

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020665.D
 Acq On : 03 Jun 2019 11:40
 Operator : HP/JU
 Sample : PB120182BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Manual Integrations
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mohammad
 6/5/2019 8:45:58 AM

Quant Time: Jun 04 05:21:53 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	312072	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1186679	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	577806	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1110181	20.00	ng	0.00
76) Chrysene-d12	21.39	240	930001	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1090810	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2619338	147.65	ng	0.00
7) Phenol-d6	7.00	99	3458540	132.40	ng	0.00
23) Nitrobenzene-d5	8.99	82	1781058	77.76	ng	0.00
42) 2,4,6-Tribromophenol	15.96	330	994196	138.87	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	3557261	81.85	ng	0.00
79) Terphenyl-d14	19.83	244	3386264	60.90	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	230552	31.741 ng	99
3) Pyridine	3.74	79	647432	28.016 ng	99
4) n-Nitrosodimethylamine	3.66	42	291095	29.220 ng	98
6) Aniline	7.16	93	738767	19.545 ng	98
8) 2-Chlorophenol	7.39	128	683733	30.980 ng	99
9) Benzaldehyde	6.97	77	232786	11.540 ng	98
10) Phenol	7.02	94	835682	29.685 ng	99
11) bis(2-Chloroethyl)ether	7.26	93	635121	28.309 ng	96
12) 1,3-Dichlorobenzene	7.72	146	726861	28.656 ng	100
13) 1,4-Dichlorobenzene	7.86	146	741899	28.771 ng	99
14) 1,2-Dichlorobenzene	8.18	146	713188	28.420 ng	99
15) Benzyl Alcohol	8.07	79	610608	26.422 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.35	45	889832	25.690 ng	98
17) 2-Methylphenol	8.26	107	548779	27.722 ng	99
18) Hexachloroethane	8.90	117	272767	27.629 ng	98
19) n-Nitroso-di-n-propylamine	8.63	70	518123	24.674 ng	99
20) 3+4-Methylphenols	8.59	107	725733	26.946 ng	99
22) Acetophenone	8.65	105	965939	32.042 ng	# 97
24) Nitrobenzene	9.03	77	763067	32.635 ng	98
25) Isophorone	9.55	82	1329257	29.176 ng	100
26) 2-Nitrophenol	9.74	139	300432	34.476 ng	98
27) 2,4-Dimethylphenol	9.79	122	591388	36.217 ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	821889	29.836 ng	99
29) 2,4-Dichlorophenol	10.26	162	580842	32.151 ng	99
30) 1,2,4-Trichlorobenzene	10.48	180	650311	31.305 ng	100
31) Naphthalene	10.67	128	1960821	32.132 ng	99
32) Benzoic acid	9.92	122	282812	29.708 ng	99
33) 4-Chloroaniline	10.78	127	362972	12.781 ng	97
34) Hexachlorobutadiene	10.95	225	377982	30.325 ng	99
35) Caprolactam	11.56	113	162974m	25.967 ng	
36) 4-Chloro-3-methylphenol	11.90	107	599946	28.563 ng	99
37) 2-Methylnaphthalene	12.28	142	1389803	30.726 ng	99
38) 1-Methylnaphthalene	12.50	142	1308701	30.386 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	676035	35.702 ng	99

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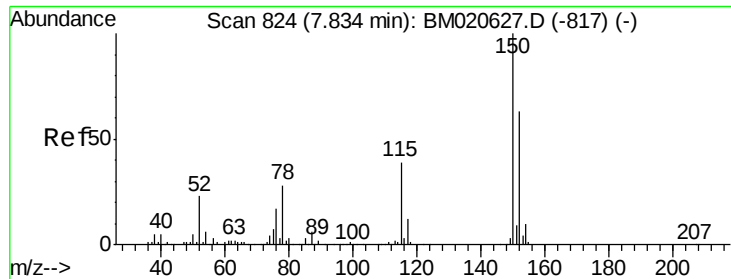
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	815430	72.005	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	416116	34.141	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	443307	35.230	ng	98
46) 1,1'-Biphenyl	13.30	154	1698407	35.195	ng	99
47) 2-Chloronaphthalene	13.34	162	1311463	33.673	ng	99
48) 2-Nitroaniline	13.55	65	367940	30.099	ng	94
49) Acenaphthylene	14.19	152	2020901	33.255	ng	100
50) Dimethylphthalate	13.93	163	1501699	30.420	ng	100
51) 2,6-Dinitrotoluene	14.05	165	321191	32.044	ng	94
52) Acenaphthene	14.53	154	1183161	32.671	ng	99
53) 3-Nitroaniline	14.37	138	196544	17.567	ng	97
54) 2,4-Dinitrophenol	14.58	184	244724	58.861	ng	95
55) Dibenzofuran	14.86	168	1829258	32.522	ng	100
56) 4-Nitrophenol	14.67	139	522245	63.345	ng	95
57) 2,4-Dinitrotoluene	14.83	165	420356	31.321	ng	99
58) Fluorene	15.52	166	1451814	31.387	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	355580	32.430	ng	99
60) Diethylphthalate	15.29	149	1498315	29.429	ng	100
61) 4-Chlorophenyl-phenylether	15.51	204	743137	30.344	ng	98
62) 4-Nitroaniline	15.54	138	313561	26.426	ng	95
63) Azobenzene	15.80	77	1466831	30.052	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	147912	32.712	ng	97
66) n-Nitrosodiphenylamine	15.73	169	1235840	34.774	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	421143	32.219	ng	99
68) Hexachlorobenzene	16.51	284	476194	31.198	ng	98
69) Atrazine	16.67	200	379769	35.804	ng	99
70) Pentachlorophenol	16.85	266	522123	71.704	ng	100
71) Phenanthrene	17.25	178	2052557	32.617	ng	99
72) Anthracene	17.34	178	2099661	33.337	ng	99
73) Carbazole	17.62	167	1833028	32.071	ng	100
74) Di-n-butylphthalate	18.18	149	2254725	30.389	ng	100
75) Fluoranthene	19.26	202	2194953	31.365	ng	99
77) Benzidine	19.46	184	1028717	36.505	ng	99
78) Pyrene	19.63	202	2235394	31.323	ng	100
80) Butylbenzylphthalate	20.53	149	907850	30.101	ng	98
81) Benzo(a)anthracene	21.37	228	2093034	32.318	ng	100
82) 3,3'-Dichlorobenzidine	21.31	252	615028	25.933	ng	97
83) Chrysene	21.42	228	2052028	33.332	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1312857	29.951	ng	98
85) Di-n-octyl phthalate	22.20	149	2232632	32.082	ng	99
86) Indeno(1,2,3-cd)pyrene	26.00	276	2926721	46.470	ng	100
88) Benzo(b)fluoranthene	22.99	252	2353273	32.641	ng	100
89) Benzo(k)fluoranthene	23.03	252	2222199	31.540	ng	100
90) Benzo(a)pyrene	23.57	252	2285852	34.955	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	2469872	38.930	ng	100
92) Benzo(g,h,i)perylene	26.71	276	2402567	40.770	ng	99

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



#1

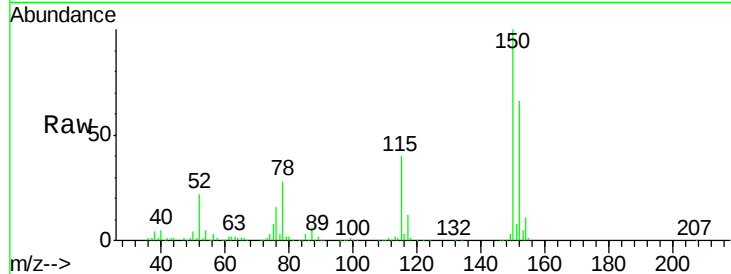
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
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ClientSampleId :
PB120182BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.0	189.0
115	61.0	49.6	74.4

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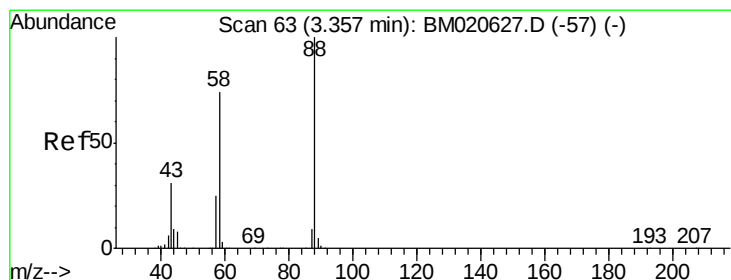
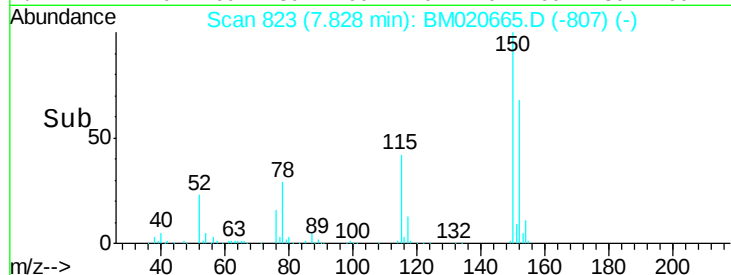
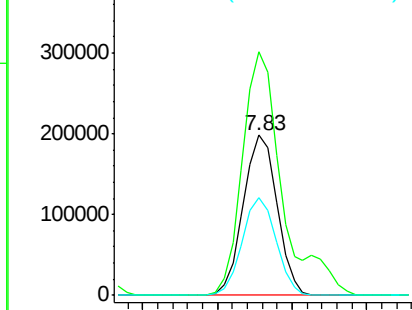


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

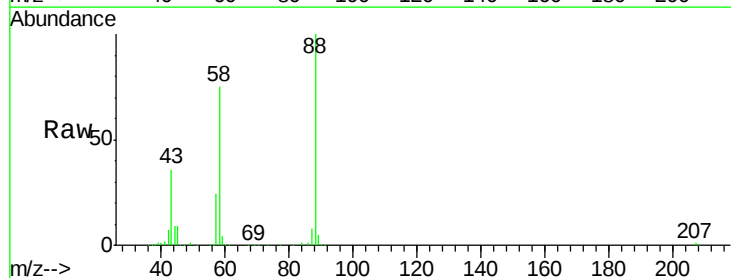
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.741 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.0	60.2	90.4
43	31.3	25.3	37.9

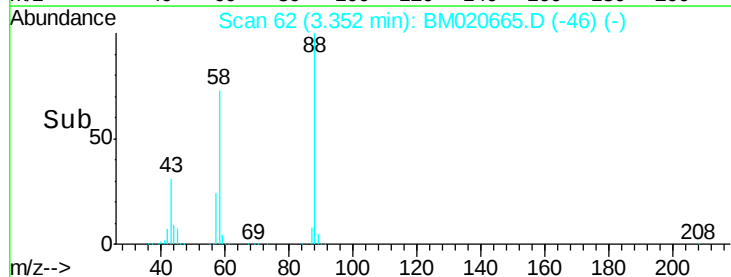
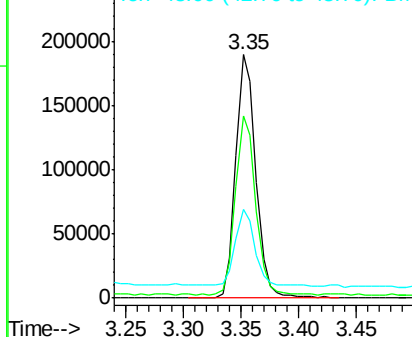


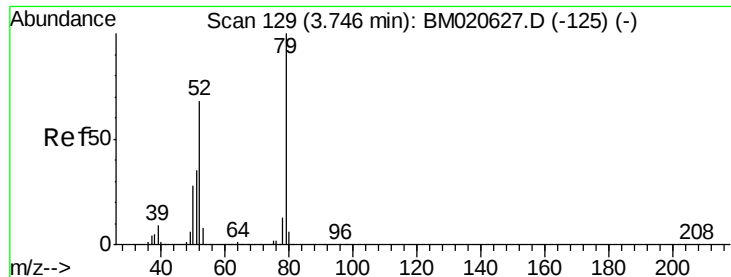
Abundance

Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 28.016 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

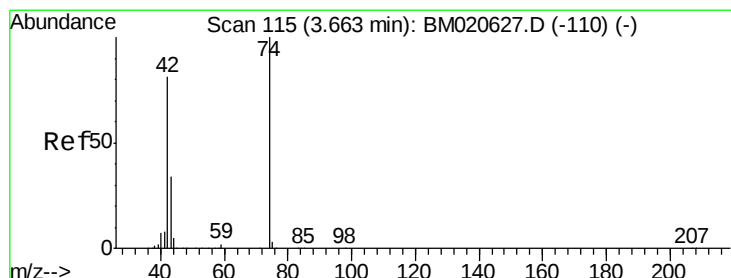
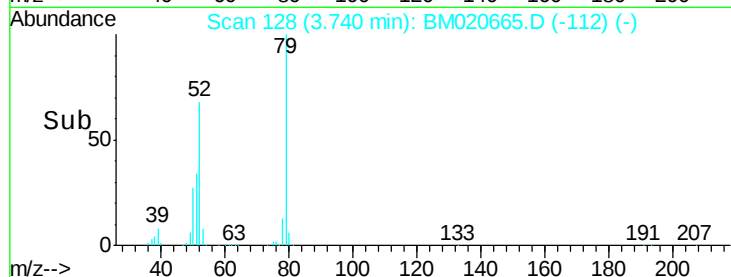
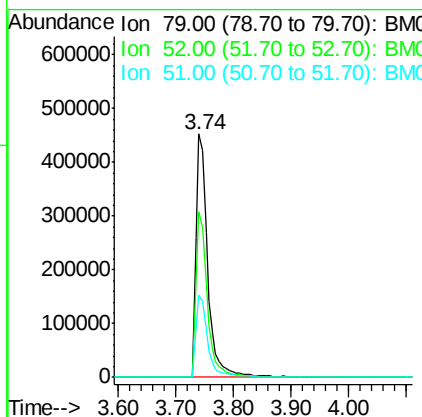
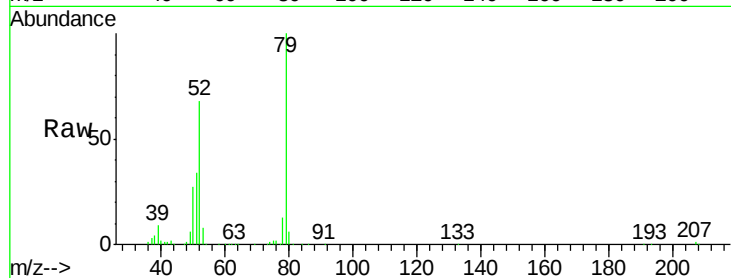
ClientSampleId :

PB120182BS

Tot Ion:	79	Resp:	647432
Ion Ratio	Lower	Upper	
79	100		
52	68.0	54.1	81.1
51	33.7	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 29.220 ng

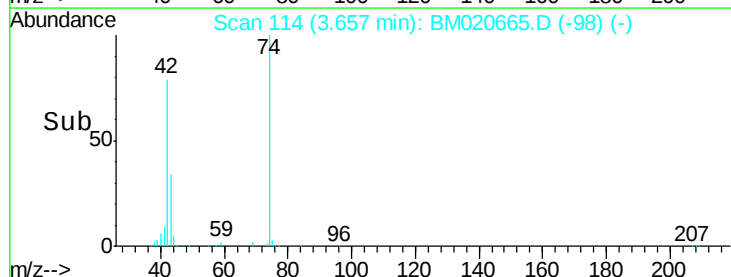
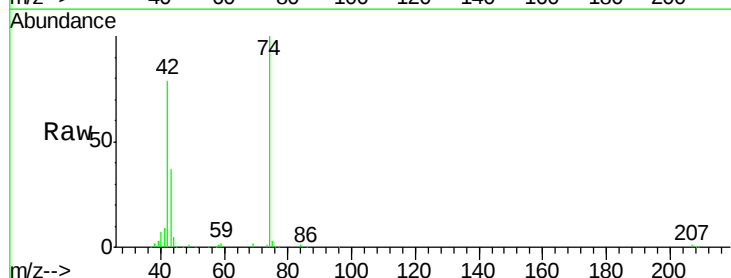
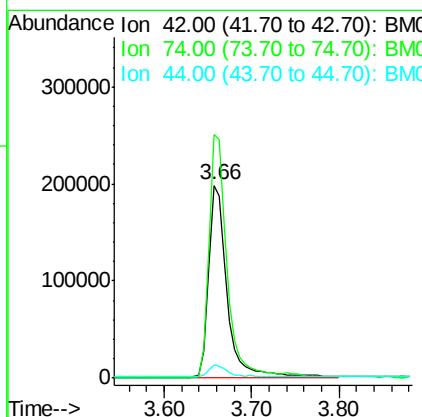
RT: 3.66 min Scan# 114

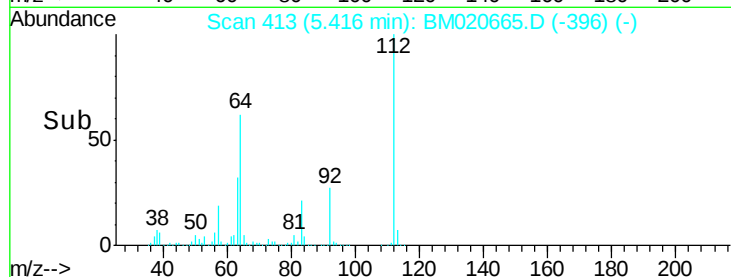
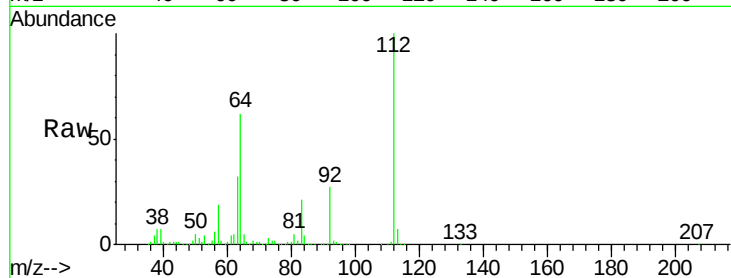
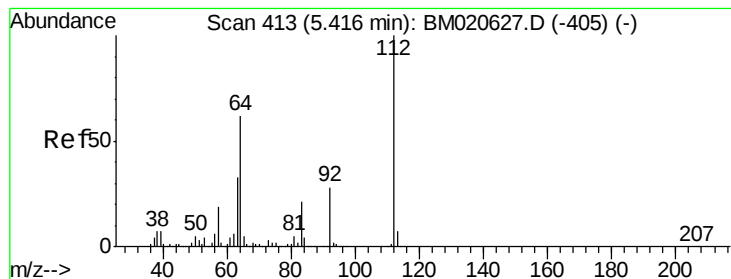
Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	42	Resp:	291095
Ion Ratio	Lower	Upper	
42	100		
74	126.5	99.4	149.0
44	6.9	5.8	8.8





#5

2-Fluorophenol

Concen: 147.645 ng

RT: 5.42 min Scan# 413

Delta R.T. 0.00 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tot Ion:	112	Resp:	2619338
Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.7	74.5
63	32.2	26.4	39.6

Instrument :

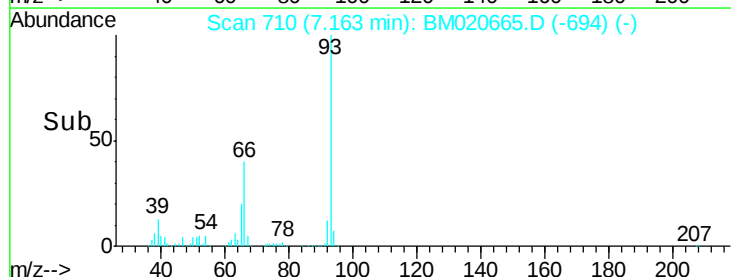
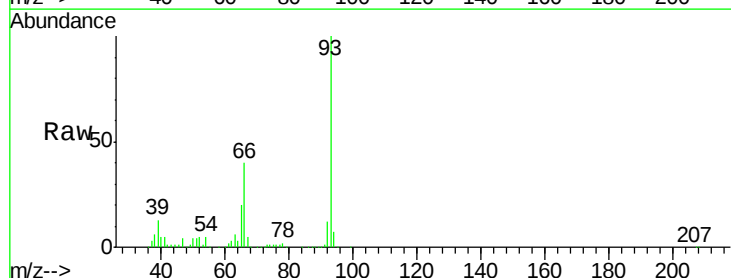
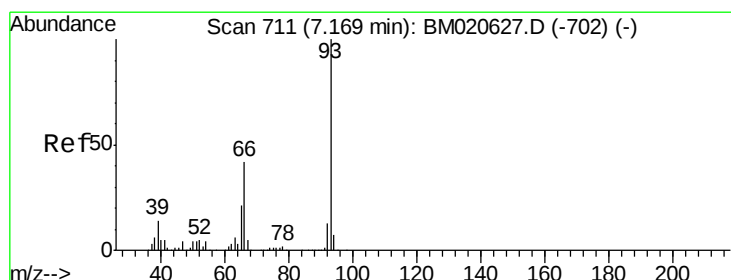
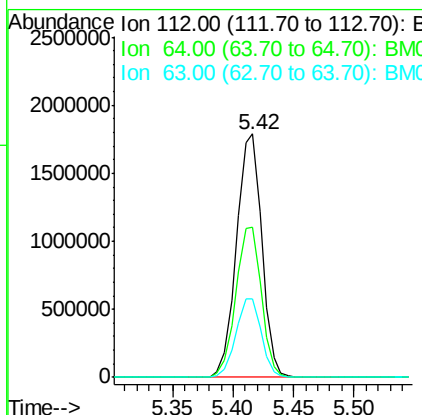
BNA_M

ClientSampleId :

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#6

Aniline

Concen: 19.545 ng

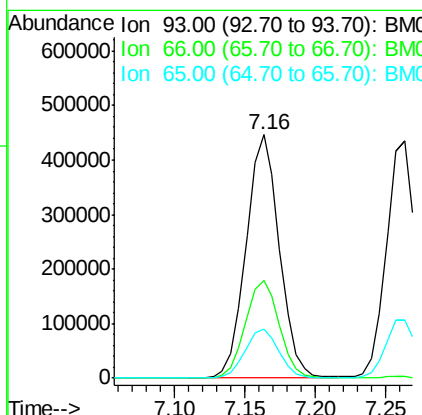
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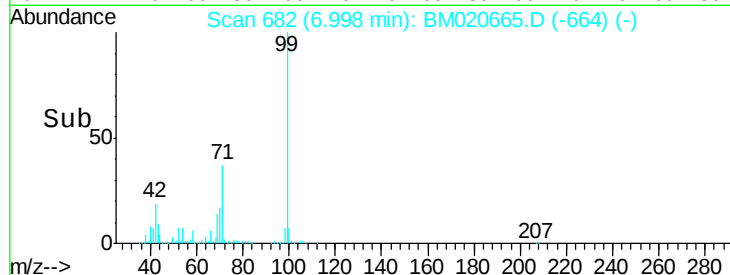
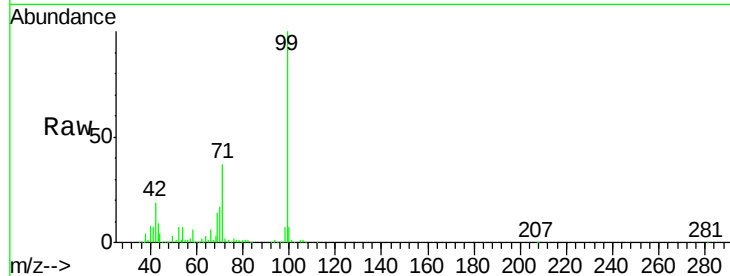
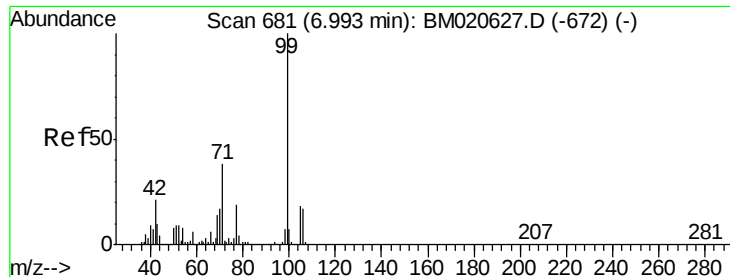
Delta R.T. -0.01 min

Lab File: BM020665.D

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Tgt Ion:	93	Resp:	738767
Ion	Ratio	Lower	Upper
93	100		
66	40.4	33.6	50.4
65	20.4	16.7	25.1





#7

Phenol-d6

Concen: 132.396 ng

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tot Ion:	99	Resp:	3458540
Ion	Ratio	Lower	Upper
99	100		
42	19.3	16.5	24.7
71	37.3	30.7	46.1

Instrument :

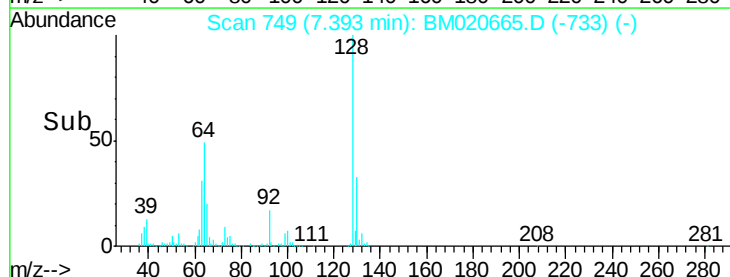
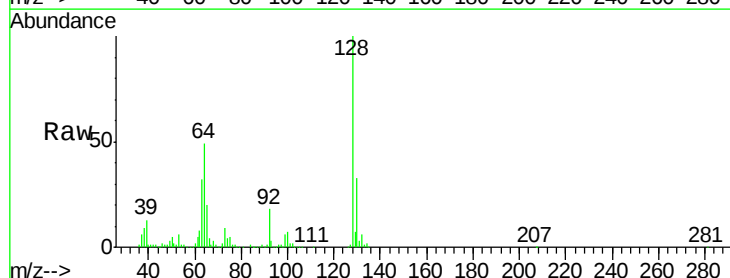
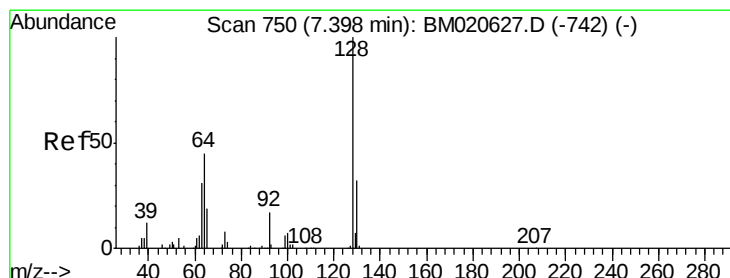
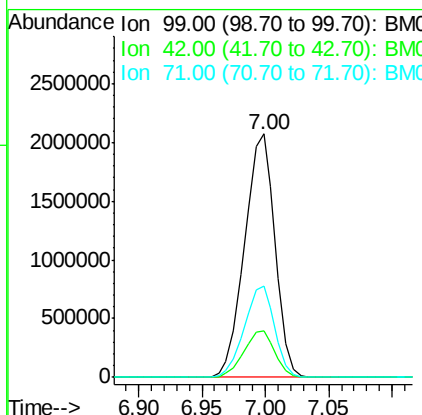
BNA_M

ClientSampled :

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#8

2-Chlorophenol

Concen: 30.980 ng

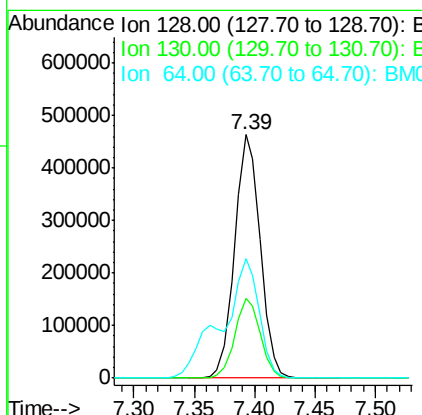
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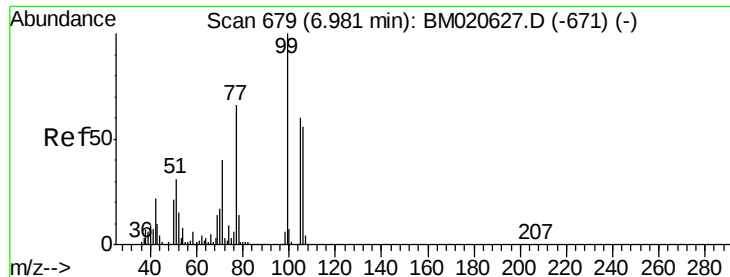
Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	128	Resp:	683733
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.2	52.2
64	49.2	29.1	69.1





#9

Benzaldehyde

Concen: 11.540 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

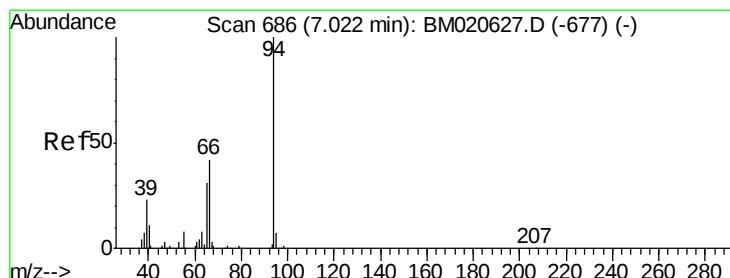
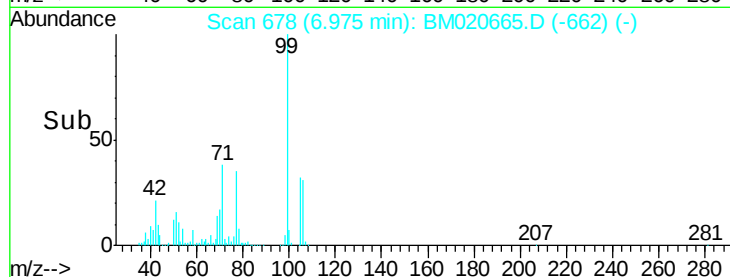
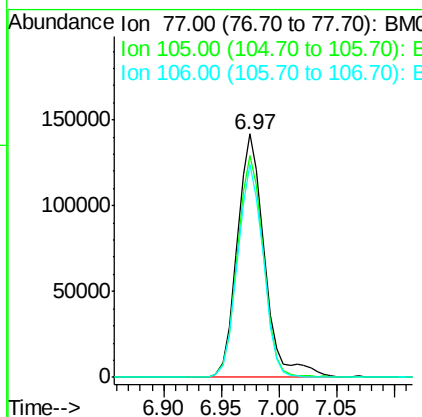
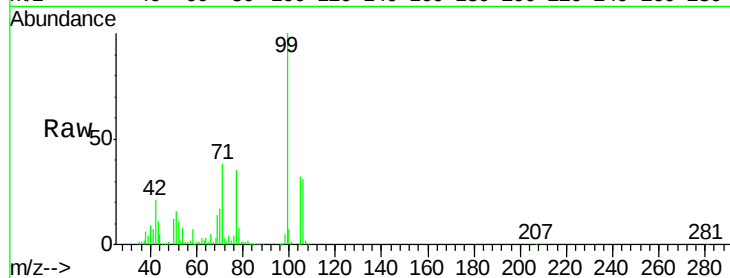
ClientSampleId :

PB120182BS

Tot Ion:	77	Resp:	232786
Ion Ratio	Lower	Upper	
77	100		
105	91.1	70.6	110.6
106	87.2	64.9	104.9

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#10

Phenol

Concen: 29.685 ng

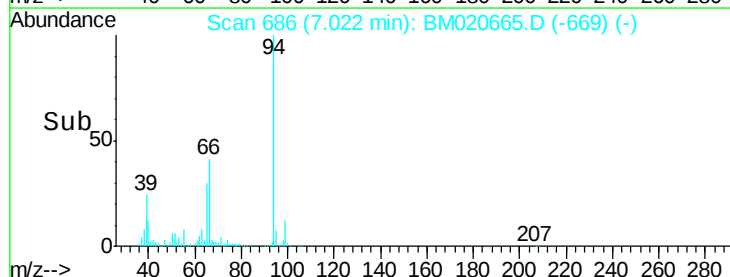
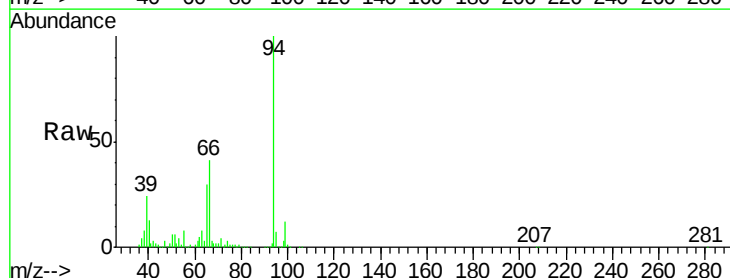
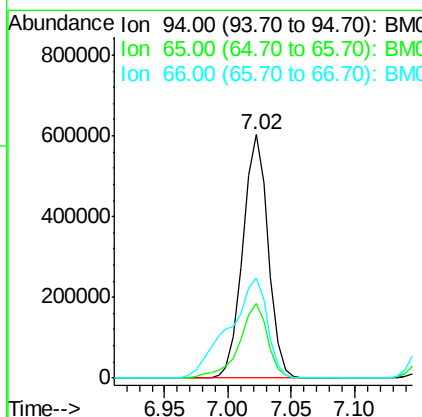
RT: 7.02 min Scan# 686

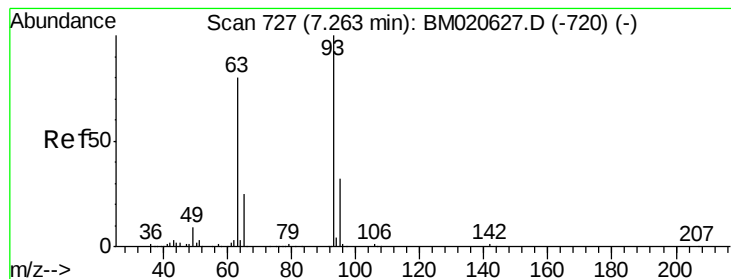
Delta R.T. 0.00 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	94	Resp:	835682
Ion Ratio	Lower	Upper	
94	100		
65	30.5	10.7	50.7
66	41.4	22.3	62.3





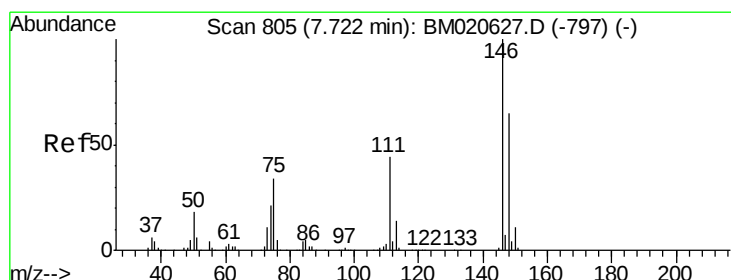
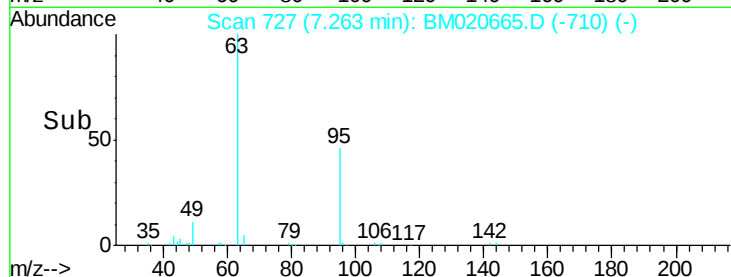
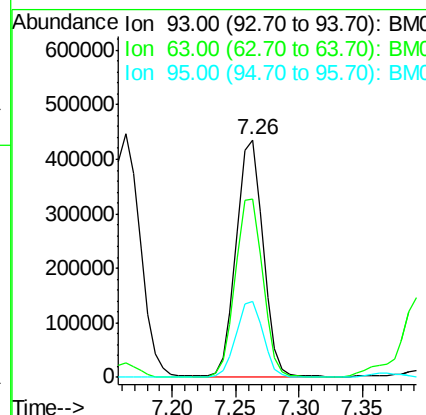
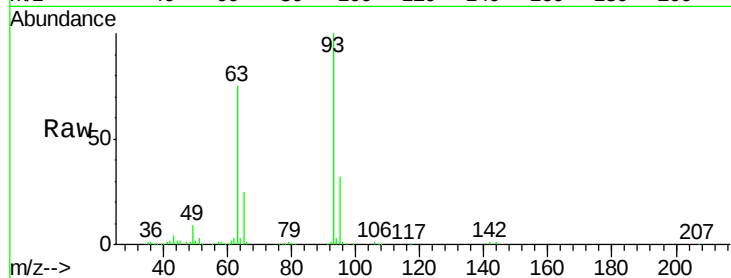
#11
bis(2-Chloroethyl)ether
Concen: 28.309 ng
RT: 7.26 min Scan# 727
Delta R.T. 0.00 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	635121		
63	75.3	60.0	100.0	
95	32.2	12.2	52.2	

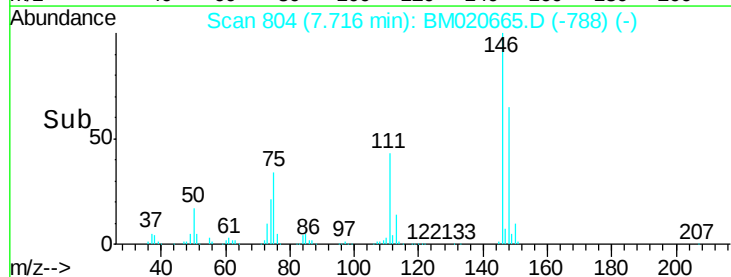
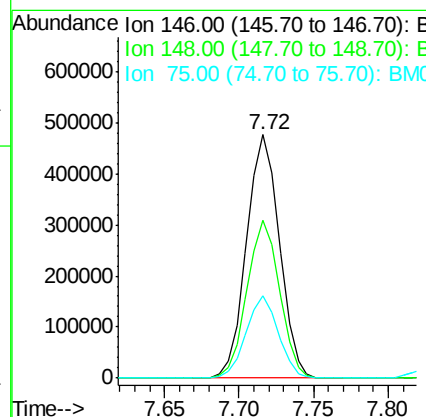
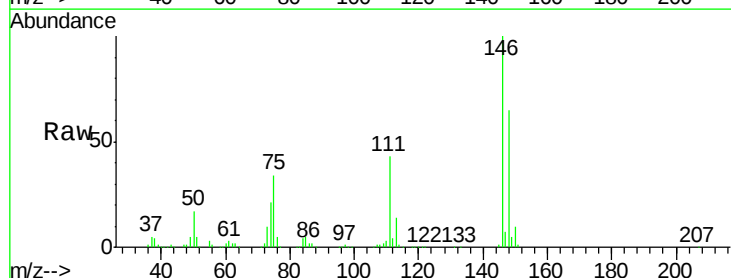
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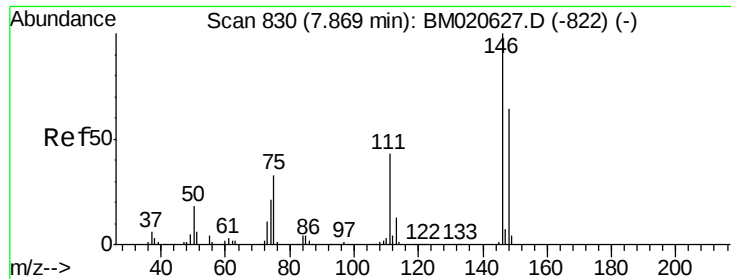
mohammad
6/5/2019 8:45:58 AM



#12
1,3-Dichlorobenzene
Concen: 28.656 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	726861		
148	64.8	52.0	78.0	
75	33.6	27.0	40.4	





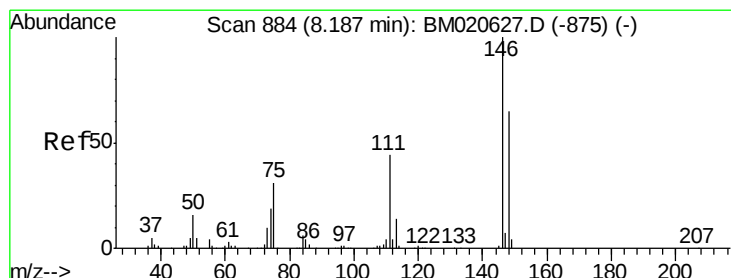
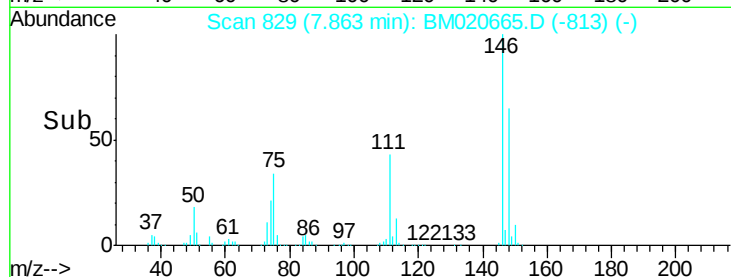
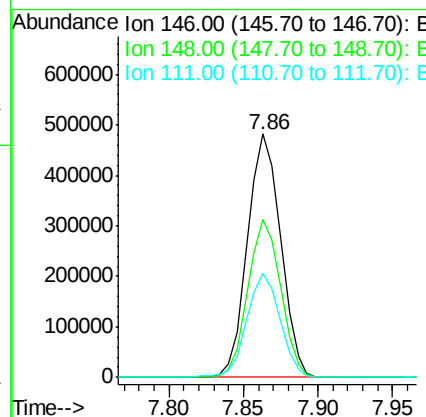
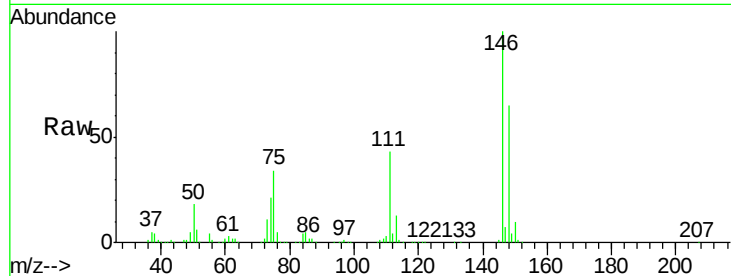
#13
 1,4-Dichlorobenzene
 Concen: 28.771 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.4
111	42.7	34.4	51.6

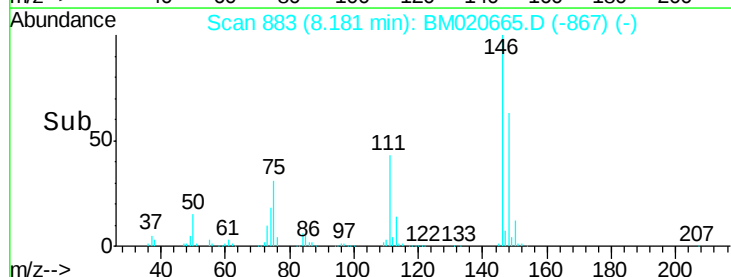
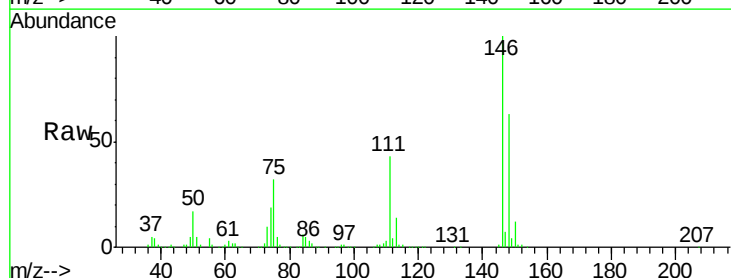
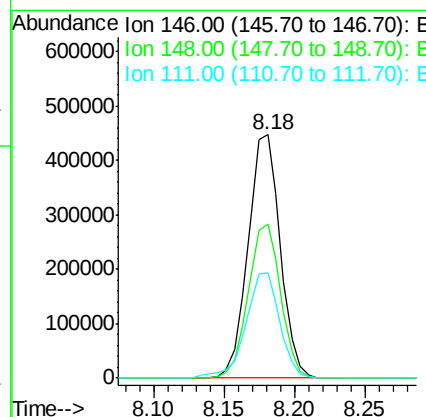
Manual Integrations
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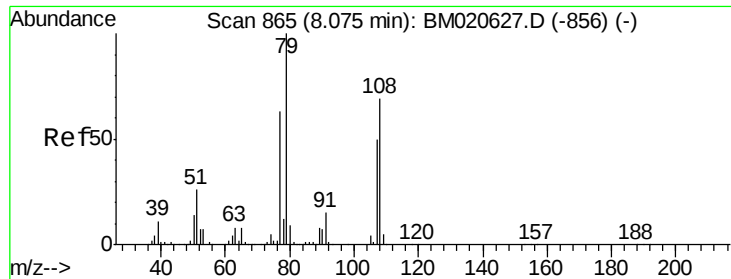
mohammad
 6/5/2019 8:45:58 AM



#14
 1,2-Dichlorobenzene
 Concen: 28.420 ng
 RT: 8.18 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
111	43.3	35.1	52.7





#15

Benzyl Alcohol

Concen: 26.422 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

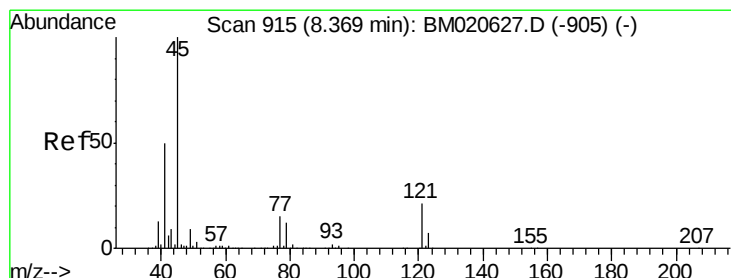
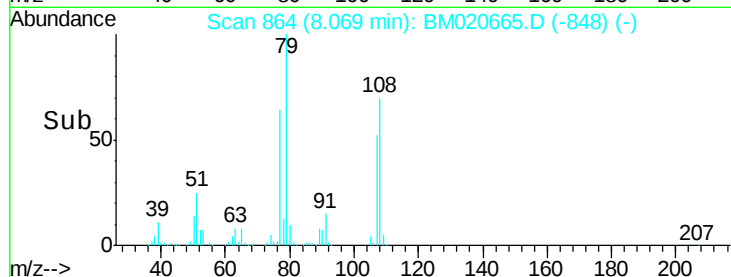
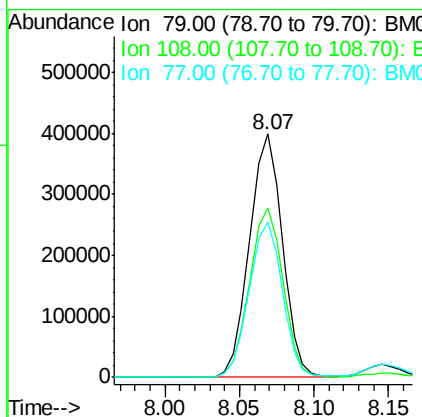
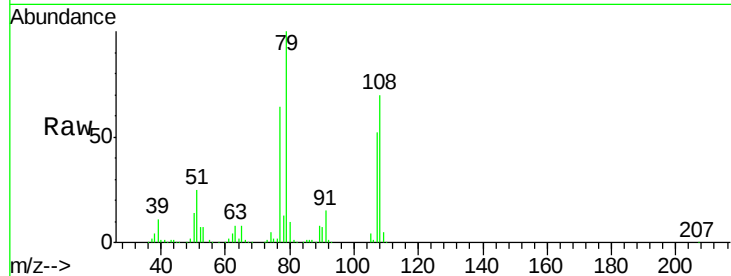
ClientSampleID :

PB120182BS

Tot Ion:	79	Resp:	610608
Ion	Ratio	Lower	Upper
79	100		
108	69.6	54.9	82.3
77	63.7	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 25.690 ng

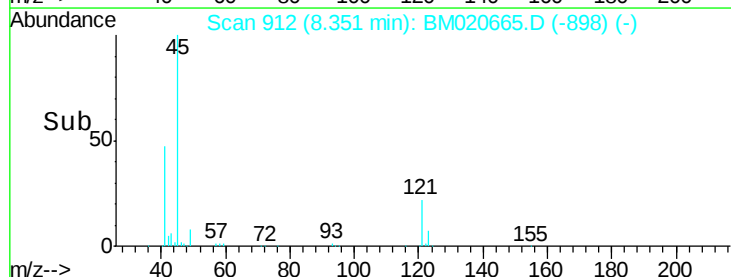
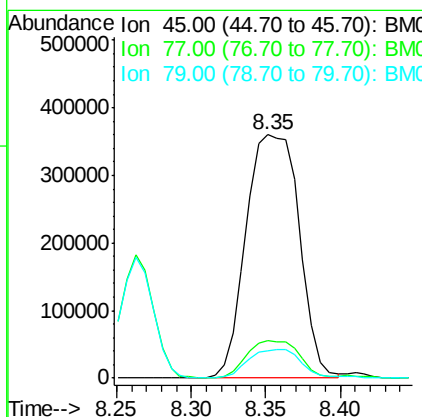
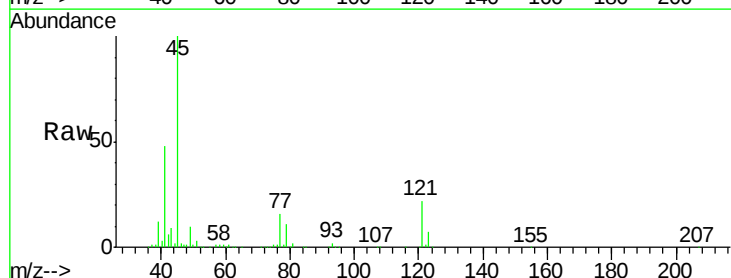
RT: 8.35 min Scan# 912

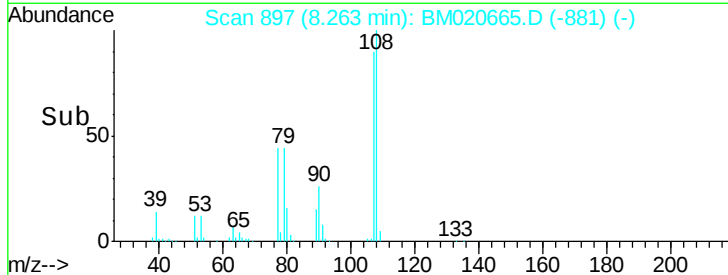
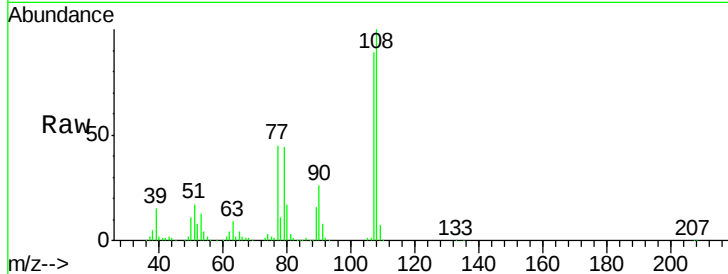
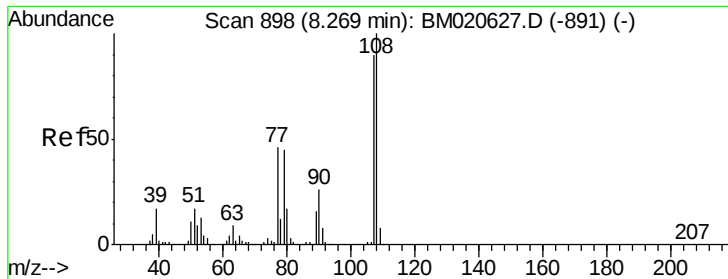
Delta R.T. -0.02 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	45	Resp:	889832
Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	34.9
79	11.2	0.0	31.8





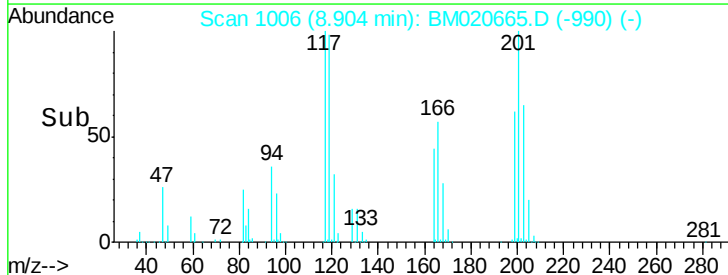
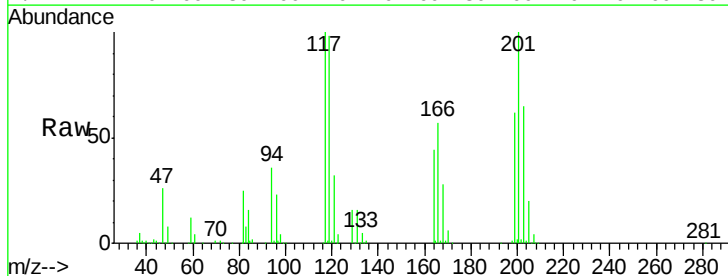
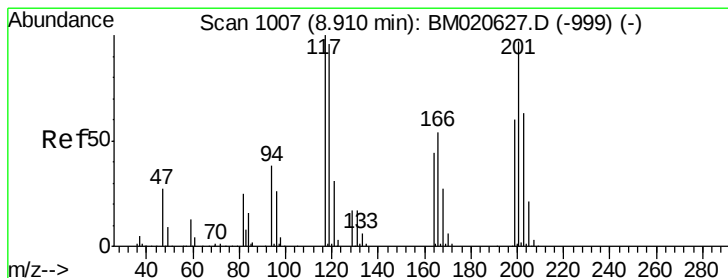
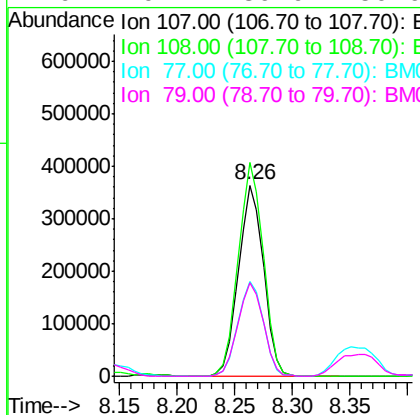
#17
2-Methylphenol
Concen: 27.722 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tot Ion	Ratio	Resp	Lower	Upper
107	100	548779		
108	111.9	88.6	133.0	
77	50.0	40.6	61.0	
79	49.1	39.9	59.9	

Instrument :
BNA_M
ClientSampleId :
PB120182BS

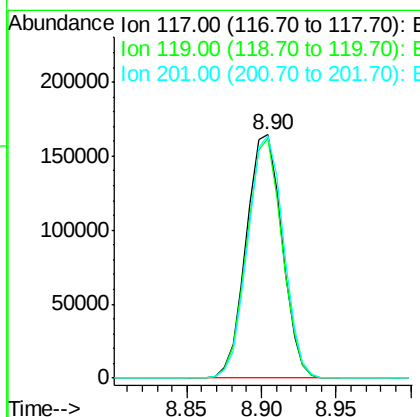
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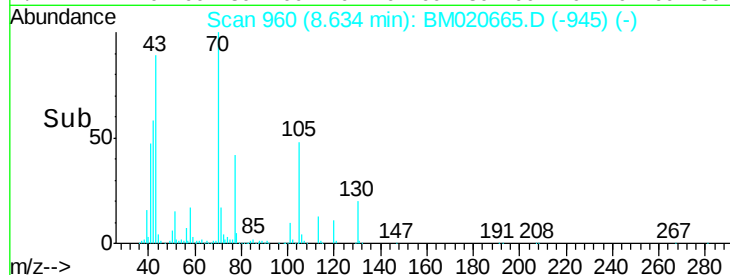
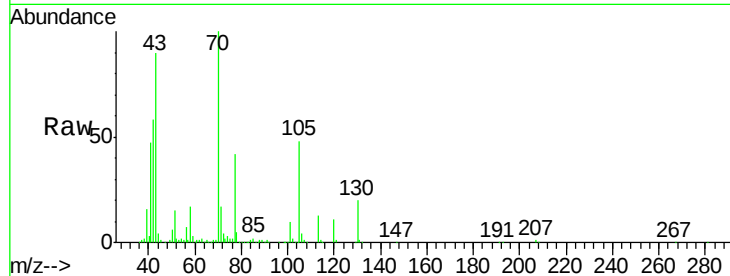
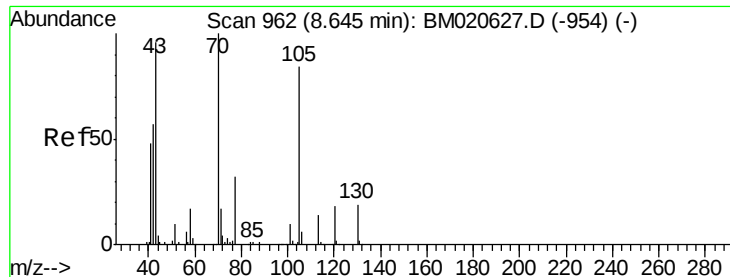
mohammad
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#18
Hexachloroethane
Concen: 27.629 ng
RT: 8.90 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	272767		
119	98.3	76.7	115.1	
201	99.7	77.9	116.9	





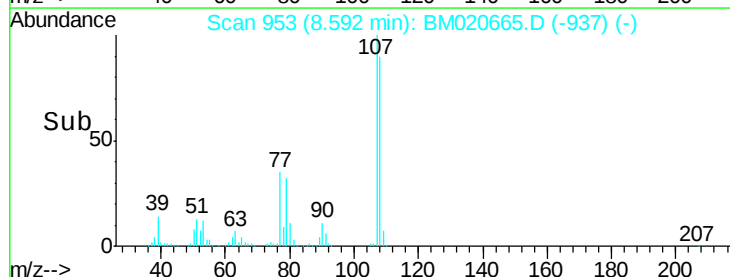
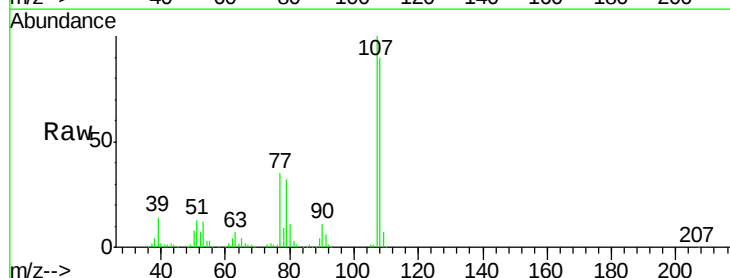
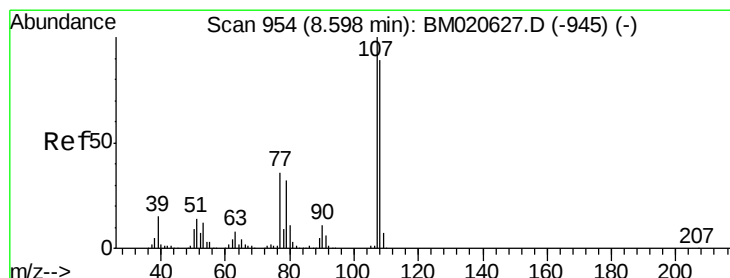
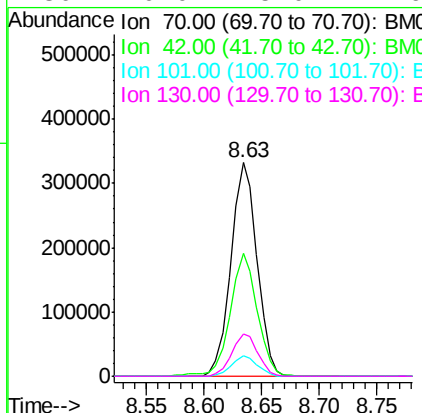
#19
n-Nitroso-di-n-propylamine
Concen: 24.674 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Manual Integrations
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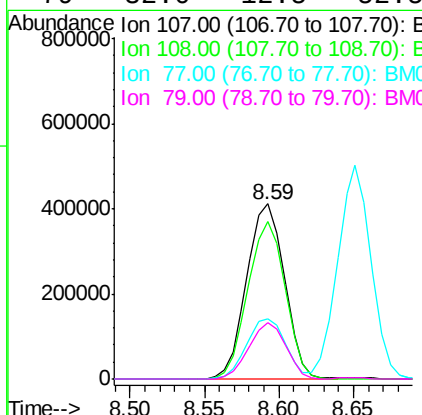
mohammad
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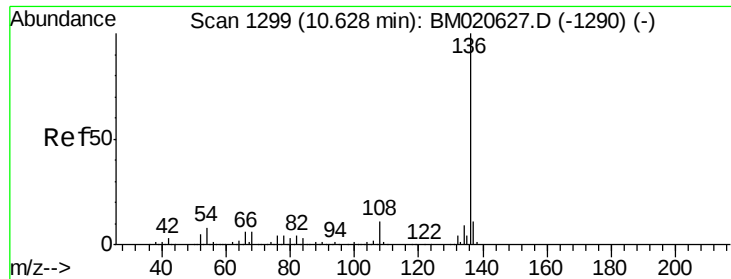
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	46.8	70.2	
101	9.5	7.8	11.6	
130	20.0	15.0	22.6	



#20
3+4-Methylphenols
Concen: 26.946 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.8	69.2	109.2	
77	34.7	16.2	56.2	
79	32.0	12.5	52.5	





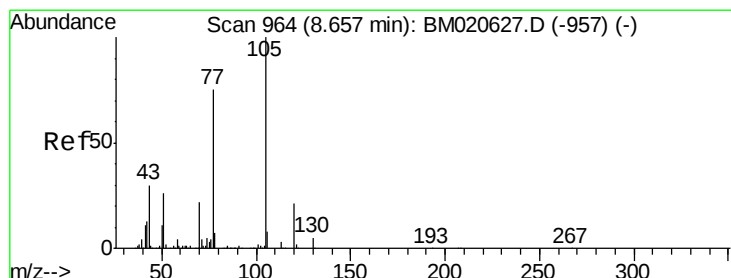
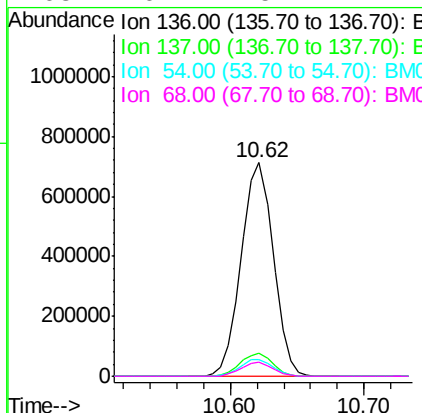
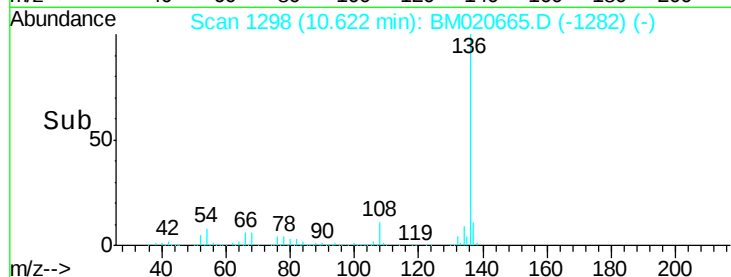
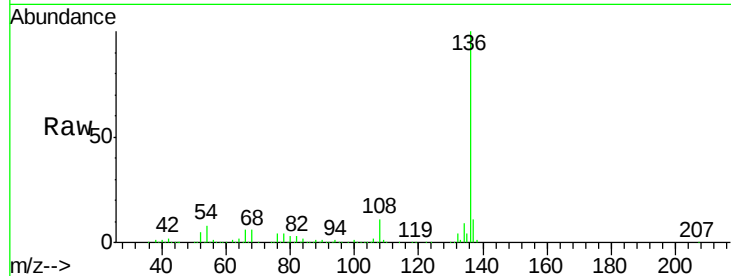
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	136	Resp	1186679
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.8	6.6	10.0
68	6.4	5.1	7.7

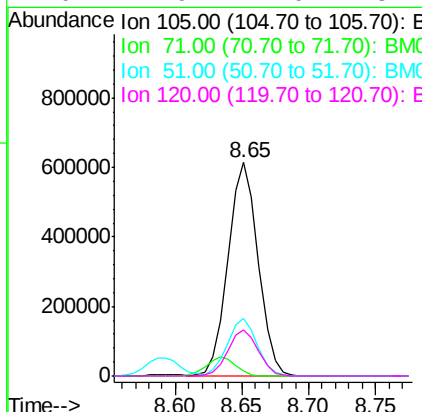
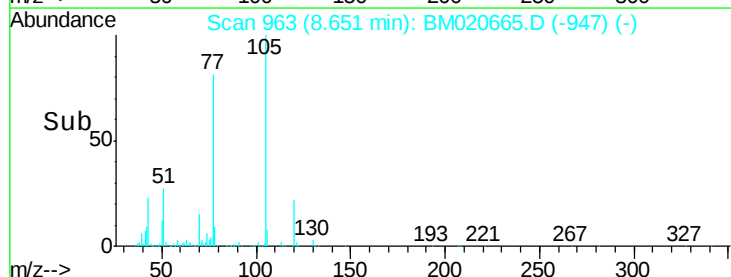
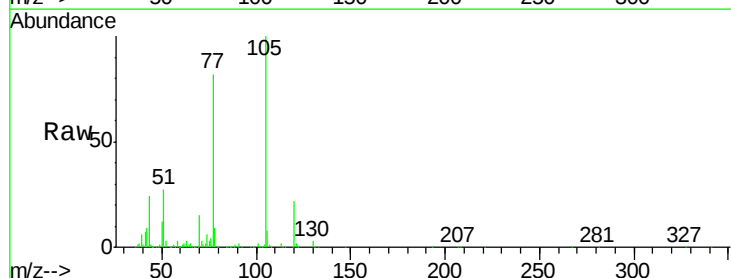
Manual Integrations
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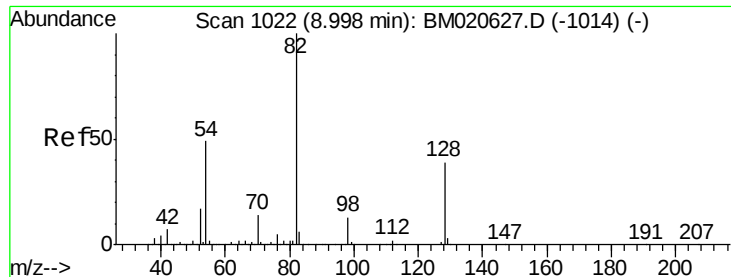
mohammad
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#22
Acetophenone
Concen: 32.042 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	105	Resp	965939
Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.2	4.8#
51	26.8	22.8	34.2
120	21.9	17.0	25.4





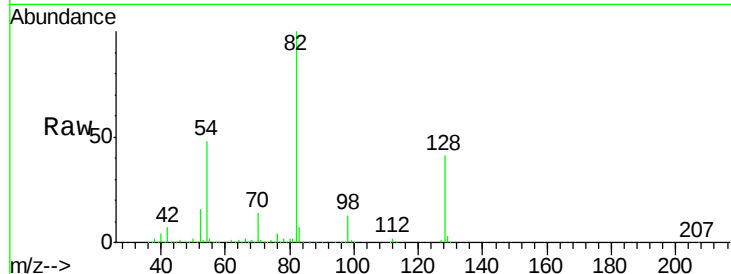
#23
 Nitrobenzene-d5
 Concen: 77.763 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleID :
 PB120182BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.5	47.3
54	48.0	39.4	59.0

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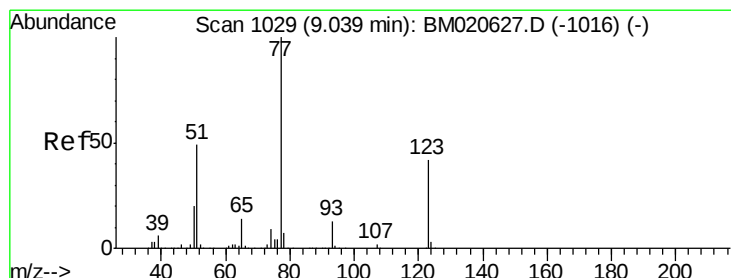
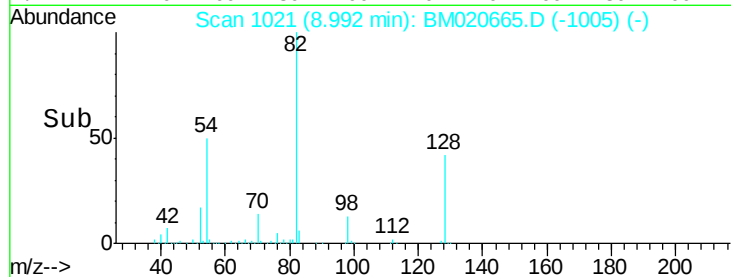
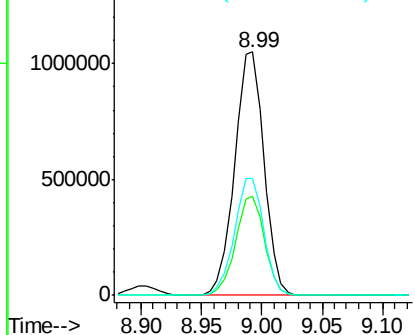
mohammad
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Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1014) (-)

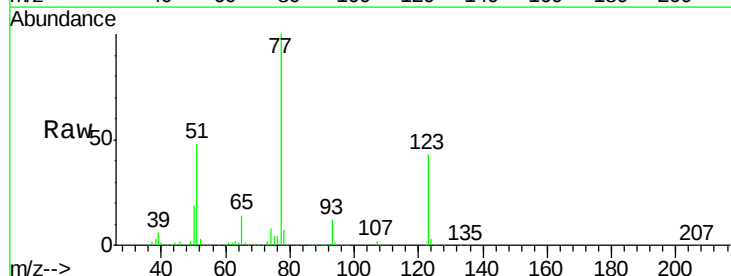
Ion 128.00 (127.70 to 128.70): BM020627.D (-1014) (-)

Ion 54.00 (53.70 to 54.70): BM020627.D (-1014) (-)



#24
 Nitrobenzene
 Concen: 32.635 ng
 RT: 9.03 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

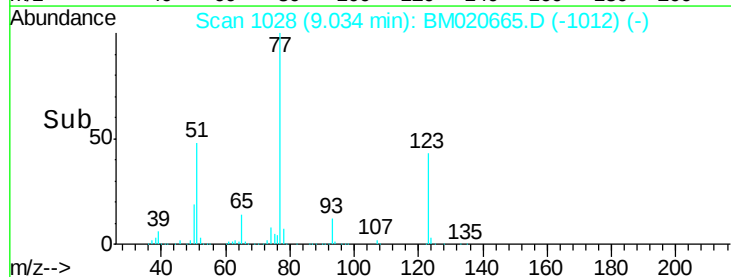
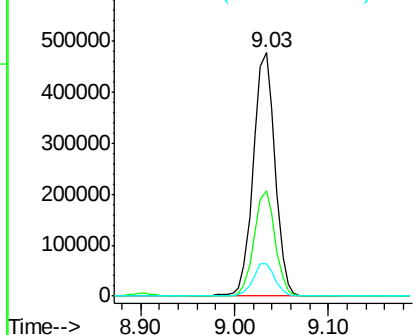
Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.3	33.7	50.5
65	13.5	11.0	16.6

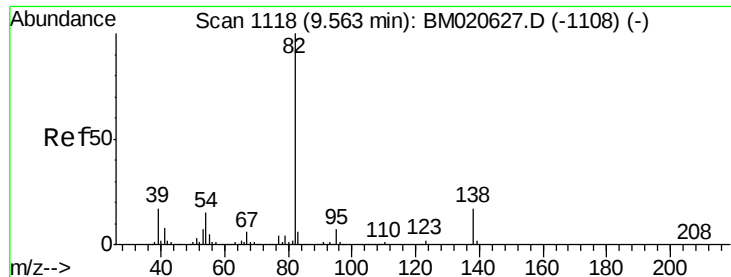


Abundance Ion 77.00 (76.70 to 77.70): BM020627.D (-1016) (-)

Ion 123.00 (122.70 to 123.70): BM020627.D (-1016) (-)

Ion 65.00 (64.70 to 65.70): BM020627.D (-1016) (-)





#25

Isophorone

Concen: 29.176 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

ClientSampleId :

PB120182BS

Tot Ion: 82 Resp: 1329257

Ion Ratio Lower Upper

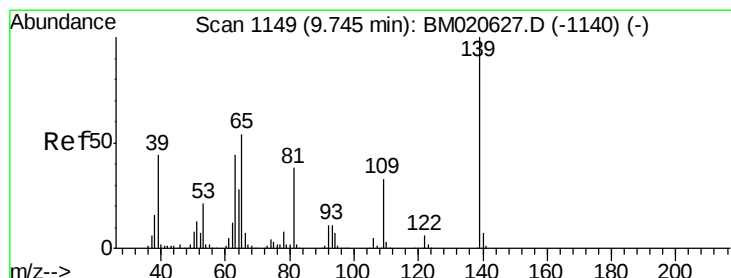
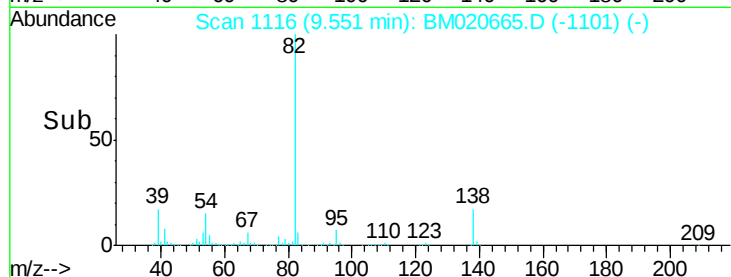
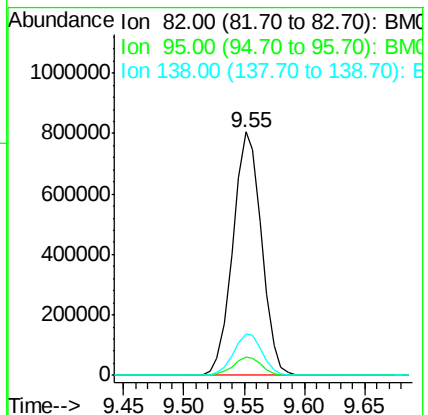
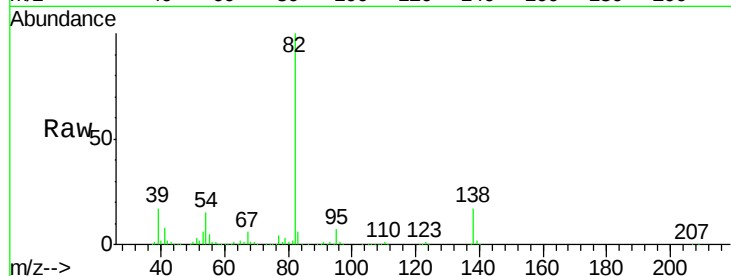
82 100

95 7.4 5.8 8.8

138 17.2 13.8 20.8

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#26

2-Nitrophenol

Concen: 34.476 ng

RT: 9.74 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

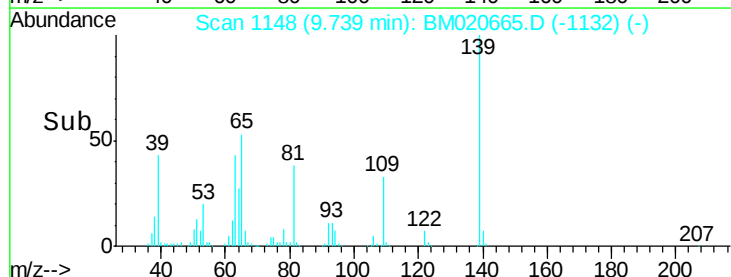
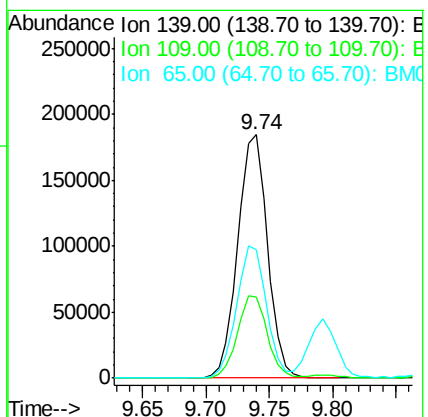
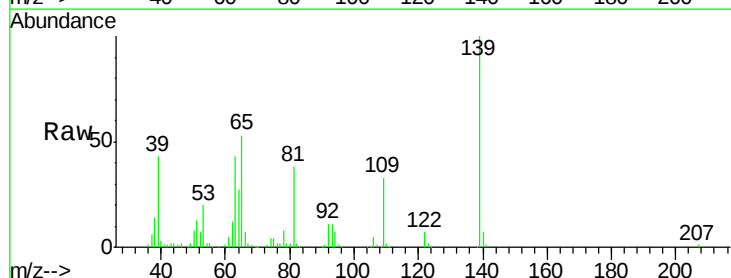
Tgt Ion: 139 Resp: 300432

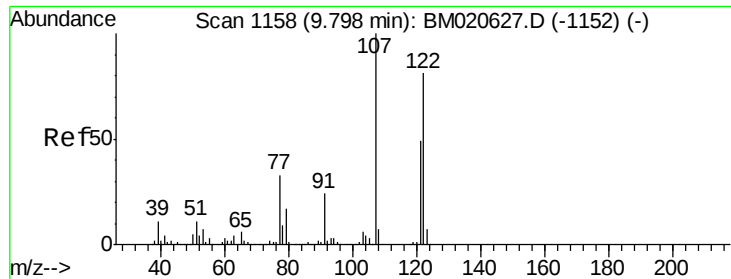
Ion Ratio Lower Upper

139 100

109 33.1 26.1 39.1

65 52.8 43.4 65.0





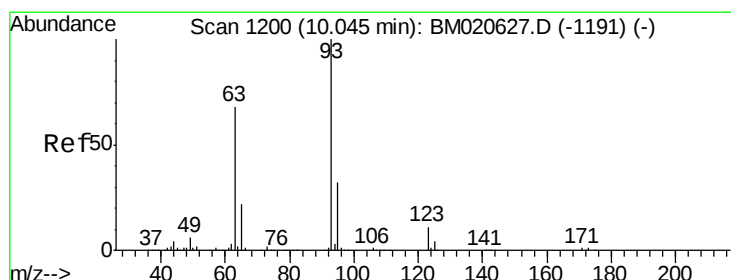
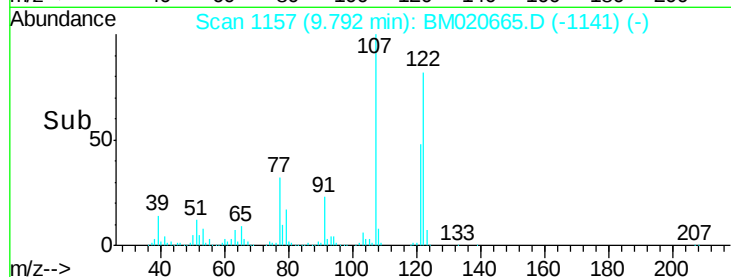
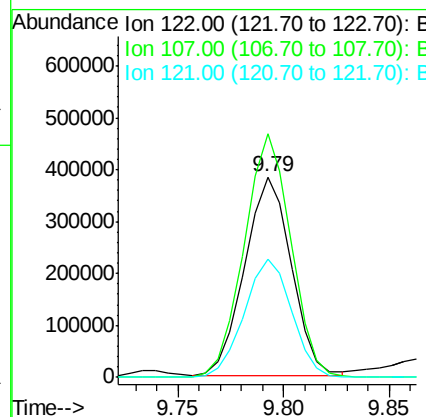
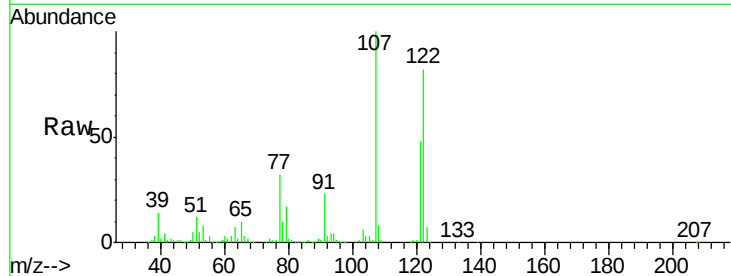
#27
 2,4-Dimethylphenol
 Concen: 36.217 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	98.0	147.0
121	58.7	48.2	72.4

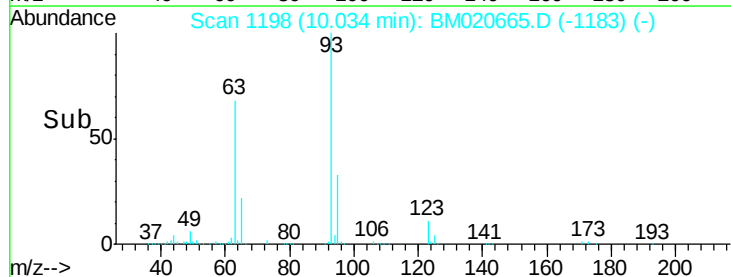
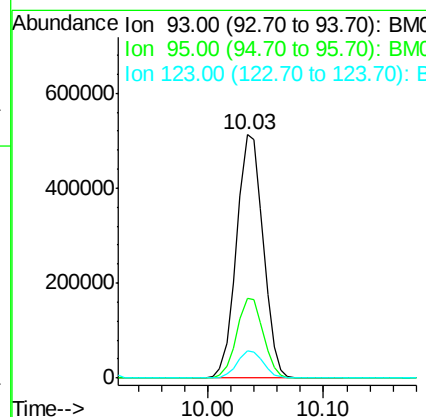
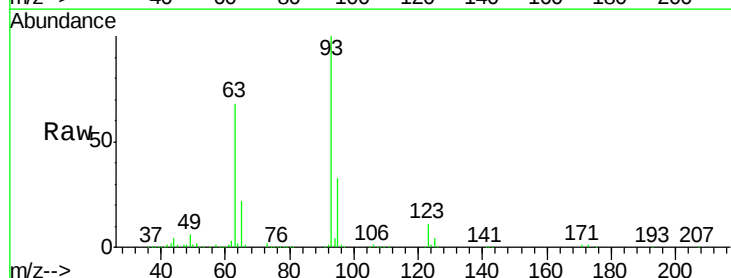
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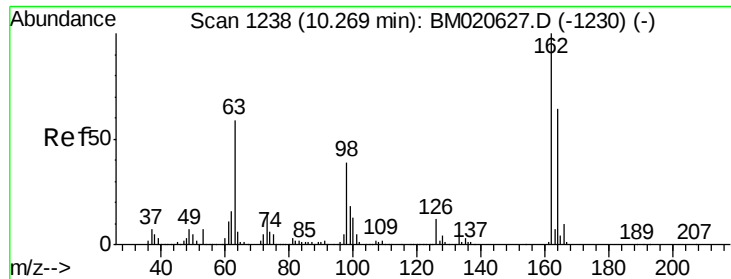
mohammad
 6/5/2019 8:45:58 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.836 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.6
123	11.3	9.0	13.6





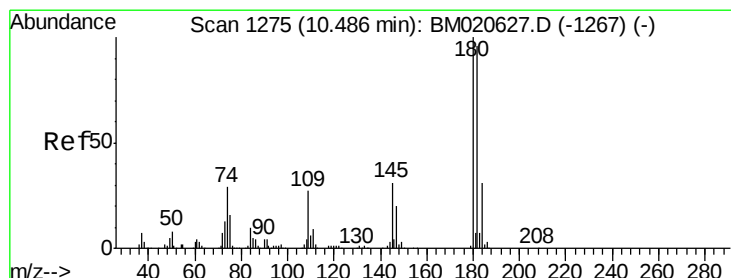
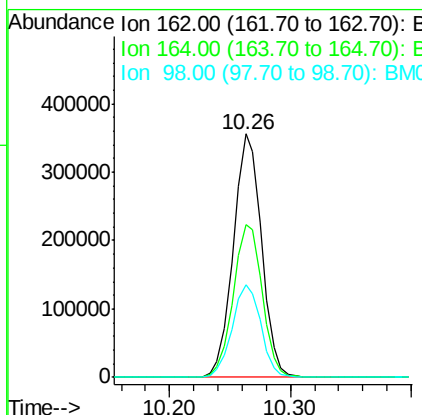
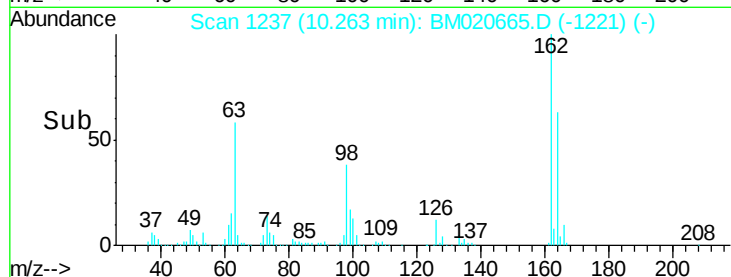
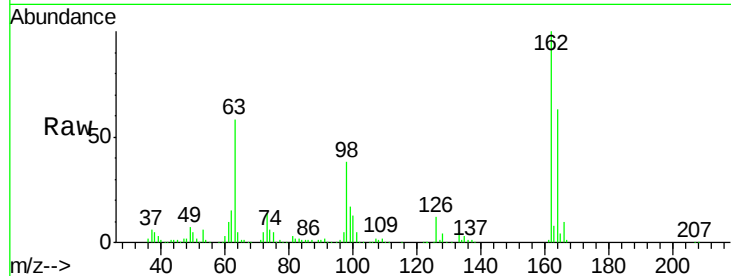
#29
2,4-Dichlorophenol
Concen: 32.151 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	580842		
164	62.8	43.8	83.8	
98	38.3	19.1	59.1	

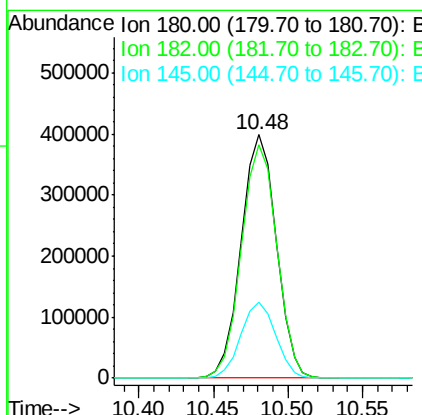
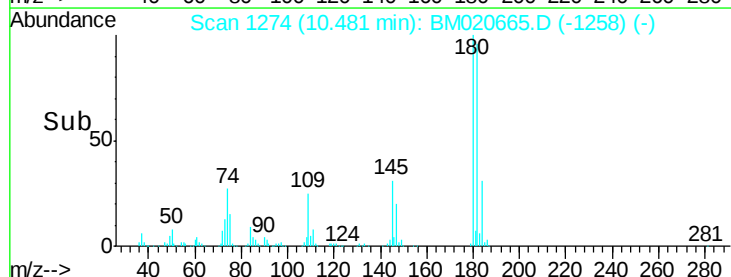
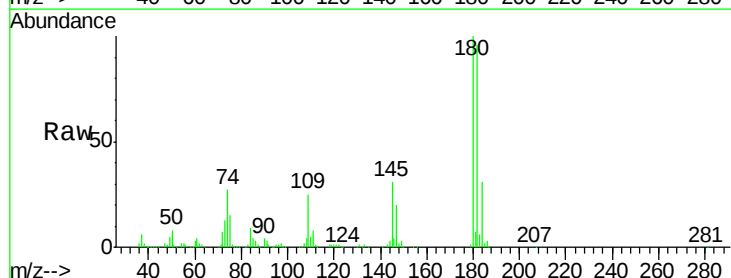
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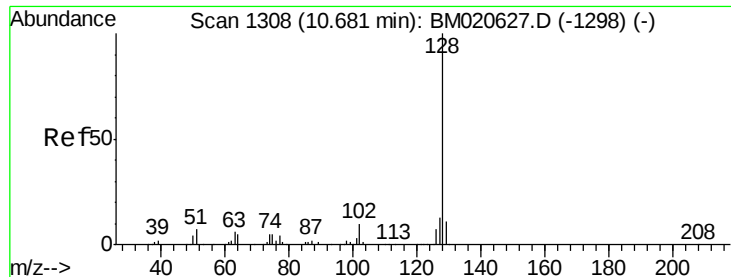
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 31.305 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	650311		
182	96.0	77.0	115.6	
145	31.3	25.0	37.4	





#31

Naphthalene

Concen: 32.132 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

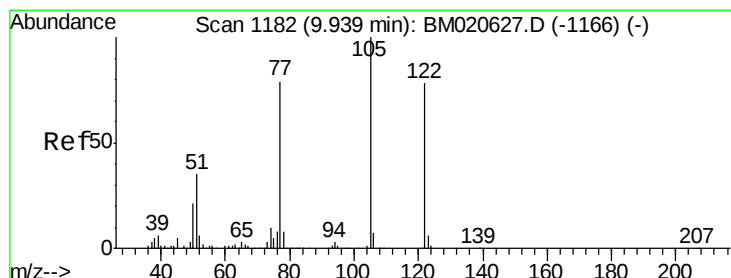
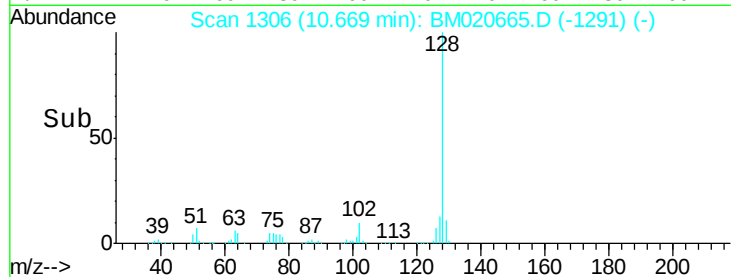
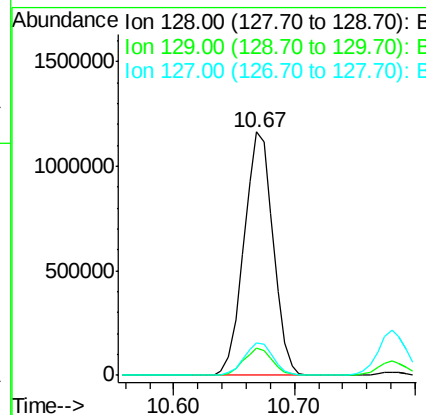
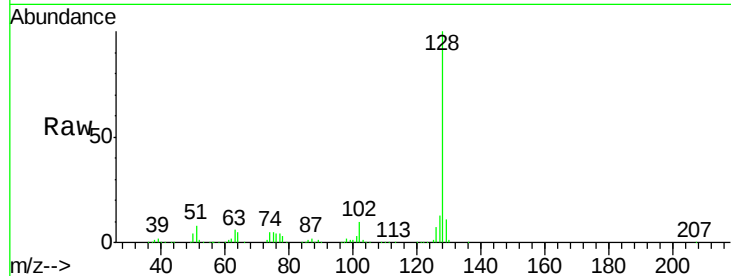
ClientSampleId :

PB120182BS

Tot Ion:	128	Resp:	1960821
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.3	15.5

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#32

Benzoic acid

Concen: 29.708 ng

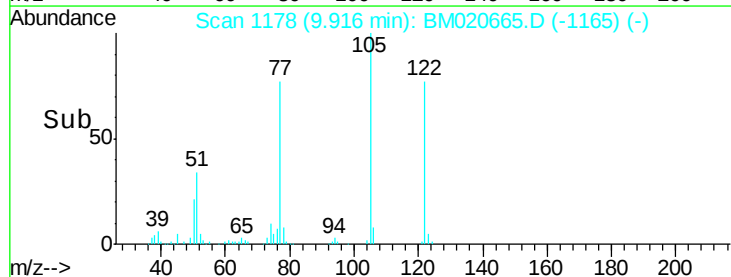
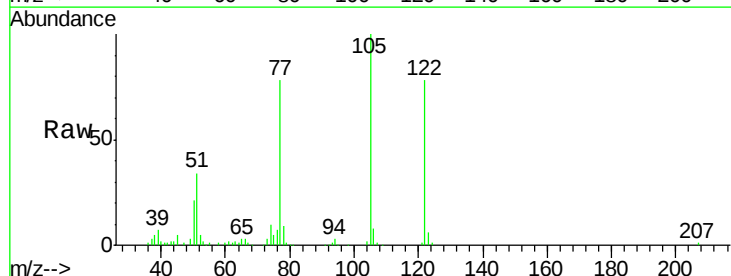
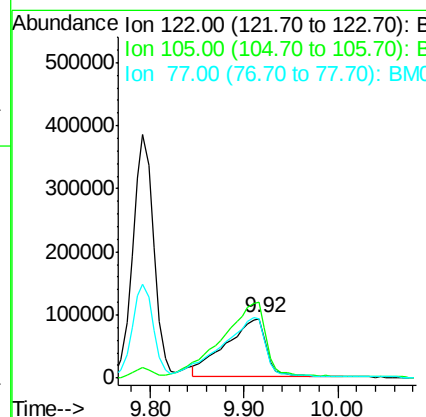
RT: 9.92 min Scan# 1178

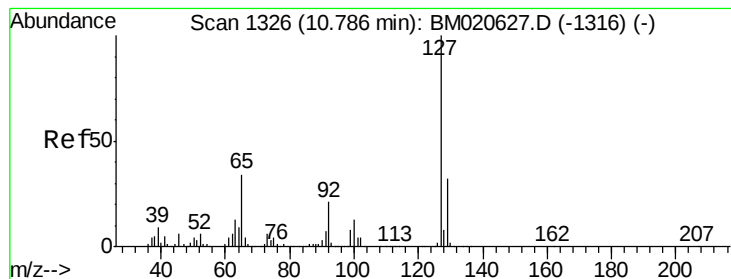
Delta R.T. -0.02 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	122	Resp:	282812
Ion	Ratio	Lower	Upper
122	100		
105	128.0	107.0	147.0
77	99.9	80.9	120.9





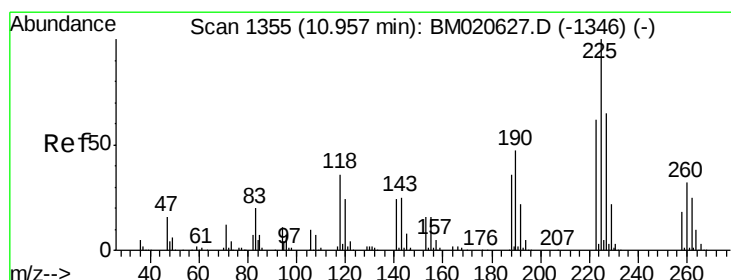
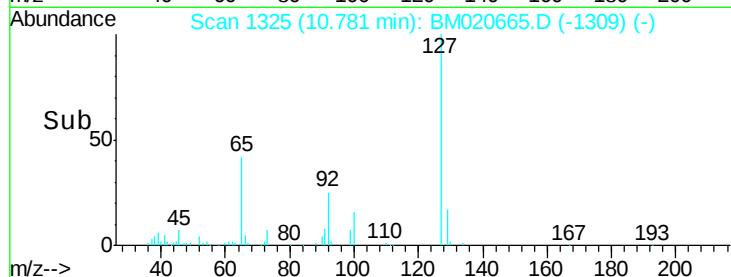
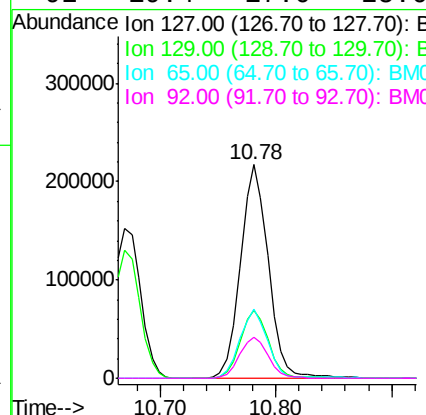
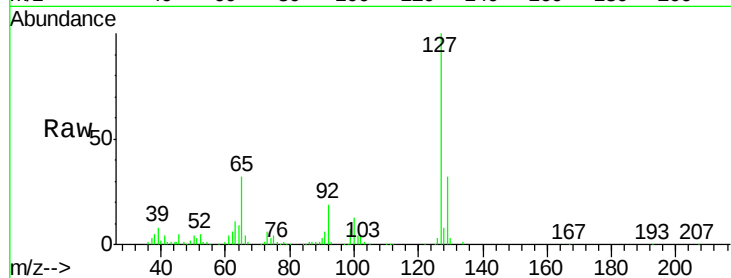
#33
4-Chloroaniline
Concen: 12.781 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.7	38.5		
65	32.2	27.4	41.0		
92	19.4	17.0	25.6		

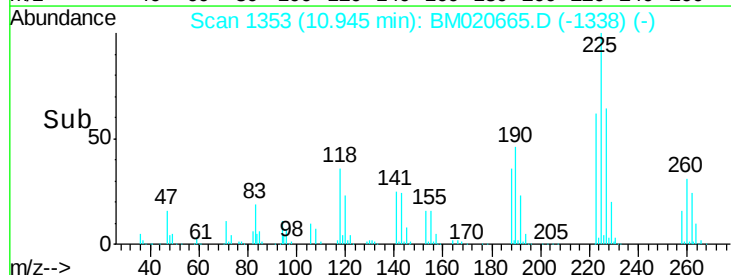
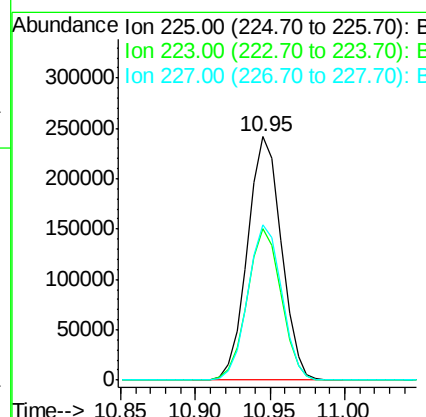
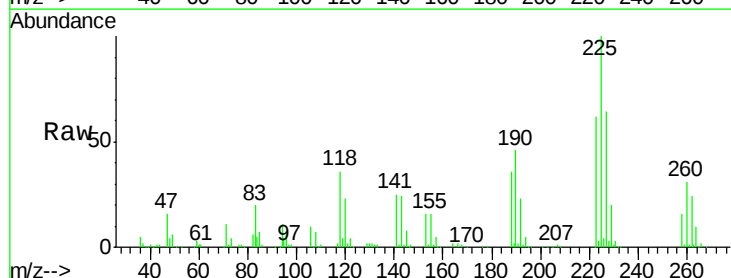
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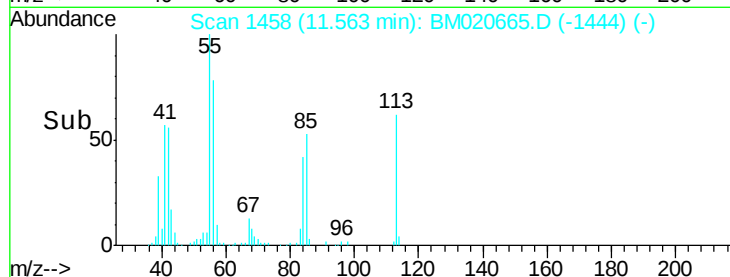
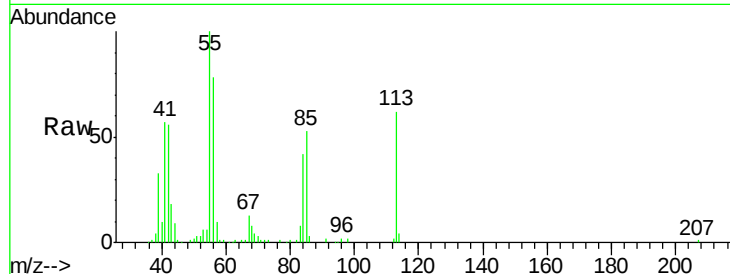
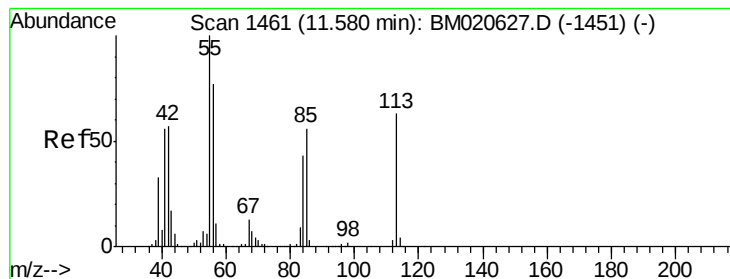
mohammad
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#34
Hexachlorobutadiene
Concen: 30.325 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	49.7	74.5		
227	63.9	51.8	77.8		





#35

Caprolactam

Concen: 25.967 ng/mL

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

ClientSampleID :

PB120182BS

Tot Ion:113 Resp: 162974

Ion Ratio Lower Upper

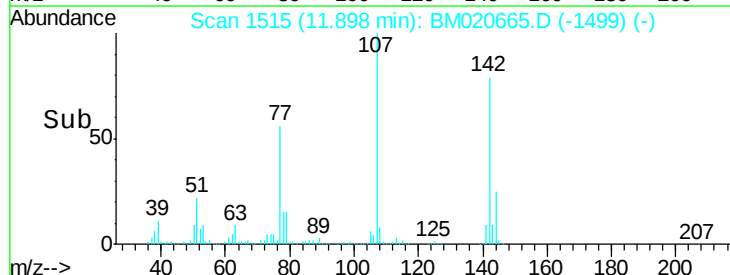
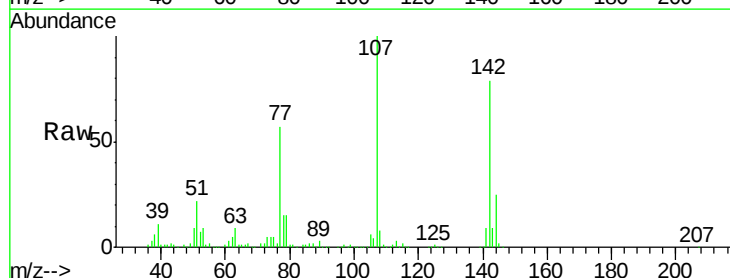
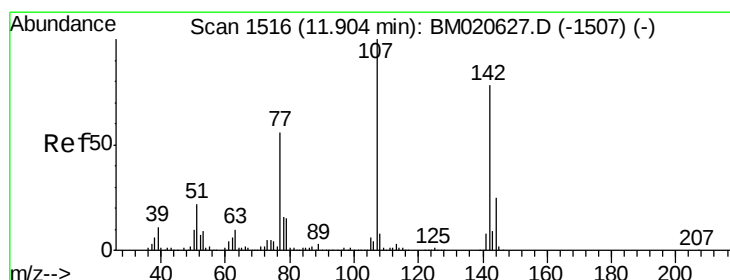
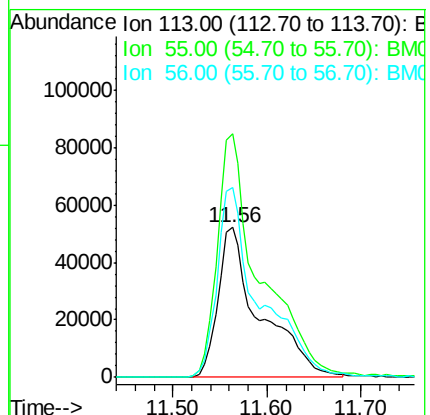
113 100

55 162.2 138.6 178.6

56 126.2 102.3 142.3

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#36

4-Chloro-3-methylphenol

Concen: 28.563 ng/mL

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

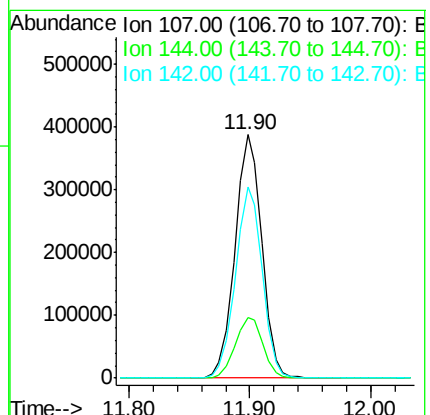
Tgt Ion:107 Resp: 599946

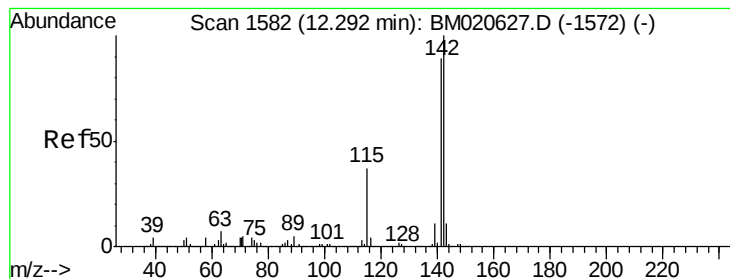
Ion Ratio Lower Upper

107 100

144 24.7 20.3 30.5

142 78.7 62.6 93.8





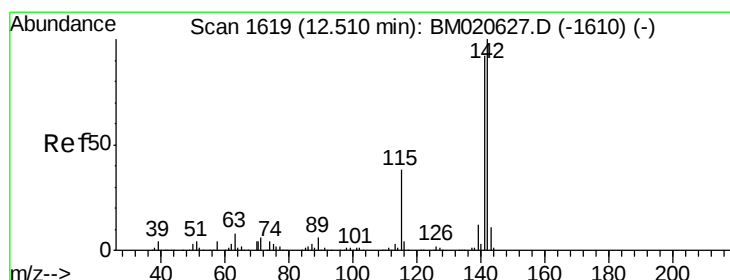
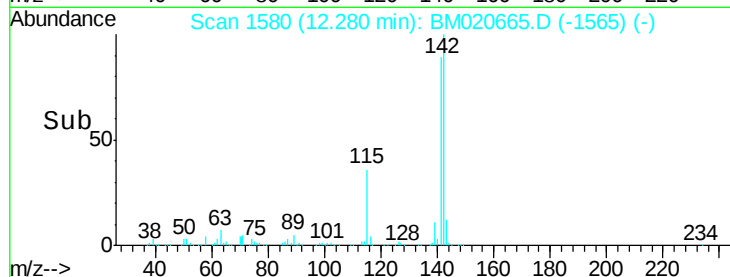
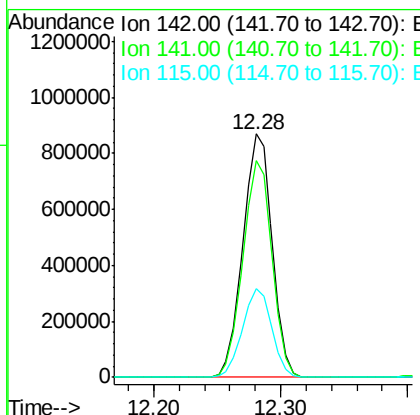
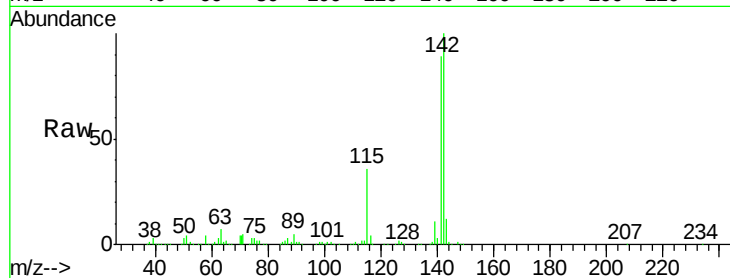
#37
 2-Methylnaphthalene
 Concen: 30.726 ng
 RT: 12.28 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleID :
 PB120182BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.6	107.4
115	36.4	29.6	44.4

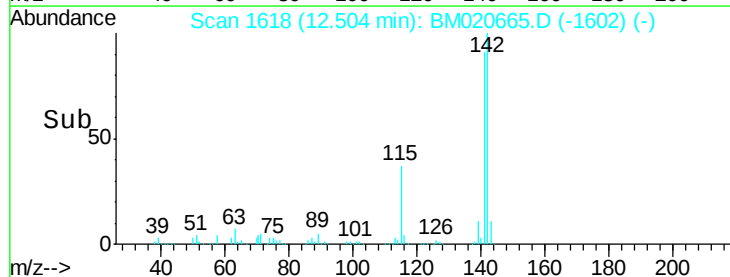
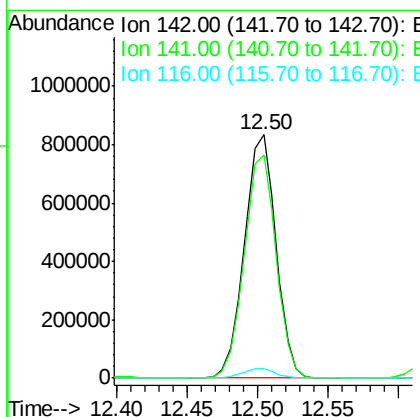
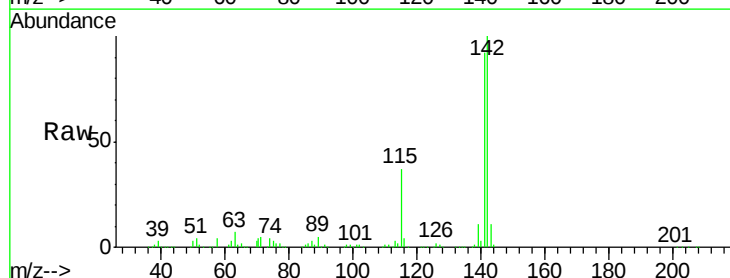
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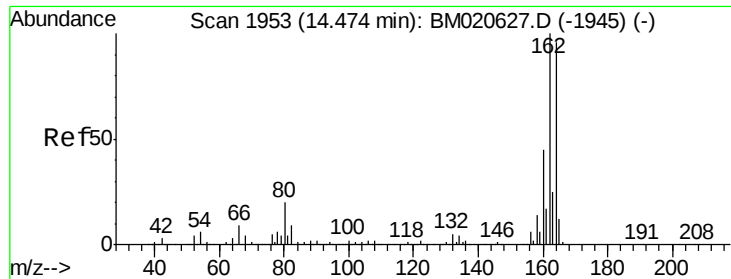
mohammad
 6/5/2019 8:45:58 AM



#38
 1-Methylnaphthalene
 Concen: 30.386 ng
 RT: 12.50 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	4.0	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

ClientSampleId :

PB120182BS

Tot Ion:164 Resp: 577806

Ion Ratio Lower Upper

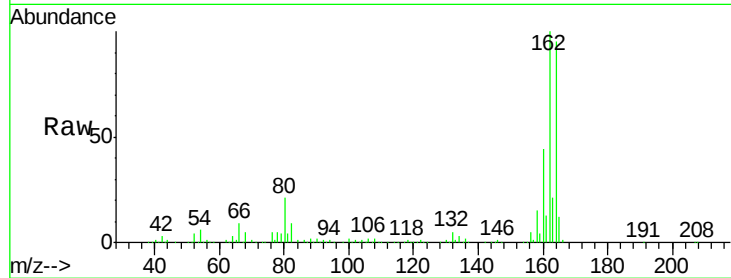
164 100

162 105.1 83.2 124.8

160 46.1 37.5 56.3

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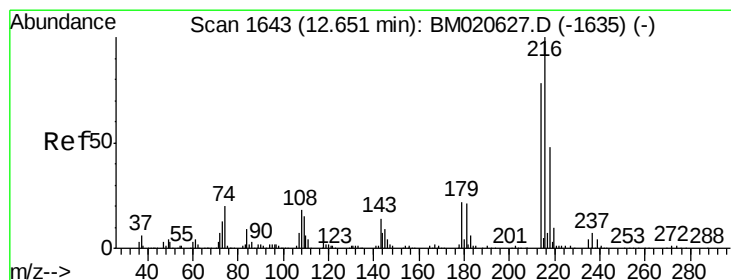
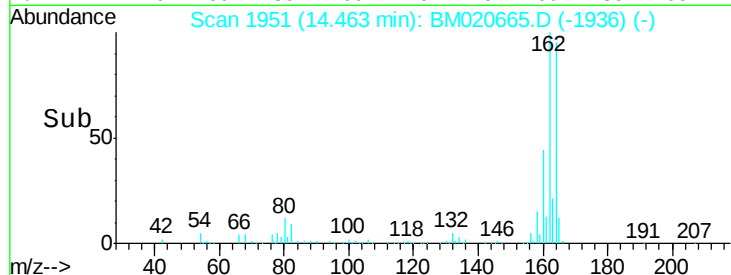
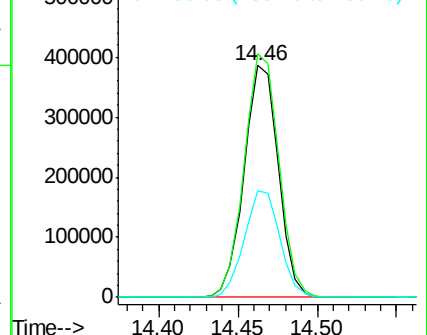
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.702 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:216 Resp: 676035

Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 22.0 17.9 26.9

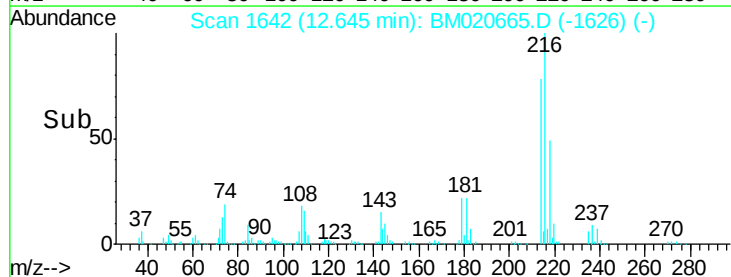
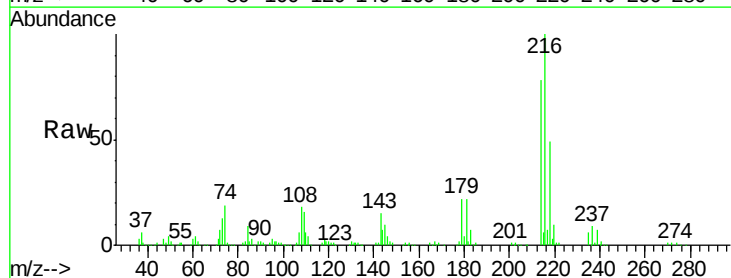
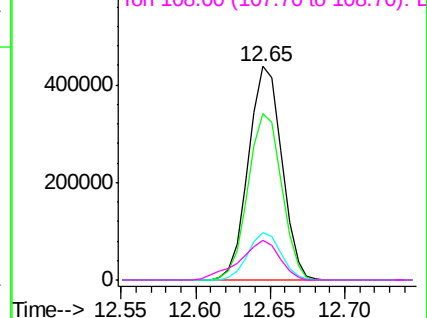
108 22.3 16.2 24.2

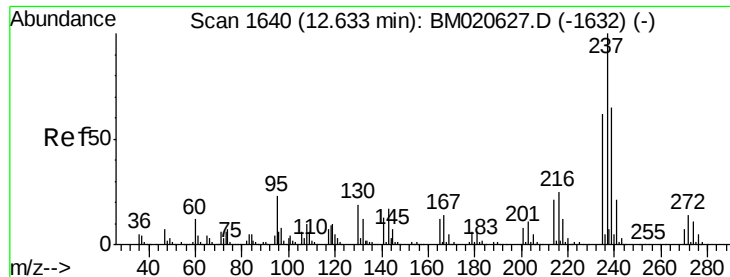
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 72.005 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

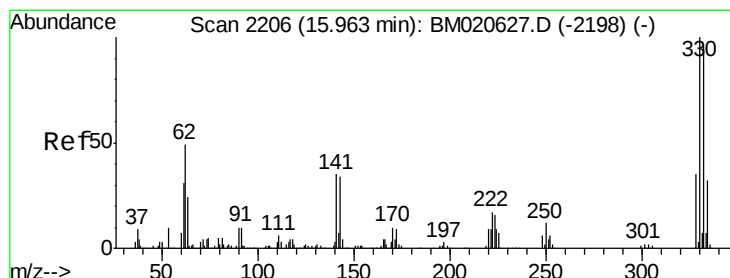
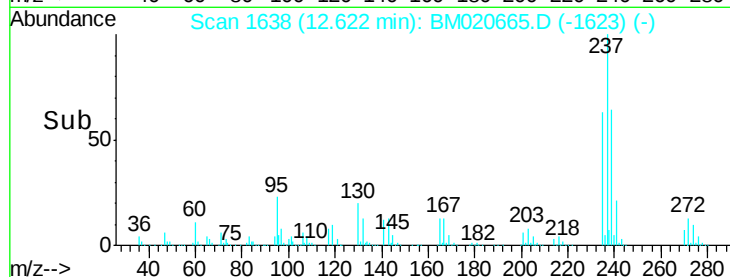
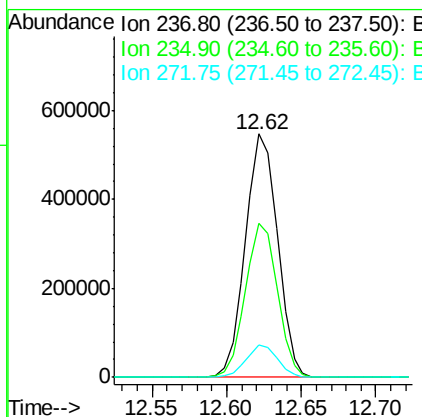
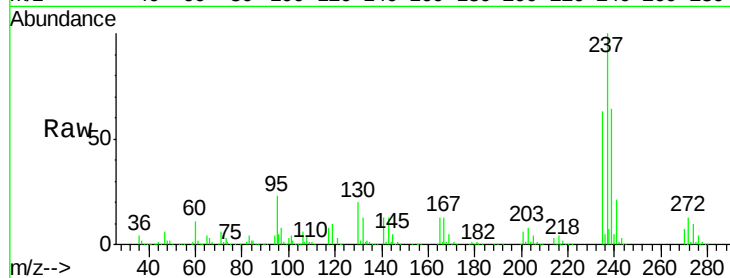
ClientSampleId :

PB120182BS

Tot Ion:	237	Resp:	815430
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.1	82.1
272	13.3	0.0	33.5

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#42

2,4,6-Tribromophenol

Concen: 138.874 ng

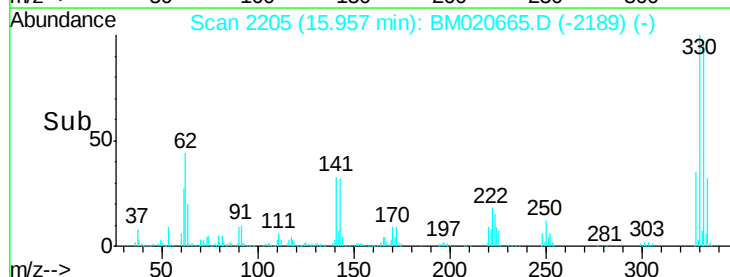
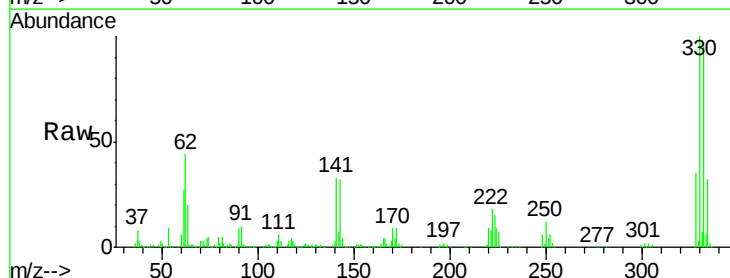
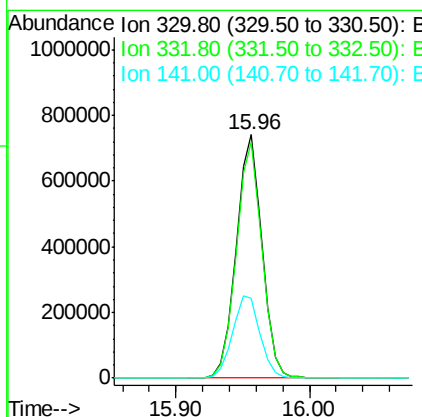
RT: 15.96 min Scan# 2205

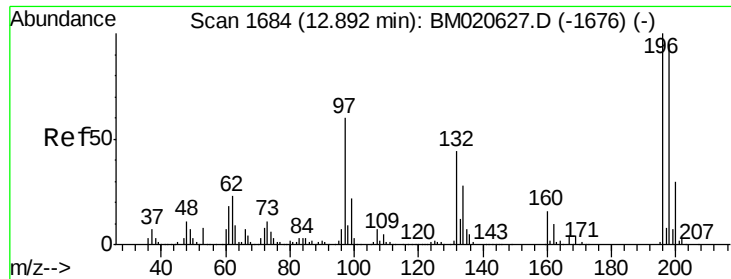
Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	330	Resp:	994196
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.4	116.0
141	36.2	30.4	45.6





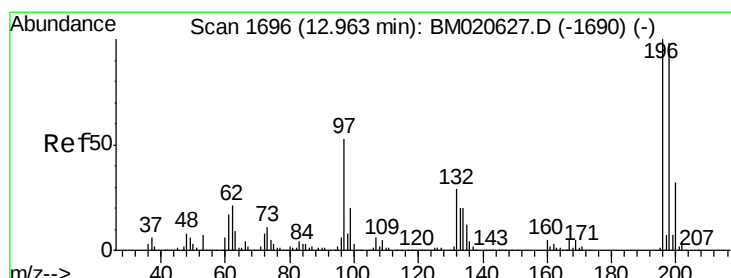
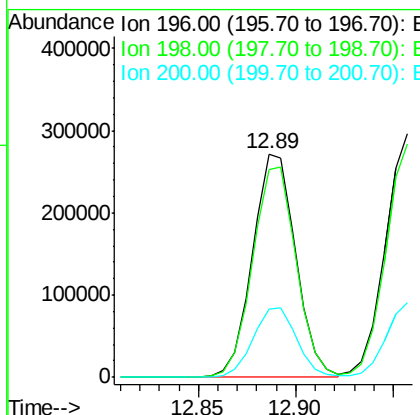
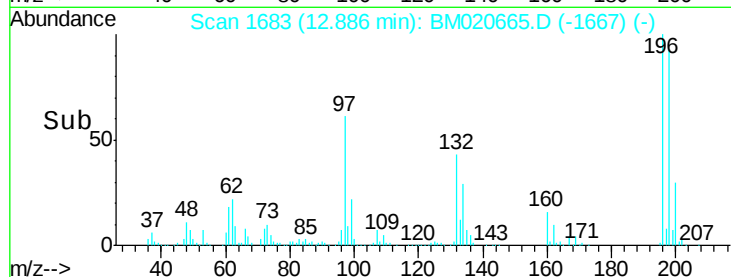
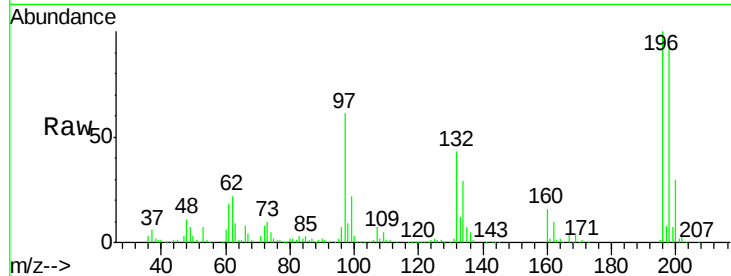
#43
 2,4,6-Trichlorophenol
 Concen: 34.141 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	416116		
198	92.9	75.7	113.5	
200	30.4	23.9	35.9	

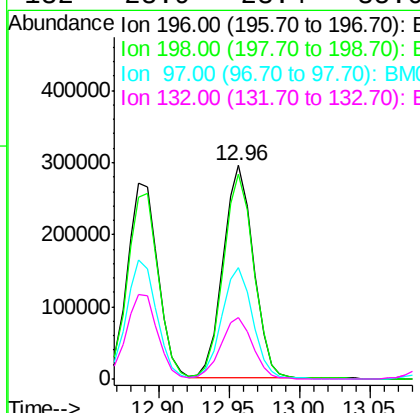
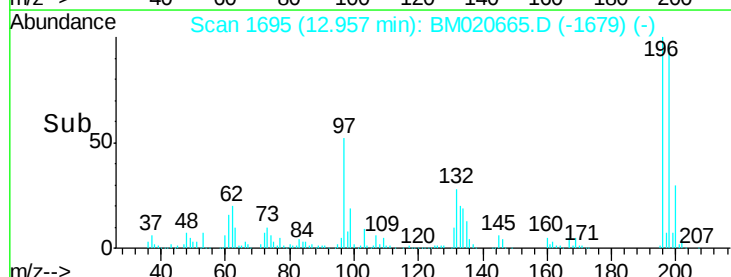
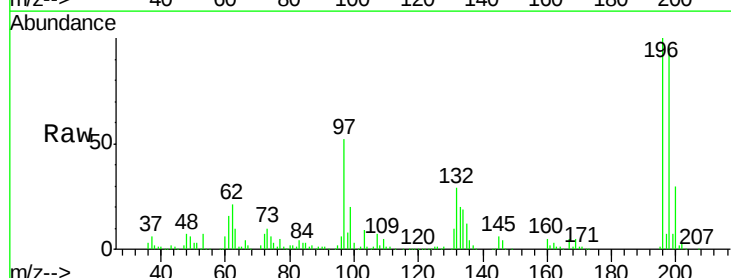
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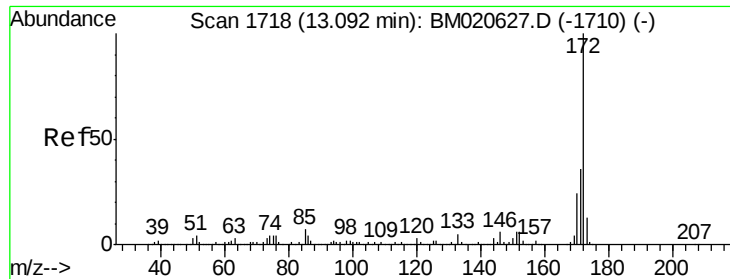
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#44
 2,4,5-Trichlorophenol
 Concen: 35.230 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	443307		
198	95.6	78.6	117.8	
97	52.3	42.7	64.1	
132	28.9	23.4	35.0	





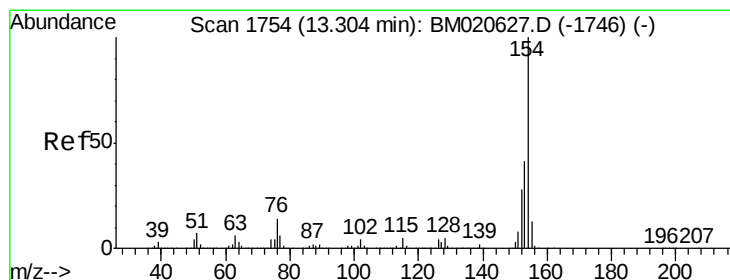
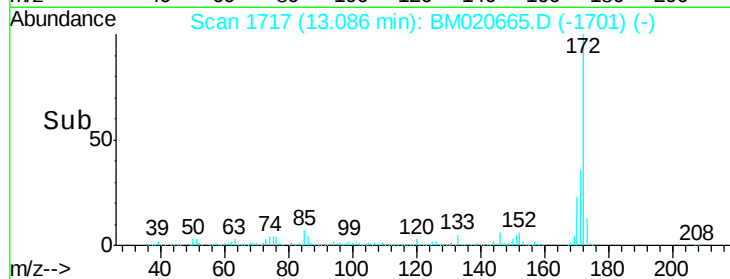
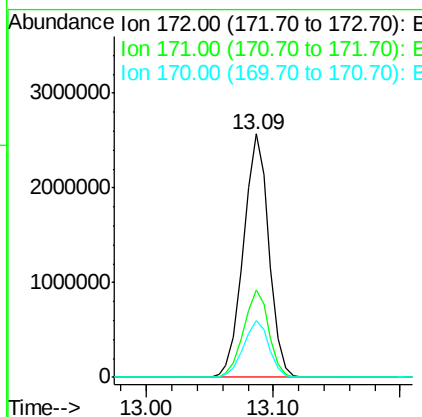
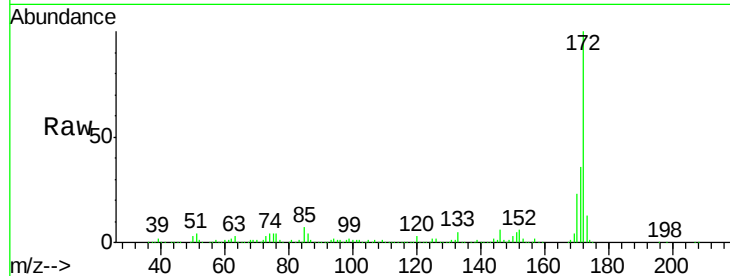
#45
2-Fluorobiphenyl
Concen: 81.848 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.4	18.9	28.3

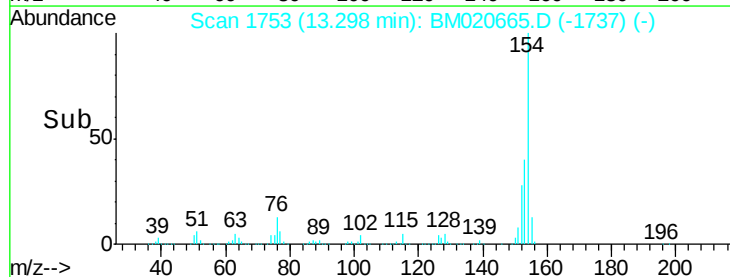
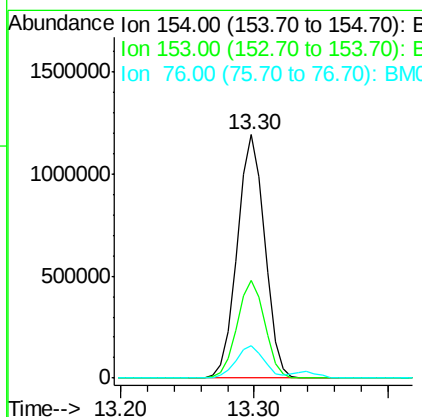
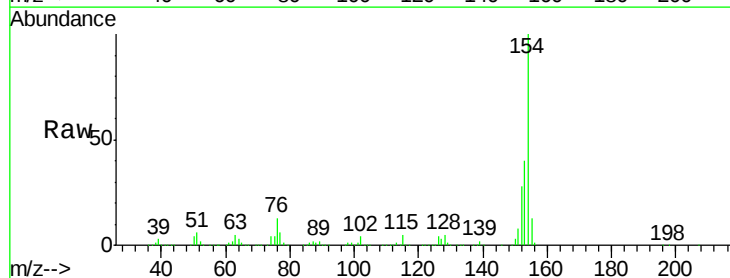
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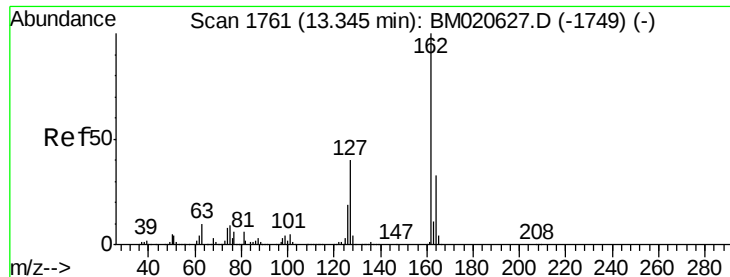
mohammad
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#46
1,1'-Biphenyl
Concen: 35.195 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.7	60.7
76	13.2	0.0	34.0





#47

2-Chloronaphthalene

Concen: 33.673 ng

RT: 13.34 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

ClientSampleId :

PB120182BS

Tot Ion:162 Resp: 1311463

Ion Ratio Lower Upper

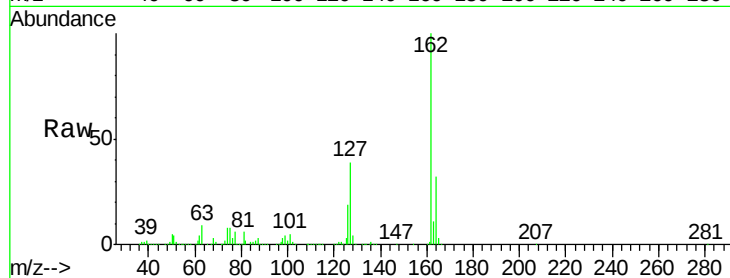
162 100

127 39.2 32.1 48.1

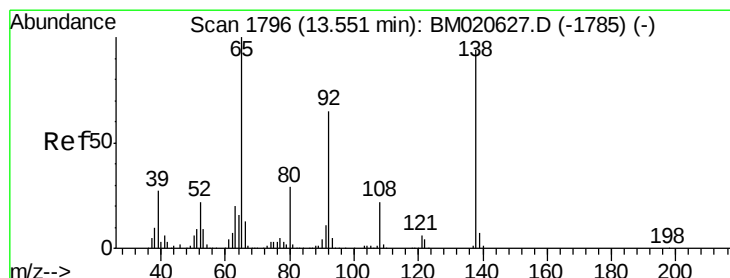
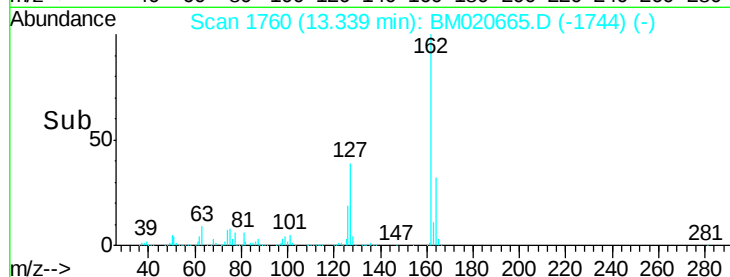
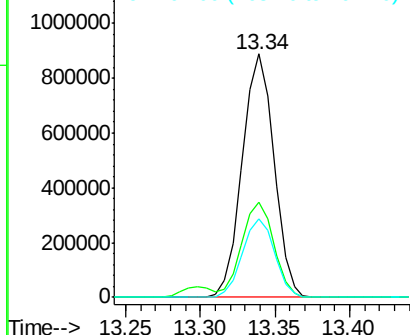
164 32.4 26.6 39.8

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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: 30.099 ng

RT: 13.55 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

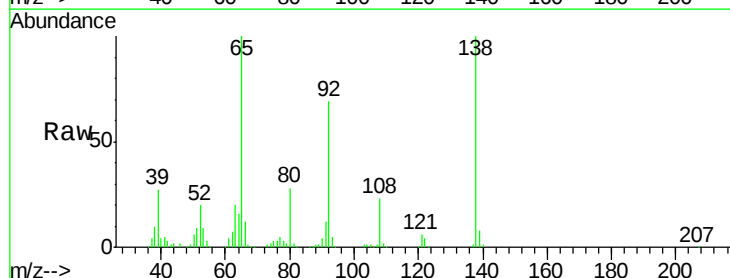
Tgt Ion: 65 Resp: 367940

Ion Ratio Lower Upper

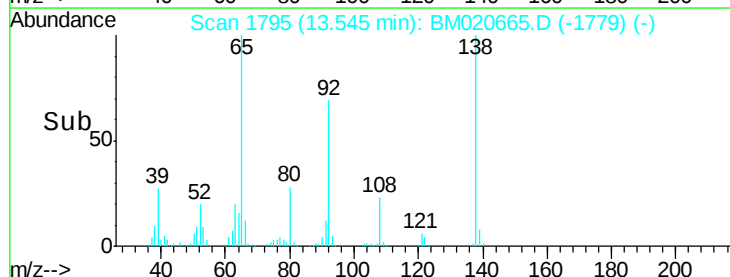
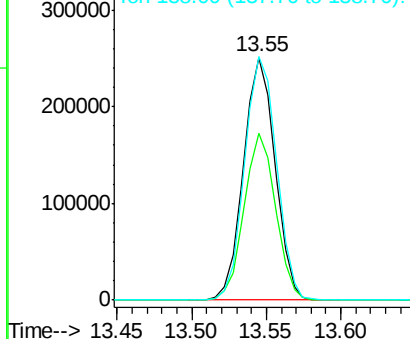
65 100

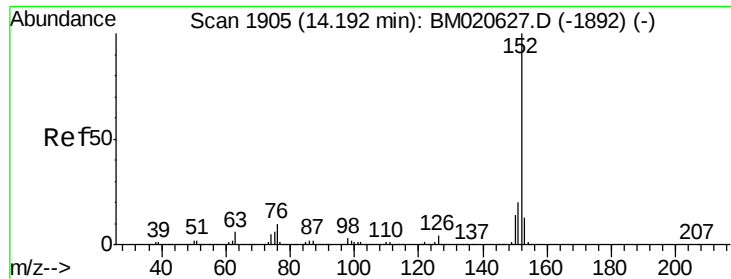
92 68.9 52.2 78.4

138 100.3 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: 33.255 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

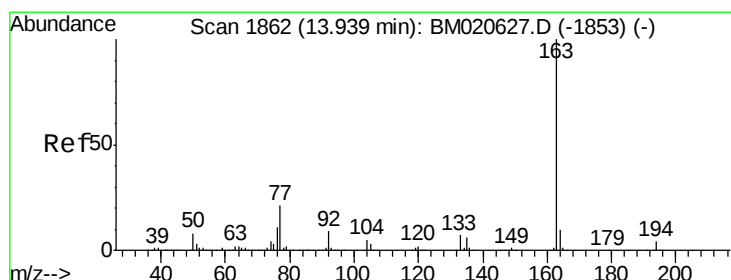
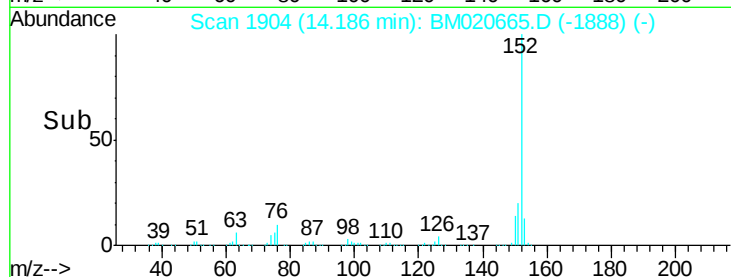
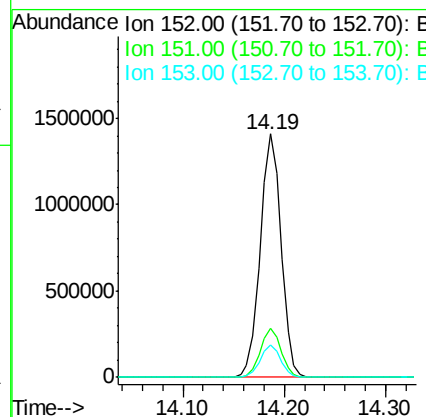
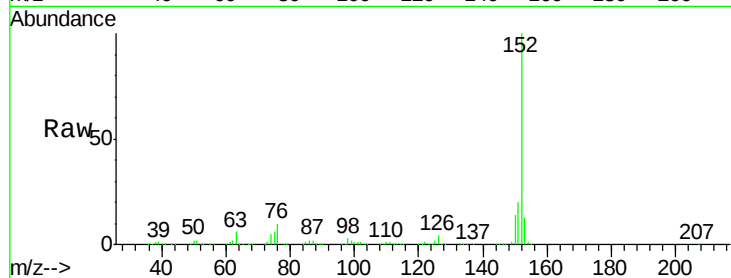
ClientSampleId :

PB120182BS

Tot Ion:	152	Resp:	2020901
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.1	10.6	15.8

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#50

Dimethylphthalate

Concen: 30.420 ng

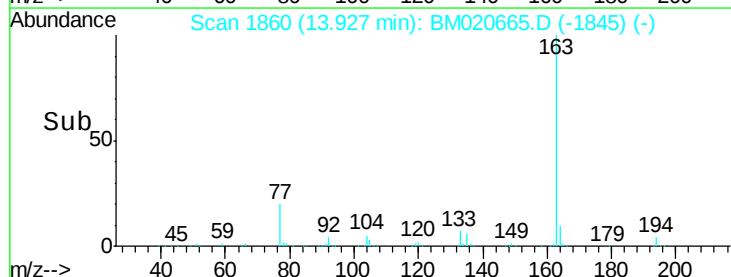
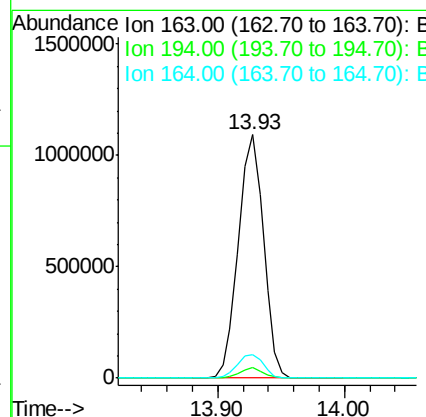
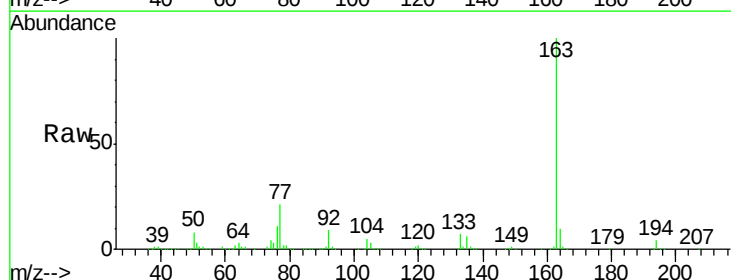
RT: 13.93 min Scan# 1860

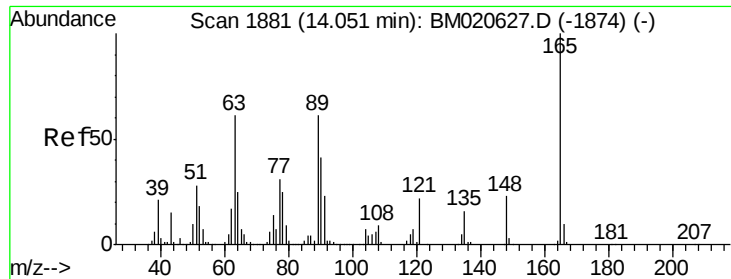
Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	163	Resp:	1501699
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	9.9	7.9	11.9





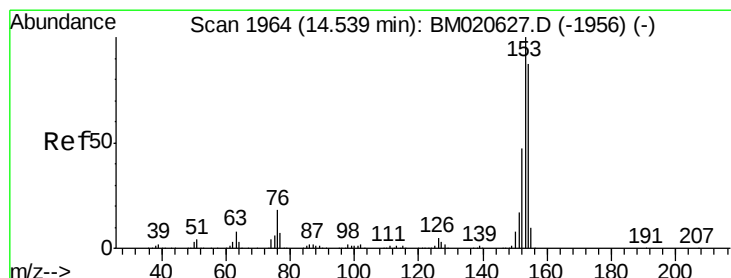
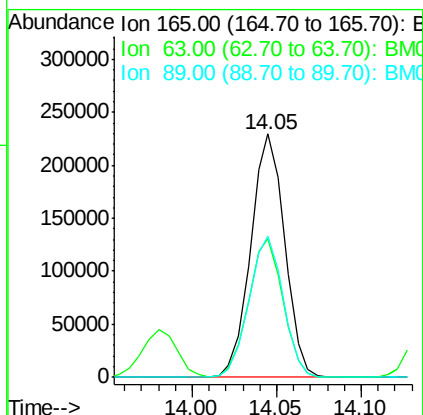
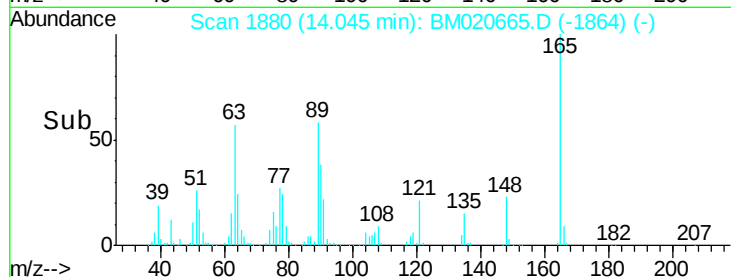
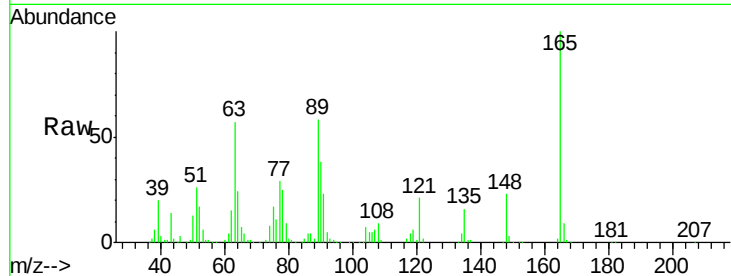
#51
2,6-Dinitrotoluene
Concen: 32.044 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	321191		
63	56.9		50.4	75.6
89	58.2		49.1	73.7

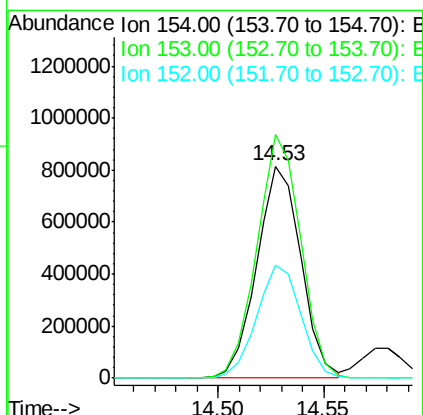
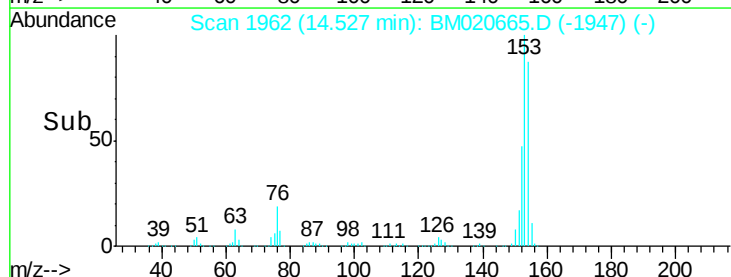
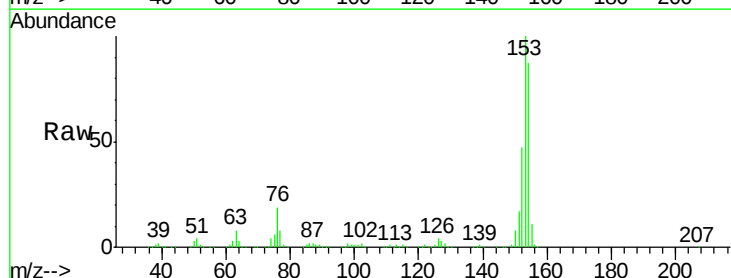
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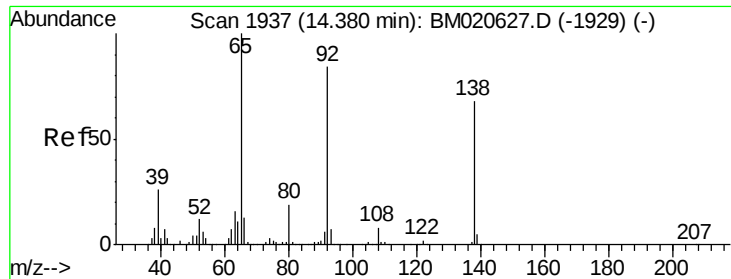
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#52
Acenaphthene
Concen: 32.671 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1183161		
153	114.8		92.4	138.6
152	53.6		43.4	65.0





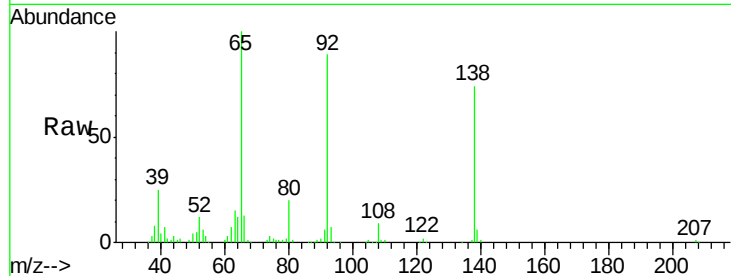
#53
3-Nitroaniline
Concen: 17.567 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

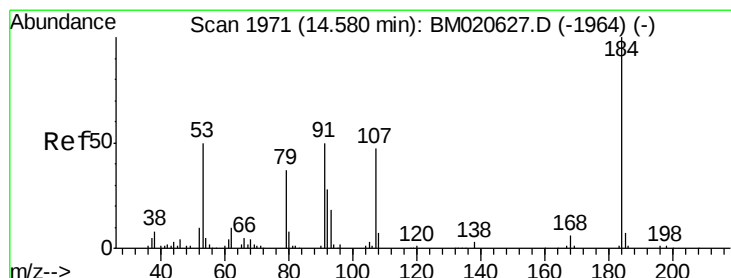
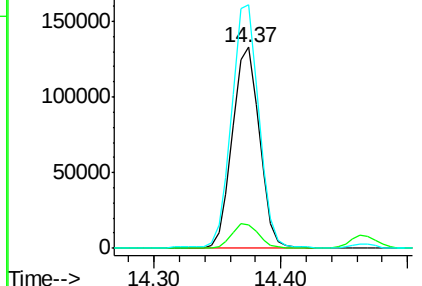
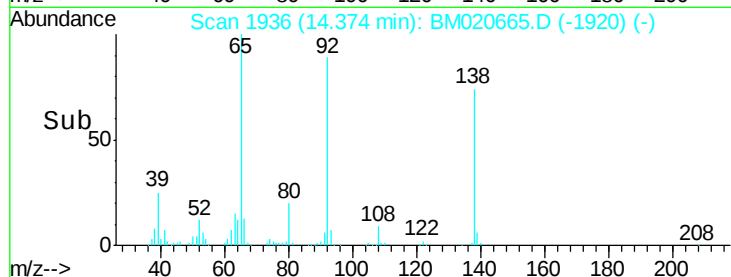
Tot Ion	Ratio	Resp	Lower	Upper
138	100	196544		
108	11.9	9.5	14.3	
92	121.2	99.6	149.4	

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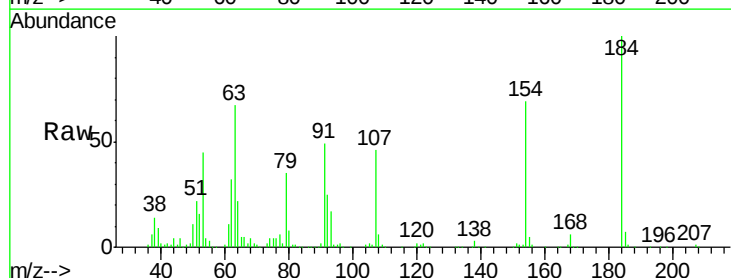


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

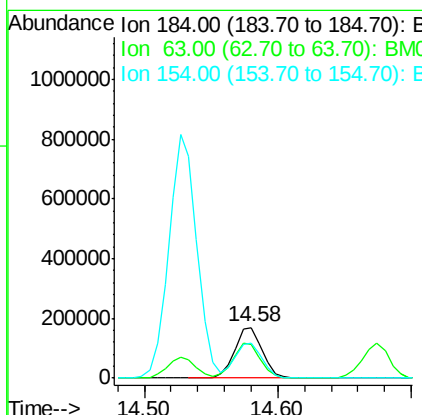
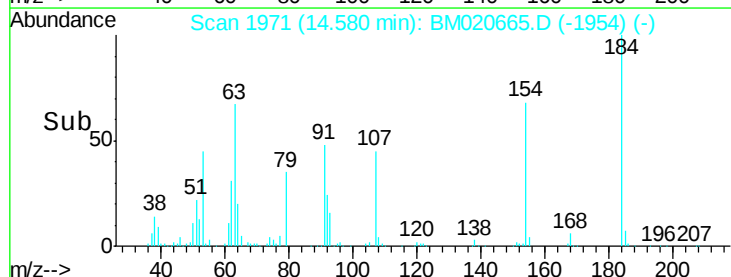


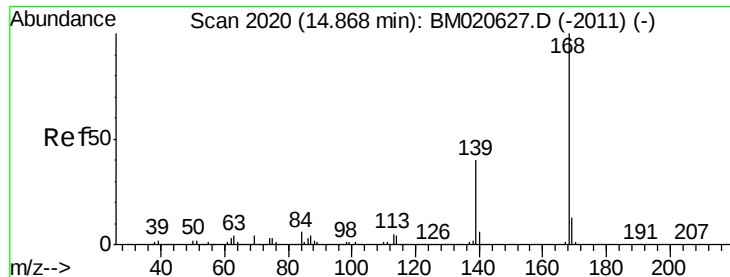
#54
2,4-Dinitrophenol
Concen: 58.861 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	244724		
63	67.4	59.3	88.9	
154	68.7	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





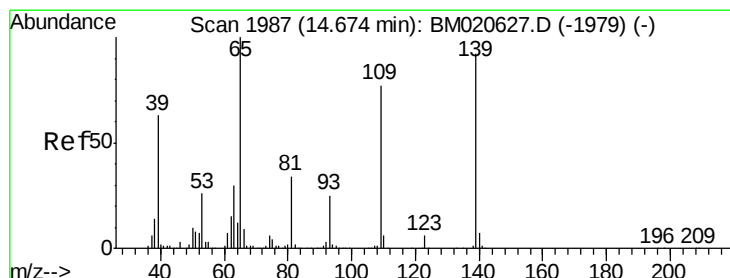
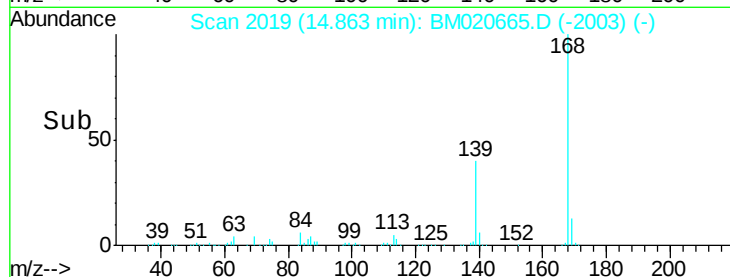
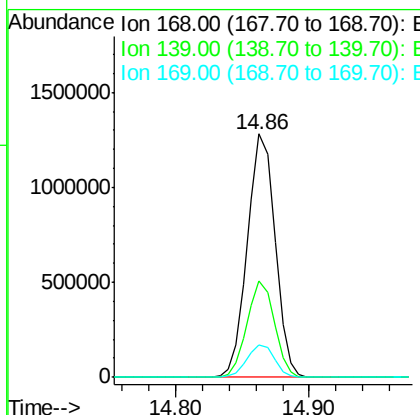
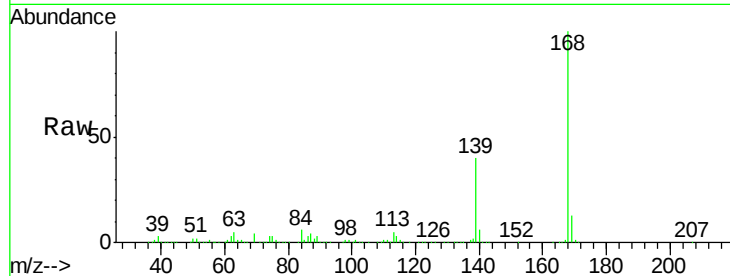
#55
Dibenzofuran
Concen: 32.522 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.9	47.9
169	13.5	10.7	16.1

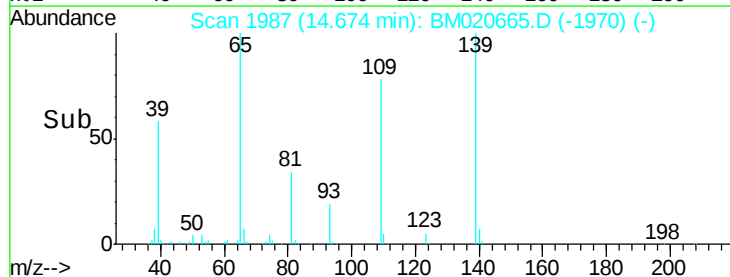
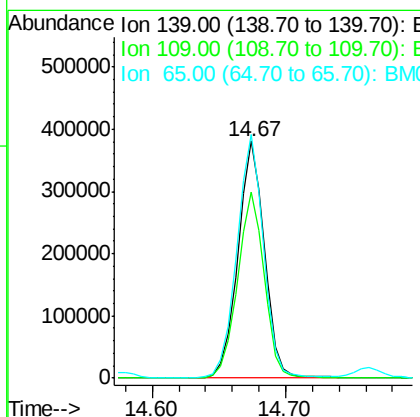
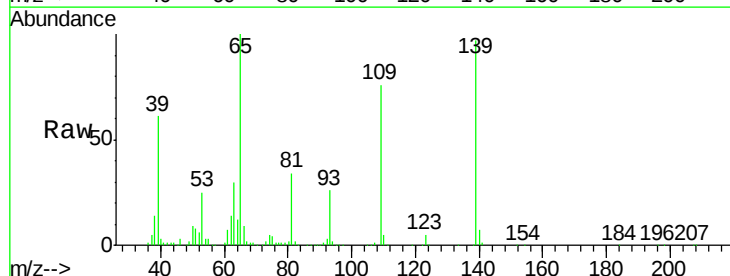
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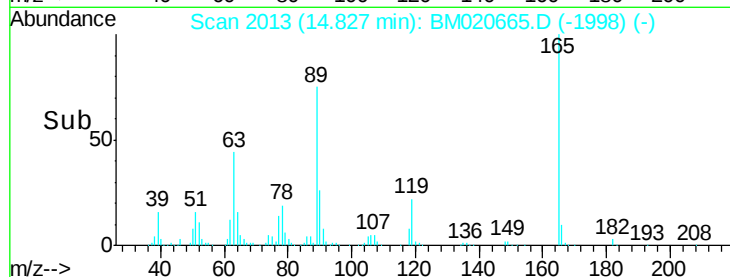
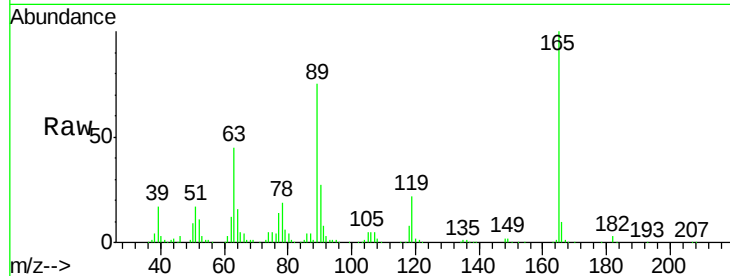
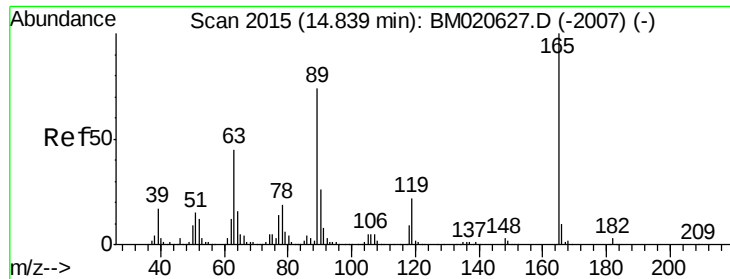
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#56
4-Nitrophenol
Concen: 63.345 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.3	62.7	102.7
65	102.8	88.3	128.3





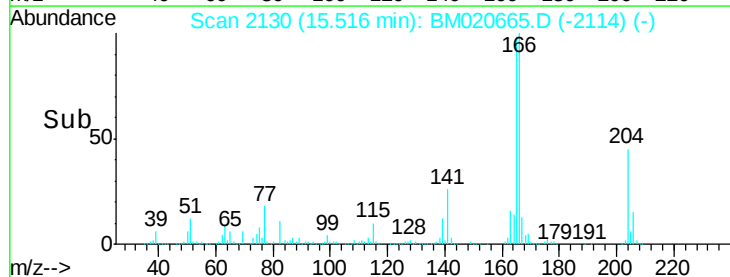
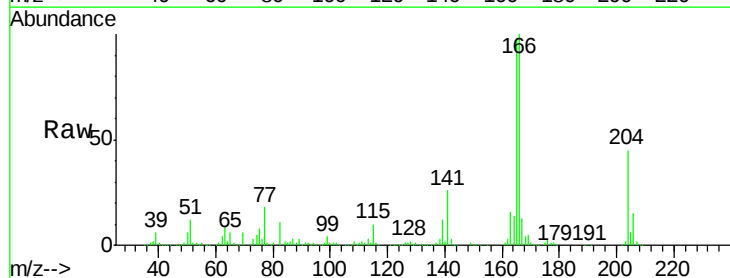
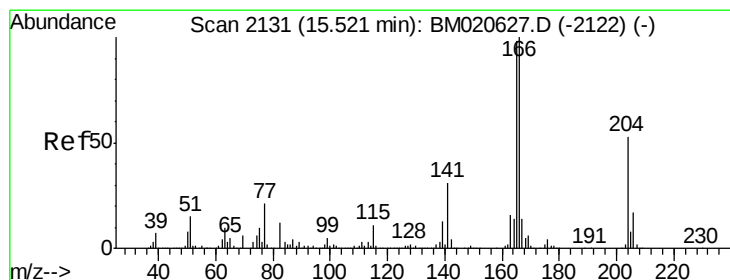
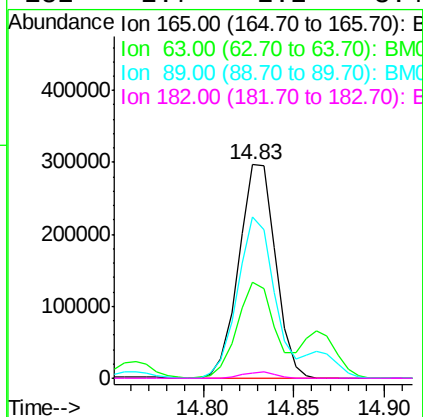
#57
2,4-Dinitrotoluene
Concen: 31.321 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	44.8	36.3	54.5
89	75.3	59.0	88.6
182	2.7	2.2	3.4

Instrument :
BNA_M
ClientSampleId :
PB120182BS

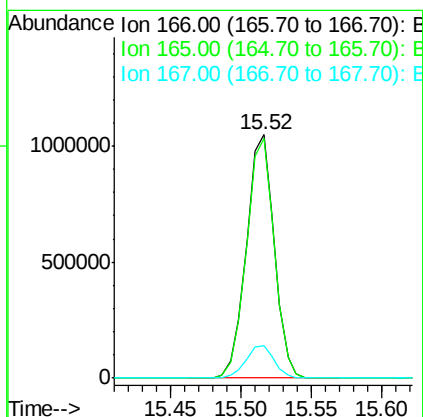
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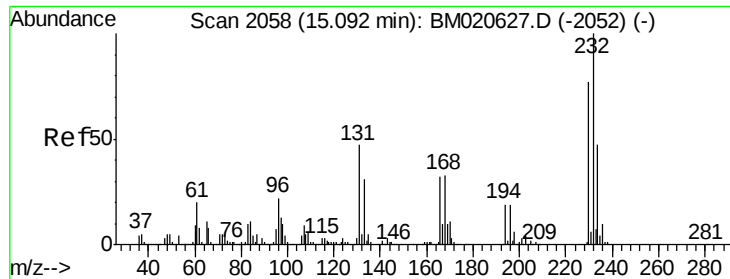
mohammad
6/5/2019 8:45:58 AM



#58
Fluorene
Concen: 31.387 ng
RT: 15.52 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.4	78.6	117.8
167	13.2	11.0	16.4





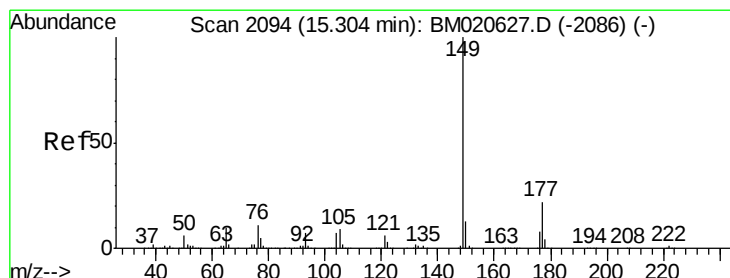
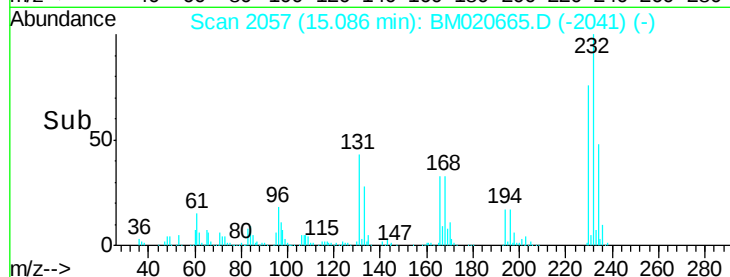
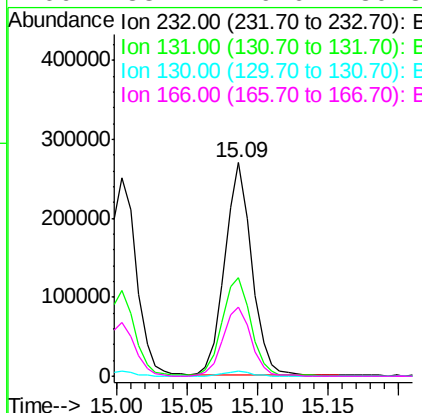
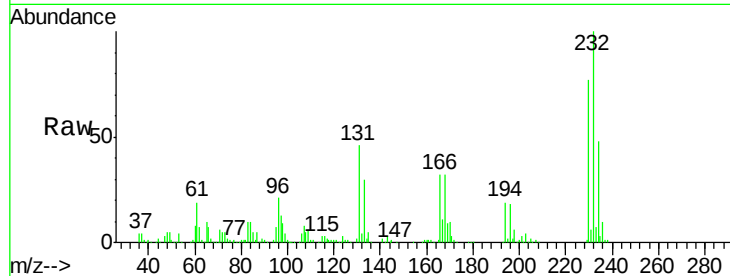
#59
2,3,4,6-Tetrachlorophenol
Concen: 32.430 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	355580		
131	49.2	38.6	57.8	
130	2.6	2.2	3.2	
166	33.7	26.6	39.8	

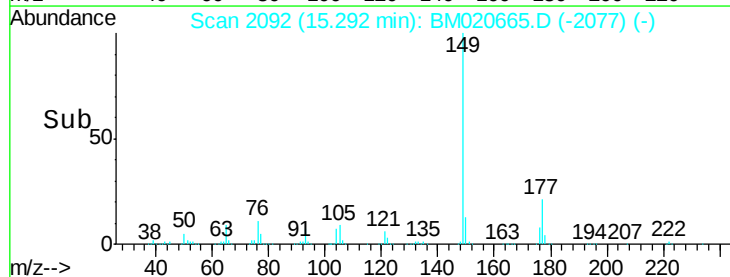
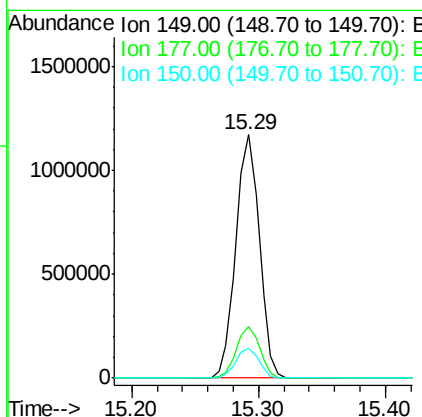
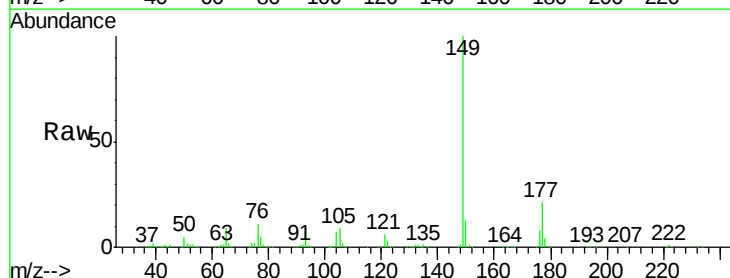
Manual Integrations
APPROVED

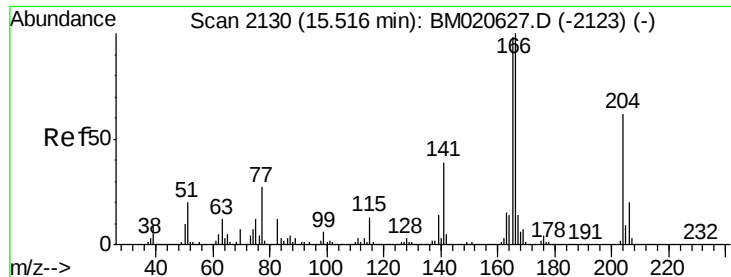
mohammad
6/5/2019 8:45:58 AM



#60
Diethylphthalate
Concen: 29.429 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1498315		
177	21.3	17.2	25.8	
150	12.5	10.1	15.1	





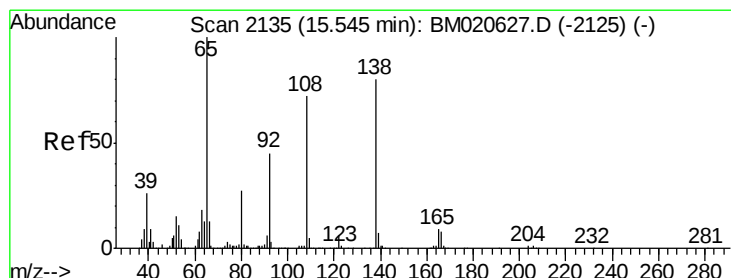
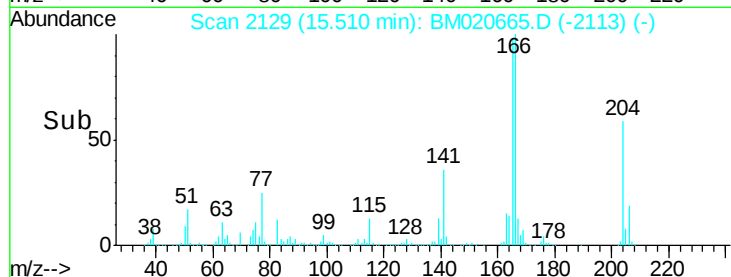
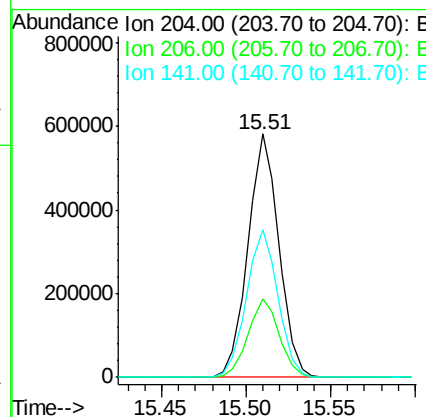
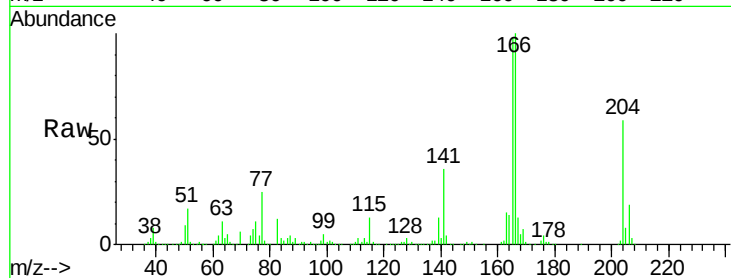
#61
4-Chlorophenyl-phenylether
Concen: 30.344 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	60.7	50.2	75.4

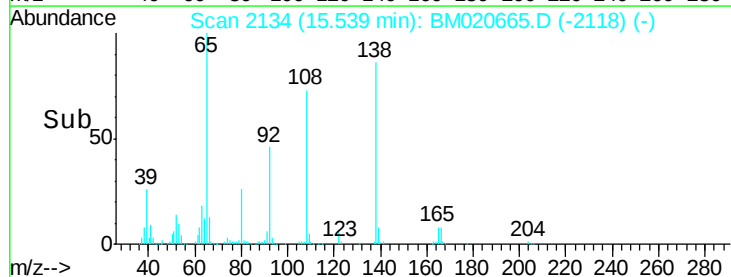
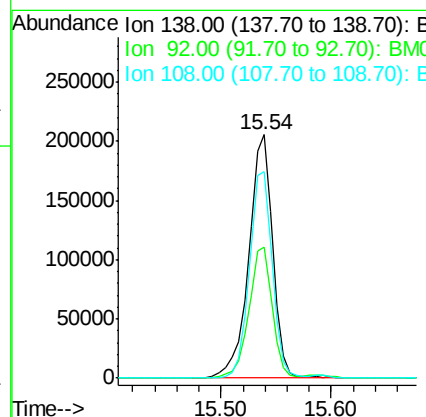
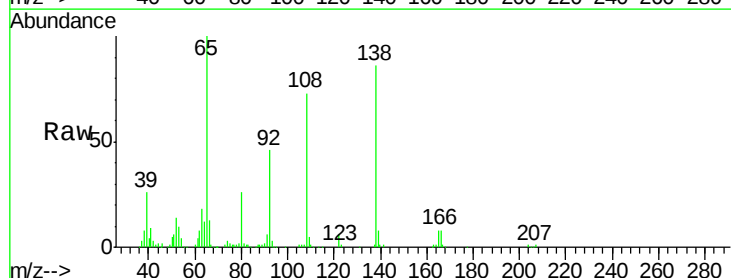
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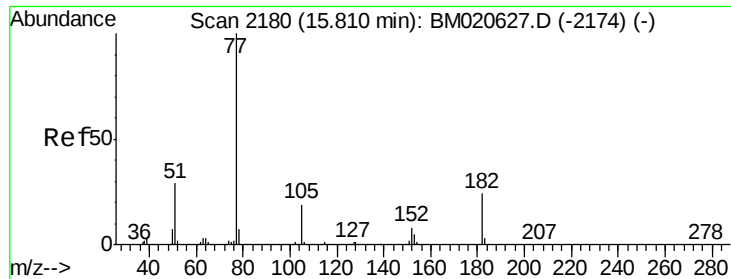
mohammad
6/5/2019 8:45:58 AM



#62
4-Nitroaniline
Concen: 26.426 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	36.7	76.7
108	85.0	70.3	110.3





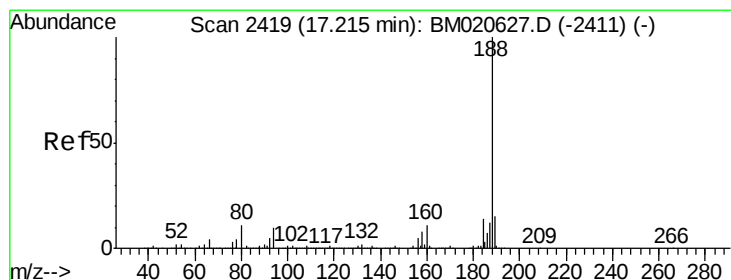
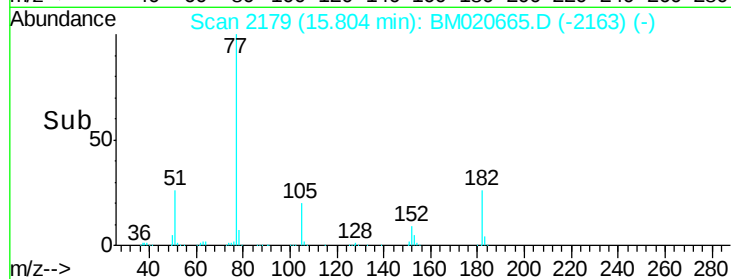
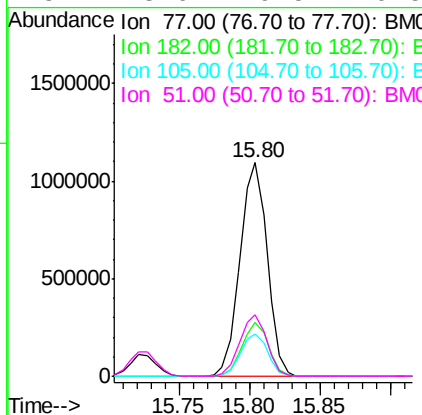
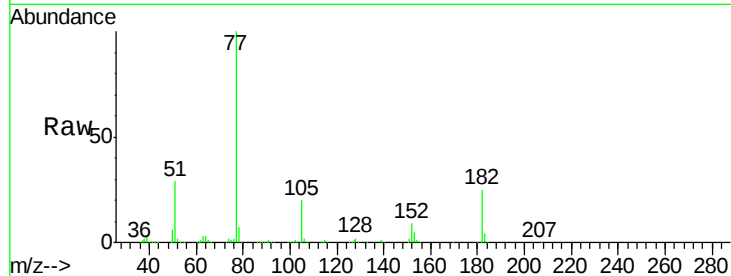
#63
Azobenzene
Concen: 30.052 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.1	3.6	43.6	
105	19.9	0.0	39.4	
51	28.6	9.5	49.5	

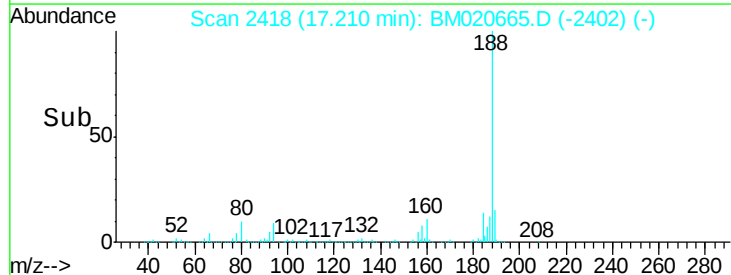
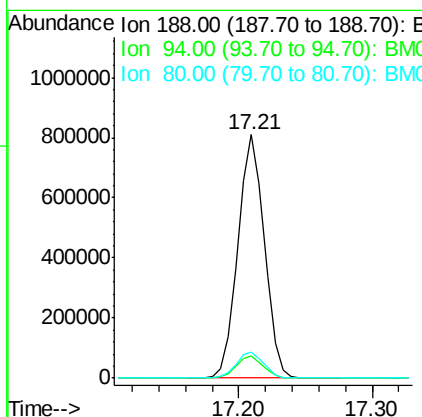
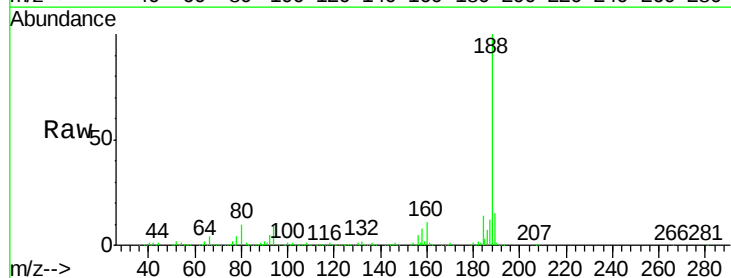
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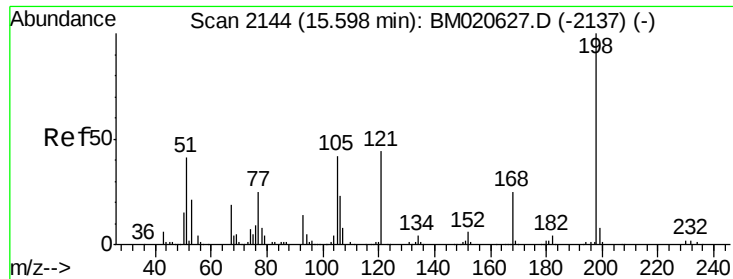
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	7.8	11.8	
80	10.5	9.0	13.6	





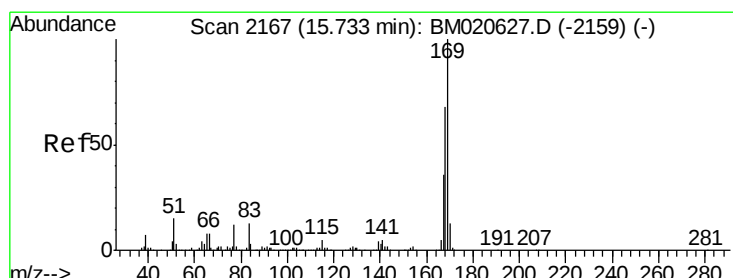
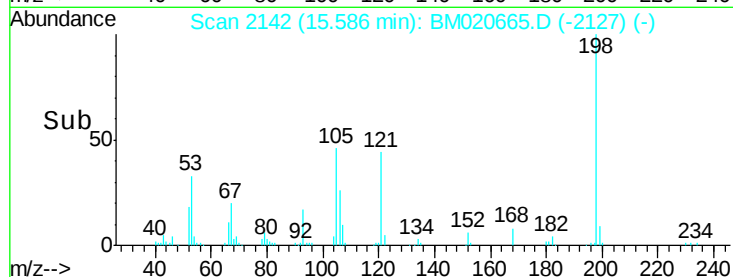
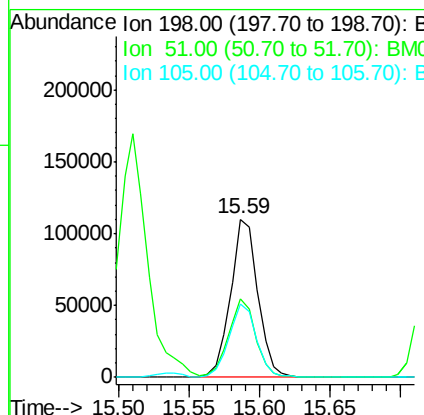
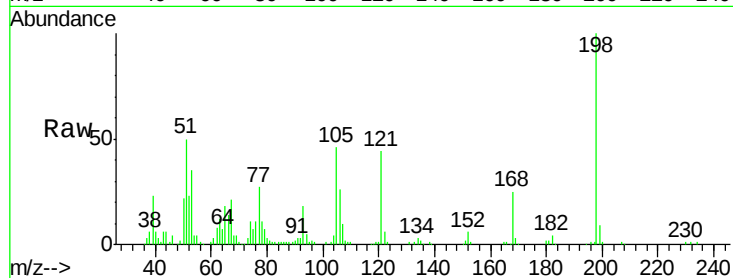
#65
4,6-Dinitro-2-methylphenol
Concen: 32.712 ng
RT: 15.59 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	147912		
51	50.0	27.7	67.7	
105	46.1	23.8	63.8	

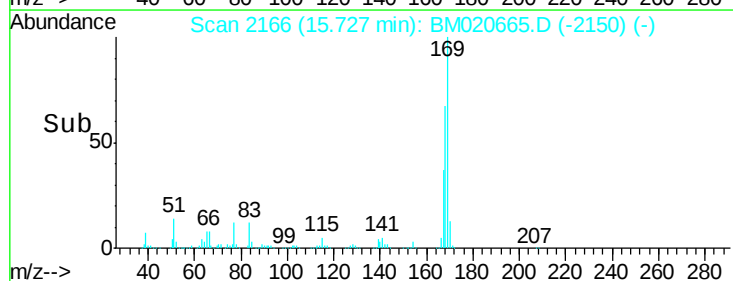
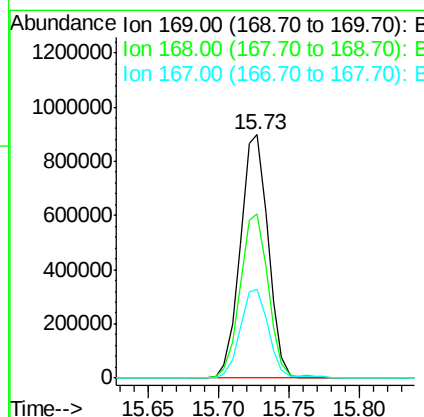
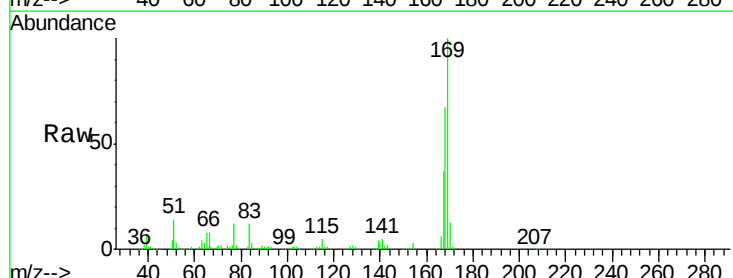
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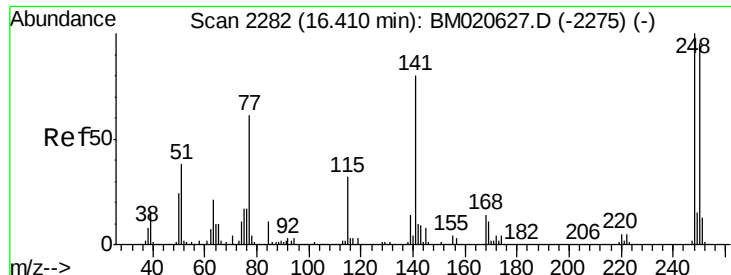
mohammad
6/5/2019 8:45:58 AM



#66
n-Nitrosodiphenylamine
Concen: 34.774 ng
RT: 15.73 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1235840		
168	67.3	54.2	81.4	
167	36.5	29.1	43.7	





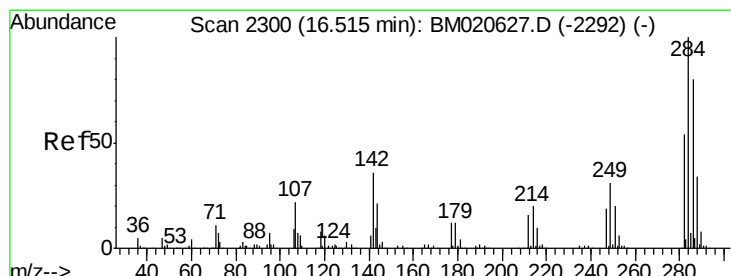
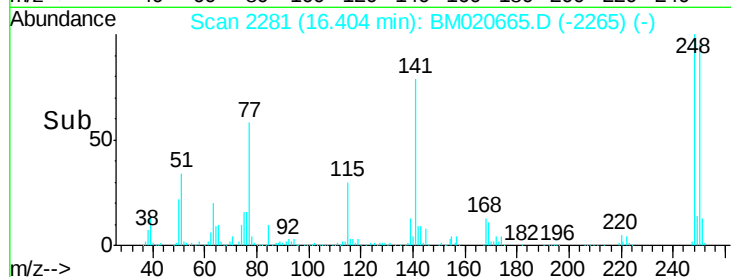
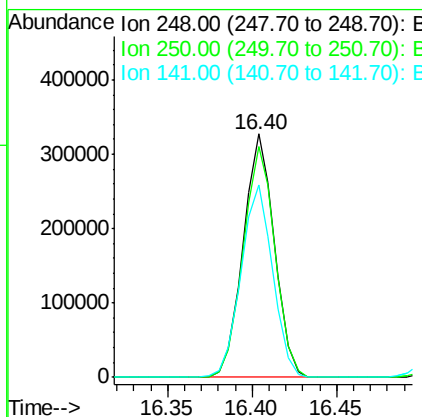
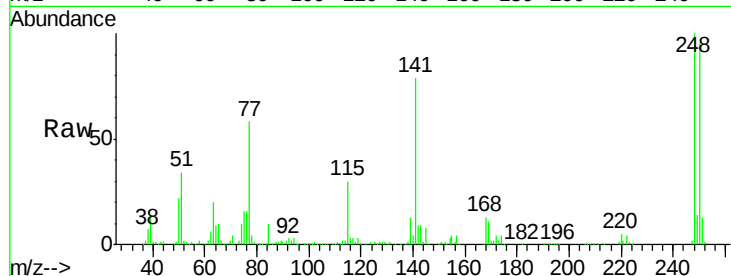
#67
 4-Bromophenyl-phenylether
 Concen: 32.219 ng
 RT: 16.40 min Scan# 2281
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.6	76.3	114.5
141	79.1	64.2	96.2

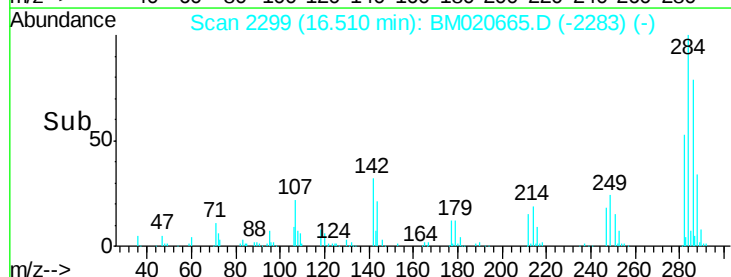
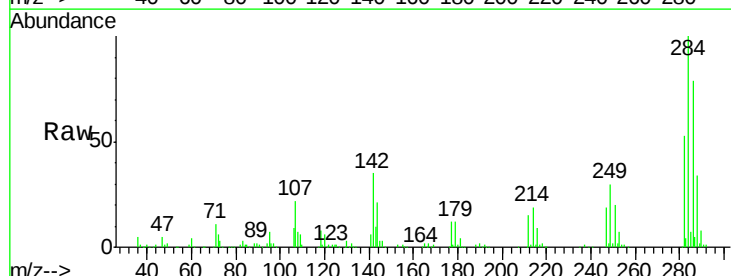
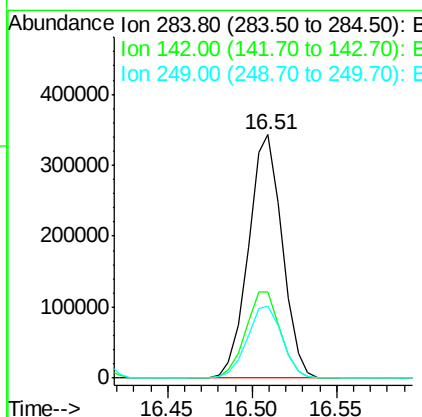
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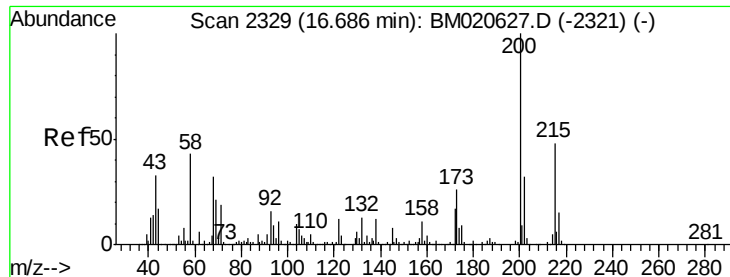
mohammad
 6/5/2019 8:45:58 AM



#68
 Hexachlorobenzene
 Concen: 31.198 ng
 RT: 16.51 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.6	42.8
249	29.8	25.0	37.4





#69

Atrazine

Concen: 35.804 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

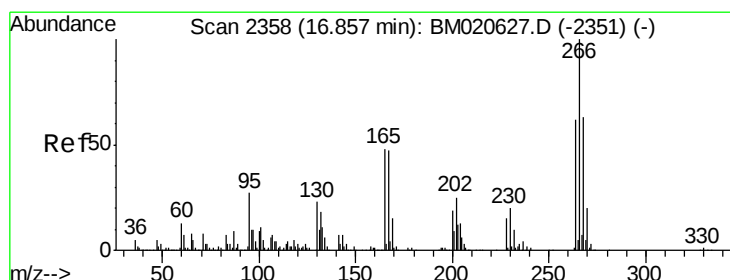
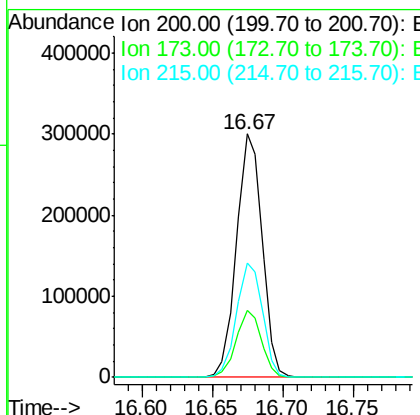
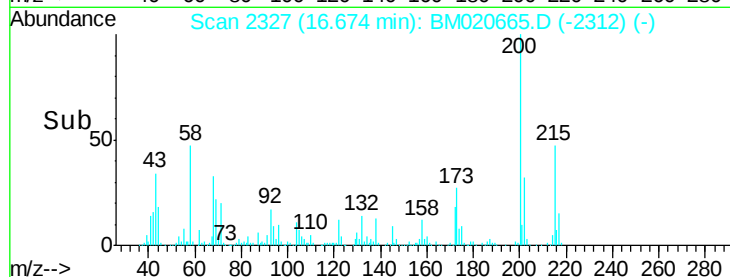
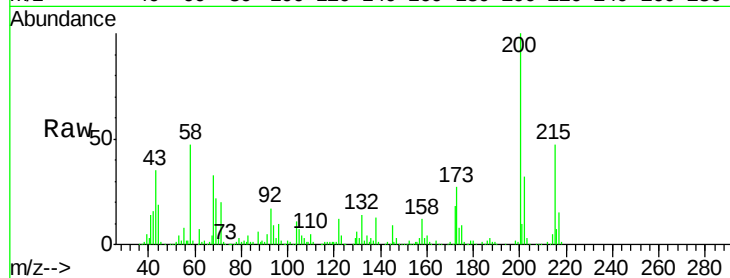
ClientSampleId :

PB120182BS

Tot Ion:	200	Resp:	379769
Ion Ratio	Lower	Upper	
200	100		
173	27.4	6.2	46.2
215	47.1	27.7	67.7

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#70

Pentachlorophenol

Concen: 71.704 ng

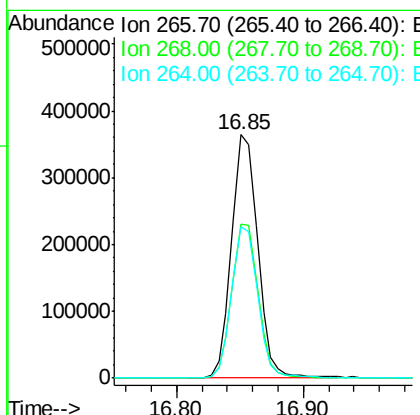
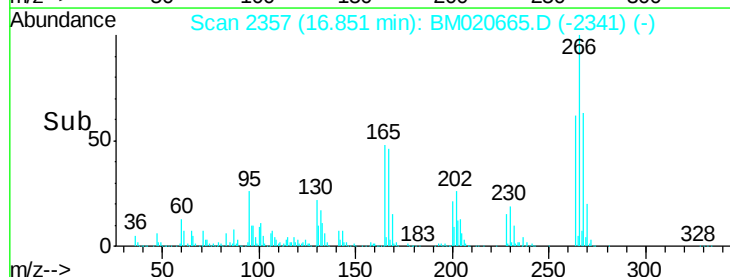
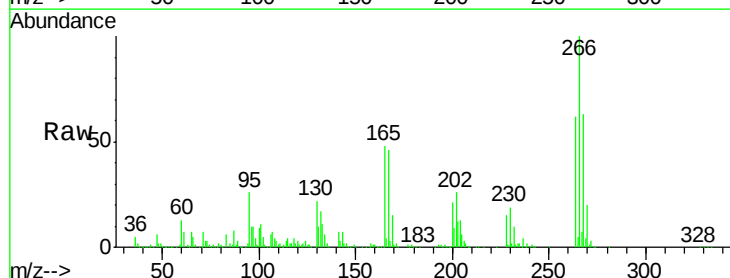
RT: 16.85 min Scan# 2357

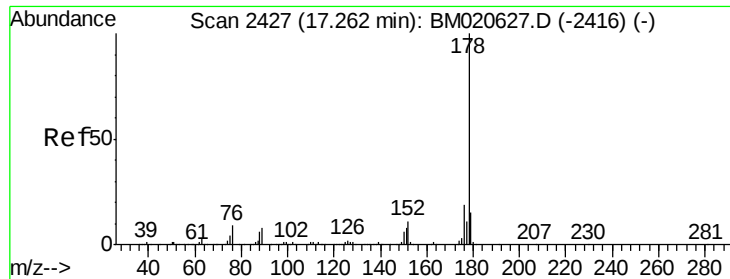
Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	266	Resp:	522123
Ion Ratio	Lower	Upper	
266	100		
268	63.2	50.6	75.8
264	62.1	49.6	74.4





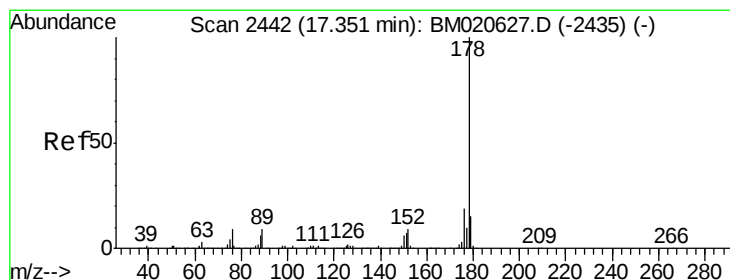
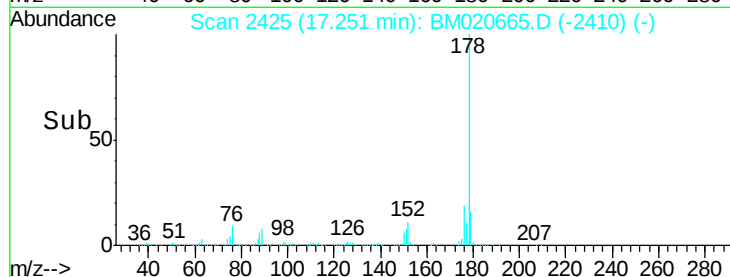
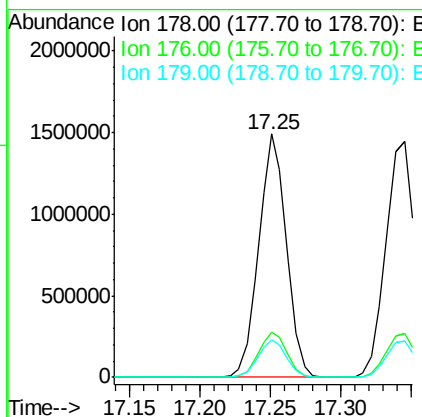
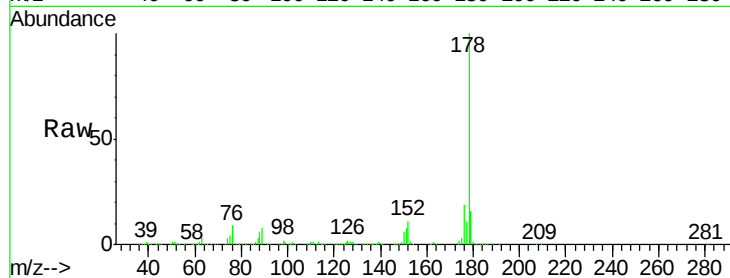
#71
Phenanthrene
Concen: 32.617 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.5	23.3
179	15.5	12.2	18.4

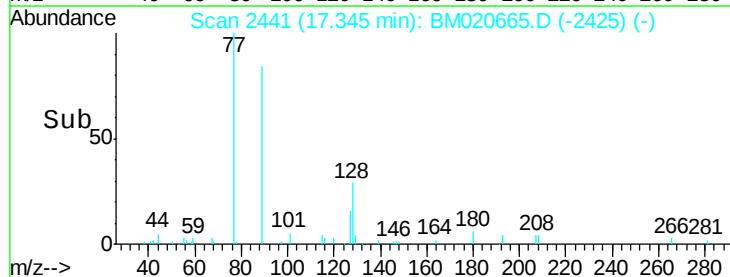
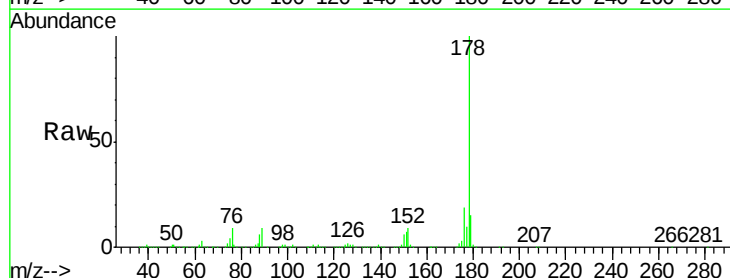
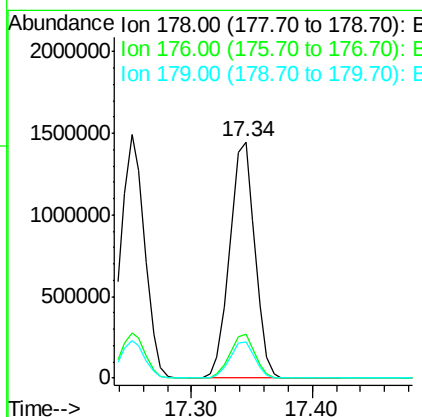
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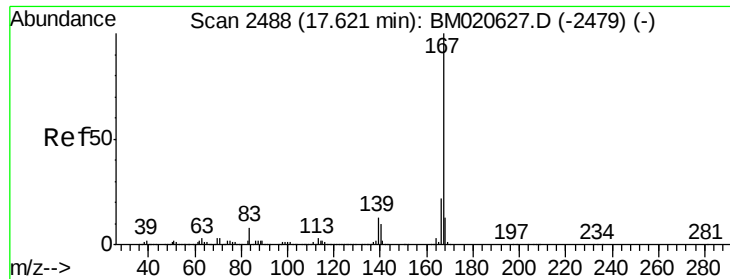
mohammad
6/5/2019 8:45:58 AM



#72
Anthracene
Concen: 33.337 ng
RT: 17.34 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

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





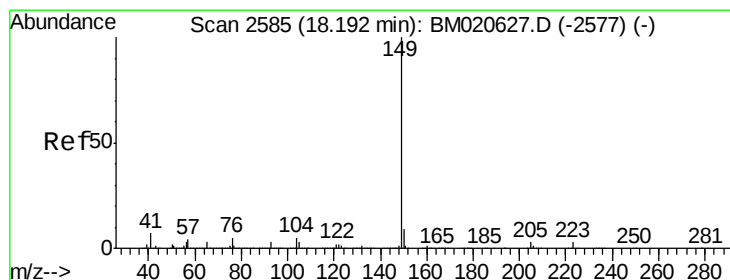
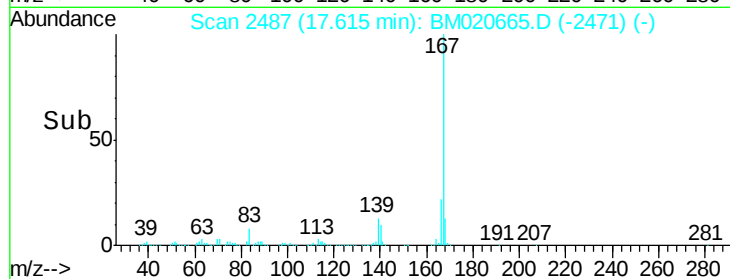
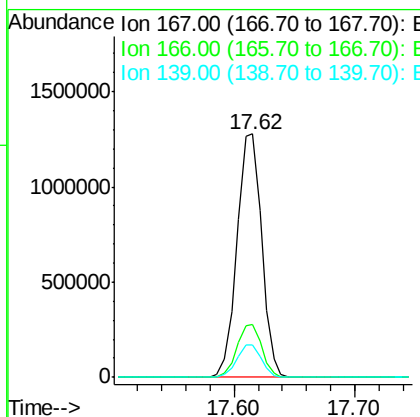
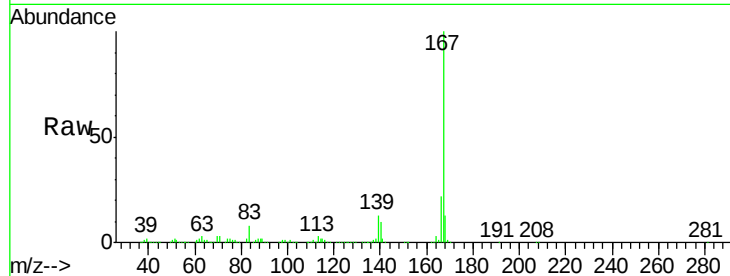
#73
 Carbazole
 Concen: 32.071 ng
 RT: 17.62 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.2	10.6	15.8

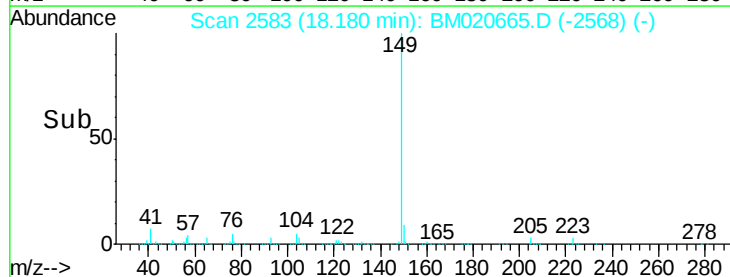
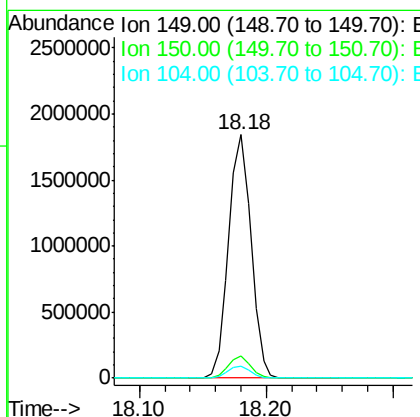
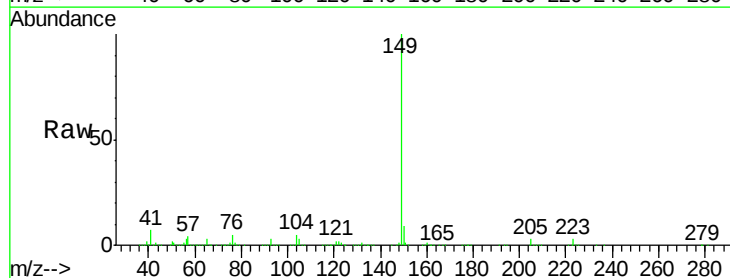
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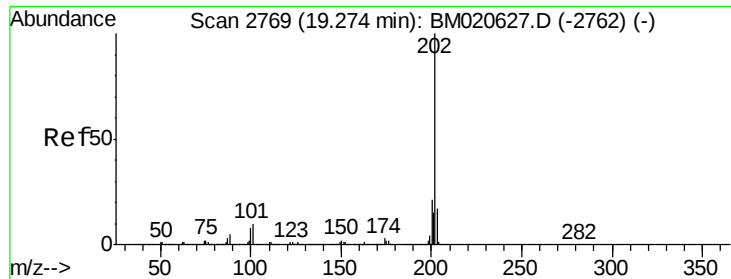
mohammad
 6/5/2019 8:45:58 AM



#74
 Di-n-butylphthalate
 Concen: 30.389 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 31.365 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

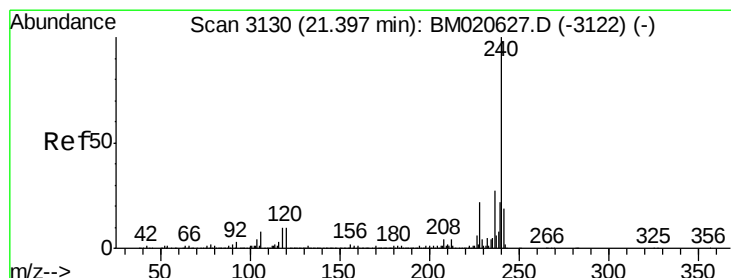
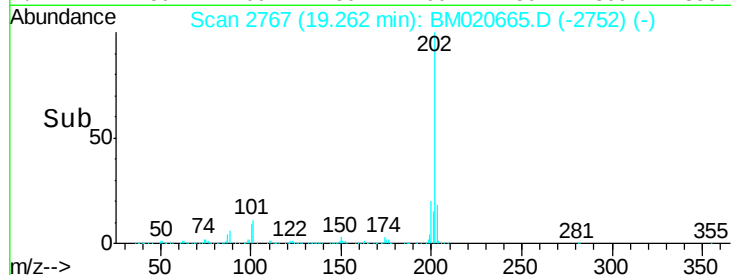
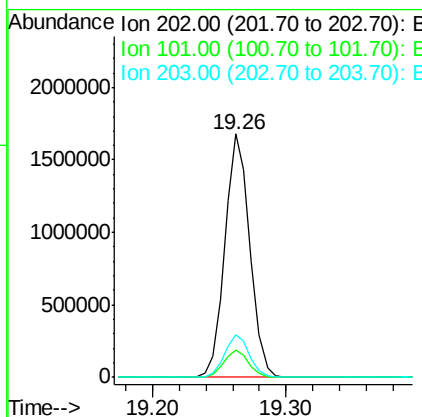
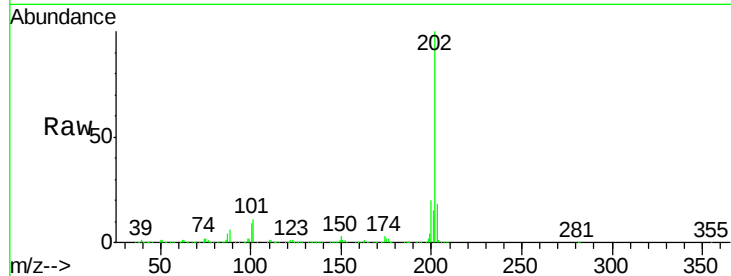
ClientSampleId :

PB120182BS

Tot Ion:	202	Resp:	2194953
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	30.4
203	17.7	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

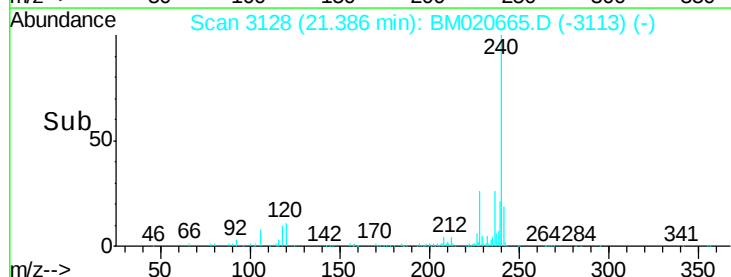
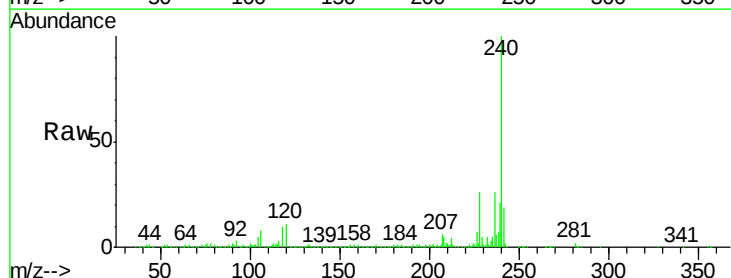
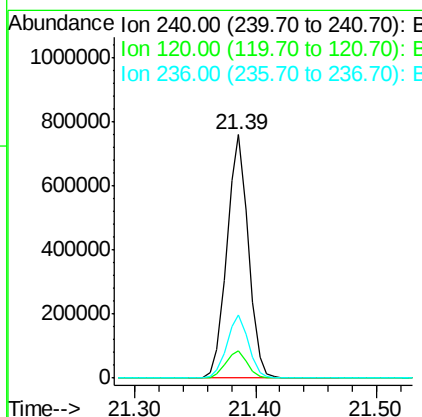
RT: 21.39 min Scan# 3128

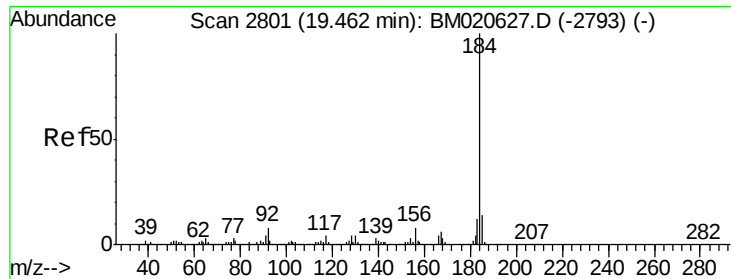
Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:	240	Resp:	930001
Ion Ratio	Lower	Upper	
240	100		
120	11.1	8.2	12.2
236	26.0	21.2	31.8





#77

Benzidine

Concen: 36.505 ng

RT: 19.46 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

ClientSampleId :

PB120182BS

Tot Ion:184 Resp: 1028717

Ion Ratio Lower Upper

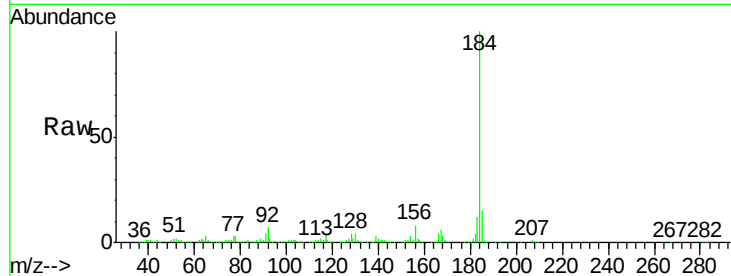
184 100

185 14.6 11.3 16.9

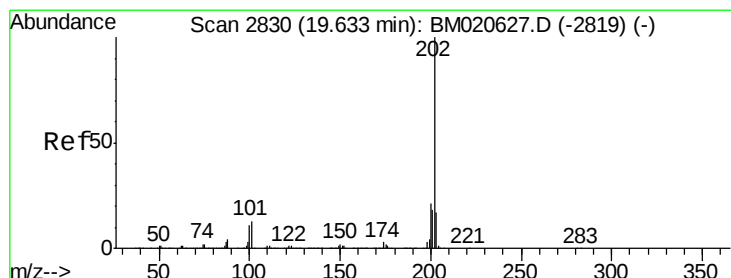
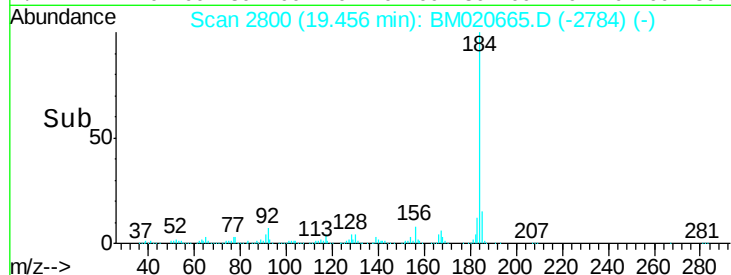
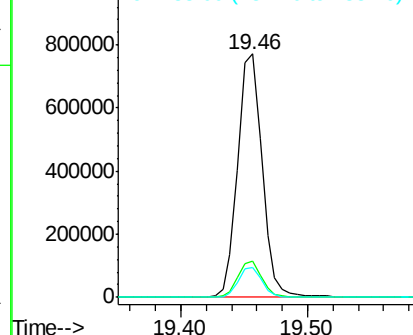
183 12.3 9.8 14.6

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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: 31.323 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

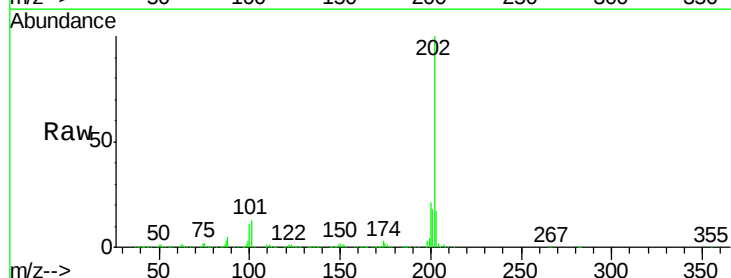
Tgt Ion:202 Resp: 2235394

Ion Ratio Lower Upper

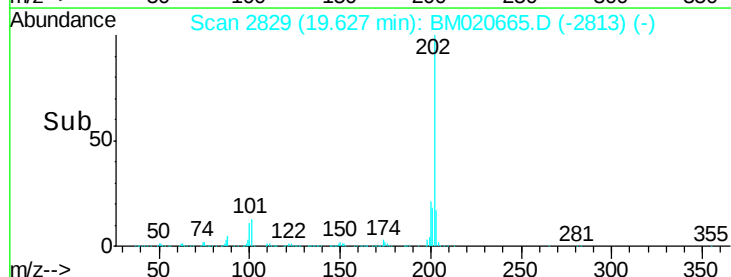
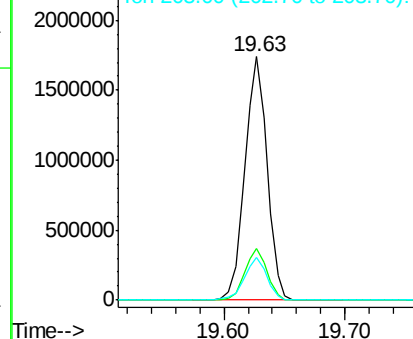
202 100

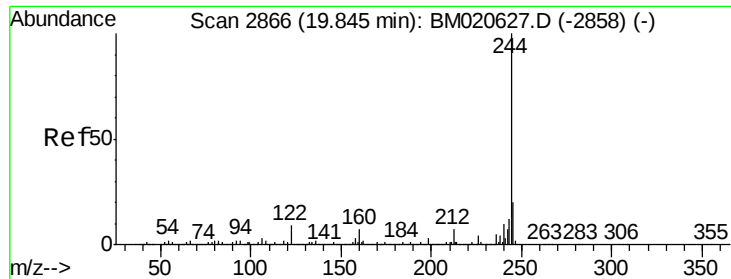
200 21.3 16.8 25.2

203 17.5 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





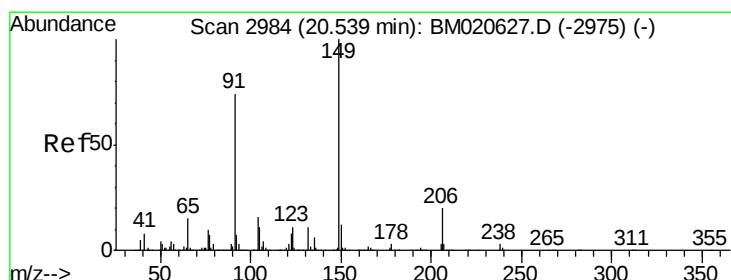
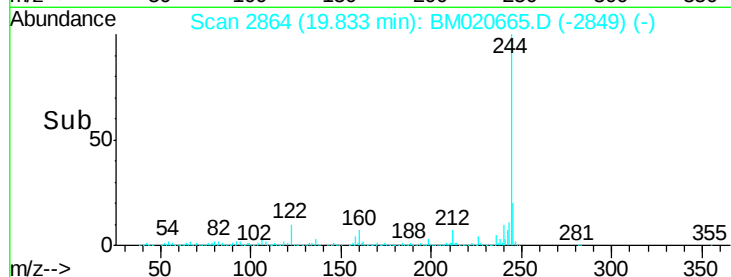
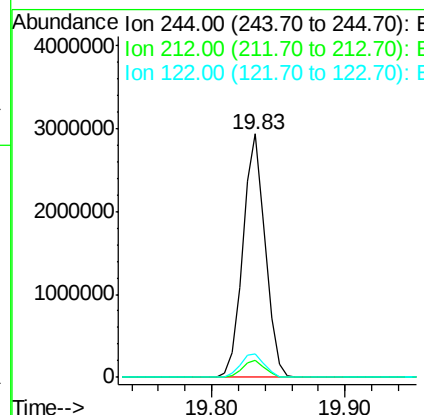
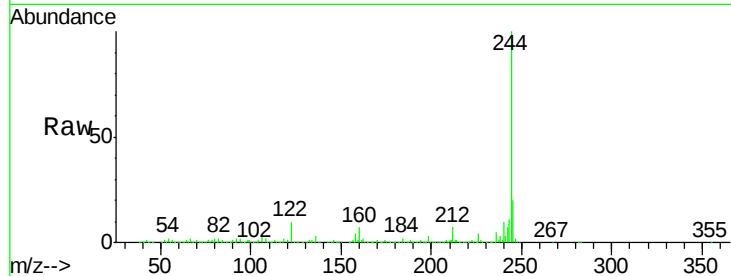
#79
 Terphenyl-d14
 Concen: 60.903 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	9.7	7.2	10.8

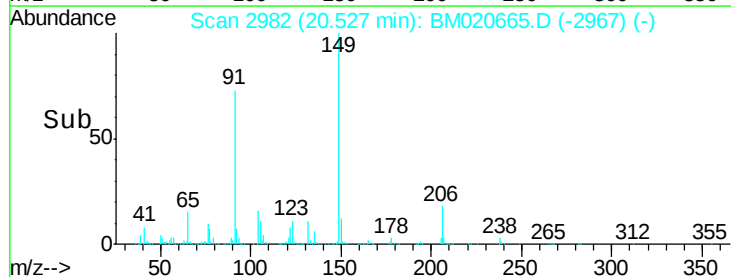
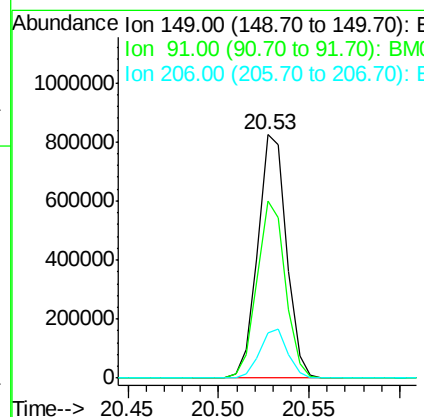
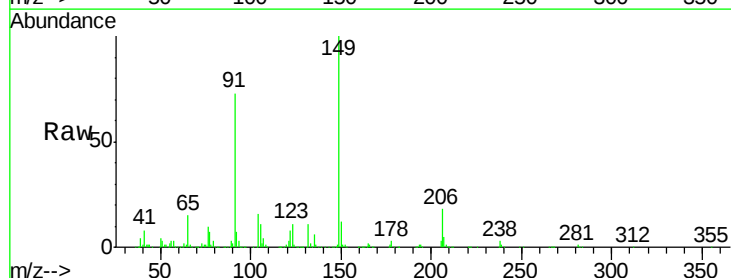
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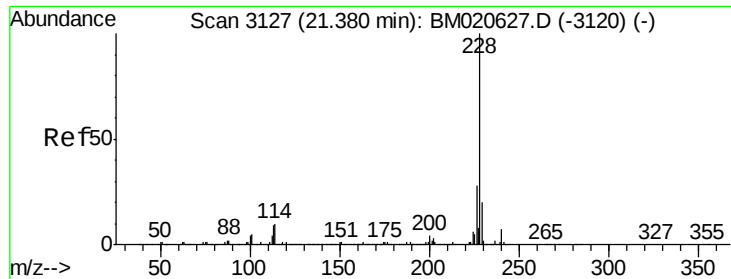
mohammad
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#80
 Butylbenzylphthalate
 Concen: 30.101 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.9	59.6	89.4
206	18.4	15.7	23.5





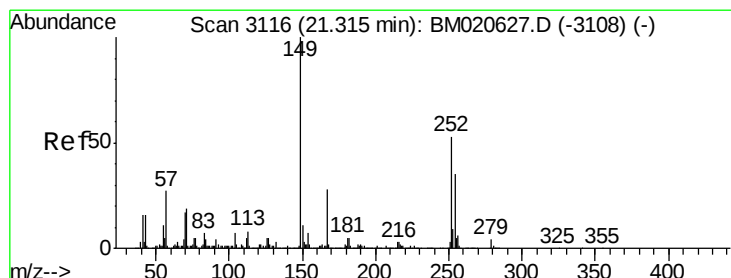
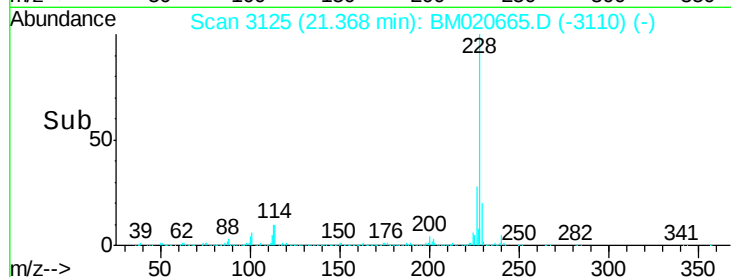
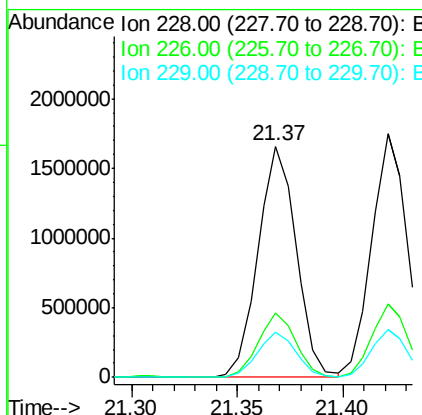
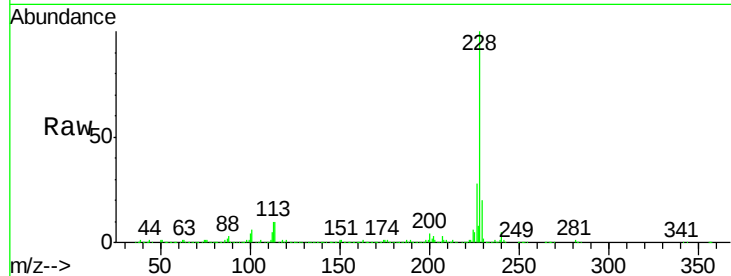
#81
Benzo(a)anthracene
Concen: 32.318 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion:228 Resp: 2093034
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.7 15.9 23.9

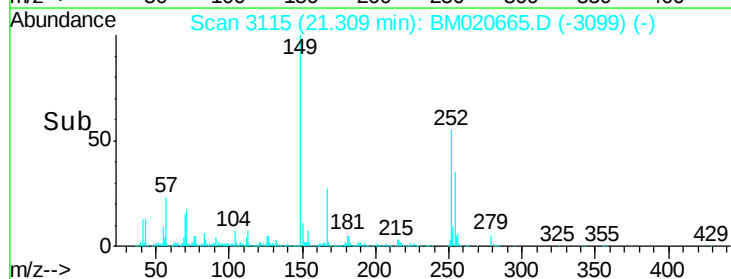
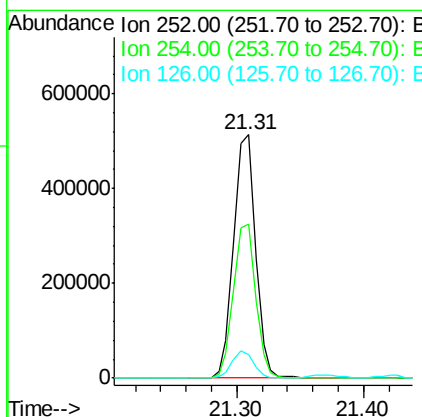
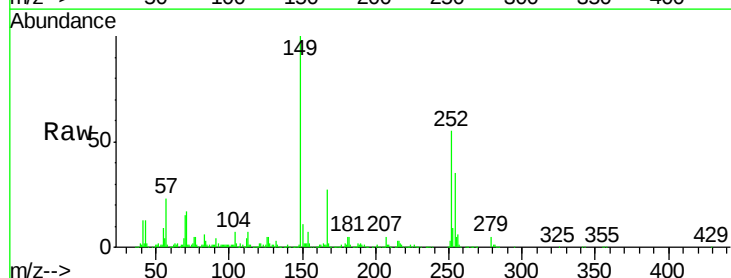
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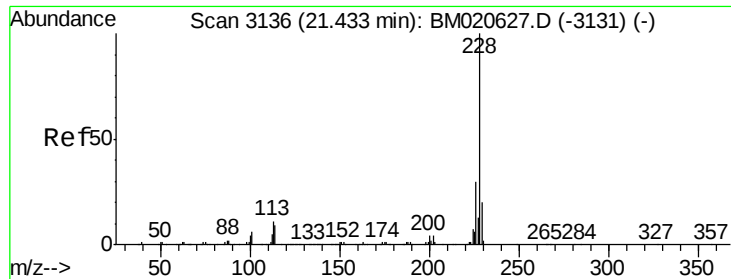
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 25.933 ng
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion:252 Resp: 615028
Ion Ratio Lower Upper
252 100
254 63.1 52.6 78.8
126 9.5 8.0 12.0





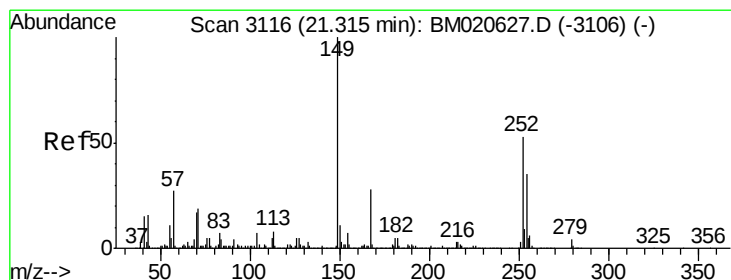
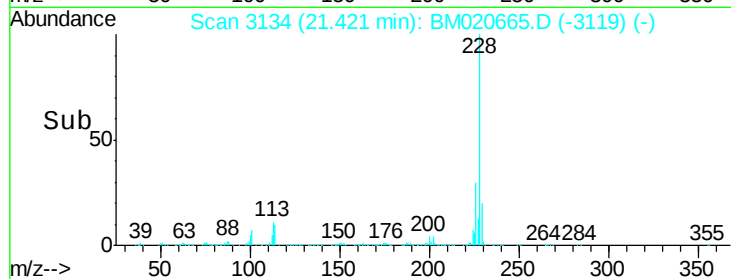
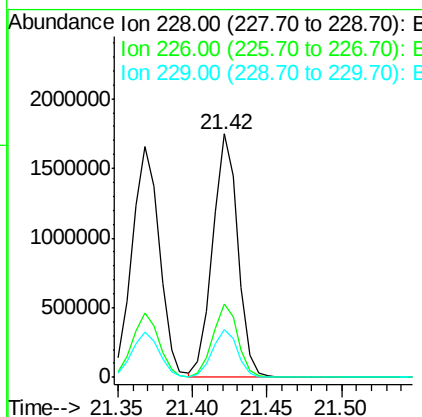
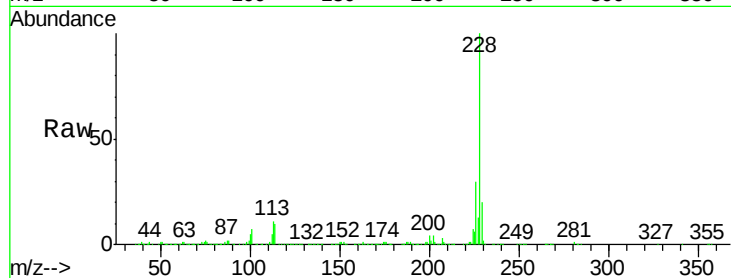
#83
 Chrysene
 Concen: 33.332 ng
 RT: 21.42 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Instrument :
 BNA_M
 ClientSampleId :
 PB120182BS

Tot Ion: 228 Resp: 2052028
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.8 15.8 23.6

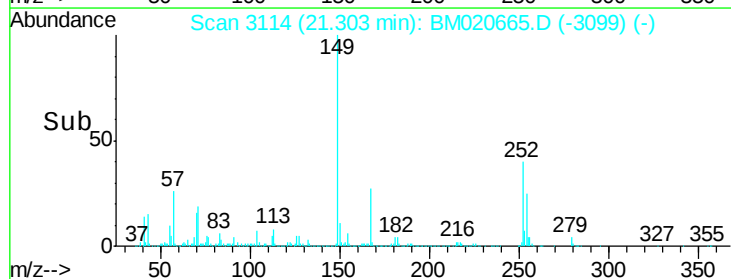
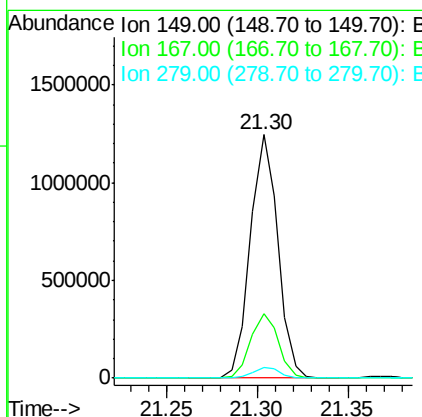
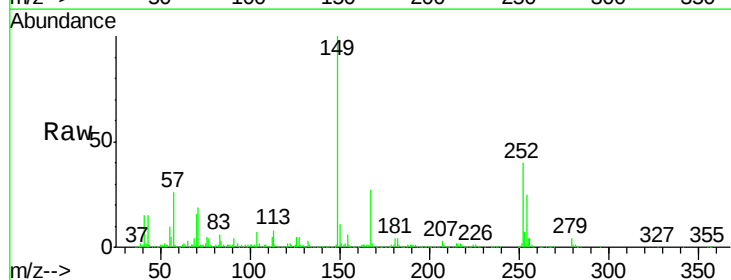
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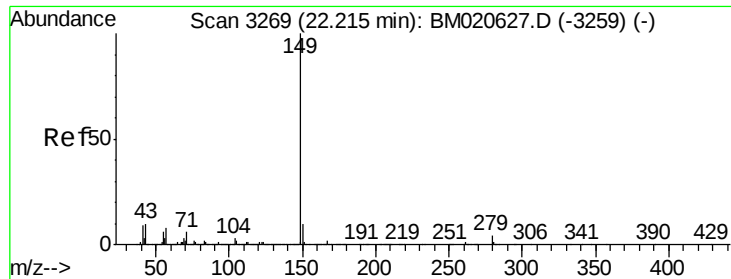
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 29.951 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BM020665.D
 Acq: 03 Jun 2019 11:40

Tgt Ion: 149 Resp: 1312857
 Ion Ratio Lower Upper
 149 100
 167 26.5 22.1 33.1
 279 4.3 3.4 5.0





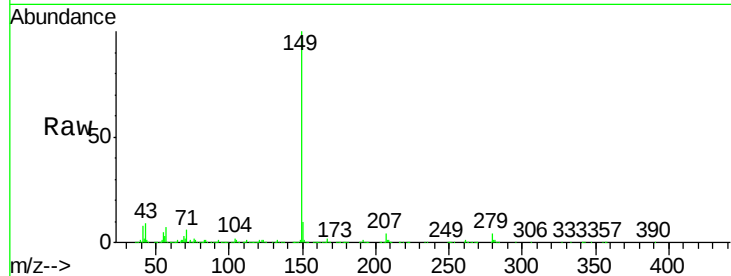
#85
Di-n-octyl phthalate
Concen: 32.082 ng
RT: 22.20 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

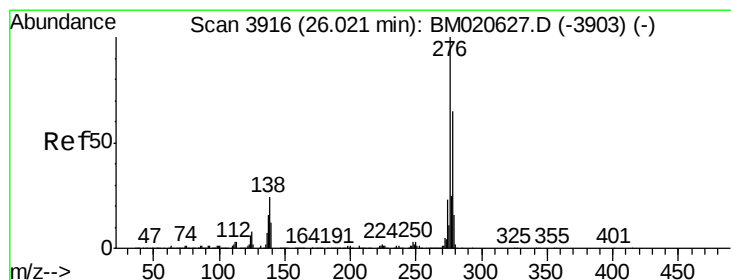
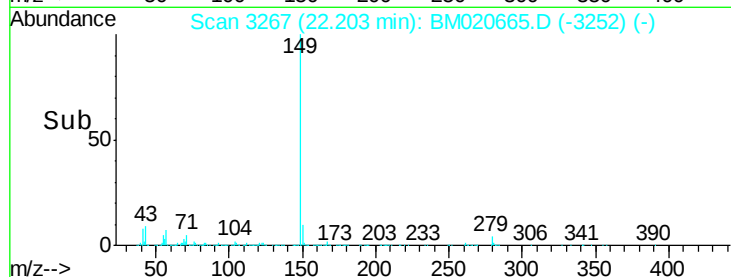
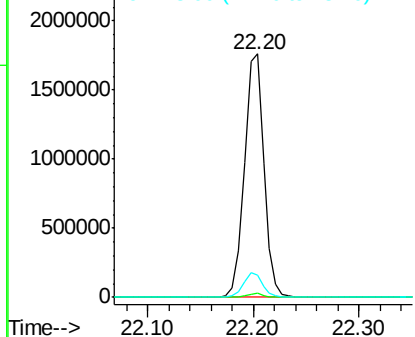
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	8.2	12.4

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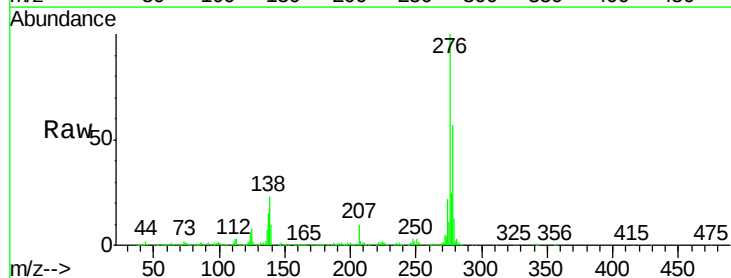


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

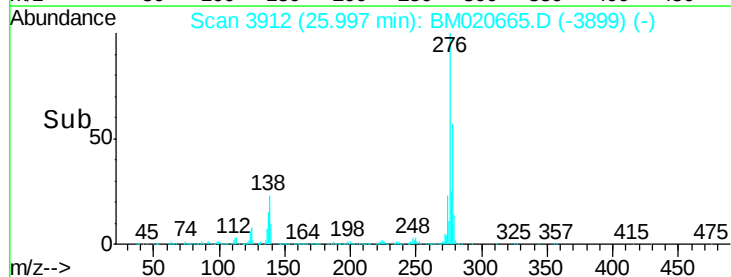
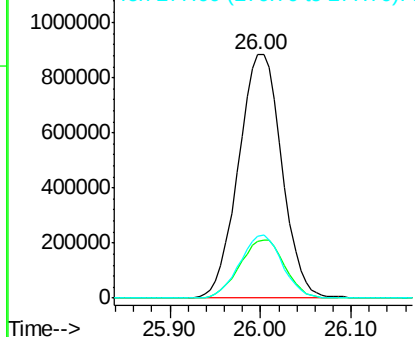


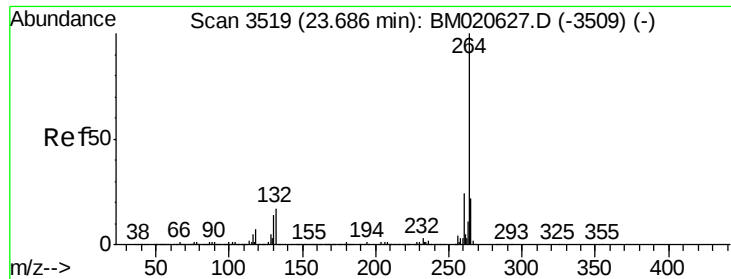
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.470 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.02 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.8
277	25.3	20.2	30.4



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





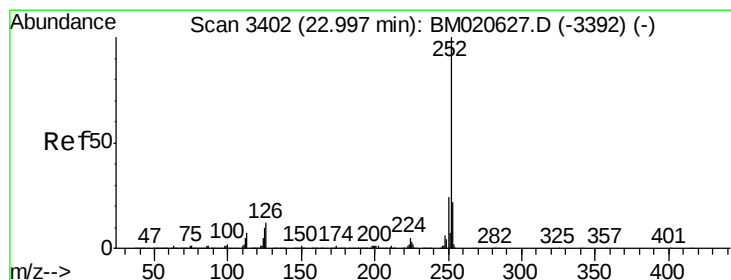
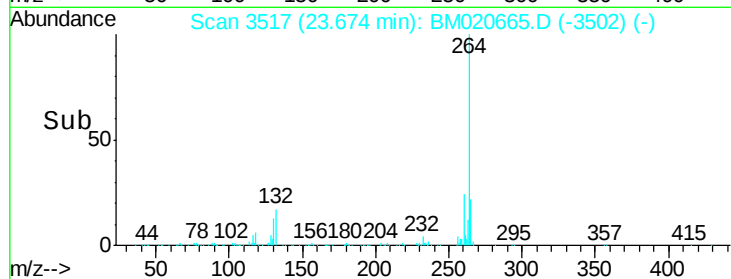
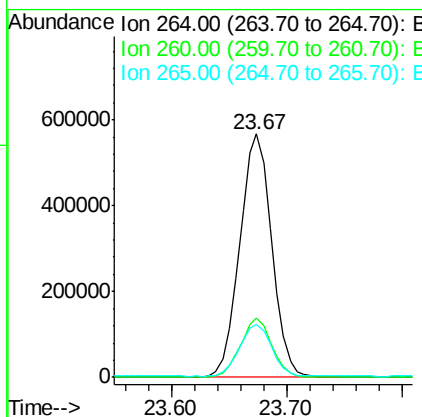
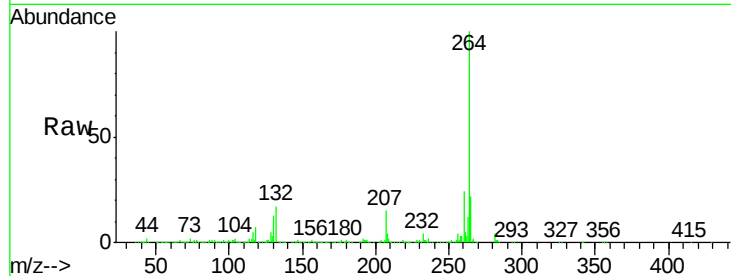
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.0	17.6	26.4

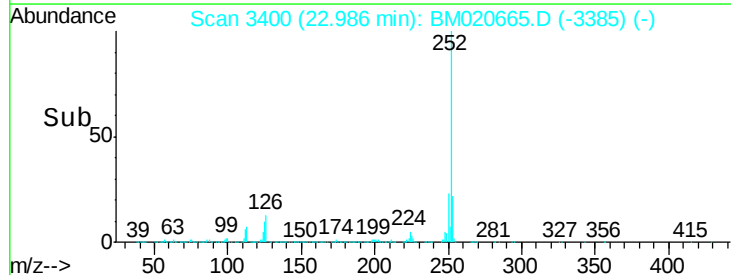
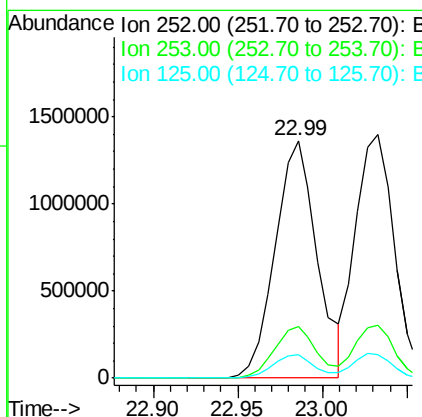
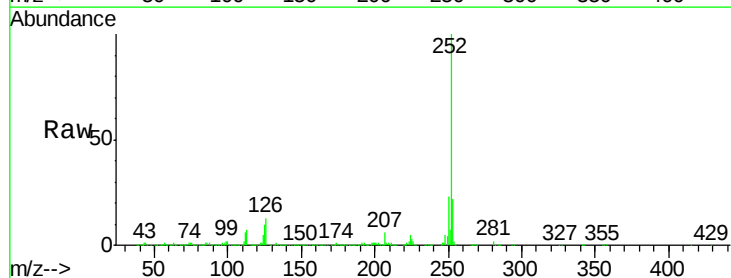
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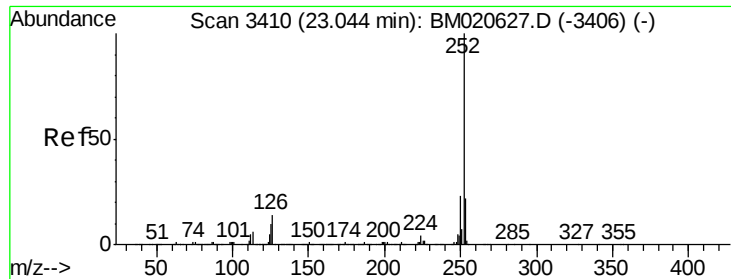
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#88
Benzo(b)fluoranthene
Concen: 32.641 ng
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	9.9	7.8	11.8





#89

Benzo(k)fluoranthene

Concen: 31.540 ng

RT: 23.03 min Scan# 3408

Delta R.T. -0.01 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Instrument :

BNA_M

ClientSampleId :

PB120182BS

Tot Ion:252 Resp: 2222199

Ion Ratio Lower Upper

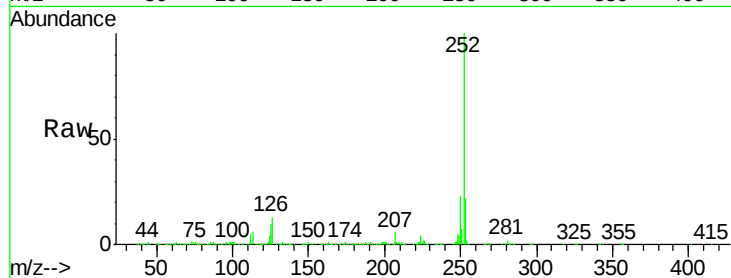
252 100

253 22.0 17.4 26.2

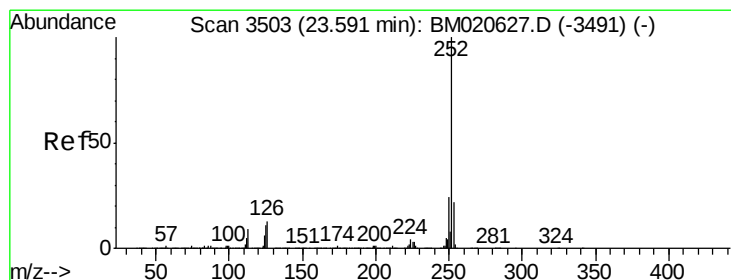
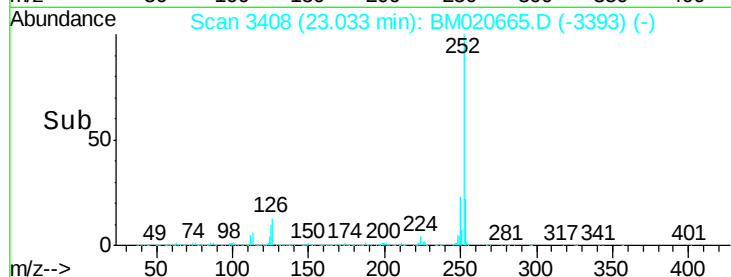
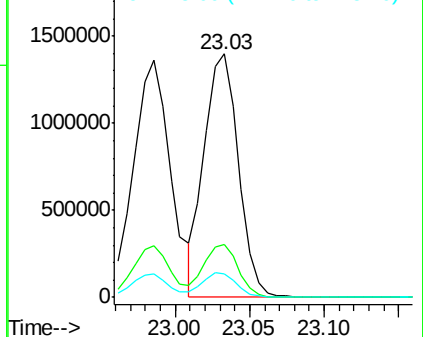
125 9.8 7.8 11.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 34.955 ng

RT: 23.57 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BM020665.D

Acq: 03 Jun 2019 11:40

Tgt Ion:252 Resp: 2285852

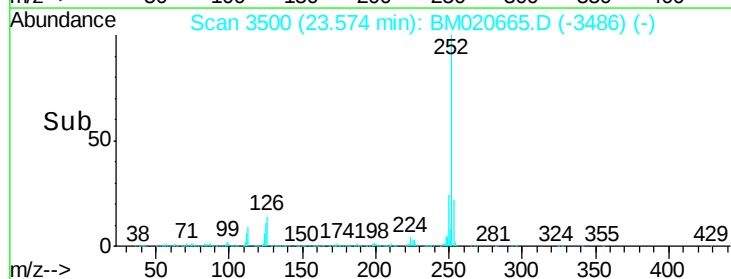
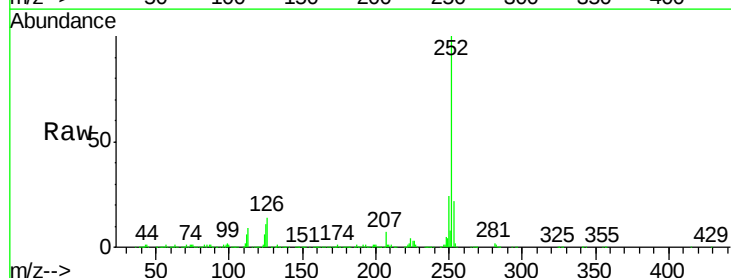
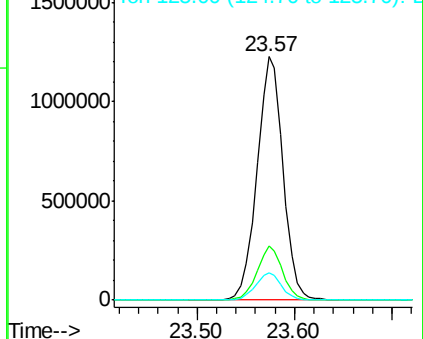
Ion Ratio Lower Upper

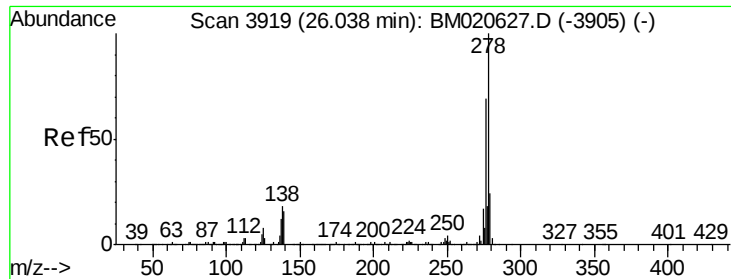
252 100

253 22.0 17.5 26.3

125 11.3 8.6 13.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





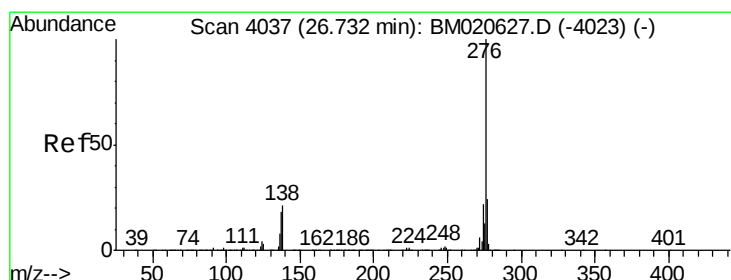
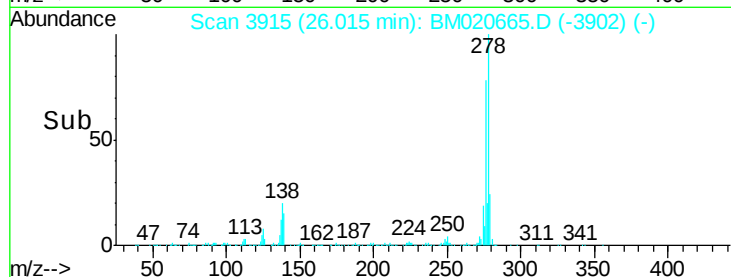
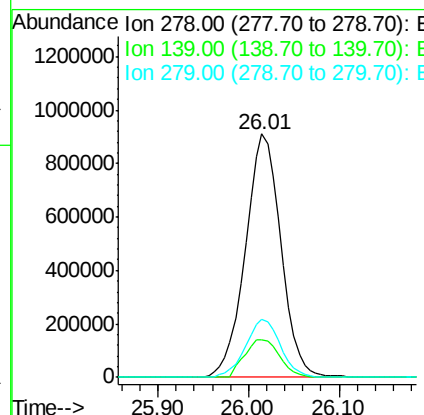
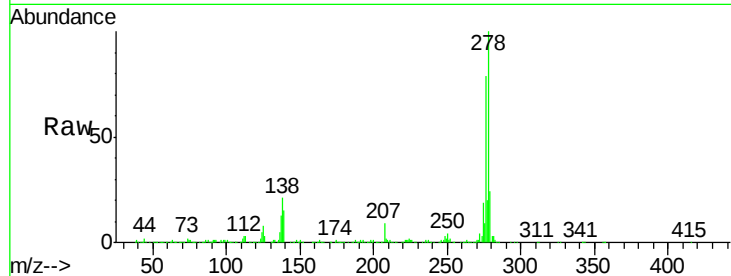
#91
Dibenzo(a,h)anthracene
Concen: 38.930 ng
RT: 26.01 min Scan# 3915
Delta R.T. -0.02 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Instrument :
BNA_M
ClientSampleId :
PB120182BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.6	18.8
279	23.9	19.0	28.6

Manual Integrations
APPROVED

mohammad
6/5/2019 8:45:58 AM



#92
Benzo(g,h,i)perylene
Concen: 40.770 ng
RT: 26.71 min Scan# 4034
Delta R.T. -0.02 min
Lab File: BM020665.D
Acq: 03 Jun 2019 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.2	28.8
138	20.9	17.0	25.4

