

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020698.D
 Acq On : 04 Jun 2019 10:06
 Operator : HP/JU
 Sample : K3139-07MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMS

Manual Integrations
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mohammad
 6/5/2019 8:46:21 AM

Quant Time: Jun 04 13:11:18 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	312696	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1183651	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	617028	20.00	ng	-0.01
64) Phenanthrene-d10	17.21	188	1277414	20.00	ng	0.00
76) Chrysene-d12	21.39	240	1209884	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1389629	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2604804	146.53	ng	0.00
7) Phenol-d6	6.99	99	3517751	134.39	ng	0.00
23) Nitrobenzene-d5	8.99	82	2146138	93.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1192434	155.98	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	4532239	97.65	ng	0.00
79) Terphenyl-d14	19.83	244	6097419	84.30	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	285036	39.164	ng	97
3) Pyridine	3.74	79	833044	35.975	ng	98
4) n-Nitrosodimethylamine	3.66	42	412262	41.301	ng	97
6) Aniline	7.16	93	998920	26.375	ng	98
8) 2-Chlorophenol	7.39	128	977276	44.192	ng	99
9) Benzaldehyde	6.98	77	336004	18.546	ng	96
10) Phenol	7.02	94	1218026	43.181	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	912570	40.595	ng	98
12) 1,3-Dichlorobenzene	7.72	146	1033504	40.664	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1061029	41.065	ng	99
14) 1,2-Dichlorobenzene	8.18	146	1013424	40.304	ng	99
15) Benzyl Alcohol	8.07	79	883190	38.141	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1254206	36.137	ng	100
17) 2-Methylphenol	8.26	107	797358	40.199	ng	98
18) Hexachloroethane	8.90	117	387632	39.185	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	737429	35.048	ng	98
20) 3+4-Methylphenols	8.59	107	1054978	39.092	ng	99
22) Acetophenone	8.65	105	1384973	46.060	ng	# 97
24) Nitrobenzene	9.03	77	1088867	46.688	ng	100
25) Isophorone	9.55	82	1917952	42.205	ng	100
26) 2-Nitrophenol	9.73	139	468553	53.907	ng	99
27) 2,4-Dimethylphenol	9.79	122	821200	50.420	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1180340	42.958	ng	99
29) 2,4-Dichlorophenol	10.26	162	866201	48.069	ng	98
30) 1,2,4-Trichlorobenzene	10.48	180	964369	46.542	ng	99
31) Naphthalene	10.67	128	2834785	46.573	ng	100
32) Benzoic acid	9.88	122	168394m	19.803	ng	
33) 4-Chloroaniline	10.78	127	468355	16.534	ng	96
34) Hexachlorobutadiene	10.95	225	553452	44.517	ng	100
35) Caprolactam	11.57	113	259303m	41.421	ng	
36) 4-Chloro-3-methylphenol	11.90	107	908882	43.381	ng	99
37) 2-Methylnaphthalene	12.28	142	2006463	44.473	ng	99
38) 1-Methylnaphthalene	12.50	142	1909538	44.450	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1014233	50.158	ng	99

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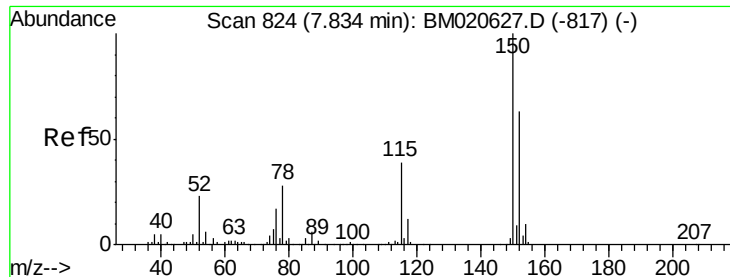
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1147147	94.857	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	654876	50.315	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	695134	51.732	ng	96
46) 1,1'-Biphenyl	13.30	154	2484739	48.217	ng	99
47) 2-Chloronaphthalene	13.33	162	1930368	46.413	ng	99
48) 2-Nitroaniline	13.55	65	576868	44.191	ng	93
49) Acenaphthylene	14.19	152	3041037	46.861	ng	100
50) Dimethylphthalate	13.93	163	2601824	49.356	ng	100
51) 2,6-Dinitrotoluene	14.05	165	502961	46.988	ng	90
52) Acenaphthene	14.53	154	1753668	45.346	ng	99
53) 3-Nitroaniline	14.37	138	331767	27.769	ng	96
54) 2,4-Dinitrophenol	14.57	184	248972	56.420	ng	94
55) Dibenzofuran	14.86	168	2766388	46.057	ng	99
56) 4-Nitrophenol	14.68	139	873186	99.179	ng	92
57) 2,4-Dinitrotoluene	14.83	165	675199	47.111	ng	98
58) Fluorene	15.51	166	2228085	45.108	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	586841	50.119	ng	99
60) Diethylphthalate	15.29	149	2280727	41.949	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	1142246	43.675	ng	95
62) 4-Nitroaniline	15.54	138	528379	41.700	ng	97
63) Azobenzene	15.80	77	2190139	42.018	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	243213	42.974	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1932461	47.257	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	675726	44.928	ng	95
68) Hexachlorobenzene	16.50	284	782400	44.549	ng	97
69) Atrazine	16.67	200	630923	51.695	ng	100
70) Pentachlorophenol	16.85	266	918302	109.602	ng	100
71) Phenanthrene	17.25	178	3364716	46.469	ng	100
72) Anthracene	17.34	178	3471901	47.907	ng	100
73) Carbazole	17.61	167	3128412	47.569	ng	99
74) Di-n-butylphthalate	18.17	149	3771137	44.173	ng	99
75) Fluoranthene	19.26	202	3867835	48.034	ng	100
77) Benzidine	19.45	184	1992720	54.356	ng	100
78) Pyrene	19.63	202	3947766	42.520	ng	100
80) Butylbenzylphthalate	20.53	149	1726033	43.991	ng	95
81) Benzo(a)anthracene	21.37	228	3755492	44.573	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	977279	31.675	ng	99
83) Chrysene	21.42	228	3745463	46.766	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	2437882	42.751	ng	99
85) Di-n-octyl phthalate	22.19	149	4226848	46.687	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	4940360	60.296	ng	99
88) Benzo(b)fluoranthene	22.98	252	4081013	44.433	ng	99
89) Benzo(k)fluoranthene	23.03	252	4029930	44.898	ng	99
90) Benzo(a)pyrene	23.57	252	4018005	48.230	ng	99
91) Dibenzo(a,h)anthracene	26.02	278	4191528	51.860	ng	99
92) Benzo(g,h,i)perylene	26.72	276	4033878	53.733	ng	99

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



#1

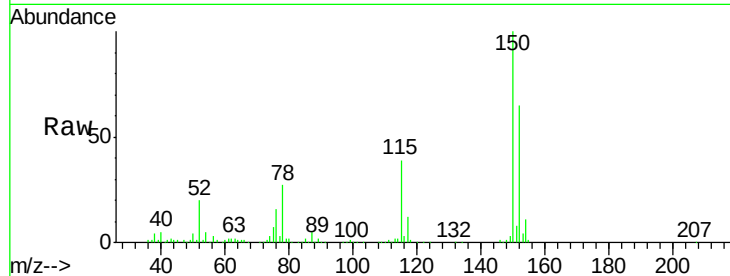
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.0	189.0
115	59.8	49.6	74.4

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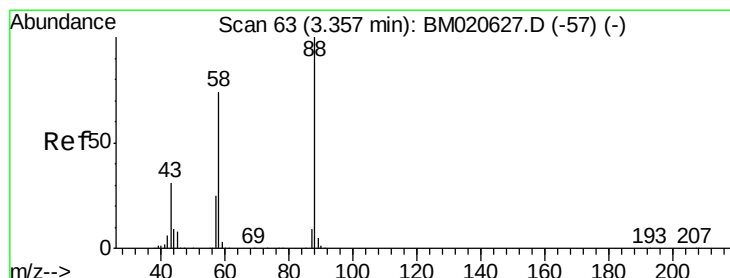
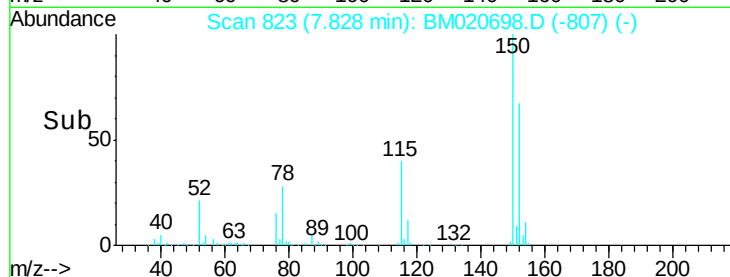
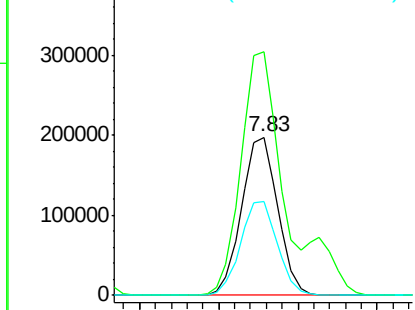


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

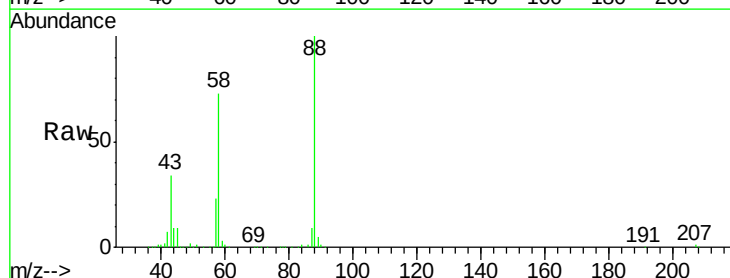
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.164 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	60.2	90.4
43	29.4	25.3	37.9

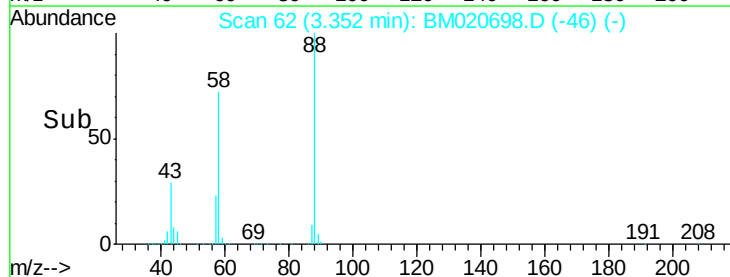
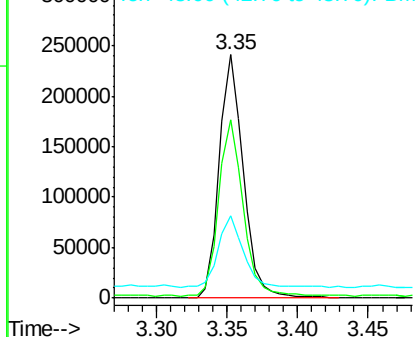


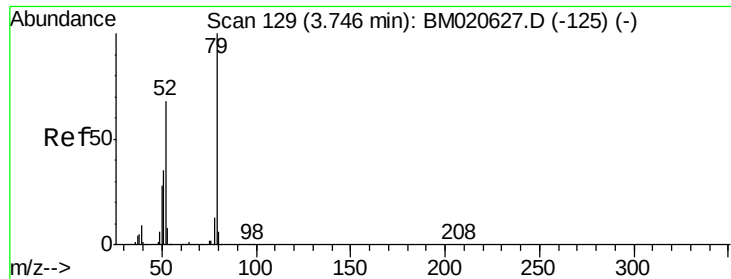
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





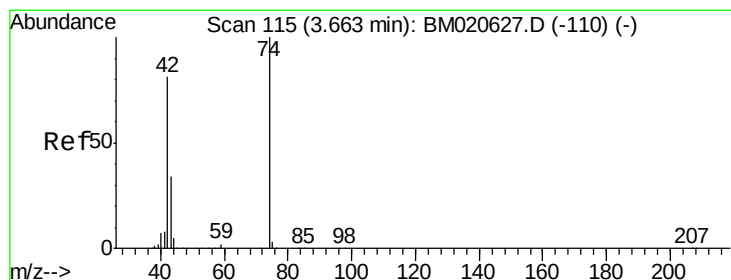
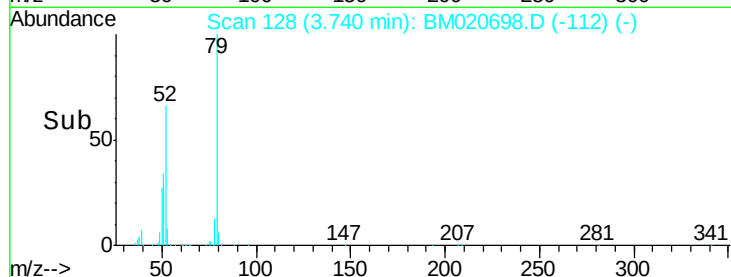
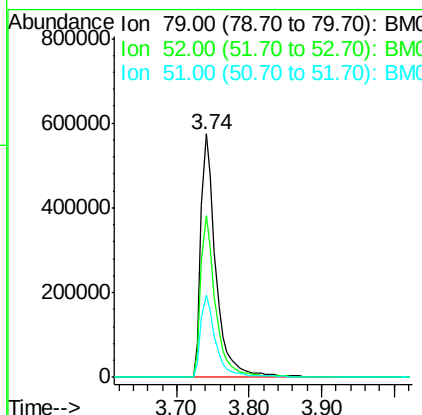
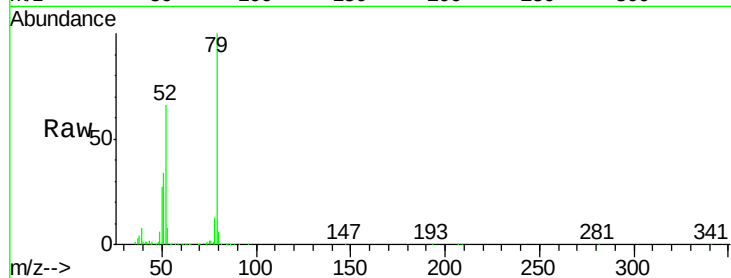
#3
 Pvridine
 Concen: 35.975 ng
 RT: 3.74 min Scan# 128
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	833044		
52	52	66.4		54.1	81.1
51	51	33.9		28.6	42.8

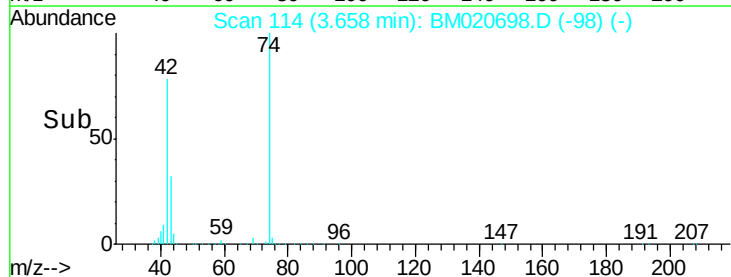
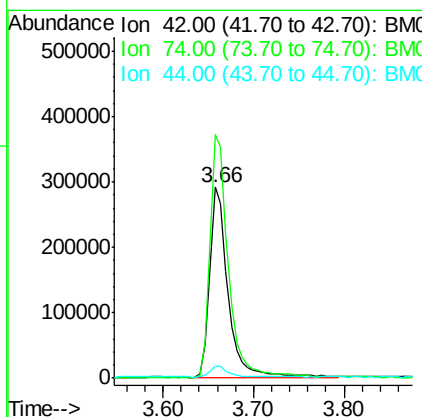
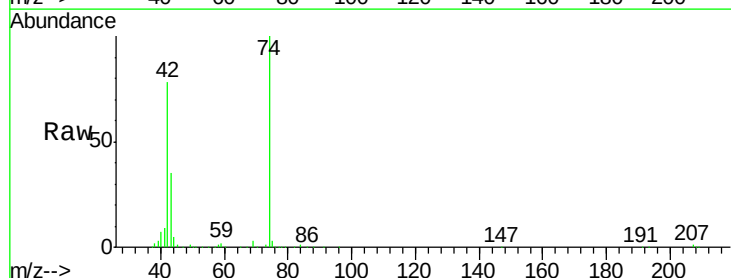
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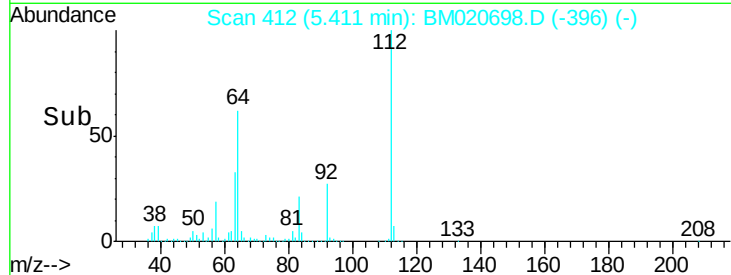
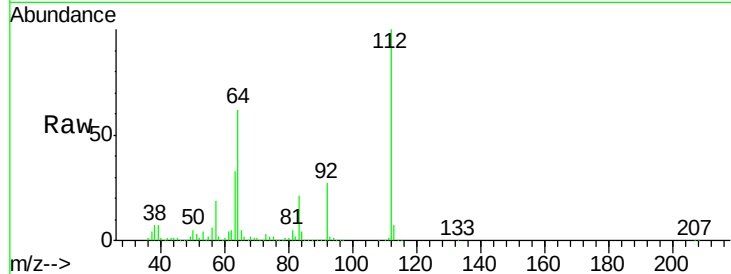
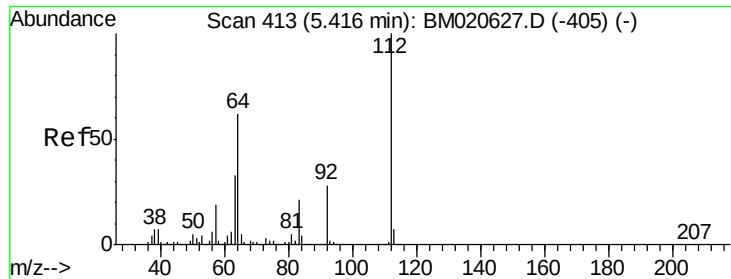
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#4
 n-Nitrosodimethylamine
 Concen: 41.301 ng
 RT: 3.66 min Scan# 114
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	412262		
74	74	127.8		99.4	149.0
44	44	6.6		5.8	8.8





#5

2-Fluorophenol

Concen: 146.533 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tot Ion:	112	Resp:	2604804
Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.7	74.5
63	32.5	26.4	39.6

Instrument :

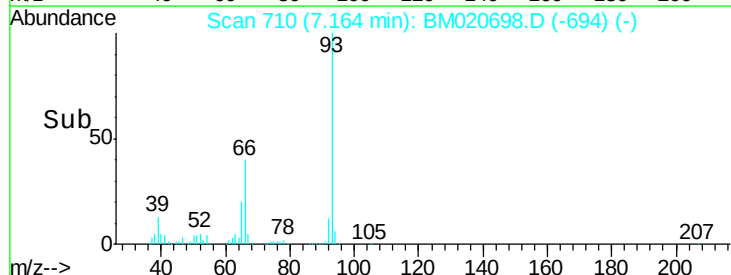
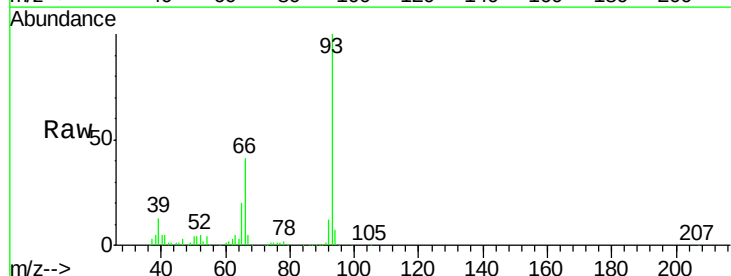
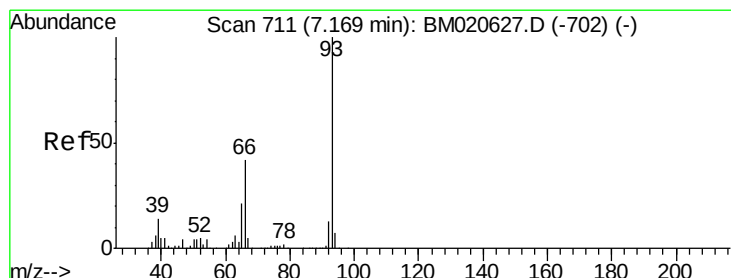
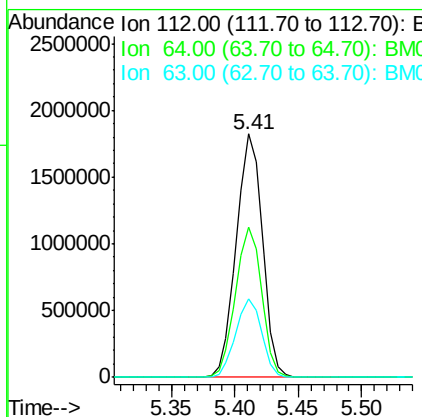
BNA_M

ClientSampleId :

TP-1A-DMS

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#6

Aniline

Concen: 26.375 ng

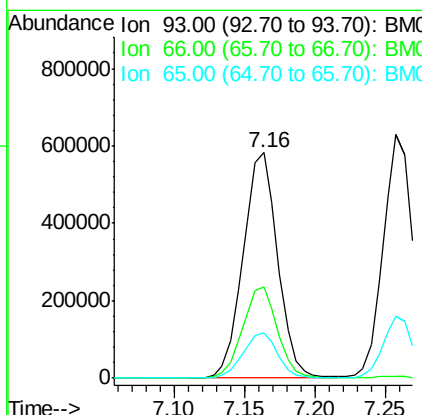
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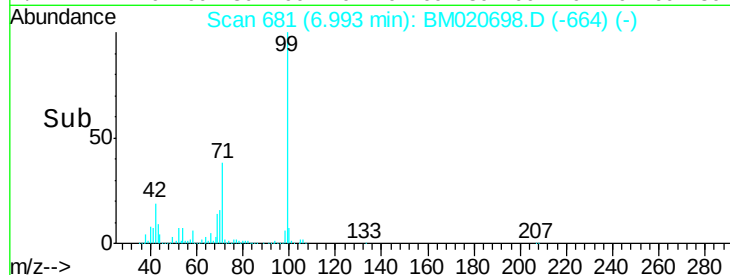
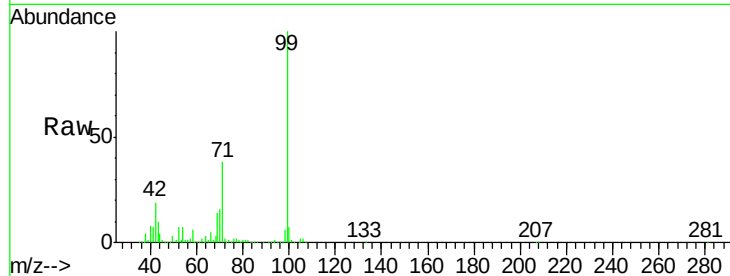
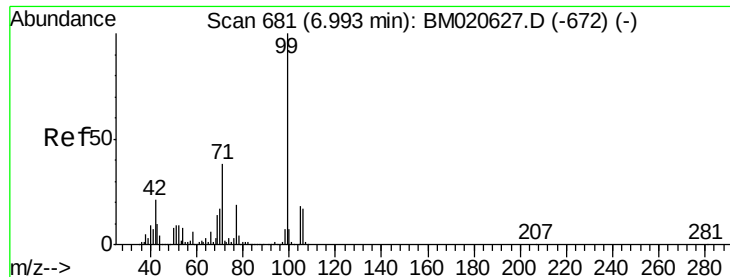
Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tgt Ion:	93	Resp:	998920
Ion	Ratio	Lower	Upper
93	100		
66	40.5	33.6	50.4
65	20.1	16.7	25.1





#7

Phenol-d6

Concen: 134.394 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tot Ion: 99 Resp: 3517751

Ion Ratio Lower Upper

99 100

42 19.2 16.5 24.7

71 37.7 30.7 46.1

Instrument :

BNA_M

ClientSampled :

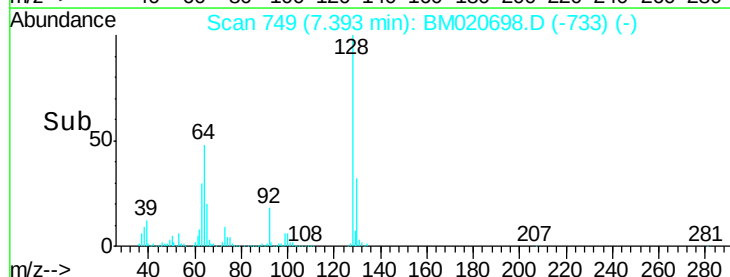
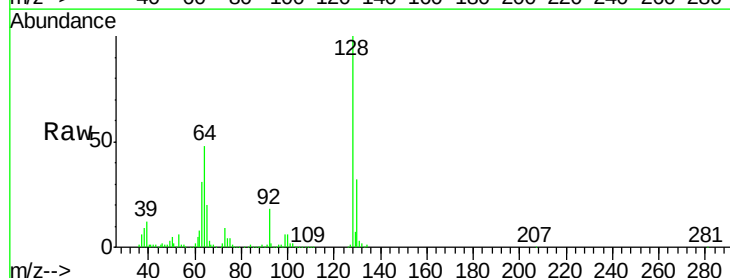
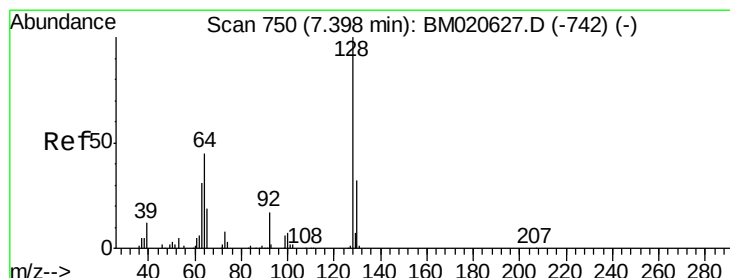
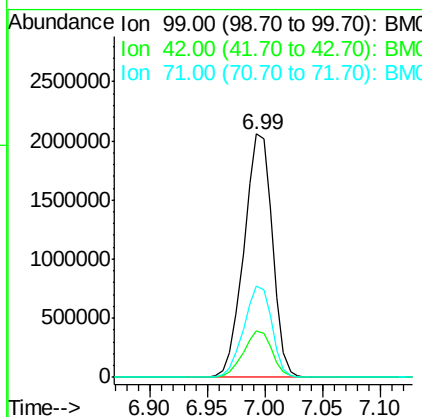
TP-1A-DMS

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#8

2-Chlorophenol

Concen: 44.192 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

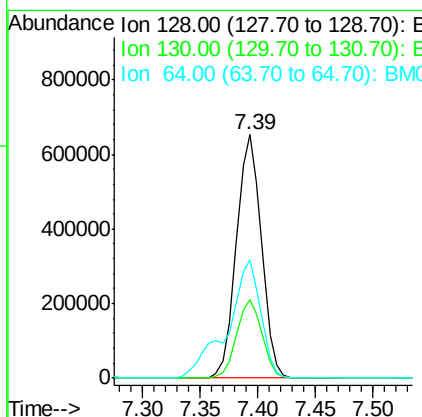
Tgt Ion: 128 Resp: 977276

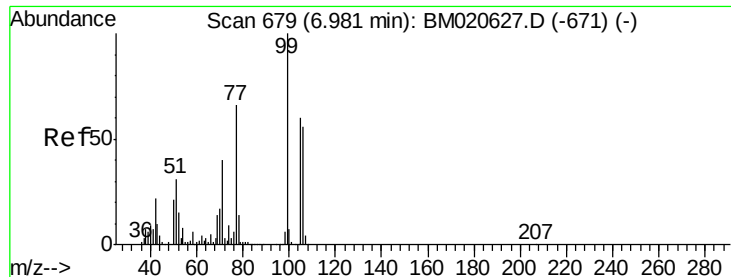
Ion Ratio Lower Upper

128 100

130 32.4 12.2 52.2

64 48.3 29.1 69.1





#9

Benzaldehyde

Concen: 18.546 ng

RT: 6.98 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

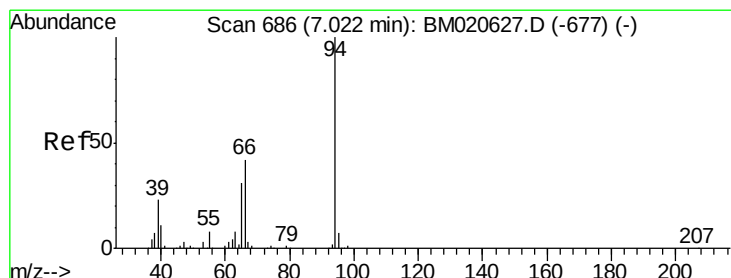
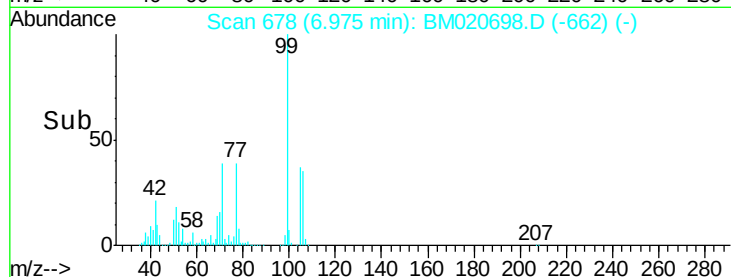
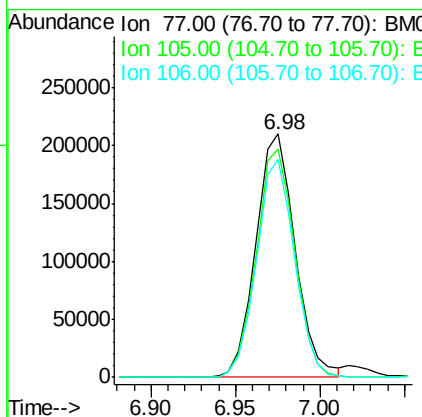
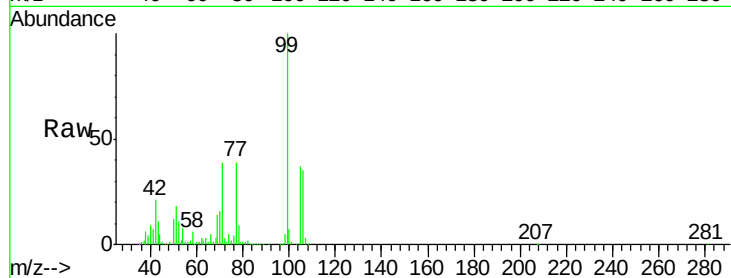
ClientSampled :

TP-1A-DMS

Tot Ion:	77	Resp:	336004
Ion	Ratio	Lower	Upper
77	100		
105	93.7	70.6	110.6
106	89.3	64.9	104.9

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#10

Phenol

Concen: 43.181 ng

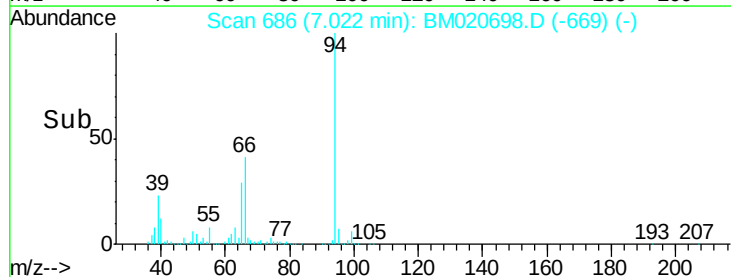
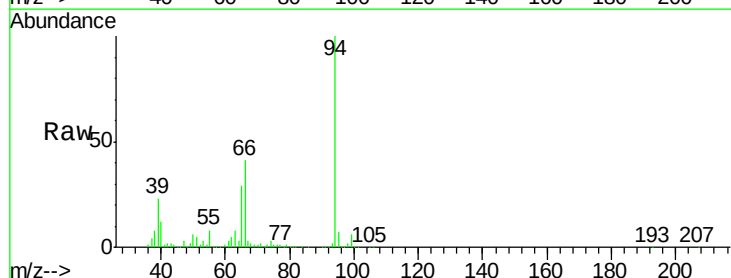
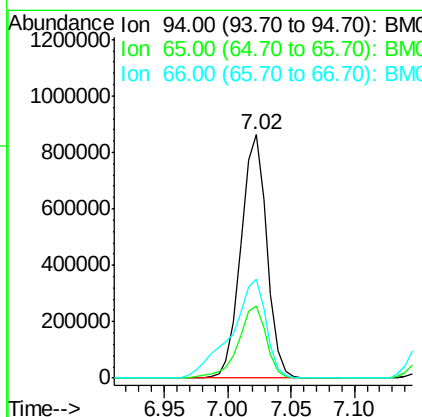
RT: 7.02 min Scan# 686

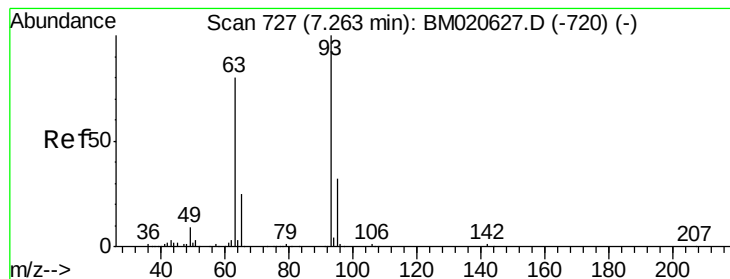
Delta R.T. 0.00 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tgt Ion:	94	Resp:	1218026
Ion	Ratio	Lower	Upper
94	100		
65	29.4	10.7	50.7
66	40.8	22.3	62.3





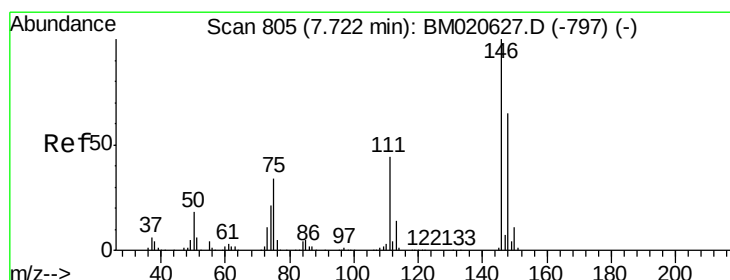
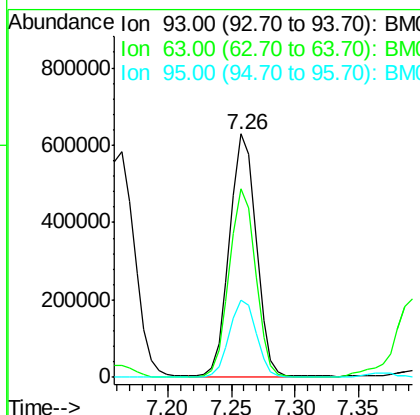
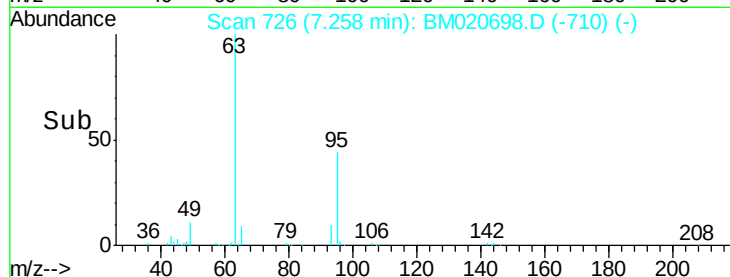
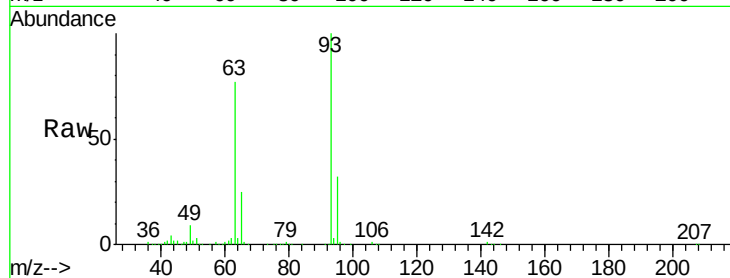
#11
bis(2-Chloroethyl)ether
Concen: 40.595 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	912570		
63	77.2	60.0	100.0	
95	31.9	12.2	52.2	

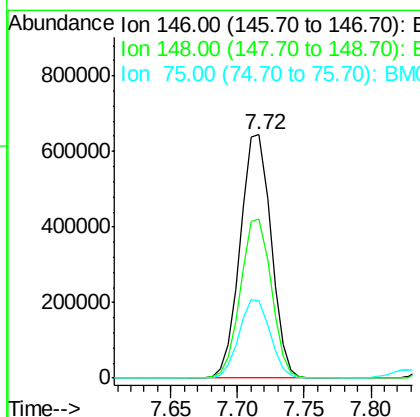
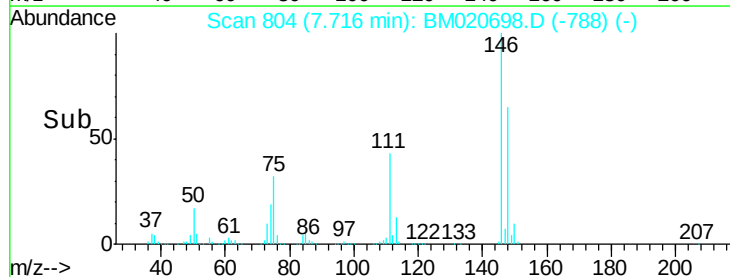
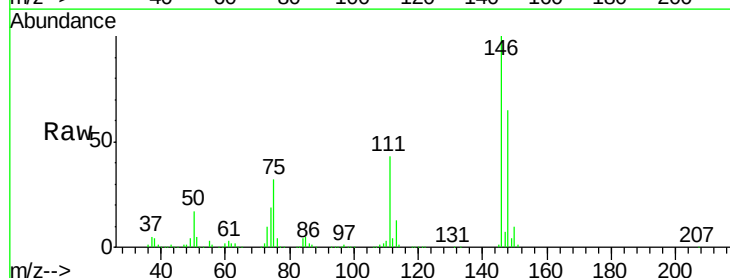
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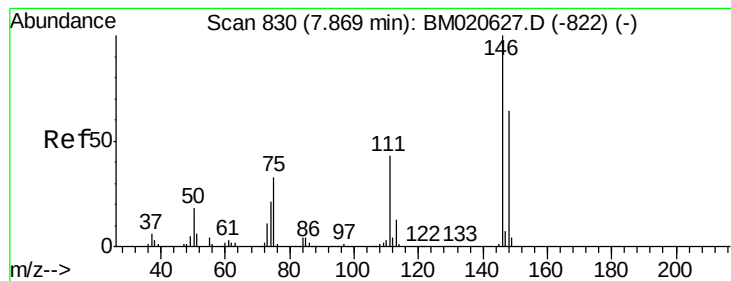
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.664 ng
RT: 7.72 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1033504		
148	65.5	52.0	78.0	
75	31.7	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 41.065 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMS

Tot Ion:146 Resp: 1061029

Ion Ratio Lower Upper

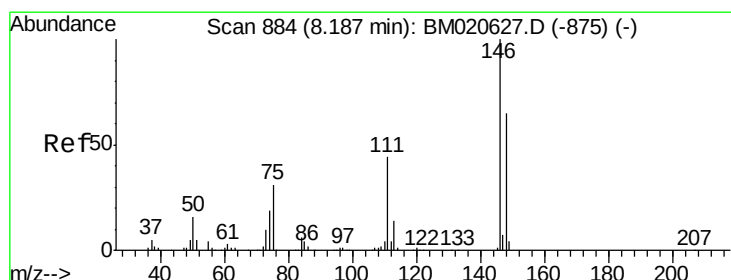
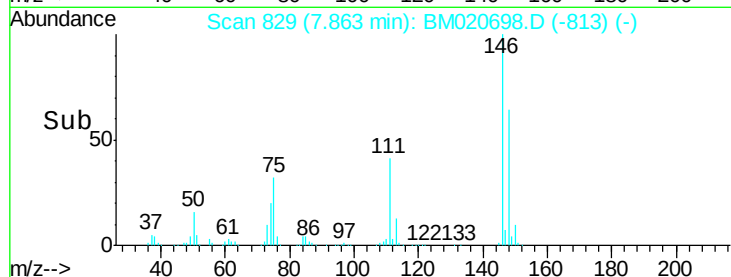
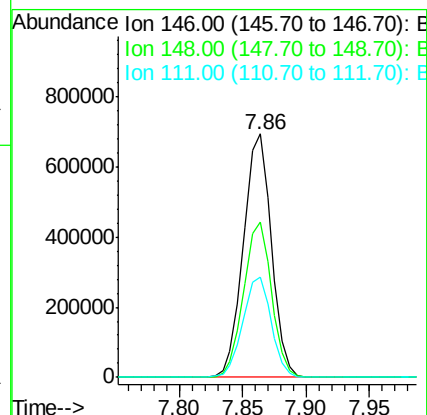
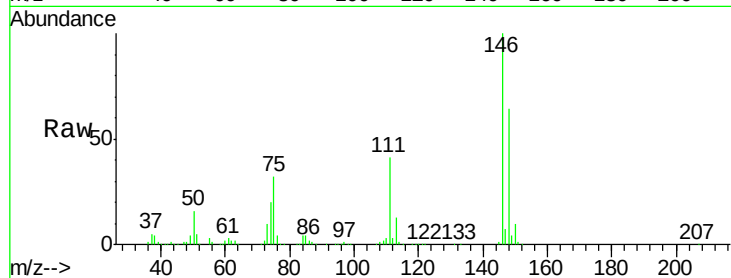
146 100

148 63.6 51.0 76.4

111 41.0 34.4 51.6

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#14

1,2-Dichlorobenzene

Concen: 40.304 ng

RT: 8.18 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

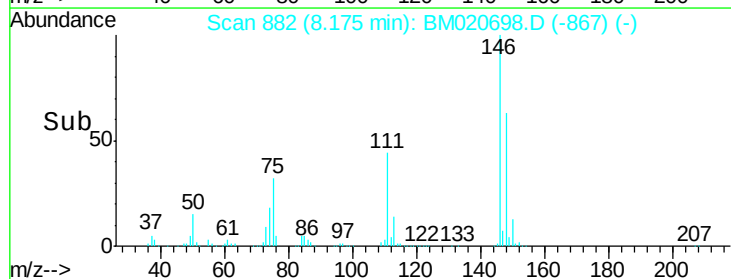
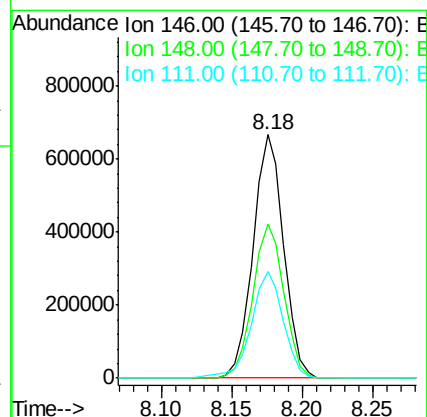
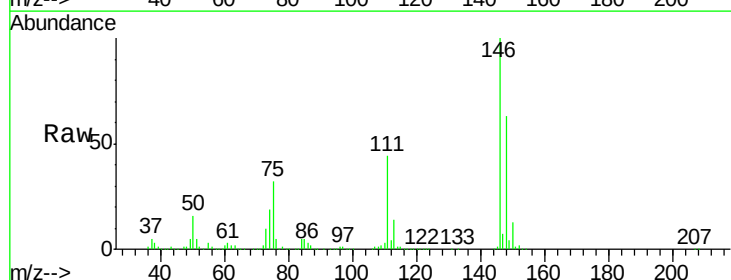
Tgt Ion:146 Resp: 1013424

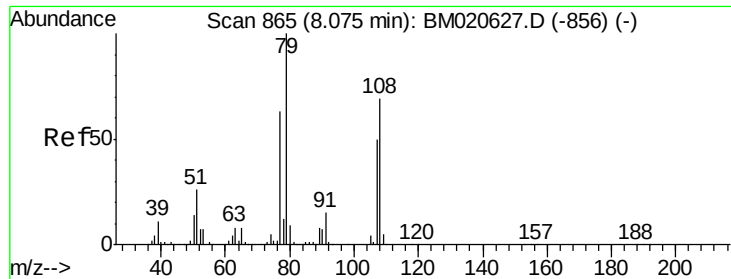
Ion Ratio Lower Upper

146 100

148 63.2 51.8 77.8

111 43.6 35.1 52.7





#15

Benzyl Alcohol

Concen: 38.141 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

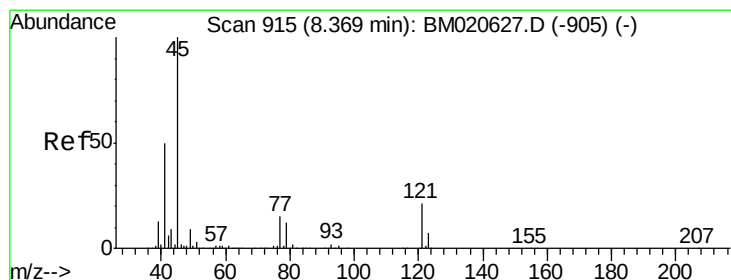
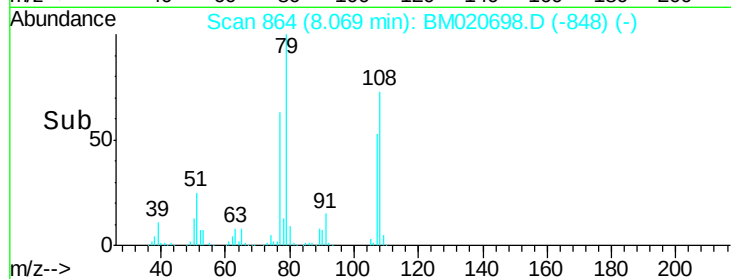
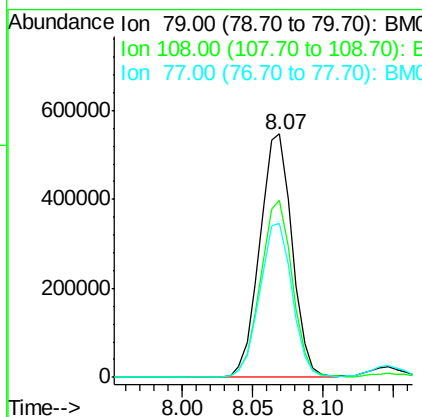
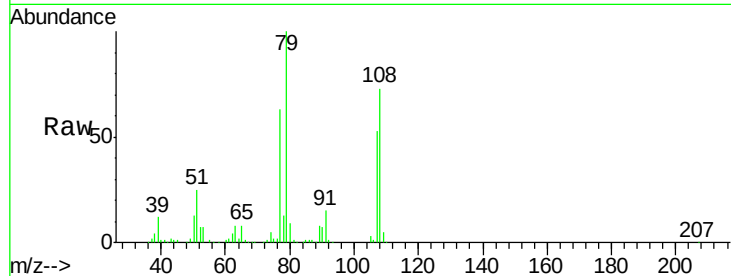
ClientSampleId :

TP-1A-DMS

Tot Ion:	79	Resp:	883190
Ion Ratio	Lower	Upper	
79	100		
108	72.8	54.9	82.3
77	63.0	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.137 ng

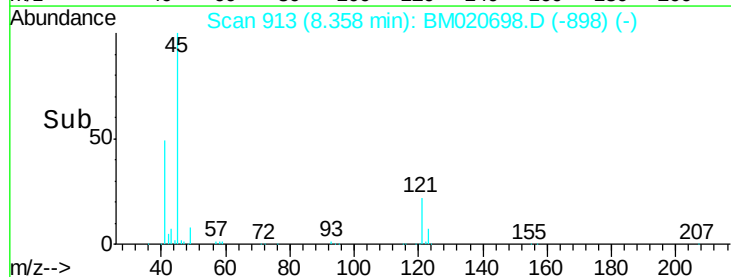
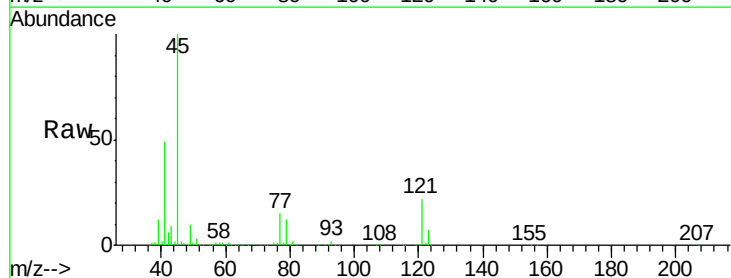
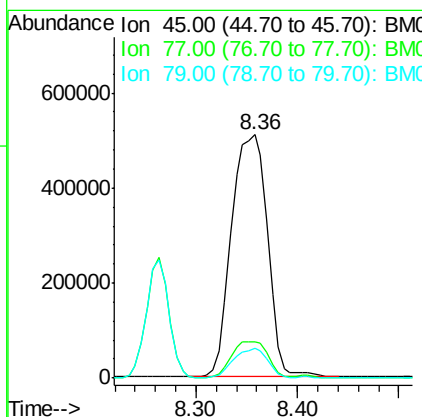
RT: 8.36 min Scan# 913

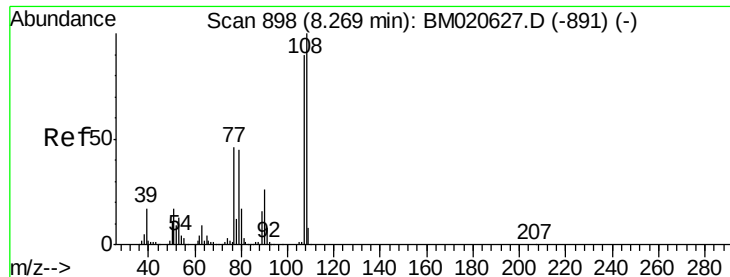
Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tgt Ion:	45	Resp:	1254206
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	34.9
79	12.1	0.0	31.8





#17

2-Methylphenol

Concen: 40.199 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

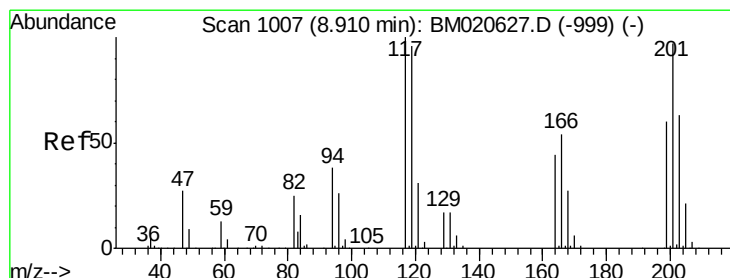
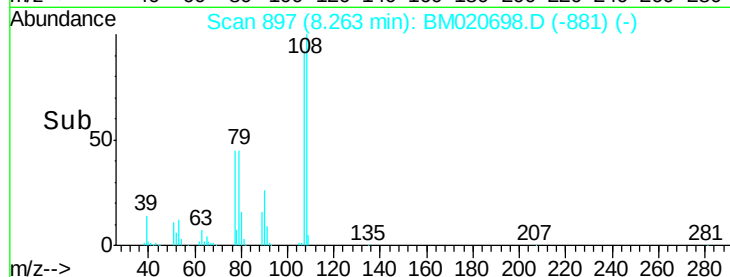
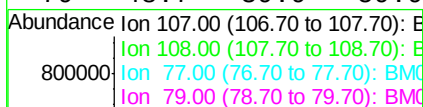
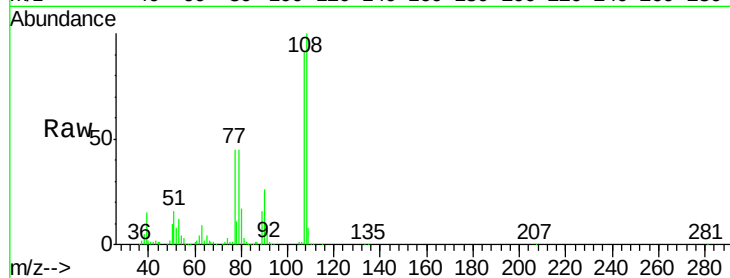
ClientSampleId :

TP-1A-DMS

Tot Ion	107	Resp	797358
Ion Ratio	Lower	Upper	
107	100		
108	109.3	88.6	133.0
77	49.3	40.6	61.0
79	48.7	39.9	59.9

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#18

Hexachloroethane

Concen: 39.185 ng

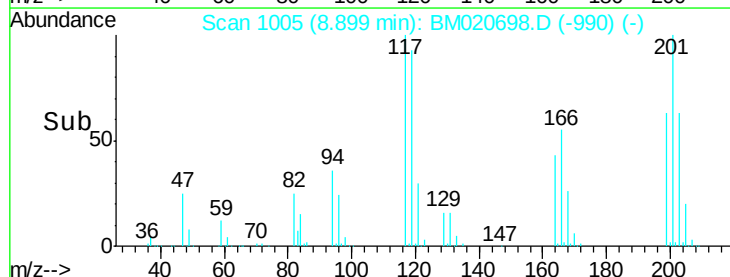
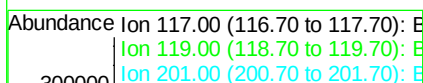
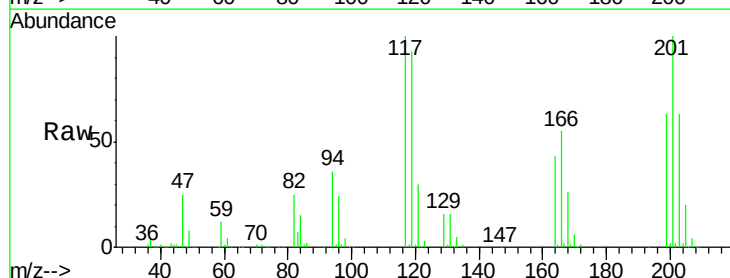
RT: 8.90 min Scan# 1005

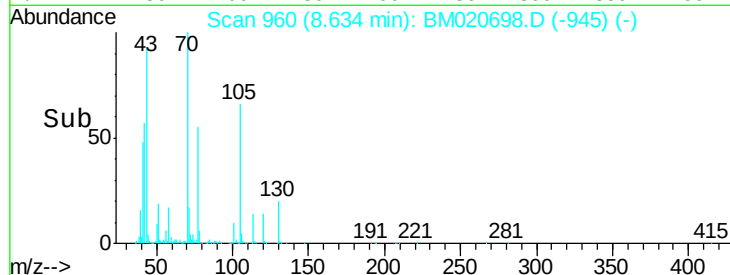
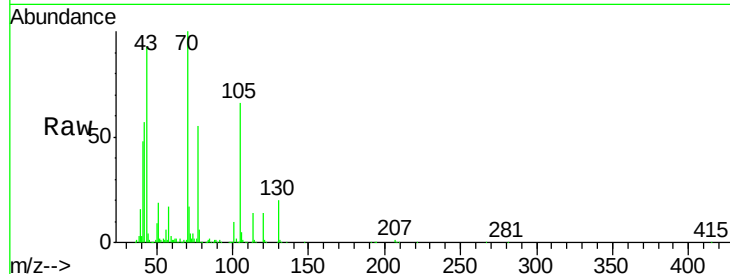
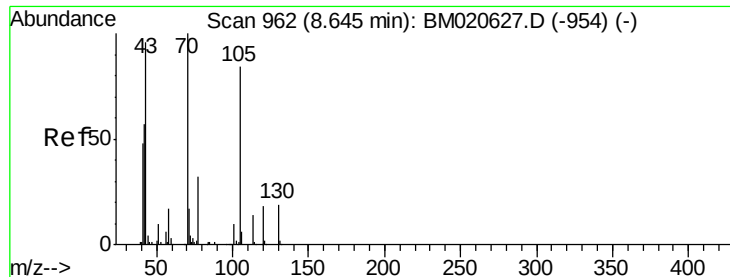
Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tgt Ion	117	Resp	387632
Ion Ratio	Lower	Upper	
117	100		
119	93.9	76.7	115.1
201	100.4	77.9	116.9





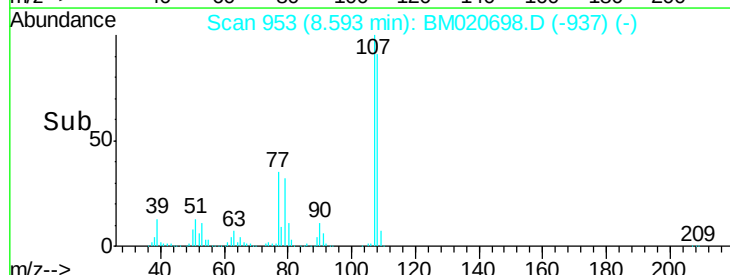
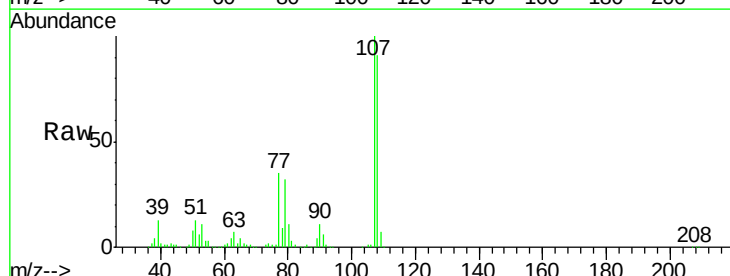
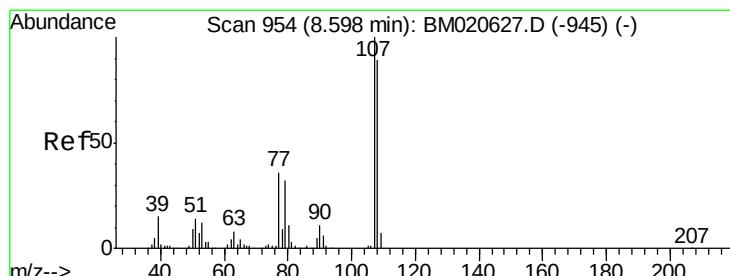
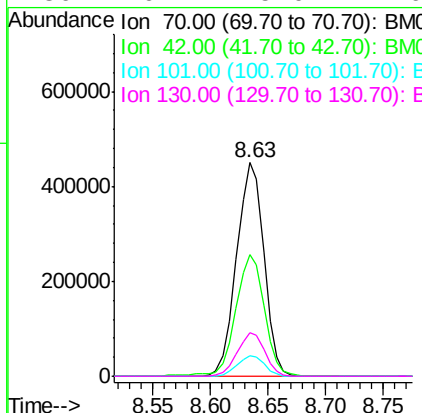
#19
n-Nitroso-di-n-propylamine
Concen: 35.048 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.2	46.8	70.2
101	9.6	7.8	11.6
130	20.1	15.0	22.6

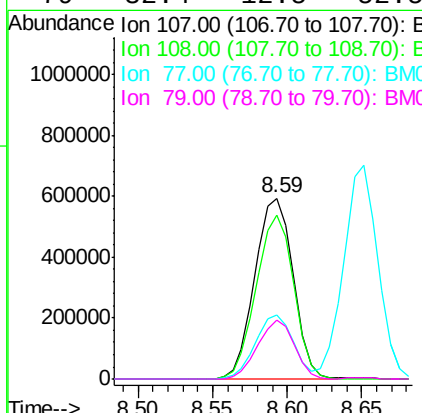
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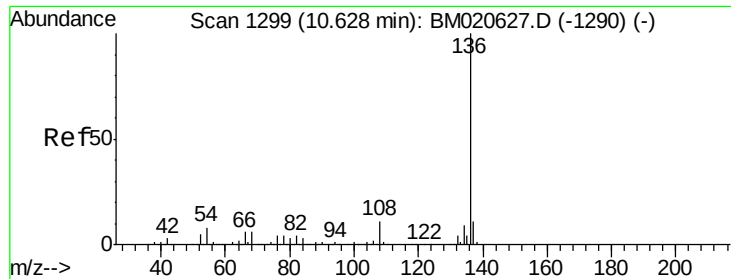
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#20
3+4-Methylphenols
Concen: 39.092 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.6	69.2	109.2
77	35.3	16.2	56.2
79	32.4	12.5	52.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

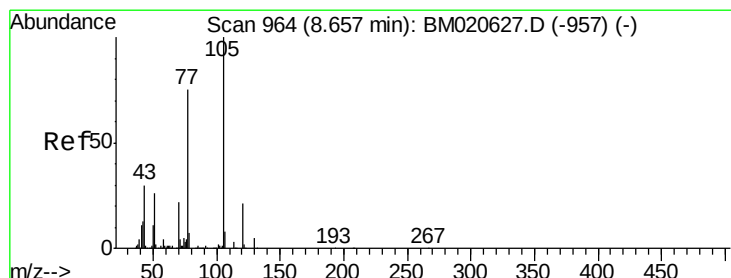
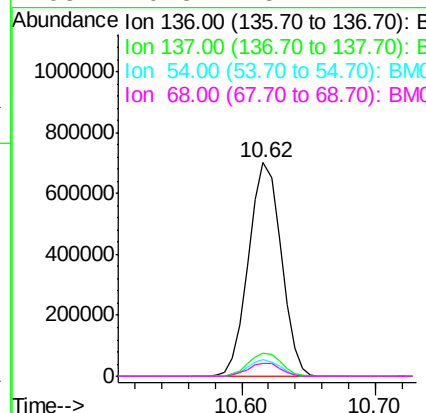
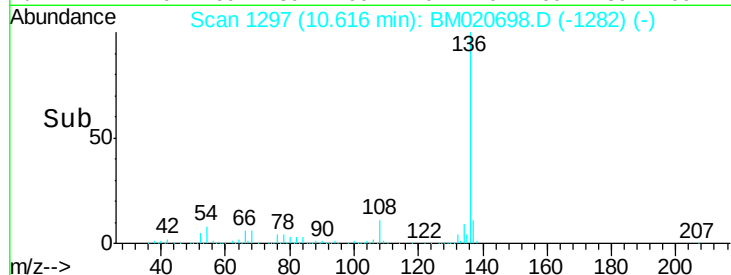
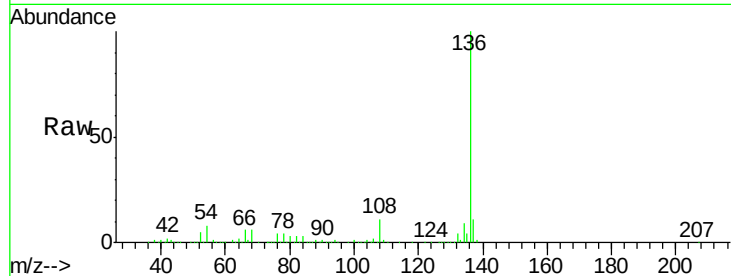
ClientSampleId :

TP-1A-DMS

Tot Ion	136	Resp	1183651
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.9	6.6	10.0
68	6.3	5.1	7.7

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#22

Acetophenone

Concen: 46.060 ng

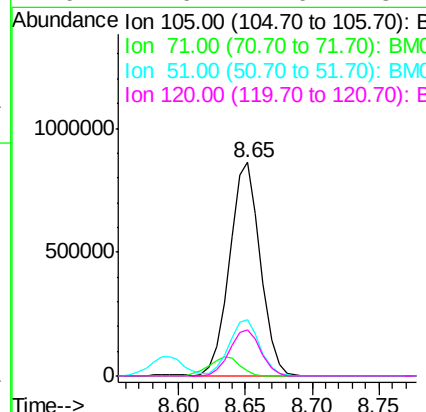
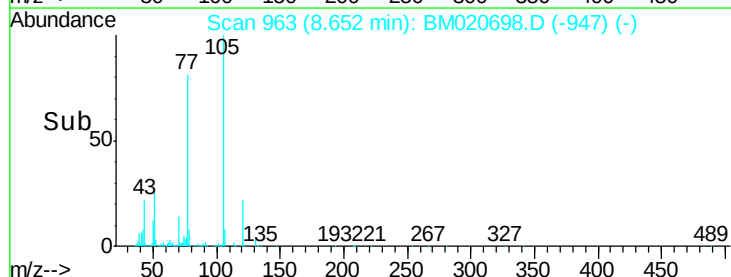
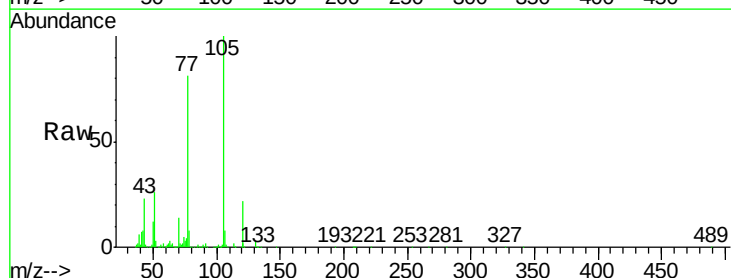
RT: 8.65 min Scan# 963

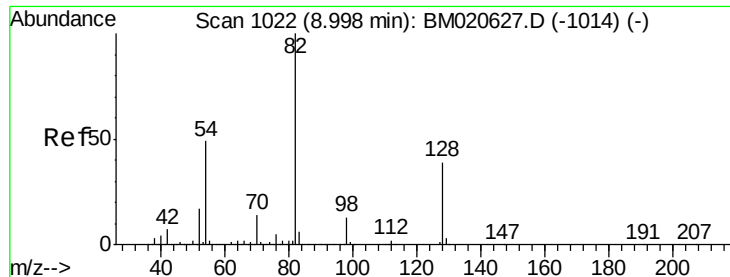
Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tgt Ion	105	Resp	1384973
Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.2	4.8#
51	26.4	22.8	34.2
120	21.6	17.0	25.4





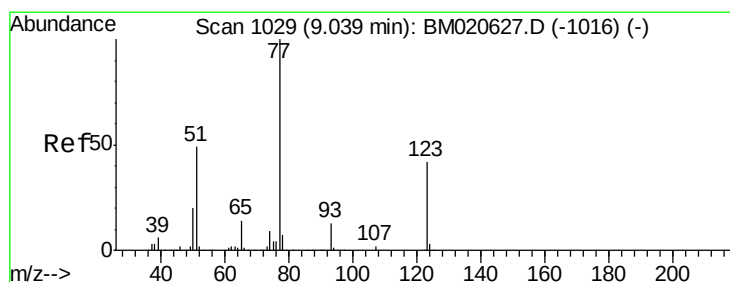
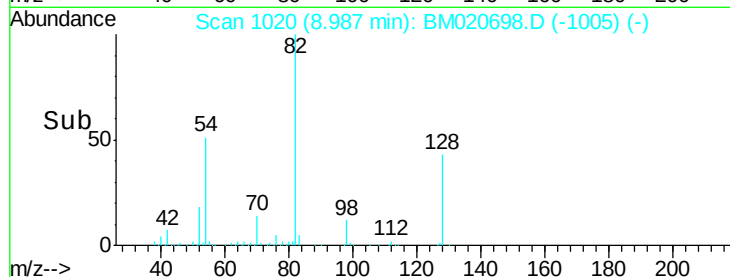
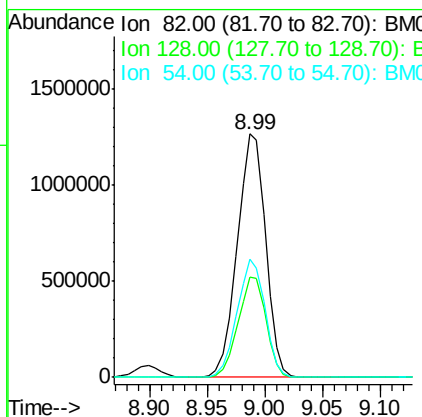
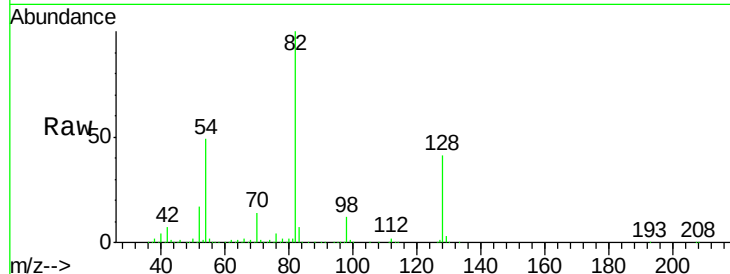
#23
Nitrobenzene-d5
Concen: 93.943 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	82	Resp	2146138
Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.5	47.3
54	48.7	39.4	59.0

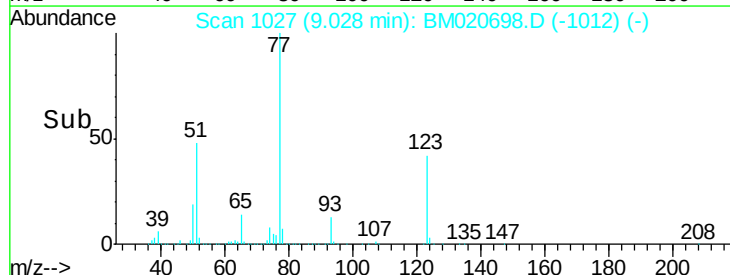
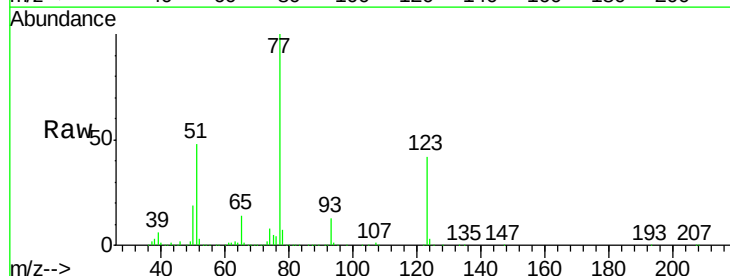
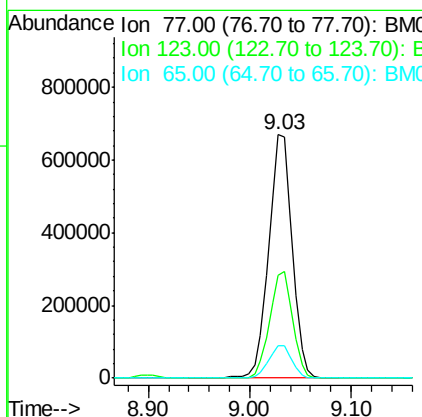
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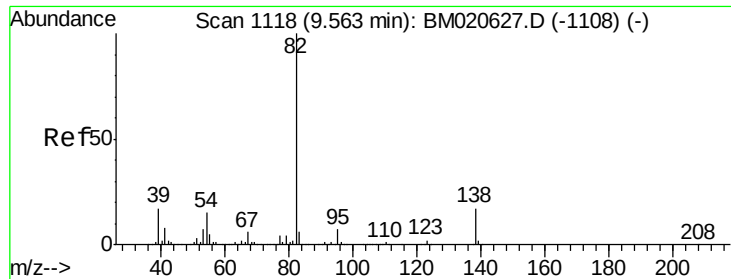
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#24
Nitrobenzene
Concen: 46.688 ng
RT: 9.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	77	Resp	1088867
Ion	Ratio	Lower	Upper
77	100		
123	42.2	33.7	50.5
65	13.5	11.0	16.6





#25

Isophorone

Concen: 42.205 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMS

Tot Ion: 82 Resp: 1917952

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

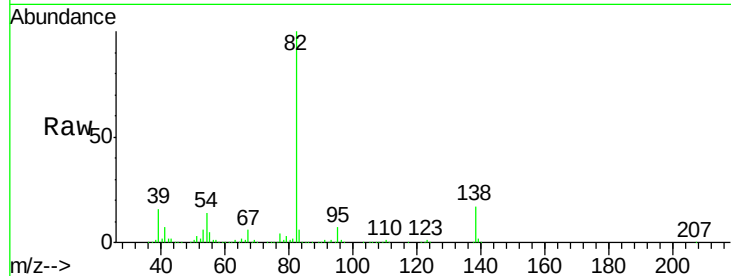
138 17.5 13.8 20.8

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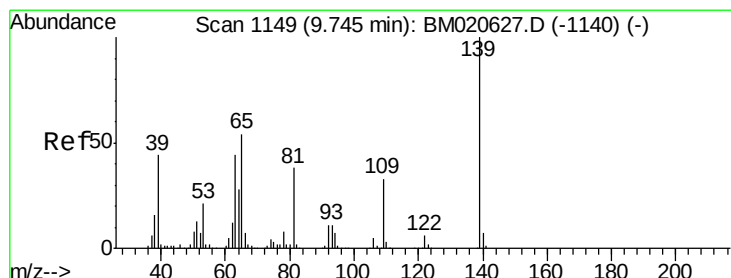
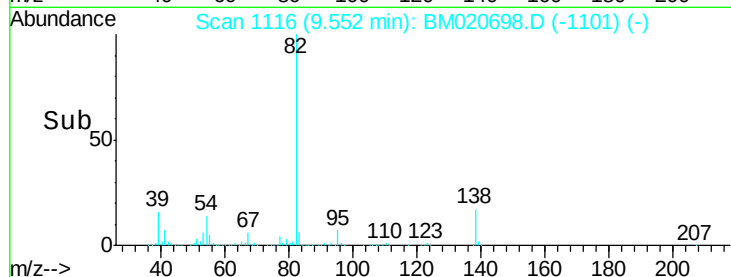
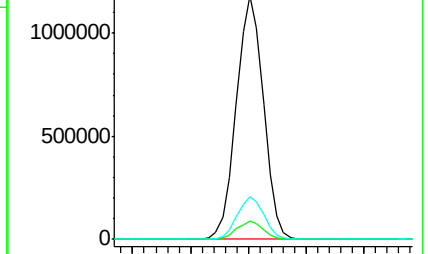
6/5/2019 8:46:21 AM



Abundance Ion 82.00 (81.70 to 82.70): BM020627.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020627.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020627.D (-1108) (-)



#26

2-Nitrophenol

Concen: 53.907 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

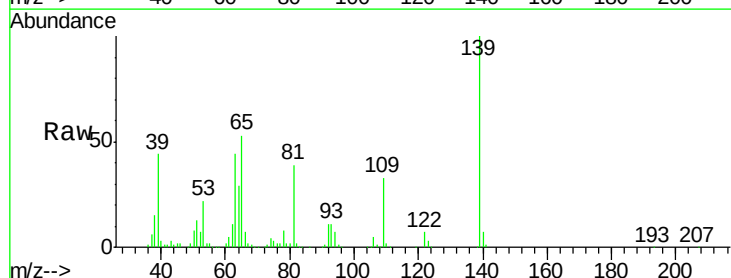
Tgt Ion: 139 Resp: 468553

Ion Ratio Lower Upper

139 100

109 33.1 26.1 39.1

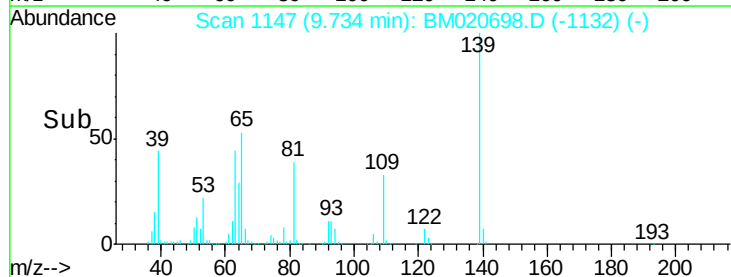
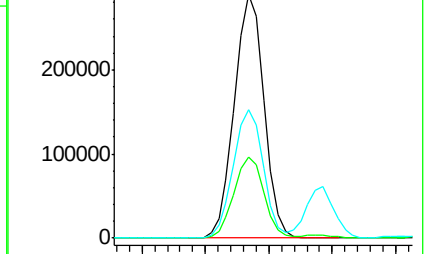
65 53.0 43.4 65.0

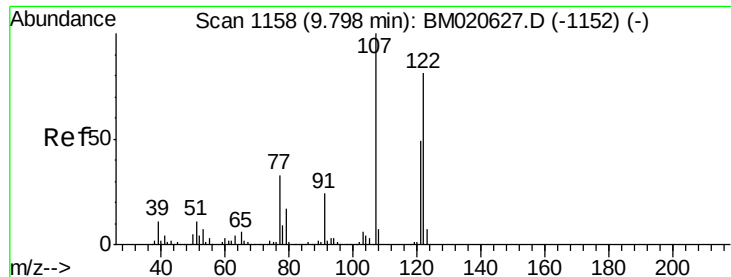


Abundance Ion 139.00 (138.70 to 139.70): BM020627.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020627.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020627.D (-1140) (-)





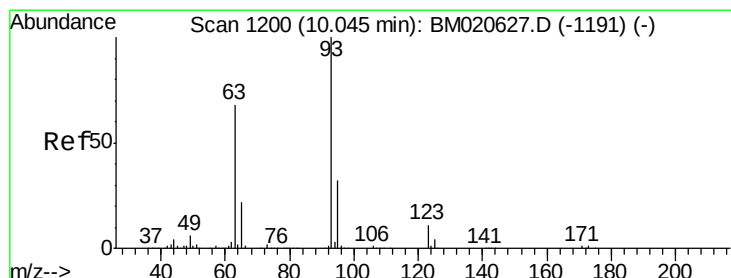
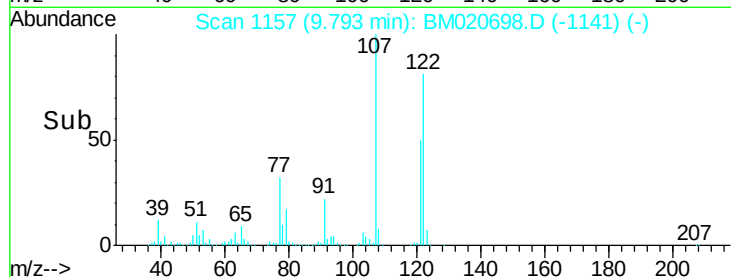
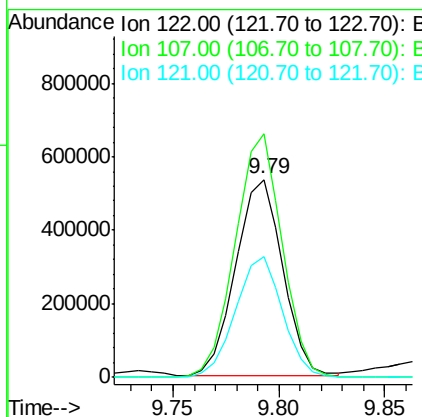
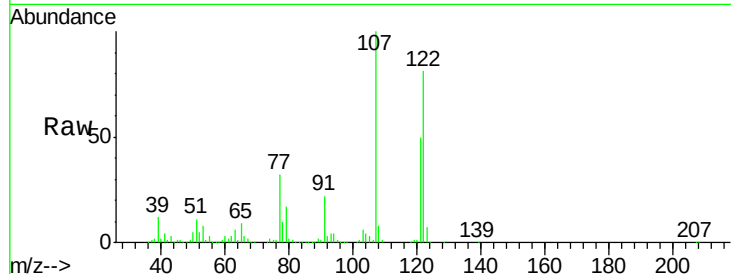
#27
 2,4-Dimethylphenol
 Concen: 50.420 ng
 RT: 9.79 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		821200		
107	123.2	98.0	147.0		
121	61.3	48.2	72.4		

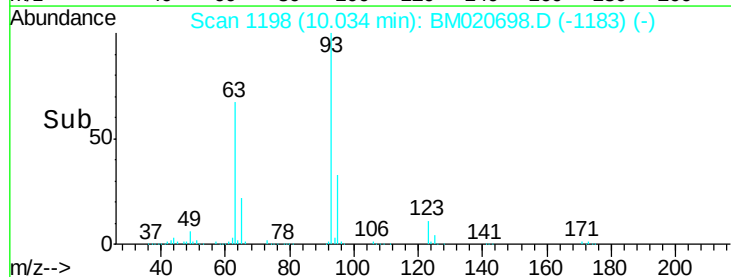
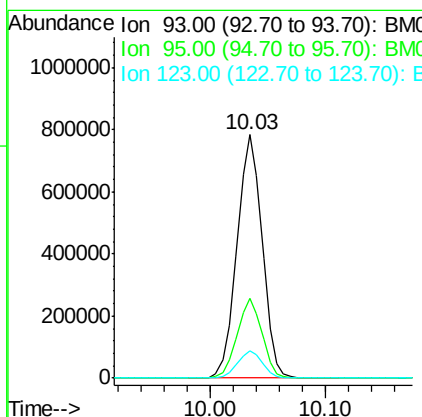
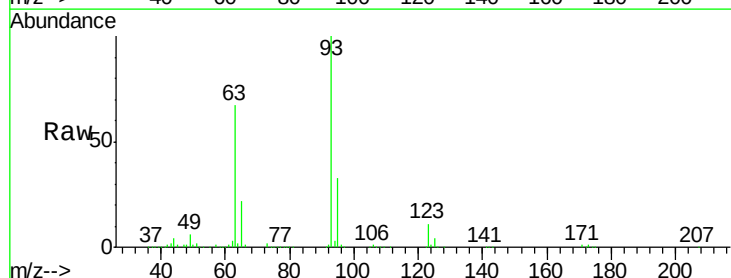
Manual Integrations
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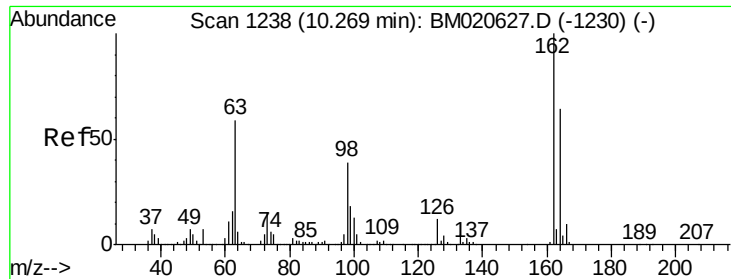
mohammad
 6/5/2019 8:46:21 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.958 ng
 RT: 10.03 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		1180340		
95	32.6	25.8	38.6		
123	11.1	9.0	13.6		





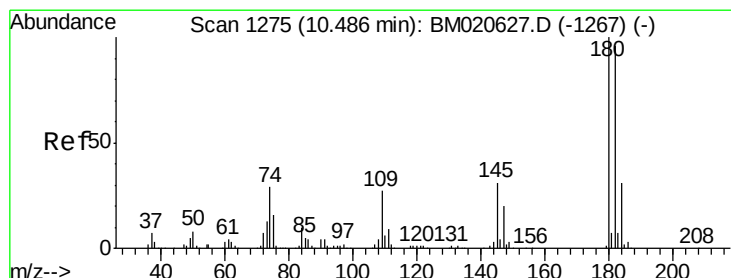
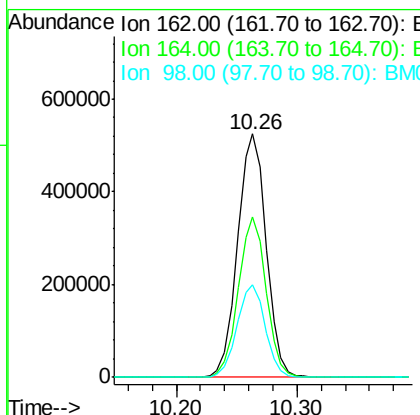
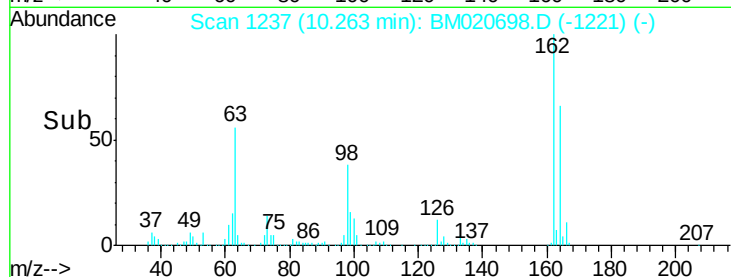
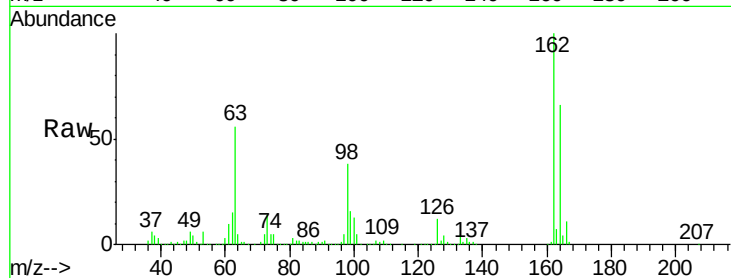
#29
2,4-Dichlorophenol
Concen: 48.069 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	866201		
164	65.6	43.8	83.8	
98	38.1	19.1	59.1	

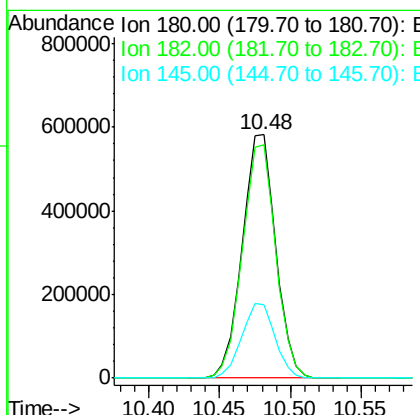
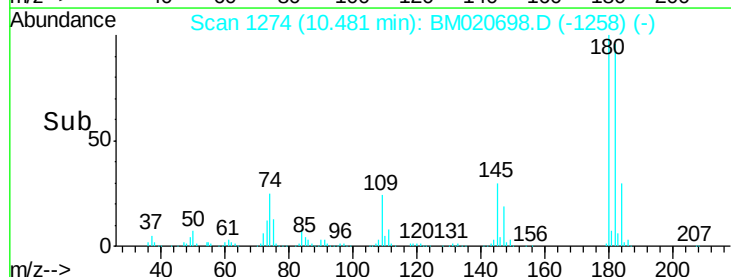
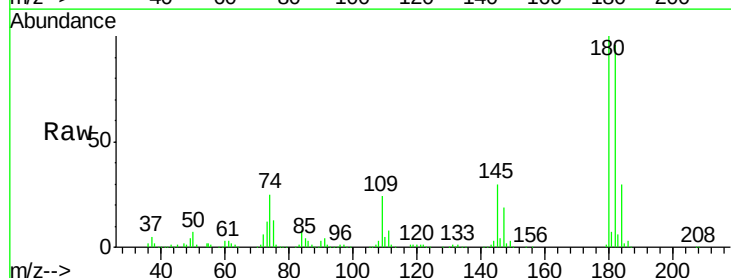
Manual Integrations
APPROVED

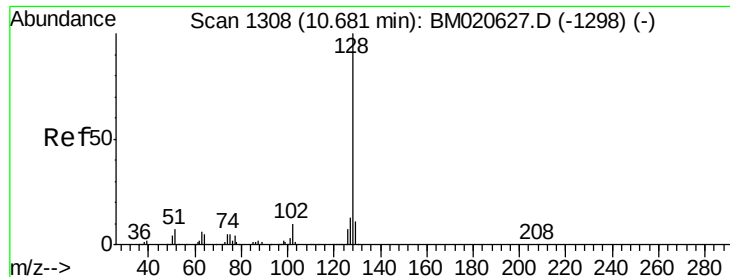
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 46.542 ng
RT: 10.48 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	964369		
182	95.8	77.0	115.6	
145	30.0	25.0	37.4	





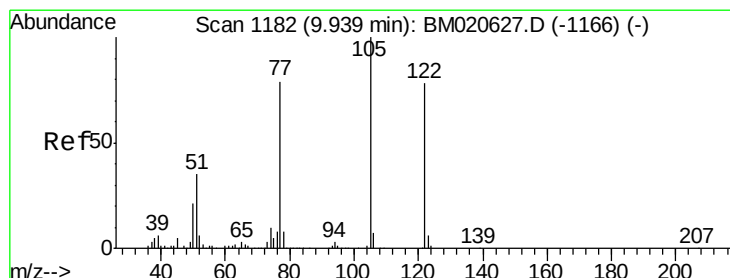
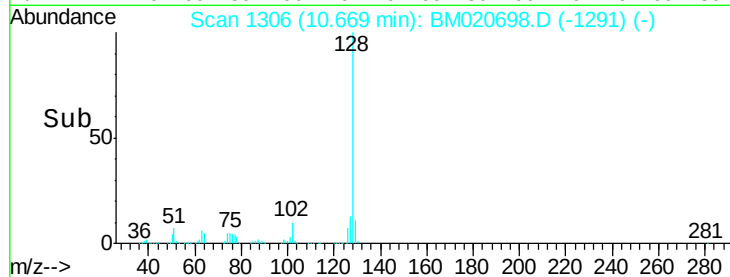
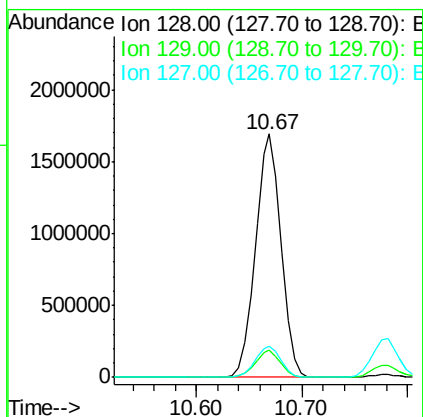
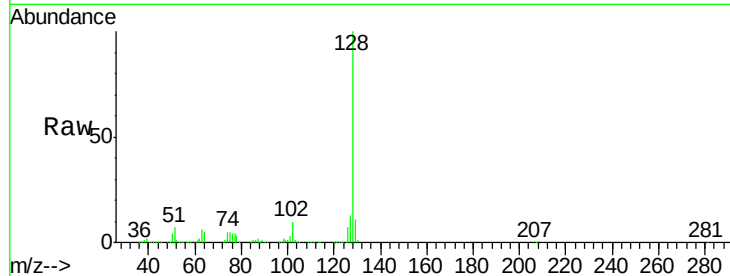
#31
Naphthalene
Concen: 46.573 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.0	10.3	15.5

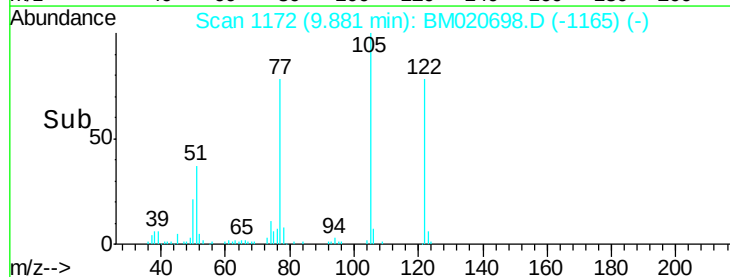
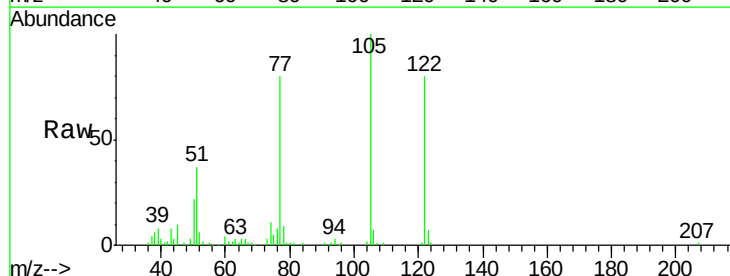
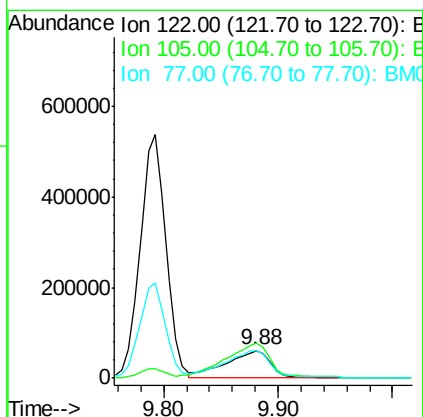
Manual Integrations
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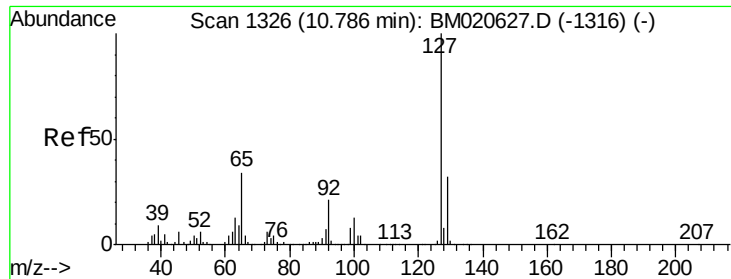
mohammad
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#32
Benzoic acid
Concen: 19.803 ng m
RT: 9.88 min Scan# 1172
Delta R.T. -0.06 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	107.0	147.0
77	99.9	80.9	120.9





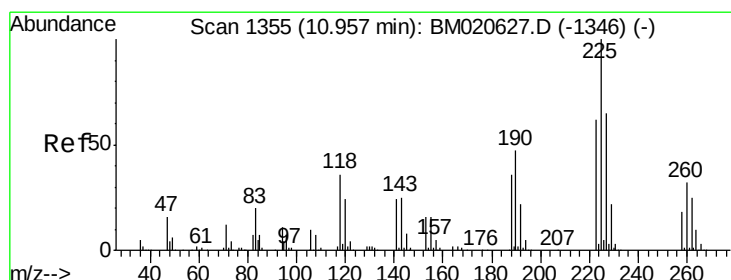
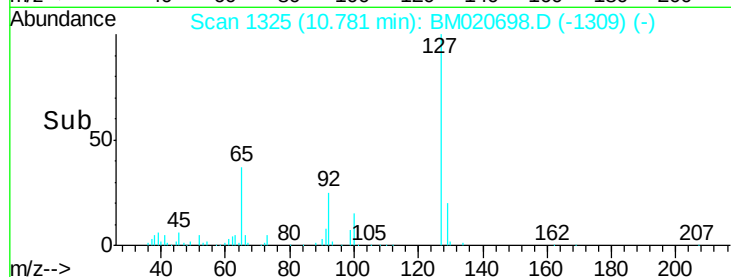
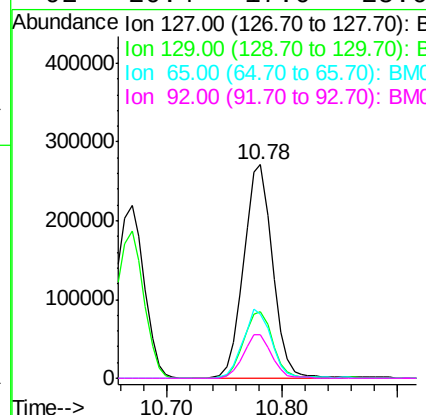
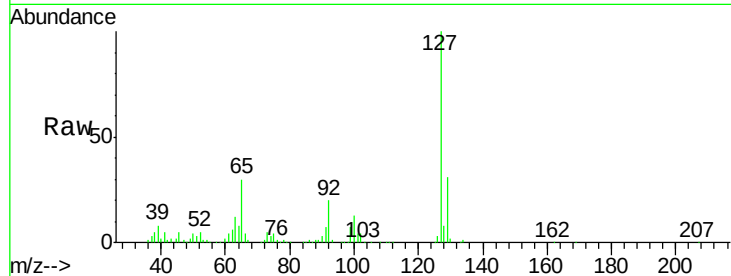
#33
4-Chloroaniline
Concen: 16.534 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	25.7	38.5		
65	30.2	27.4	41.0		
92	20.4	17.0	25.6		

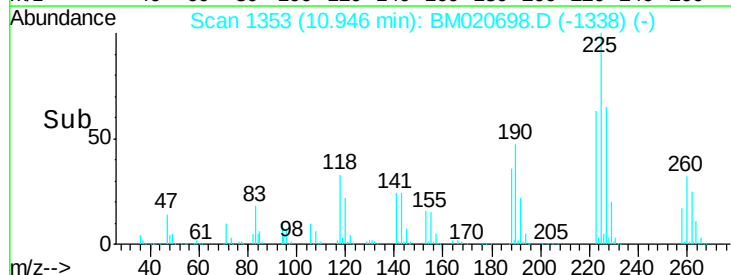
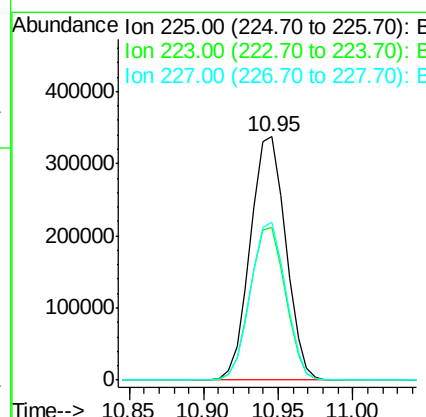
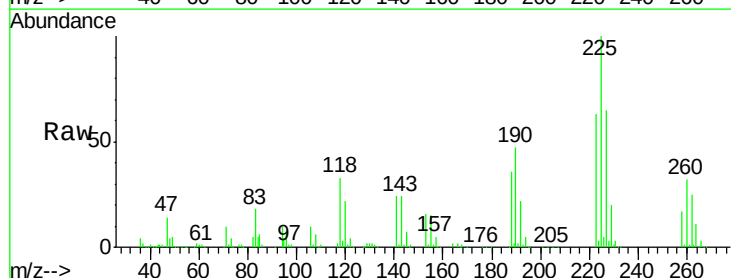
Manual Integrations
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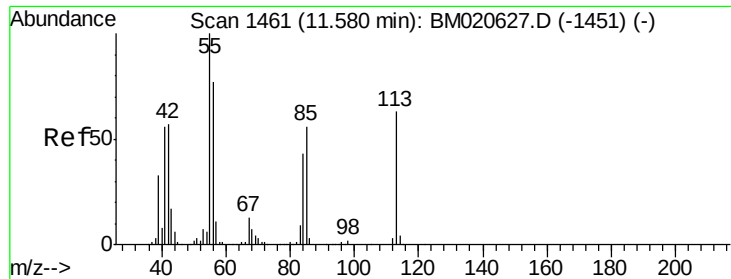
mohammad
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#34
Hexachlorobutadiene
Concen: 44.517 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	49.7	74.5		
227	64.9	51.8	77.8		





#35

Caprolactam

Concen: 41.421 ng/mL

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMS

Tot Ion:113 Resp: 259303

Ion Ratio Lower Upper

113 100

55 156.3 138.6 178.6

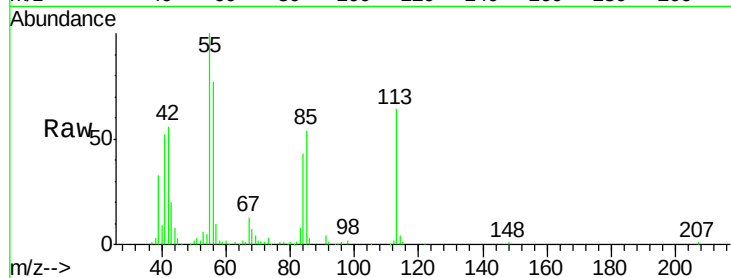
56 120.7 102.3 142.3

Manual Integrations

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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0

150000

100000

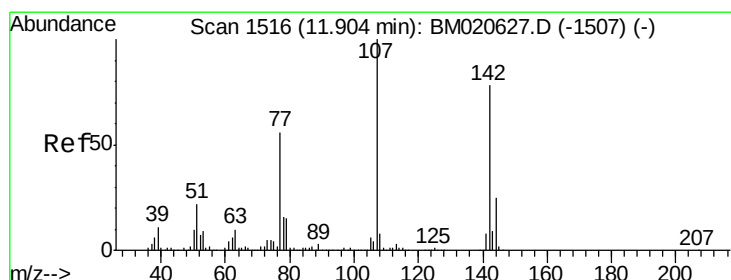
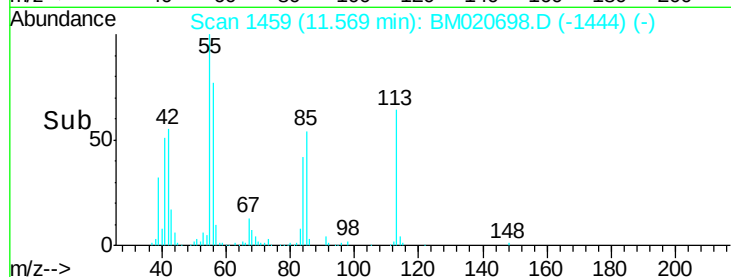
50000

0

11.57

11.50 11.60 11.70

Time-->



#36

4-Chloro-3-methylphenol

Concen: 43.381 ng/mL

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

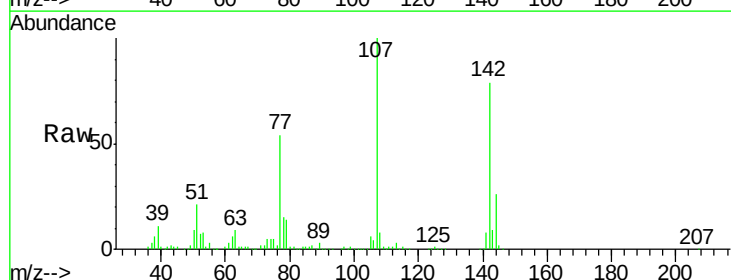
Tgt Ion:107 Resp: 908882

Ion Ratio Lower Upper

107 100

144 26.4 20.3 30.5

142 78.5 62.6 93.8



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

600000

400000

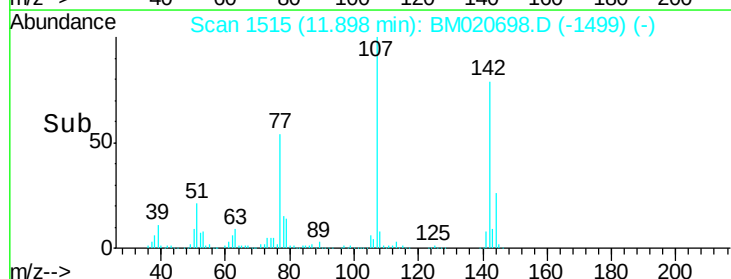
200000

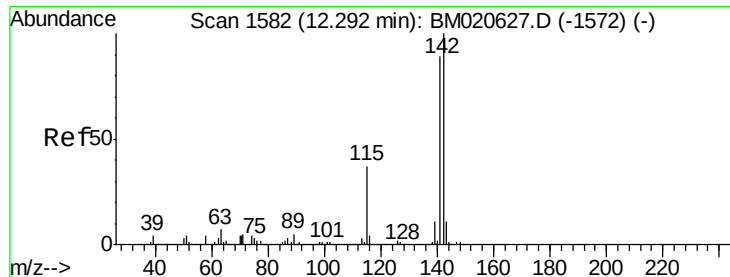
0

11.90

11.80 11.90 12.00

Time-->





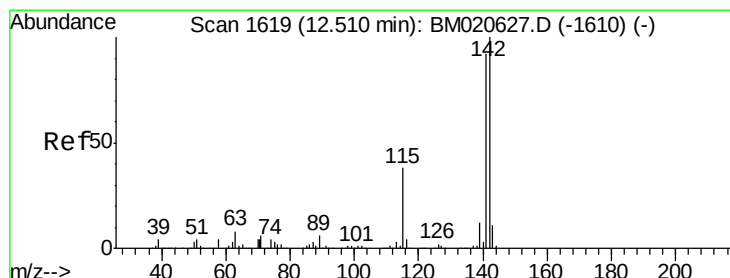
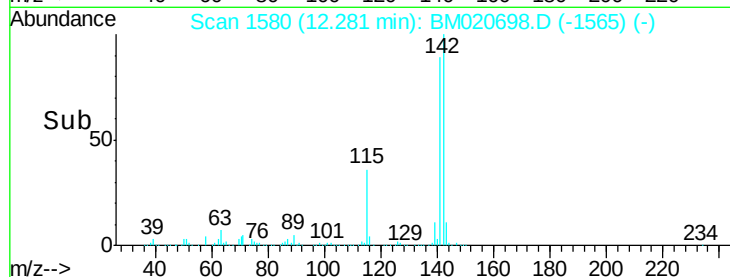
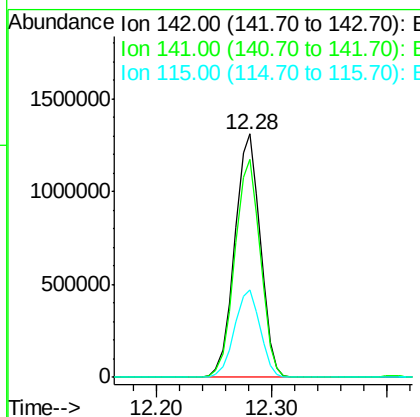
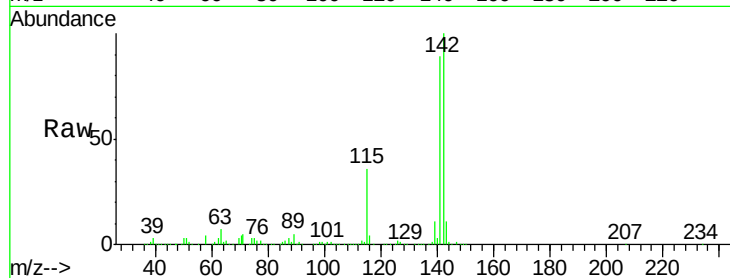
#37
2-Methylnaphthalene
Concen: 44.473 ng
RT: 12.28 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.6	107.4
115	35.8	29.6	44.4

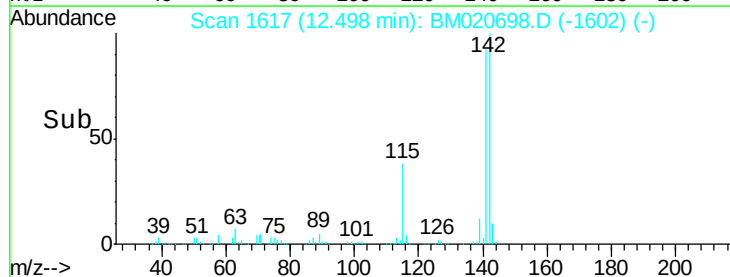
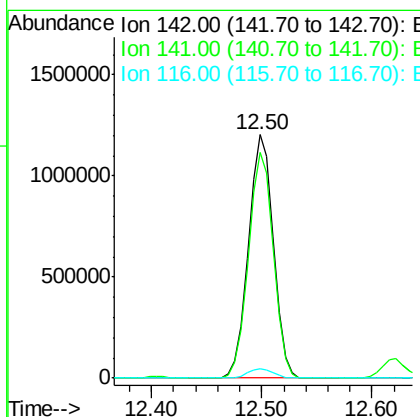
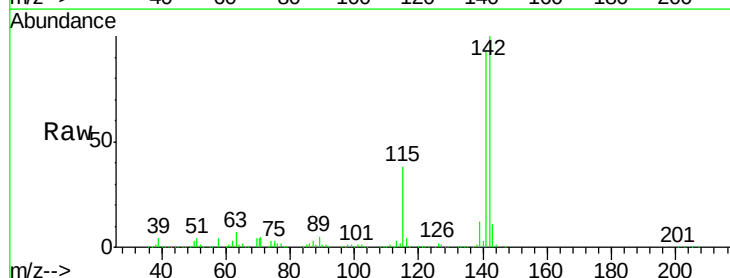
Manual Integrations
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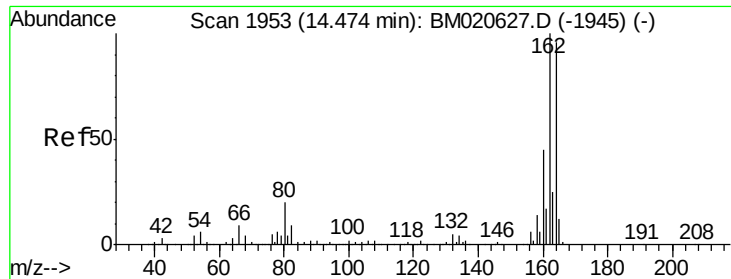
mohammad
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#38
1-Methylnaphthalene
Concen: 44.450 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9
116	4.0	3.2	4.8





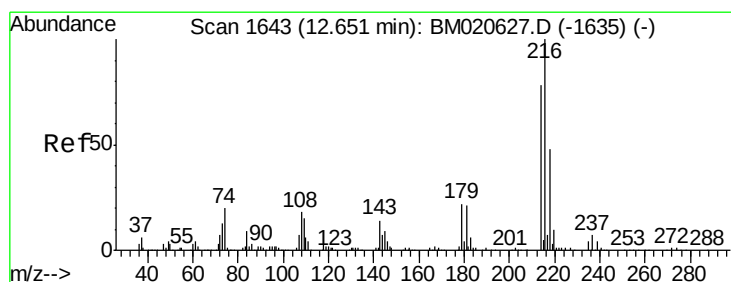
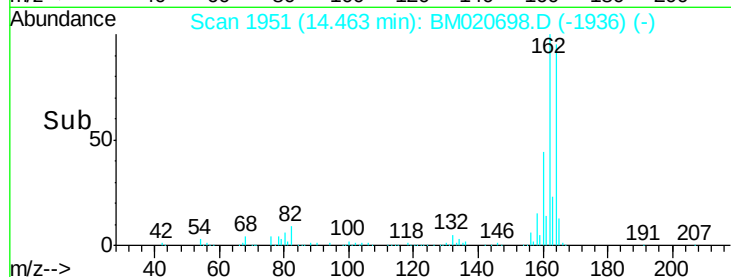
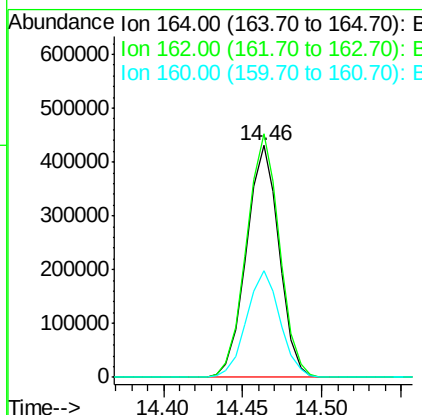
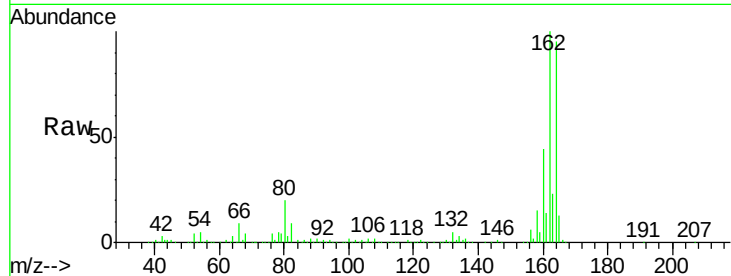
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.2	124.8
160	46.1	37.5	56.3

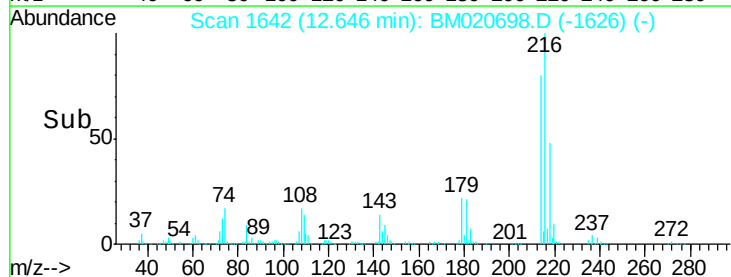
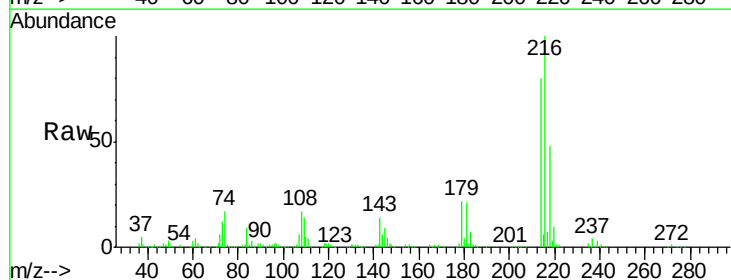
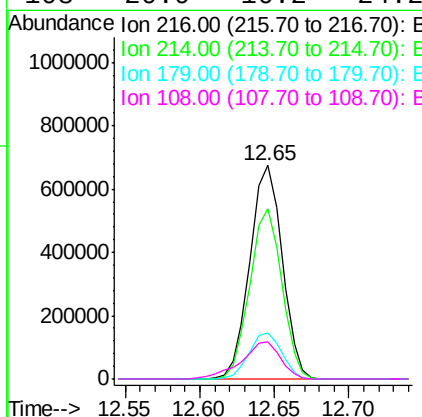
Manual Integrations
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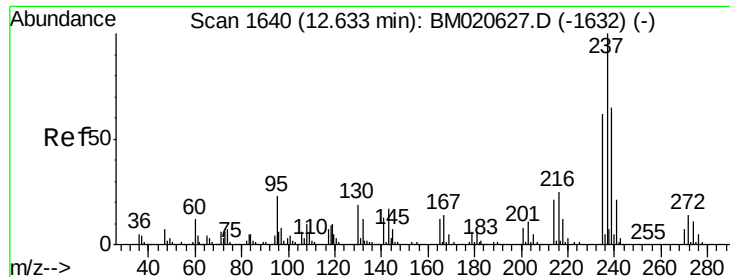
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.158 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.7	17.9	26.9
108	20.9	16.2	24.2





#41

Hexachlorocyclopentadiene

Concen: 94.857 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

ClientSampled :

TP-1A-DMS

Tot Ion:237 Resp: 1147147

Ion Ratio Lower Upper

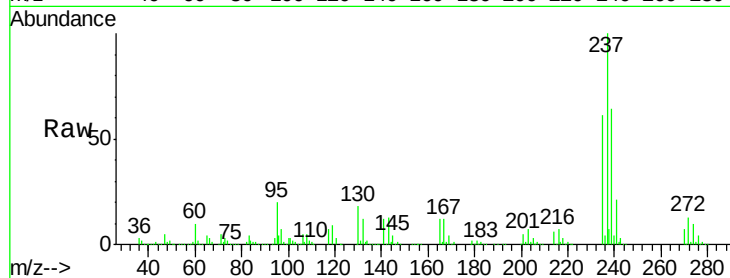
237 100

235 61.0 42.1 82.1

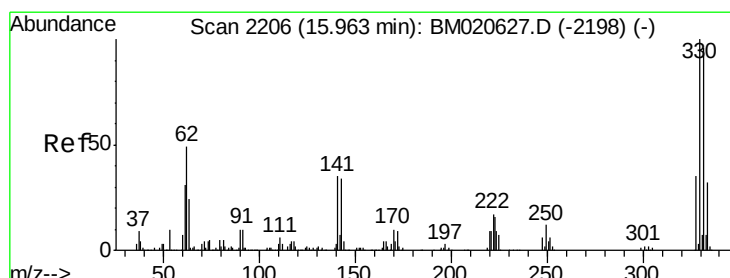
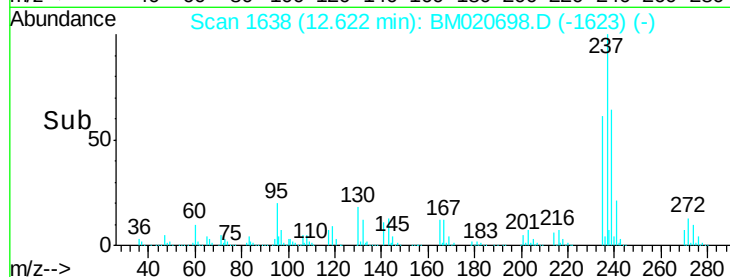
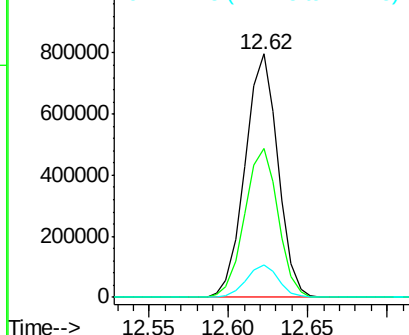
272 13.3 0.0 33.5

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



#42

2,4,6-Tribromophenol

Concen: 155.977 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

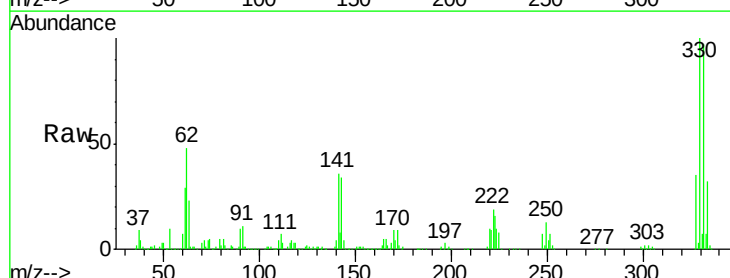
Tgt Ion:330 Resp: 1192434

Ion Ratio Lower Upper

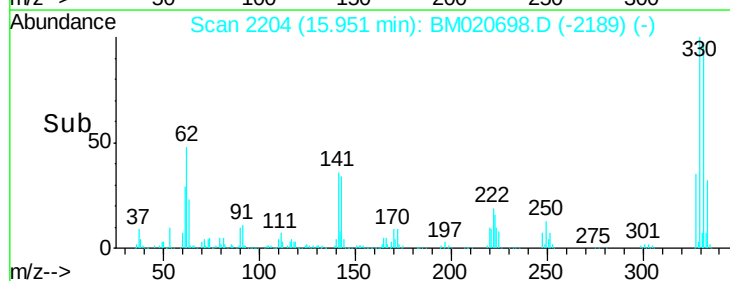
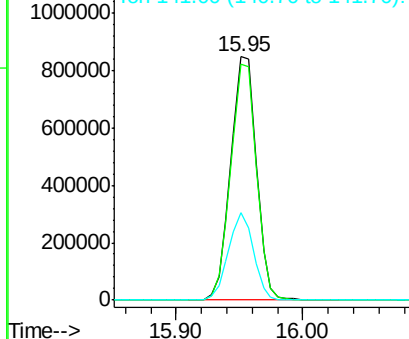
330 100

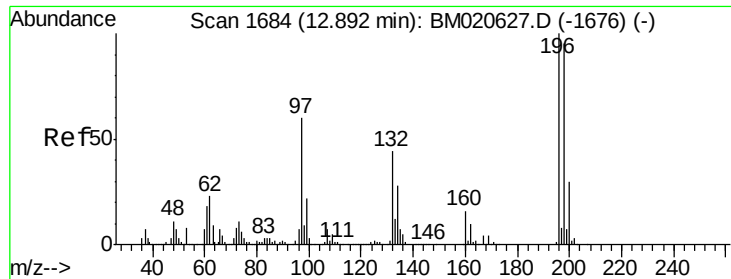
332 97.0 77.4 116.0

141 35.2 30.4 45.6



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





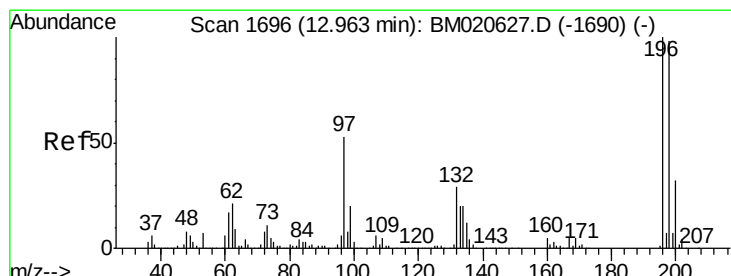
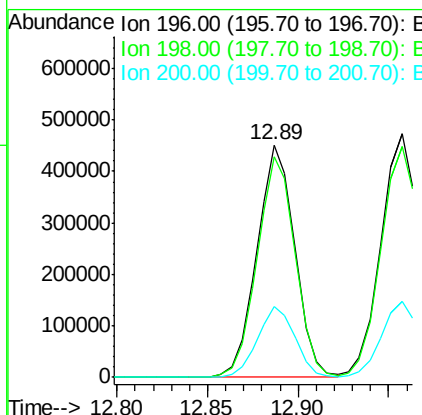
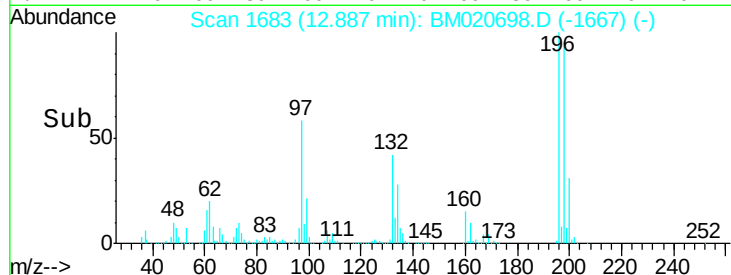
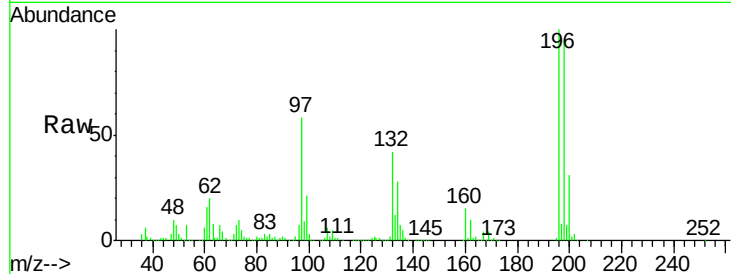
#43
 2,4,6-Trichlorophenol
 Concen: 50.315 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMS

Tot Ion:196	Resp:	654876
Ion Ratio	Lower	Upper
196	100	
198	95.0	75.7 113.5
200	30.6	23.9 35.9

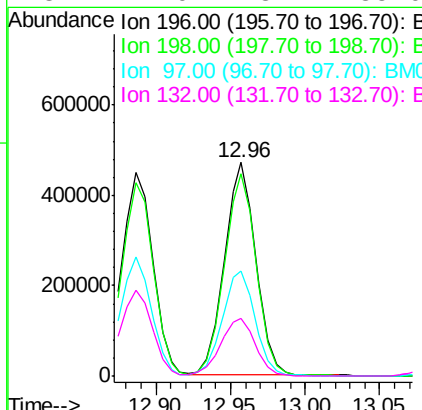
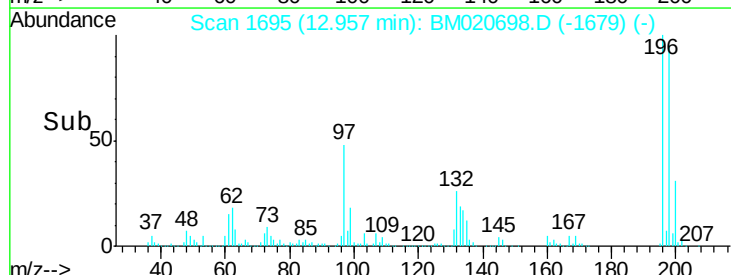
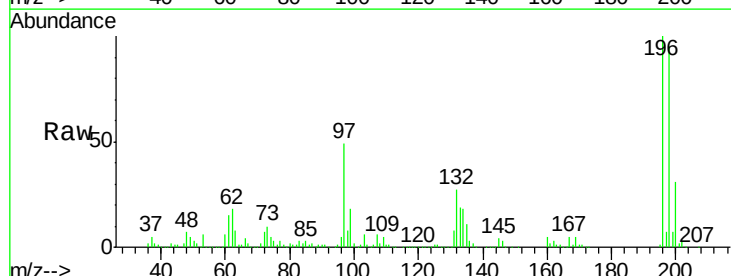
Manual Integrations
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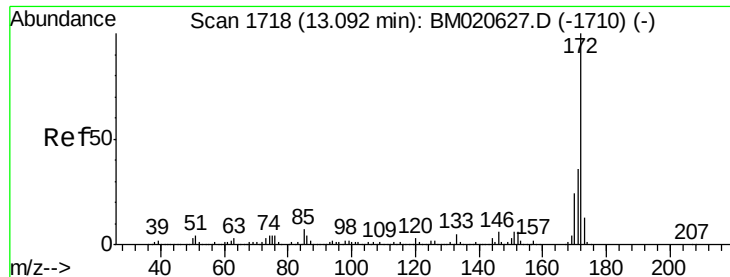
mohammad
 6/5/2019 8:46:21 AM



#44
 2,4,5-Trichlorophenol
 Concen: 51.732 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Tgt Ion:196	Resp:	695134
Ion Ratio	Lower	Upper
196	100	
198	94.8	78.6 117.8
97	48.9	42.7 64.1
132	27.0	23.4 35.0





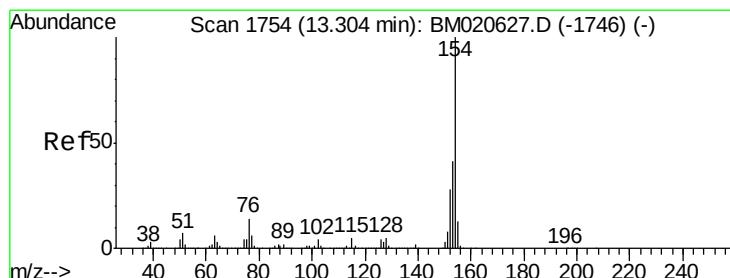
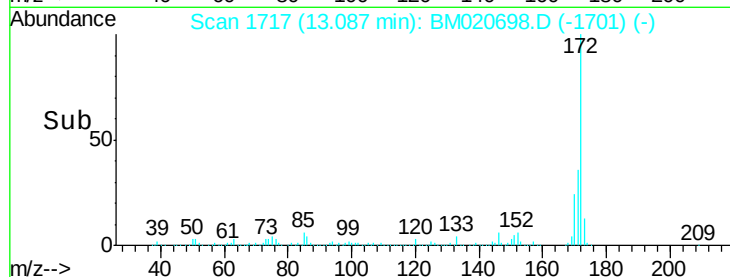
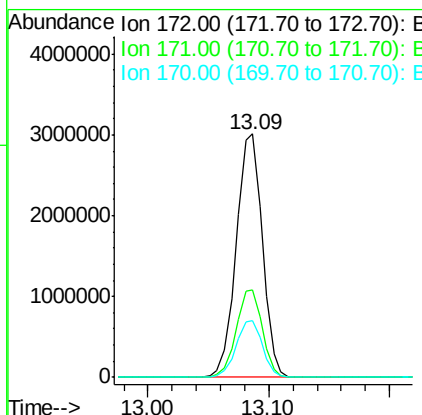
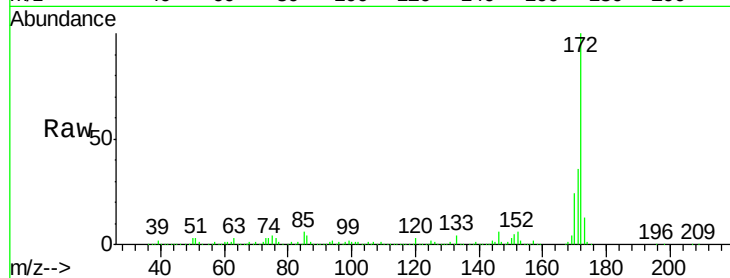
#45
2-Fluorobiphenyl
Concen: 97.652 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.5	18.9	28.3

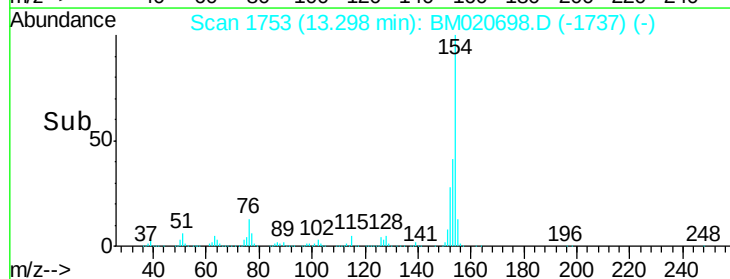
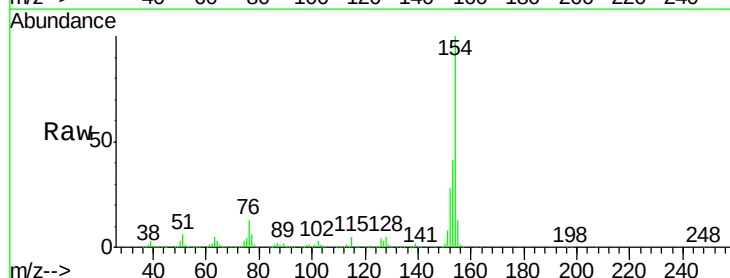
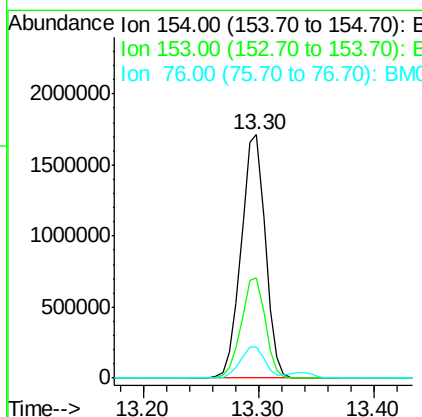
Manual Integrations
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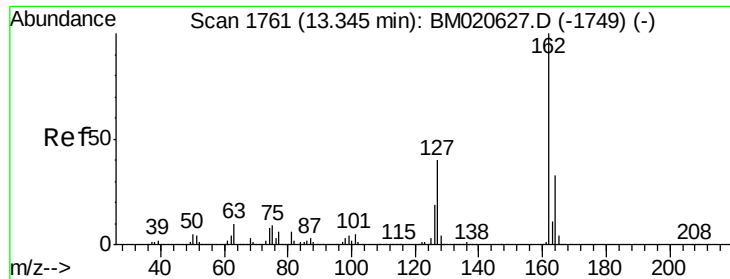
mohammad
6/5/2019 8:46:21 AM



#46
1,1'-Biphenyl
Concen: 48.217 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.7	60.7
76	12.8	0.0	34.0





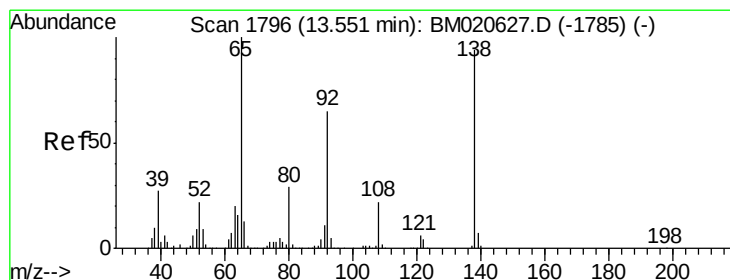
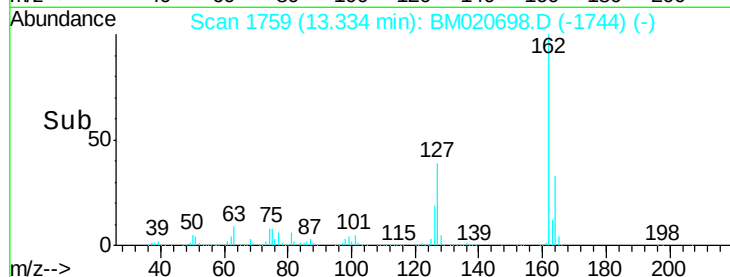
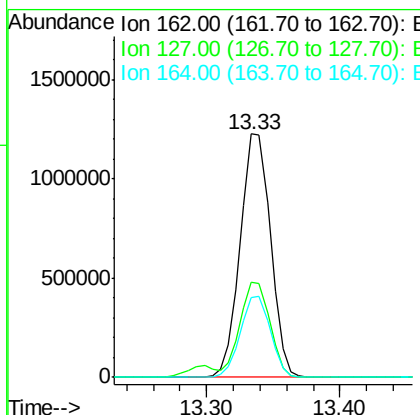
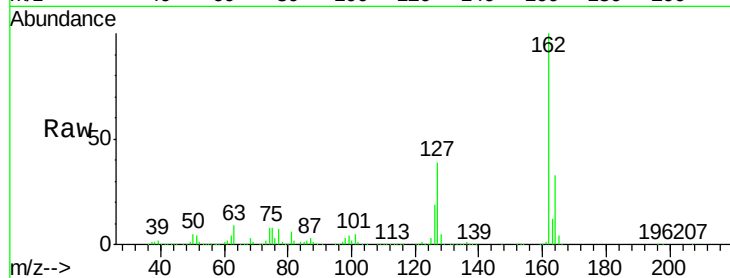
#47
2-Chloronaphthalene
Concen: 46.413 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion: 162 Resp: 1930368
Ion Ratio Lower Upper
162 100
127 39.3 32.1 48.1
164 33.0 26.6 39.8

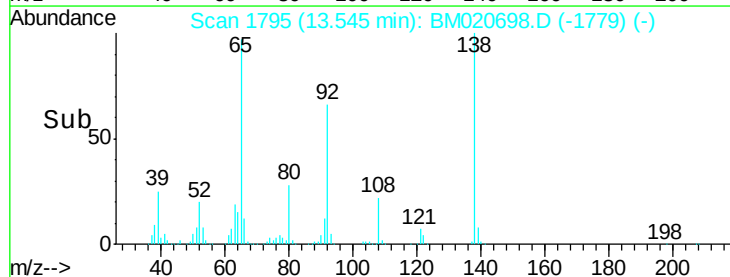
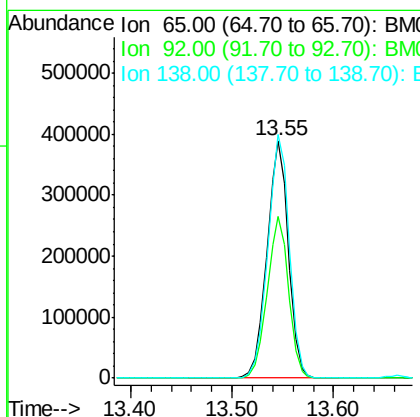
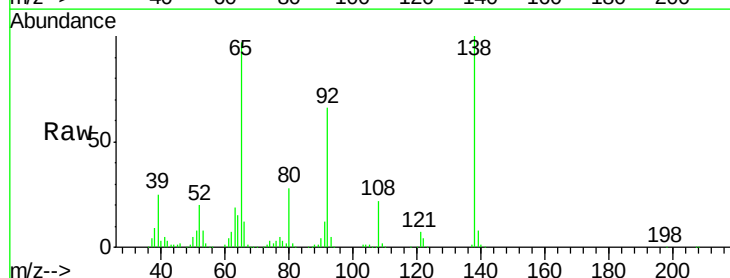
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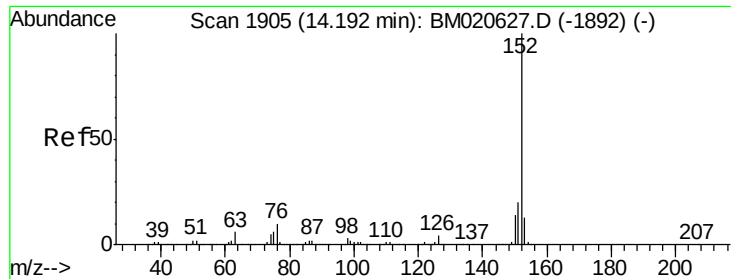
mohammad
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#48
2-Nitroaniline
Concen: 44.191 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion: 65 Resp: 576868
Ion Ratio Lower Upper
65 100
92 68.2 52.2 78.4
138 102.6 75.4 113.0





#49

Acenaphthylene

Concen: 46.861 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

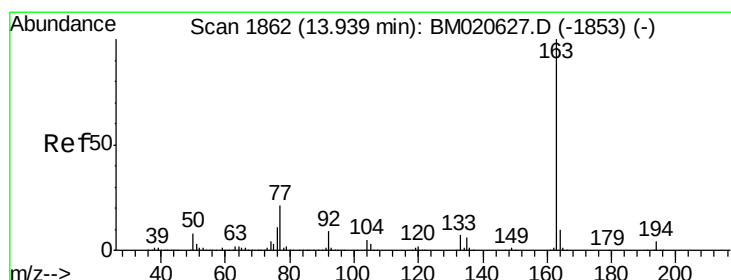
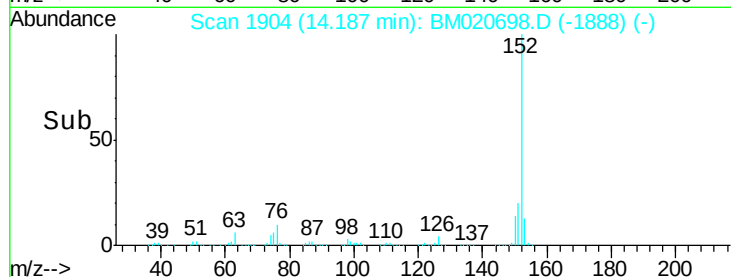
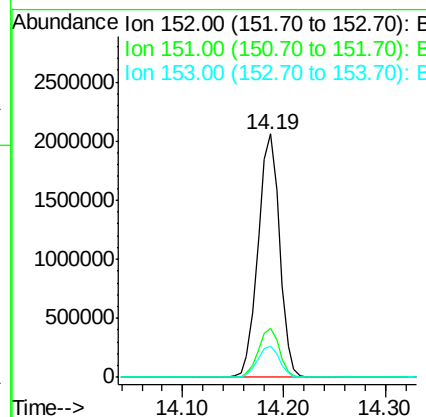
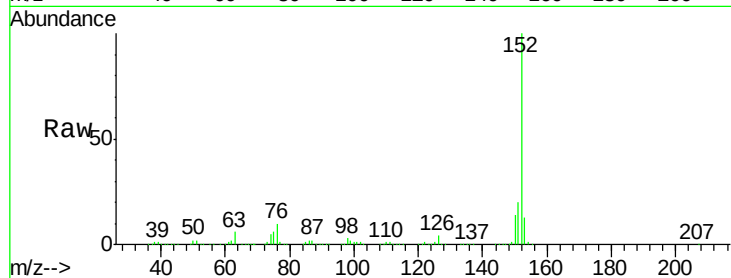
ClientSampled :

TP-1A-DMS

Tot Ion:	152	Resp:	3041037
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	12.9	10.6	15.8

Manual Integrations
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#50

Dimethylphthalate

Concen: 49.356 ng

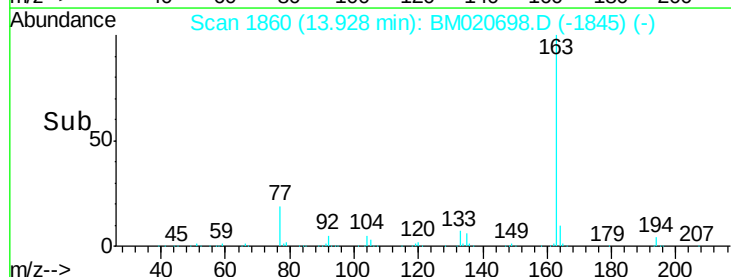
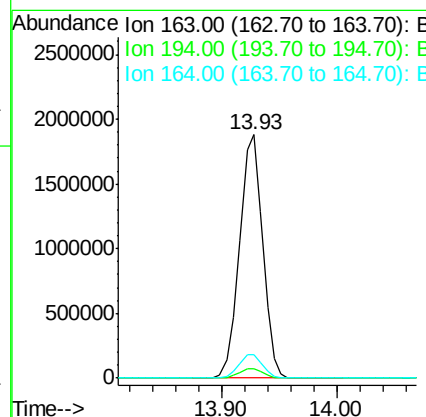
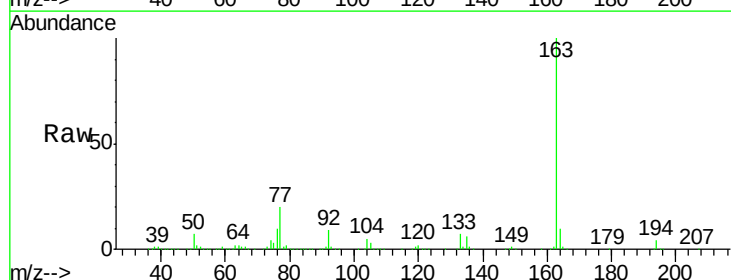
RT: 13.93 min Scan# 1860

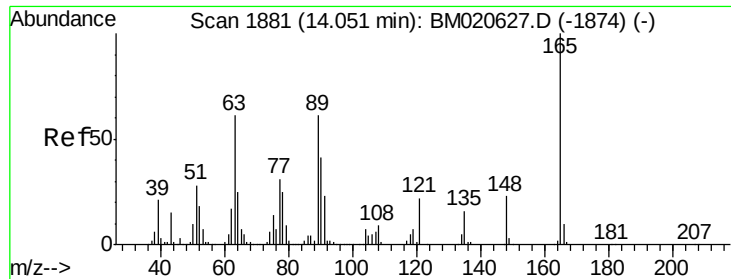
Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tgt Ion:	163	Resp:	2601824
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.7	7.9	11.9





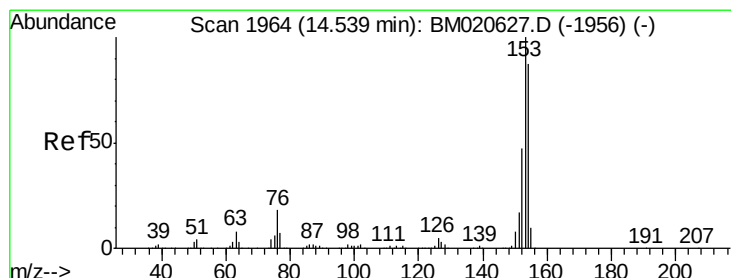
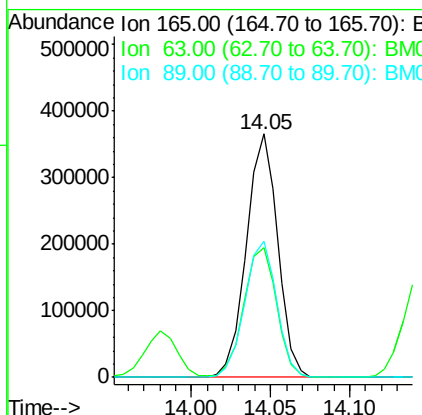
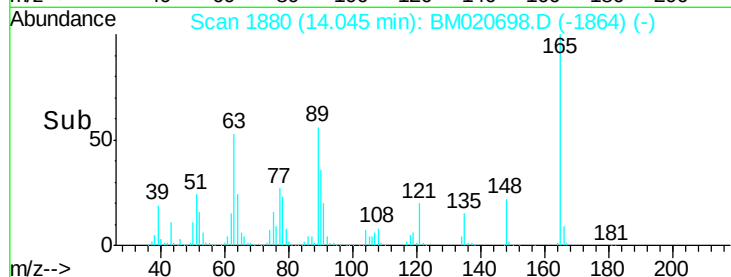
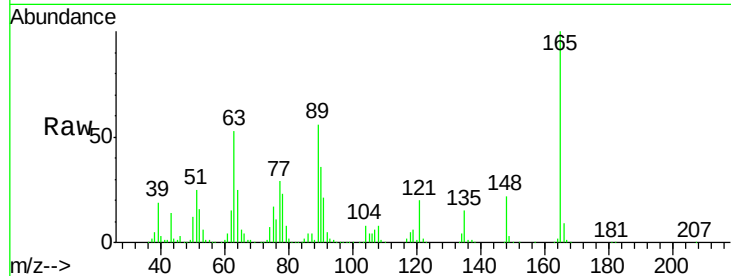
#51
2,6-Dinitrotoluene
Concen: 46.988 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampled :
TP-1A-DMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	502961		
63	53.4		50.4	75.6
89	56.0		49.1	73.7

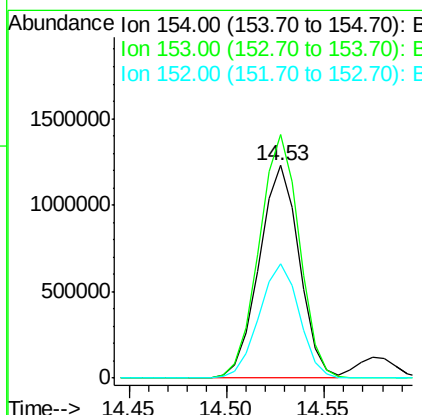
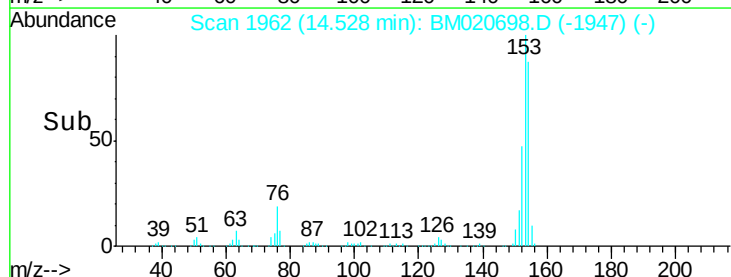
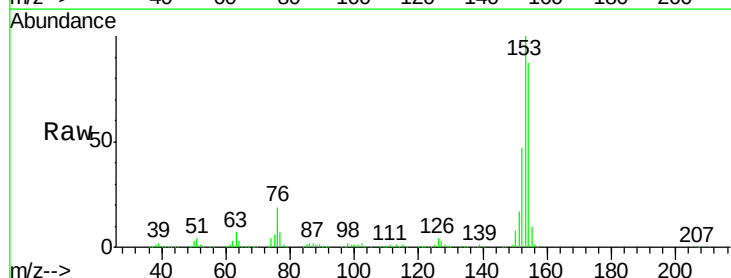
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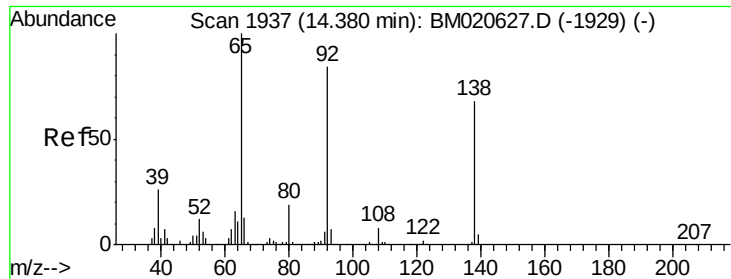
mohammad
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#52
Acenaphthene
Concen: 45.346 ng
RT: 14.53 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1753668		
153	114.5		92.4	138.6
152	53.5		43.4	65.0





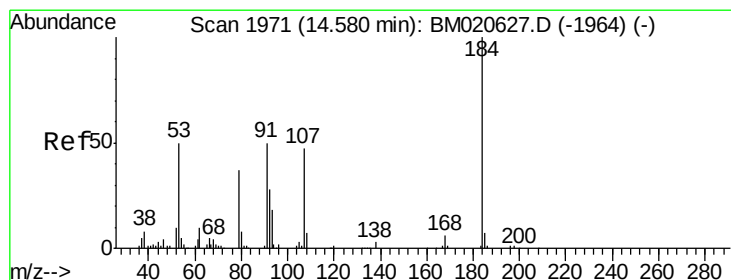
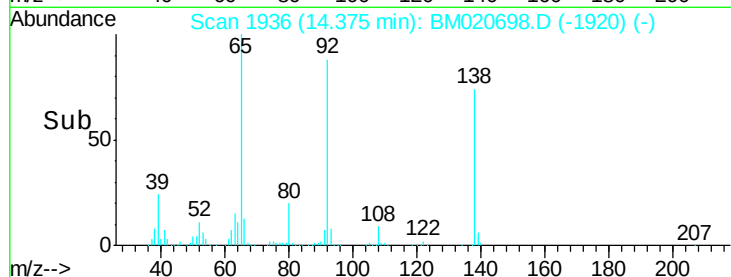
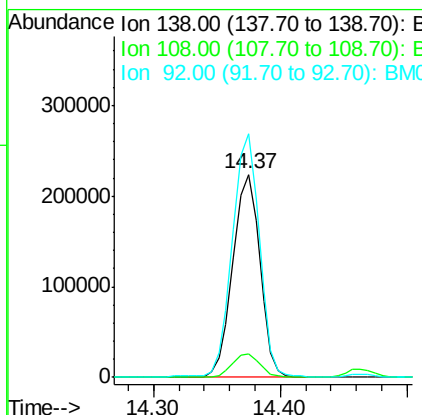
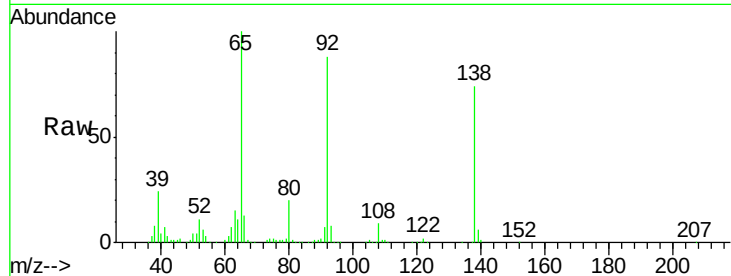
#53
3-Nitroaniline
Concen: 27.769 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	331767		
108	11.6	9.5	14.3	
92	119.8	99.6	149.4	

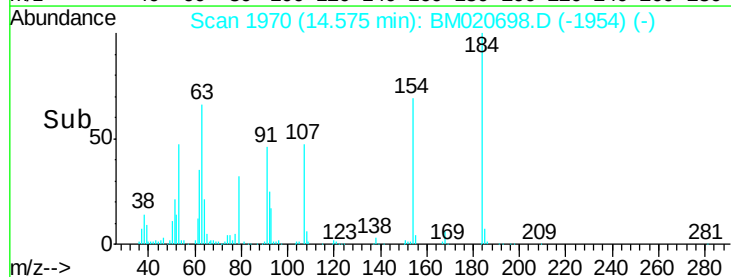
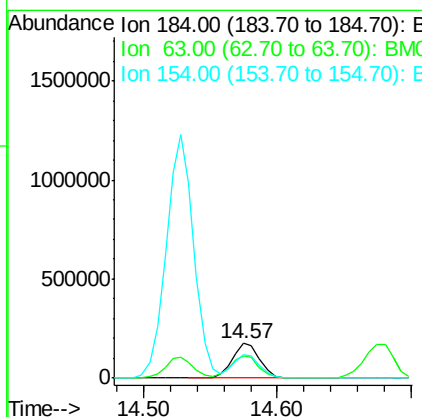
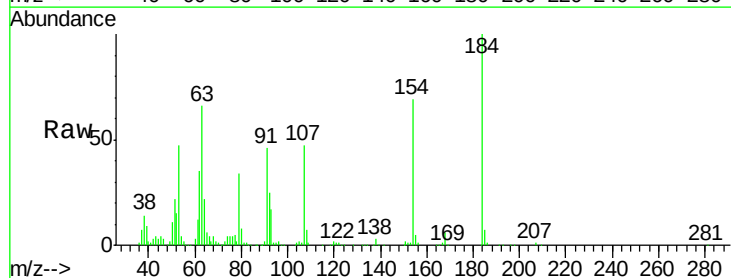
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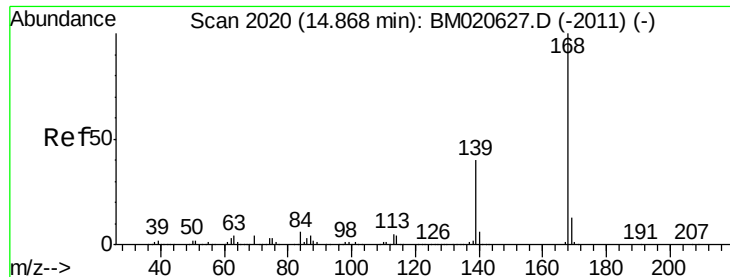
mohammad
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#54
2,4-Dinitrophenol
Concen: 56.420 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	248972		
63	66.2	59.3	88.9	
154	69.3	56.5	84.7	





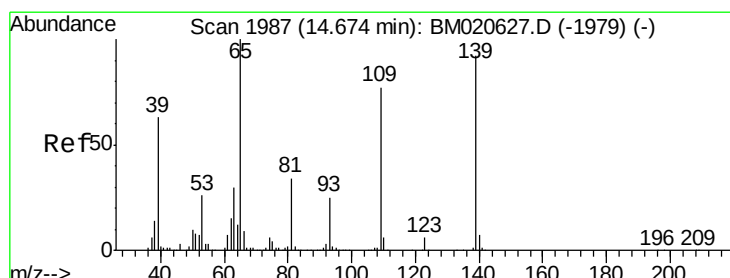
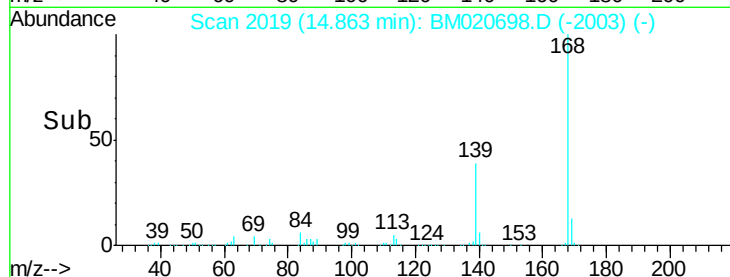
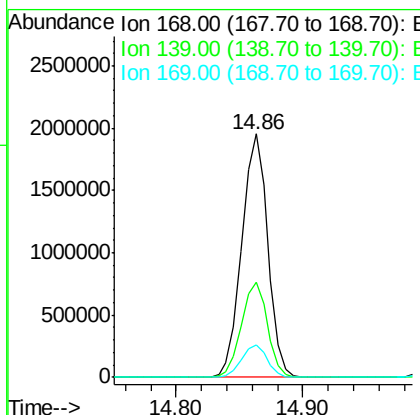
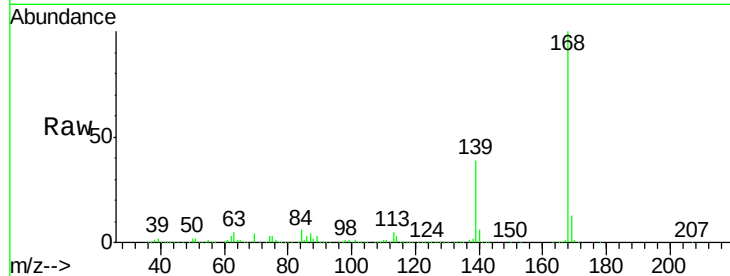
#55
Dibenzofuran
Concen: 46.057 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampled :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.9	47.9
169	13.1	10.7	16.1

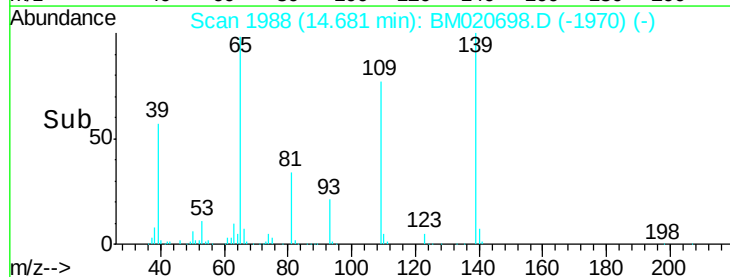
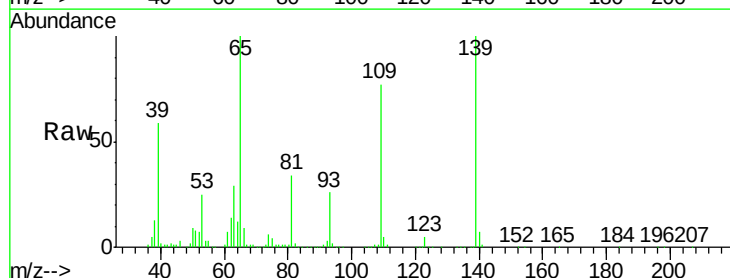
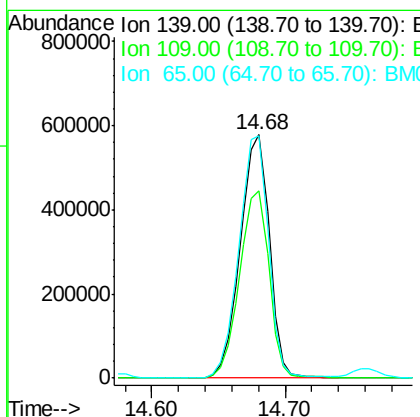
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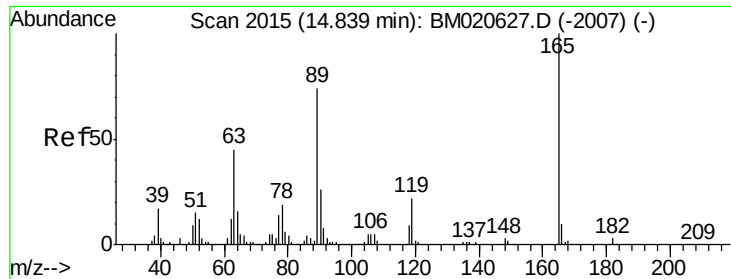
mohammad
6/5/2019 8:46:21 AM



#56
4-Nitrophenol
Concen: 99.179 ng
RT: 14.68 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.8	62.7	102.7
65	99.6	88.3	128.3





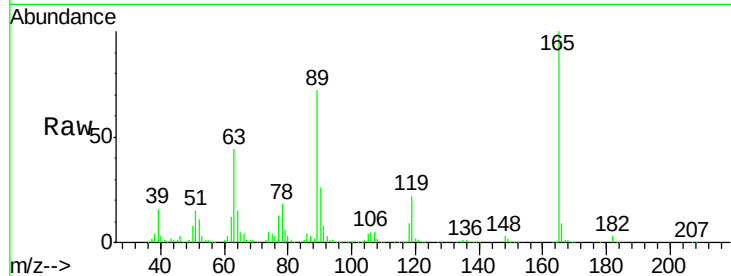
#57
2,4-Dinitrotoluene
Concen: 47.111 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	675199		
63	44.0		36.3	54.5
89	72.3		59.0	88.6
182	2.7		2.2	3.4

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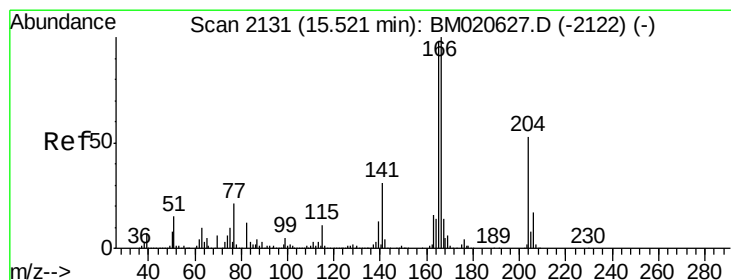
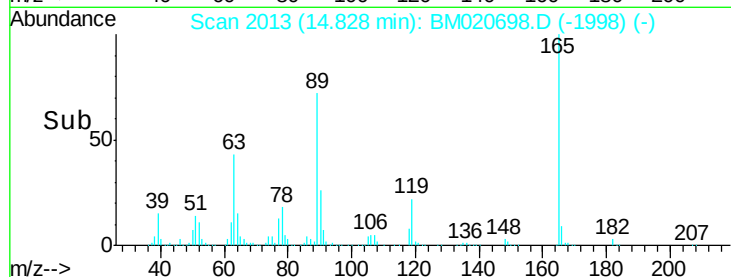
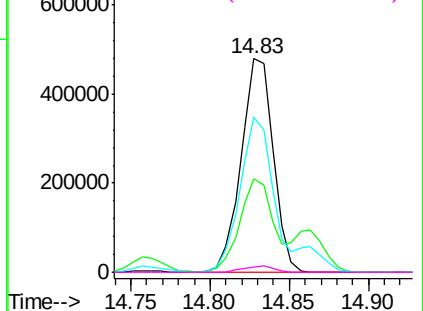


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM020627.D (-2007) (-)

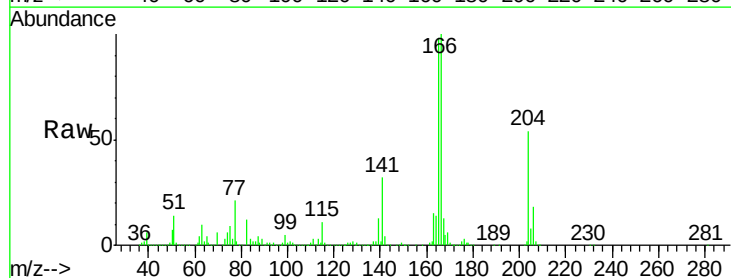
Ion 89.00 (88.70 to 89.70): BM020627.D (-2007) (-)

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.108 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

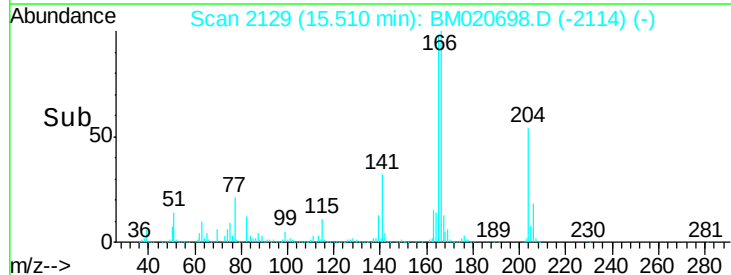
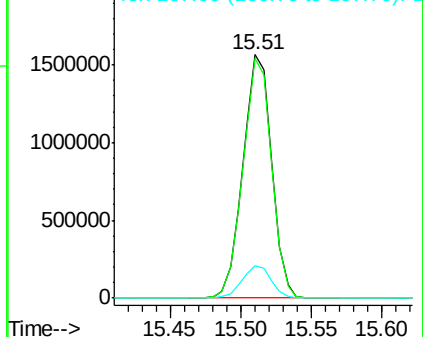
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2228085		
165	98.3		78.6	117.8
167	13.4		11.0	16.4

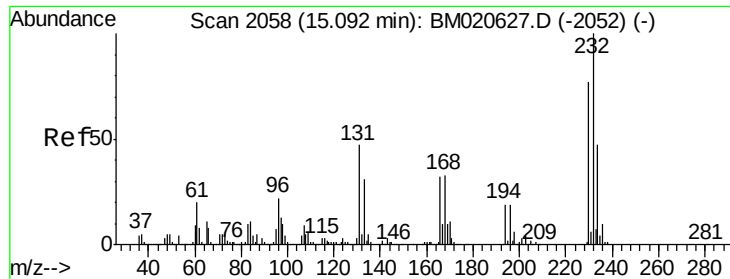


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





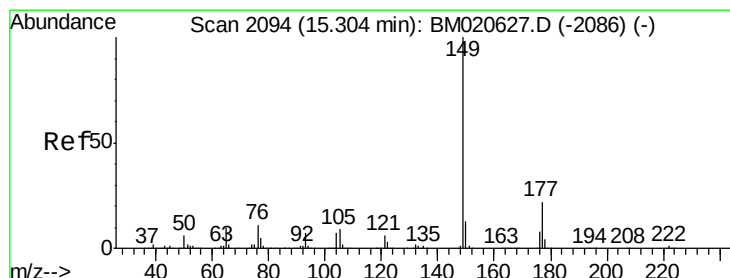
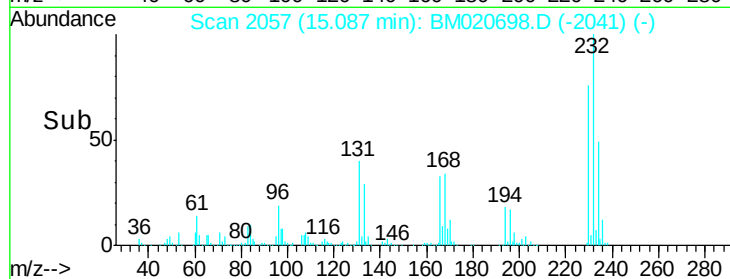
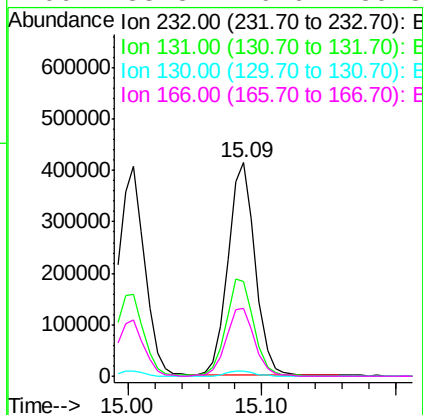
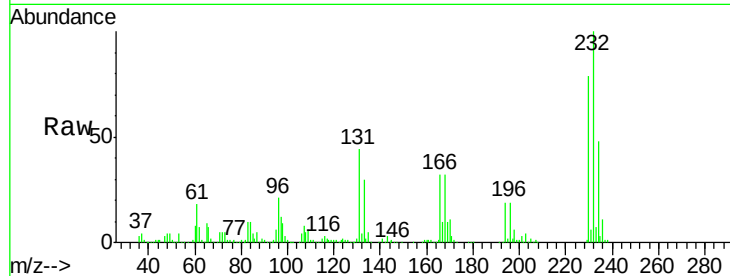
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.119 ng
 RT: 15.09 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMS

Tot Ion:	232	Resp:	586841
Ion Ratio	Lower	Upper	
232	100		
131	46.6	38.6	57.8
130	2.7	2.2	3.2
166	33.3	26.6	39.8

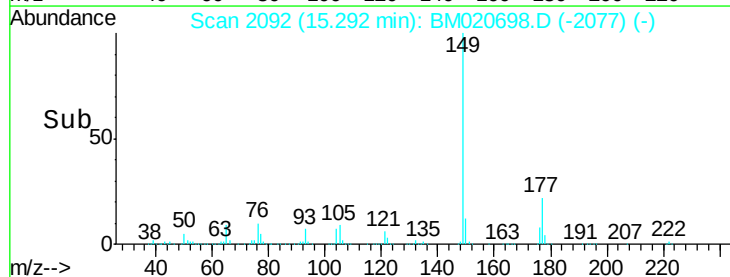
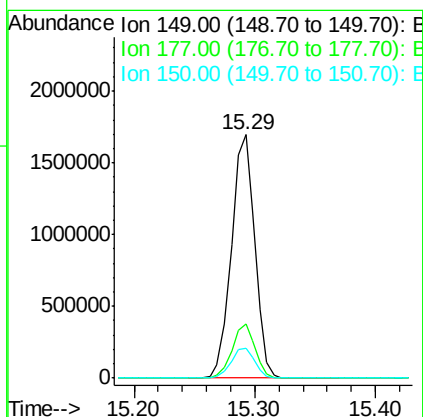
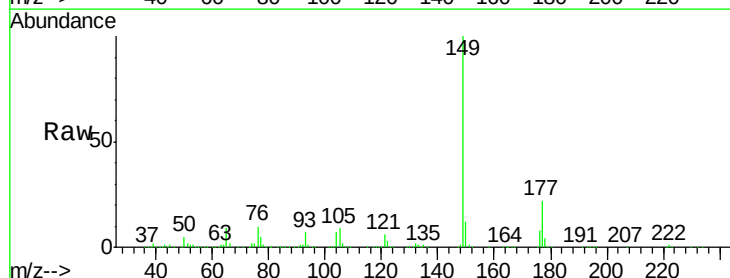
Manual Integrations
 APPROVED

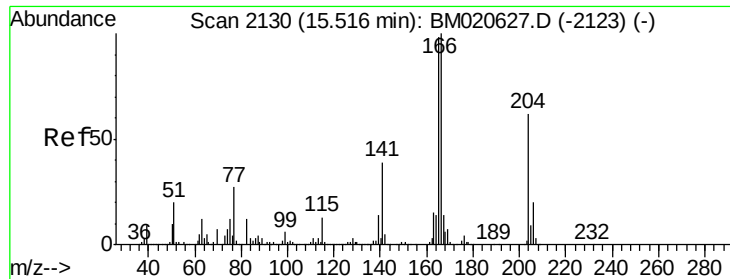
mohammad
 6/5/2019 8:46:21 AM



#60
 Diethylphthalate
 Concen: 41.949 ng
 RT: 15.29 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Tgt Ion:	149	Resp:	2280727
Ion Ratio	Lower	Upper	
149	100		
177	22.0	17.2	25.8
150	12.5	10.1	15.1





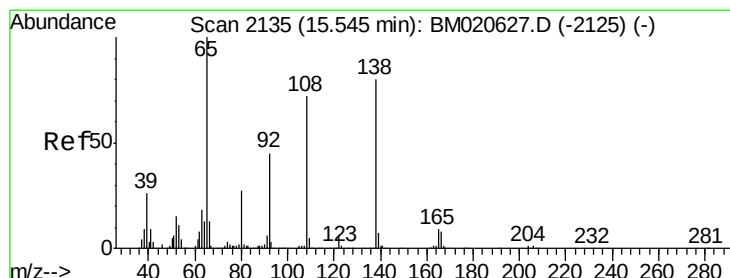
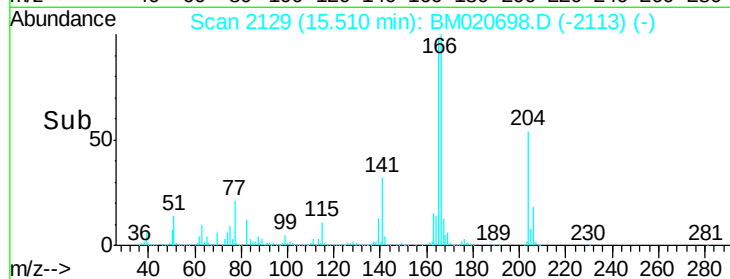
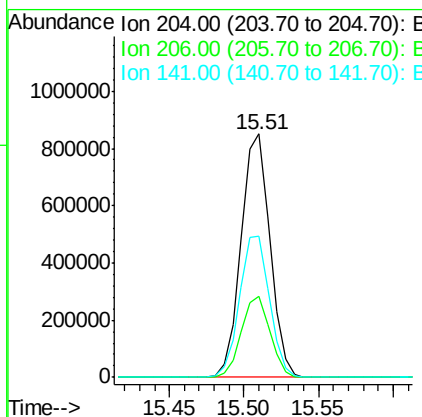
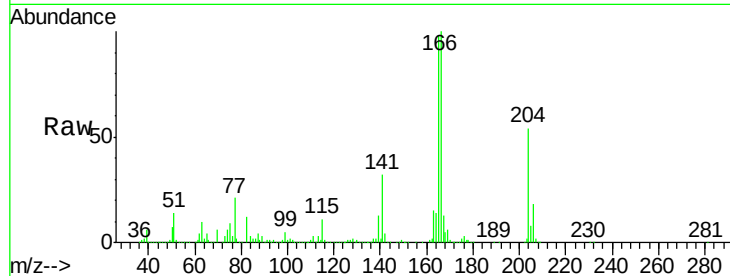
#61
4-Chlorophenyl-phenylether
Concen: 43.675 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampled :
TP-1A-DMS

Tot Ion:204 Resp: 1142246
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.8
141 58.0 50.2 75.4

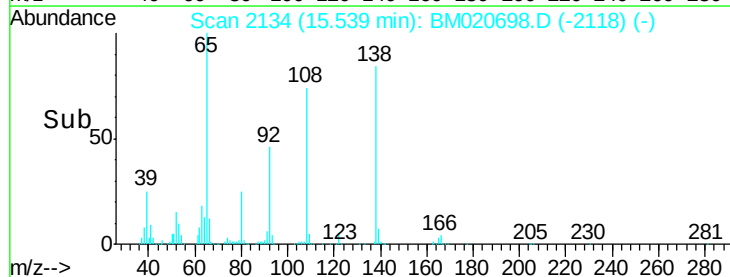
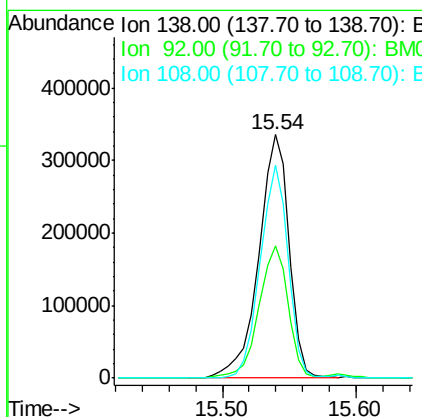
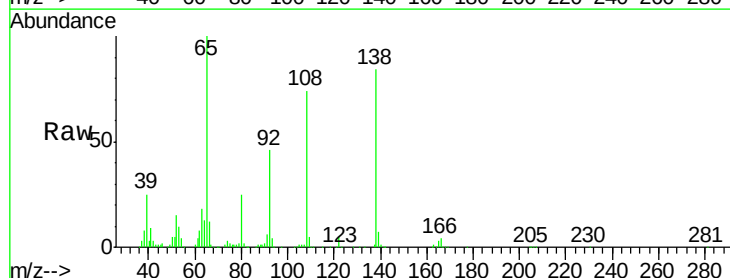
Manual Integrations
APPROVED

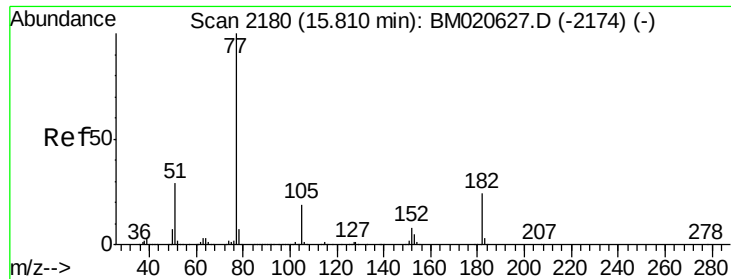
mohammad
6/5/2019 8:46:21 AM



#62
4-Nitroaniline
Concen: 41.700 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion:138 Resp: 528379
Ion Ratio Lower Upper
138 100
92 54.3 36.7 76.7
108 87.7 70.3 110.3





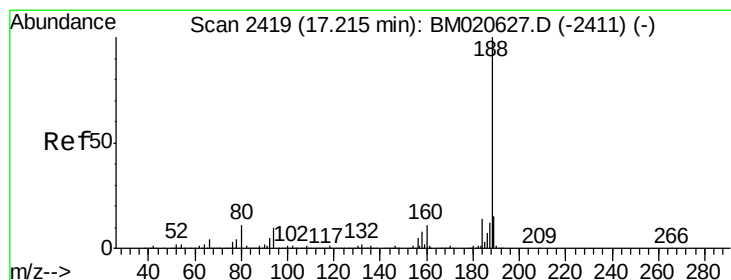
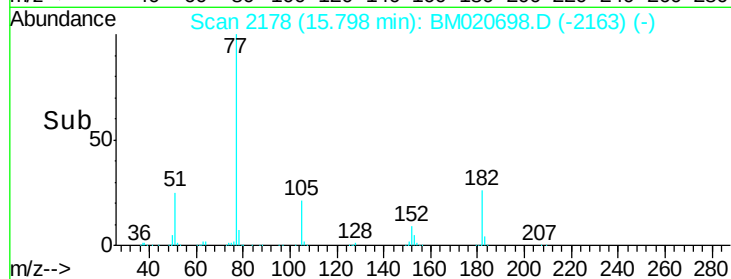
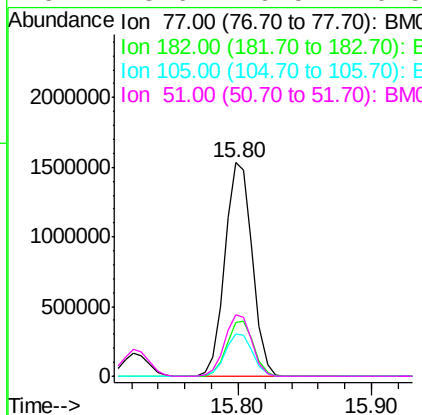
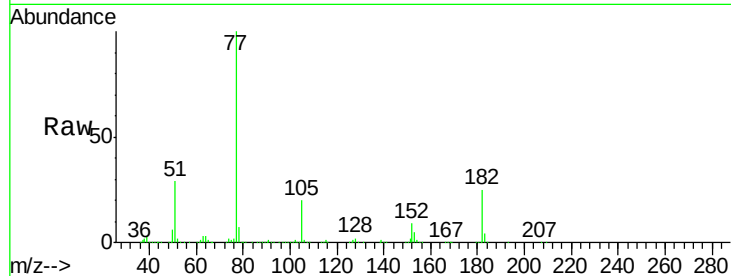
#63
Azobenzene
Concen: 42.018 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.2	3.6	43.6	
105	20.0	0.0	39.4	
51	28.6	9.5	49.5	

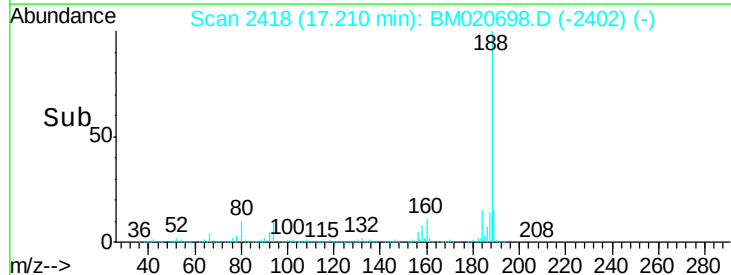
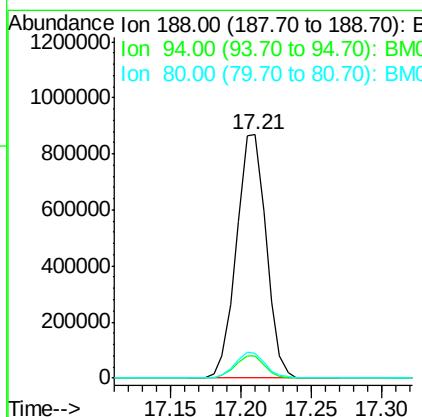
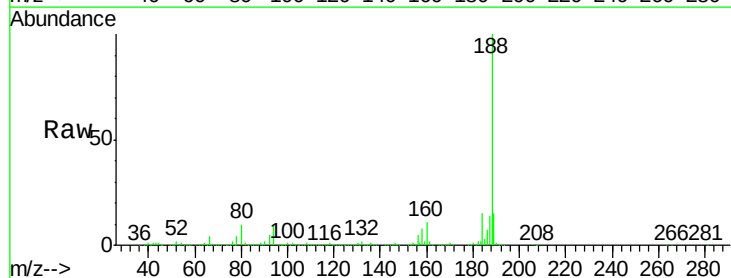
Manual Integrations
APPROVED

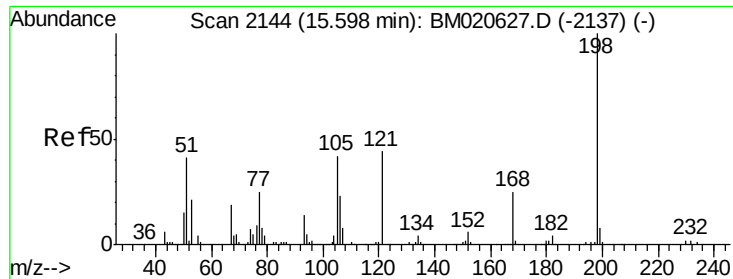
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.0	7.8	11.8	
80	10.3	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 42.974 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMS

Tot Ion:198 Resp: 243213

Ion Ratio Lower Upper

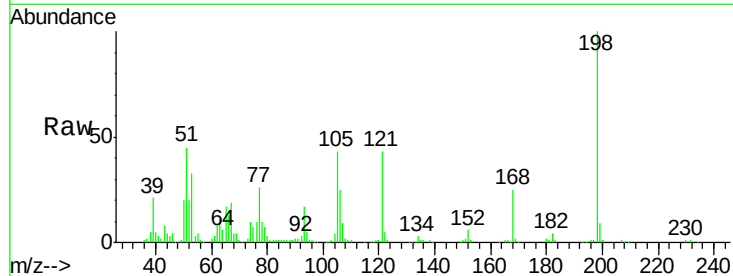
198 100

51 45.1 27.7 67.7

105 42.7 23.8 63.8

Manual Integrations
APPROVED

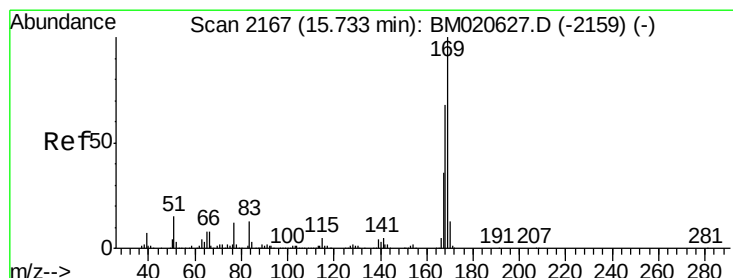
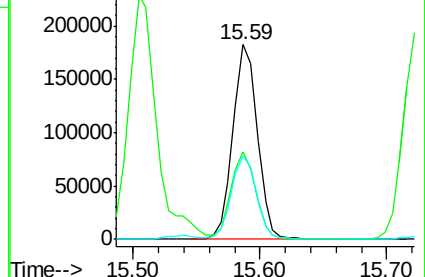
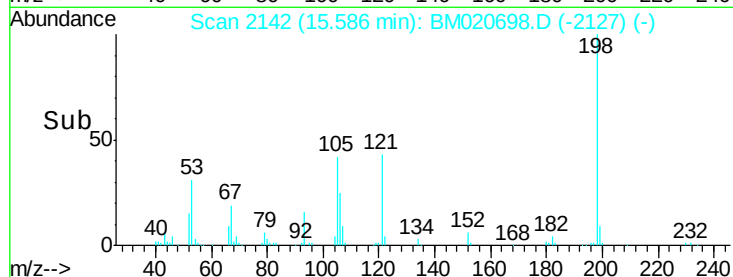
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.257 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

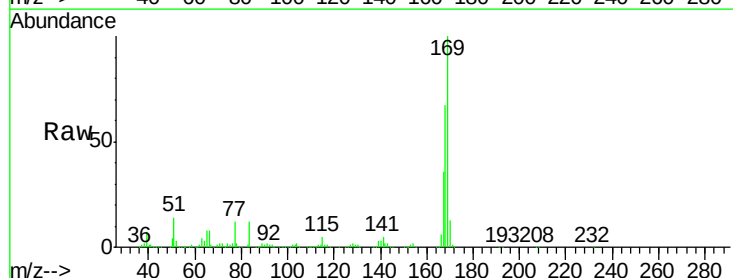
Tgt Ion:169 Resp: 1932461

Ion Ratio Lower Upper

169 100

168 67.5 54.2 81.4

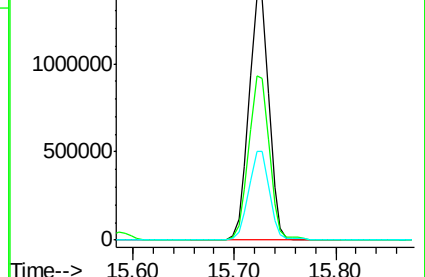
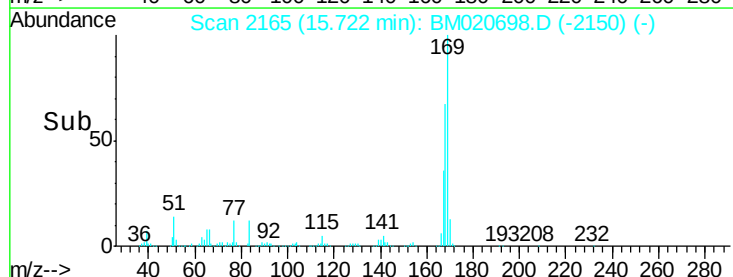
167 36.3 29.1 43.7

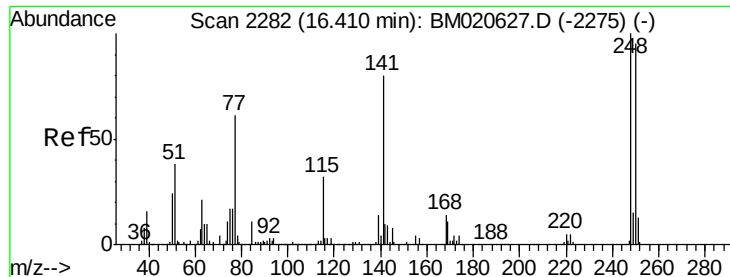


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





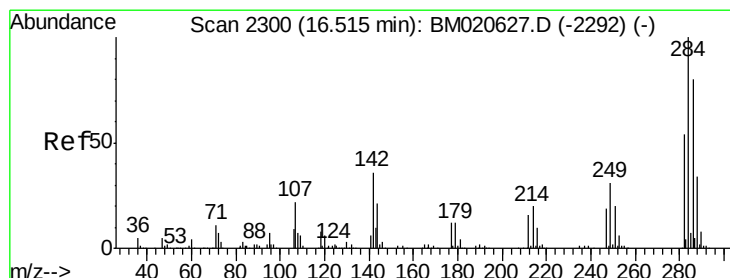
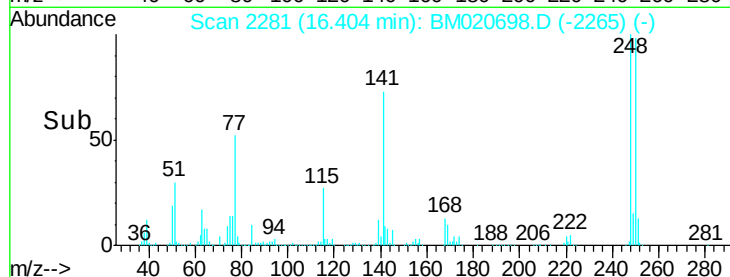
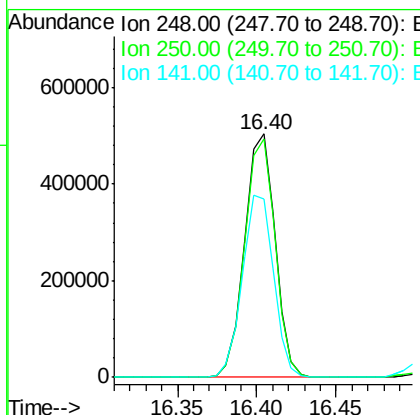
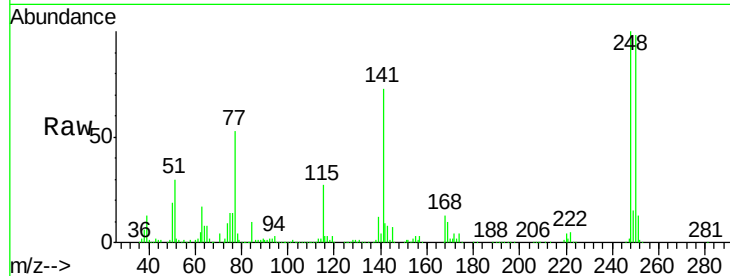
#67
4-Bromophenyl-phenylether
Concen: 44.928 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.3	114.5
141	73.1	64.2	96.2

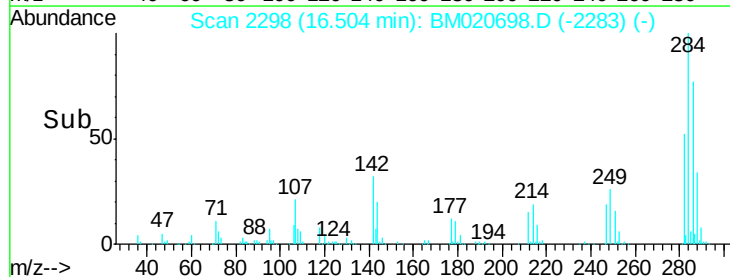
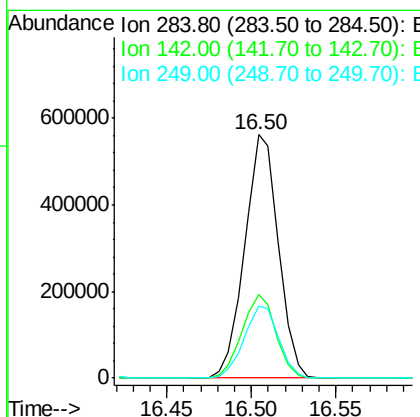
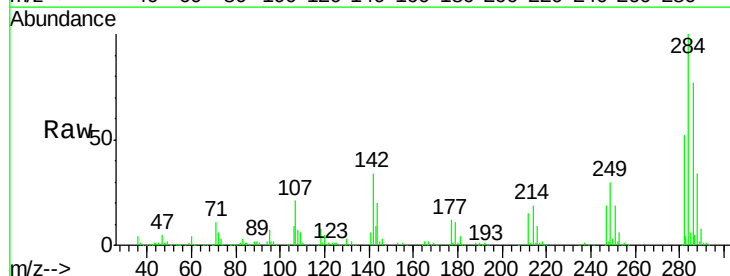
Manual Integrations
APPROVED

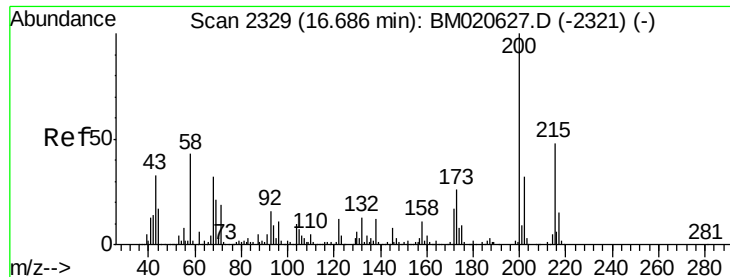
mohammad
6/5/2019 8:46:21 AM



#68
Hexachlorobenzene
Concen: 44.549 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.2	28.6	42.8
249	29.6	25.0	37.4





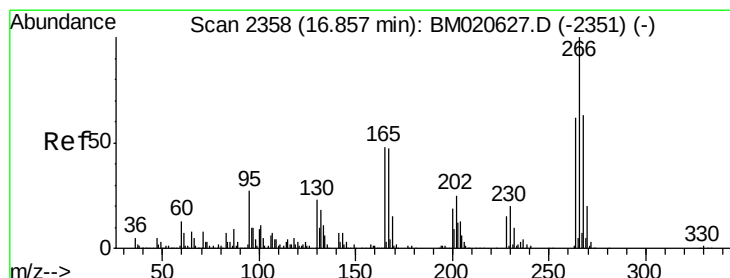
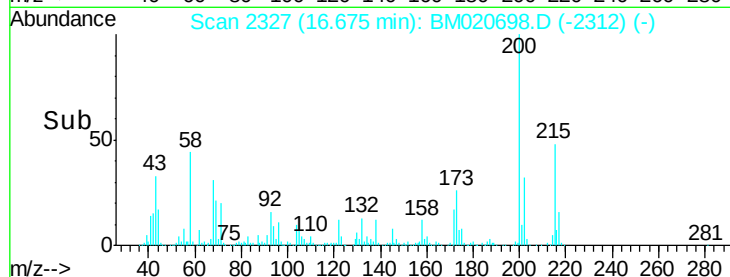
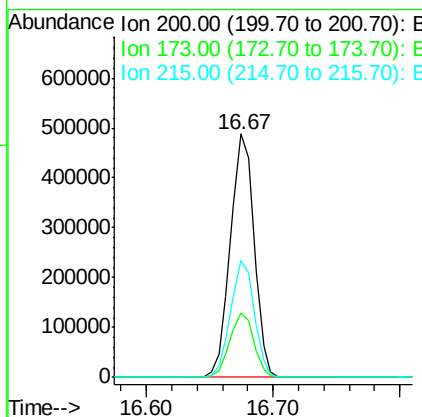
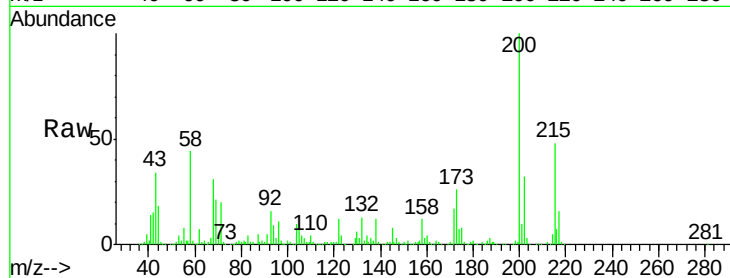
#69
Atrazine
Concen: 51.695 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	6.2	46.2
215	47.9	27.7	67.7

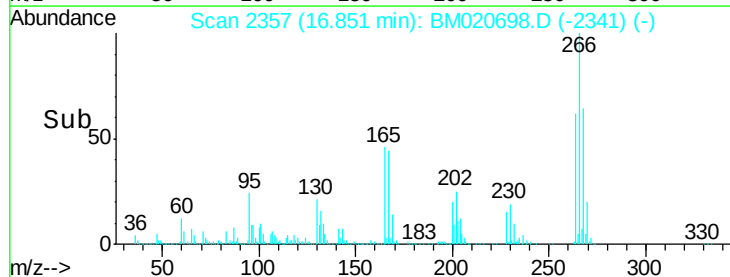
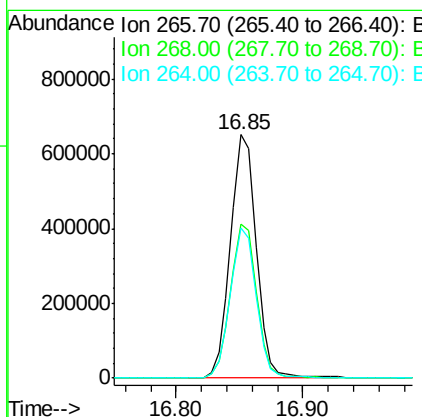
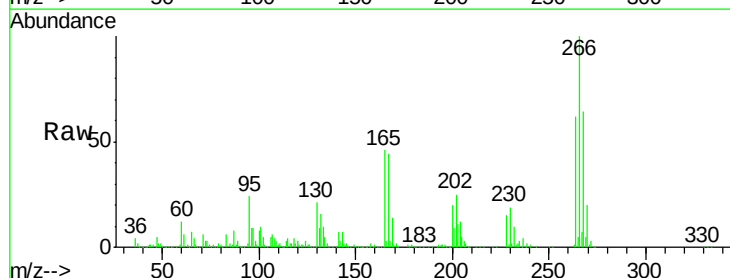
Manual Integrations
APPROVED

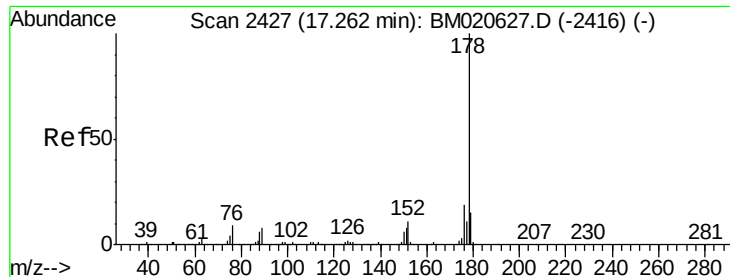
mohammad
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#70
Pentachlorophenol
Concen: 109.602 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	50.6	75.8
264	61.6	49.6	74.4





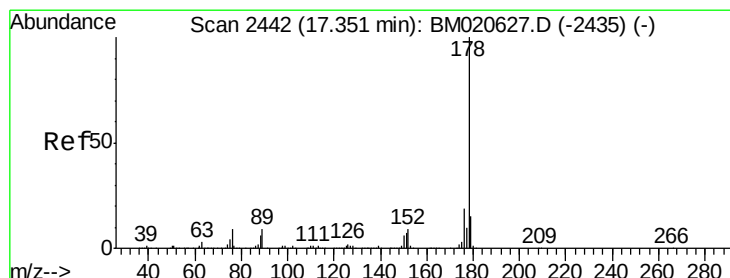
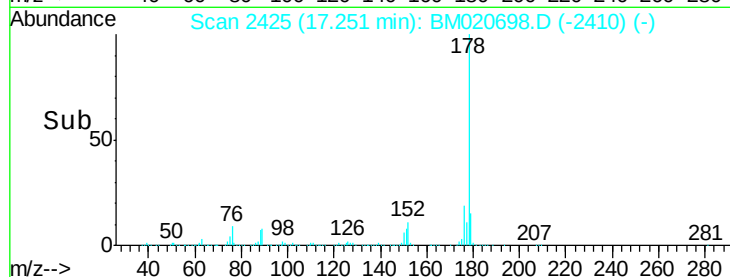
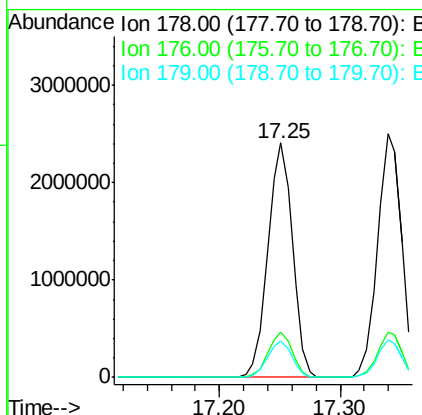
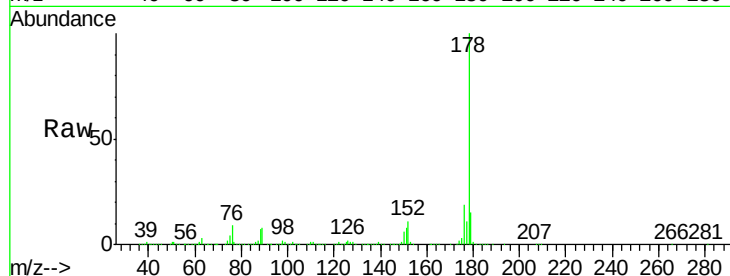
#71
Phenanthrene
Concen: 46.469 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.4	12.2	18.4

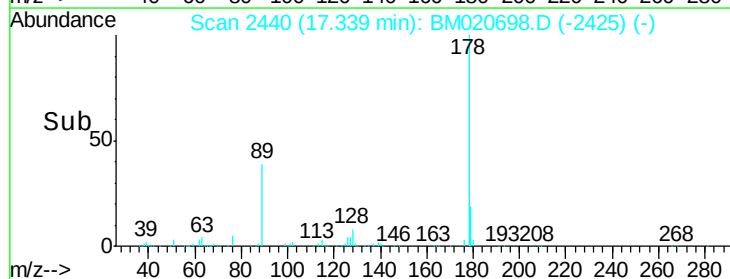
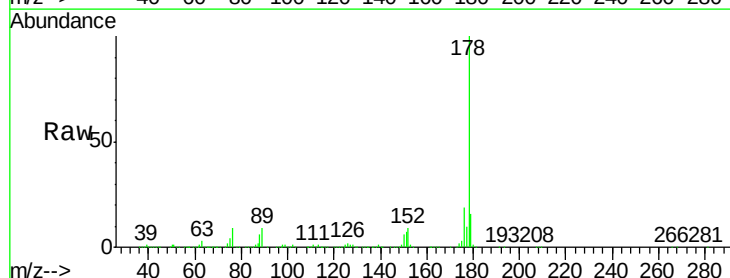
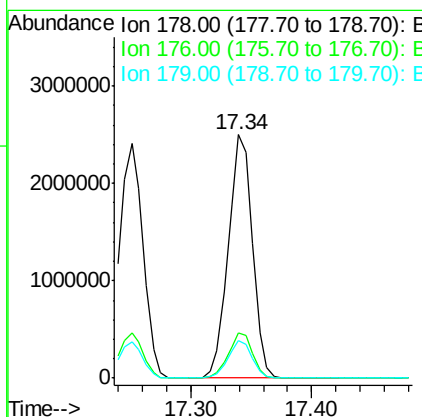
Manual Integrations
APPROVED

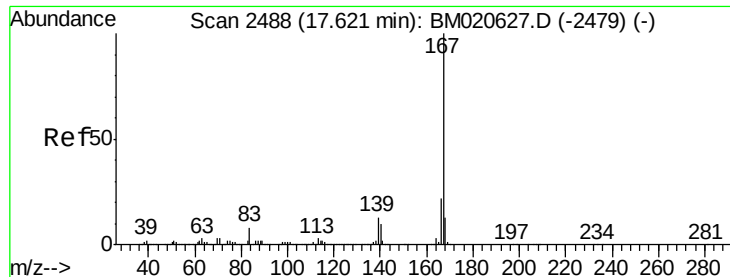
mohammad
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#72
Anthracene
Concen: 47.907 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.5	12.3	18.5





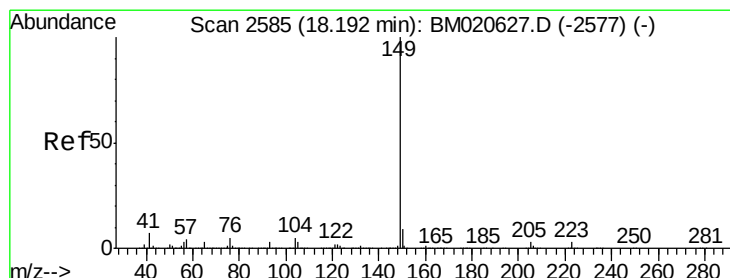
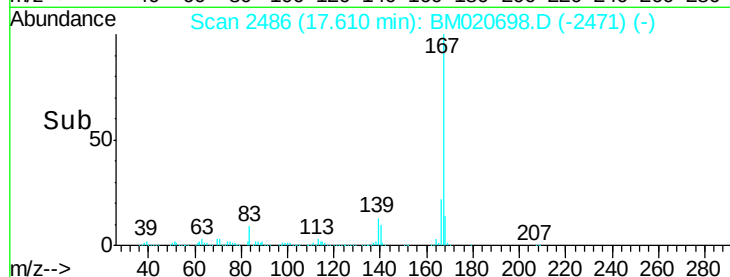
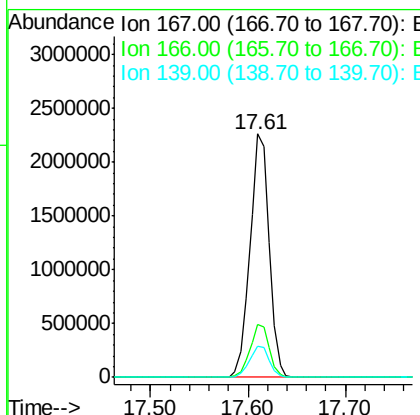
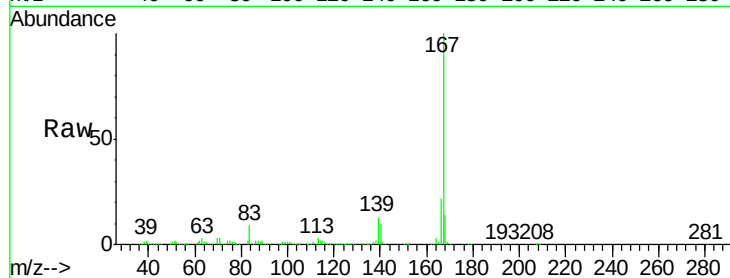
#73
 Carbazole
 Concen: 47.569 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.5	26.3
139	13.0	10.6	15.8

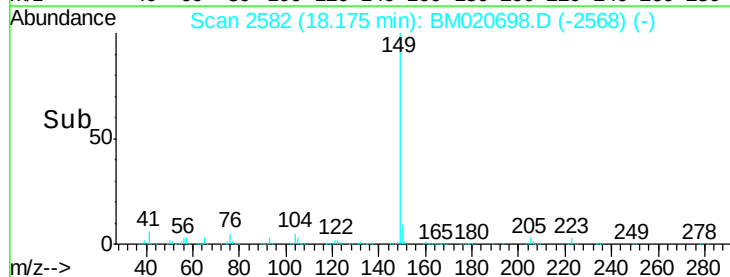
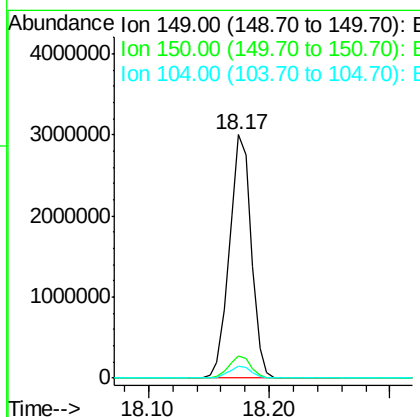
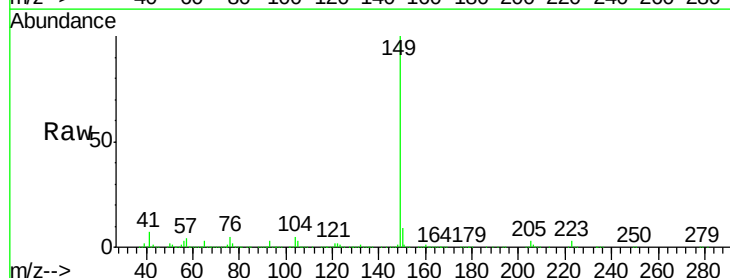
Manual Integrations
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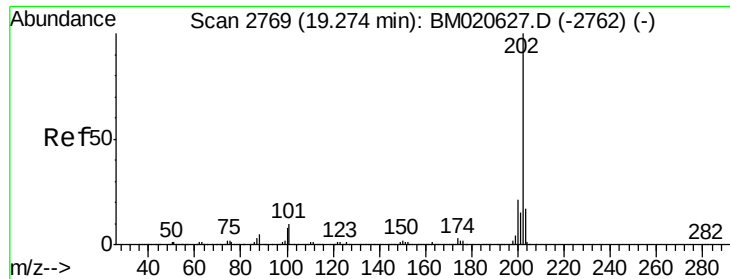
mohammad
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#74
 Di-n-butylphthalate
 Concen: 44.173 ng
 RT: 18.17 min Scan# 2582
 Delta R.T. -0.02 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.2	10.8
104	4.9	4.2	6.2





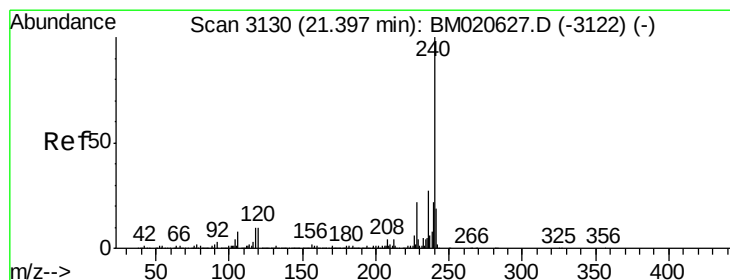
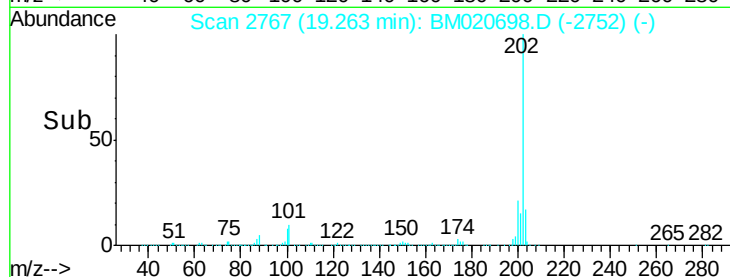
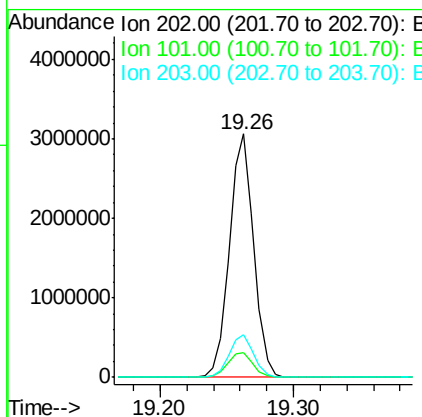
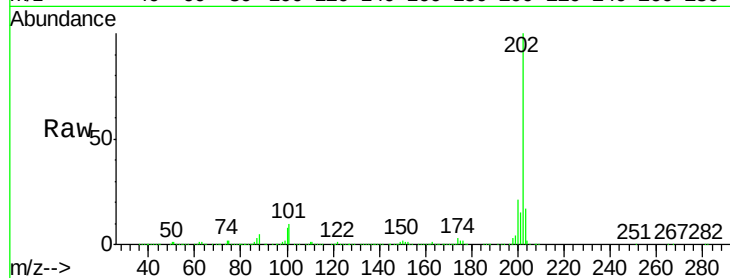
#75
Fluoranthene
Concen: 48.034 ng
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.4
203	17.3	0.0	37.3

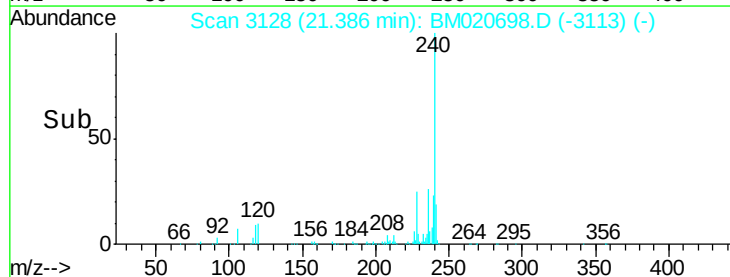
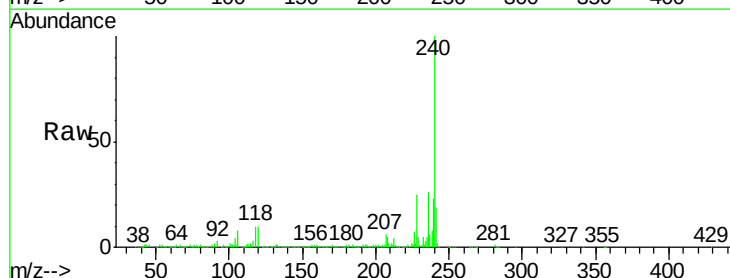
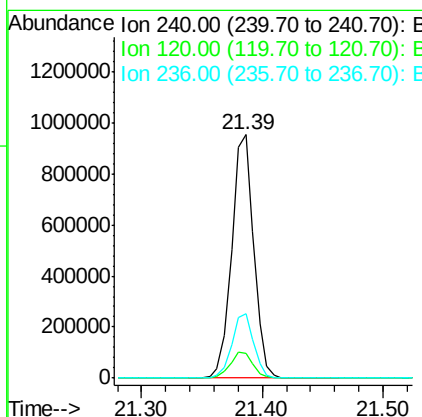
Manual Integrations
APPROVED

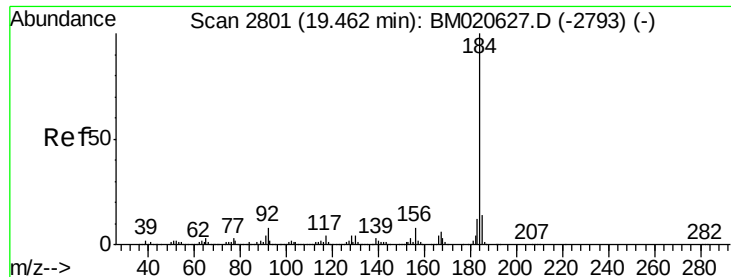
mohammad
6/5/2019 8:46:21 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.39 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	26.4	21.2	31.8





#77

Benzidine

Concen: 54.356 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMS

Tot Ion:184 Resp: 1992720

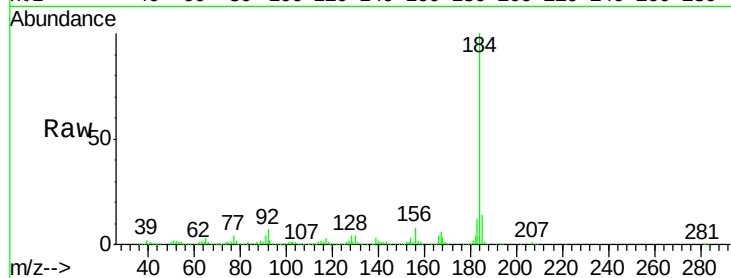
Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	12.2	9.8	14.6

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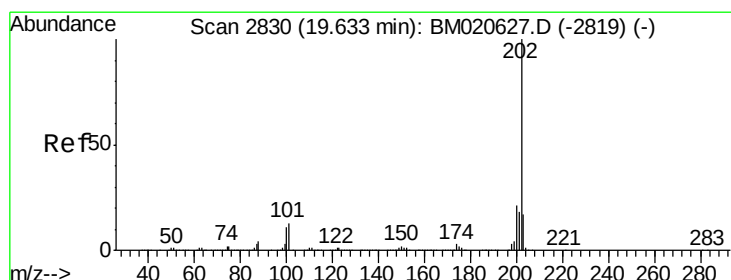
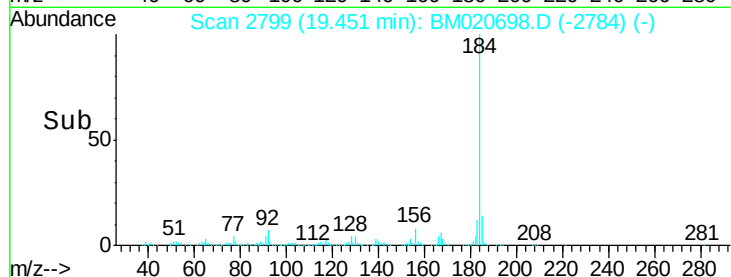
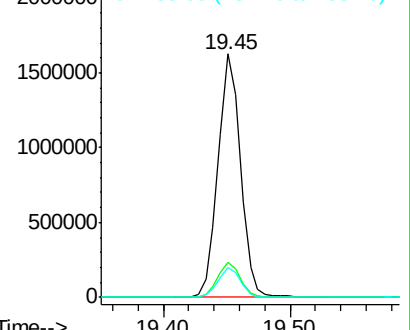


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.520 ng

RT: 19.63 min Scan# 2829

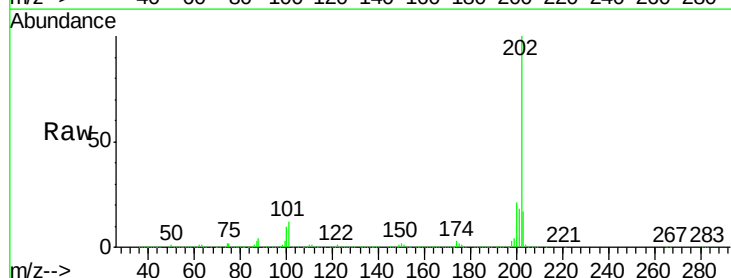
Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Tgt Ion:202 Resp: 3947766

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.4	13.9	20.9

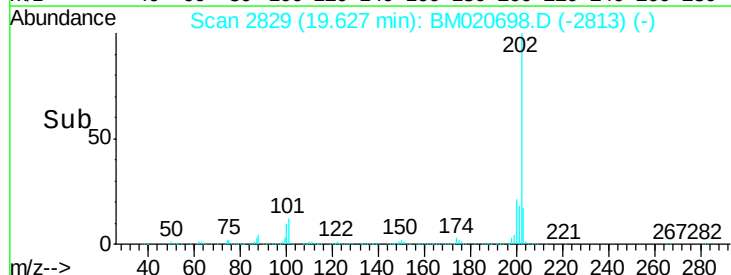
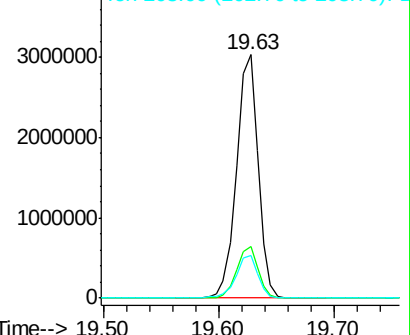


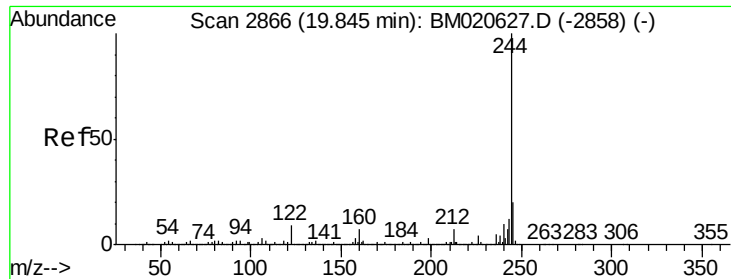
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





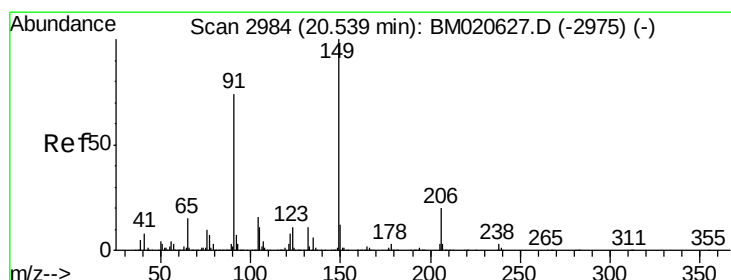
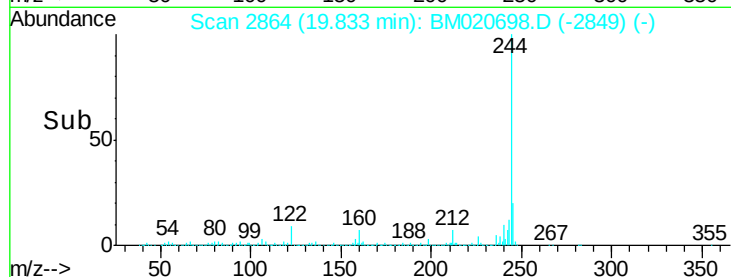
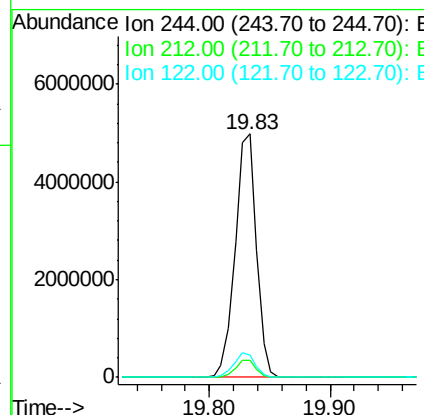
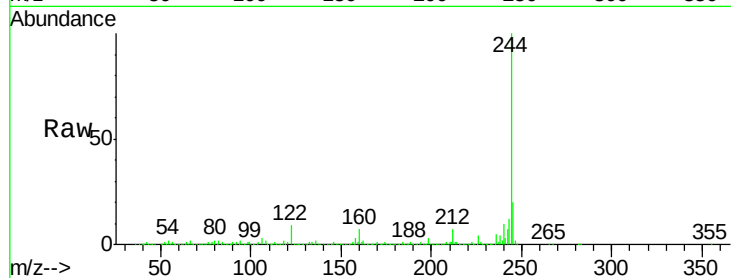
#79
 Terphenyl-d14
 Concen: 84.296 ng
 RT: 19.83 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Instrument :
 BNA_M
 ClientSampleId :
 TP-1A-DMS

Tot Ion:244 Resp: 6097419
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.9 7.2 10.8

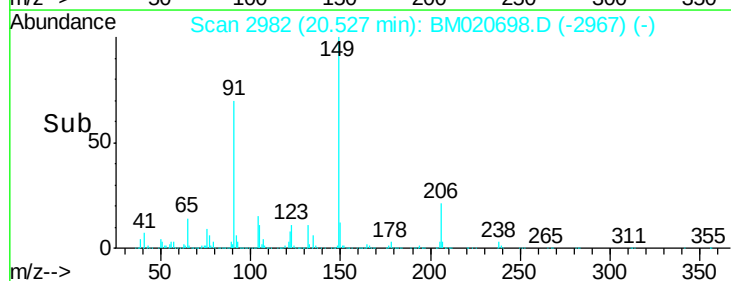
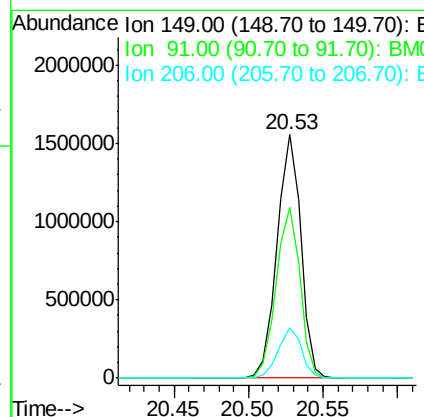
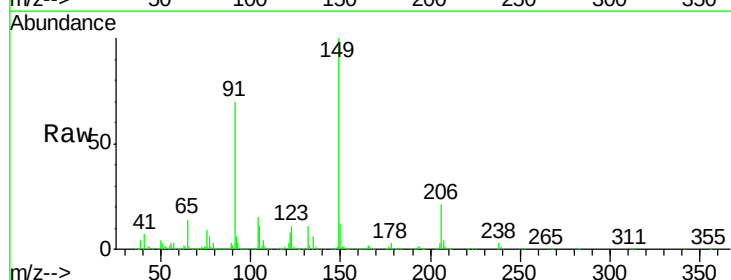
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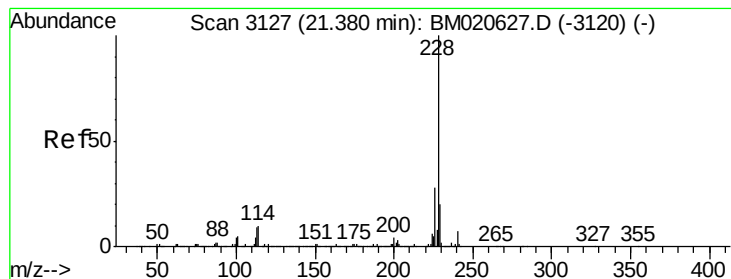
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.991 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020698.D
 Acq: 04 Jun 2019 10:06

Tgt Ion:149 Resp: 1726033
 Ion Ratio Lower Upper
 149 100
 91 69.8 59.6 89.4
 206 20.7 15.7 23.5





#81

Benzo(a)anthracene

Concen: 44.573 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMS

Tot Ion:228 Resp: 3755492

Ion Ratio Lower Upper

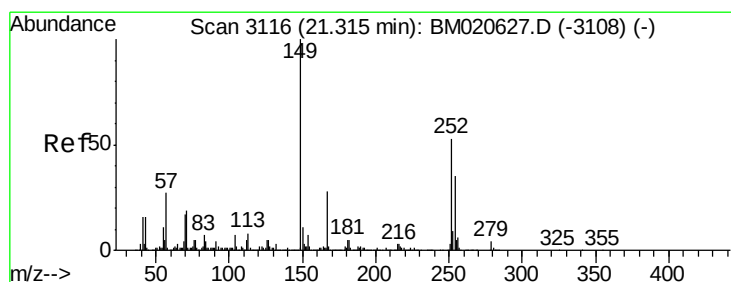
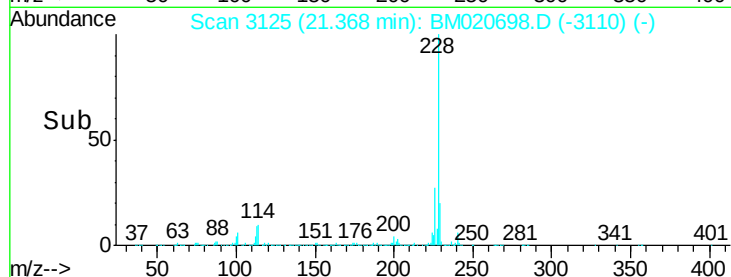
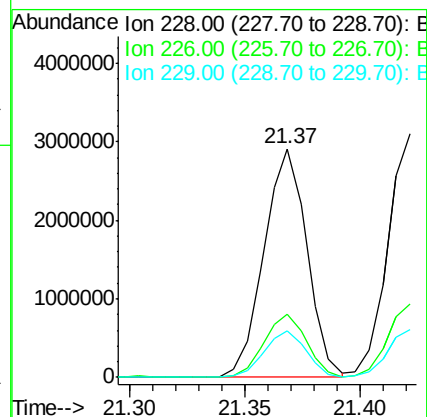
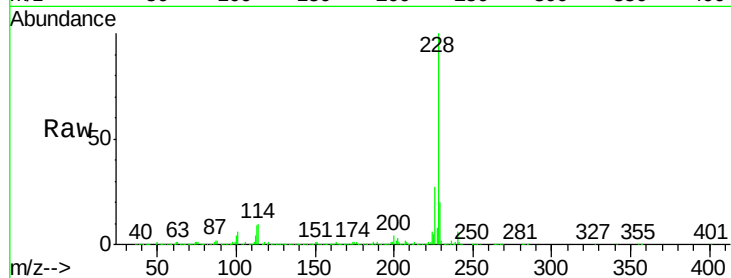
228 100

226 27.4 22.3 33.5

229 20.1 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 31.675 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

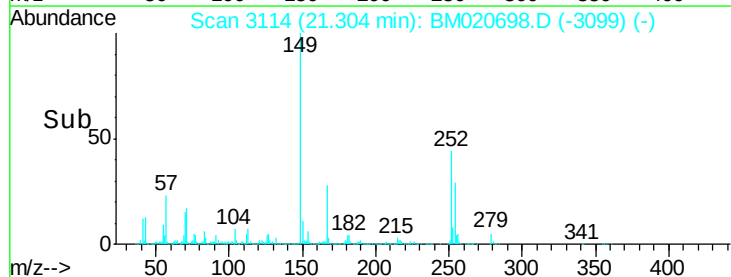
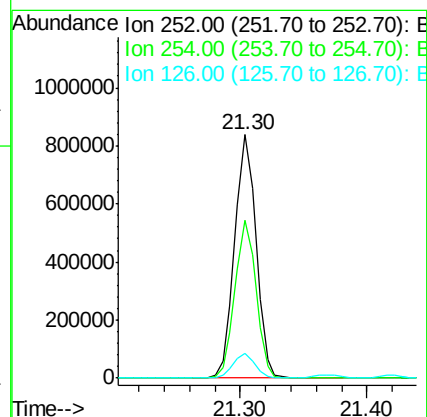
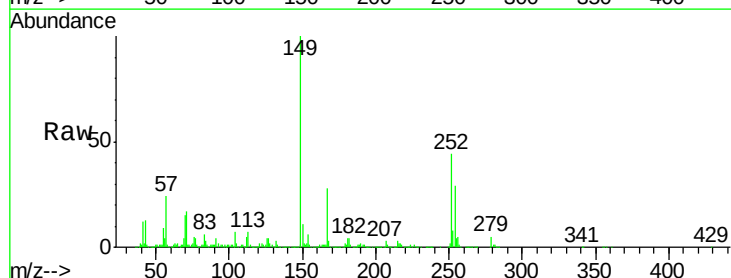
Tgt Ion:252 Resp: 977279

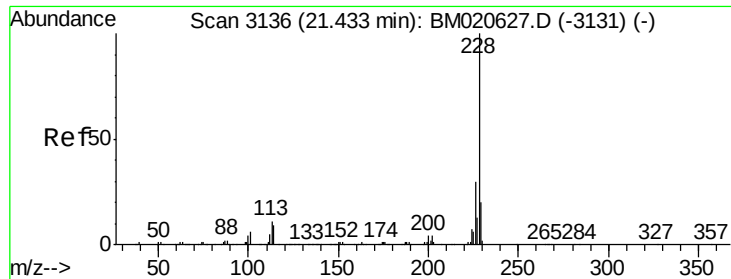
Ion Ratio Lower Upper

252 100

254 64.6 52.6 78.8

126 10.1 8.0 12.0





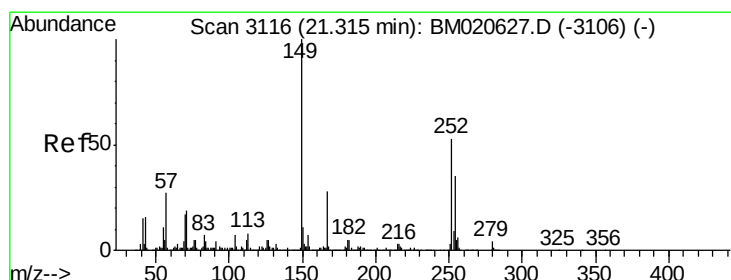
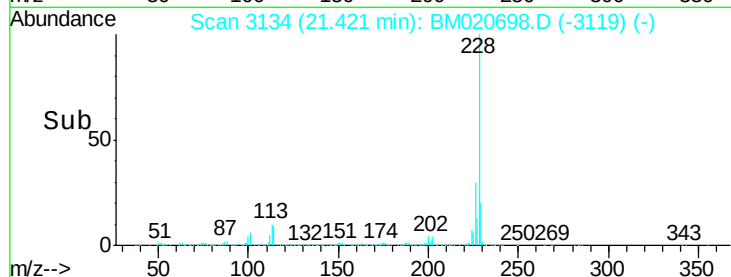
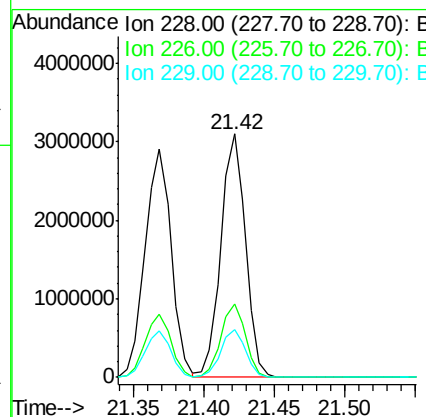
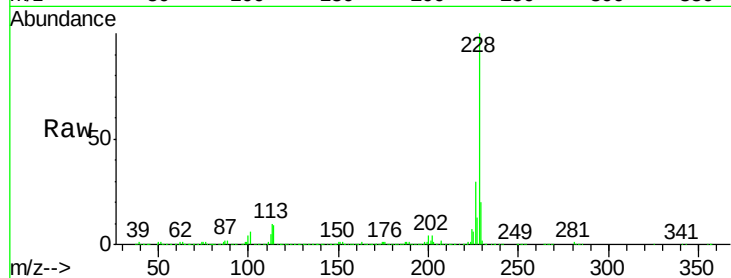
#83
Chrysene
Concen: 46.766 ng
RT: 21.42 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion:228 Resp: 3745463
Ion Ratio Lower Upper
228 100
226 30.2 24.2 36.2
229 19.6 15.8 23.6

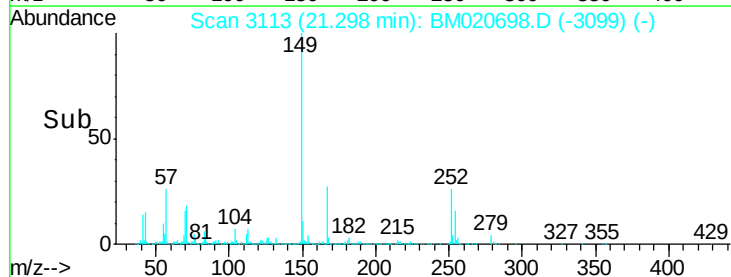
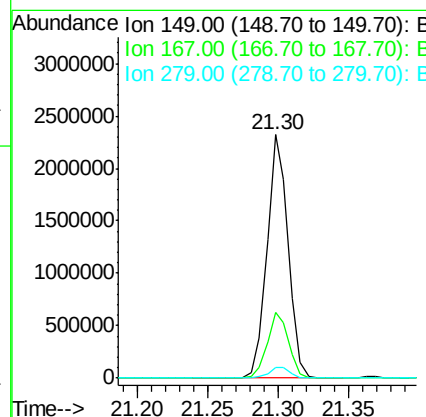
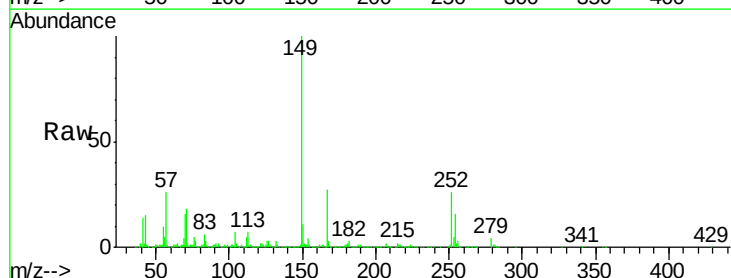
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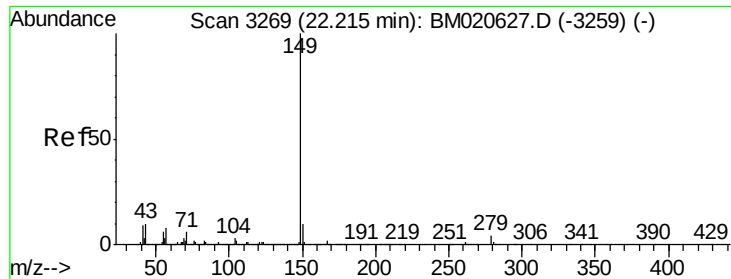
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.751 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.02 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion:149 Resp: 2437882
Ion Ratio Lower Upper
149 100
167 26.9 22.1 33.1
279 4.3 3.4 5.0





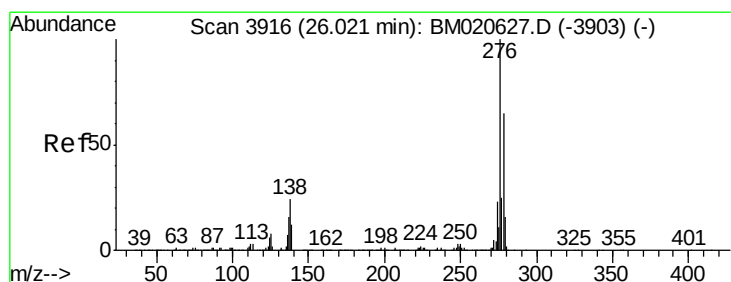
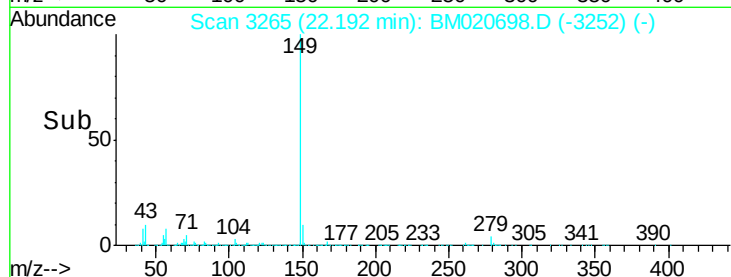
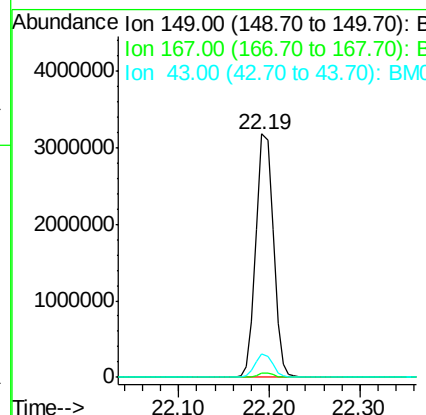
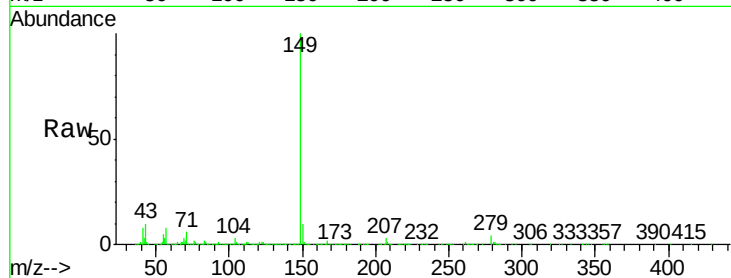
#85
Di-n-octyl phthalate
Concen: 46.687 ng
RT: 22.19 min Scan# 3265
Delta R.T. -0.02 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	8.2	12.4

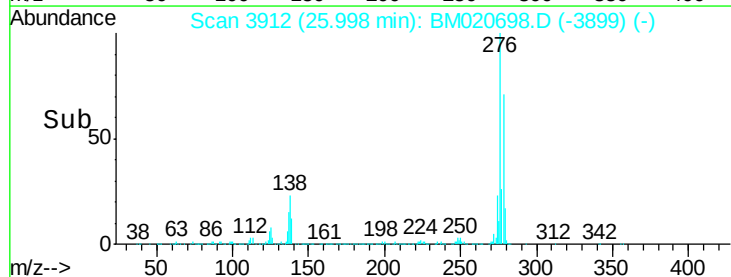
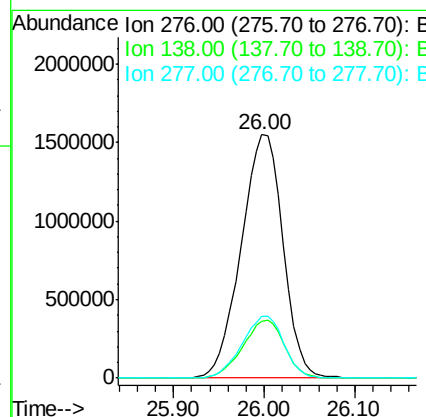
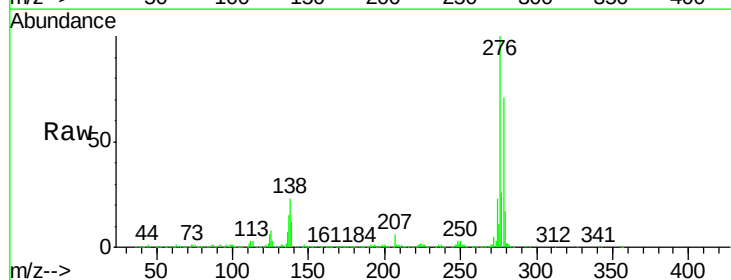
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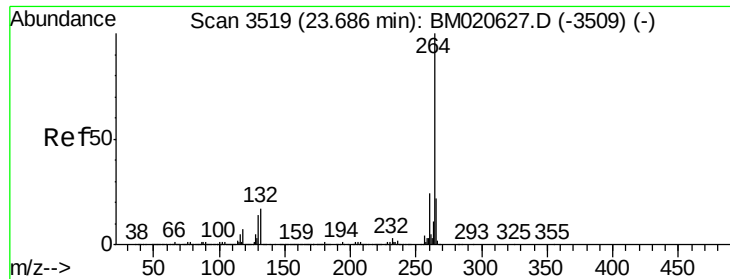
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 60.296 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.02 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.8	29.8
277	25.4	20.2	30.4





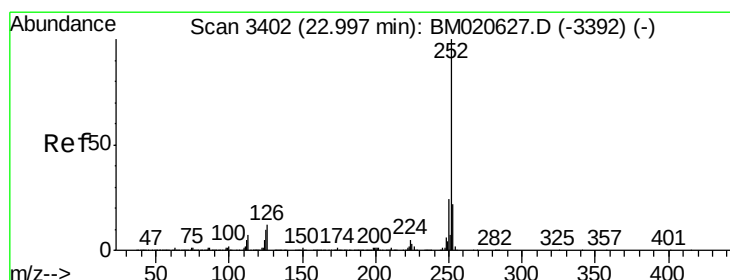
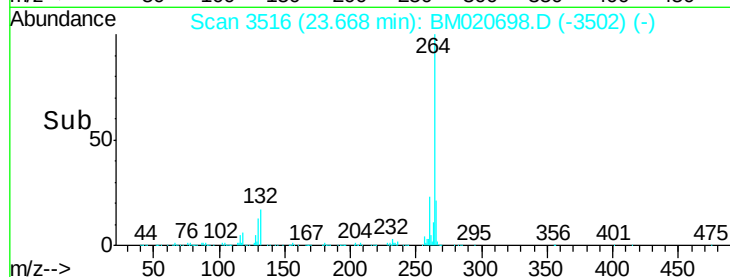
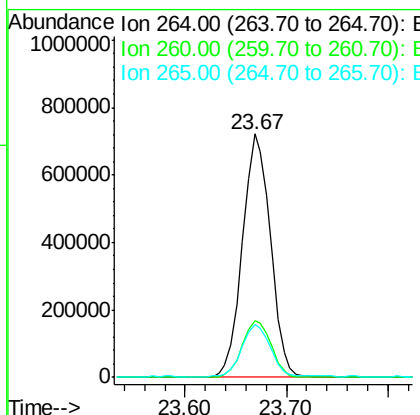
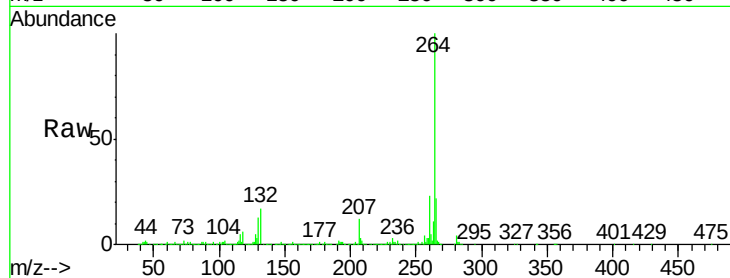
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.5	19.2	28.8	
265	21.7	17.6	26.4	

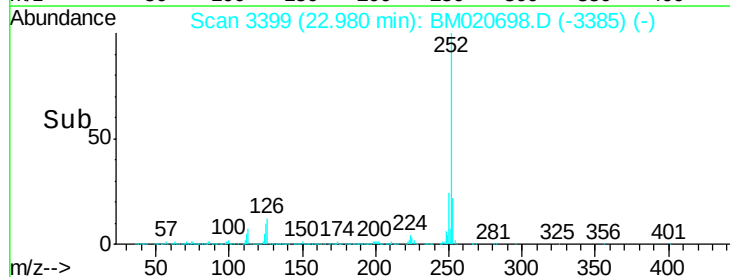
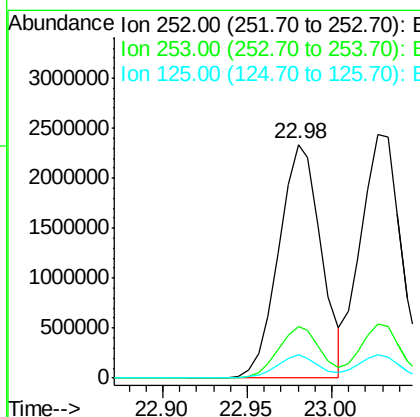
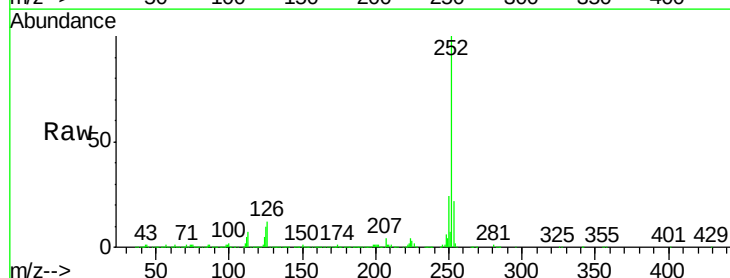
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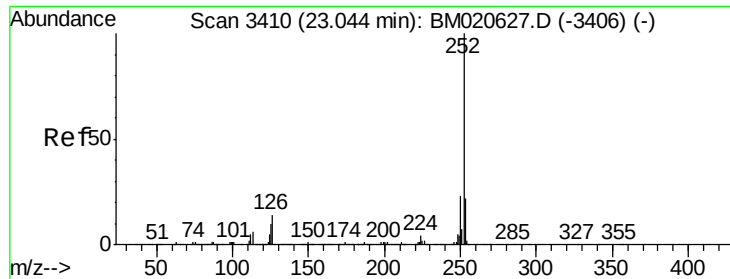
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.433 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion	Ion	Ratio	Lower	Upper
252	100			
253	22.3	17.4	26.2	
125	9.8	7.8	11.8	





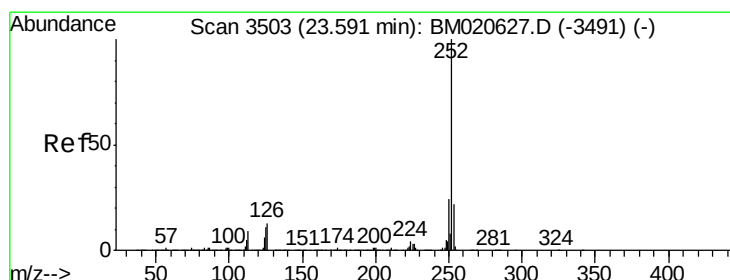
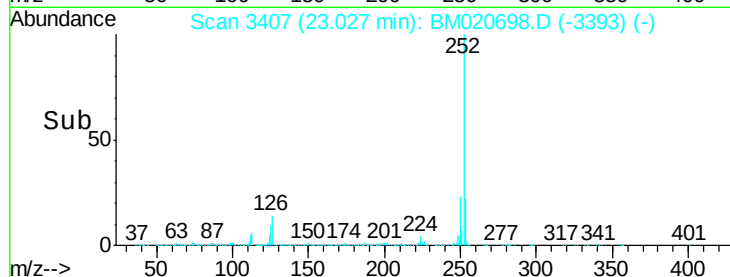
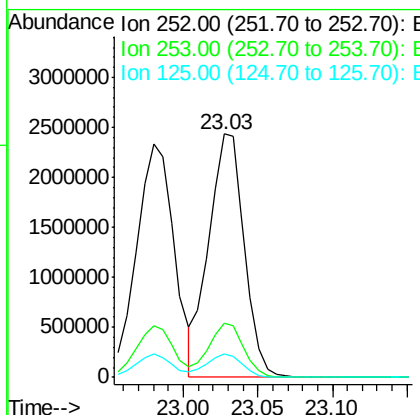
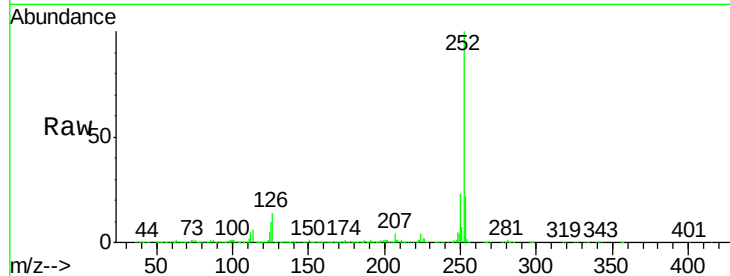
#89
Benzo(k)fluoranthene
Concen: 44.898 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Instrument :
BNA_M
ClientSampleId :
TP-1A-DMS

Tot Ion:252 Resp: 4029930
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.7 7.8 11.8

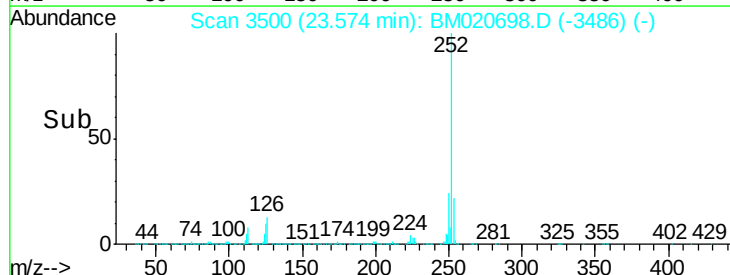
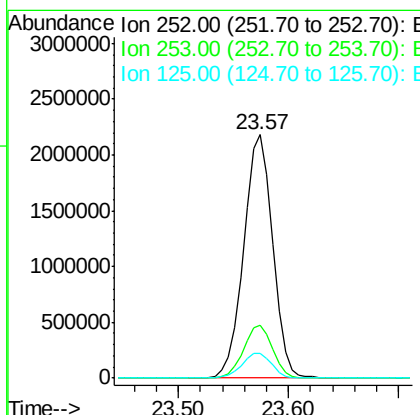
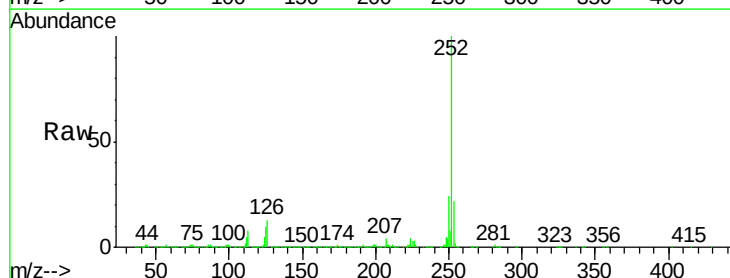
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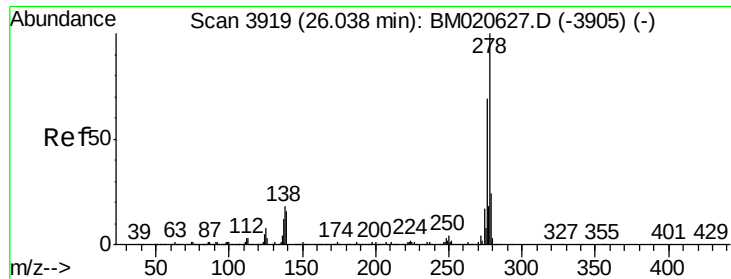
mohammad
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#90
Benzo(a)pyrene
Concen: 48.230 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020698.D
Acq: 04 Jun 2019 10:06

Tgt Ion:252 Resp: 4018005
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 51.860 ng

RT: 26.02 min Scan# 3915

Delta R.T. -0.02 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

Instrument :

BNA_M

ClientSampleId :

TP-1A-DMS

Tot Ion:278 Resp: 4191528

Ion Ratio Lower Upper

278 100

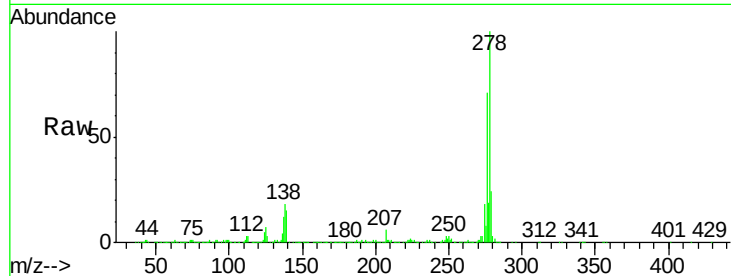
139 14.9 12.6 18.8

279 23.8 19.0 28.6

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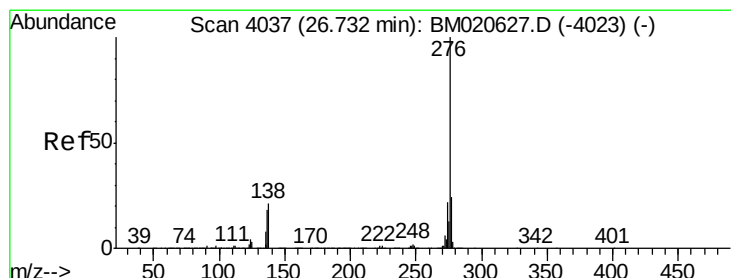
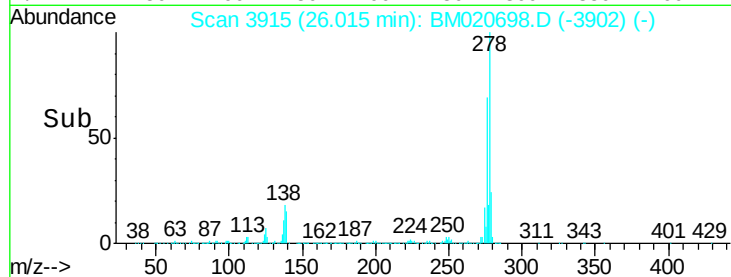
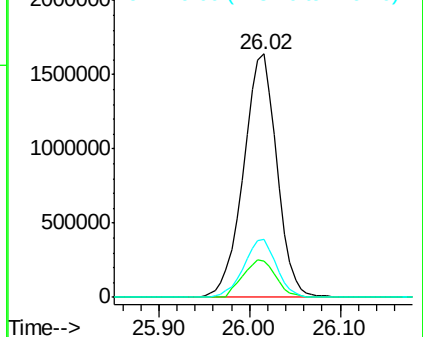
6/5/2019 8:46:21 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.733 ng

RT: 26.72 min Scan# 4034

Delta R.T. -0.02 min

Lab File: BM020698.D

Acq: 04 Jun 2019 10:06

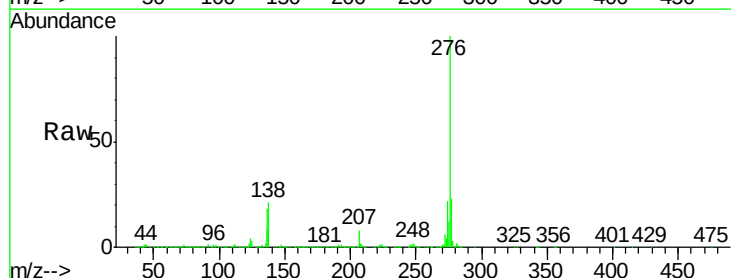
Tgt Ion:276 Resp: 4033878

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 20.6 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

