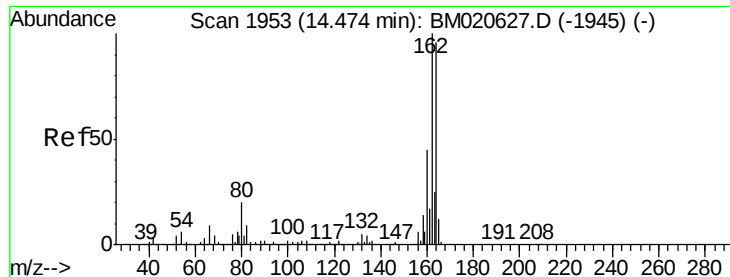
141 92.7 73.9 110.9

116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





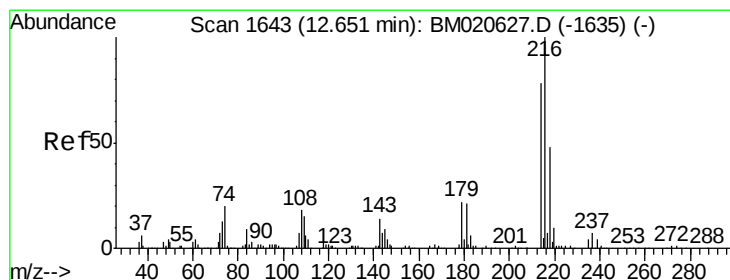
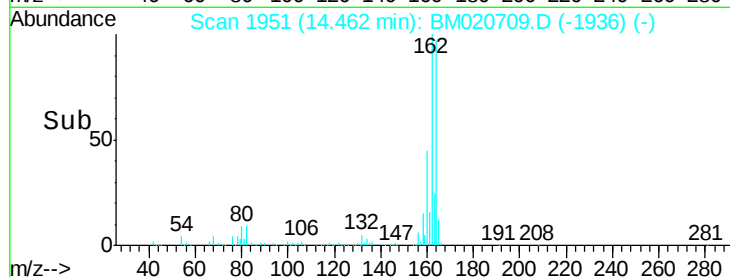
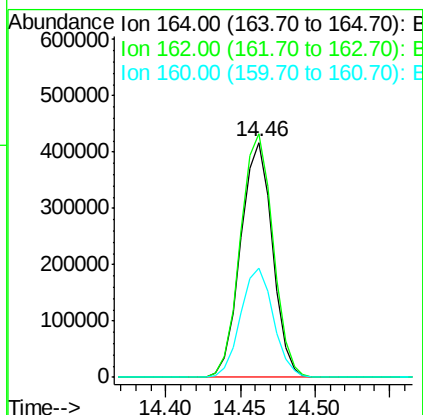
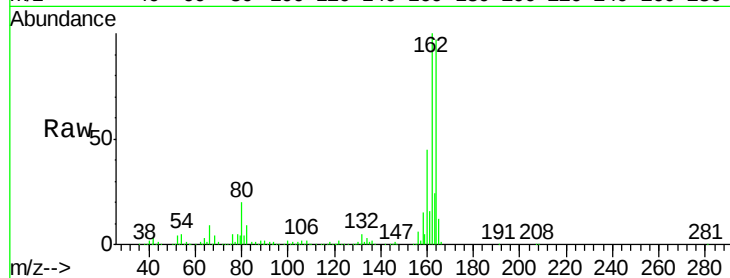
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	615611		
162	103.6	83.2	124.8	
160	46.4	37.5	56.3	

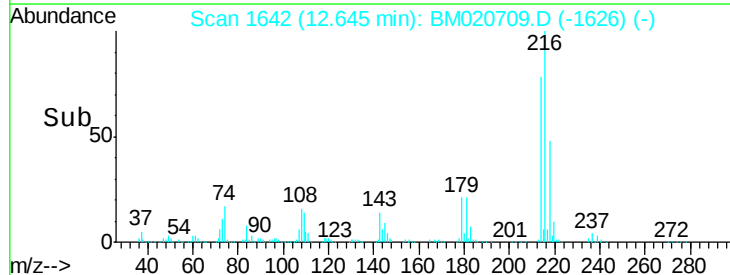
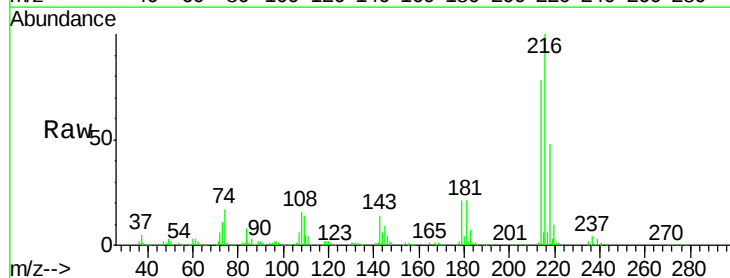
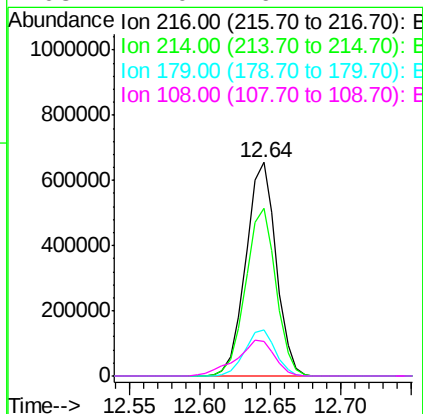
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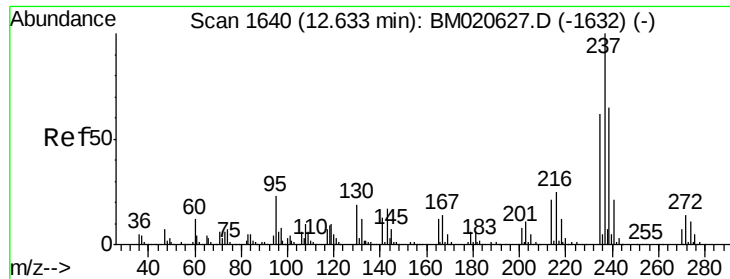
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.773 ng
RT: 12.64 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	983957		
214	78.4	63.0	94.4	
179	21.7	17.9	26.9	
108	21.0	16.2	24.2	





#41

Hexachlorocyclopentadiene

Concen: 103.554 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

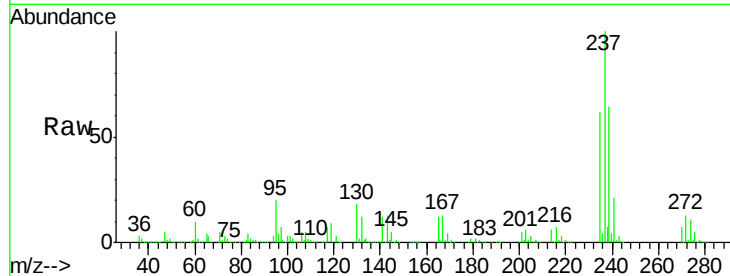
ClientSampleId :

PB120137BS

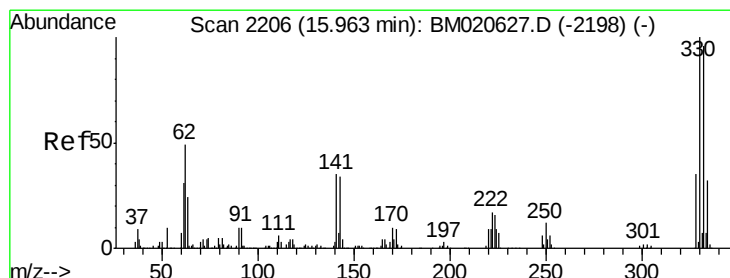
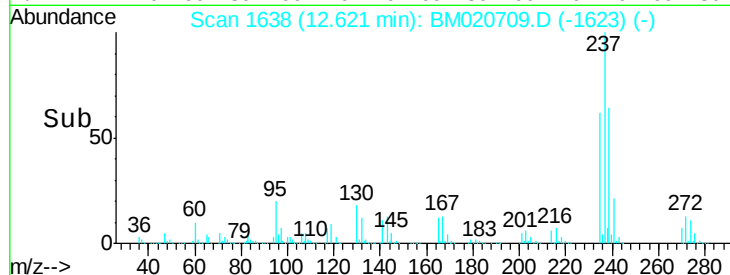
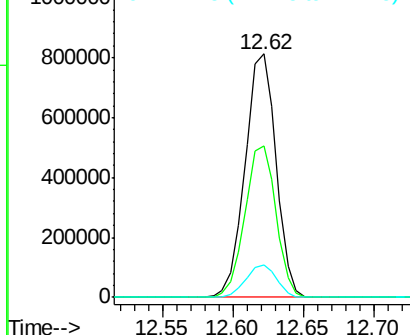
Tgt Ion:	237	Resp:	1249446
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.1	82.1
272	13.4	0.0	33.5

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



#42

2,4,6-Tribromophenol

Concen: 136.246 ng

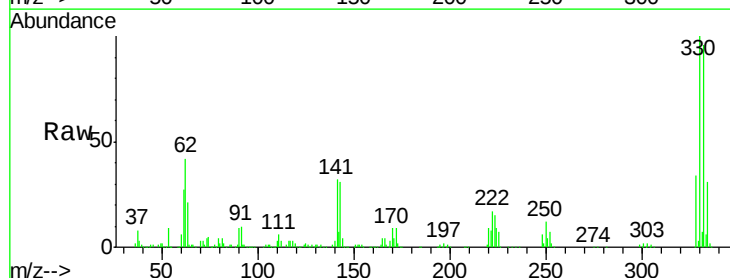
RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

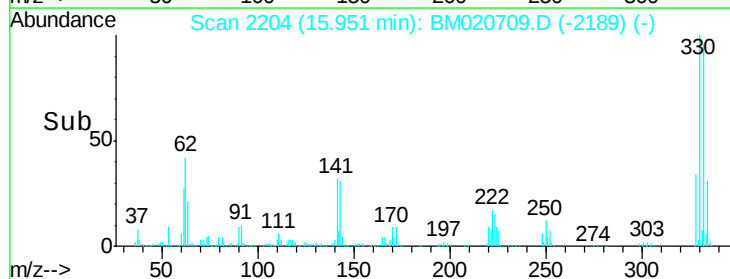
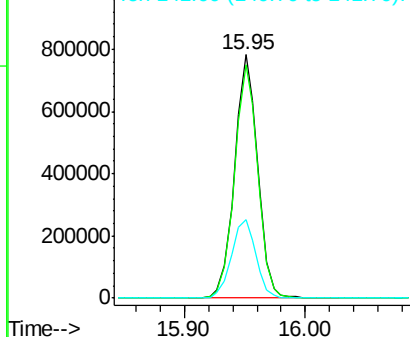
Lab File: BM020709.D

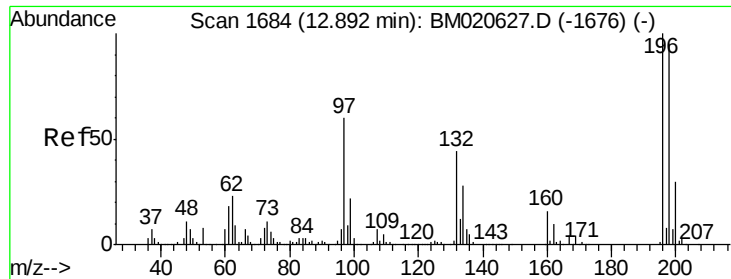
Acq: 04 Jun 2019 18:48

Tgt Ion:	330	Resp:	1039197
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.4	116.0
141	34.5	30.4	45.6



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





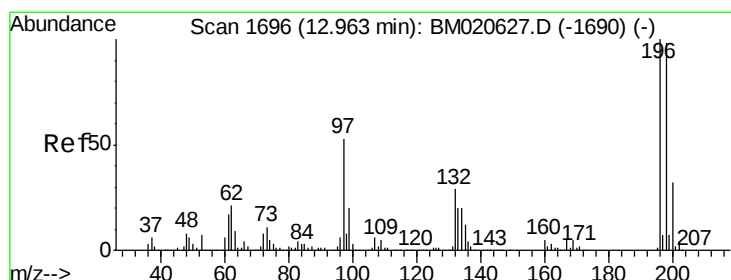
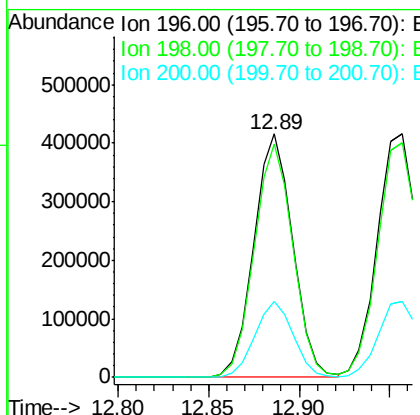
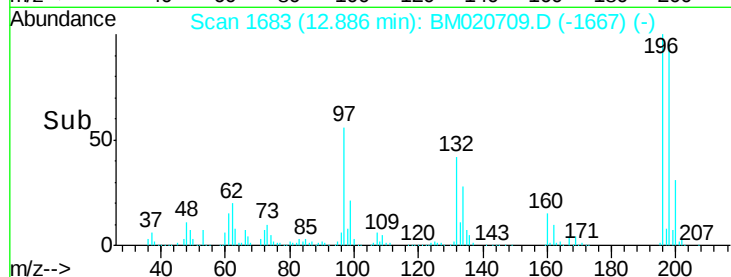
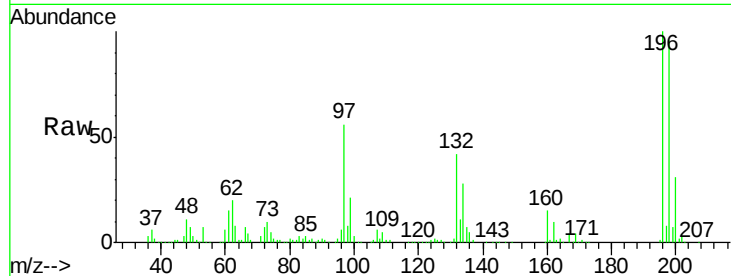
#43
 2,4,6-Trichlorophenol
 Concen: 47.506 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampled :
 PB120137BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	616899		
198	96.1	75.7	113.5	
200	31.1	23.9	35.9	

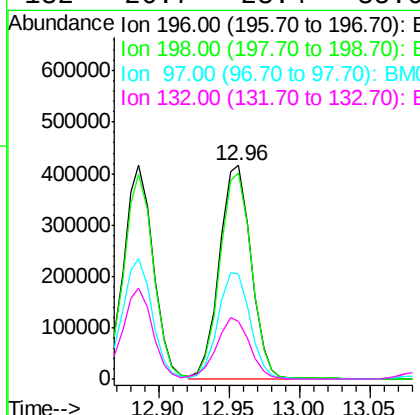
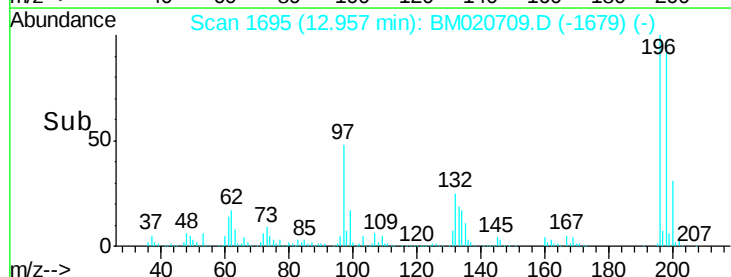
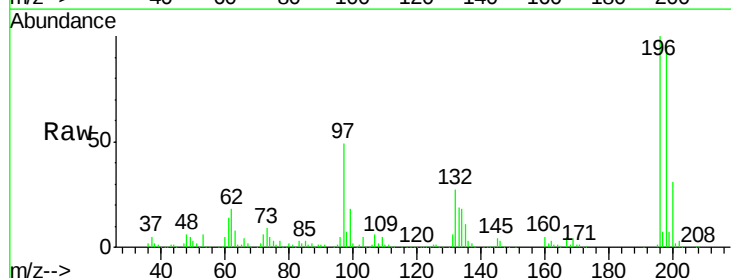
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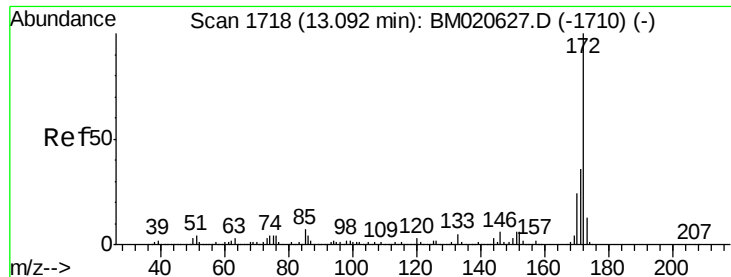
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.363 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	648372		
198	96.4	78.6	117.8	
97	49.4	42.7	64.1	
132	26.7	23.4	35.0	





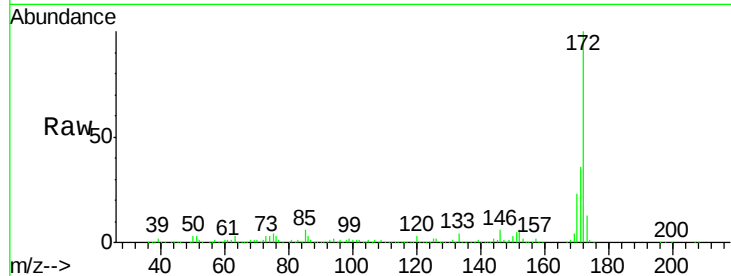
#45
 2-Fluorobiphenyl
 Concen: 89.709 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

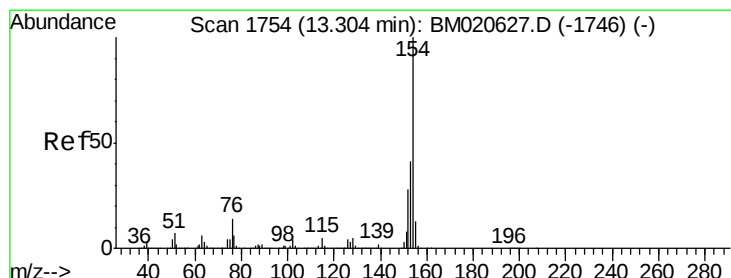
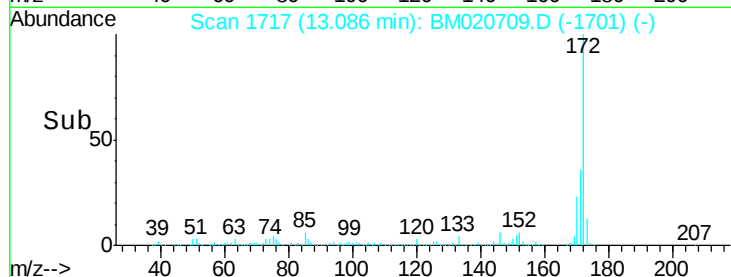
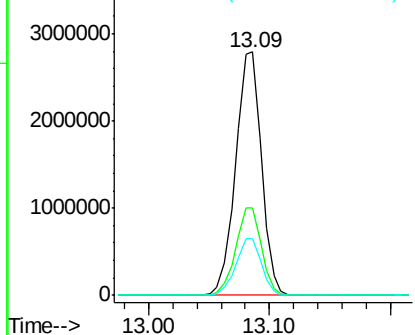
Tgt Ion:172 Resp: 4154020
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.2 18.9 28.3

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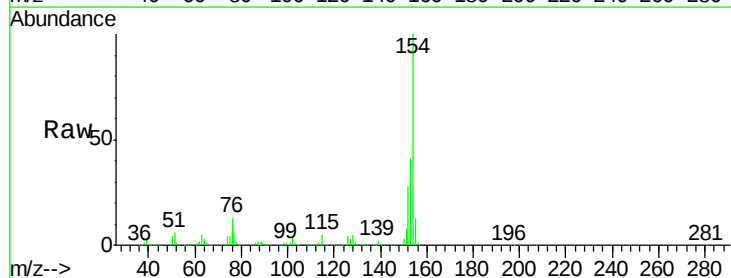


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

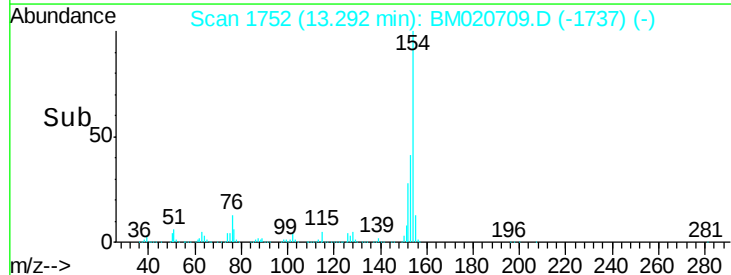
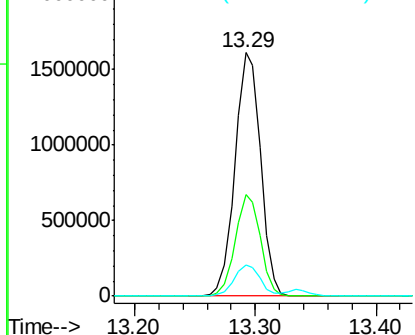


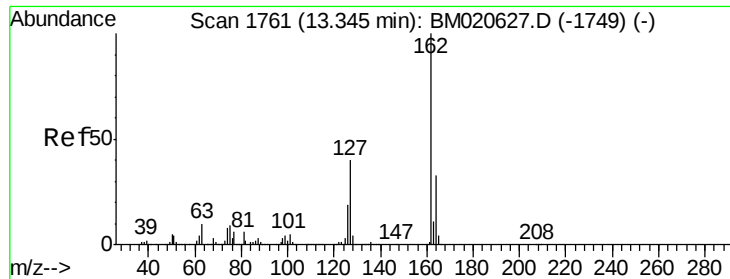
#46
 1,1'-Biphenyl
 Concen: 46.169 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:154 Resp: 2373703
 Ion Ratio Lower Upper
 154 100
 153 41.4 20.7 60.7
 76 13.0 0.0 34.0



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): BM0





#47

2-Chloronaphthalene

Concen: 44.314 ng

RT: 13.33 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tgt Ion:162 Resp: 1838837

Ion Ratio Lower Upper

162 100

127 40.2 32.1 48.1

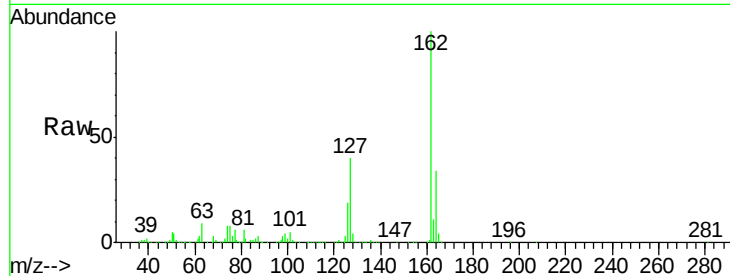
164 33.6 26.6 39.8

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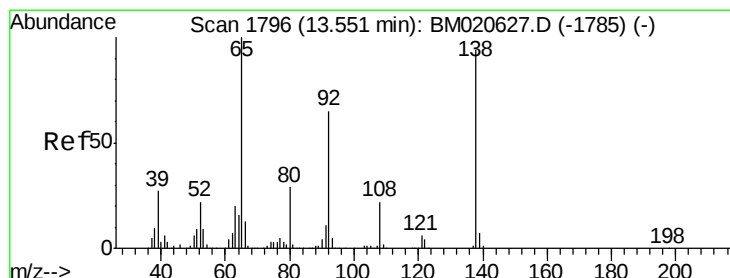
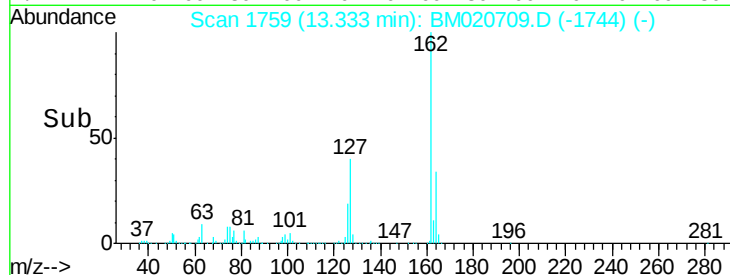
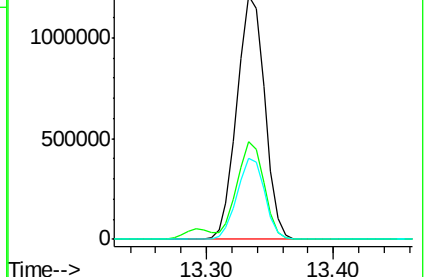
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.134 ng

RT: 13.54 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

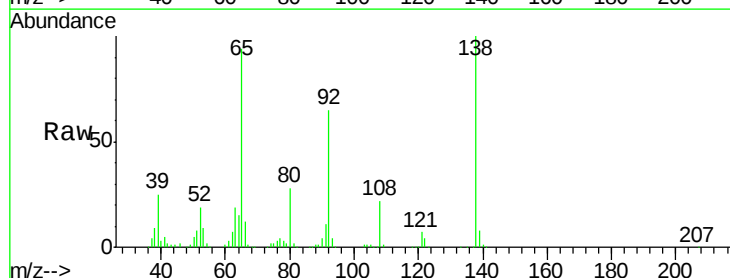
Tgt Ion: 65 Resp: 509684

Ion Ratio Lower Upper

65 100

92 69.3 52.2 78.4

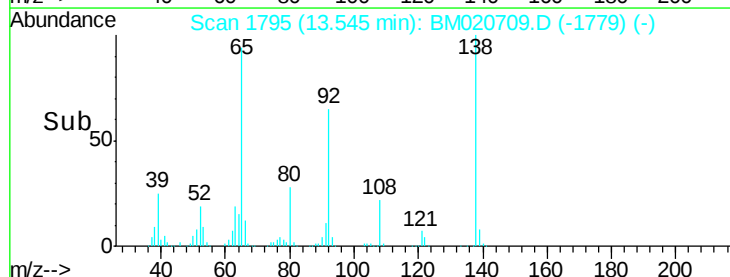
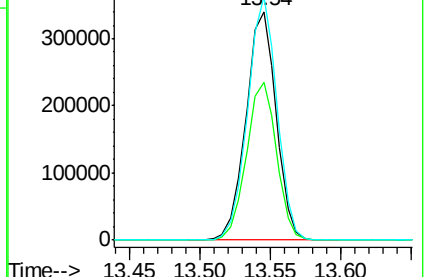
138 106.6 75.4 113.0

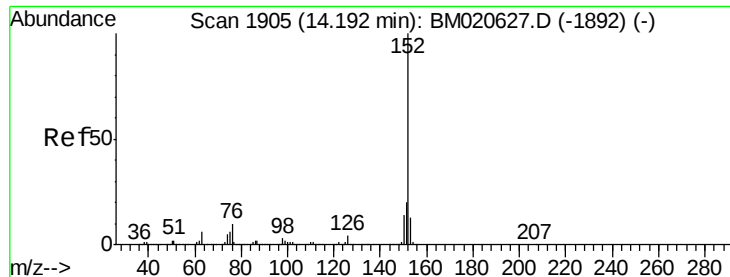


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.474 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tgt Ion:152 Resp: 2879495

Ion Ratio Lower Upper

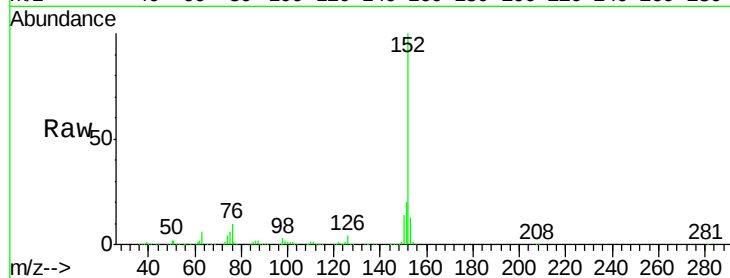
152 100

151 19.8 16.2 24.2

153 12.8 10.6 15.8

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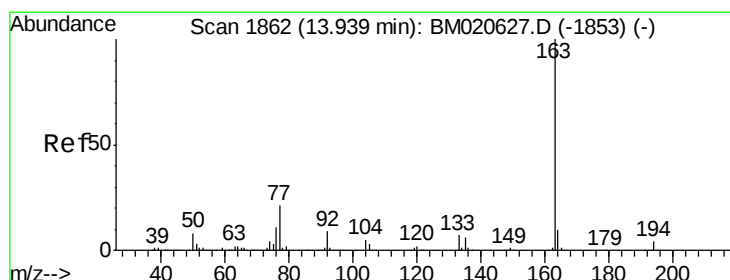
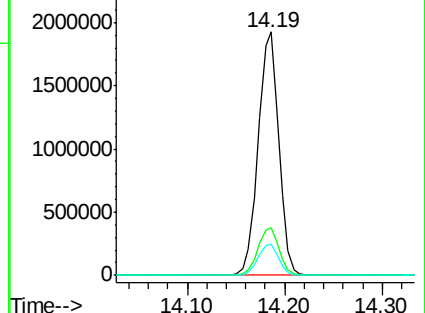
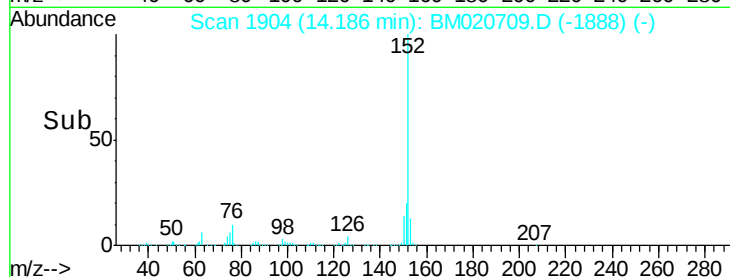
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.195 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

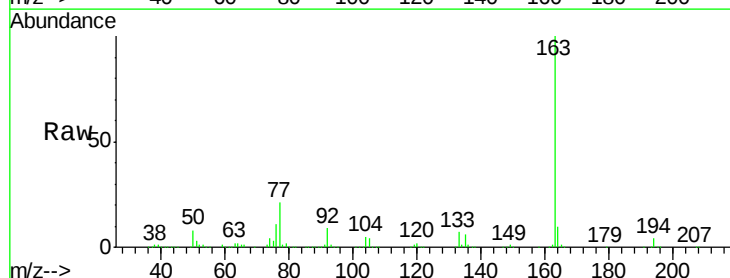
Tgt Ion:163 Resp: 2166621

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

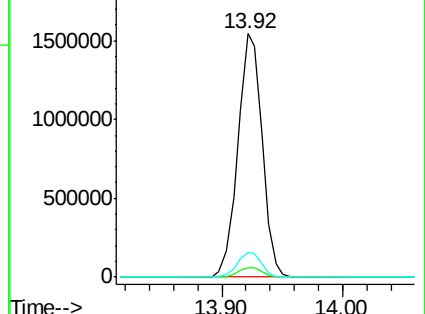
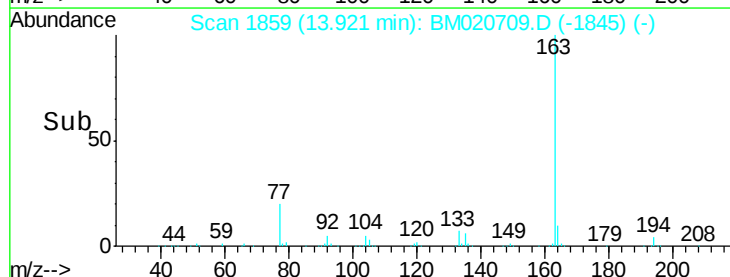
164 10.2 7.9 11.9

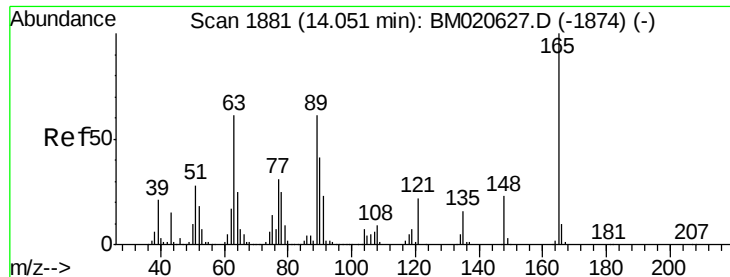


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





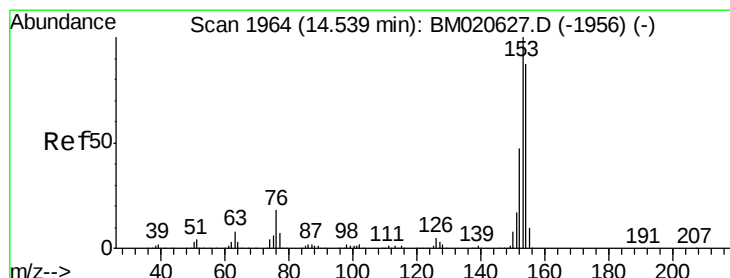
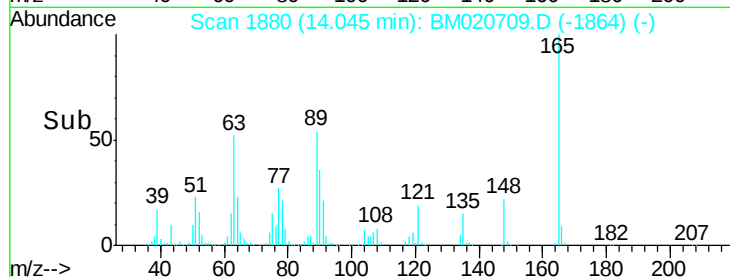
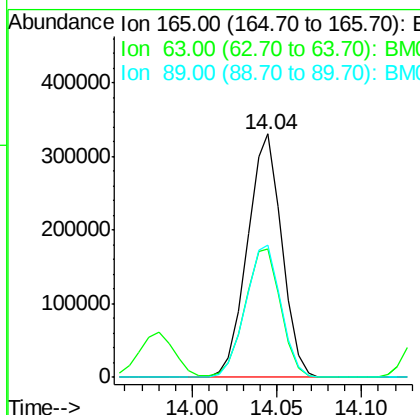
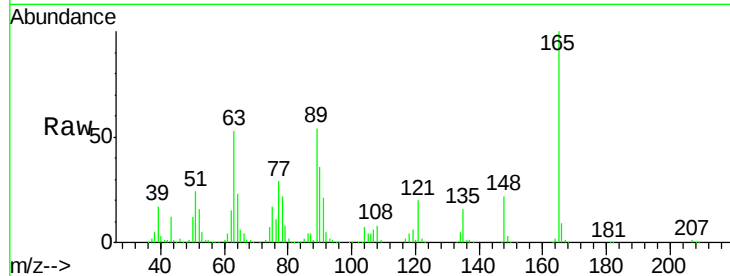
#51
2,6-Dinitrotoluene
Concen: 43.671 ng
RT: 14.04 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	466384		
63	52.7	50.4	75.6	
89	54.4	49.1	73.7	

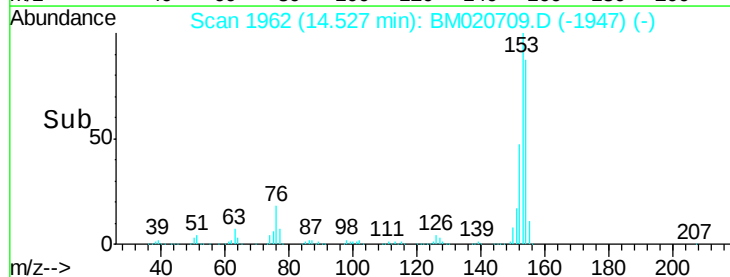
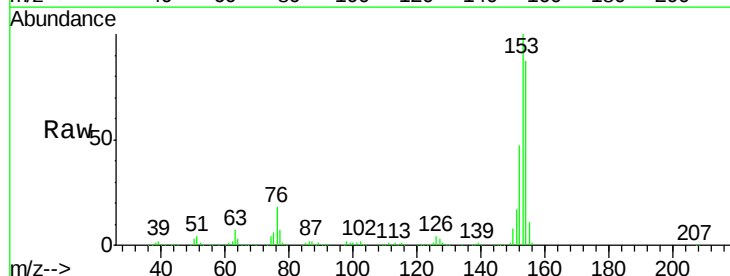
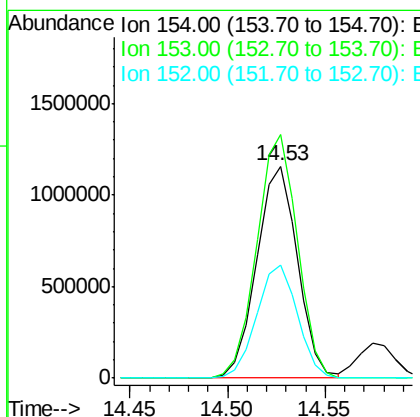
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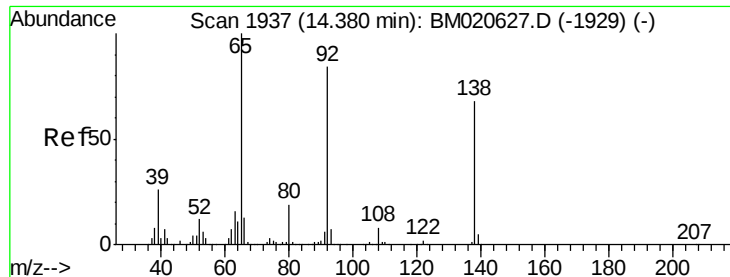
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#52
Acenaphthene
Concen: 43.363 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1673115		
153	115.1	92.4	138.6	
152	53.7	43.4	65.0	





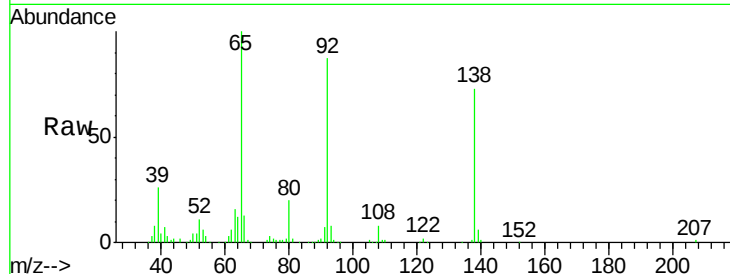
#53
3-Nitroaniline
Concen: 22.987 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

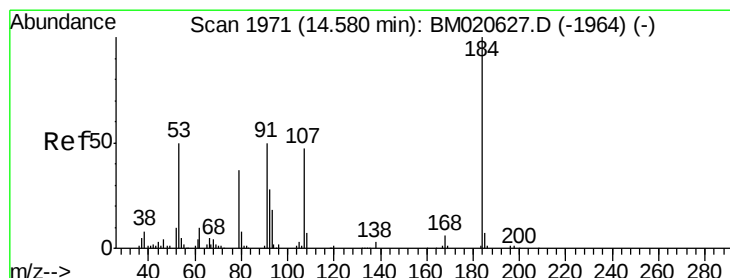
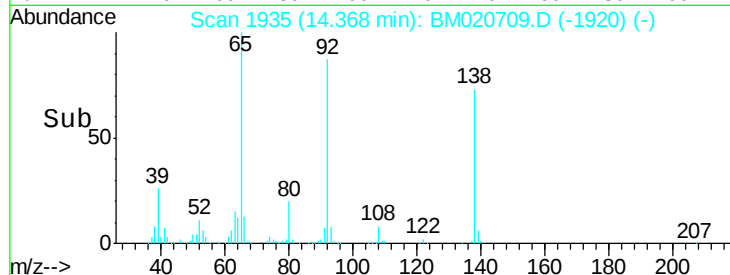
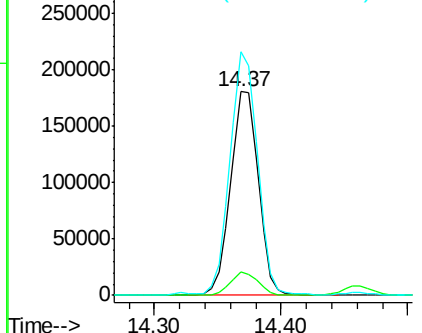
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	273999		
108	11.6	9.5	14.3	
92	119.5	99.6	149.4	

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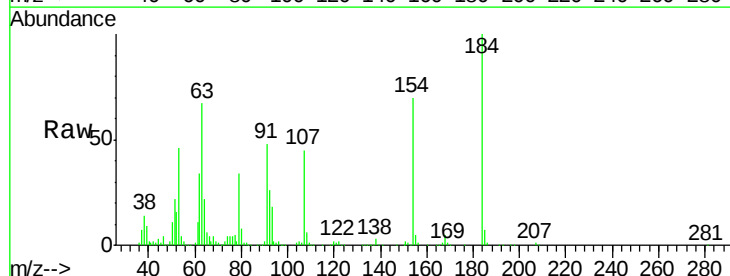


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

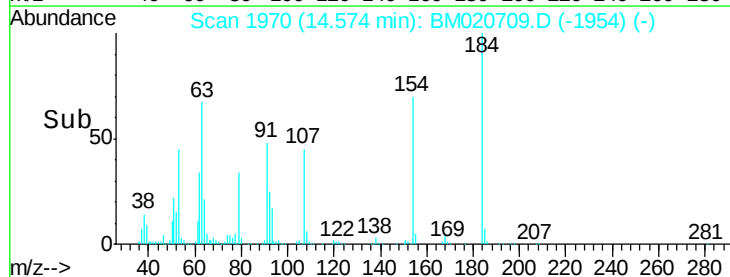
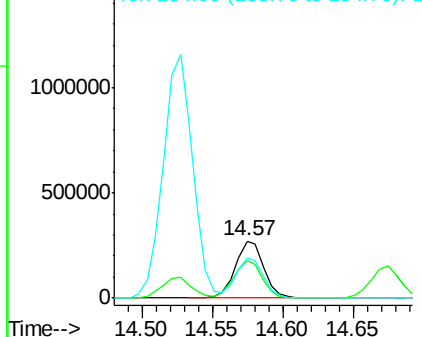


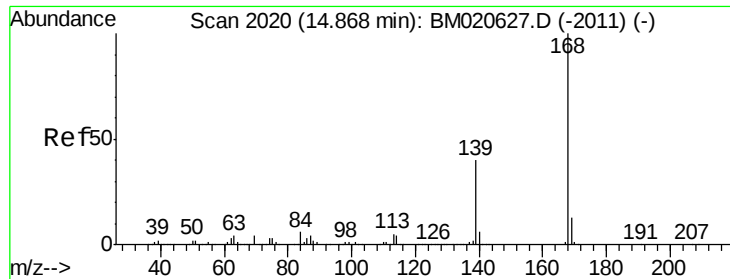
#54
2,4-Dinitrophenol
Concen: 82.507 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	380212		
63	66.7	59.3	88.9	
154	70.0	56.5	84.7	



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





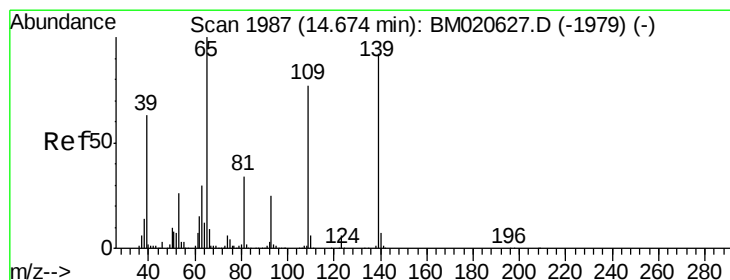
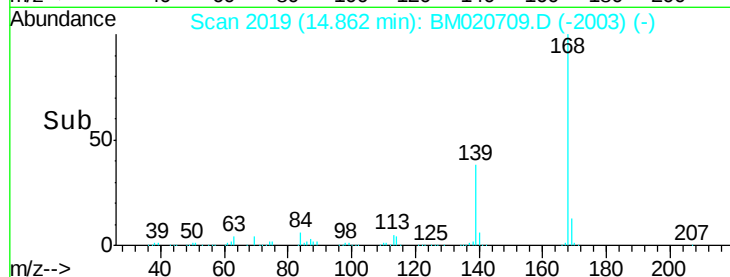
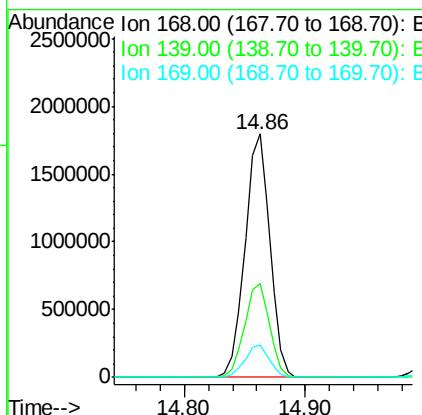
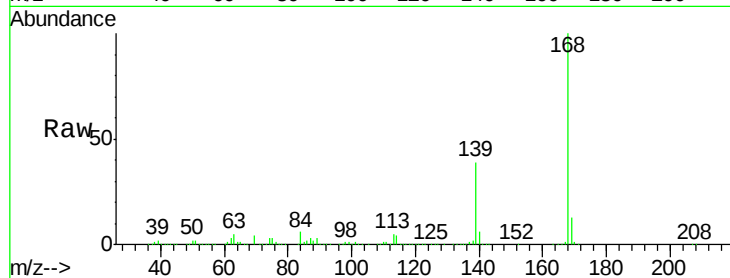
#55
Dibenzofuran
Concen: 43.154 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.9	47.9
169	13.2	10.7	16.1

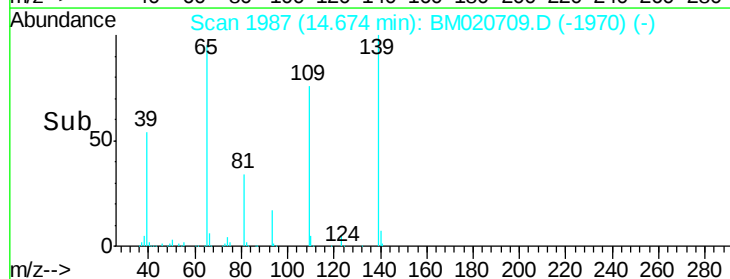
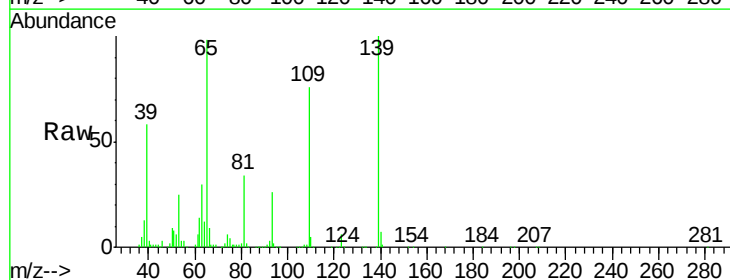
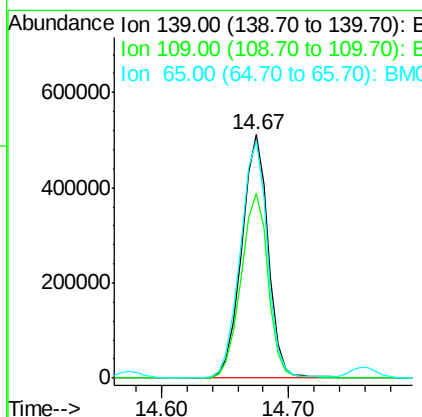
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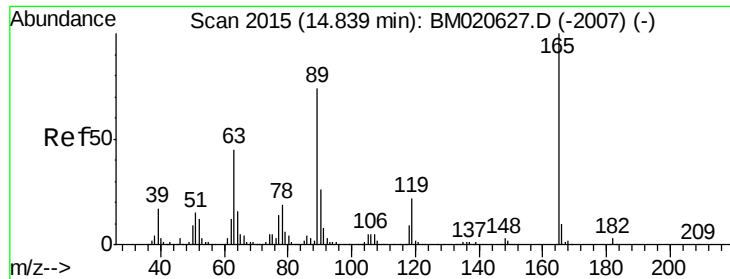
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#56
4-Nitrophenol
Concen: 84.450 ng
RT: 14.67 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.0	62.7	102.7
65	97.6	88.3	128.3





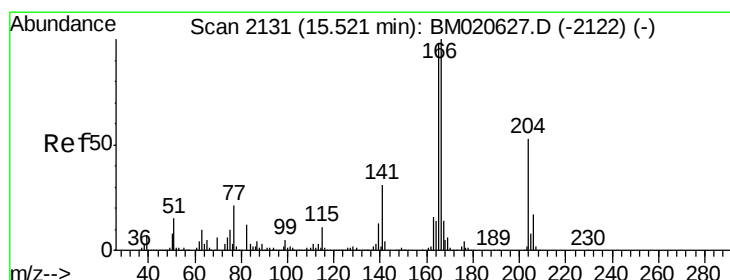
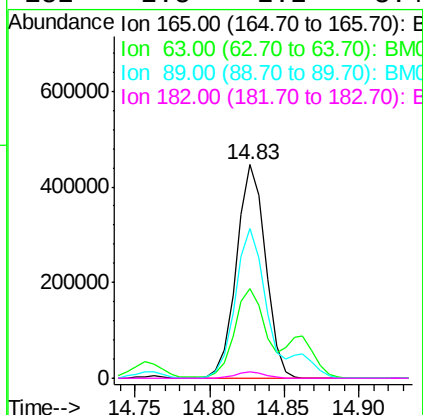
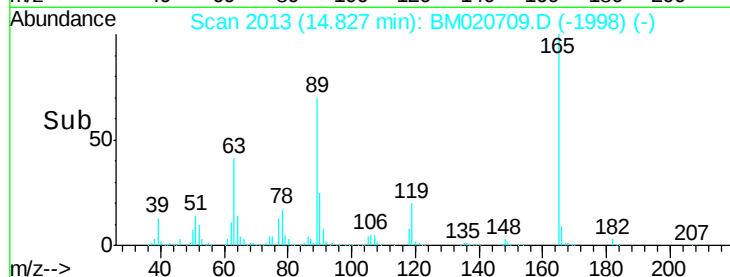
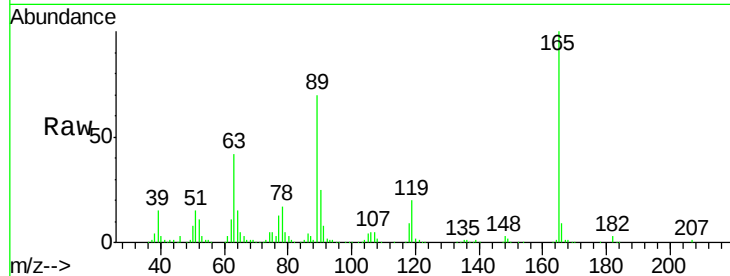
#57
2,4-Dinitrotoluene
Concen: 42.292 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	604738		
63	41.9	36.3	54.5	
89	69.8	59.0	88.6	
182	2.8	2.2	3.4	

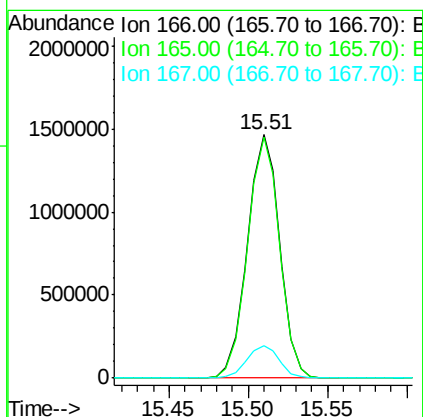
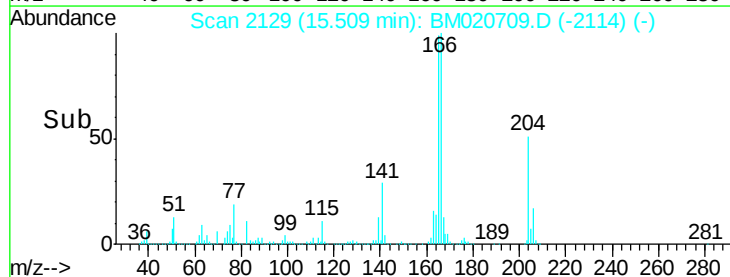
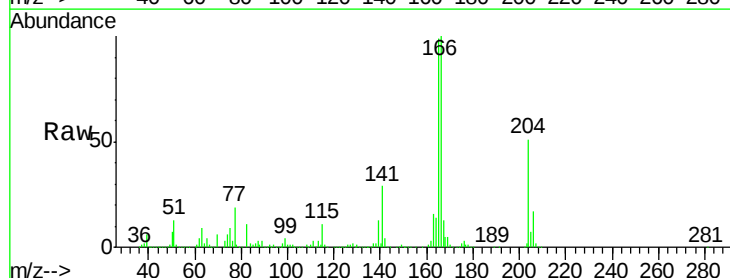
Manual Integrations
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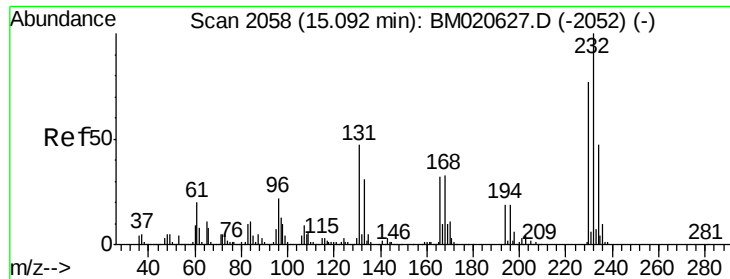
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#58
Fluorene
Concen: 41.876 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2063693		
165	99.1	78.6	117.8	
167	13.4	11.0	16.4	





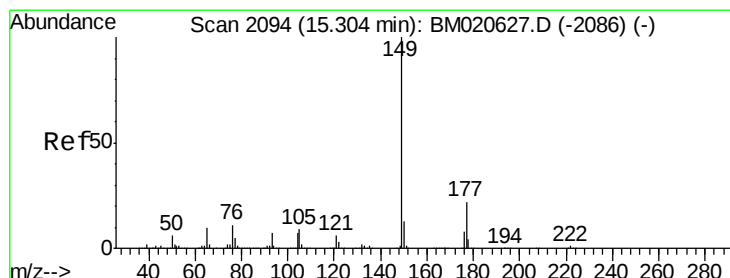
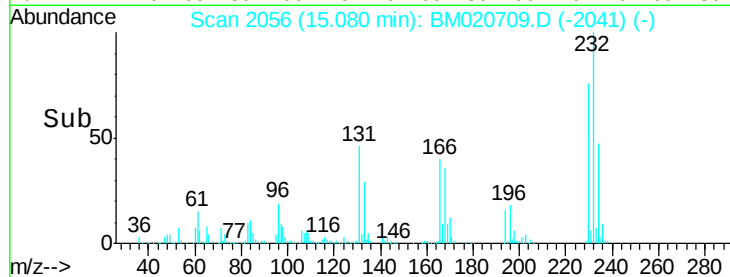
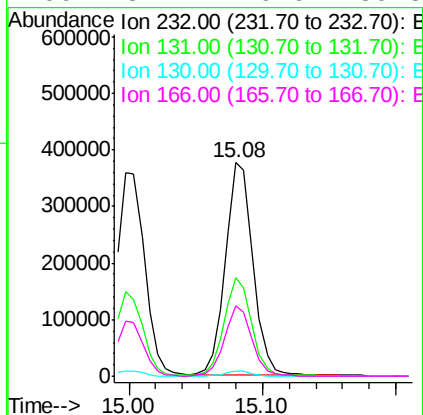
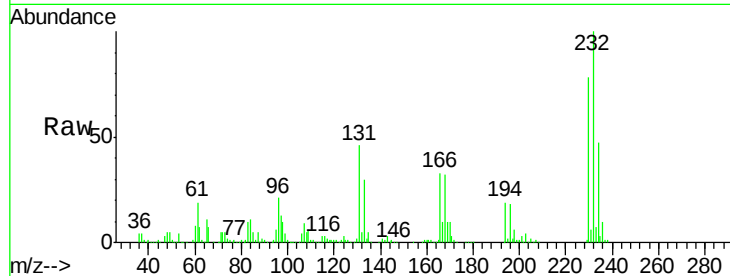
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.623 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tgt Ion:	232	Resp:	544653
Ion Ratio	Lower	Upper	
232	100		
131	46.0	38.6	57.8
130	2.4	2.2	3.2
166	32.7	26.6	39.8

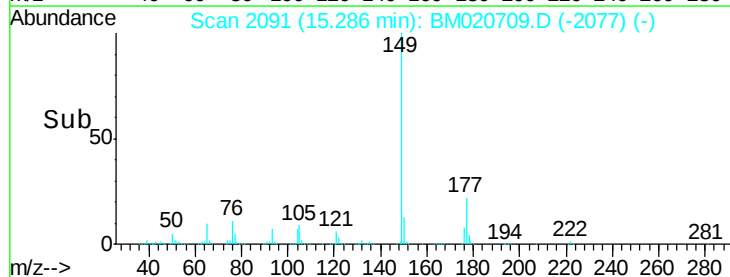
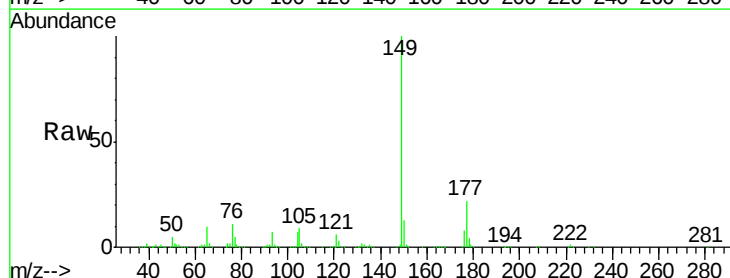
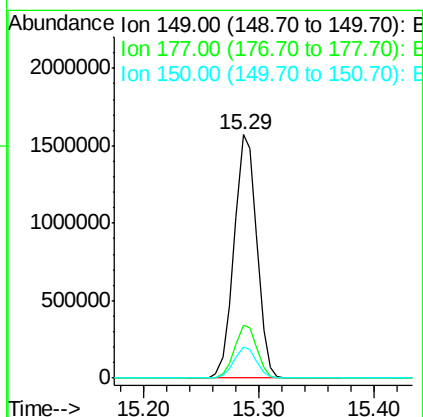
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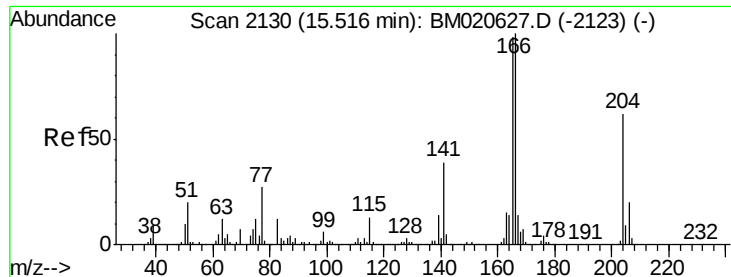
mohammad
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#60
 Diethylphthalate
 Concen: 39.268 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:	149	Resp:	2130065
Ion Ratio	Lower	Upper	
149	100		
177	21.8	17.2	25.8
150	12.8	10.1	15.1





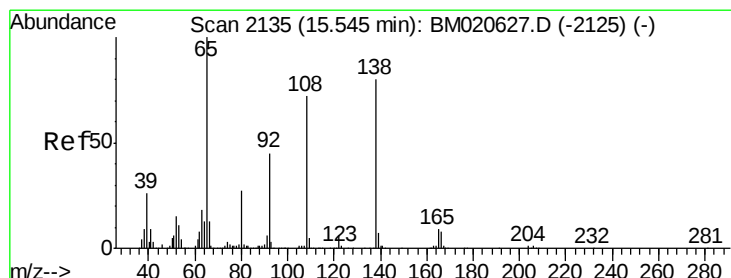
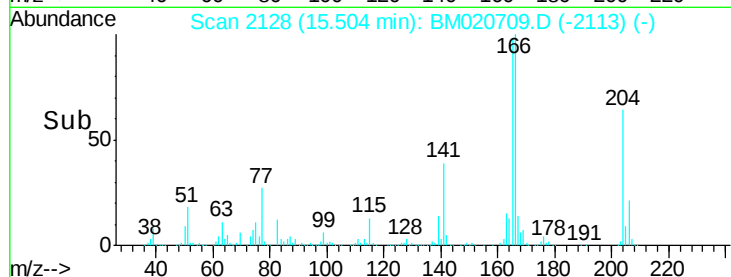
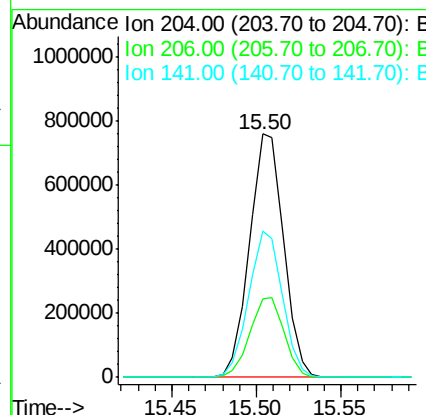
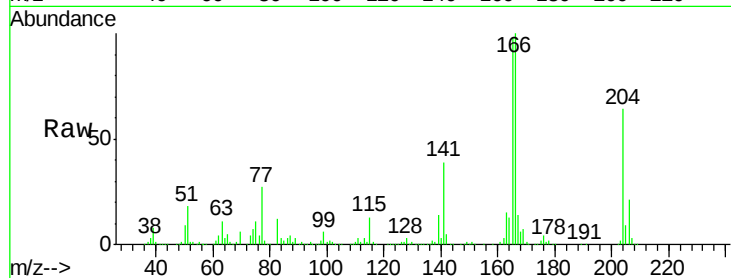
#61
4-Chlorophenyl-phenylether
Concen: 40.926 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleID :
PB120137BS

Tgt Ion: 204 Resp: 1067883
Ion Ratio Lower Upper
204 100
206 32.5 25.8 38.8
141 60.2 50.2 75.4

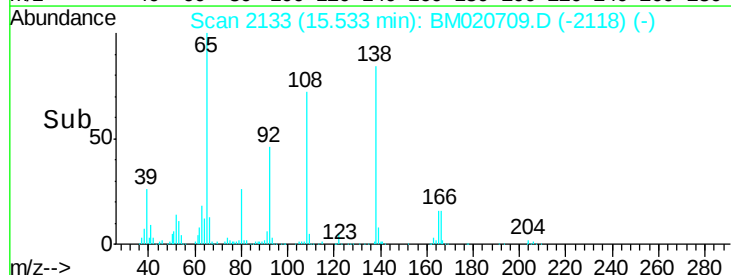
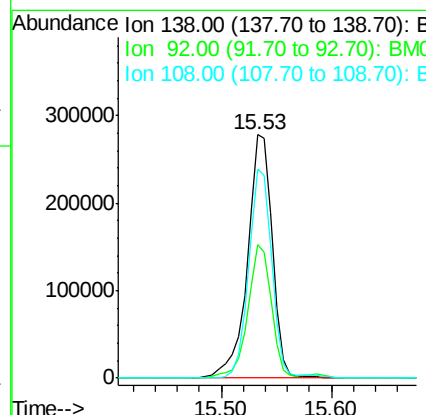
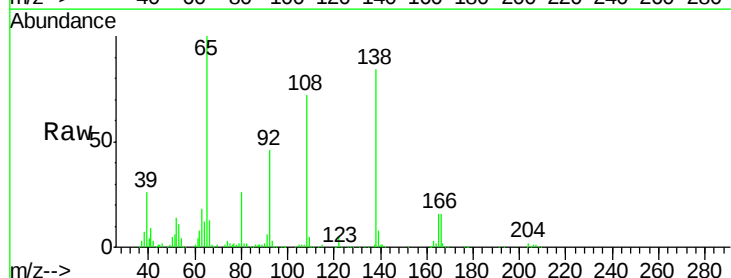
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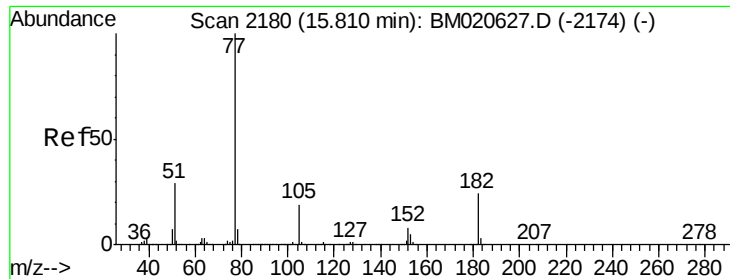
mohammad
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#62
4-Nitroaniline
Concen: 34.914 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion: 138 Resp: 441376
Ion Ratio Lower Upper
138 100
92 54.8 36.7 76.7
108 85.8 70.3 110.3





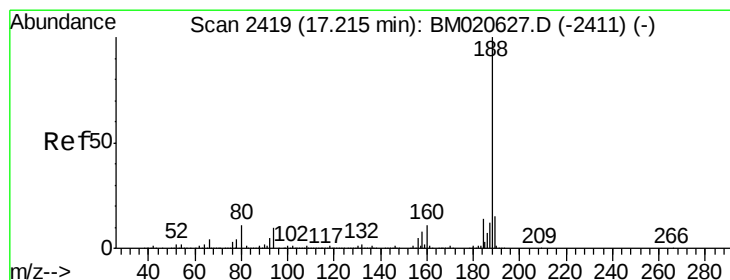
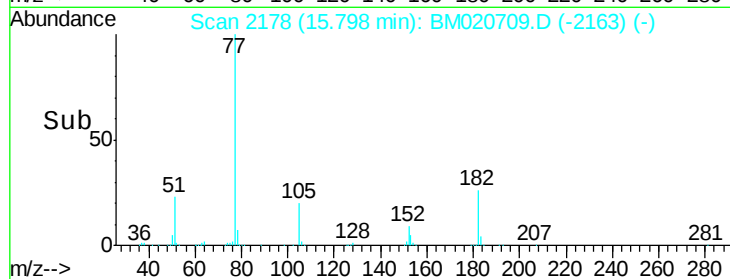
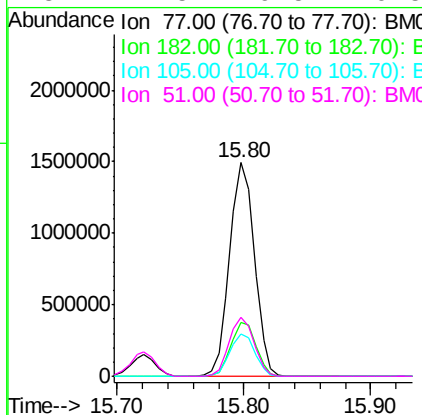
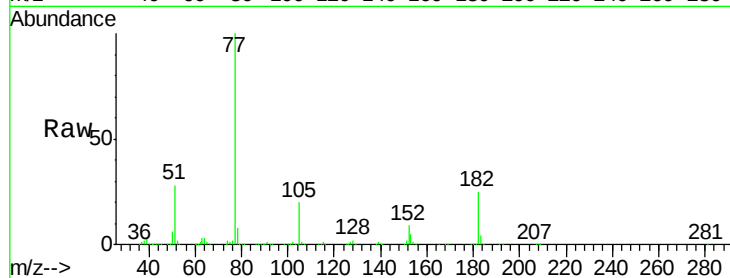
#63
Azobenzene
Concen: 38.682 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.1	3.6	43.6
105	19.6	0.0	39.4
51	27.5	9.5	49.5

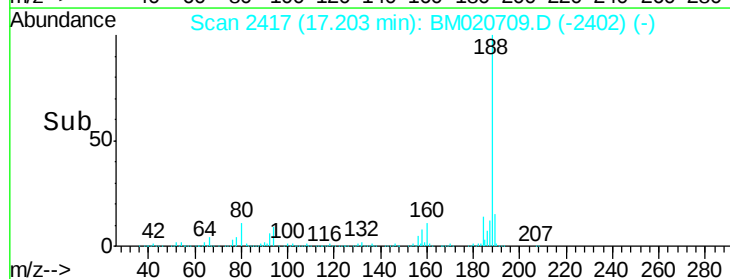
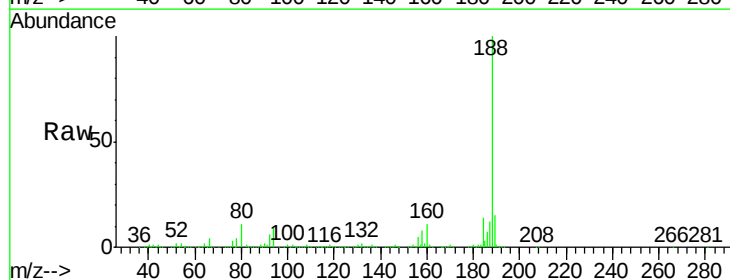
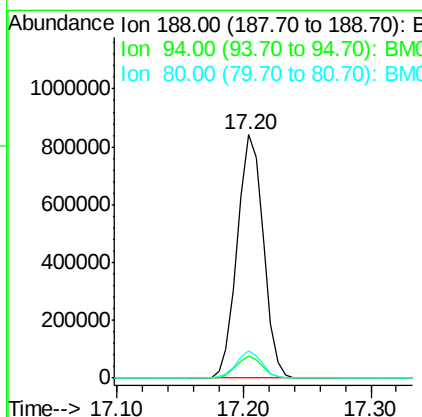
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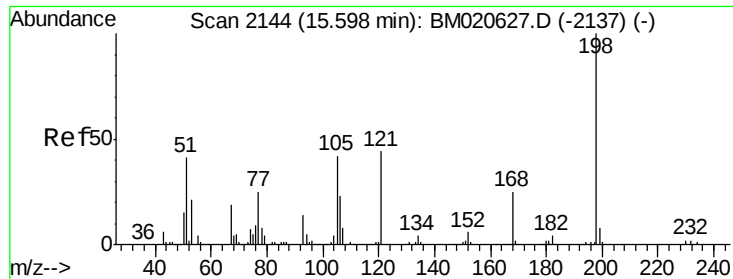
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.8	11.8
80	11.2	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 43.965 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

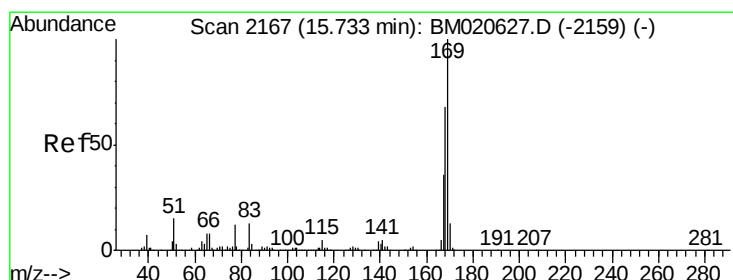
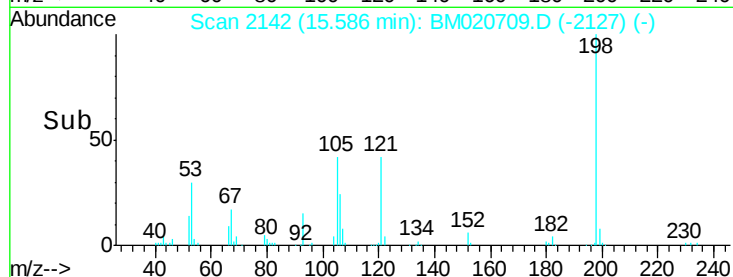
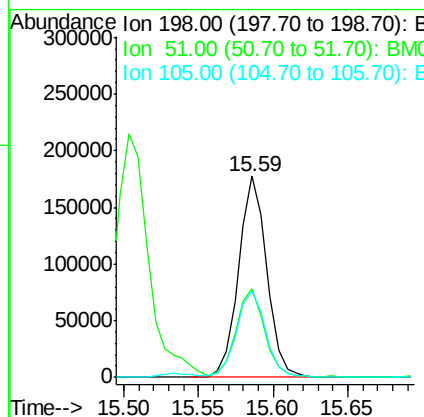
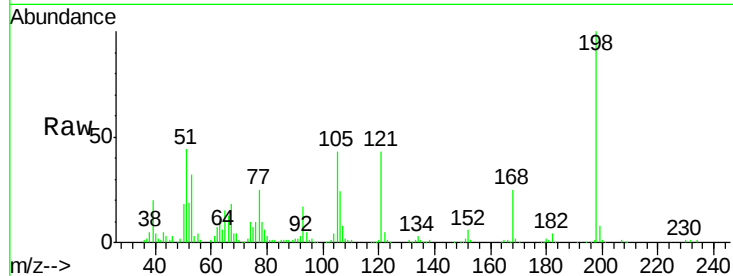
ClientSampleId :

PB120137BS

Tgt Ion:	198	Resp:	234254
Ion Ratio	Lower	Upper	
198	100		
51	44.2	27.7	67.7
105	42.8	23.8	63.8

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.003 ng

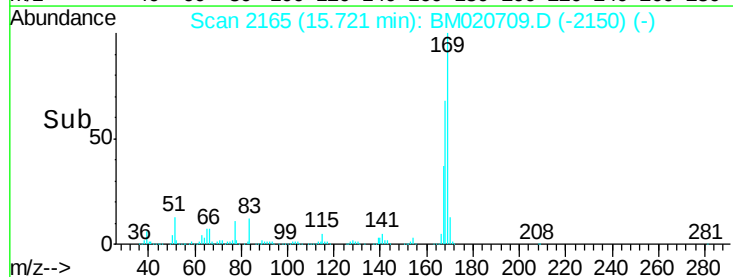
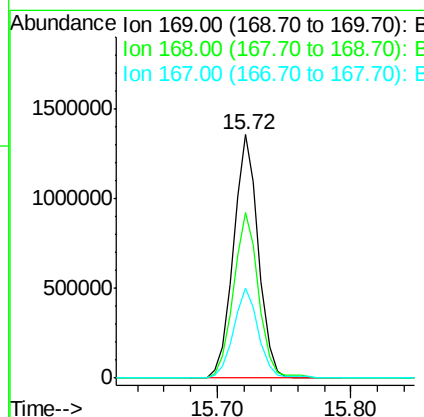
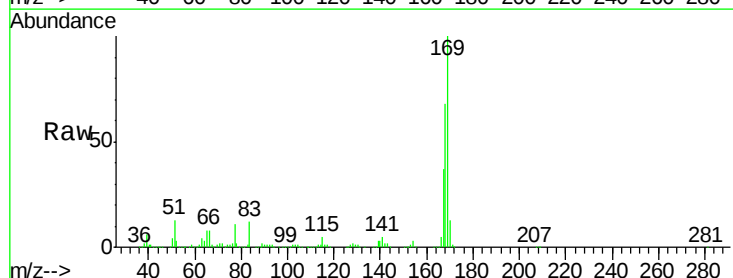
RT: 15.72 min Scan# 2165

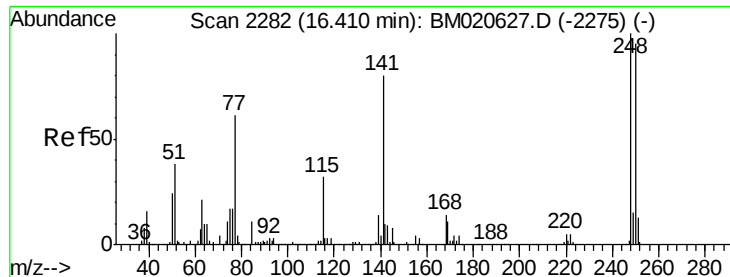
Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion:	169	Resp:	1760835
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.2	81.4
167	36.8	29.1	43.7





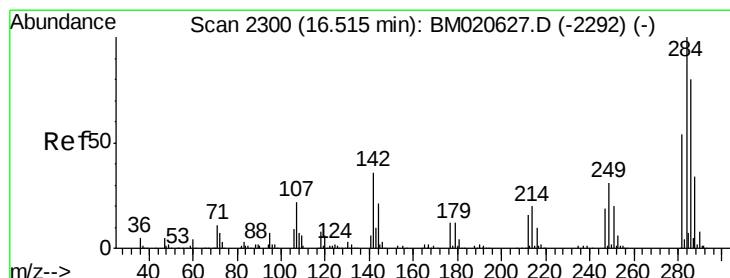
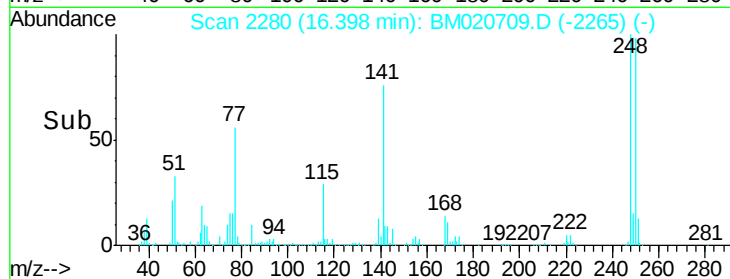
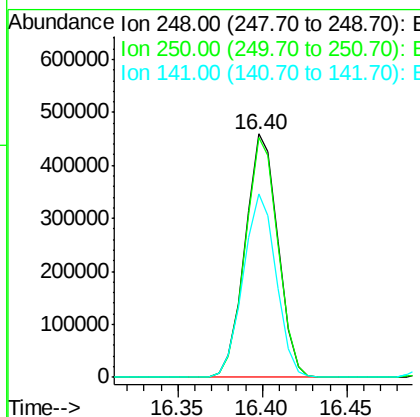
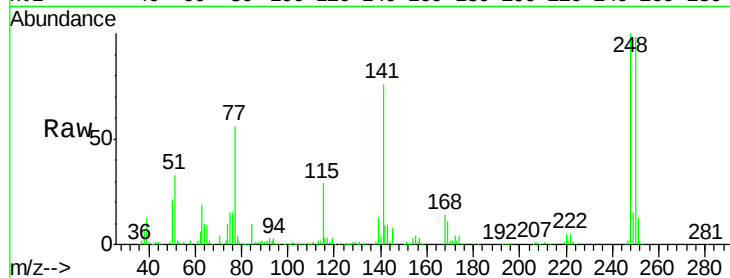
#67
 4-Bromophenyl-phenylether
 Concen: 44.082 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.3	114.5
141	75.6	64.2	96.2

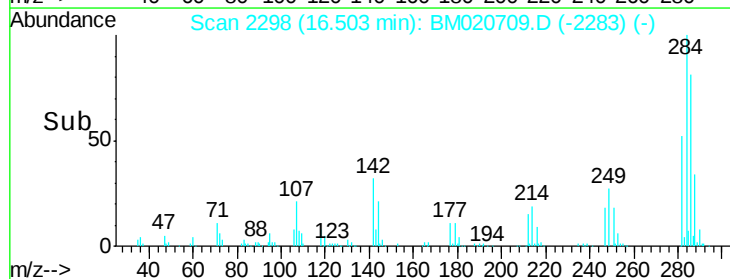
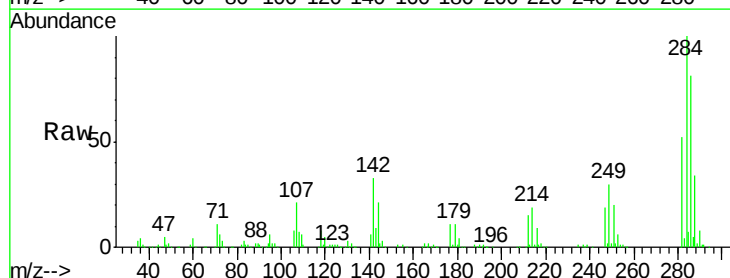
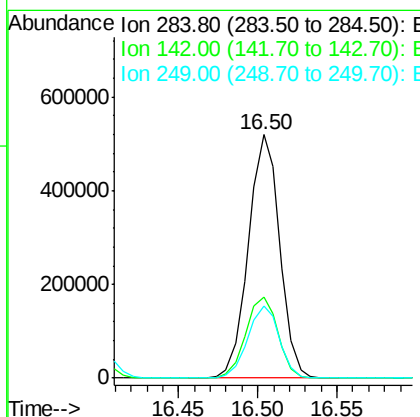
Manual Integrations
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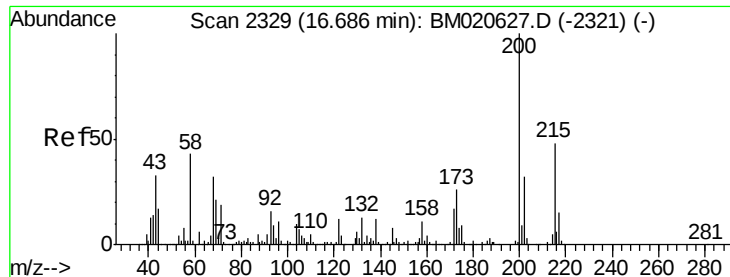
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#68
 Hexachlorobenzene
 Concen: 43.201 ng
 RT: 16.50 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.2	28.6	42.8
249	29.7	25.0	37.4





#69

Atrazine

Concen: 48.277 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

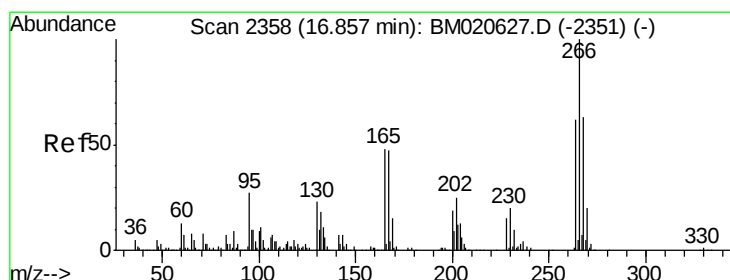
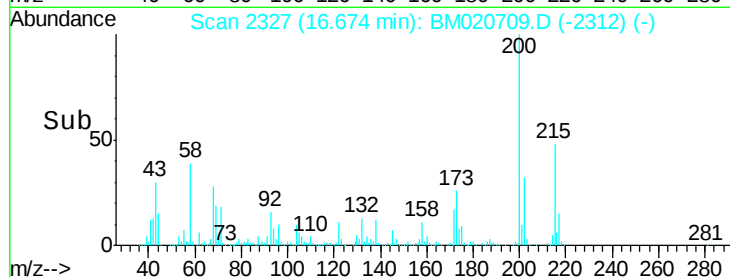
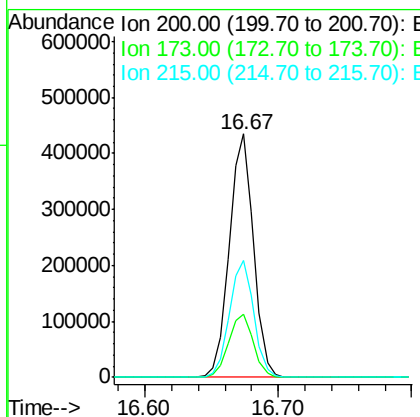
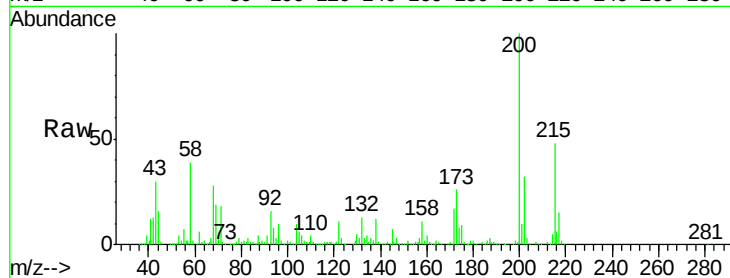
ClientSampleId :

PB120137BS

Tgt	Ion	200	Resp:	551510
Ion	Ratio	Lower	Upper	
200	100			
173	26.0	6.2	46.2	
215	47.9	27.7	67.7	

Manual Integrations
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#70

Pentachlorophenol

Concen: 103.323 ng

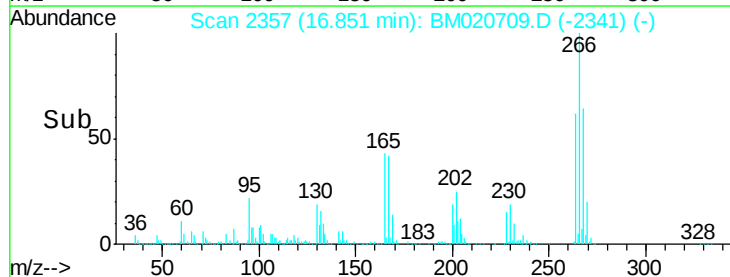
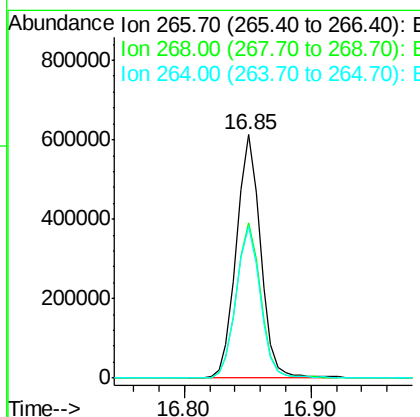
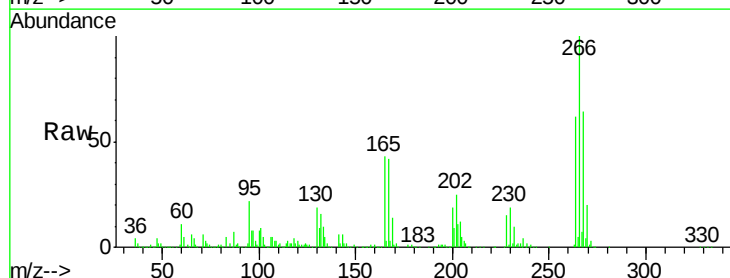
RT: 16.85 min Scan# 2357

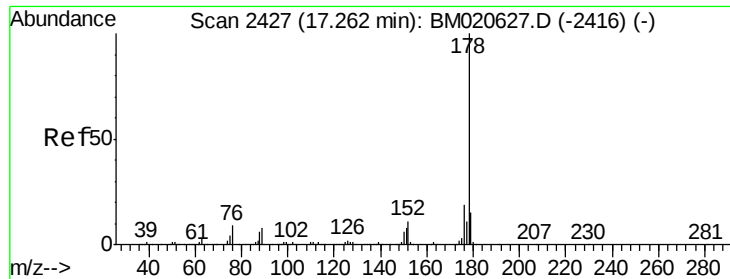
Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt	Ion	266	Resp:	810298
Ion	Ratio	Lower	Upper	
266	100			
268	63.6	50.6	75.8	
264	62.1	49.6	74.4	





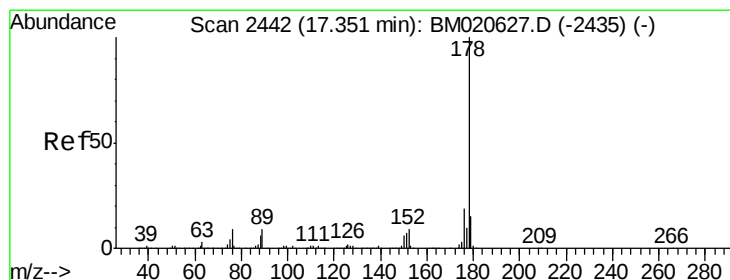
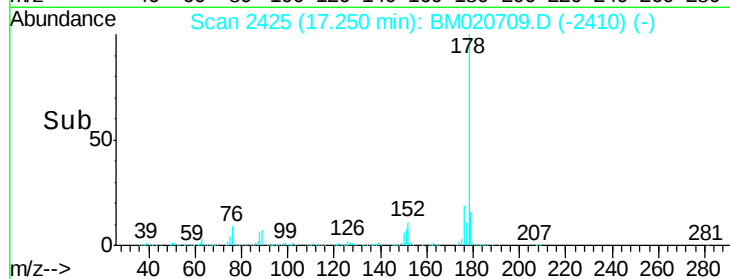
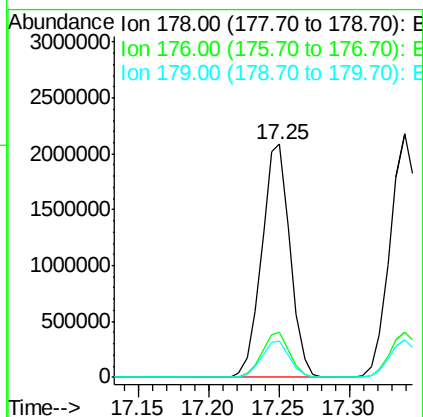
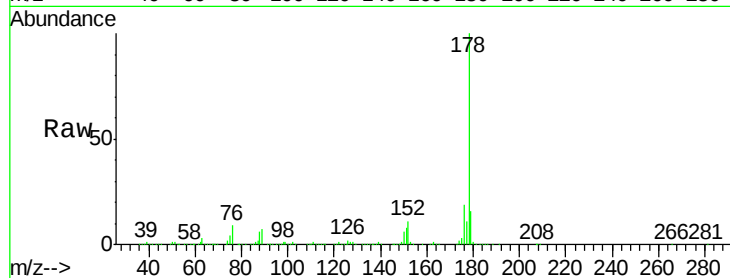
#71
Phenanthrene
Concen: 43.330 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.5	12.2	18.4

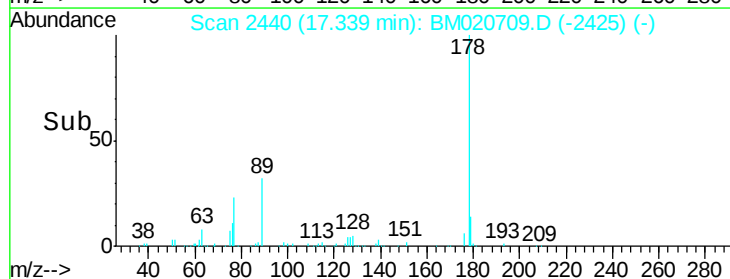
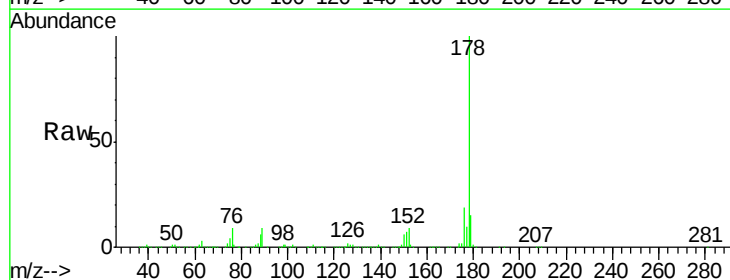
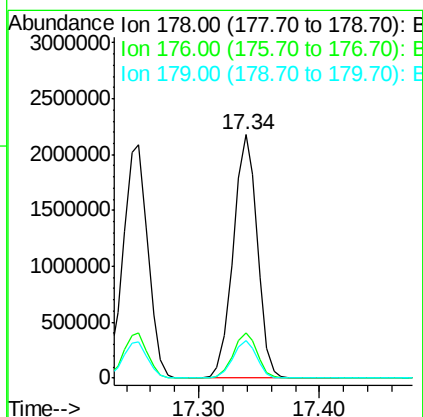
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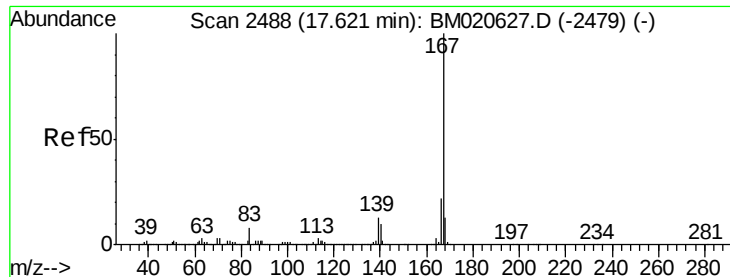
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#72
Anthracene
Concen: 44.458 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.5	12.3	18.5





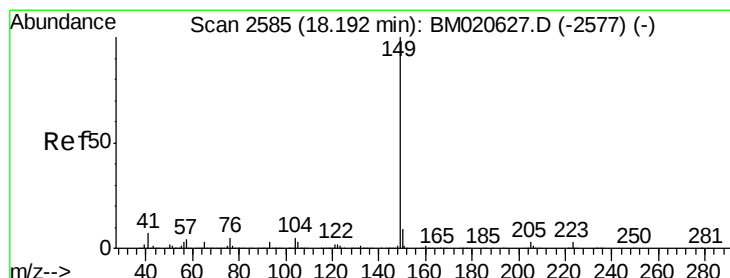
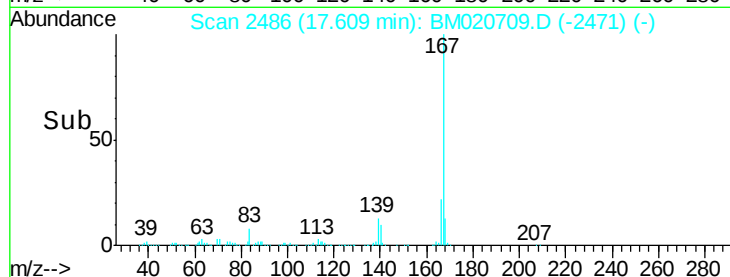
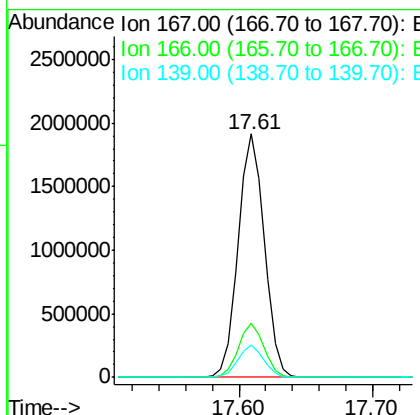
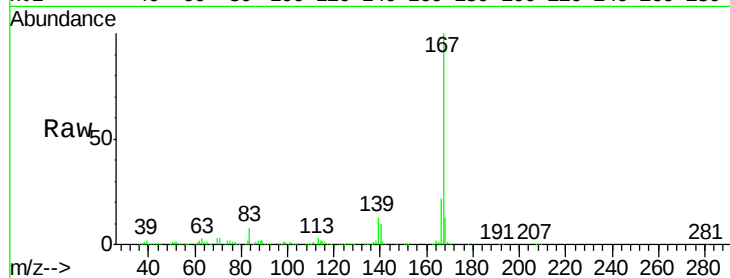
#73
 Carbazole
 Concen: 42.068 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.5	26.3
139	13.1	10.6	15.8

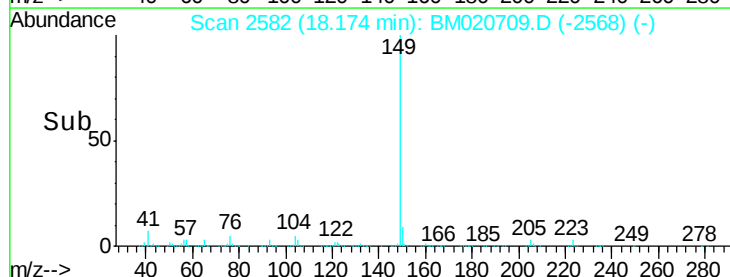
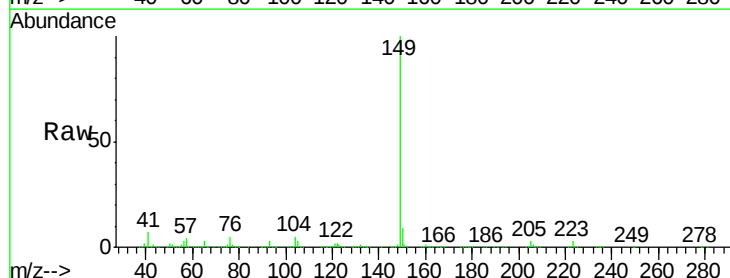
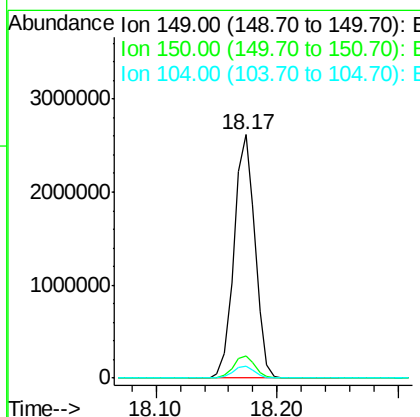
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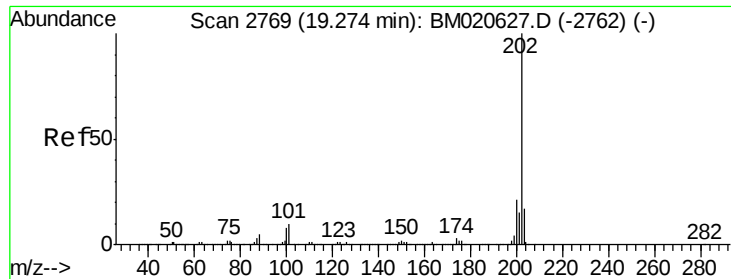
mohammad
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#74
 Di-n-butylphthalate
 Concen: 39.529 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 41.172 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

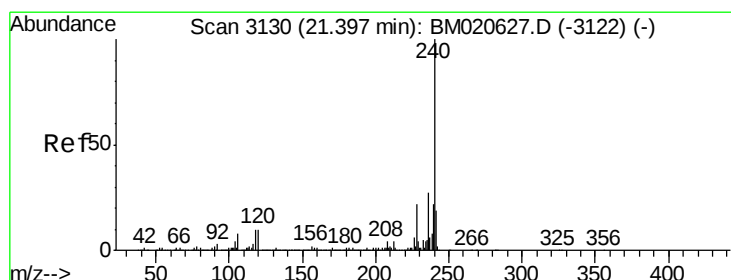
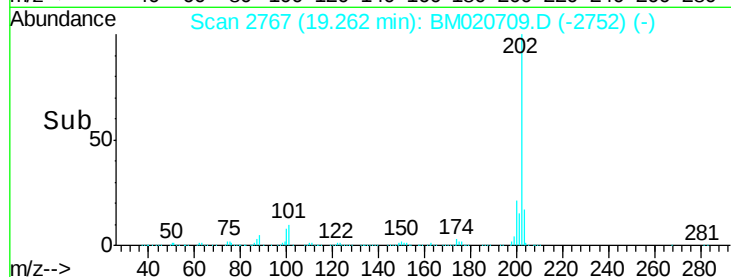
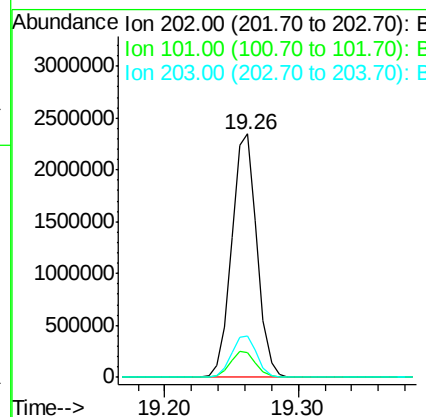
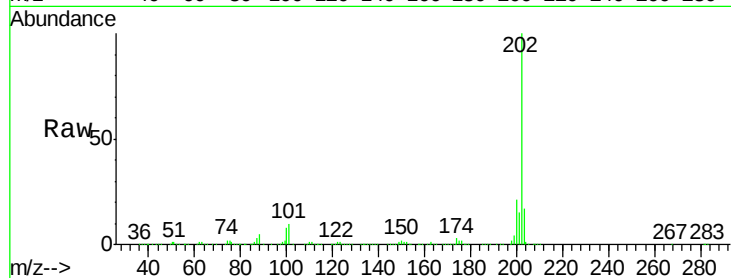
ClientSampleId :

PB120137BS

Tgt Ion:	202	Resp:	3103192
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.0	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

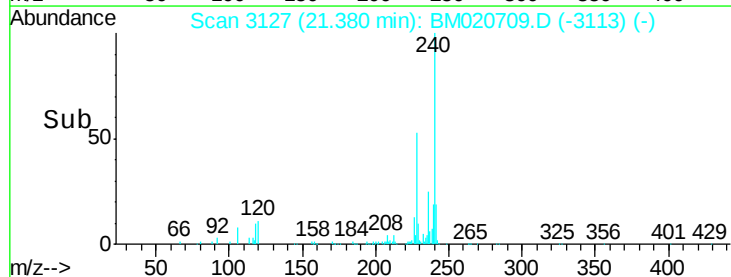
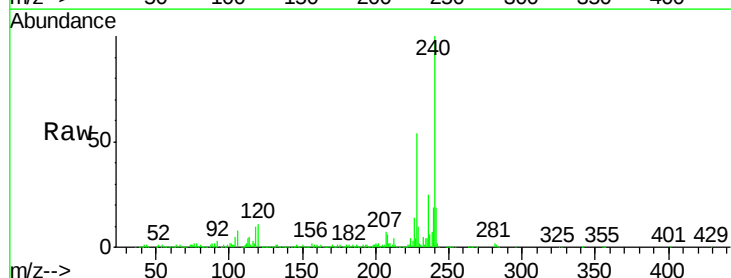
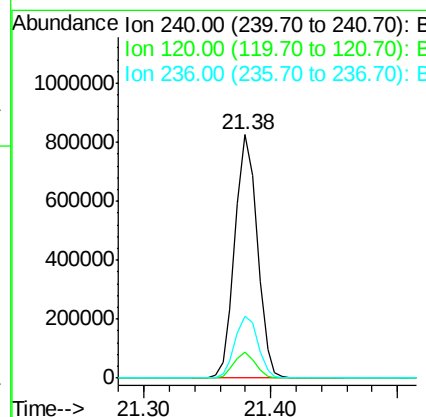
RT: 21.38 min Scan# 3127

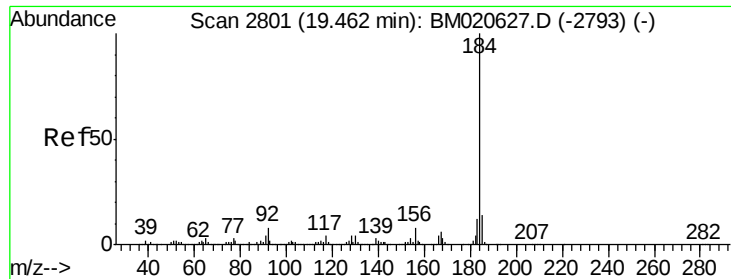
Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Tgt Ion:	240	Resp:	1009918
Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.2	12.2
236	25.4	21.2	31.8





#77

Benzidine

Concen: 46.868 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tgt Ion:184 Resp: 1434237

Ion Ratio Lower Upper

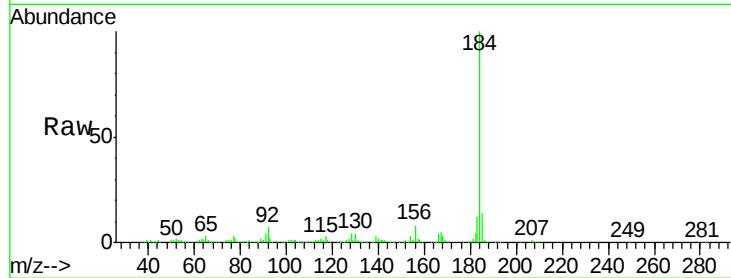
184 100

185 13.6 11.3 16.9

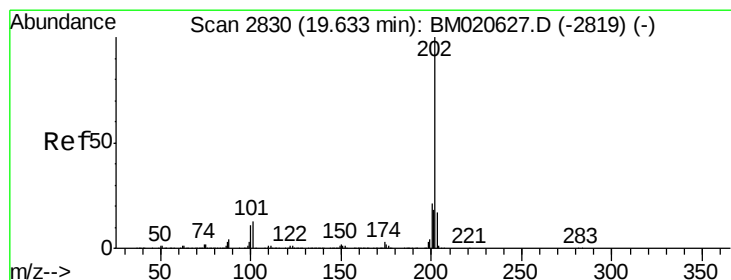
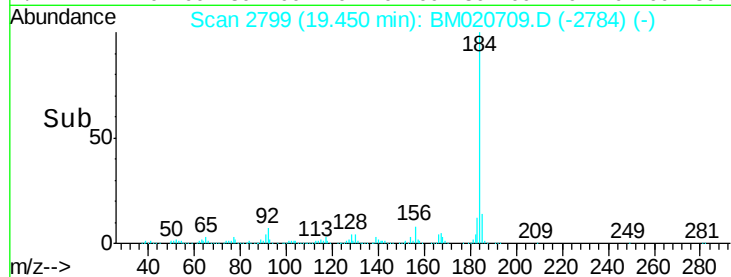
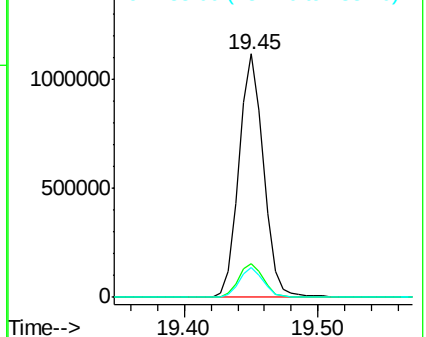
183 12.2 9.8 14.6

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



#78

Pyrene

Concen: 40.669 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

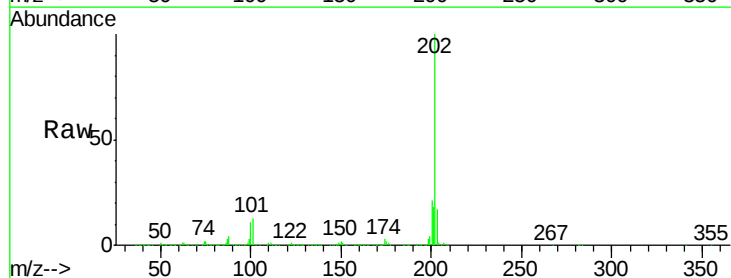
Tgt Ion:202 Resp: 3151858

Ion Ratio Lower Upper

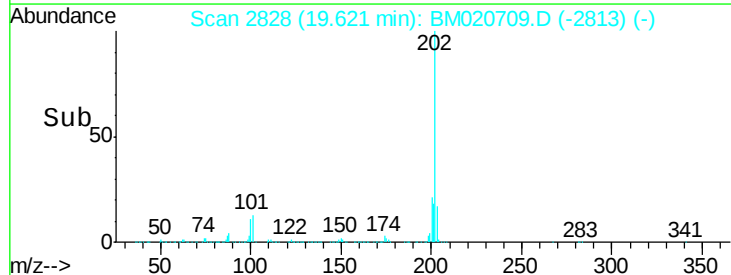
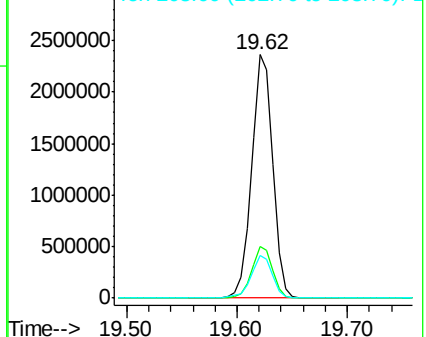
202 100

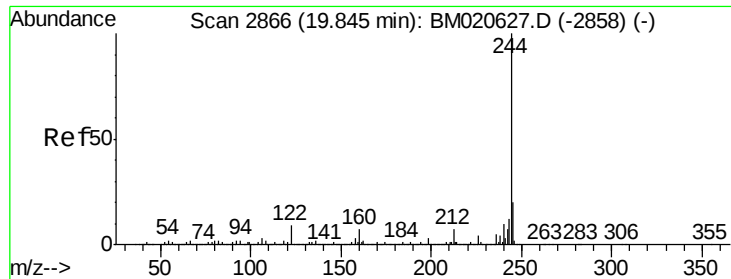
200 21.0 16.8 25.2

203 17.4 13.9 20.9



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





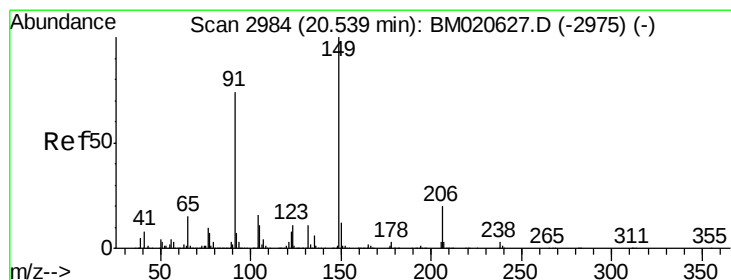
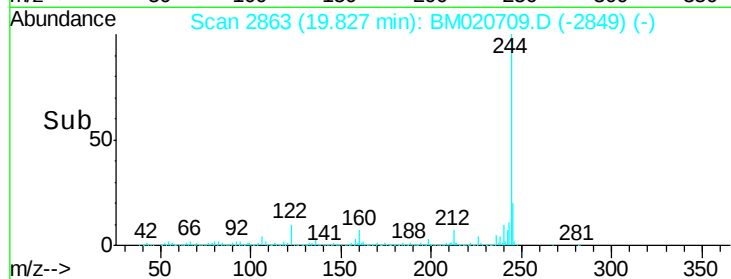
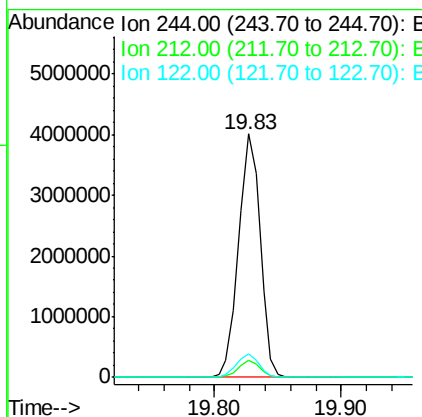
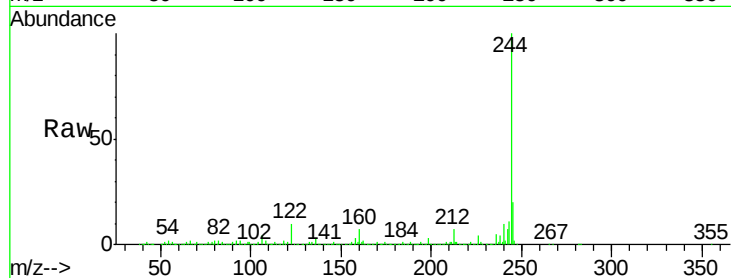
#79
 Terphenyl-d14
 Concen: 78.137 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tgt Ion:244 Resp: 4717759
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.8 7.2 10.8

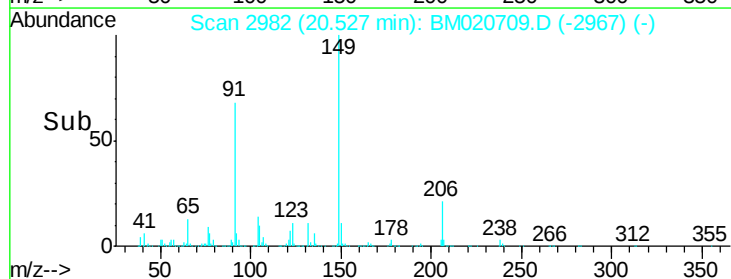
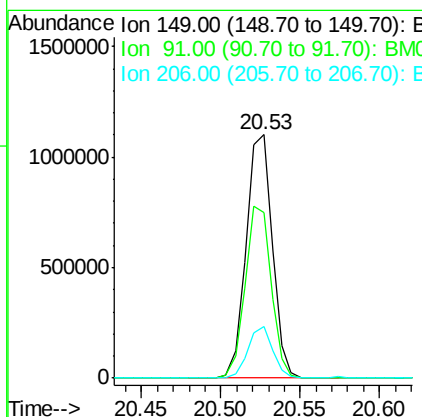
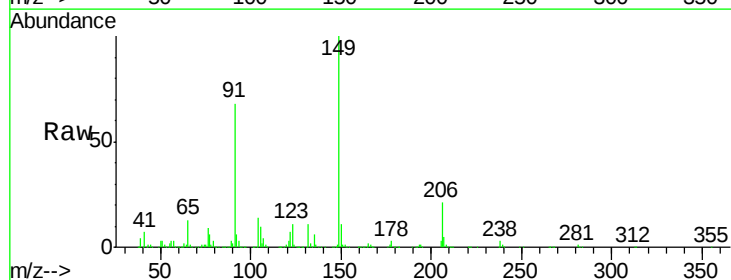
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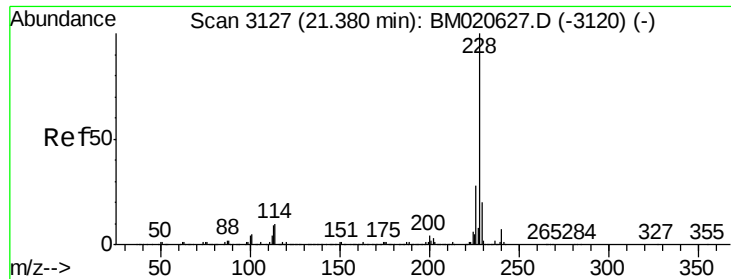
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#80
 Butylbenzylphthalate
 Concen: 38.476 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:149 Resp: 1260148
 Ion Ratio Lower Upper
 149 100
 91 68.1 59.6 89.4
 206 21.3 15.7 23.5





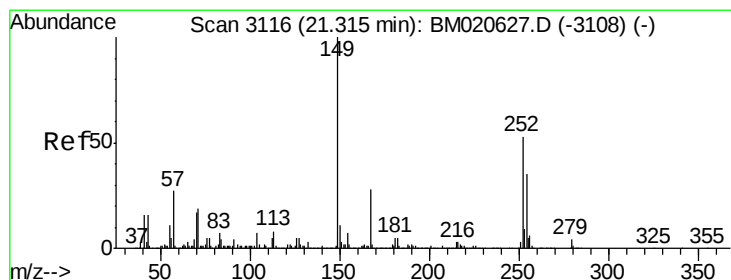
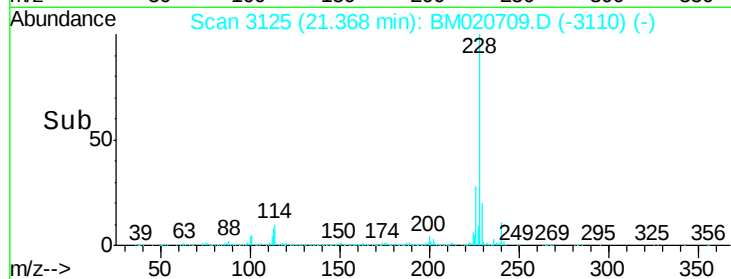
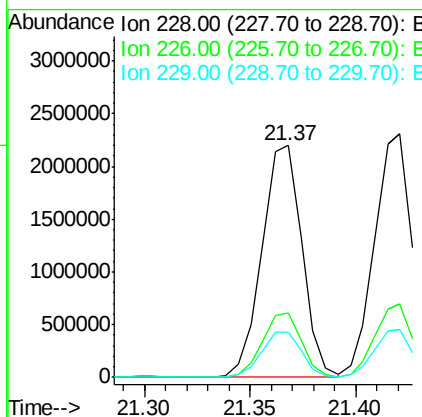
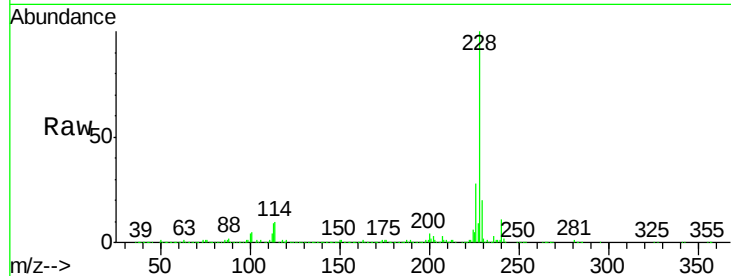
#81
Benzo(a)anthracene
Concen: 41.404 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.6	15.9	23.9

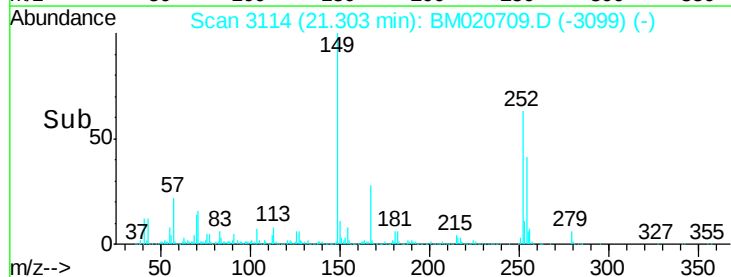
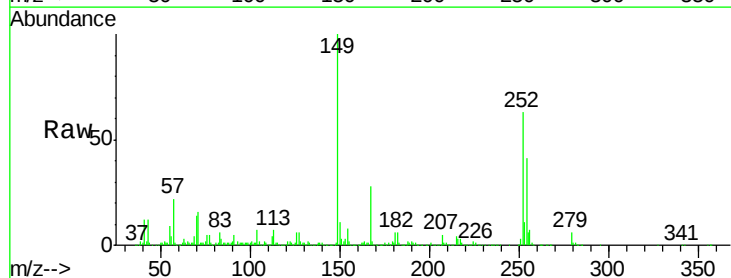
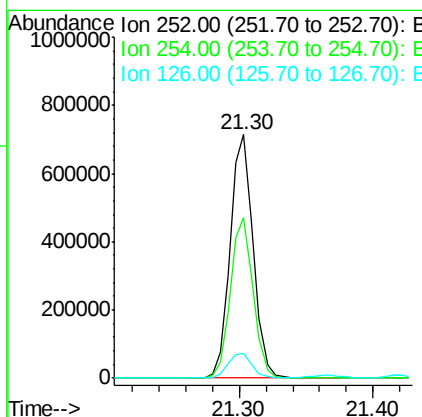
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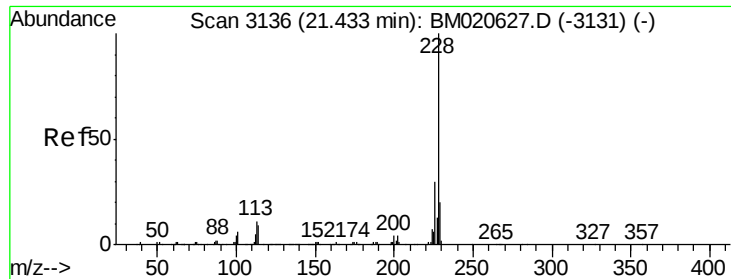
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.520 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.6	78.8
126	10.1	8.0	12.0





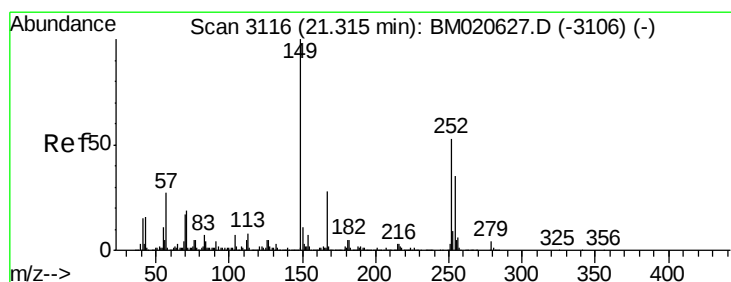
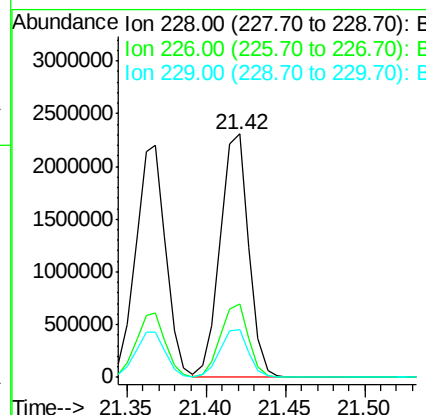
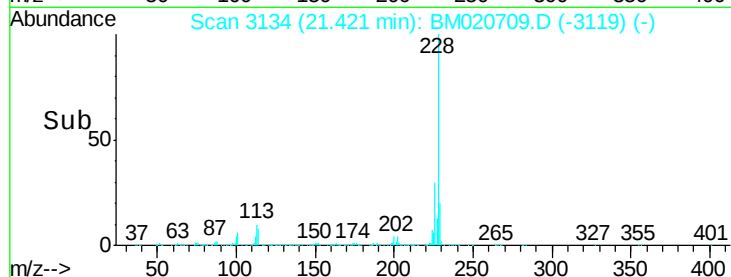
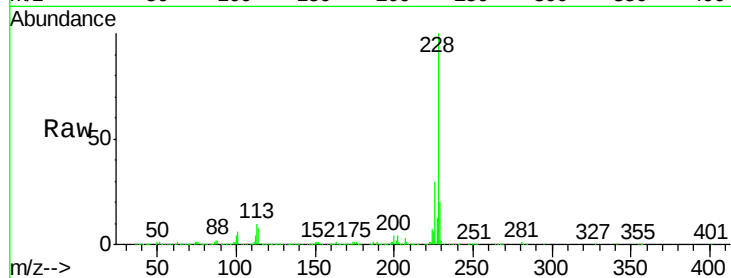
#83
 Chrysene
 Concen: 43.066 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Instrument :
 BNA_M
 ClientSampleId :
 PB120137BS

Tgt Ion:228 Resp: 2879060
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.6 15.8 23.6

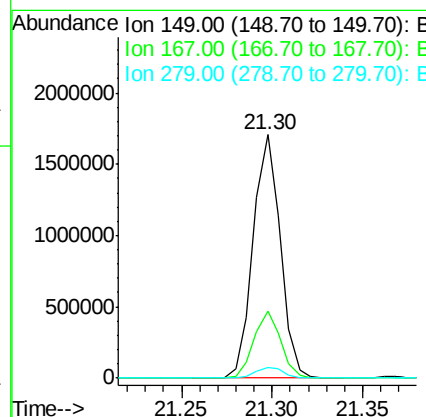
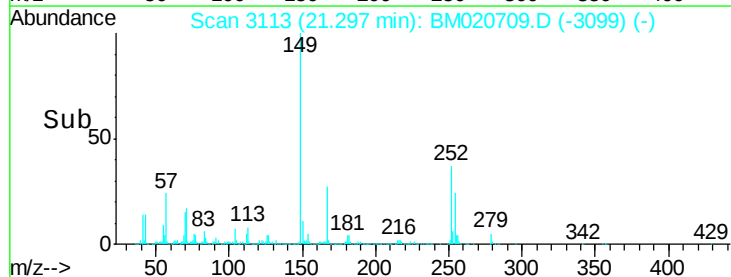
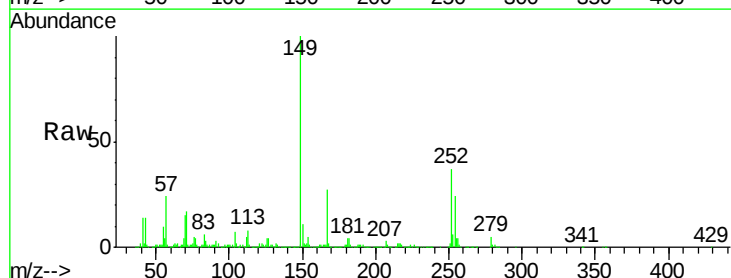
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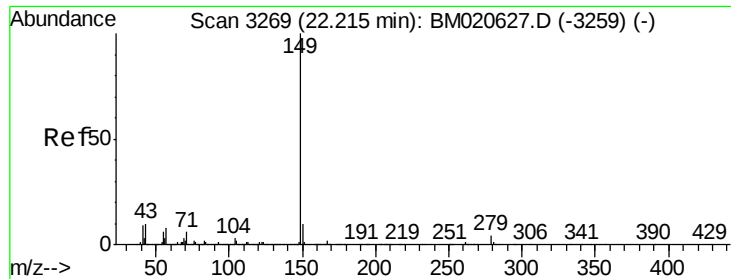
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.253 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020709.D
 Acq: 04 Jun 2019 18:48

Tgt Ion:149 Resp: 1773266
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.1 33.1
 279 4.6 3.4 5.0





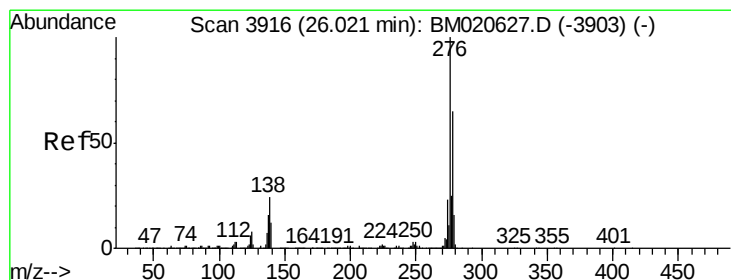
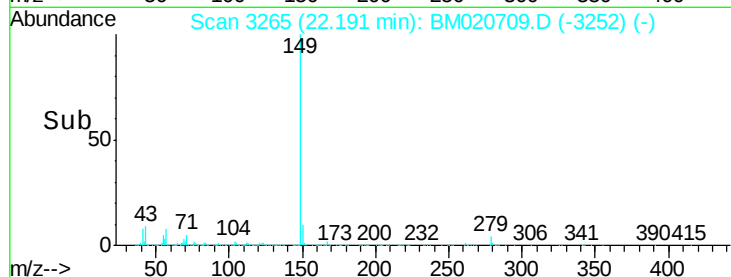
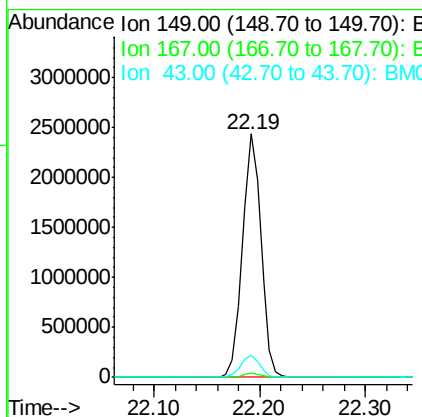
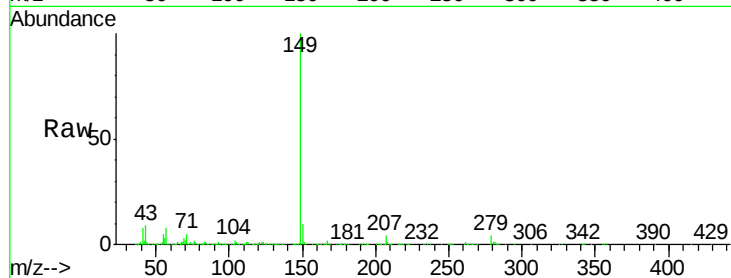
#85
Di-n-octyl phthalate
Concen: 39.063 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.2	8.2	12.4

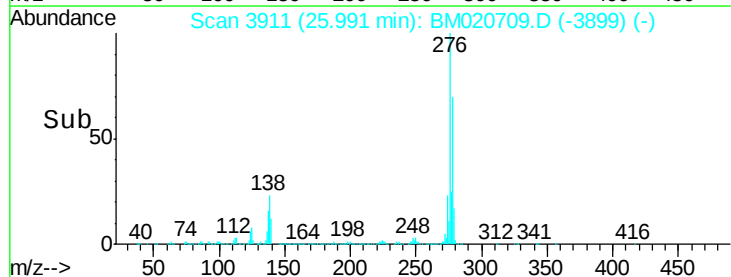
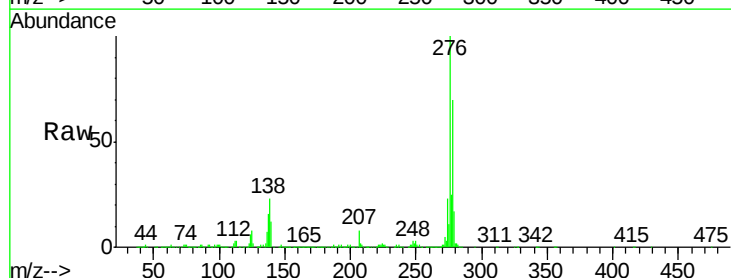
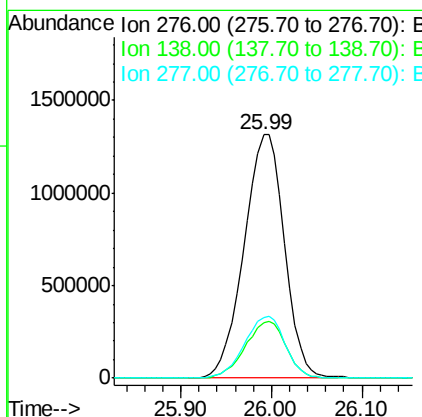
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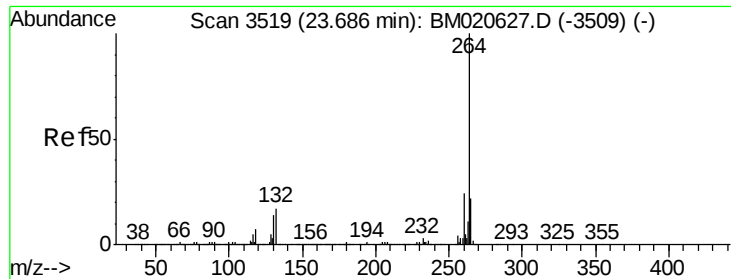
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.612 ng
RT: 25.99 min Scan# 3911
Delta R.T. -0.03 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.8
277	25.6	20.2	30.4





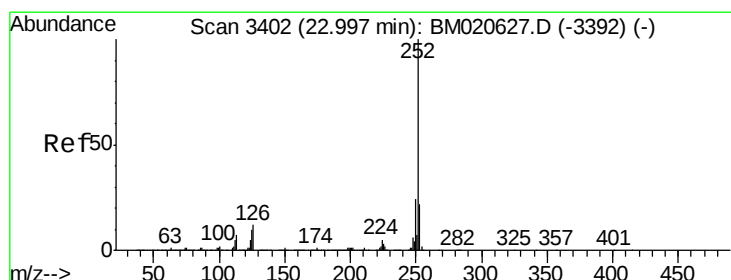
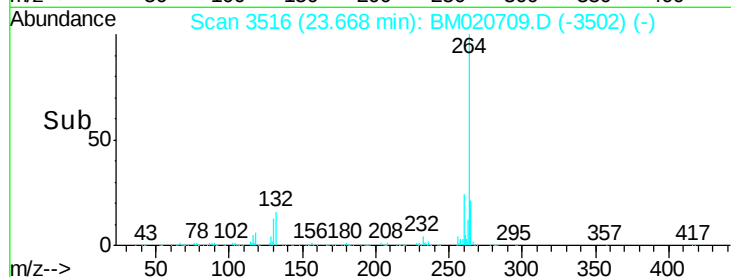
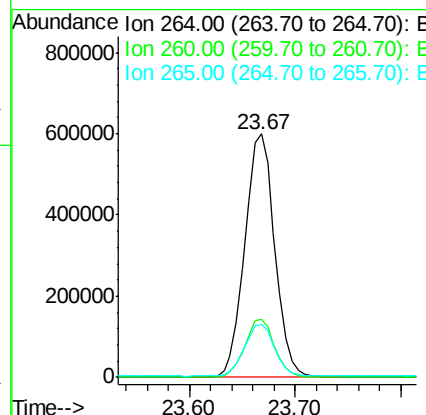
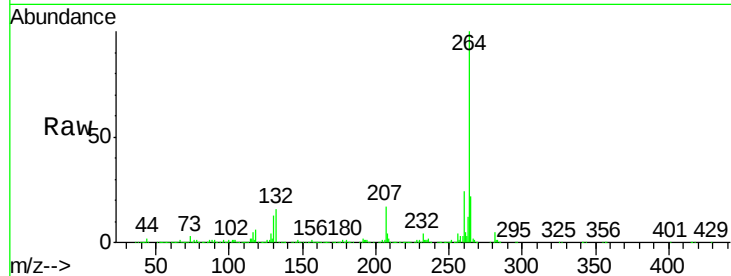
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.6	26.4

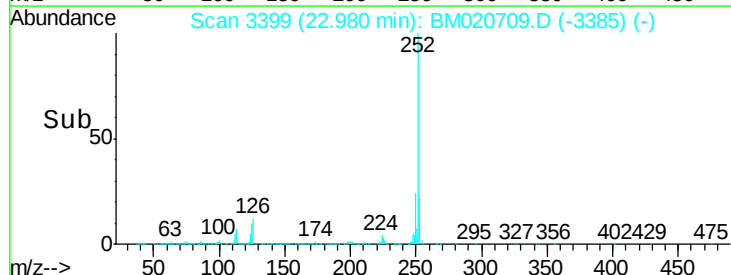
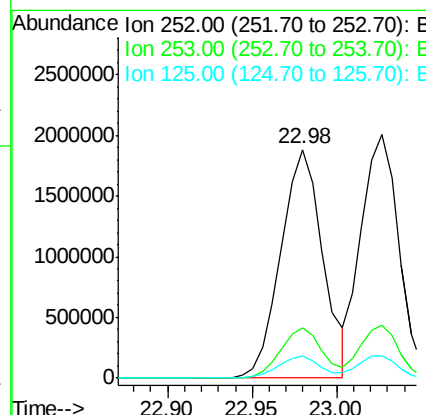
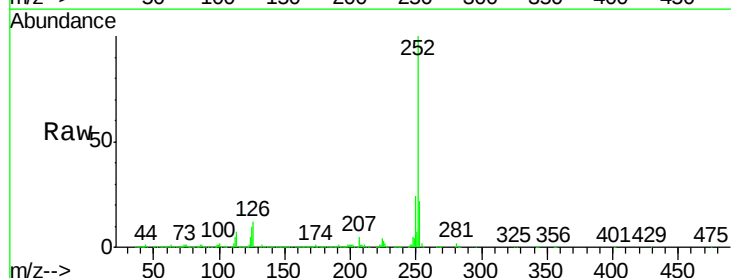
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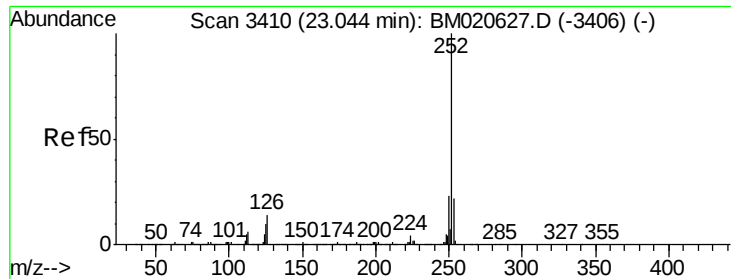
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.482 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	9.6	7.8	11.8





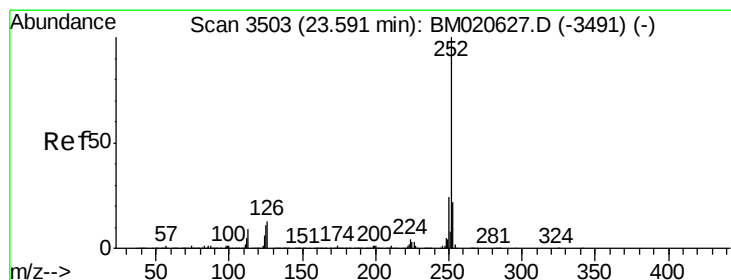
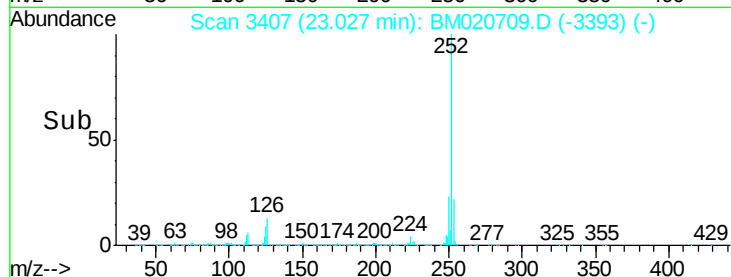
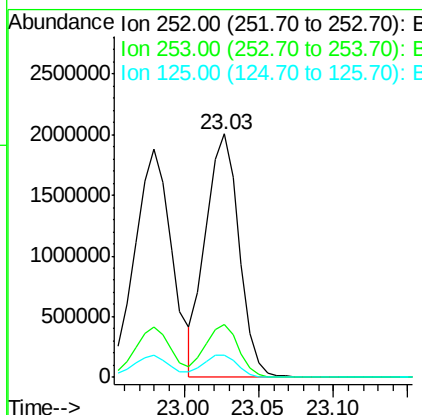
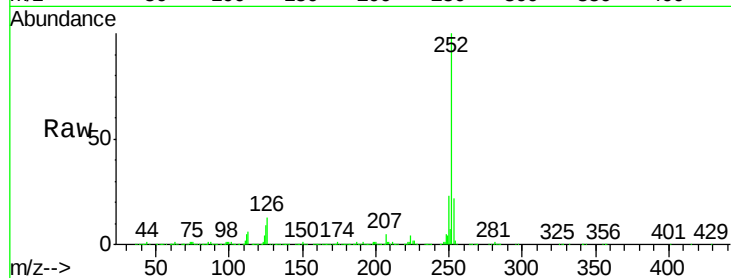
#89
Benzo(k)fluoranthene
Concen: 40.921 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Instrument :
BNA_M
ClientSampleId :
PB120137BS

Tgt Ion:252 Resp: 3119736
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 9.1 7.8 11.8

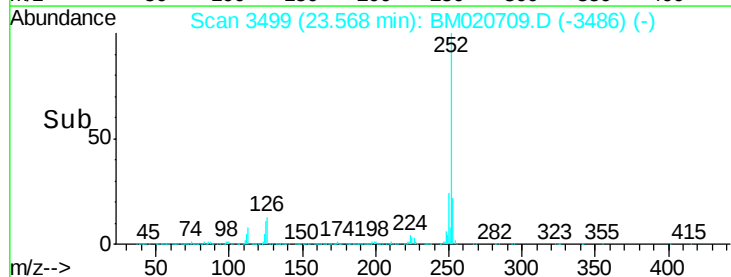
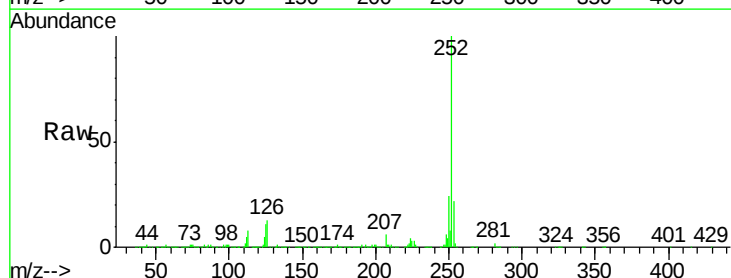
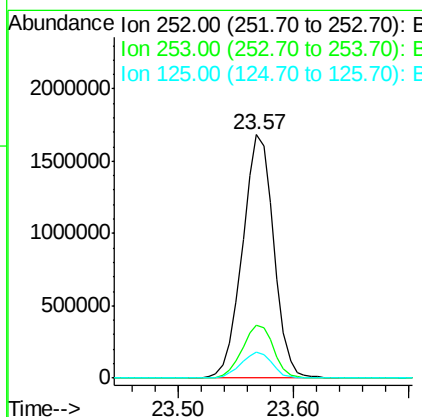
Manual Integrations
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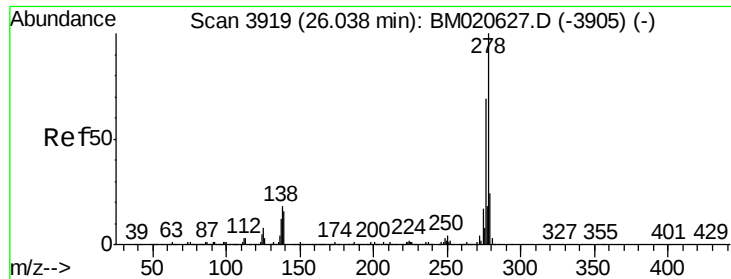
mohammad
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#90
Benzo(a)pyrene
Concen: 44.696 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020709.D
Acq: 04 Jun 2019 18:48

Tgt Ion:252 Resp: 3162803
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.6 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 50.076 ng

RT: 26.01 min Scan# 3914

Delta R.T. -0.03 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

Instrument :

BNA_M

ClientSampleId :

PB120137BS

Tgt Ion:278 Resp: 3437795

Ion Ratio Lower Upper

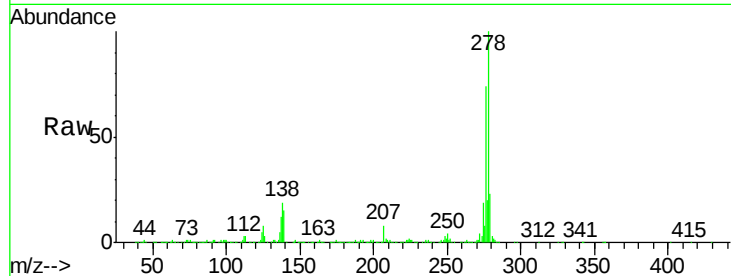
278 100

139 14.6 12.6 18.8

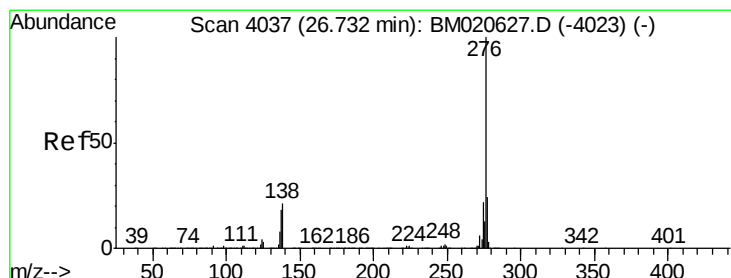
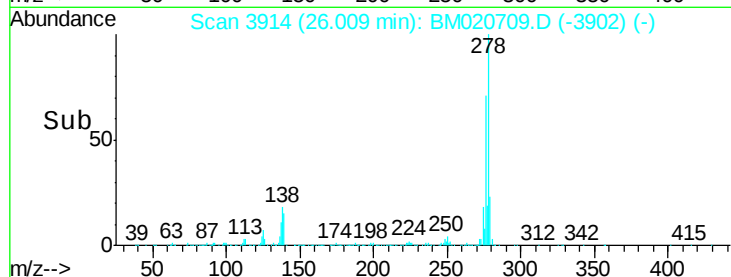
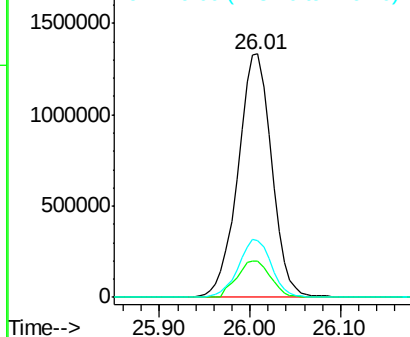
279 23.2 19.0 28.6

Manual Integrations
APPROVED

mohammad
6/5/2019 3:41:32 PM



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



#92

Benzo(g,h,i)perylene

Concen: 52.132 ng

RT: 26.71 min Scan# 4033

Delta R.T. -0.02 min

Lab File: BM020709.D

Acq: 04 Jun 2019 18:48

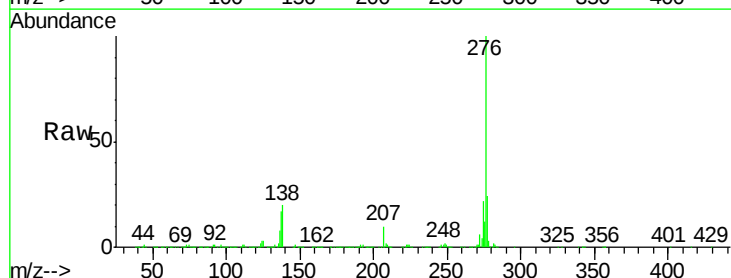
Tgt Ion:276 Resp: 3324301

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 20.5 17.0 25.4



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

