

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012919\
 Data File : BM018681.D
 Acq On : 29 Jan 2019 17:22
 Operator : JU/SJ
 Sample : PB116697BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116697BS

Manual Integrations
 APPROVED

mohammad
 1/30/2019 11:10:34 AM

Quant Time: Jan 29 18:05:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	231470	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	856098	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	433594	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	875839	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	797471	20.00	ng	-0.01
87) Perylene-d12	23.59	264	769783	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1823942	145.50	ng	-0.01
7) Phenol-d6	6.90	99	2261070	142.01	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1318258	89.27	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	728440	131.94	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2719003	81.83	ng	-0.01
79) Terphenyl-d14	19.76	244	3388557	89.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	218518	42.769	ng	# 83
3) Pyridine	3.66	79	577694	45.352	ng	# 77
4) n-Nitrosodimethylamine	3.58	42	187408	35.579	ng	# 53
6) Aniline	7.06	93	635606	35.787	ng	100
8) 2-Chlorophenol	7.29	128	583116	39.829	ng	98
9) Benzaldehyde	6.88	77	147254	13.419	ng	90
10) Phenol	6.93	94	688438	42.551	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	519989	40.903	ng	94
12) 1,3-Dichlorobenzene	7.61	146	670816	38.474	ng	96
13) 1,4-Dichlorobenzene	7.76	146	680821	38.526	ng	98
14) 1,2-Dichlorobenzene	8.07	146	642725	38.356	ng	99
15) Benzyl Alcohol	7.97	79	504002	43.827	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	458714	28.235	ng	75
17) 2-Methylphenol	8.17	107	453614	41.304	ng	97
18) Hexachloroethane	8.79	117	247194	39.231	ng	98
19) n-Nitroso-di-n-propylamine	8.53	70	428204	41.327	ng	# 76
20) 3+4-Methylphenols	8.50	107	609818	40.223	ng	97
22) Acetophenone	8.55	105	809229	38.211	ng	# 91
24) Nitrobenzene	8.93	77	645646	44.434	ng	95
25) Isophorone	9.45	82	1061552	47.470	ng	98
26) 2-Nitrophenol	9.64	139	288872	41.115	ng	97
27) 2,4-Dimethylphenol	9.69	122	478457	45.433	ng	95
28) bis(2-Chloroethoxy)methane	9.93	93	670338	43.392	ng	97
29) 2,4-Dichlorophenol	10.16	162	508696	40.566	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	597713	38.401	ng	98
31) Naphthalene	10.56	128	1707278	41.409	ng	100
32) Benzoic acid	9.83	122	300065m	43.089	ng	
33) 4-Chloroaniline	10.69	127	265033	16.322	ng	97
34) Hexachlorobutadiene	10.83	225	374857	38.122	ng	99
35) Caprolactam	11.50	113	127364m	29.873	ng	
36) 4-Chloro-3-methylphenol	11.81	107	509236	38.707	ng	95
37) 2-Methylnaphthalene	12.18	142	1195615	41.044	ng	99
38) 1-Methylnaphthalene	12.40	142	1127515	40.003	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	622601	41.062	ng	98

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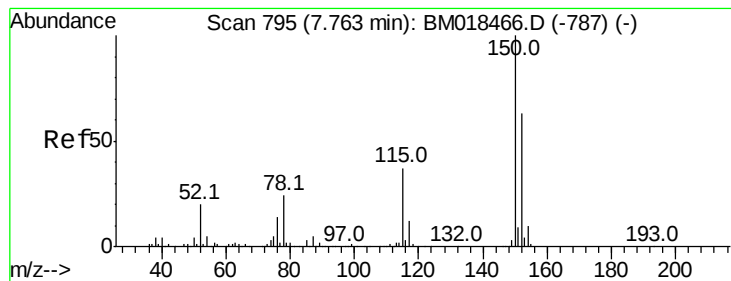
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 1/30/2019 11:10:34 AM

Quant Time: Jan 29 18:05:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	834312	100.258	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	382788	41.573	ng	99
44) 2,4,5-Trichlorophenol	12.87	196	403025	41.619	ng	100
46) 1,1'-Biphenyl	13.20	154	1456619	38.475	ng	100
47) 2-Chloronaphthalene	13.25	162	1135485	38.677	ng	100
48) 2-Nitroaniline	13.46	65	296403	41.037	ng	96
49) Acenaphthylene	14.10	152	1757191	41.071	ng	100
50) Dimethylphthalate	13.84	163	1312695	36.863	ng	100
51) 2,6-Dinitrotoluene	13.96	165	287371	38.098	ng	97
52) Acenaphthene	14.44	154	1006534	38.450	ng	99
53) 3-Nitroaniline	14.30	138	165253	21.731	ng	93
54) 2,4-Dinitrophenol	14.50	184	296834	73.351	ng	97
55) Dibenzofuran	14.77	168	1619676	37.446	ng	98
56) 4-Nitrophenol	14.60	139	465944	70.924	ng	90
57) 2,4-Dinitrotoluene	14.75	165	379038	35.515	ng	92
58) Fluorene	15.43	166	1266705	39.313	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	346919	40.417	ng	99
60) Diethylphthalate	15.20	149	1291052	35.914	ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	664342	35.774	ng	98
62) 4-Nitroaniline	15.47	138	241512	29.116	ng	96
63) Azobenzene	15.72	77	1219899	41.621	ng	93
65) 4,6-Dinitro-2-methylphenol	15.51	198	198214	36.910	ng	89
66) n-Nitrosodiphenylamine	15.64	169	1091838	40.188	ng	99
67) 4-Bromophenyl-phenylether	16.32	248	379881	38.759	ng	97
68) Hexachlorobenzene	16.42	284	423924	38.636	ng	98
69) Atrazine	16.60	200	367962	37.464	ng	98
70) Pentachlorophenol	16.77	266	501337	69.766	ng	98
71) Phenanthrene	17.17	178	1880405	40.364	ng	100
72) Anthracene	17.26	178	1887051	42.124	ng	100
73) Carbazole	17.54	167	1645874	35.761	ng	99
74) Di-n-butylphthalate	18.09	149	1949497	38.670	ng	100
75) Fluoranthene	19.19	202	2036909	37.924	ng	98
77) Benzidine	19.39	184	925628	47.008	ng	99
78) Pyrene	19.56	202	2091614	44.248	ng	100
80) Butylbenzylphthalate	20.46	149	818294	40.569	ng	96
81) Benzo(a)anthracene	21.30	228	1950376	41.515	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	516682	29.084	ng	100
83) Chrysene	21.36	228	1829953	40.337	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1145407	39.325	ng	100
85) Di-n-octyl phthalate	22.12	149	1934651	39.492	ng	# 91
86) Indeno(1,2,3-cd)pyrene	25.89	276	2259687	43.196	ng	97
88) Benzo(b)fluoranthene	22.90	252	1865096	42.677	ng	99
89) Benzo(k)fluoranthene	22.95	252	1841347	41.809	ng	99
90) Benzo(a)pyrene	23.49	252	1817546	43.442	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	1904390	44.922	ng	98
92) Benzo(g,h,i)perylene	26.59	276	1911527	46.336	ng	98

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



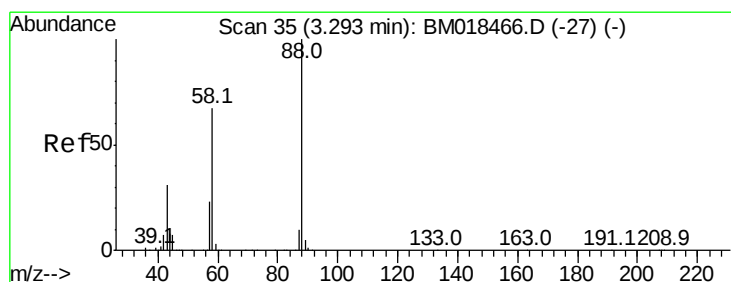
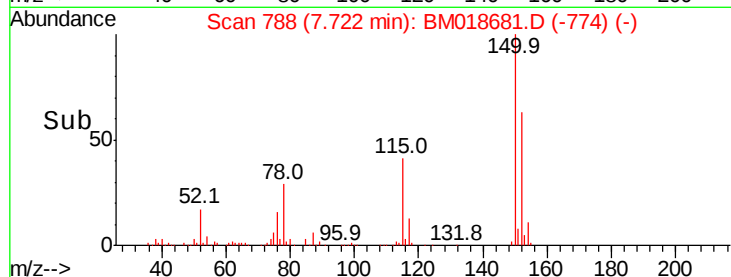
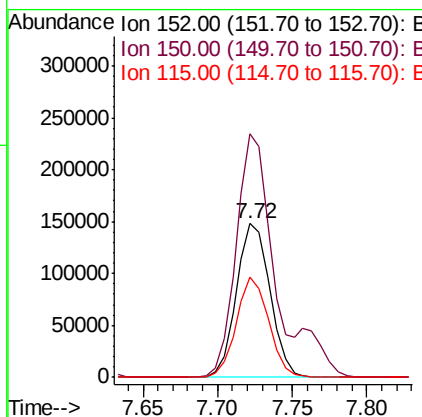
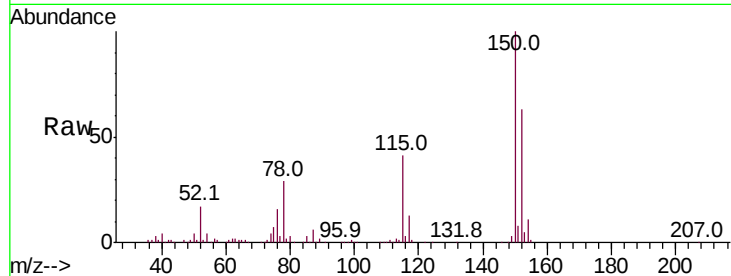
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.9	190.3
115	65.2	45.5	68.3

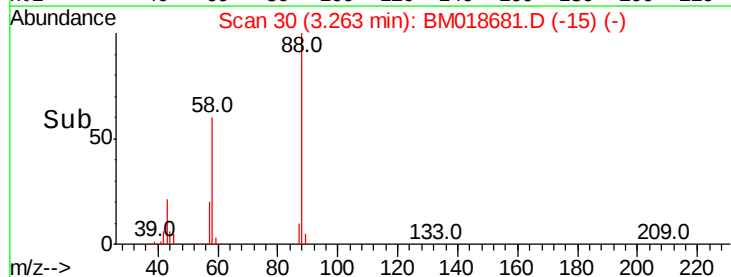
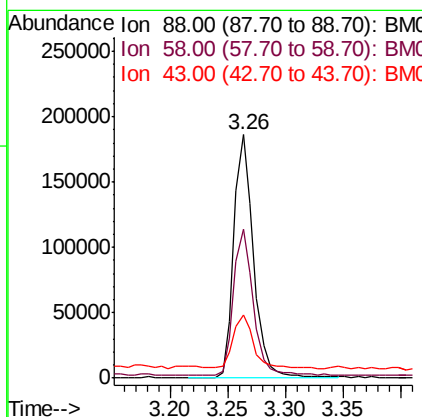
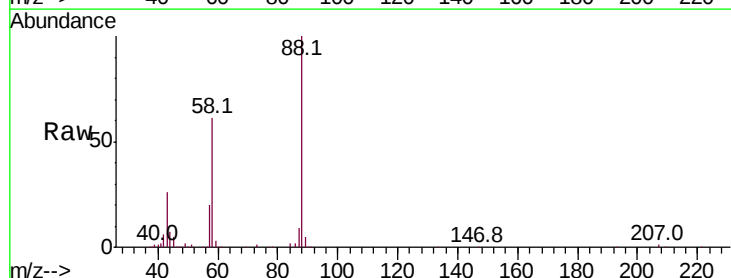
Manual Integrations
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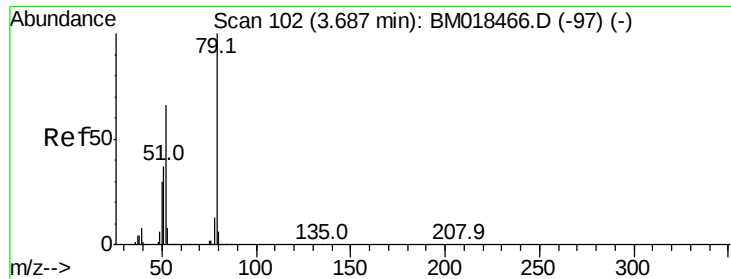
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#2
1,4-Dioxane
Concen: 42.769 ng
RT: 3.26 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	58.4	87.6
43	23.0	26.2	39.4





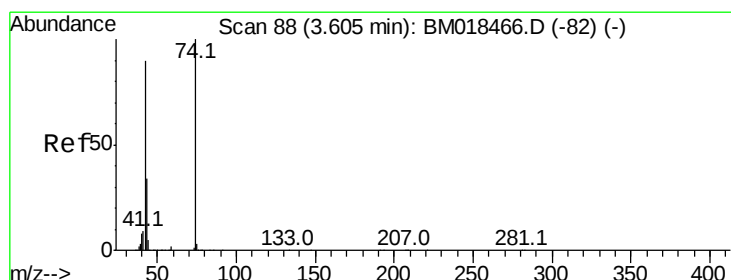
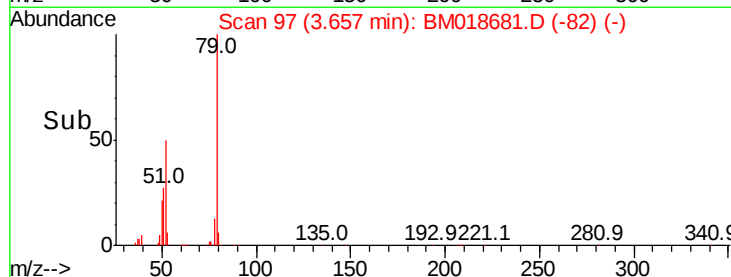
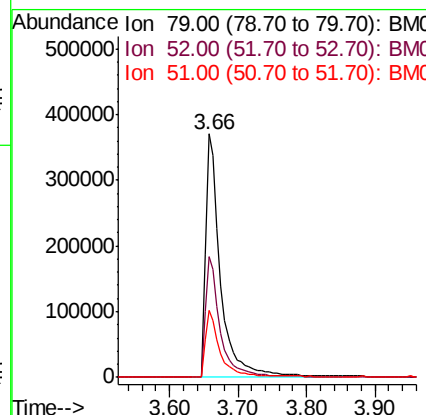
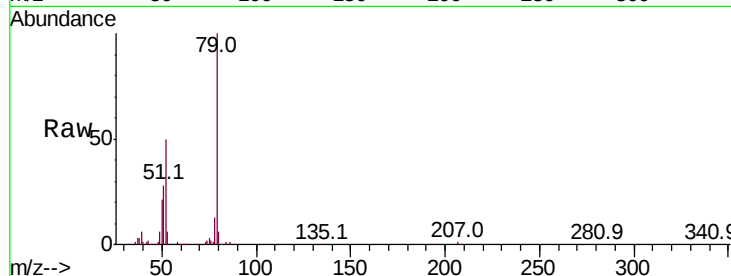
#3
Pvridine
Concen: 45.352 ng
RT: 3.66 min Scan# 97
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	577694		
52	49.8		56.4	84.6#
51	27.7		31.0	46.4#

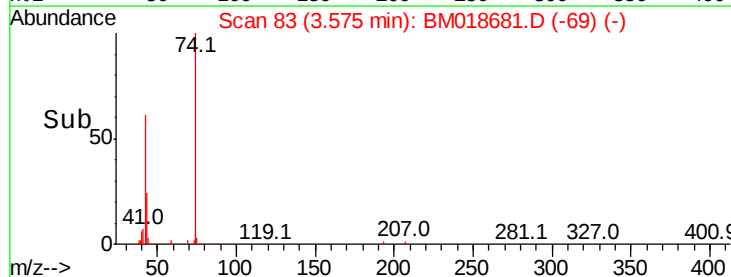
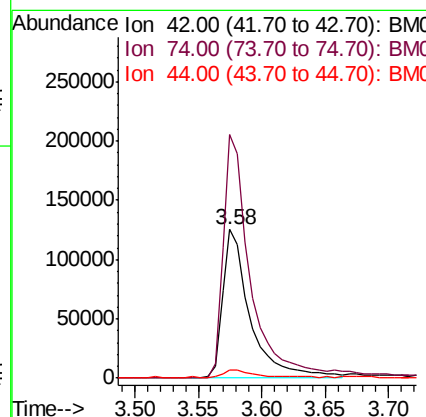
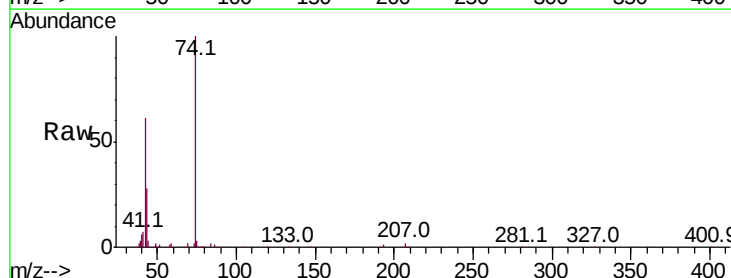
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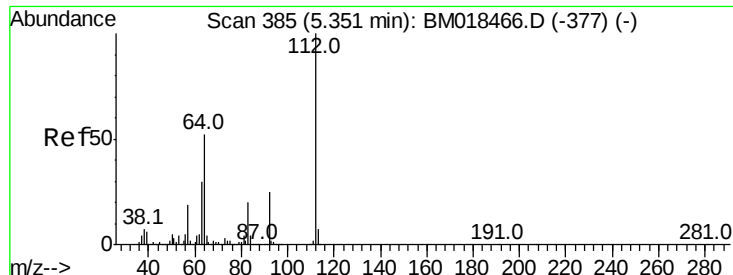
mohammad
1/30/2019 11:10:34 AM



#4
n-Nitrosodimethylamine
Concen: 35.579 ng
RT: 3.58 min Scan# 83
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	187408		
74	163.9		88.6	132.8#
44	5.7		16.9	25.3#





#5

2-Fluorophenol

Concen: 145.500 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB116697BS

Tot Ion: 112 Resp: 1823942

Ion Ratio Lower Upper

112 100

64 56.4 46.5 69.7

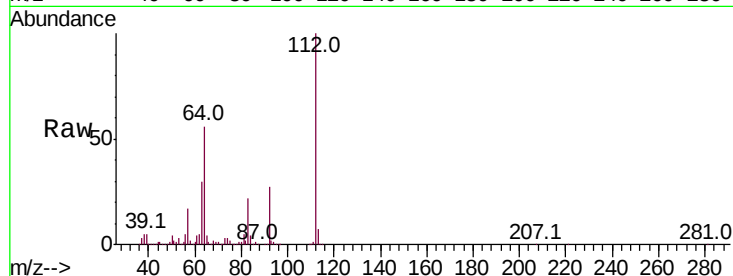
63 30.1 25.2 37.8

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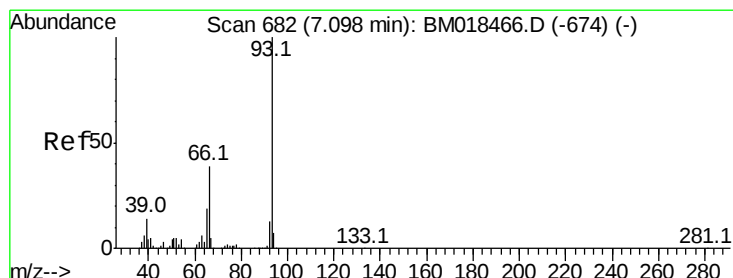
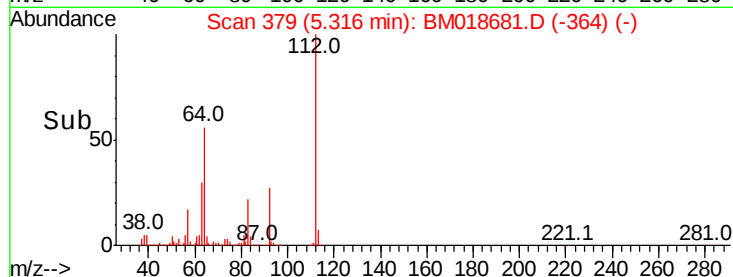
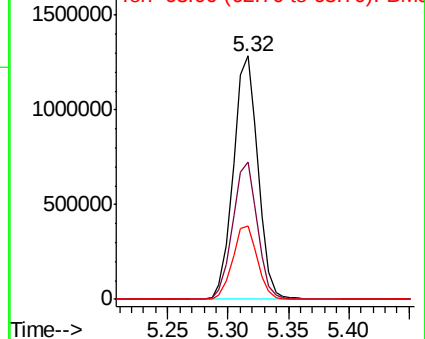
1/30/2019 11:10:34 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 35.787 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

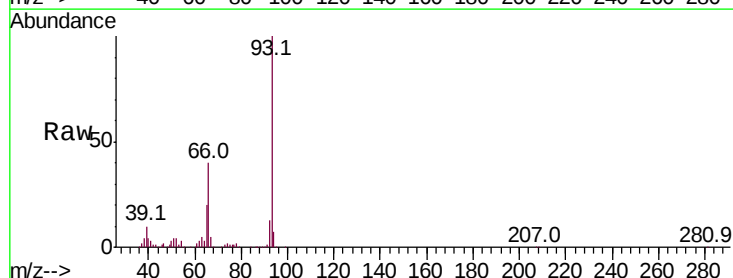
Tgt Ion: 93 Resp: 635606

Ion Ratio Lower Upper

93 100

66 39.5 31.7 47.5

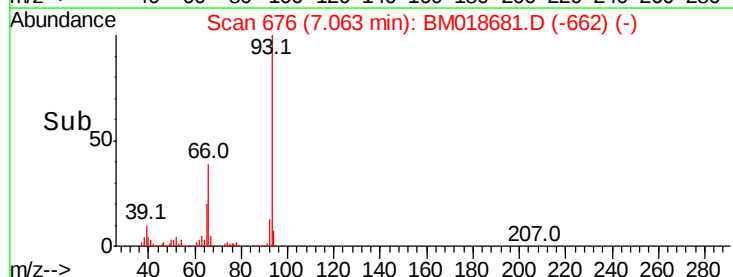
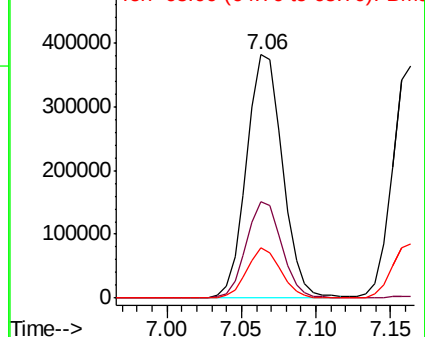
65 20.5 15.9 23.9

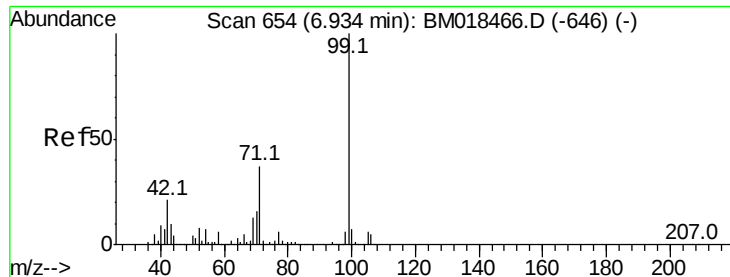


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 142.011 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB116697BS

Tot Ion: 99 Resp: 2261070

Ion Ratio Lower Upper

99 100

42 14.9 17.3 25.9#

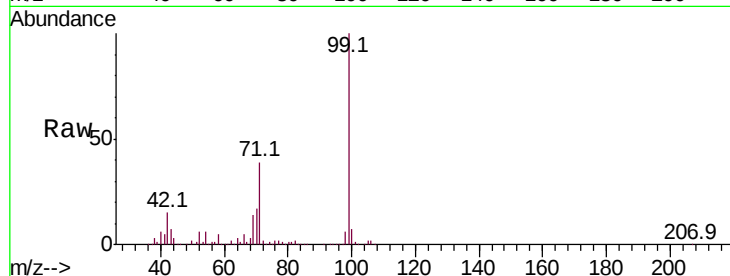
71 39.1 28.0 42.0

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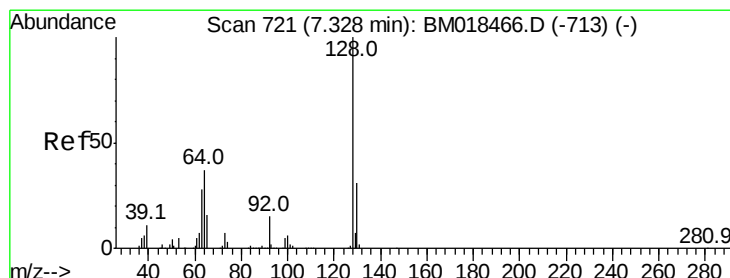
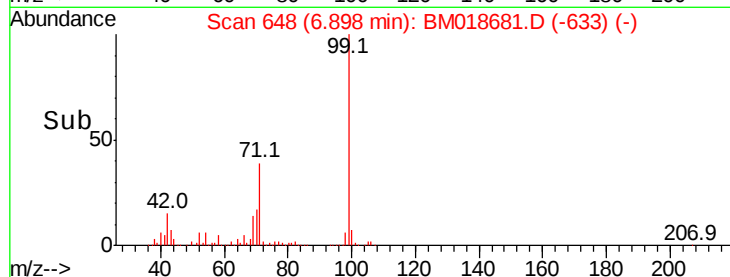
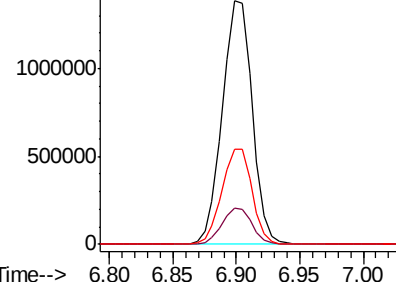
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Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 39.829 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

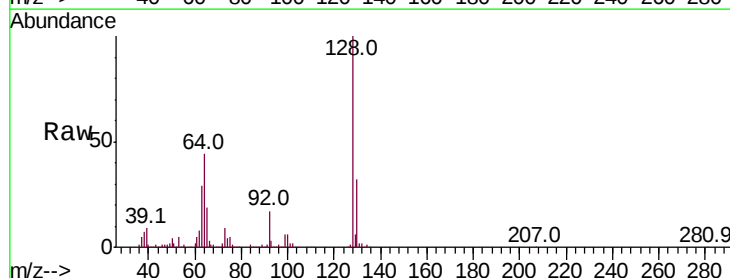
Tgt Ion: 128 Resp: 583116

Ion Ratio Lower Upper

128 100

130 31.6 13.6 53.6

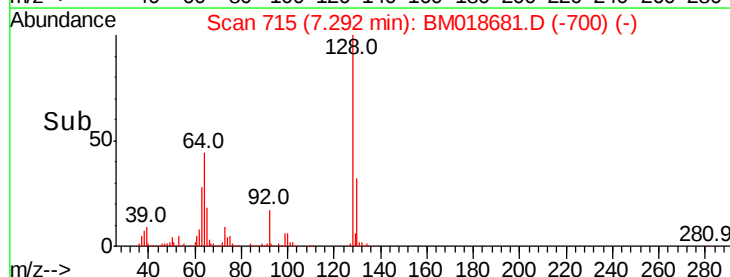
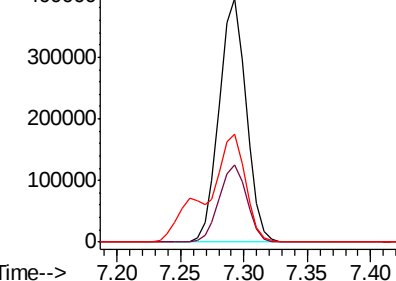
64 44.1 24.8 64.8

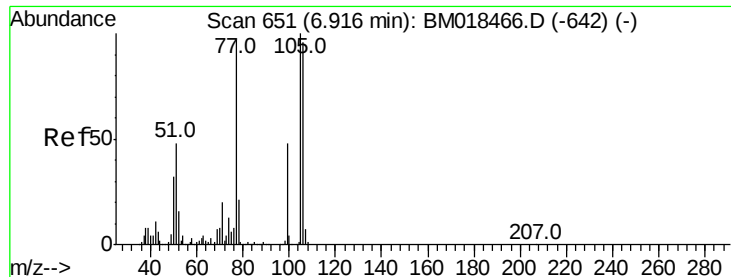


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 13.419 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

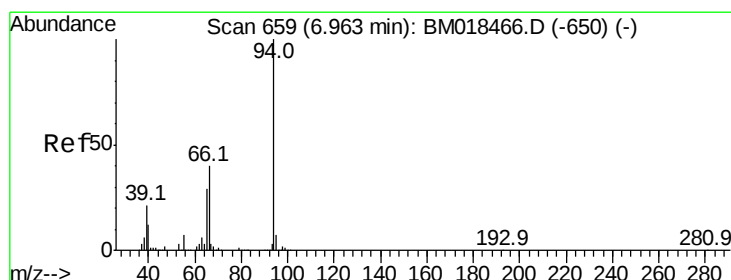
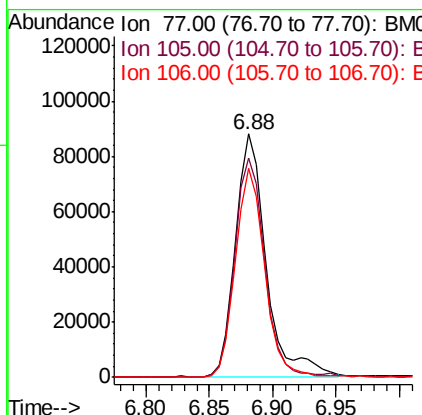
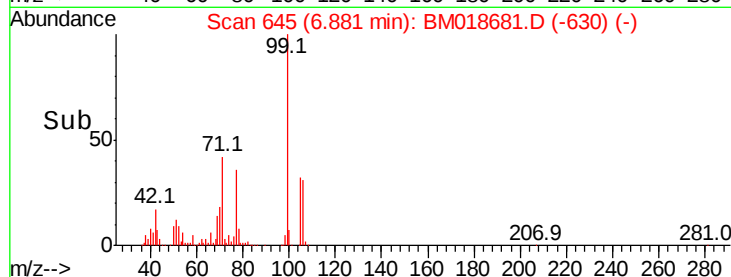
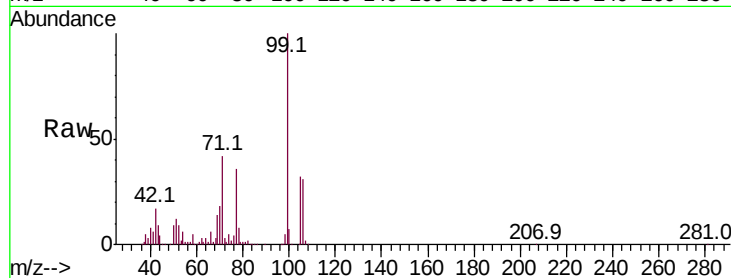
ClientSampleId :

PB116697BS

Tot Ion:	77	Resp:	147254
Ion	Ratio	Lower	Upper
77	100		
105	89.8	79.7	119.7
106	86.1	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 42.551 ng

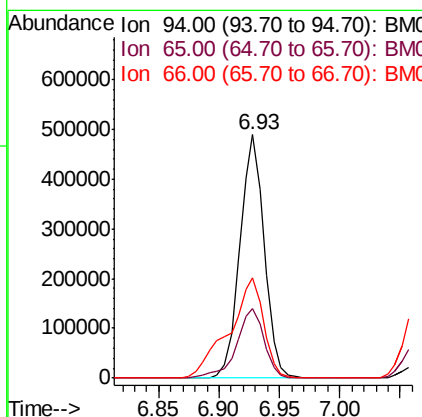
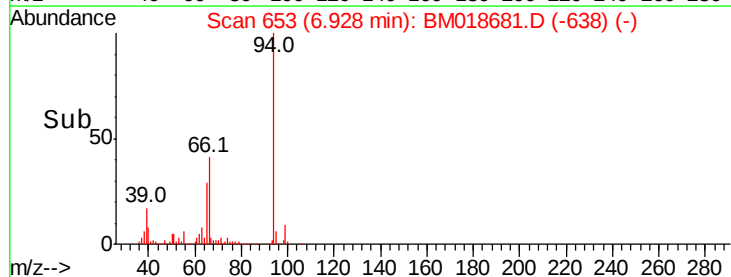
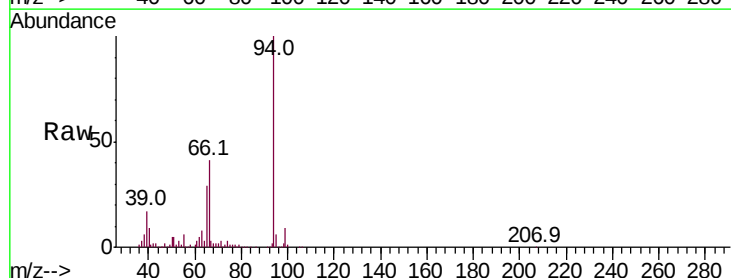
RT: 6.93 min Scan# 653

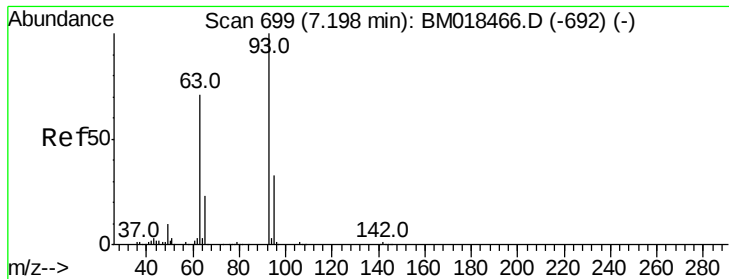
Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	94	Resp:	688438
Ion	Ratio	Lower	Upper
94	100		
65	28.8	9.4	49.4
66	41.2	19.1	59.1





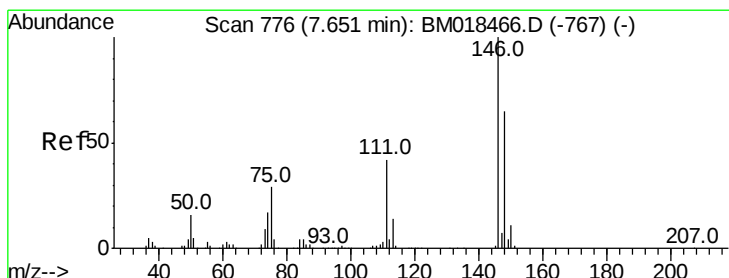
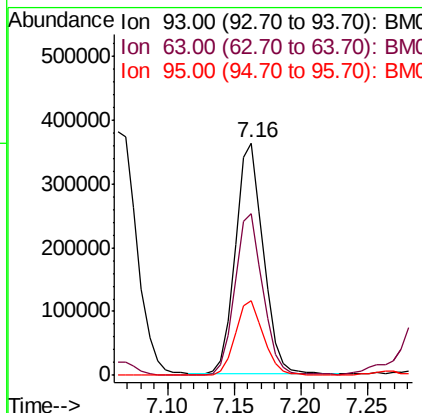
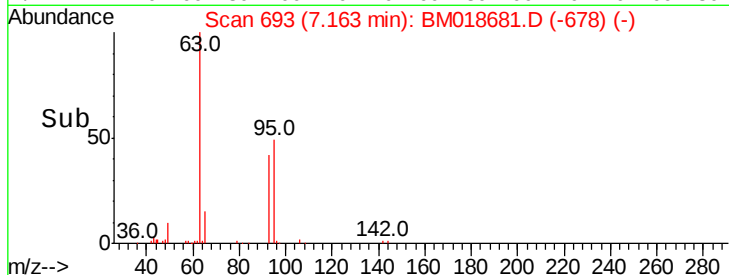
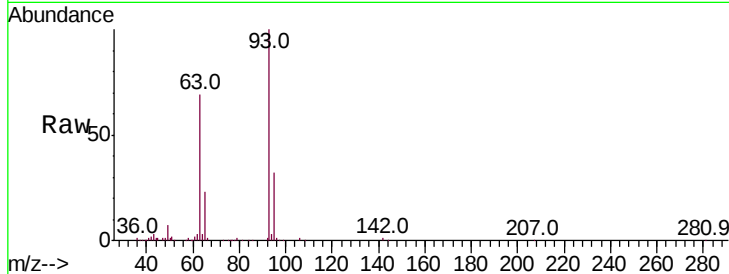
#11
bis(2-Chloroethyl)ether
Concen: 40.903 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampled :
PB116697BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	56.4	96.4
95	32.3	12.7	52.7

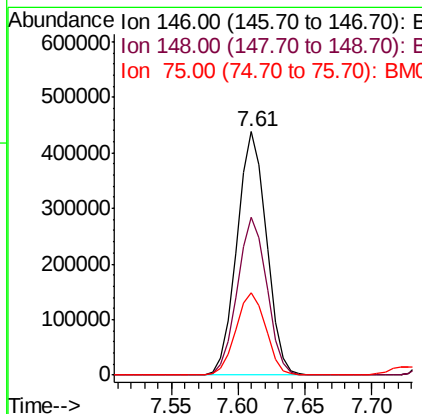
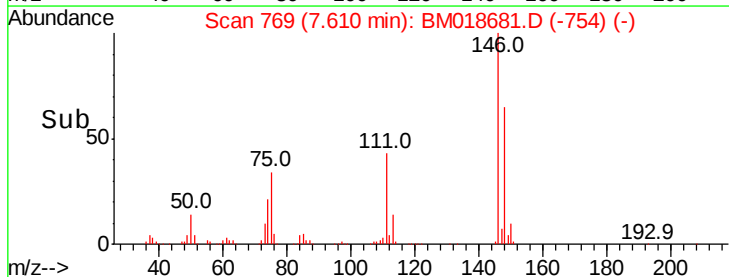
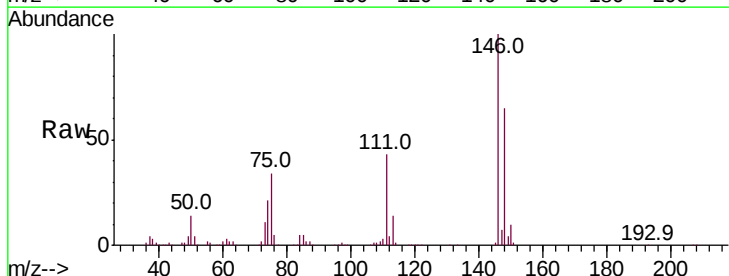
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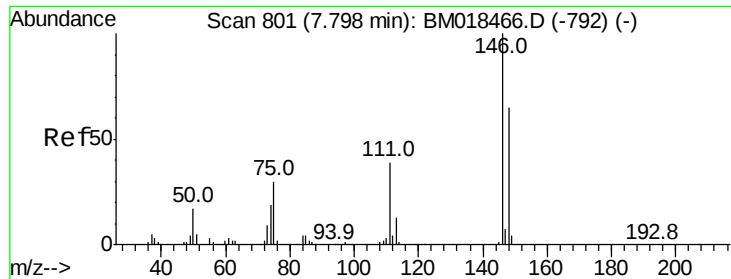
mohammad
1/30/2019 11:10:34 AM



#12
1,3-Dichlorobenzene
Concen: 38.474 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.5	75.7
75	33.7	23.0	34.6





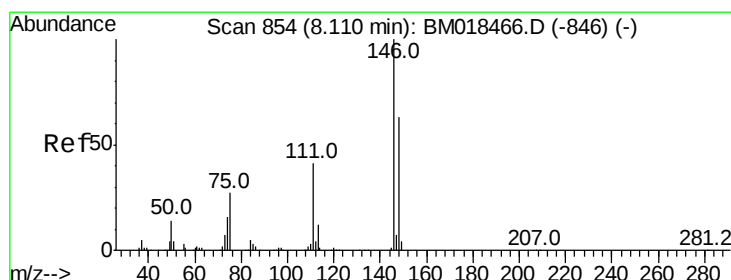
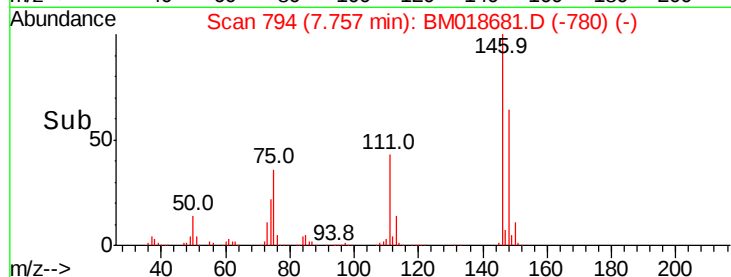
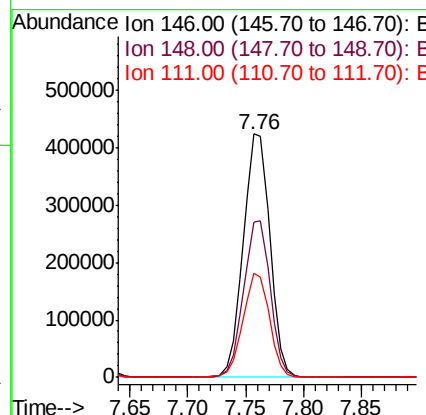
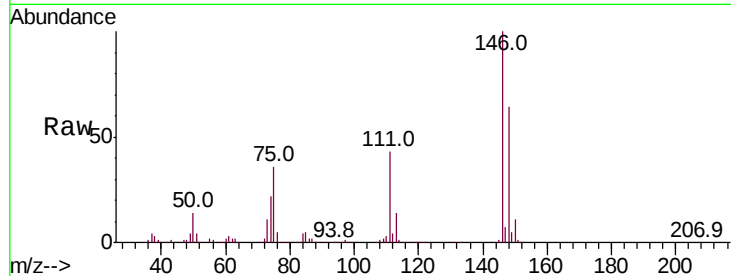
#13
1,4-Dichlorobenzene
Concen: 38.526 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampled :
PB116697BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	42.6	32.2	48.2

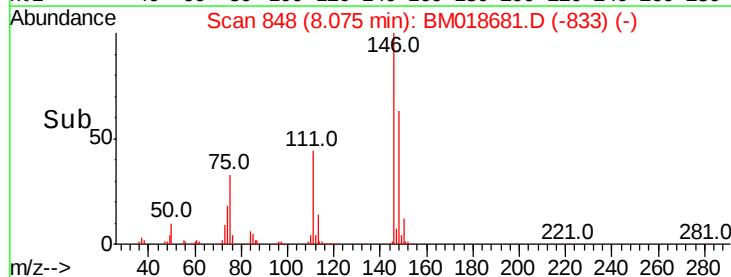
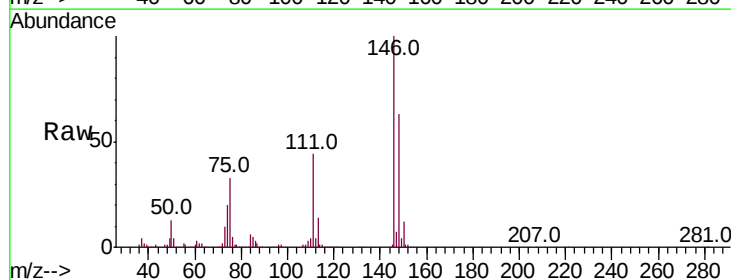
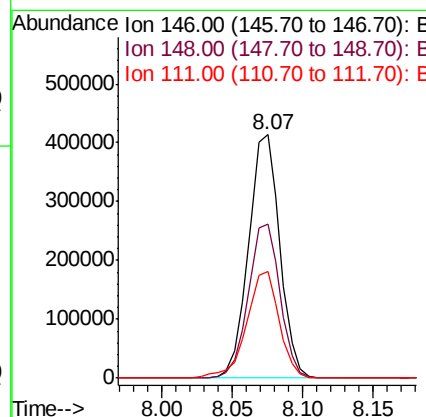
Manual Integrations
APPROVED

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#14
1,2-Dichlorobenzene
Concen: 38.356 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	43.7	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.827 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

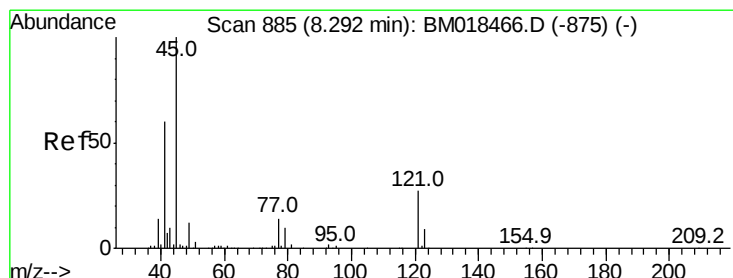
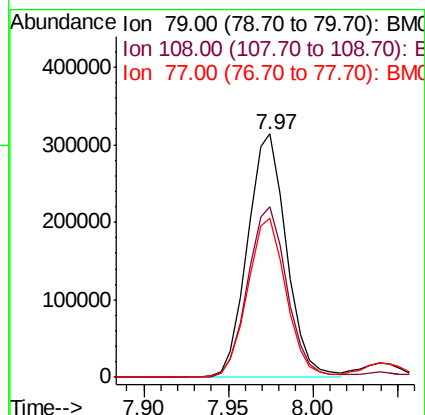
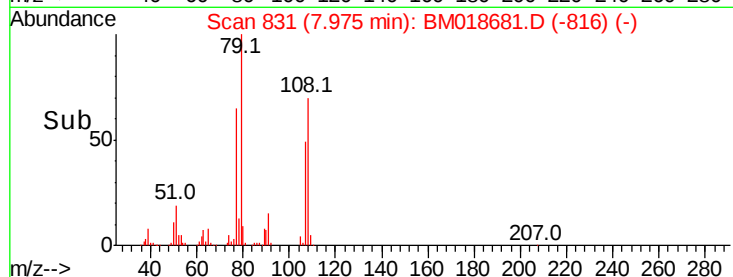
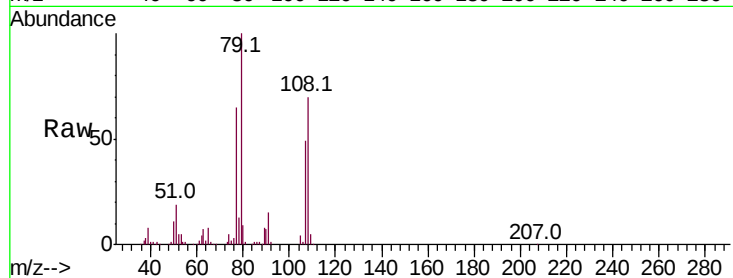
ClientSampleId :

PB116697BS

Tot Ion:	79	Resp:	504002
Ion Ratio	Lower	Upper	
79	100		
108	69.9	60.4	90.6
77	65.5	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.235 ng

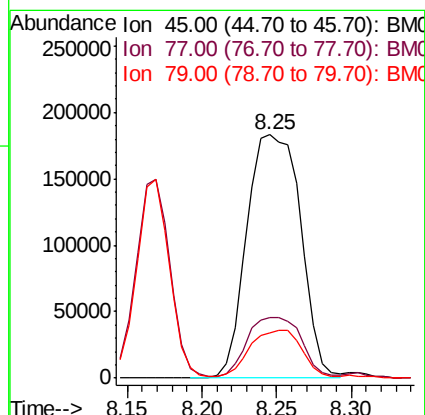
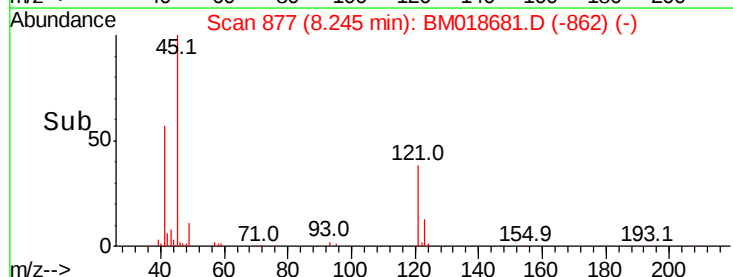
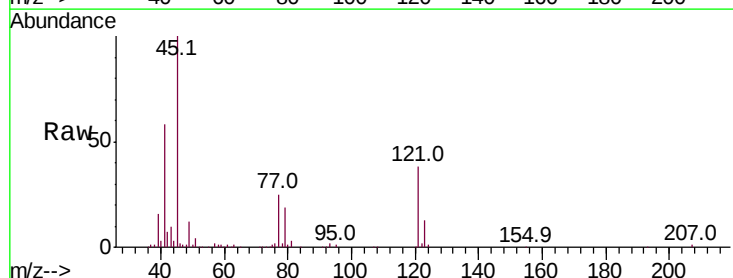
RT: 8.25 min Scan# 877

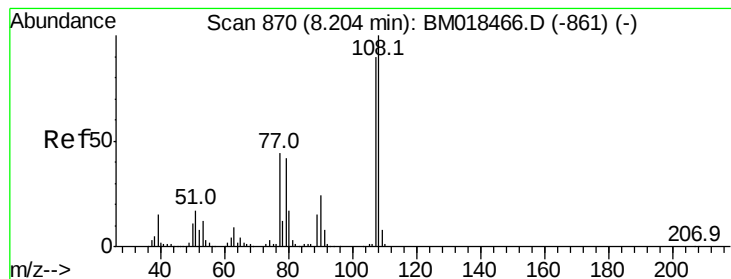
Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	45	Resp:	458714
Ion Ratio	Lower	Upper	
45	100		
77	25.0	0.0	33.4
79	18.5	0.0	31.1





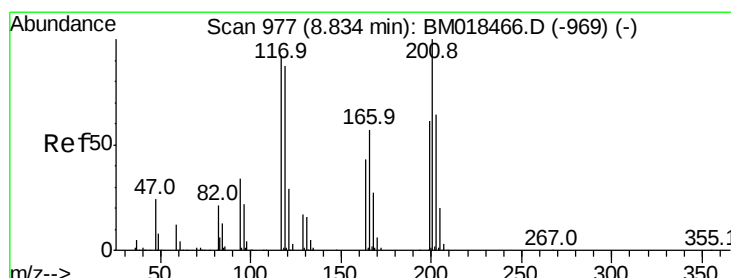
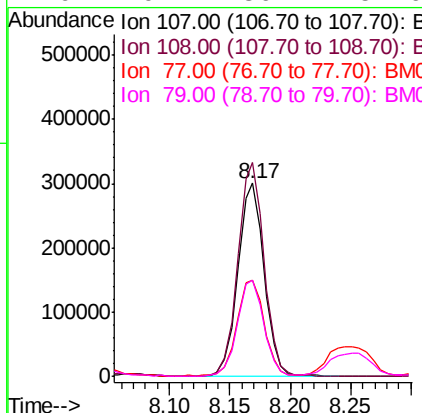
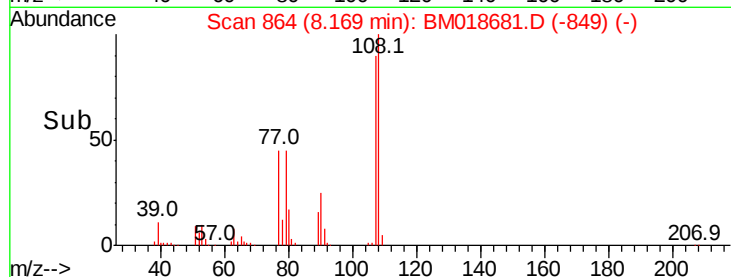
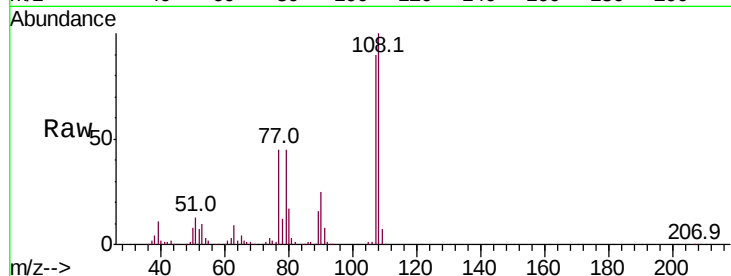
#17
2-Methylphenol
Concen: 41.304 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampled :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	87.5	131.3	
77	50.0	37.3	55.9	
79	49.7	36.4	54.6	

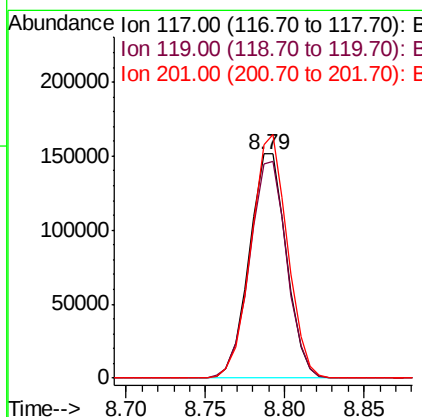
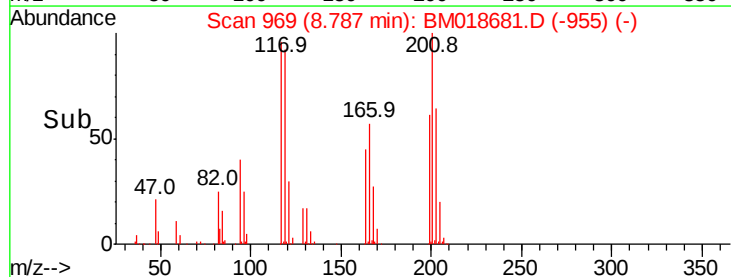
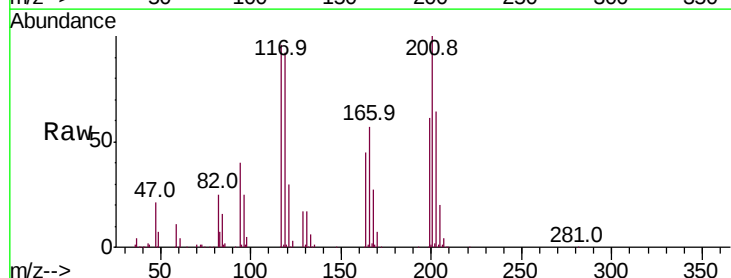
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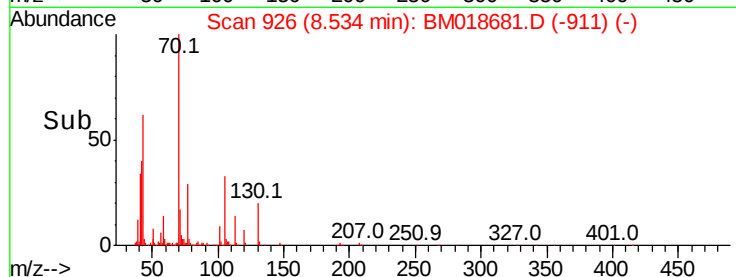
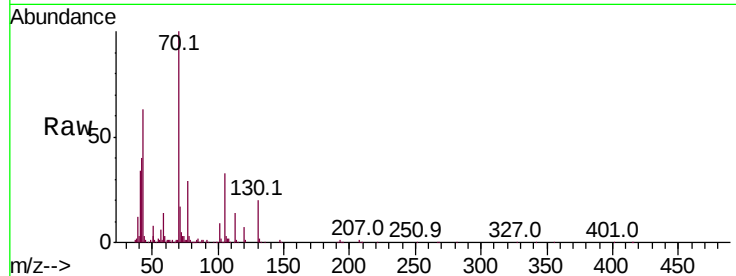
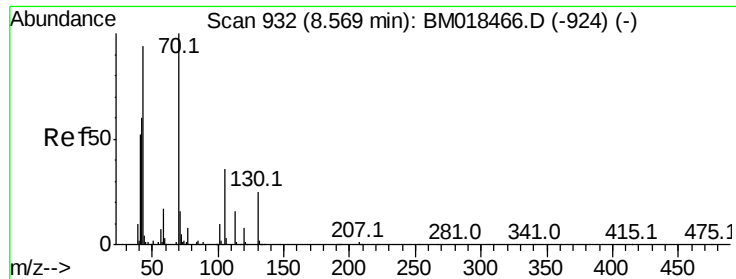
mohammad
1/30/2019 11:10:34 AM



#18
Hexachloroethane
Concen: 39.231 ng
RT: 8.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	78.3	117.5	
201	104.1	81.4	122.0	





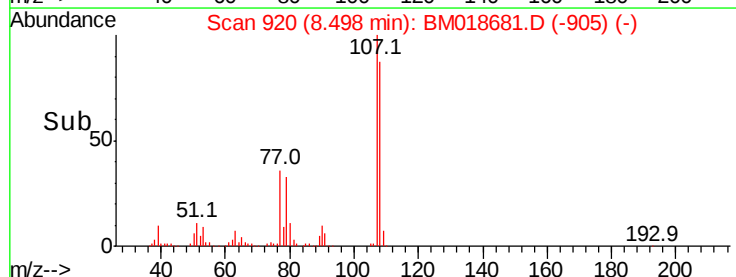
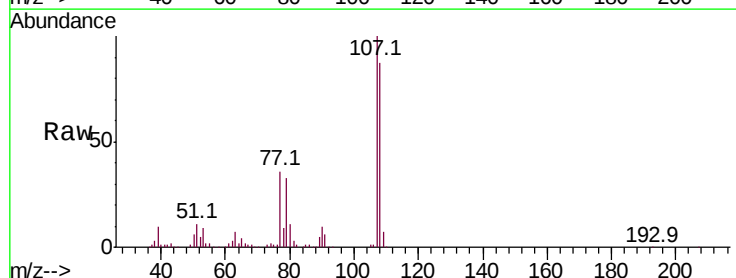
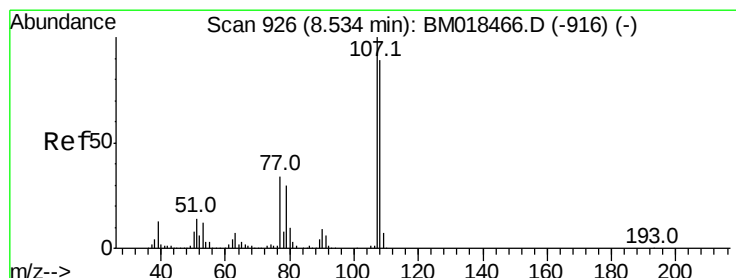
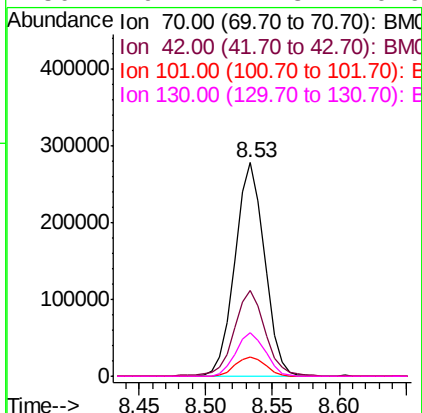
#19
n-Nitroso-di-n-propylamine
Concen: 41.327 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	40.2	54.0	81.0#
101	8.9	8.1	12.1
130	20.2	17.8	26.6

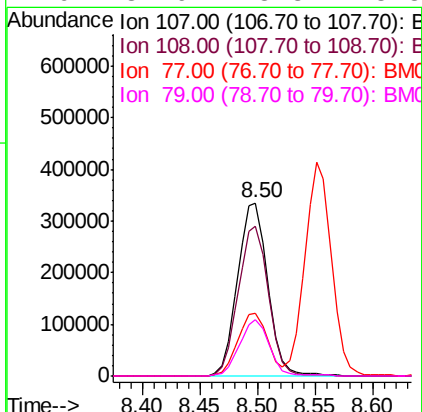
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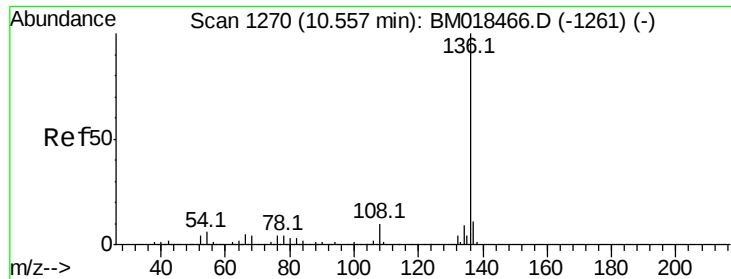
mohammad
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#20
3+4-Methylphenols
Concen: 40.223 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.8	66.8	106.8
77	36.1	13.3	53.3
79	32.6	8.8	48.8





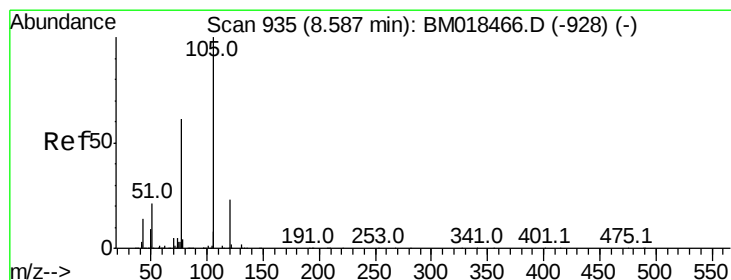
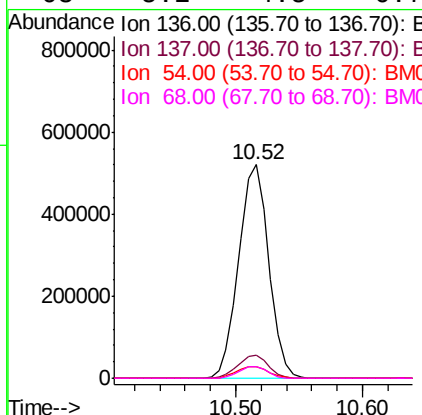
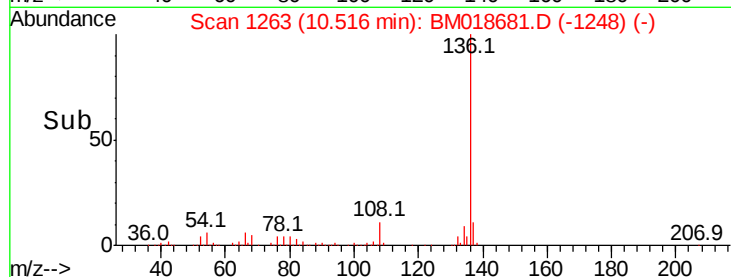
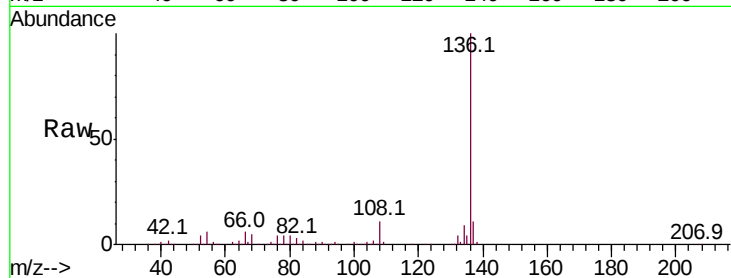
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	856098		
137	11.0	8.5	12.7	
54	5.7	6.0	9.0	
68	5.2	4.5	6.7	

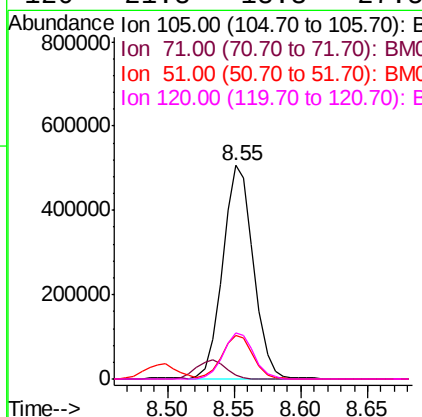
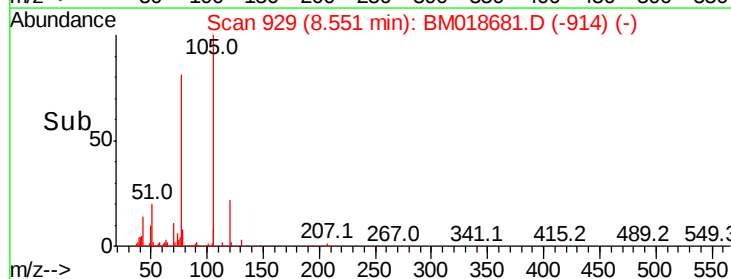
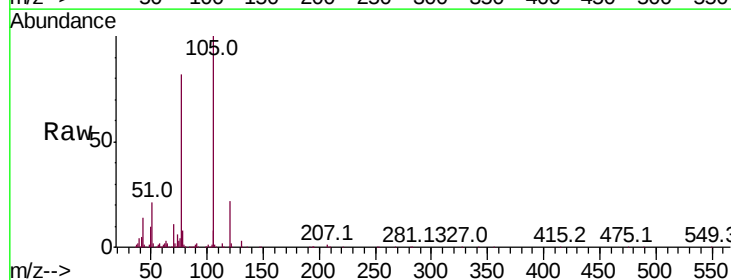
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#22
Acetophenone
Concen: 38.211 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	809229		
71	1.7	1.7	2.5	
51	20.5	22.6	34.0	
120	21.8	18.3	27.5	





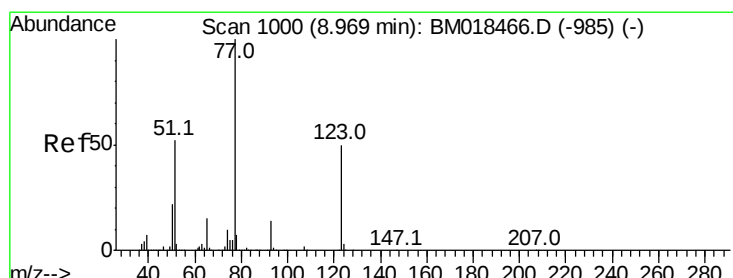
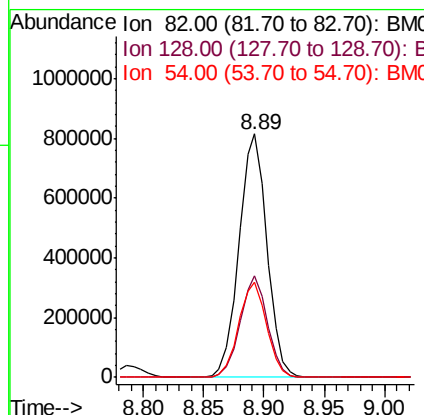
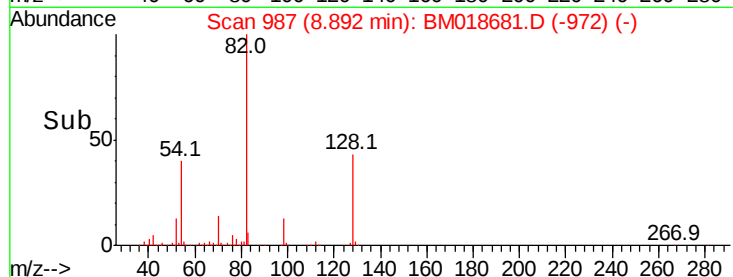
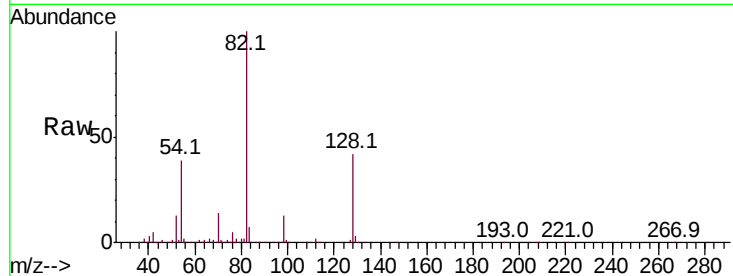
#23
Nitrobenzene-d5
Concen: 89.266 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampled :
PB116697BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	36.3	54.5
54	38.9	41.7	62.5#

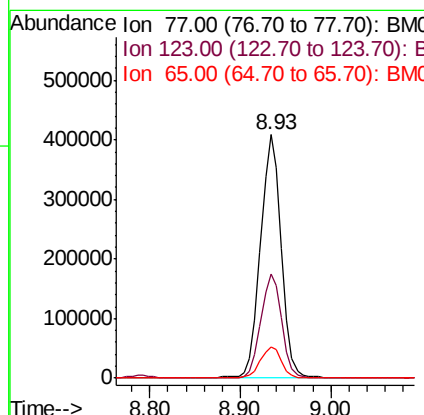
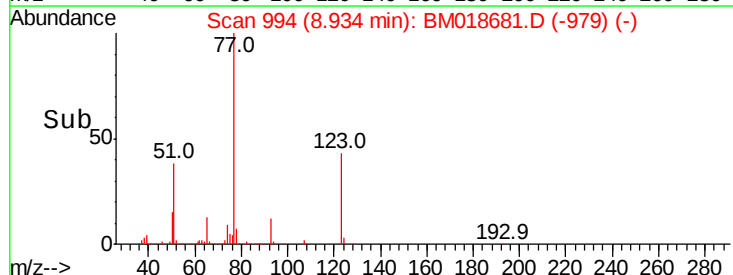
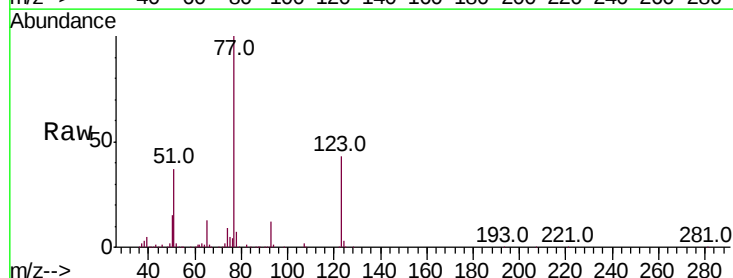
Manual Integrations
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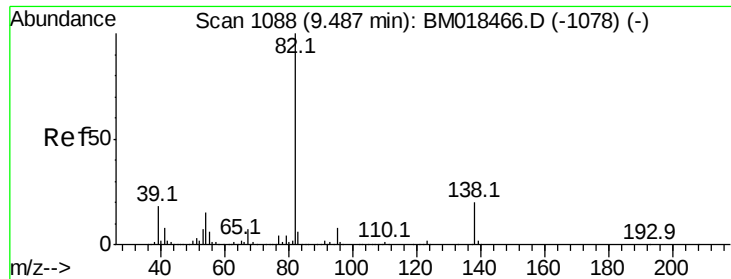
mohammad
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#24
Nitrobenzene
Concen: 44.434 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.8	37.7	56.5
65	13.0	11.0	16.6





#25

Isophorone

Concen: 47.470 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB116697BS

Tot Ion: 82 Resp: 1061552

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

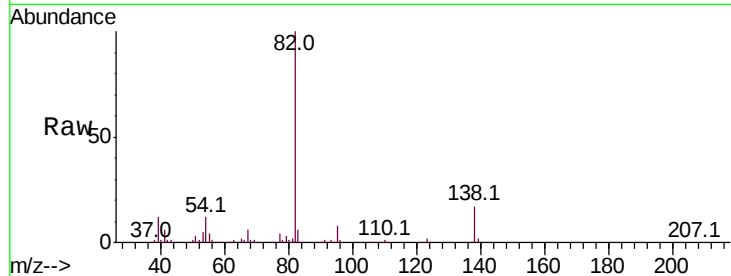
138 17.4 15.1 22.7

Manual Integrations

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mohammad

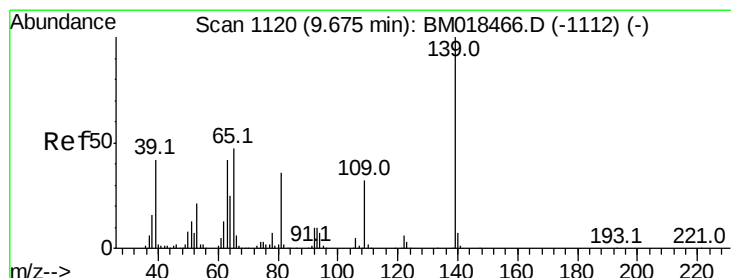
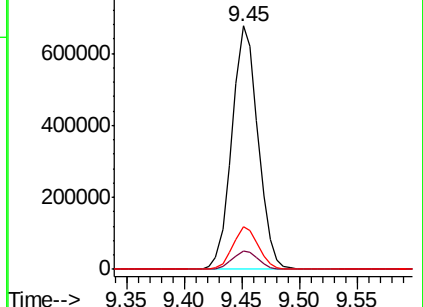
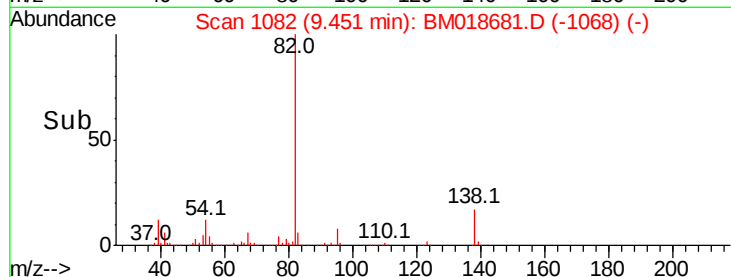
1/30/2019 11:10:34 AM



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 41.115 ng

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

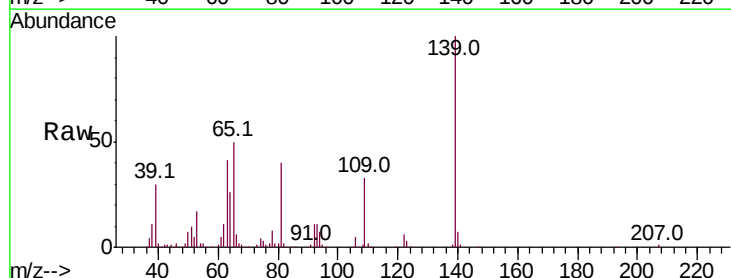
Tgt Ion: 139 Resp: 288872

Ion Ratio Lower Upper

139 100

109 33.0 23.4 35.2

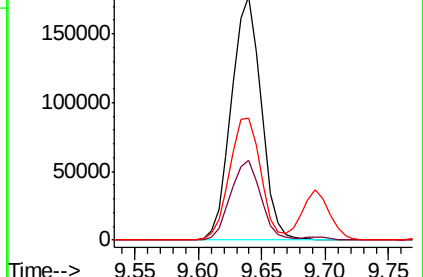
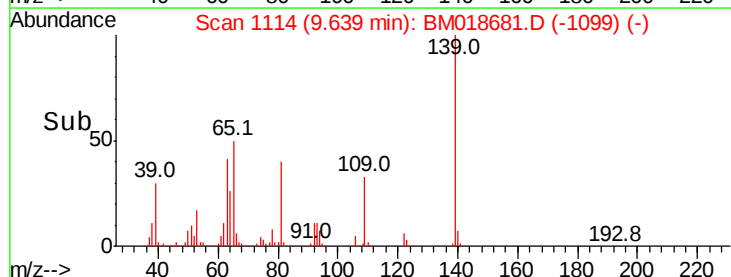
65 50.1 39.4 59.2

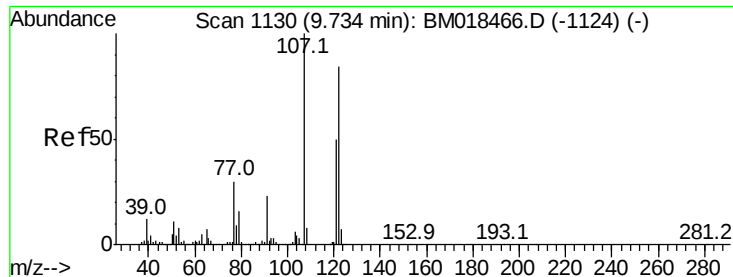


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)





#27

2,4-Dimethylphenol

Concen: 45.433 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

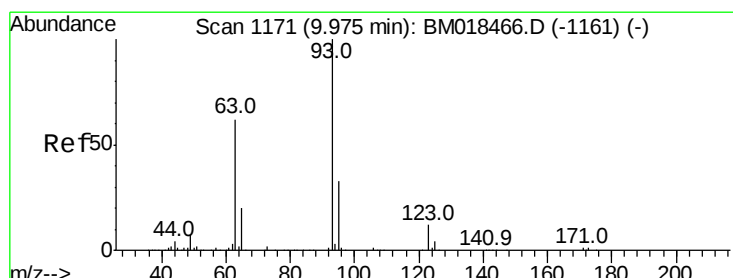
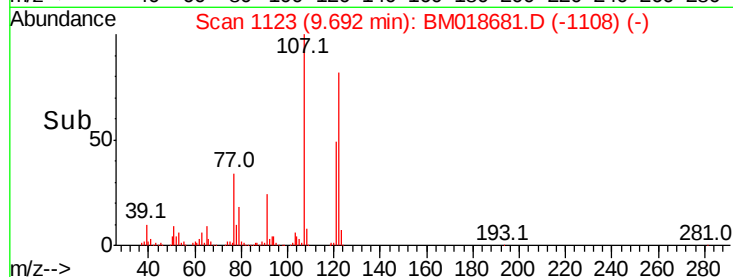
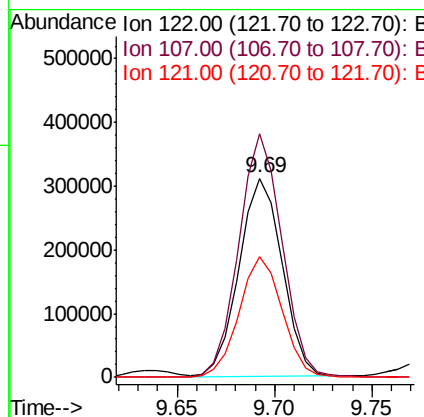
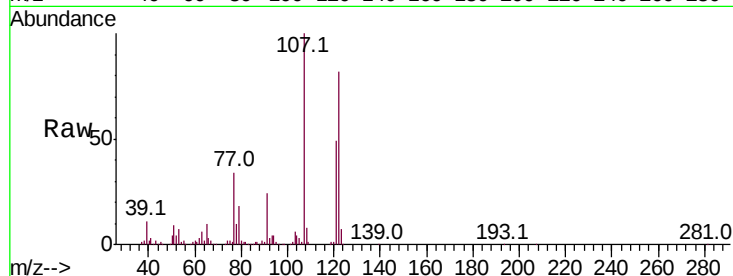
ClientSampleId :

PB116697BS

Tot Ion:	122	Resp:	478457
Ion Ratio	Lower	Upper	
122	100		
107	122.4	91.9	137.9
121	60.5	47.5	71.3

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mohammad
1/30/2019 11:10:34 AM



#28

bis(2-Chloroethoxy)methane

Concen: 43.392 ng

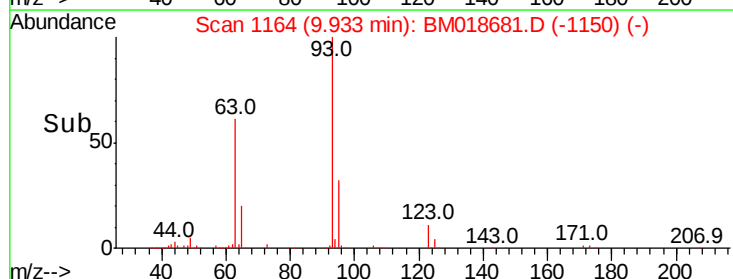
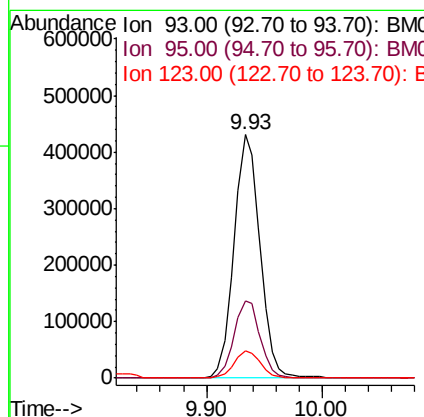
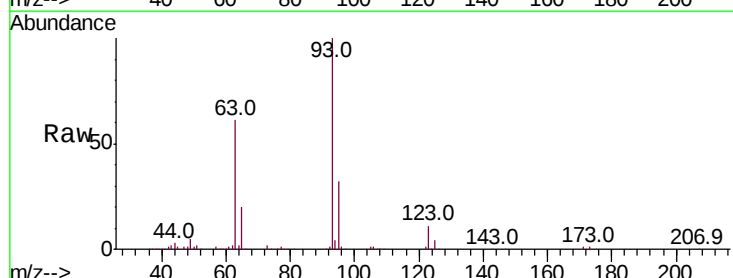
RT: 9.93 min Scan# 1164

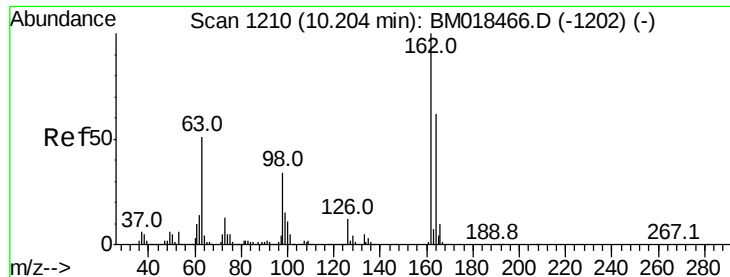
Delta R.T. -0.02 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	93	Resp:	670338
Ion Ratio	Lower	Upper	
93	100		
95	31.8	26.6	39.8
123	11.4	9.9	14.9





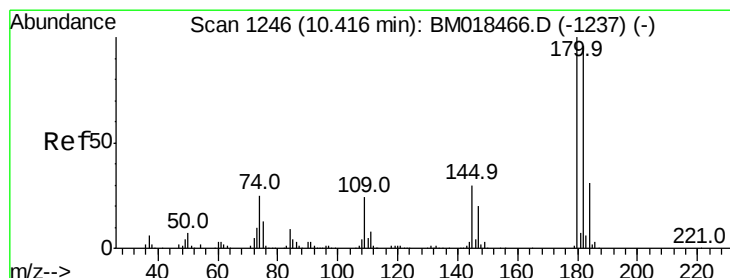
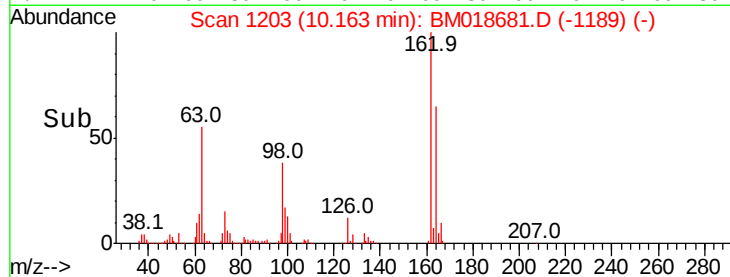
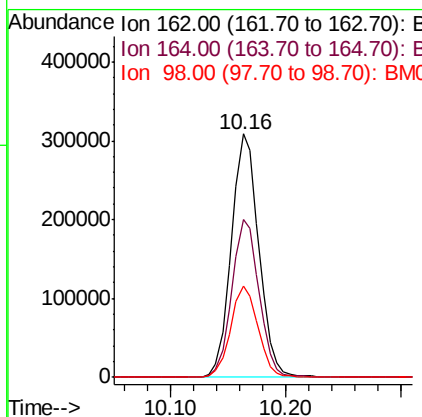
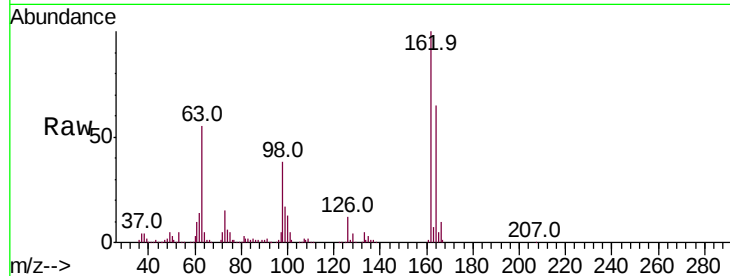
#29
2,4-Dichlorophenol
Concen: 40.566 ng
RT: 10.16 min Scan# 1203
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.0	45.6	85.6	
98	37.7	14.7	54.7	

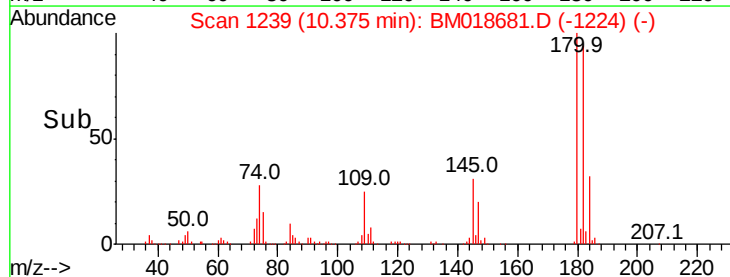
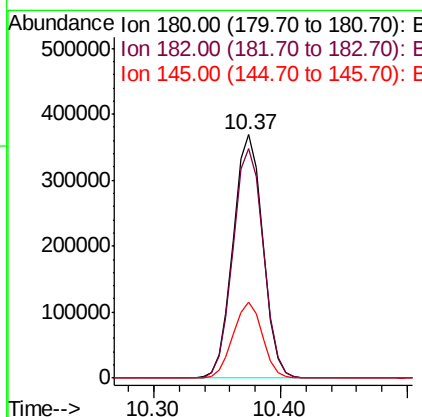
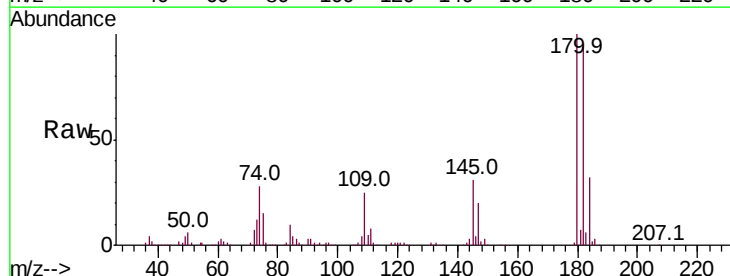
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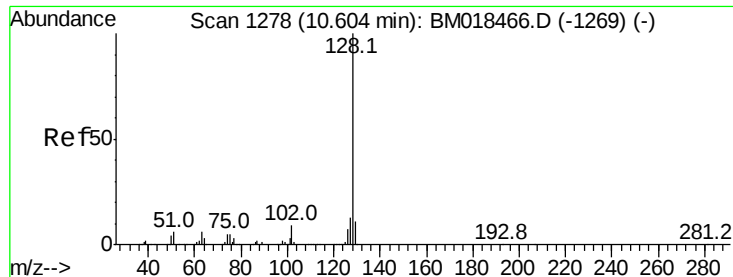
mohammad
1/30/2019 11:10:34 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.401 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	77.4	116.2	
145	31.0	24.6	37.0	





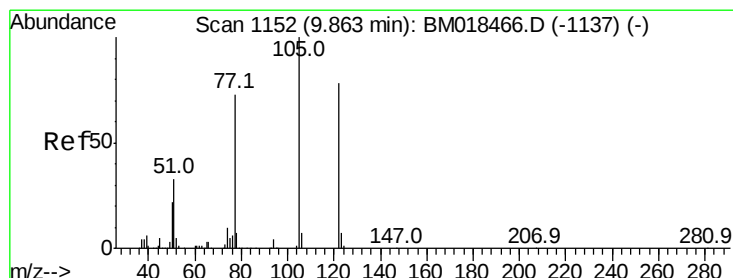
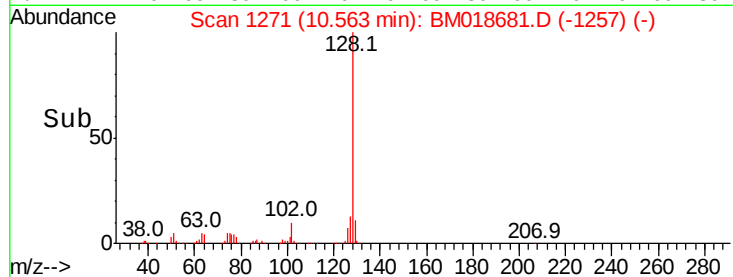
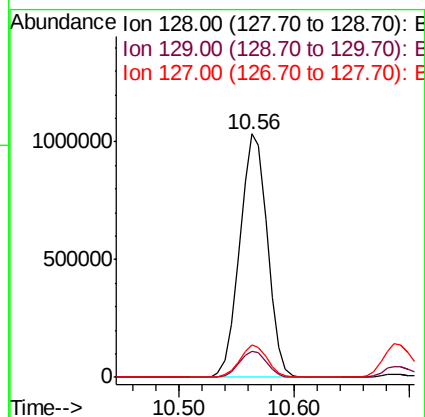
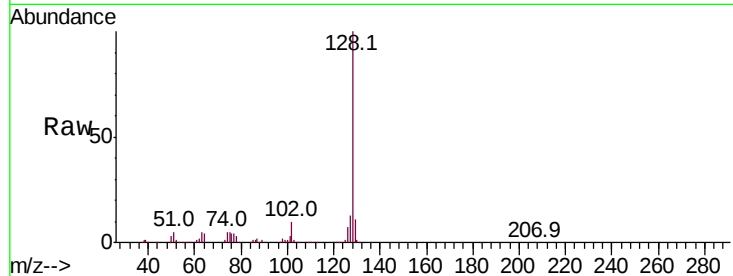
#31
Naphthalene
Concen: 41.409 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.8	16.2

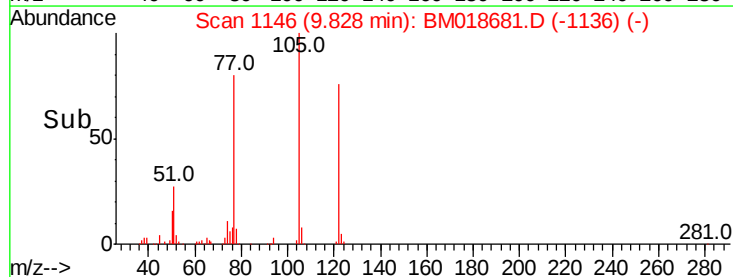
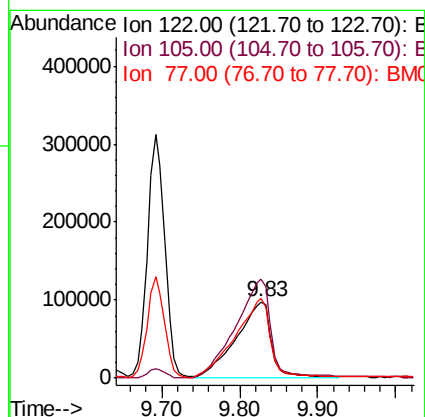
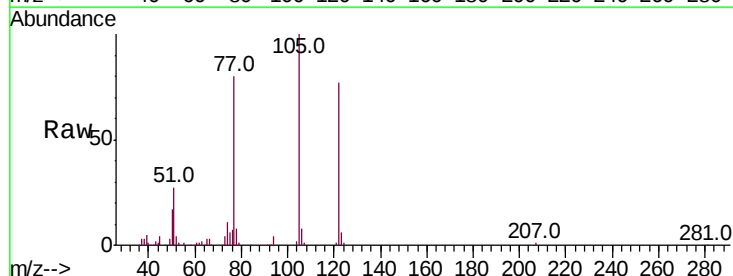
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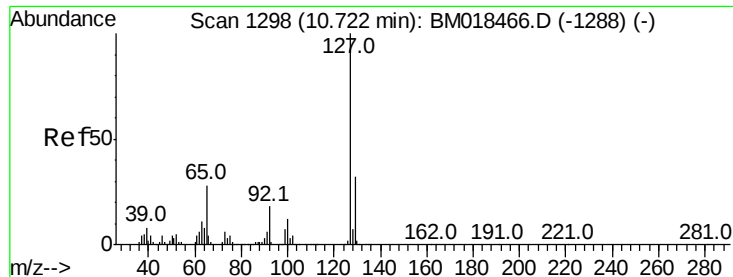
mohammad
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#32
Benzoic acid
Concen: 43.089 ng m
RT: 9.83 min Scan# 1146
Delta R.T. -0.04 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.2	100.4	140.4
77	104.8	71.7	111.7





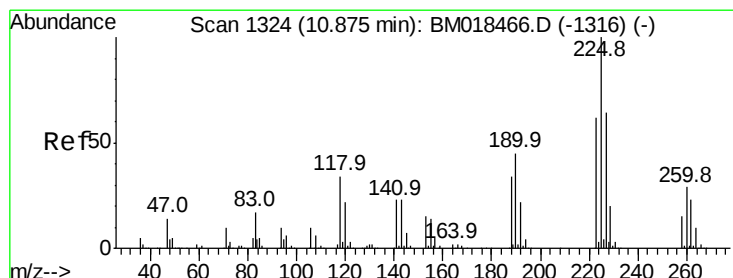
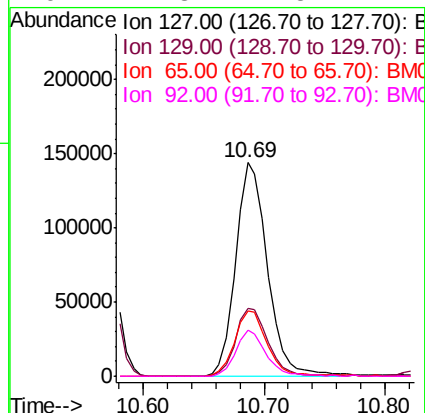
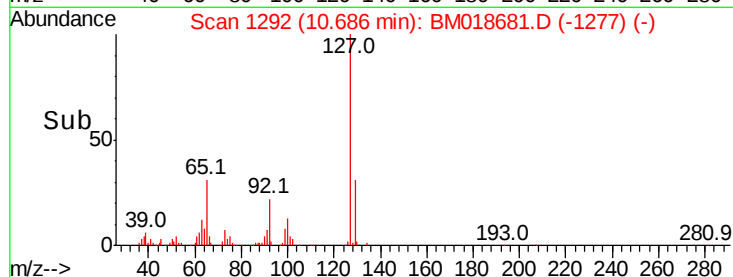
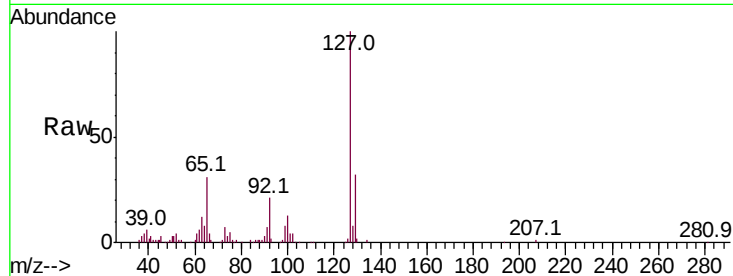
#33
4-Chloroaniline
Concen: 16.322 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampled :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	25.9	38.9	
65	30.8	23.4	35.2	
92	21.3	14.5	21.7	

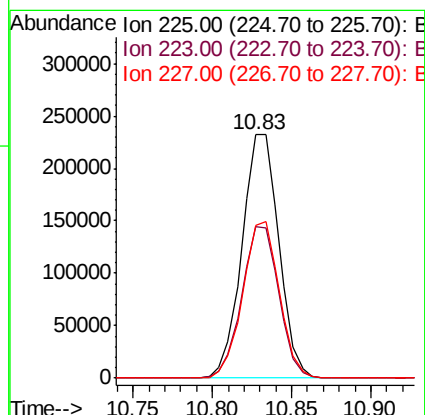
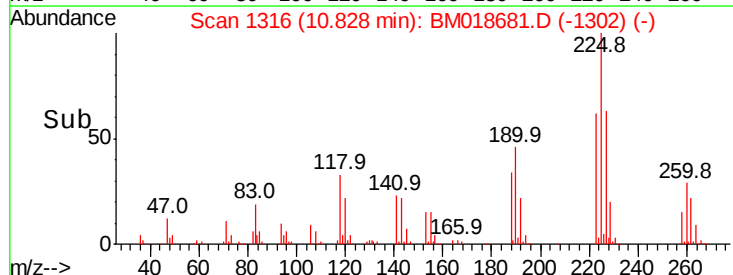
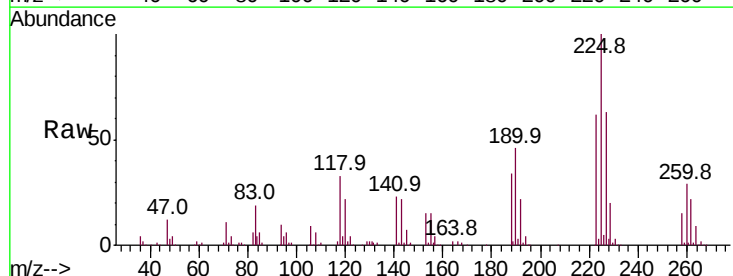
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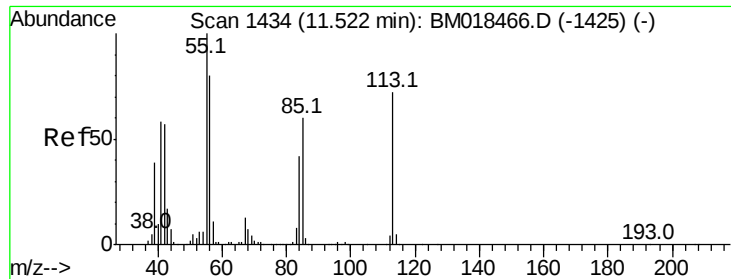
mohammad
1/30/2019 11:10:34 AM



#34
Hexachlorobutadiene
Concen: 38.122 ng
RT: 10.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.8	76.2	
227	63.0	50.4	75.6	





#35

Caprolactam

Concen: 29.873 ng/ml

RT: 11.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

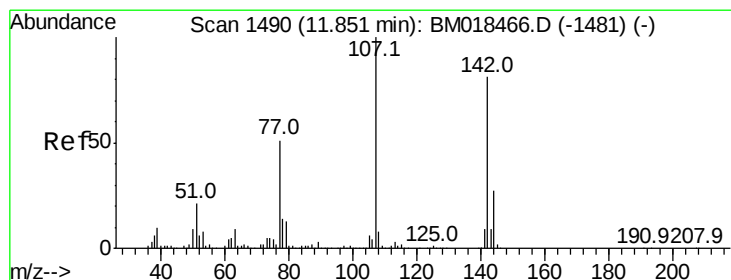
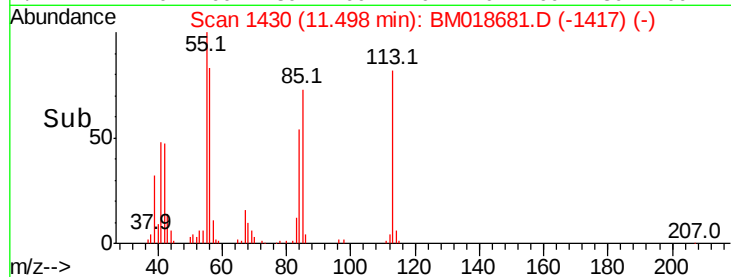
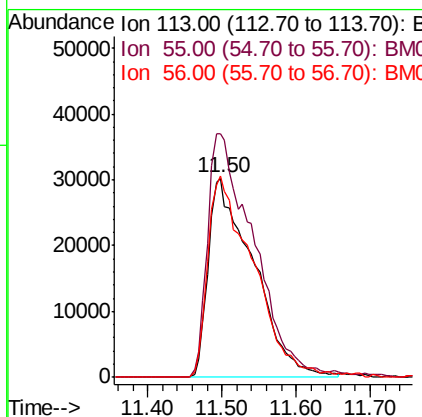
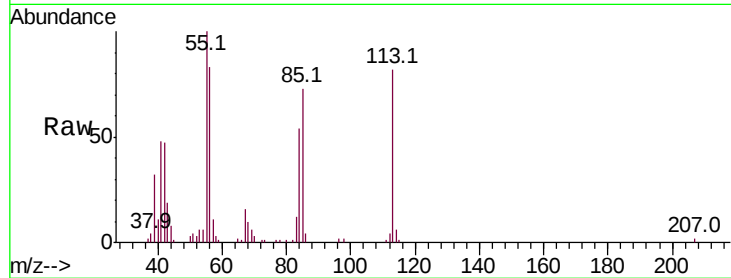
ClientSampleID :

PB116697BS

Tot Ion:	113	Resp:	127364
Ion Ratio	Lower	Upper	
113	100		
55	122.1	139.3	179.3#
56	101.3	101.4	141.4#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 38.707 ng/ml

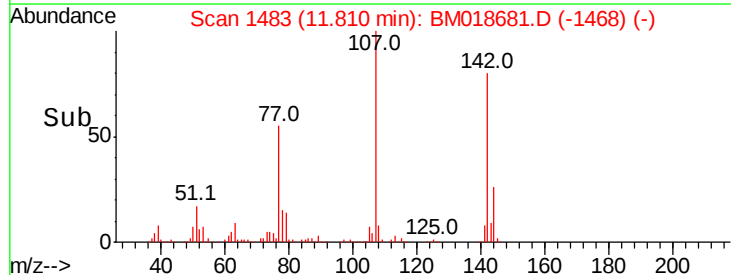
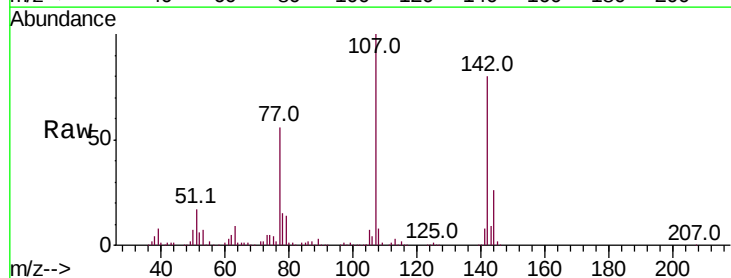
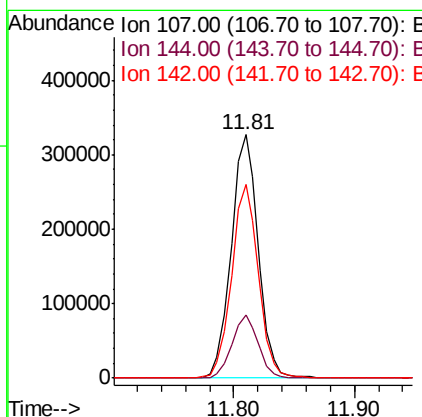
RT: 11.81 min Scan# 1483

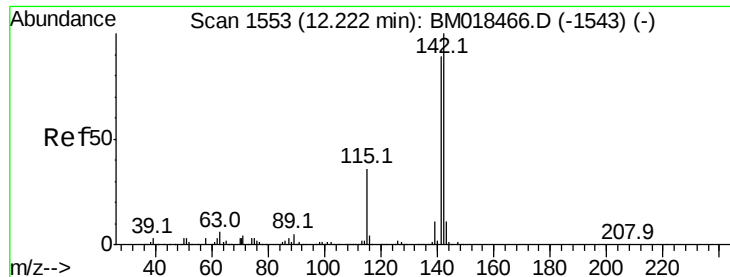
Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	107	Resp:	509236
Ion Ratio	Lower	Upper	
107	100		
144	25.7	21.9	32.9
142	79.7	67.9	101.9





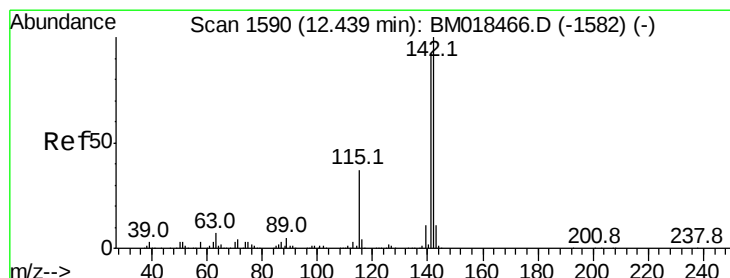
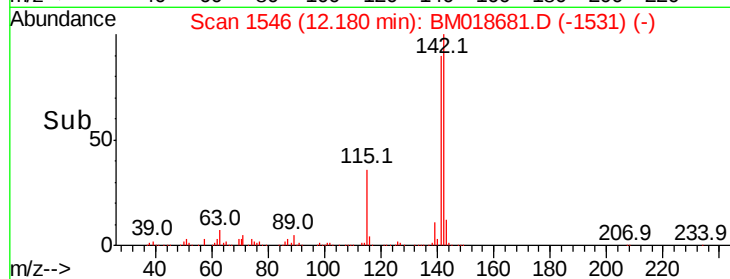
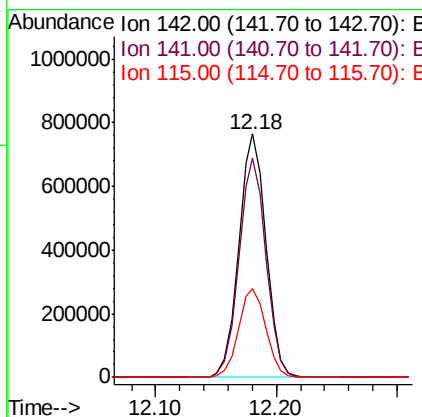
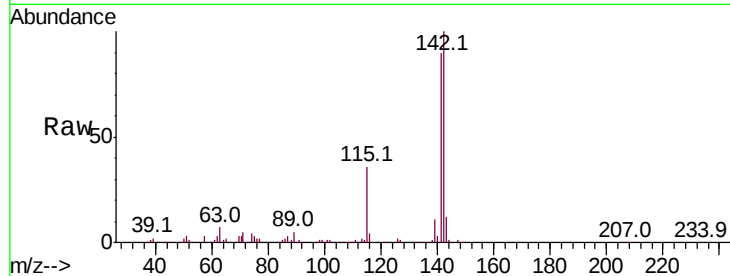
#37
2-Methylnaphthalene
Concen: 41.044 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleID :
PB116697BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2
115	36.4	28.0	42.0

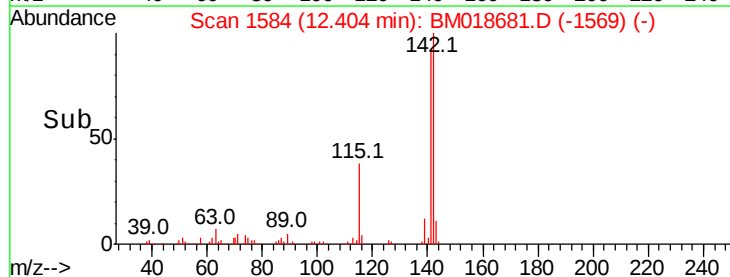
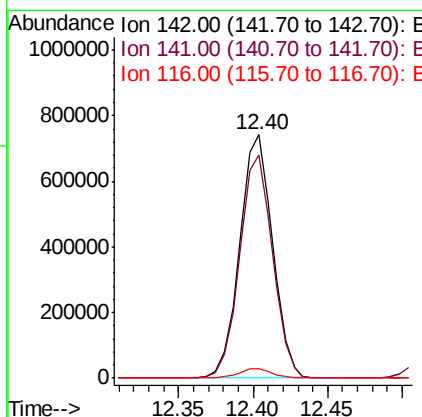
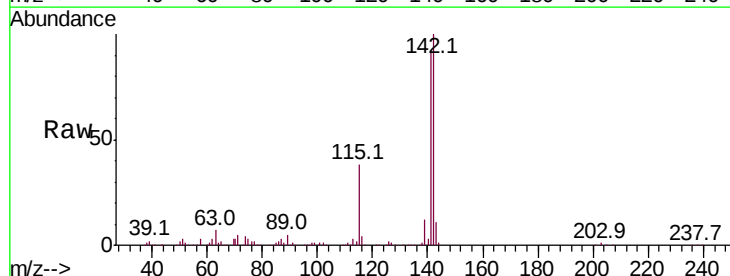
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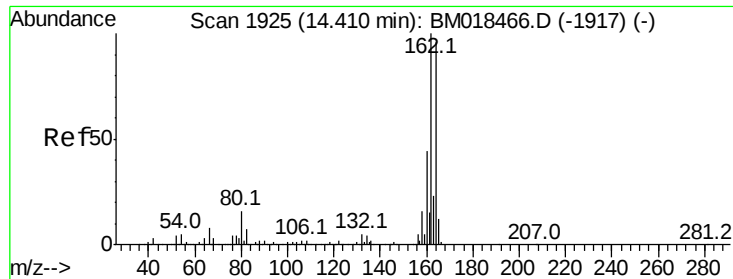
mohammad
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#38
1-Methylnaphthalene
Concen: 40.003 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.6	113.4
116	3.8	3.0	4.6





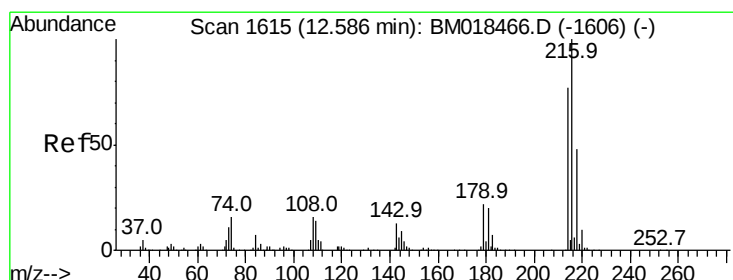
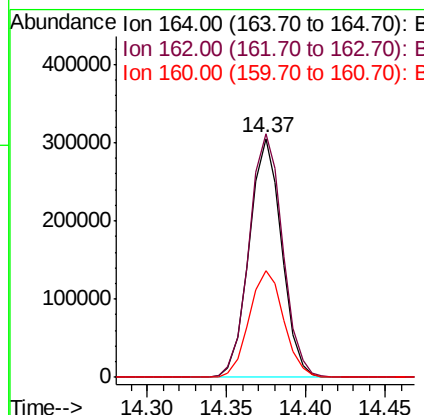
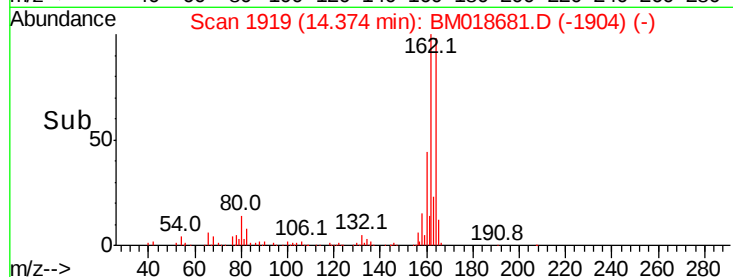
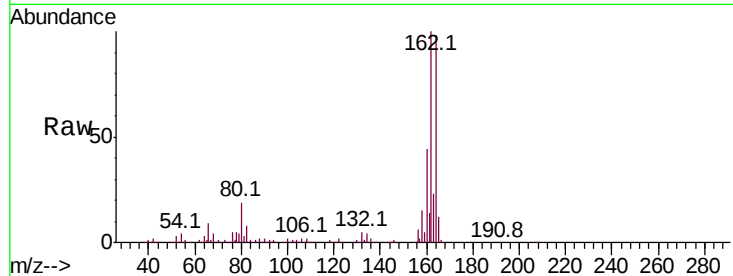
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.0	124.4
160	44.9	37.1	55.7

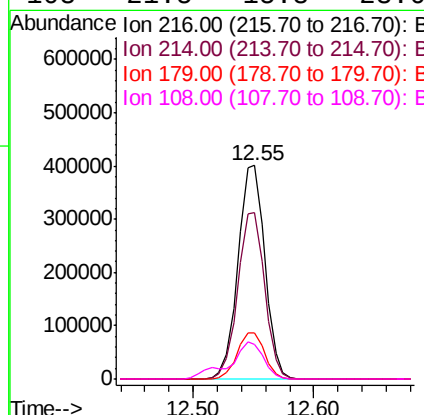
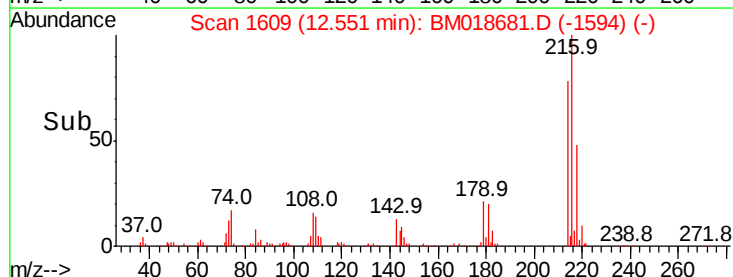
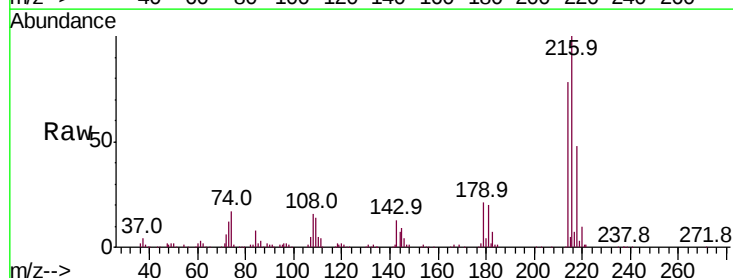
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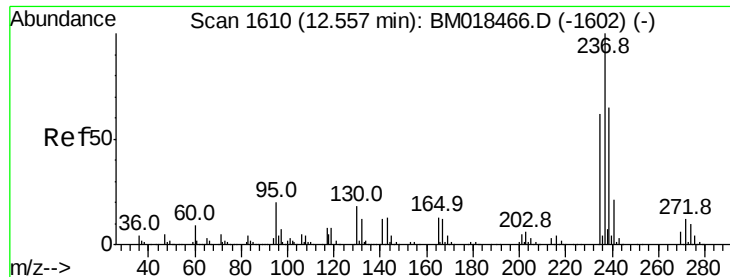
mohammad
1/30/2019 11:10:34 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.062 ng
RT: 12.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.4	95.0
179	22.0	17.9	26.9
108	21.5	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 100.258 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

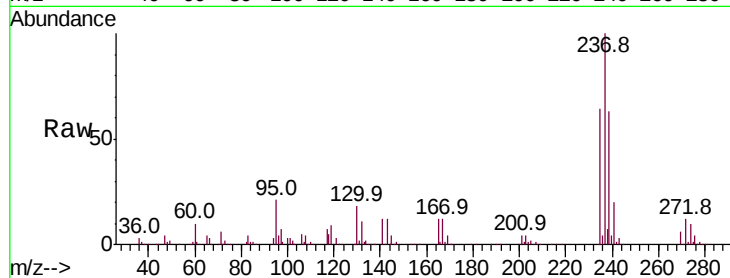
ClientSampleId :

PB116697BS

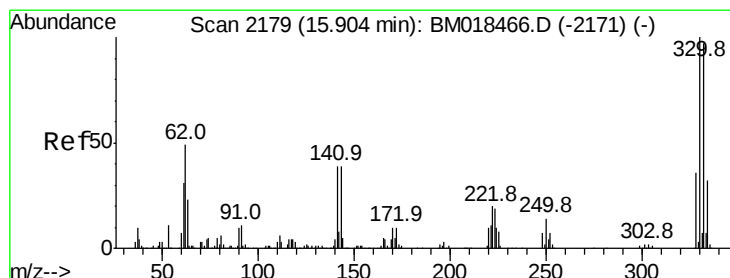
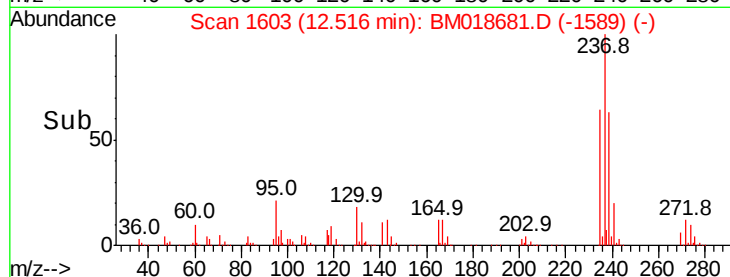
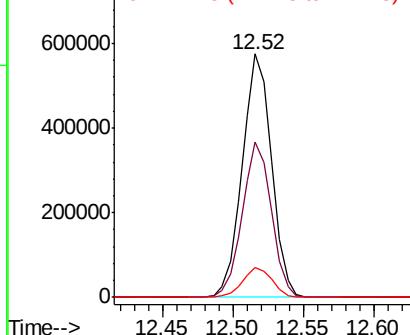
Tot Ion:	237	Resp:	834312
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.8	82.8
272	12.2	0.0	31.9

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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: 131.943 ng

RT: 15.87 min Scan# 2173

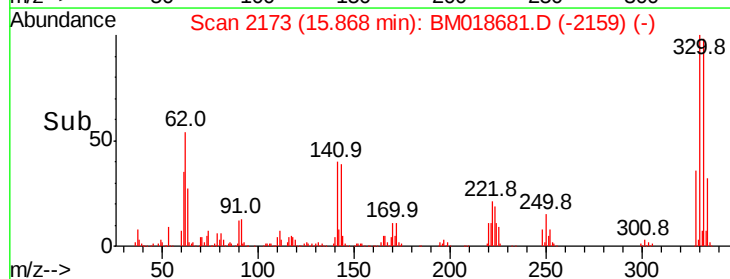
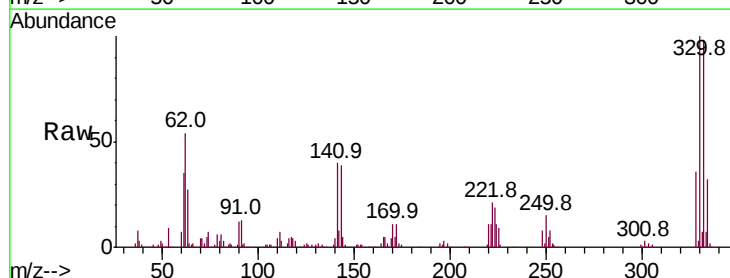
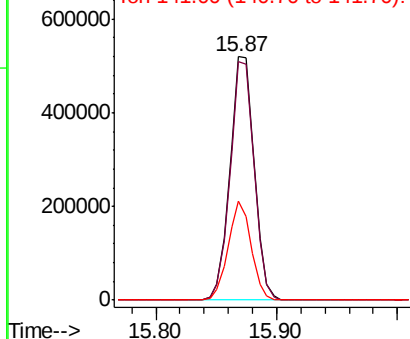
Delta R.T. -0.02 min

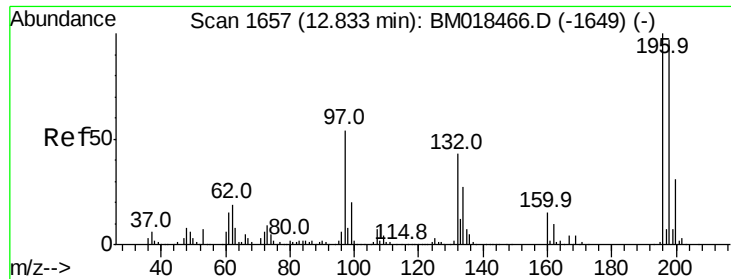
Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	330	Resp:	728440
Ion Ratio	Lower	Upper	
330	100		
332	97.3	77.6	116.4
141	38.4	31.7	47.5

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





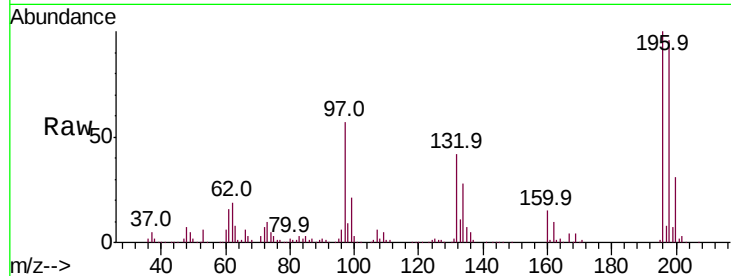
#43
 2,4,6-Trichlorophenol
 Concen: 41.573 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018681.D
 Acq: 29 Jan 2019 17:22

Instrument :
 BNA_M
 ClientSampleId :
 PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	382788		
198	95.6	76.6	115.0	
200	31.3	24.2	36.4	

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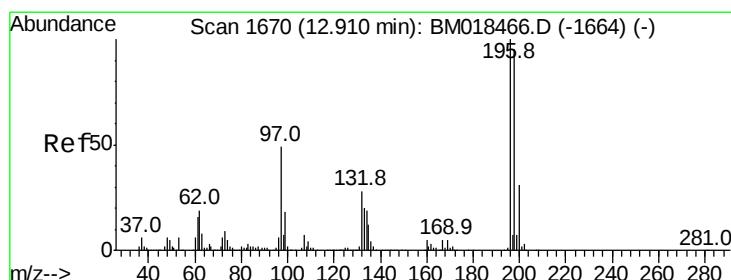
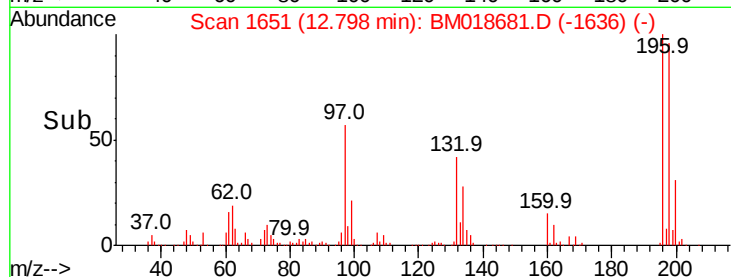
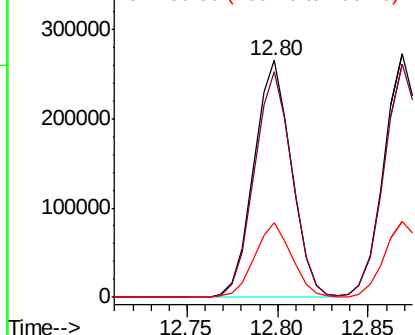


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.619 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM018681.D
 Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	403025		
198	95.7	76.7	115.1	
97	48.9	39.2	58.8	
132	27.8	22.3	33.5	

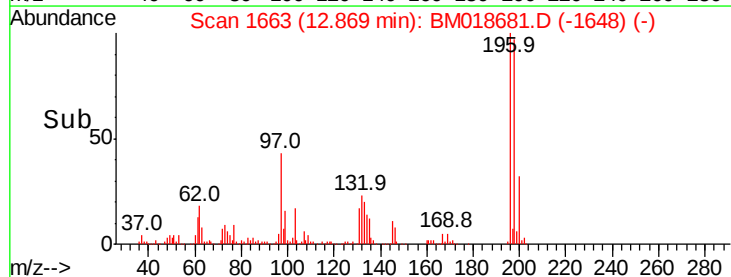
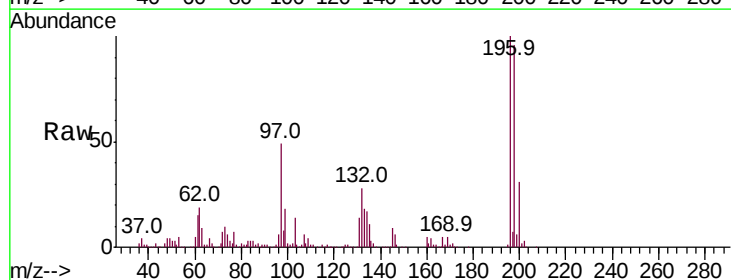
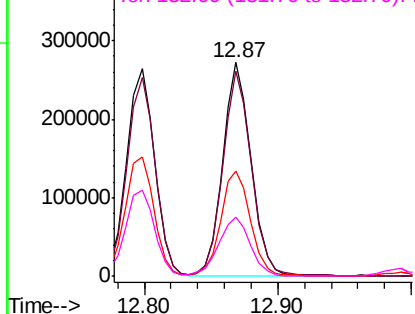
Abundance

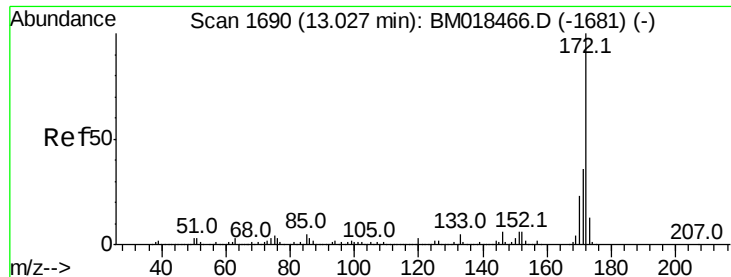
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





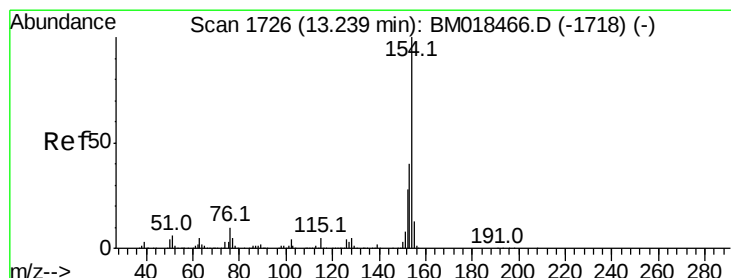
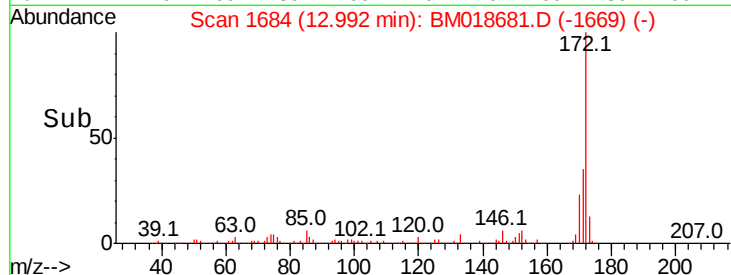
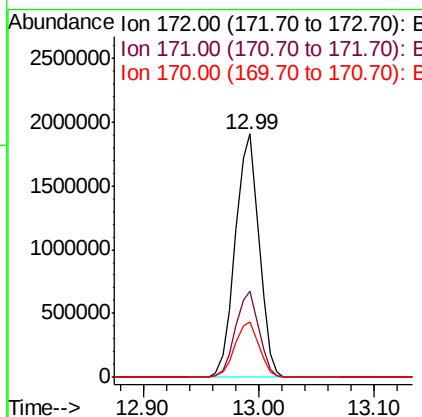
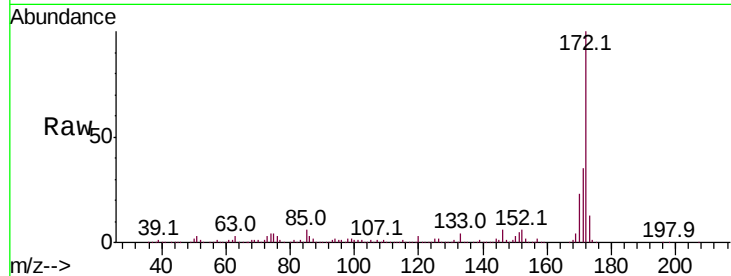
#45
2-Fluorobiphenyl
Concen: 81.826 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion:172 Resp: 2719003
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.0 18.9 28.3

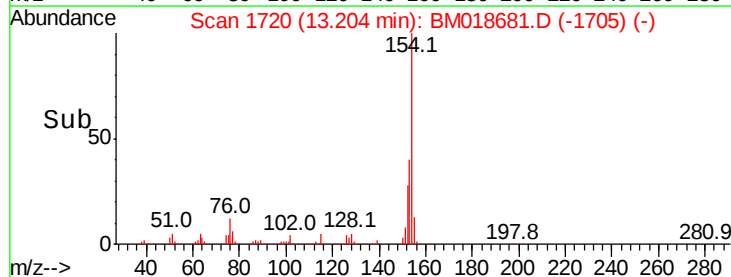
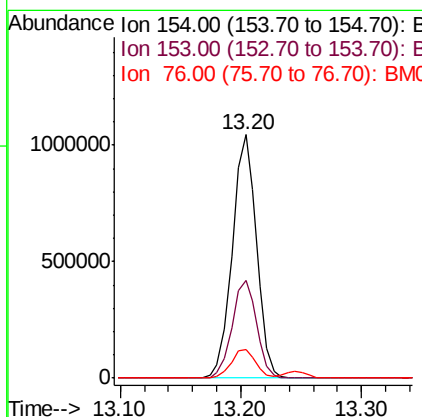
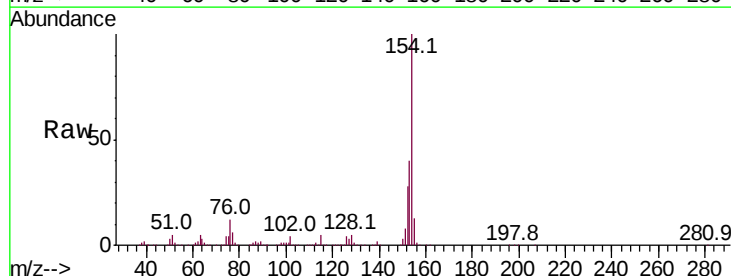
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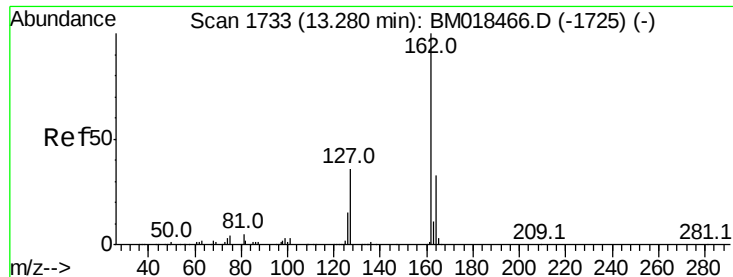
mohammad
1/30/2019 11:10:34 AM



#46
1,1'-Biphenyl
Concen: 38.475 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion:154 Resp: 1456619
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.0 0.0 31.9





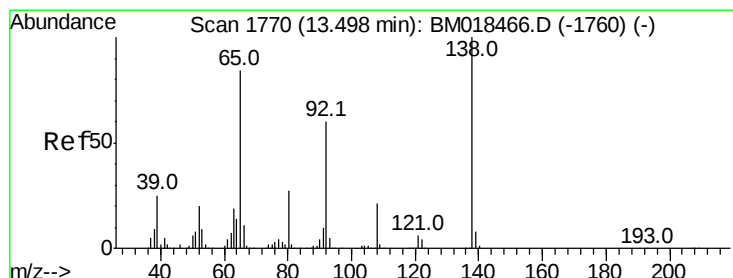
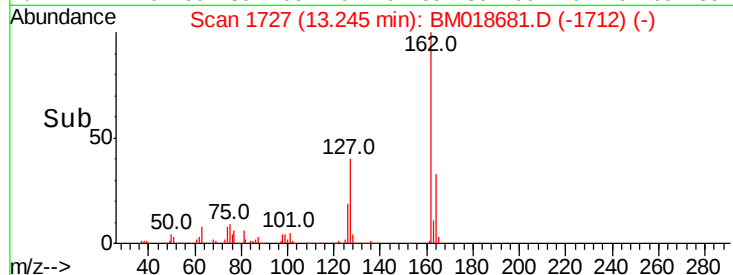
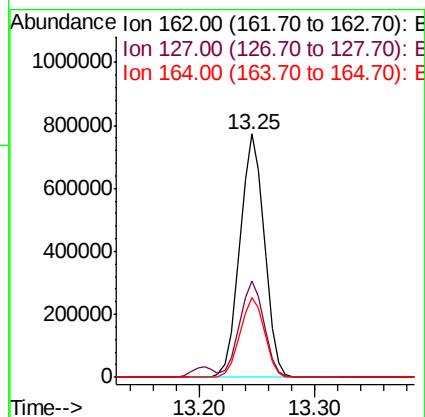
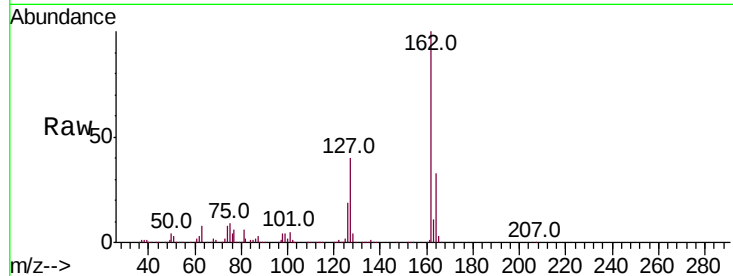
#47
2-Chloronaphthalene
Concen: 38.677 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampled :
PB116697BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.4	47.0
164	32.7	26.2	39.4

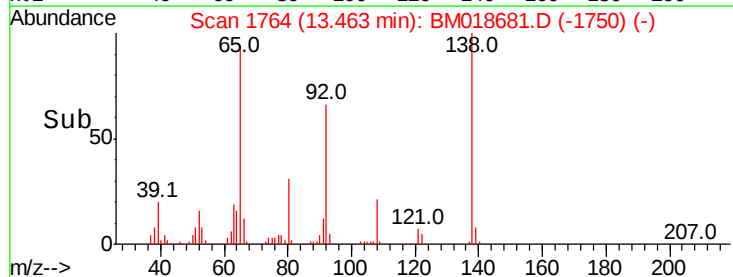
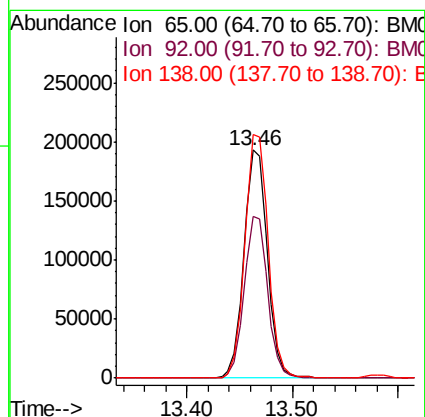
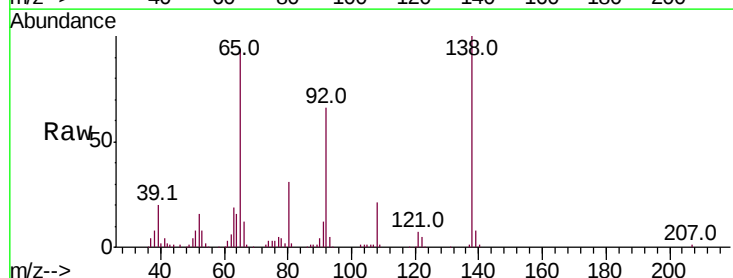
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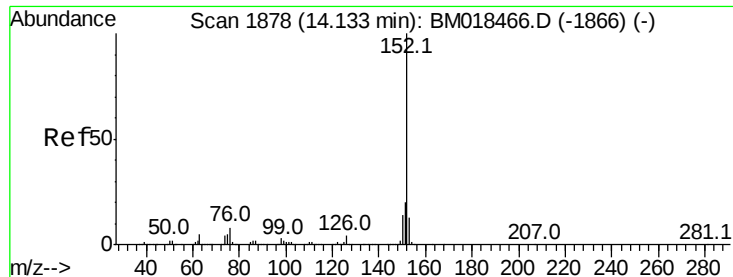
mohammad
1/30/2019 11:10:34 AM



#48
2-Nitroaniline
Concen: 41.037 ng
RT: 13.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.1	53.4	80.2
138	106.9	88.9	133.3





#49

Acenaphthylene

Concen: 41.071 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB116697BS

Tot Ion:152 Resp: 1757191

Ion Ratio Lower Upper

152 100

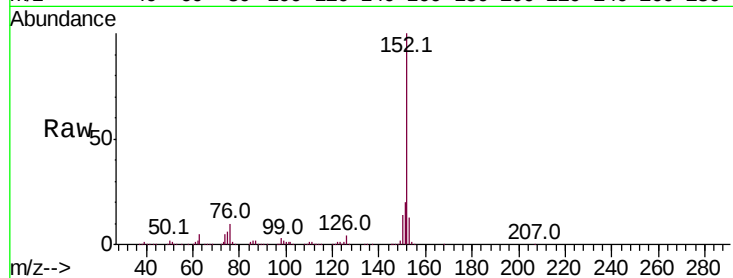
151 19.7 15.7 23.5

153 13.2 10.5 15.7

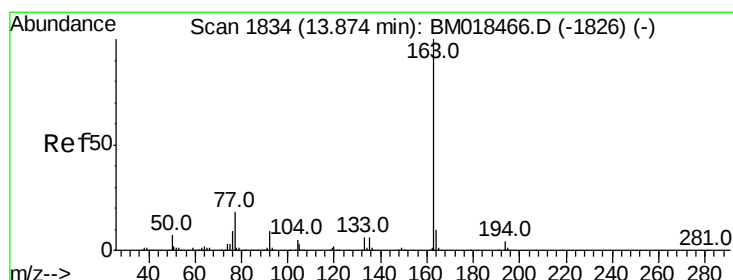
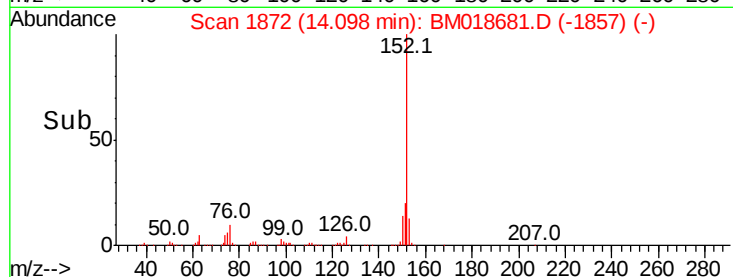
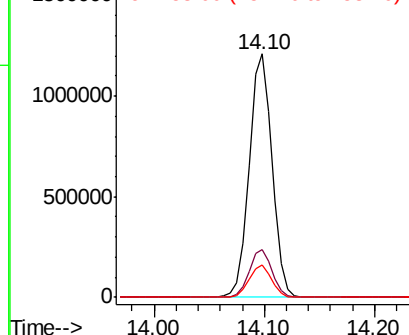
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.863 ng

RT: 13.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

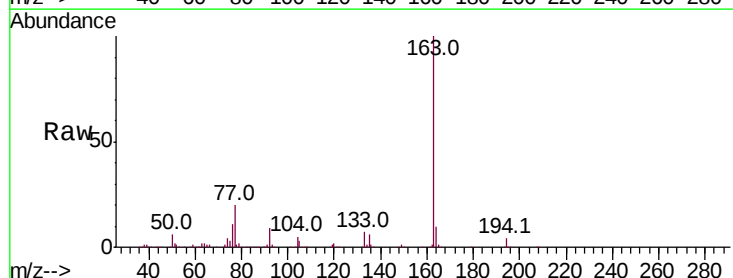
Tgt Ion:163 Resp: 1312695

Ion Ratio Lower Upper

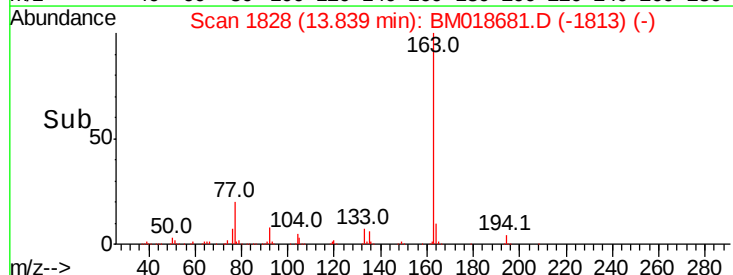
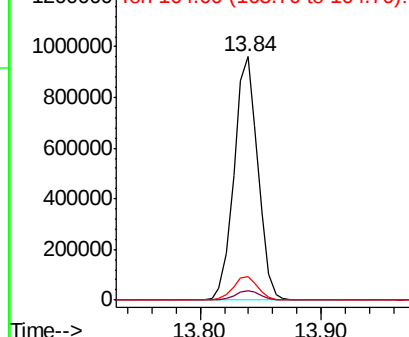
163 100

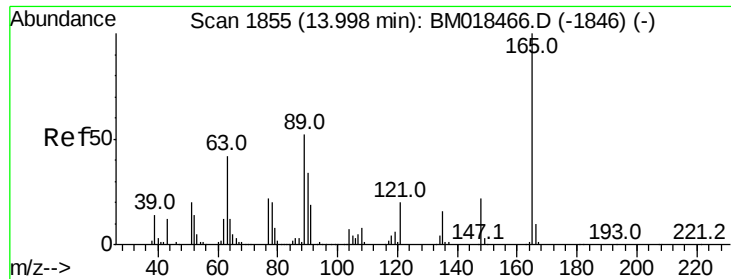
194 4.0 3.0 4.6

164 9.9 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





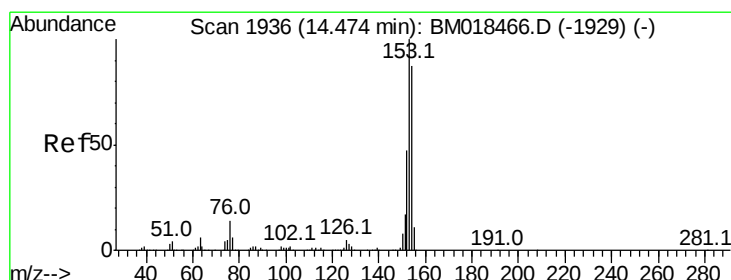
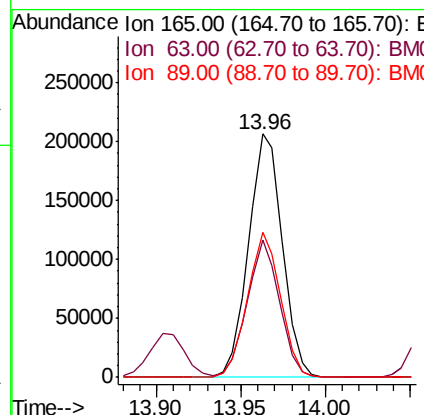
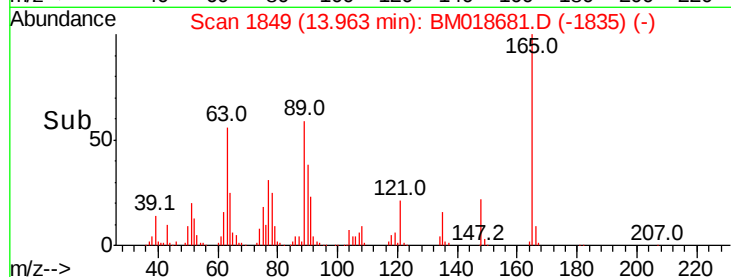
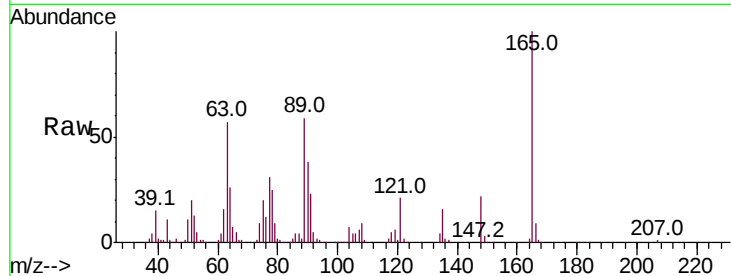
#51
2,6-Dinitrotoluene
Concen: 38.098 ng
RT: 13.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampled :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	287371		
63	56.6		45.6	68.4
89	59.4		44.6	66.8

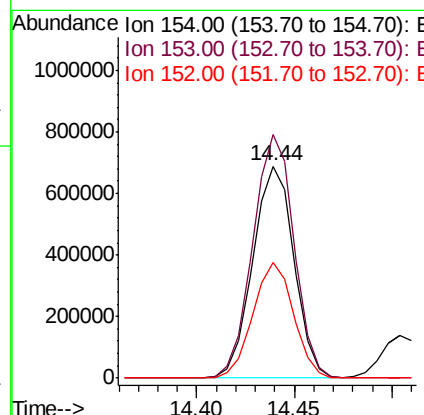
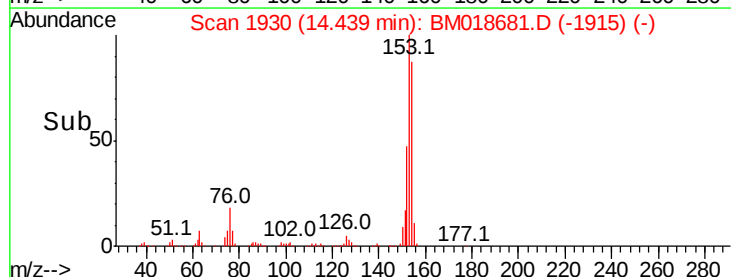
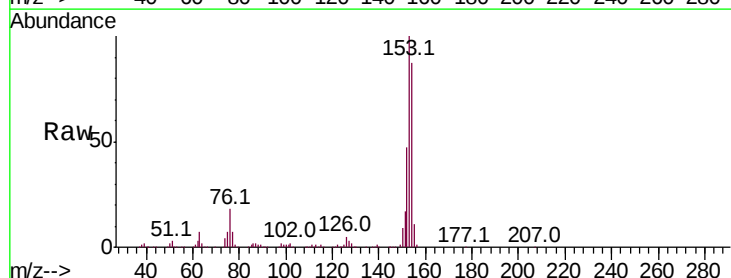
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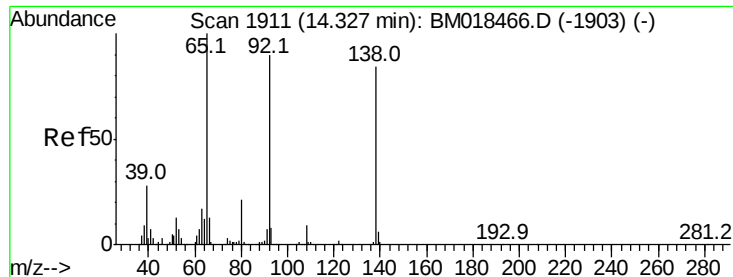
mohammad
1/30/2019 11:10:34 AM



#52
Acenaphthene
Concen: 38.450 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1006534		
153	114.7		92.3	138.5
152	54.2		43.8	65.6





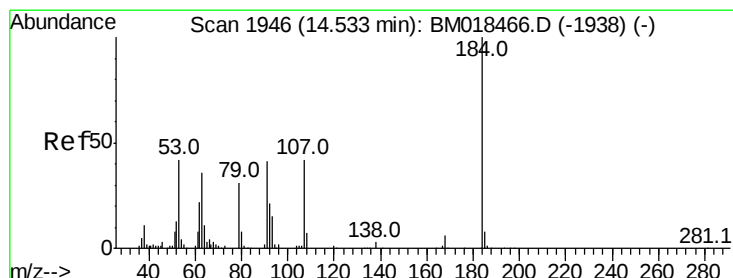
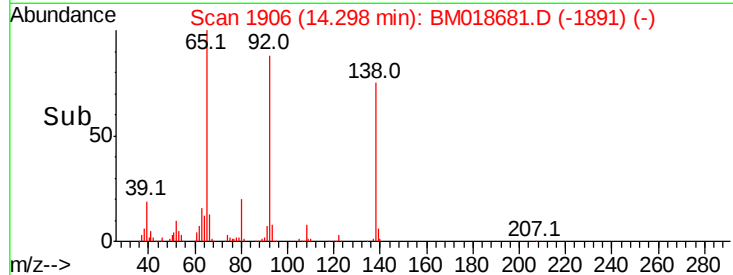
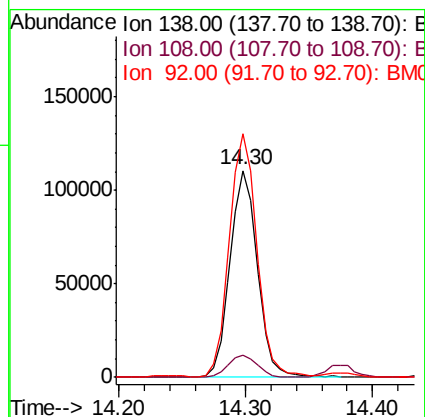
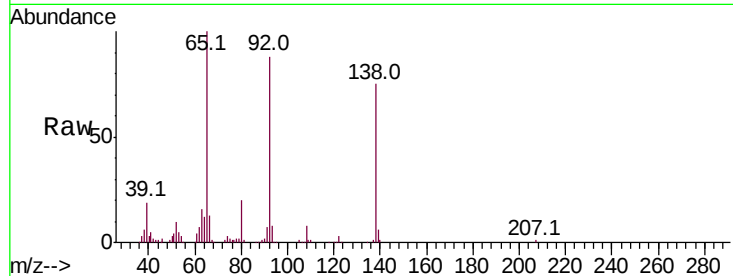
#53
3-Nitroaniline
Concen: 21.731 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	117.8	88.2	132.2

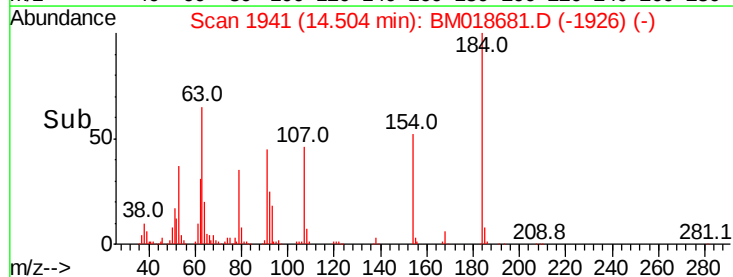
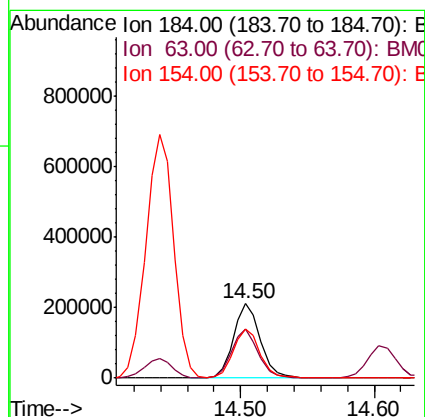
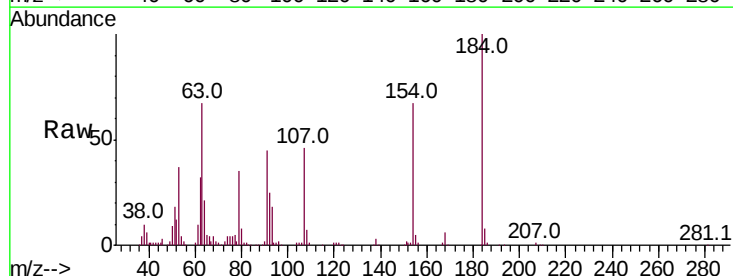
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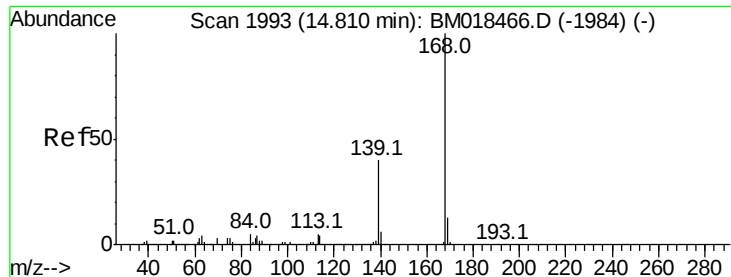
mohammad
1/30/2019 11:10:34 AM



#54
2,4-Dinitrophenol
Concen: 73.351 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.5	55.9	83.9
154	66.7	54.2	81.4





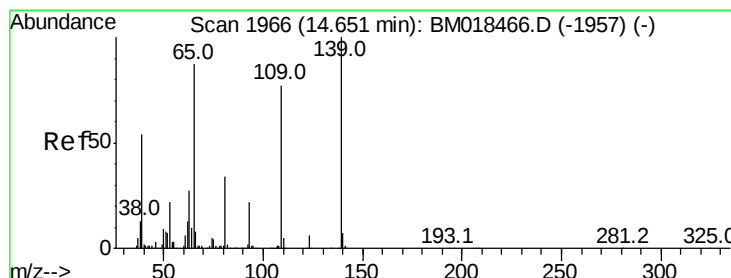
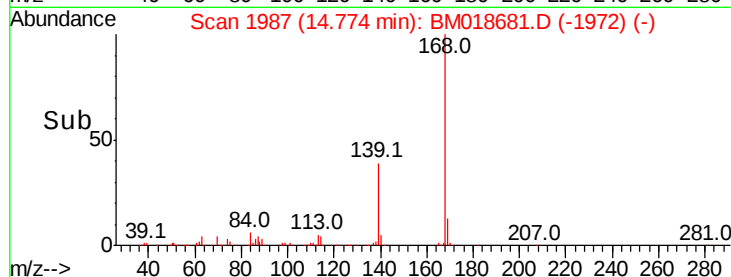
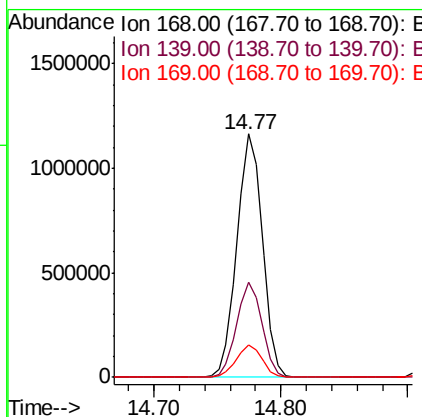
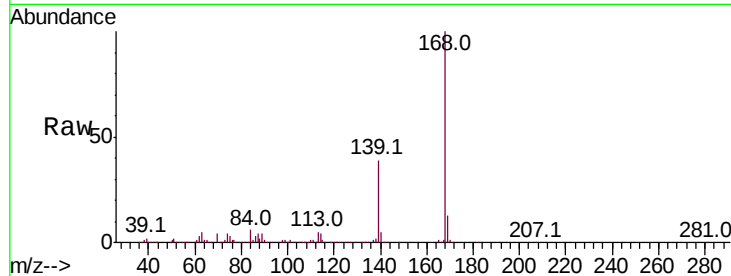
#55
Dibenzofuran
Concen: 37.446 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.3	45.5
169	13.1	10.6	16.0

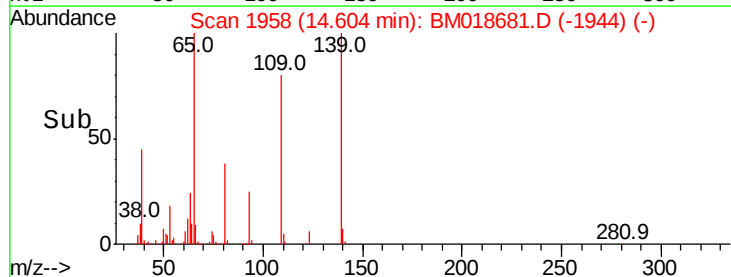
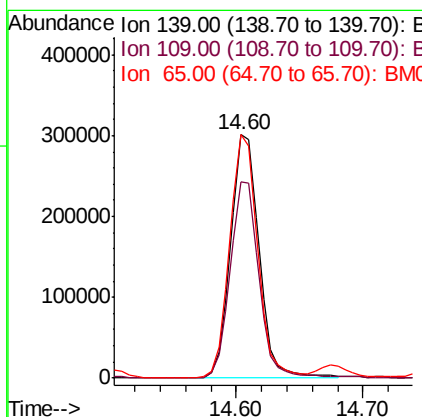
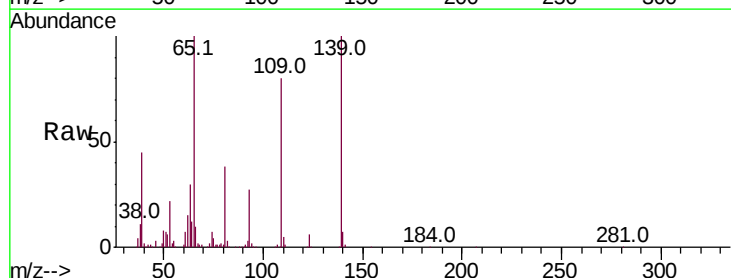
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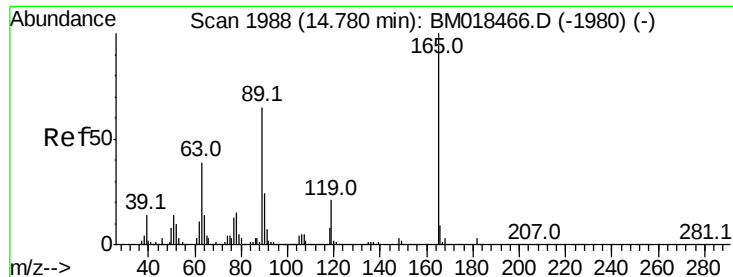
mohammad
1/30/2019 11:10:34 AM



#56
4-Nitrophenol
Concen: 70.924 ng
RT: 14.60 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.5	51.7	91.7
65	100.1	71.4	111.4





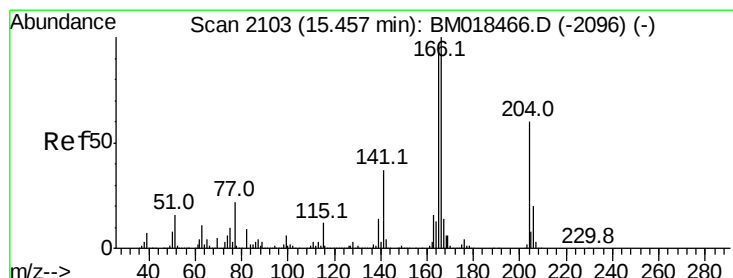
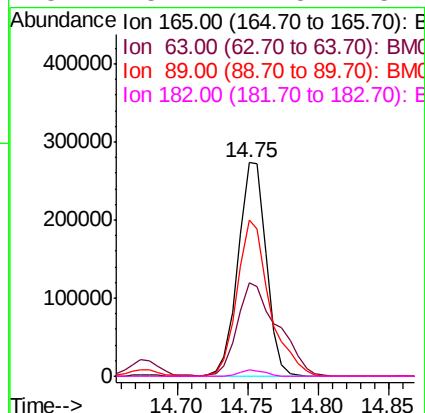
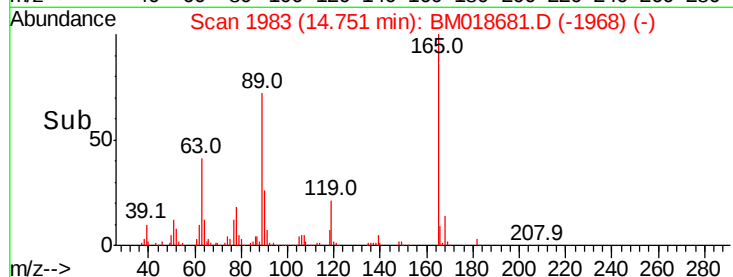
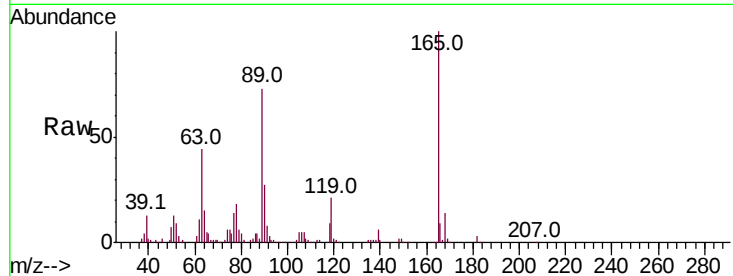
#57
2,4-Dinitrotoluene
Concen: 35.515 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	379038		
63	43.7	32.2	48.2	
89	72.9	52.1	78.1	
182	3.1	2.5	3.7	

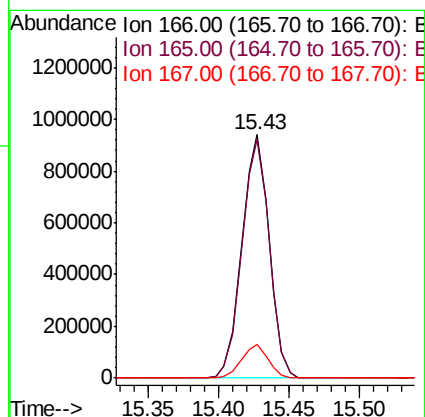
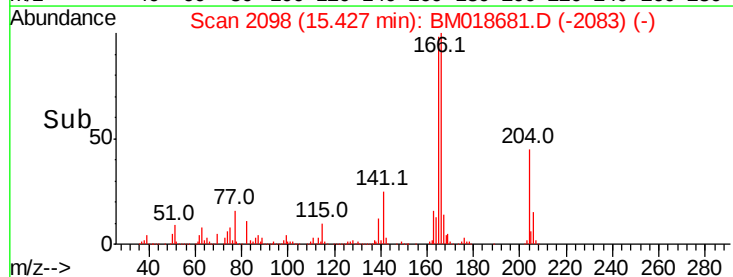
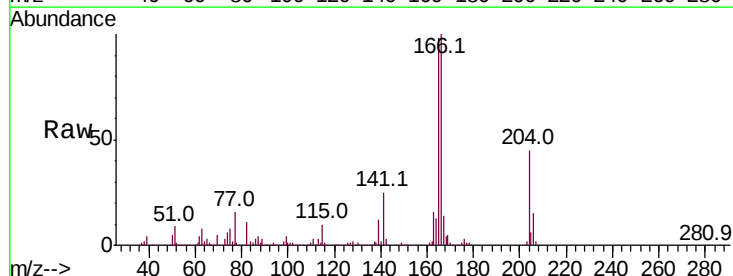
Manual Integrations
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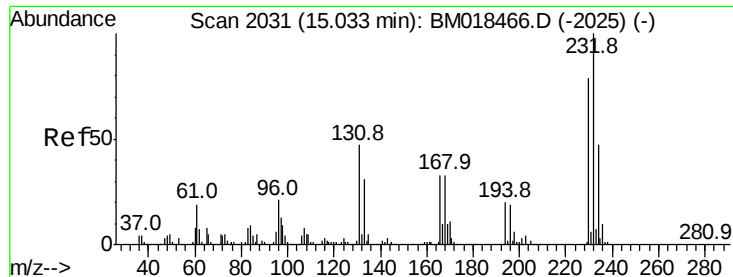
mohammad
1/30/2019 11:10:34 AM



#58
Fluorene
Concen: 39.313 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1266705		
165	97.9	78.3	117.5	
167	13.6	10.9	16.3	





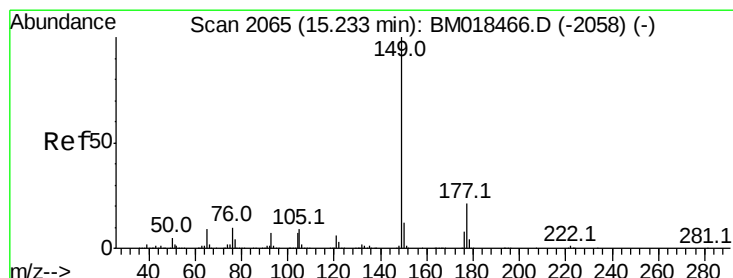
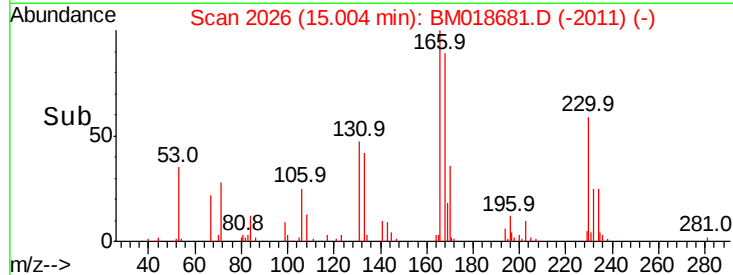
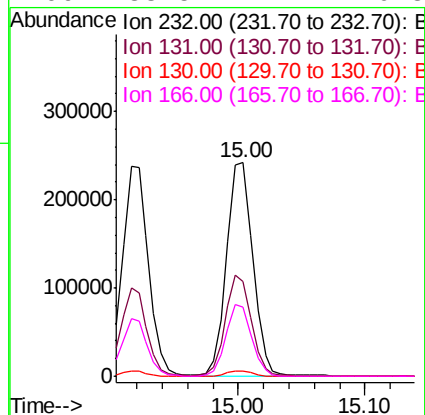
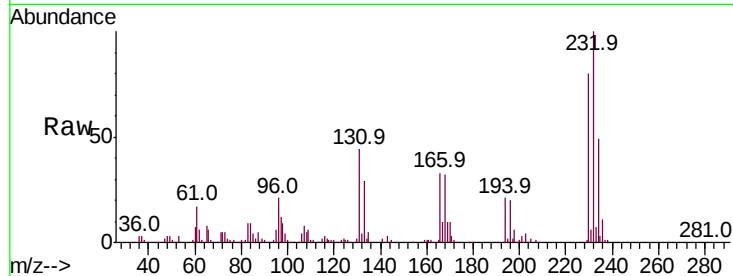
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.417 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	346919		
131	47.0		38.6	57.8
130	2.5		2.2	3.4
166	33.5		27.2	40.8

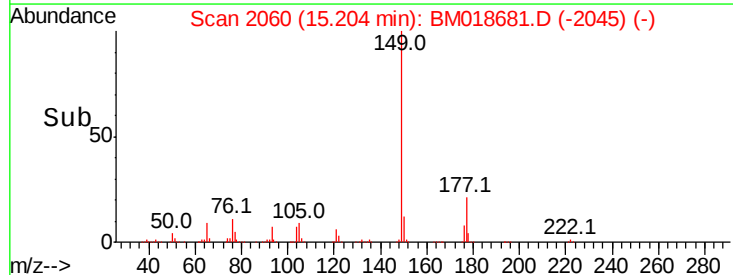
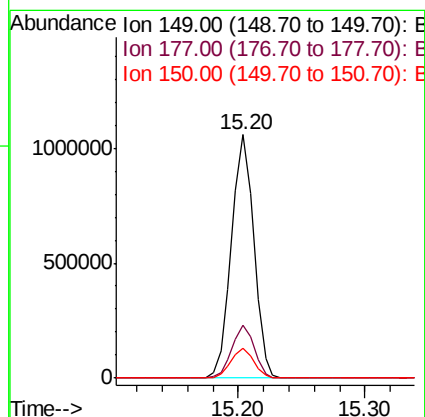
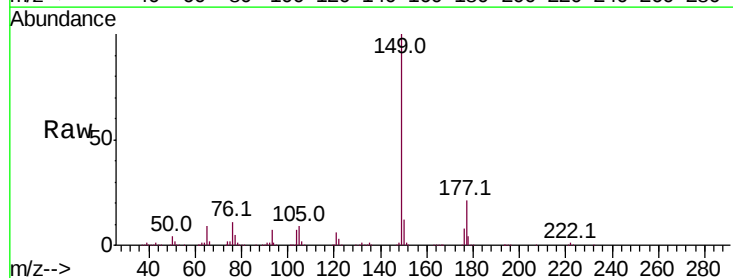
Manual Integrations
APPROVED

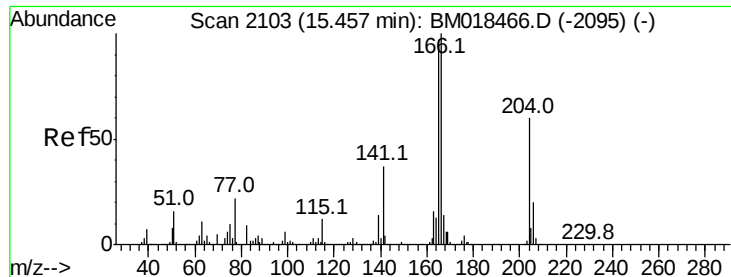
mohammad
1/30/2019 11:10:34 AM



#60
Diethylphthalate
Concen: 35.914 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1291052		
177	21.5		17.1	25.7
150	12.2		9.8	14.6





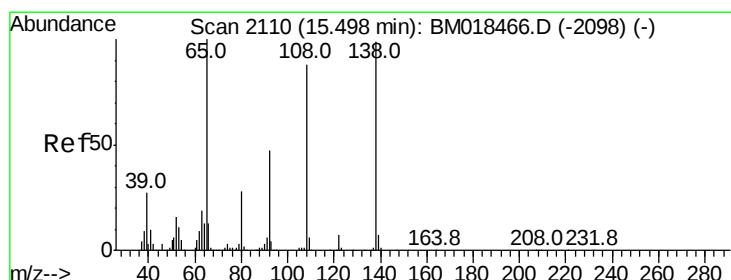
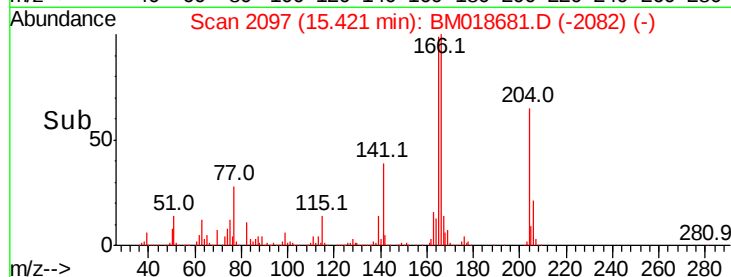
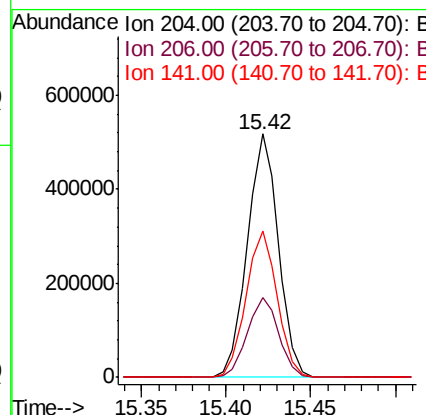
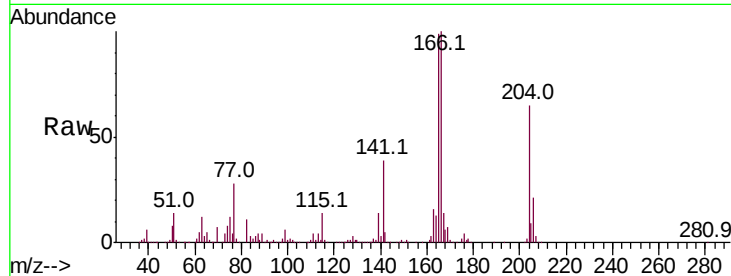
#61
4-Chlorophenyl-phenylether
Concen: 35.774 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	60.0	49.5	74.3

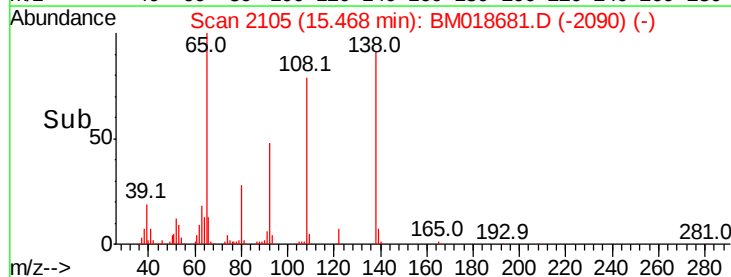
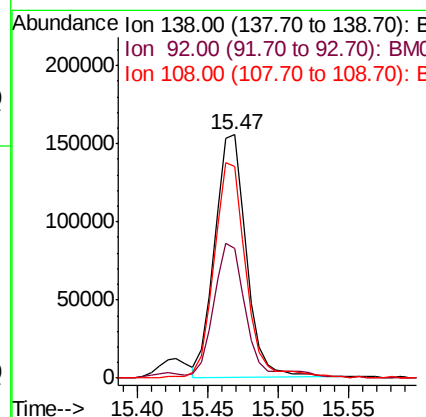
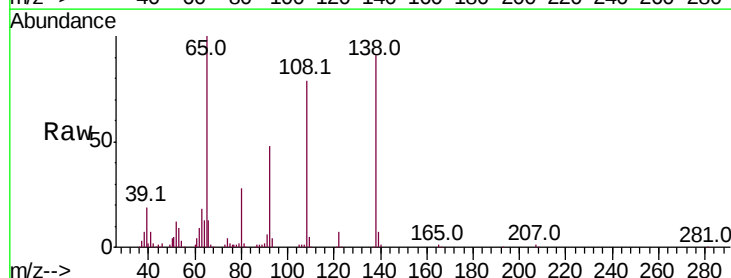
Manual Integrations
APPROVED

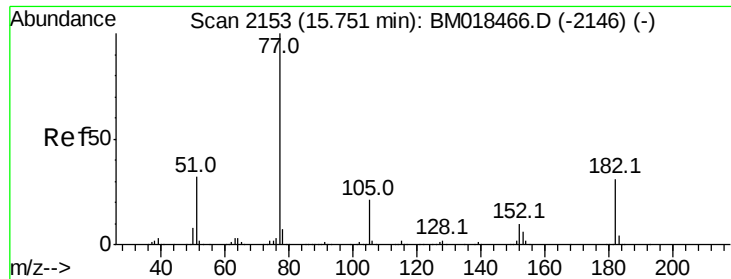
mohammad
1/30/2019 11:10:34 AM



#62
4-Nitroaniline
Concen: 29.116 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	29.0	69.0
108	86.8	63.9	103.9





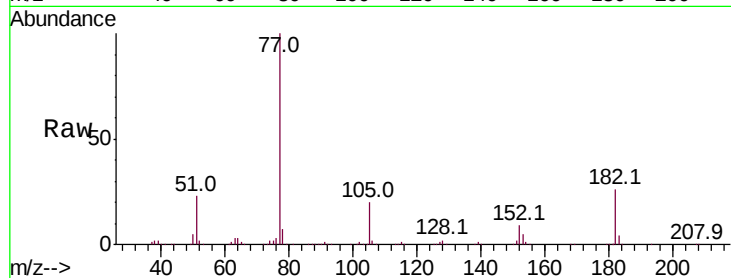
#63
Azobenzene
Concen: 41.621 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.8	7.4	47.4
105	19.6	0.0	39.6
51	23.2	12.0	52.0

Manual Integrations
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mohammad
1/30/2019 11:10:34 AM

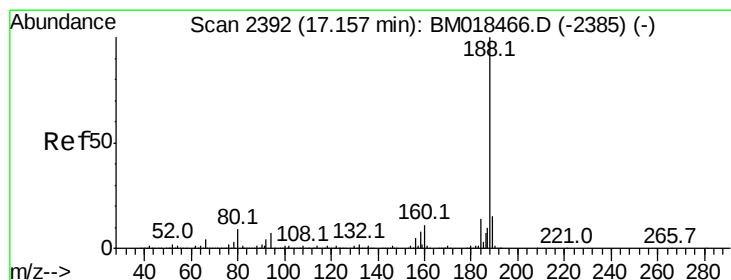
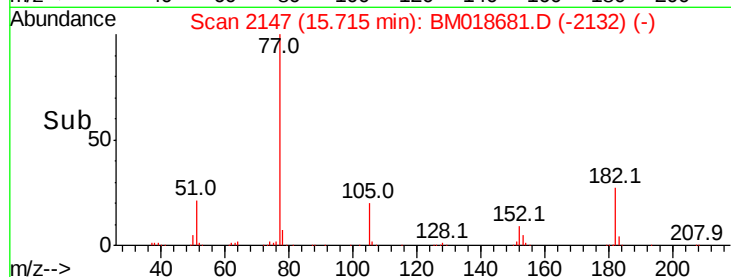
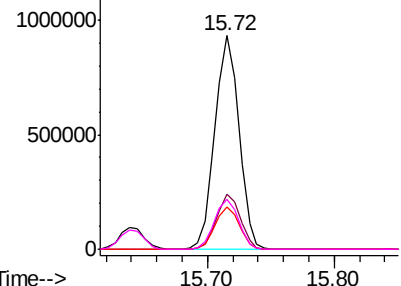


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)



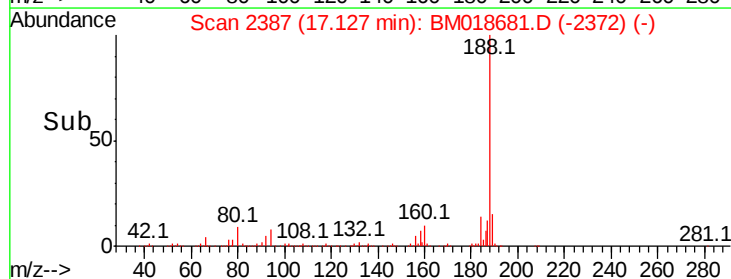
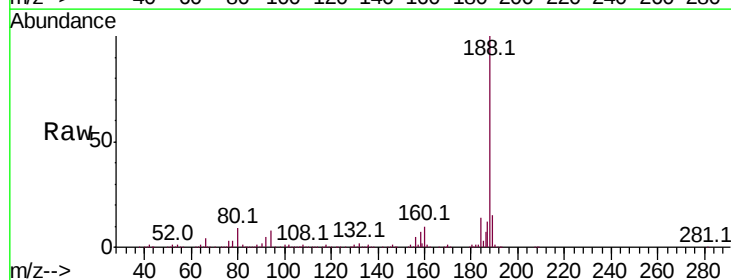
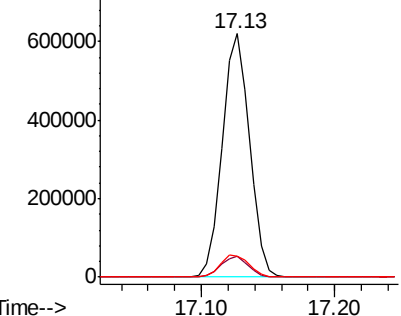
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

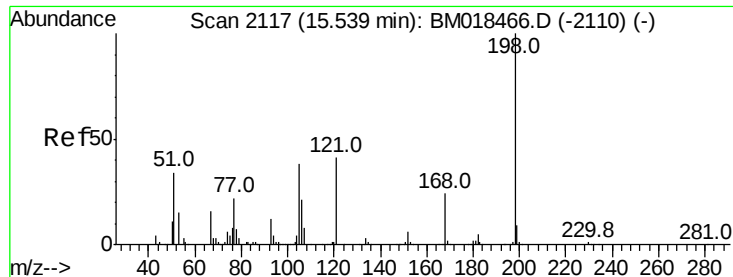
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	8.8	7.6	11.4

Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)





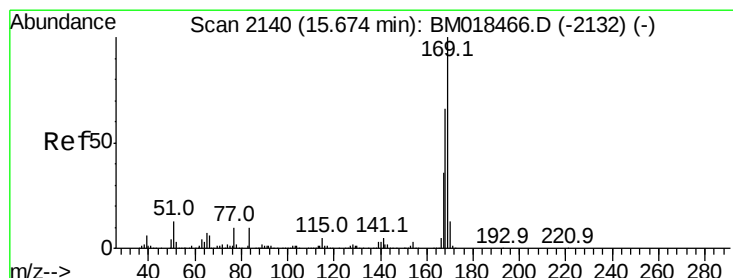
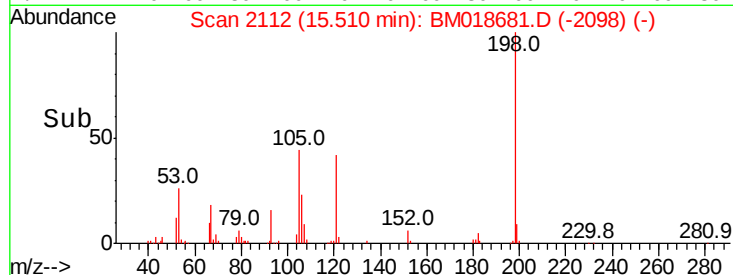
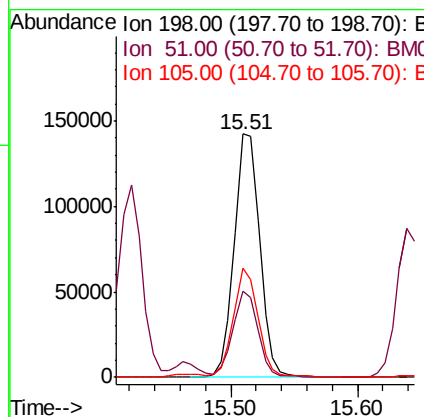
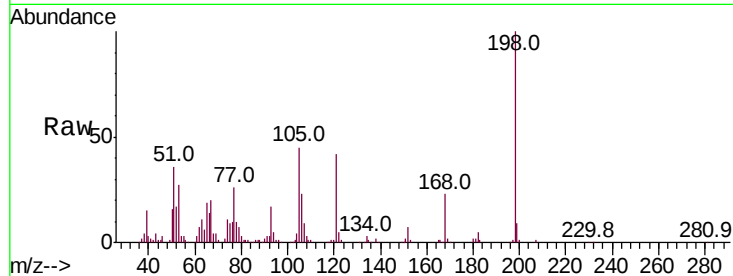
#65
4,6-Dinitro-2-methylphenol
Concen: 36.910 ng
RT: 15.51 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	198214		
51	35.6	29.6	69.6	
105	44.8	25.5	65.5	

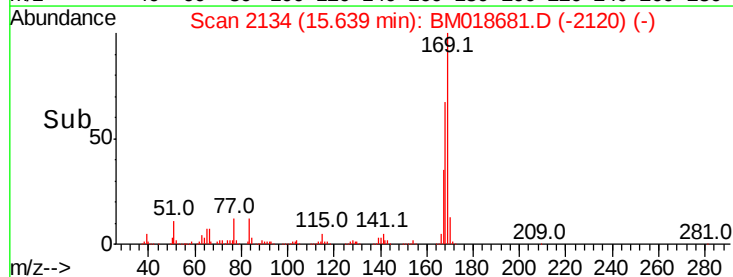
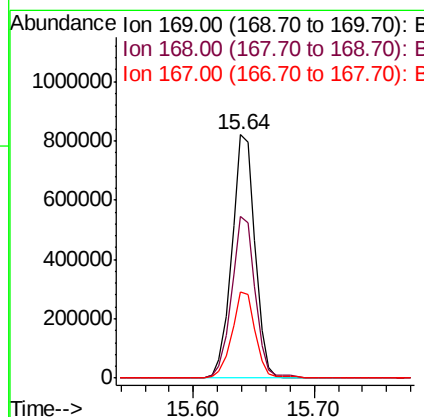
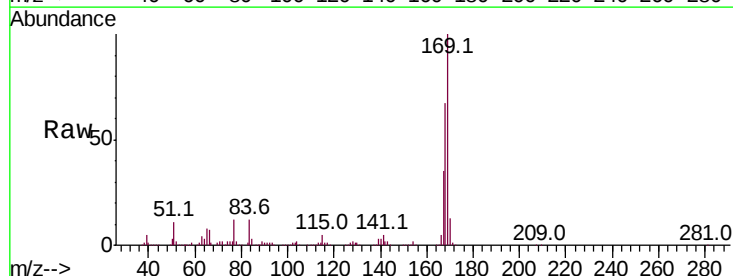
Manual Integrations
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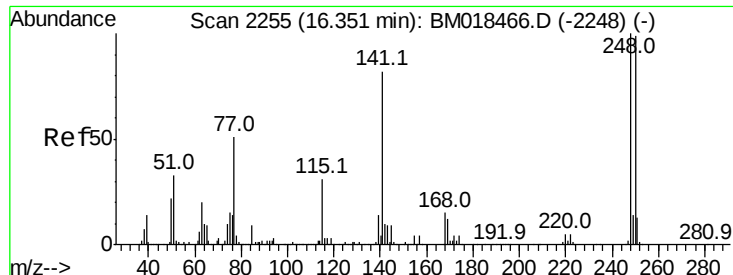
mohammad
1/30/2019 11:10:34 AM



#66
n-Nitrosodiphenylamine
Concen: 40.188 ng
RT: 15.64 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1091838		
168	66.6	54.1	81.1	
167	35.2	28.6	42.8	





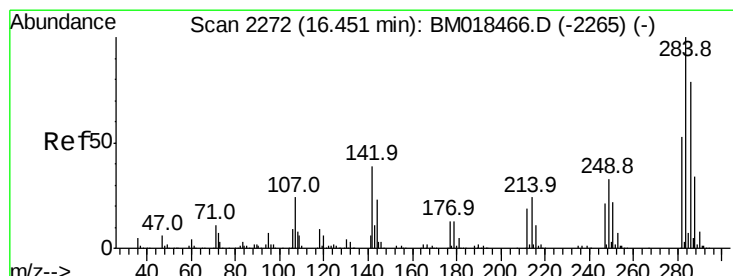
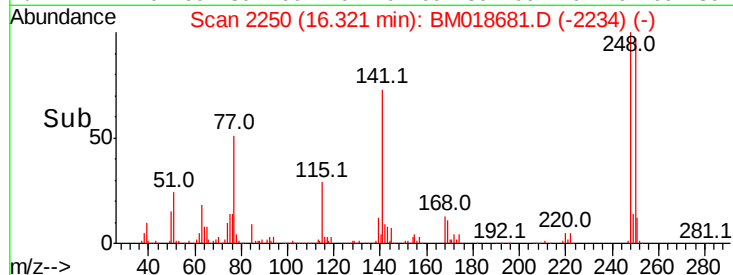
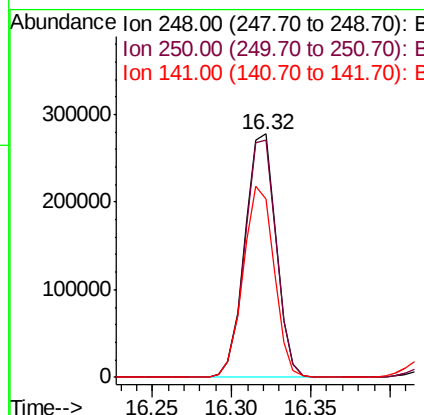
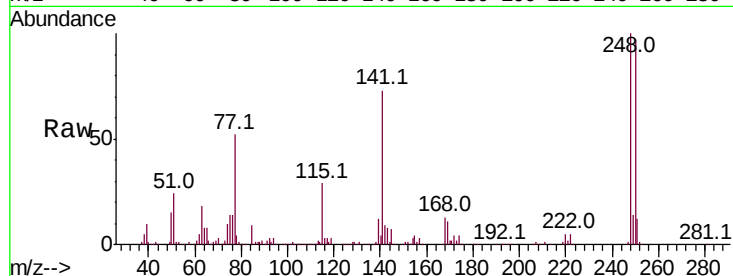
#67
4-Bromophenyl-phenylether
Concen: 38.759 ng
RT: 16.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	76.0	114.0
141	73.1	61.5	92.3

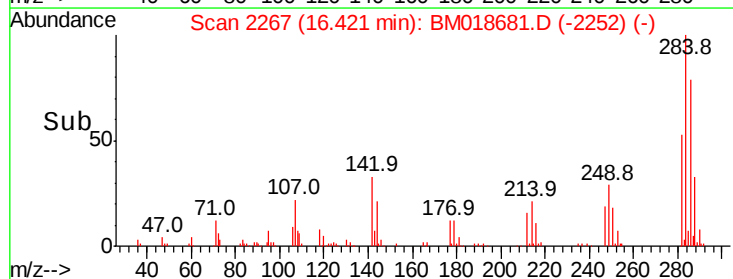
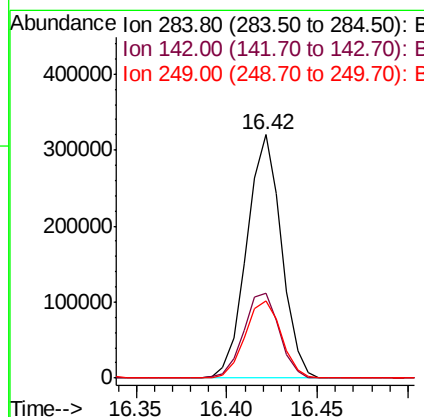
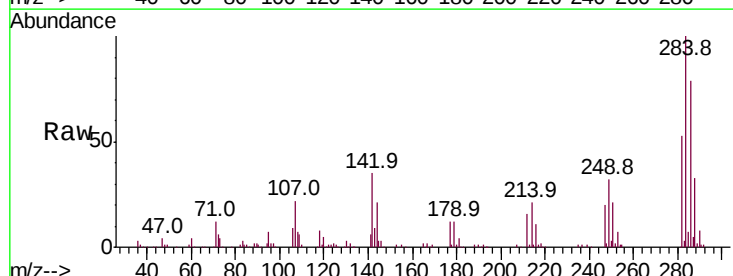
Manual Integrations
APPROVED

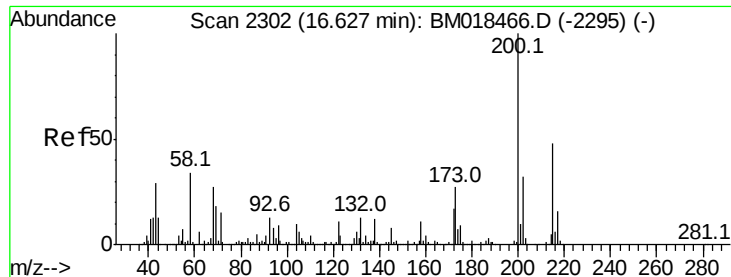
mohammad
1/30/2019 11:10:34 AM



#68
Hexachlorobenzene
Concen: 38.636 ng
RT: 16.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	29.2	43.8
249	31.8	26.1	39.1





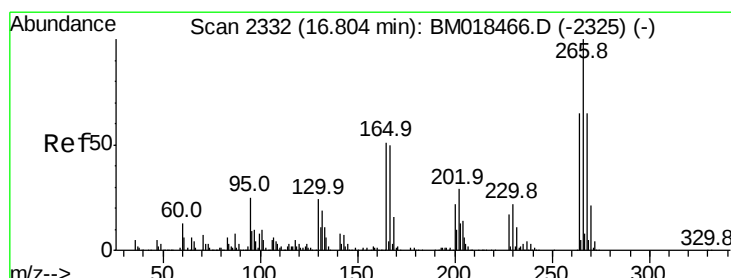
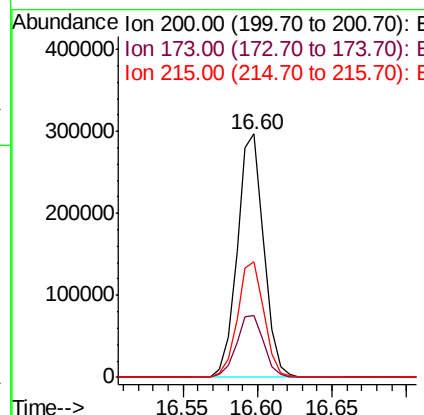
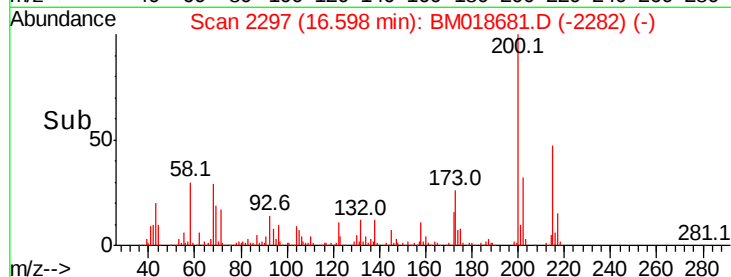
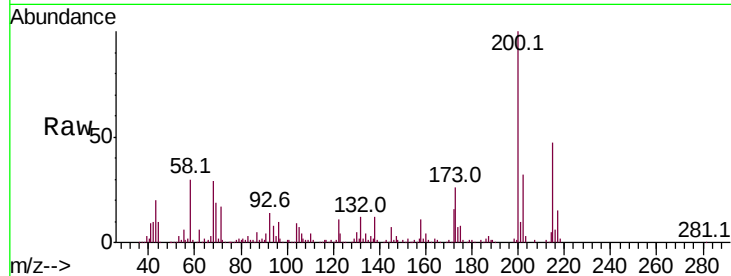
#69
Atrazine
Concen: 37.464 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	7.2	47.2
215	47.5	28.3	68.3

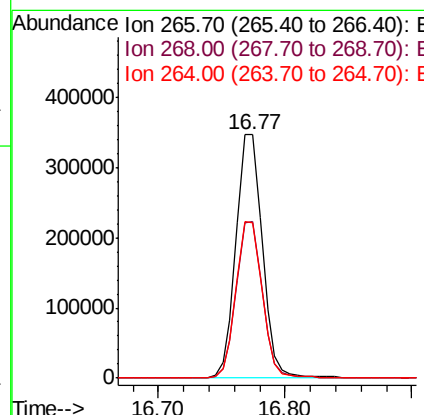
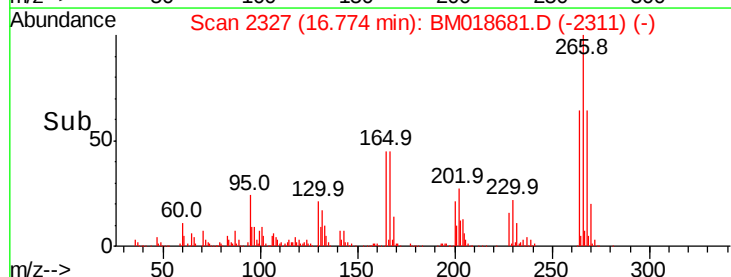
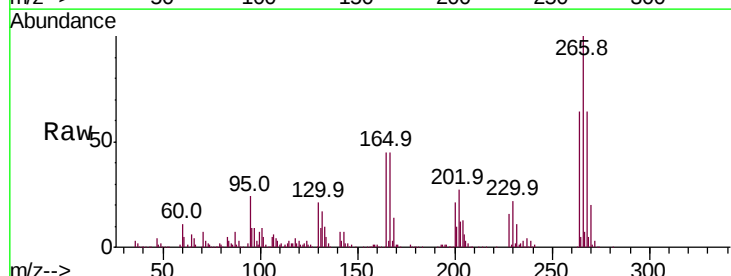
Manual Integrations
APPROVED

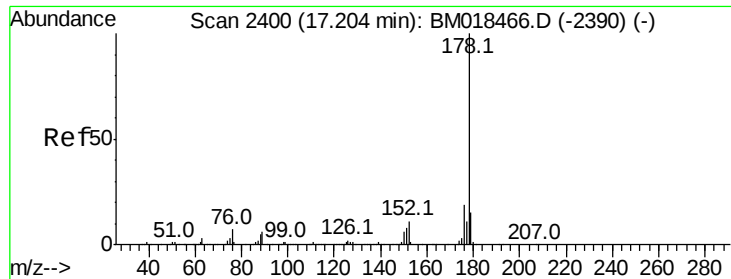
mohammad
1/30/2019 11:10:34 AM



#70
Pentachlorophenol
Concen: 69.766 ng
RT: 16.77 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	49.8	74.6
264	64.0	50.1	75.1





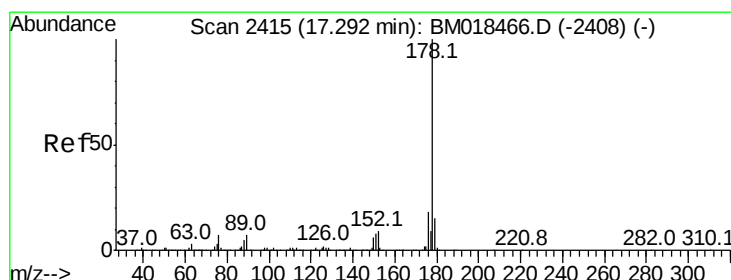
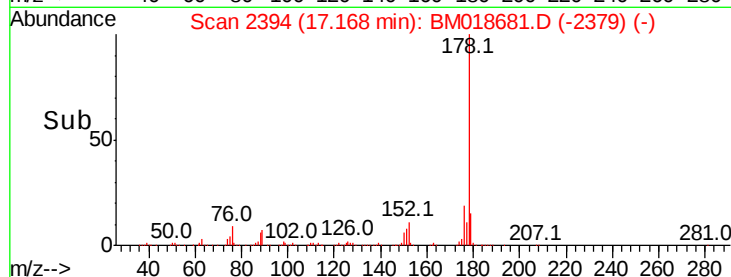
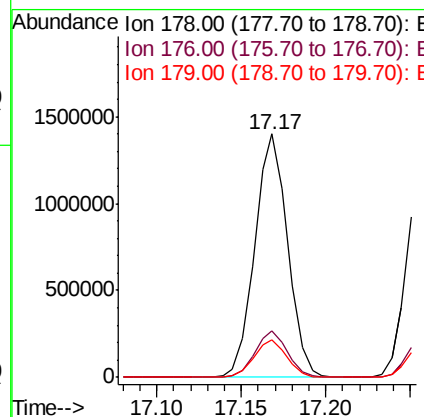
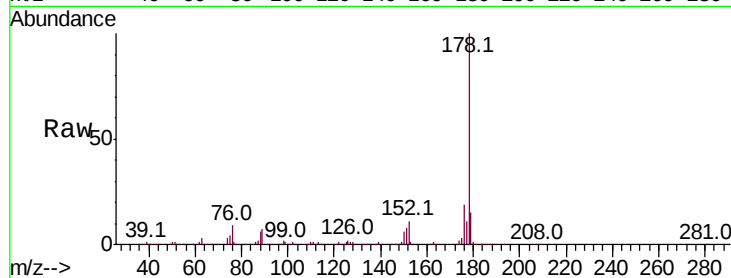
#71
Phenanthrene
Concen: 40.364 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.4	12.2	18.4

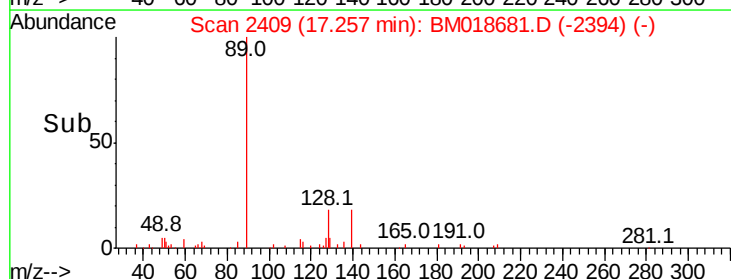
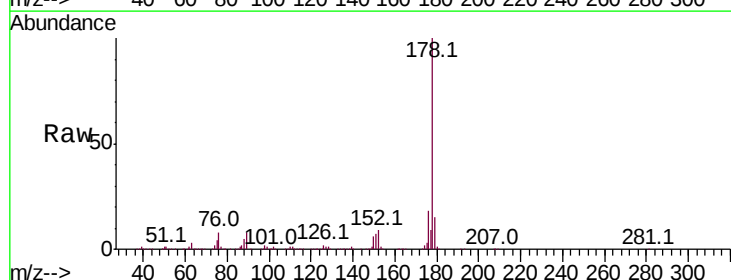
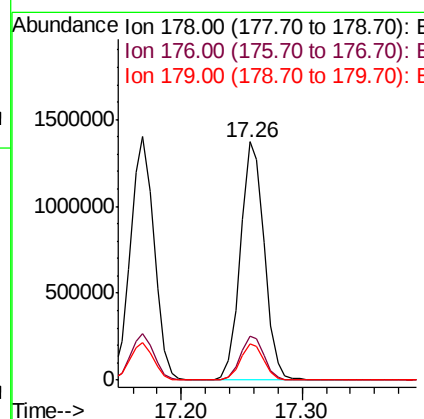
Manual Integrations
APPROVED

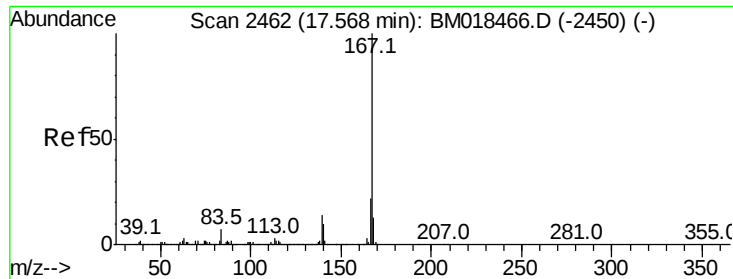
mohammad
1/30/2019 11:10:34 AM



#72
Anthracene
Concen: 42.124 ng
RT: 17.26 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.5	12.2	18.4





#73

Carbazole

Concen: 35.761 ng

RT: 17.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB116697BS

Tot Ion:167 Resp: 1645874

Ion Ratio Lower Upper

167 100

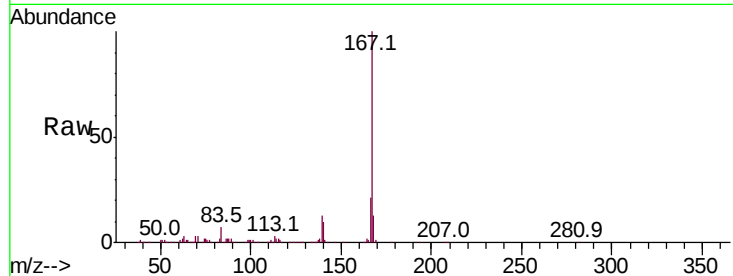
166 21.4 17.4 26.2

139 13.0 10.6 16.0

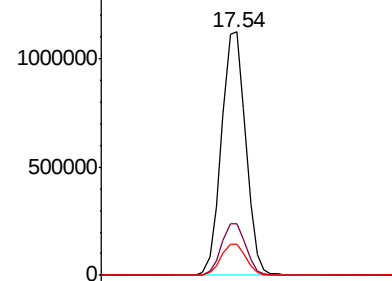
Manual Integrations
APPROVED

mohammad

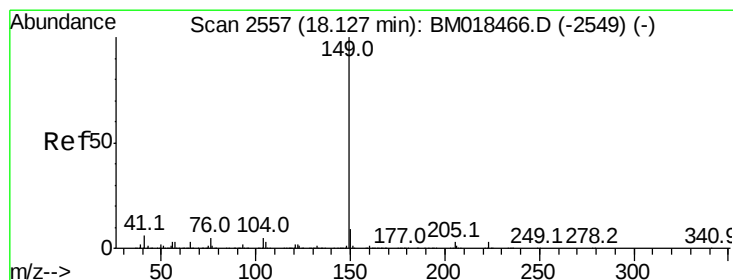
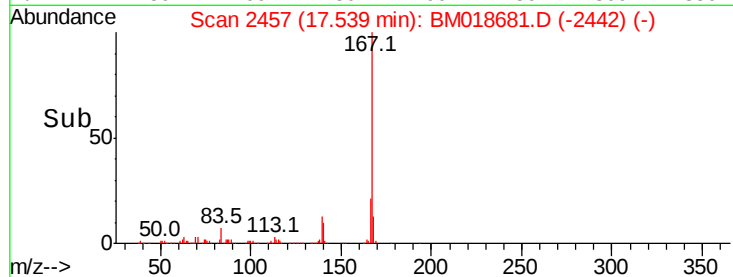
1/30/2019 11:10:34 AM



Abundance Ion 167.00 (166.70 to 167.70): E
1500000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 38.670 ng

RT: 18.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

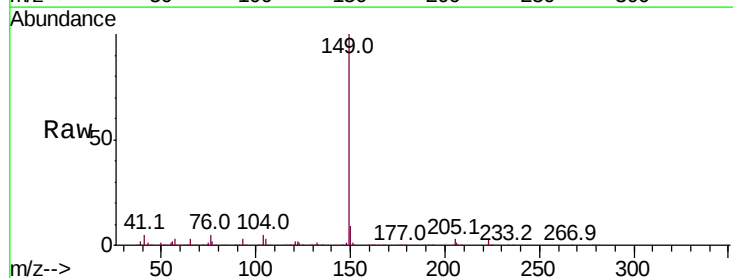
Tgt Ion:149 Resp: 1949497

Ion Ratio Lower Upper

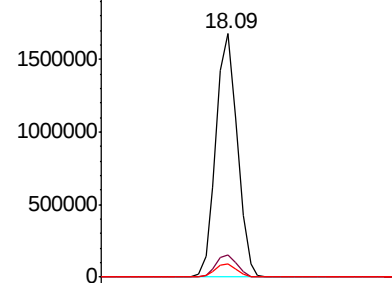
149 100

150 8.9 7.3 10.9

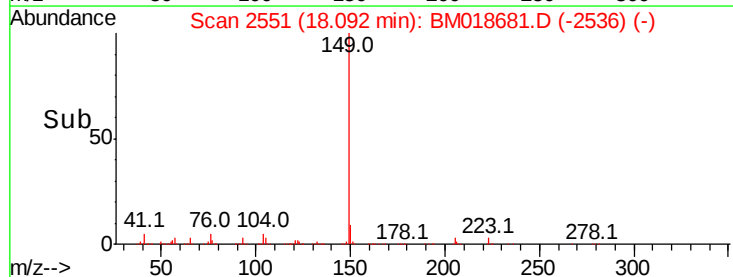
104 5.3 4.2 6.4

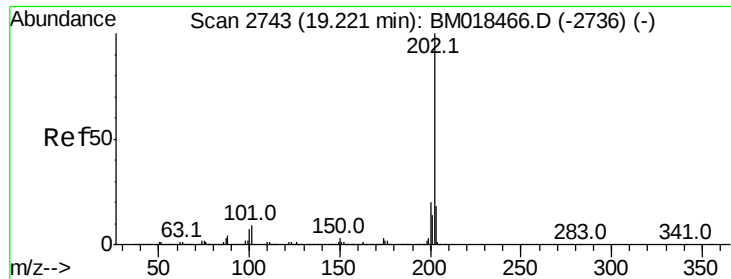


Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



Time-->





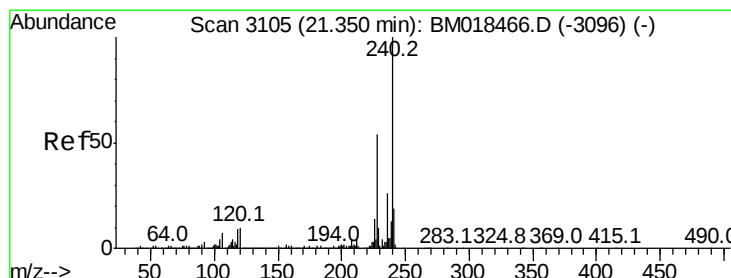
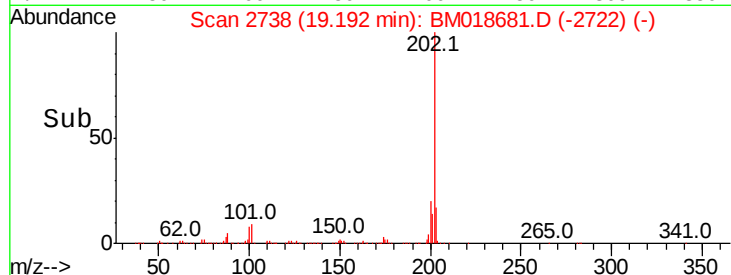
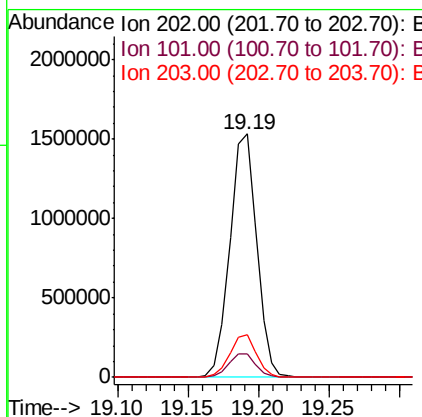
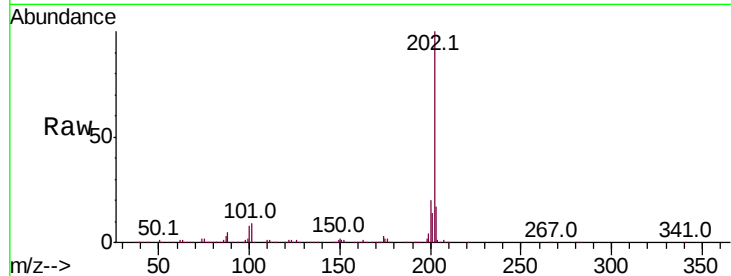
#75
Fluoranthene
Concen: 37.924 ng
RT: 19.19 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.9
203	17.4	0.0	37.4

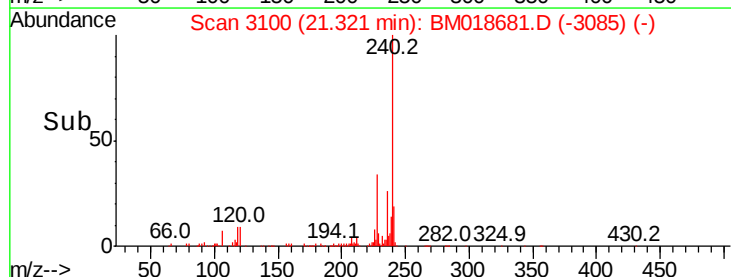
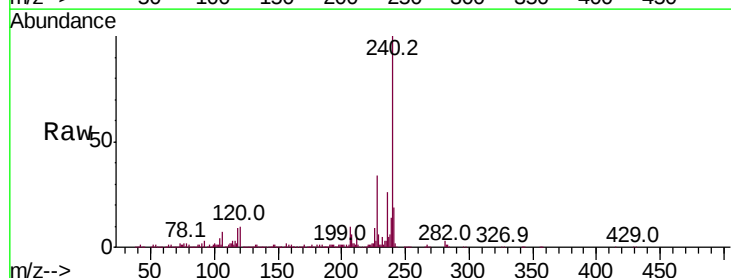
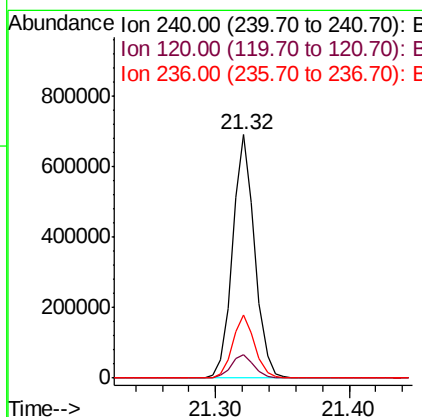
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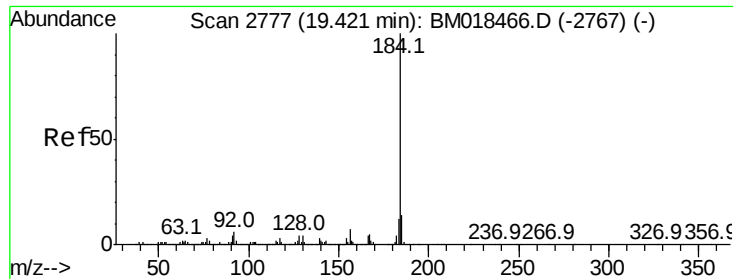
mohammad
1/30/2019 11:10:34 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	25.8	20.7	31.1





#77

Benzidine

Concen: 47.008 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

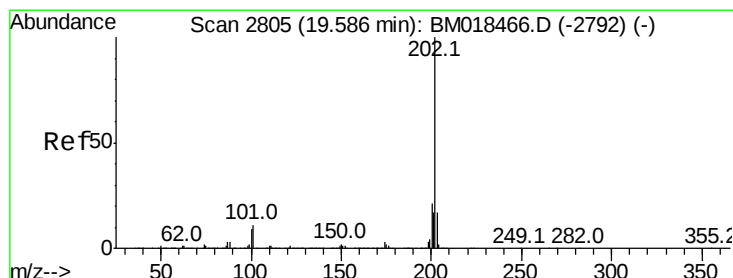
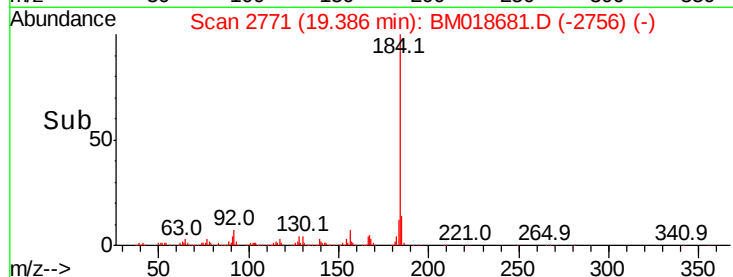
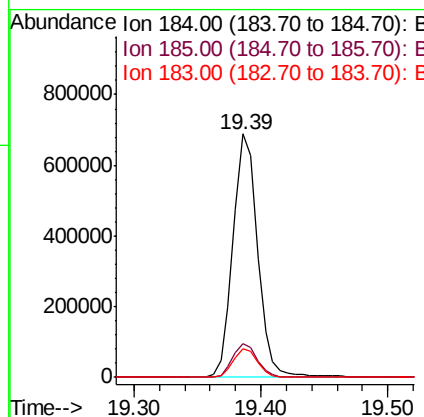
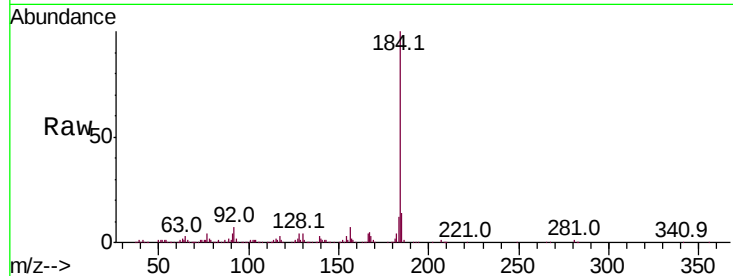
ClientSampleId :

PB116697BS

Tot Ion:	184	Resp:	925628
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.4	17.0
183	11.8	9.5	14.3

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#78

Pyrene

Concen: 44.248 ng

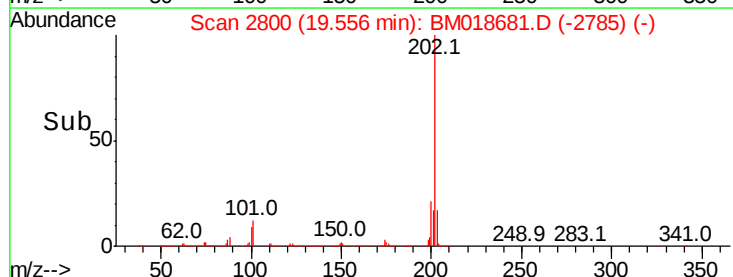
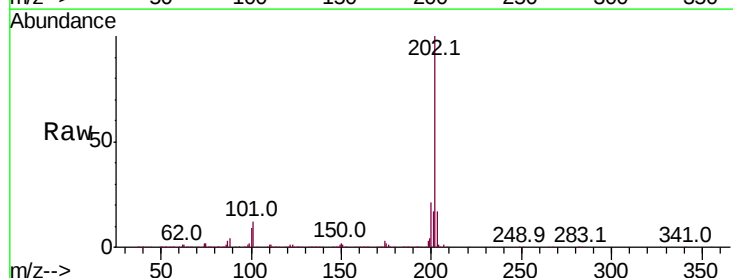
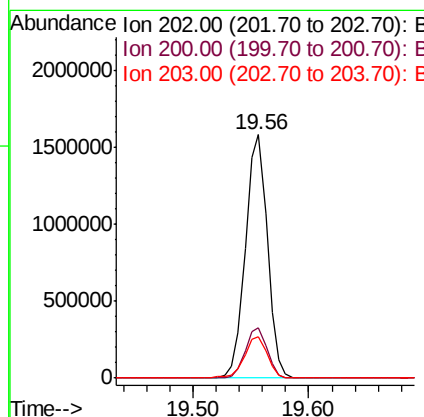
RT: 19.56 min Scan# 2800

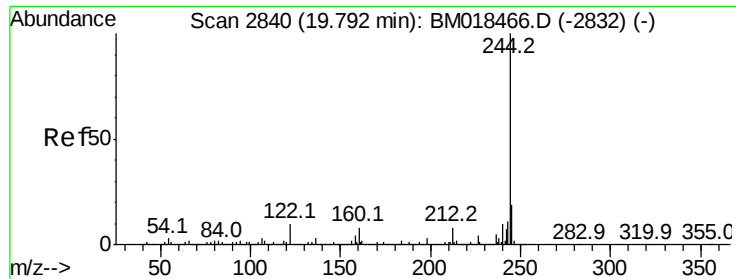
Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	202	Resp:	2091614
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	17.2	13.8	20.8





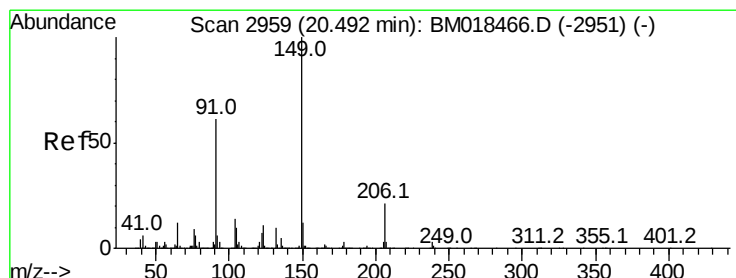
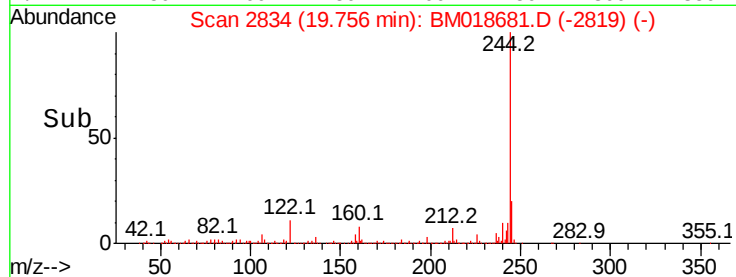
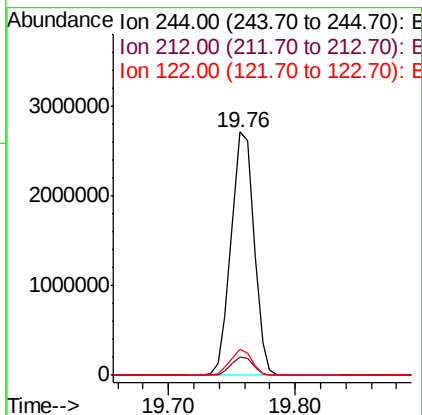
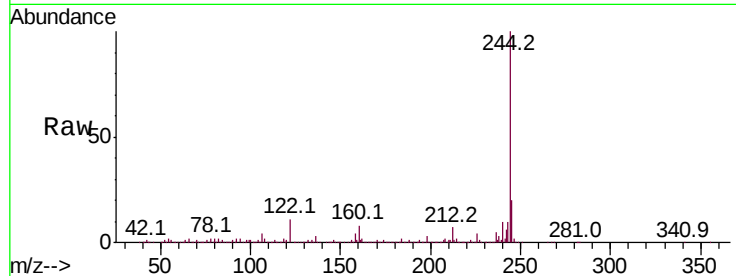
#79
 Terphenyl-d14
 Concen: 89.573 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018681.D
 Acq: 29 Jan 2019 17:22

Instrument :
 BNA_M
 ClientSampleId :
 PB116697BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.5	9.0	13.4

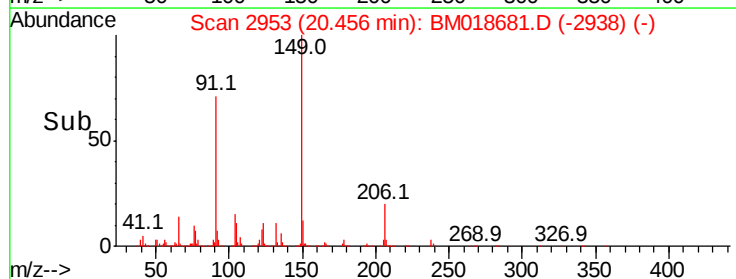
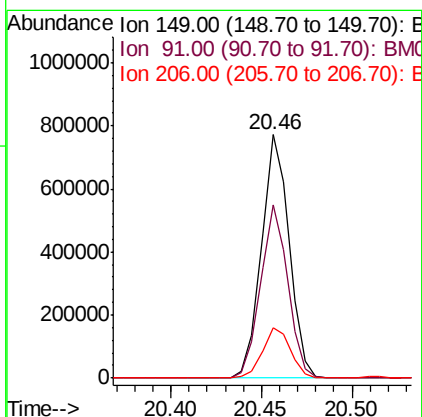
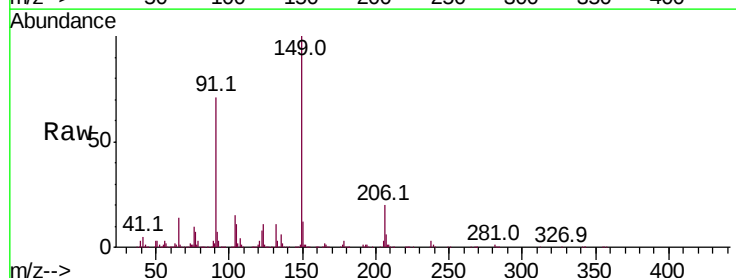
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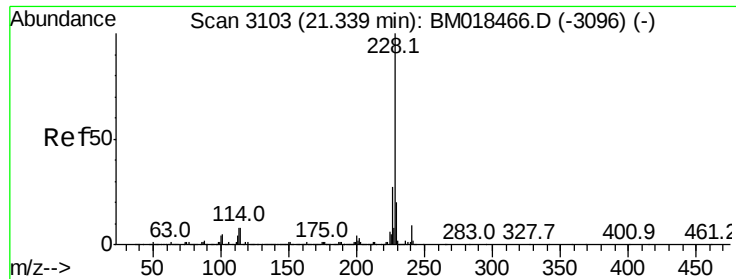
mohammad
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#80
 Butylbenzylphthalate
 Concen: 40.569 ng
 RT: 20.46 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM018681.D
 Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	53.1	79.7
206	20.4	16.2	24.4





#81

Benzo(a)anthracene

Concen: 41.515 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

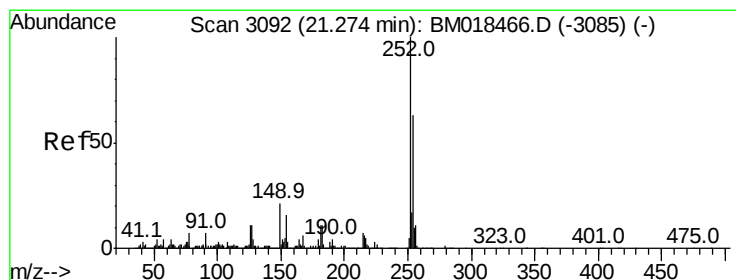
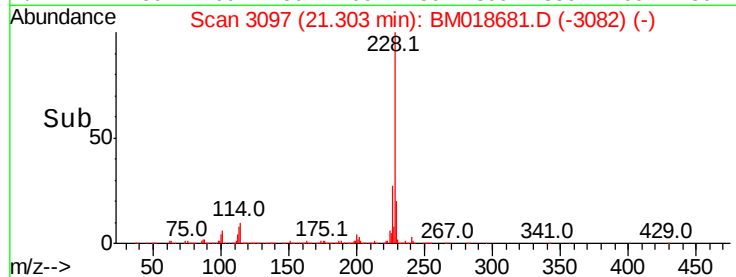
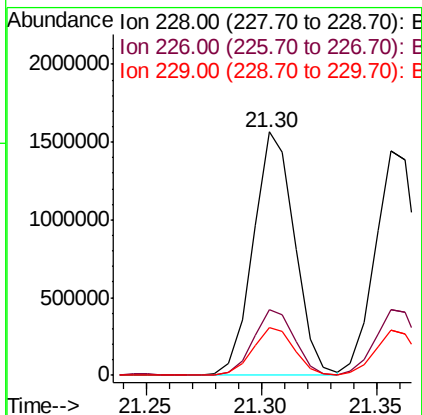
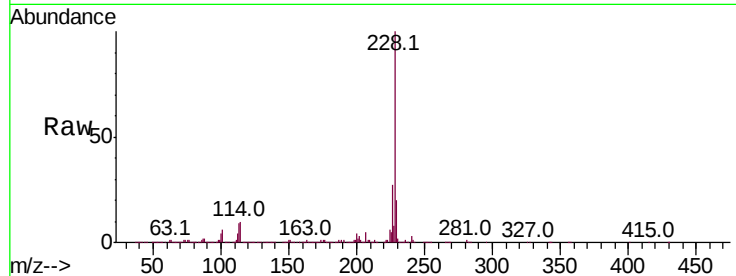
ClientSampleId :

PB116697BS

Tot Ion:	228	Resp:	1950376
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.6	15.8	23.8

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#82

3,3'-Dichlorobenzidine

Concen: 29.084 ng

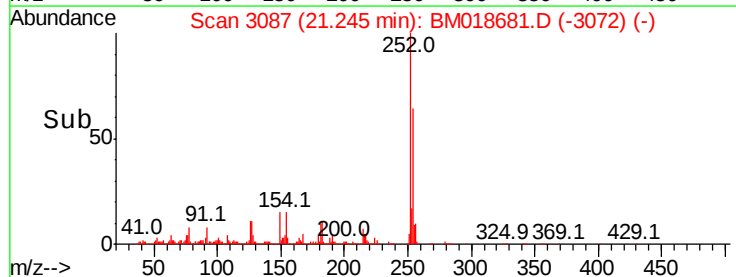
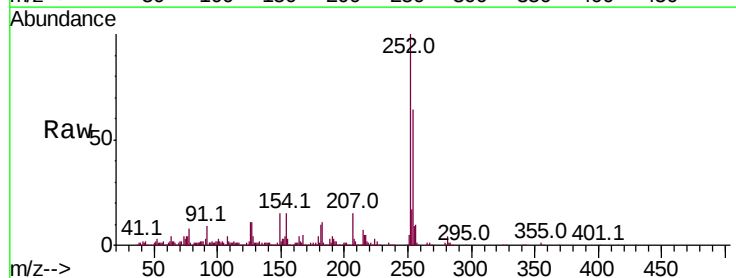
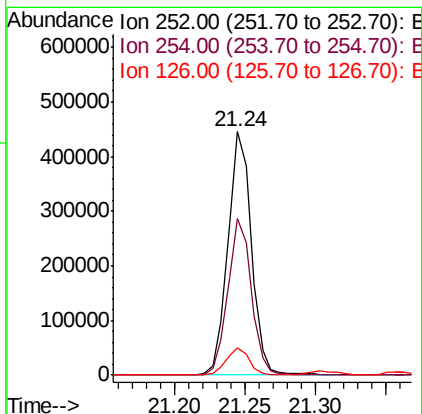
RT: 21.24 min Scan# 3087

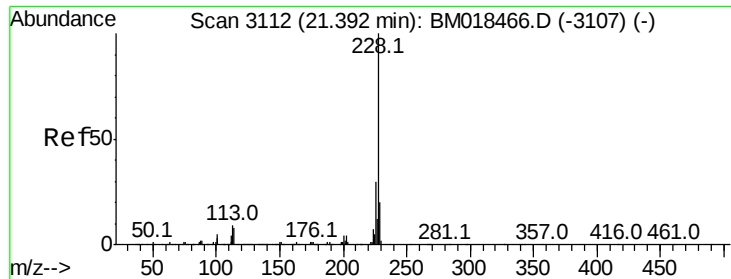
Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	252	Resp:	516682
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	11.5	8.7	13.1





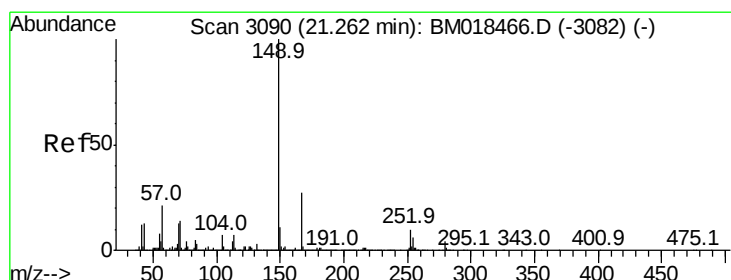
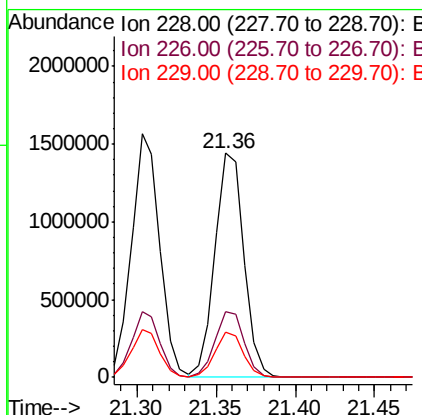
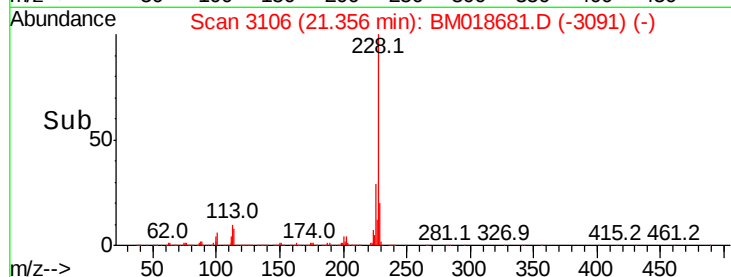
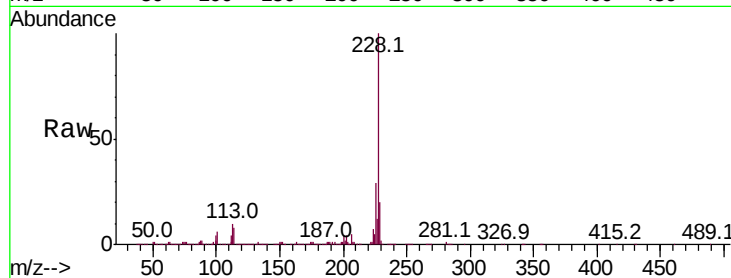
#83
Chrysene
Concen: 40.337 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	19.9	15.6	23.4

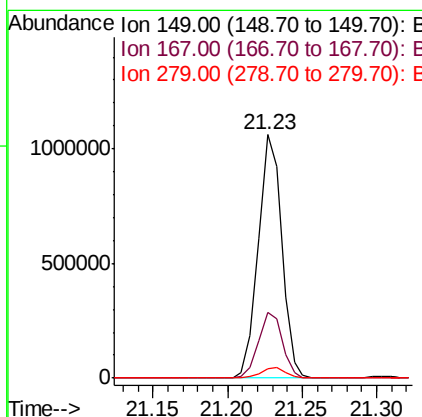
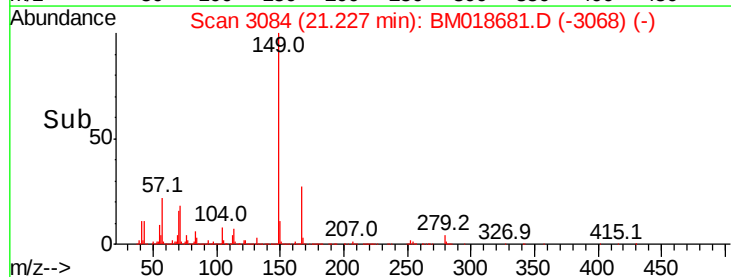
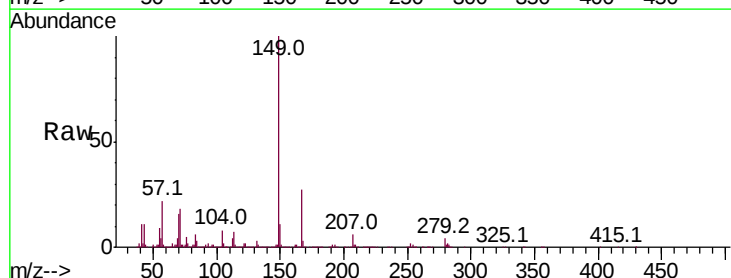
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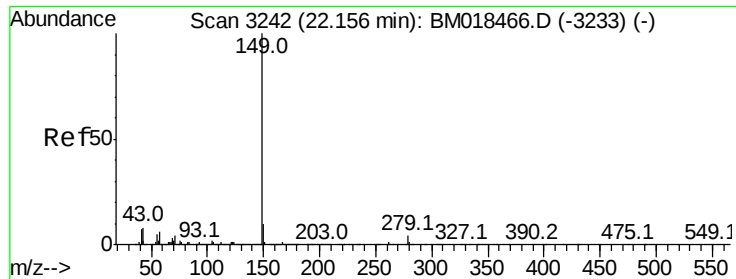
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.325 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.6	32.4
279	3.8	3.3	4.9





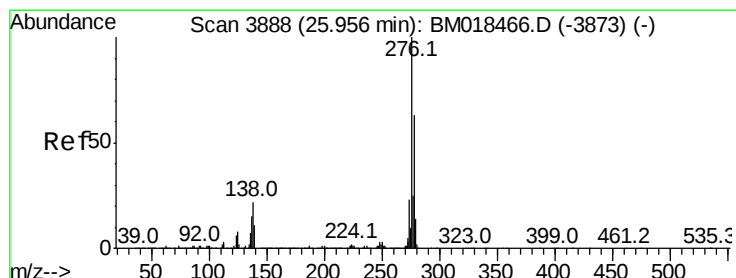
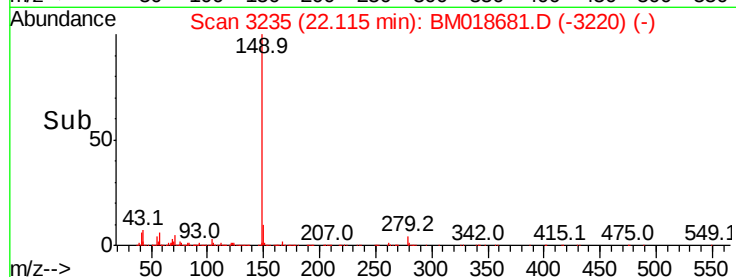
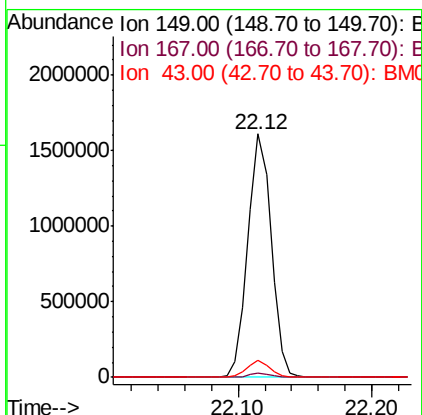
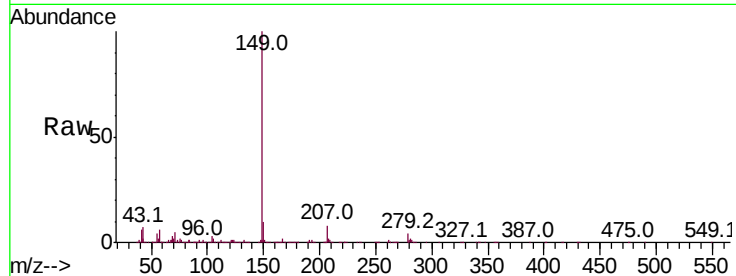
#85
Di-n-octyl phthalate
Concen: 39.492 ng
RT: 22.12 min Scan# 3235
Delta R.T. -0.01 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Instrument :
BNA_M
ClientSampleId :
PB116697BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.7	8.6	12.8

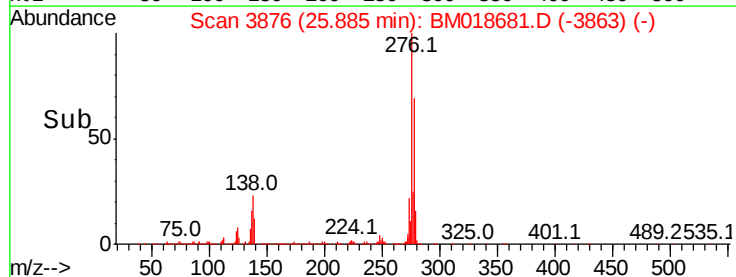
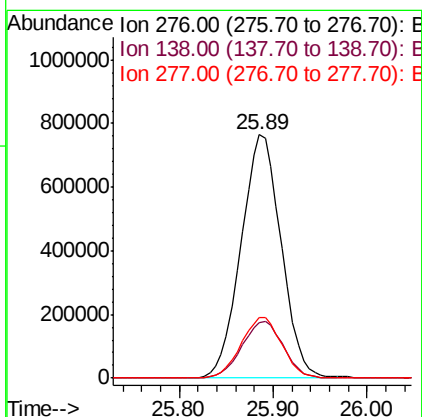
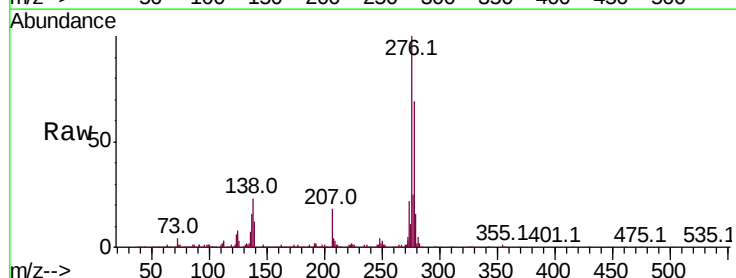
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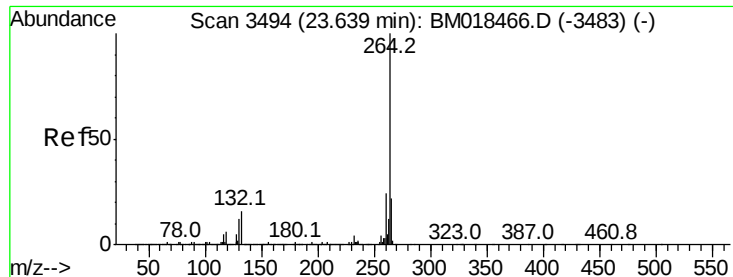
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.196 ng
RT: 25.89 min Scan# 3876
Delta R.T. -0.02 min
Lab File: BM018681.D
Acq: 29 Jan 2019 17:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.5	32.3
277	25.4	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

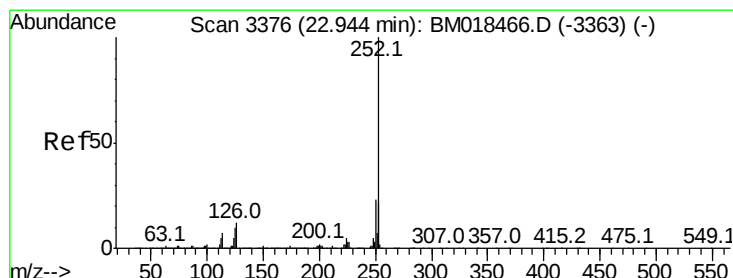
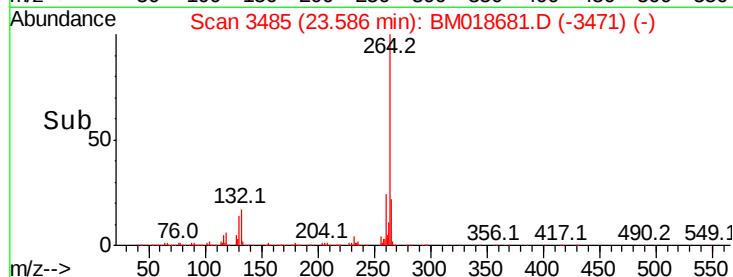
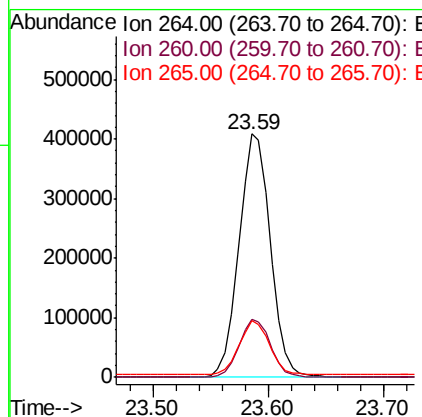
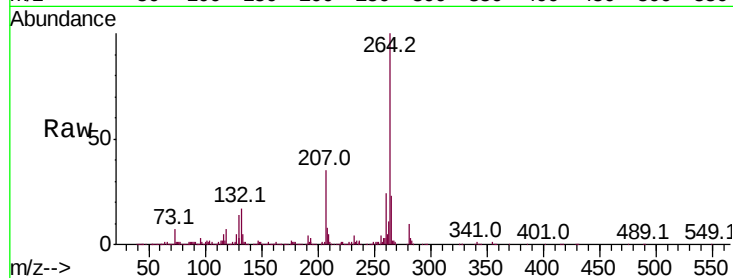
ClientSampleId :

PB116697BS

Tot Ion:	264	Resp:	769783
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.9	28.3
265	23.1	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 42.677 ng

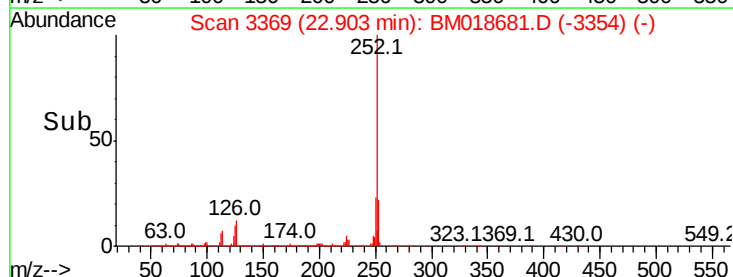
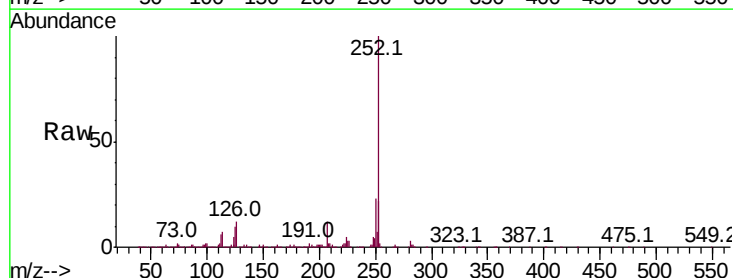
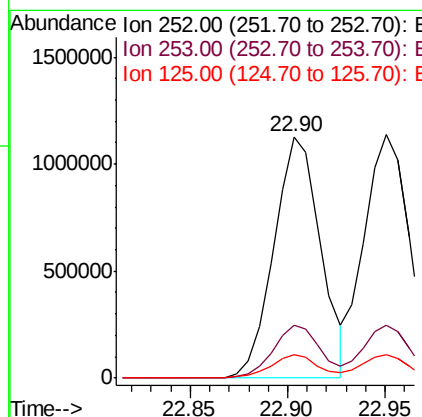
RT: 22.90 min Scan# 3369

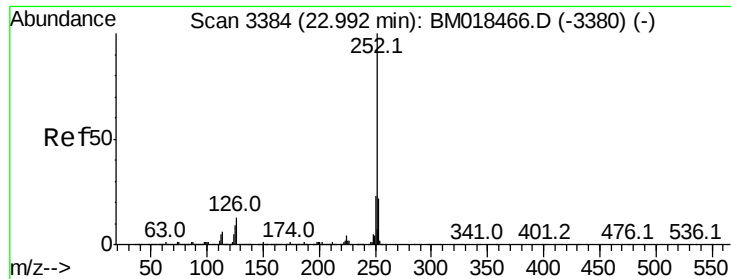
Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	252	Resp:	1865096
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.6	26.4
125	9.8	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 41.809 ng

RT: 22.95 min Scan# 3377

Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

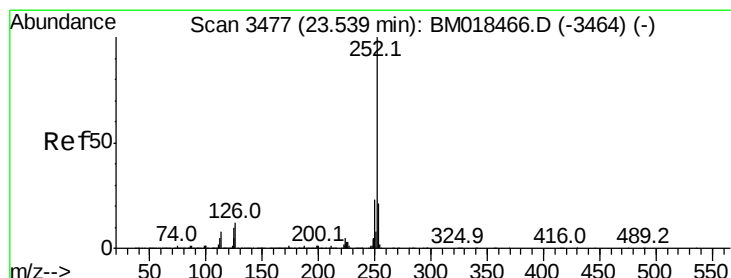
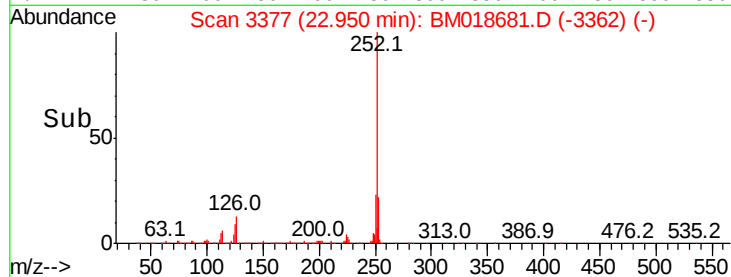
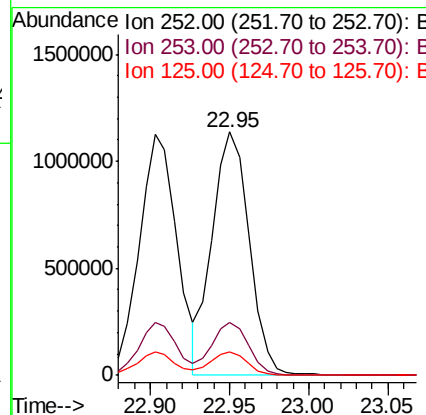
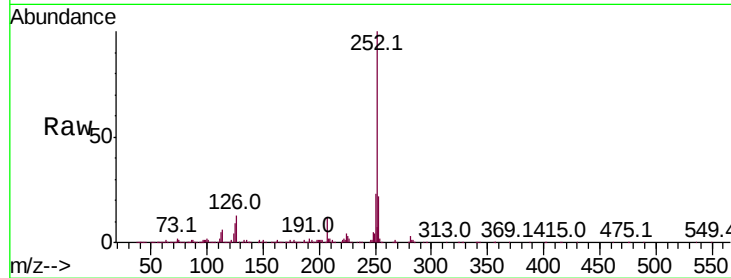
ClientSampleId :

PB116697BS

Tot Ion:	252	Resp:	1841347
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.4	26.0
125	9.4	8.6	12.8

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#90

Benzo(a)pyrene

Concen: 43.442 ng

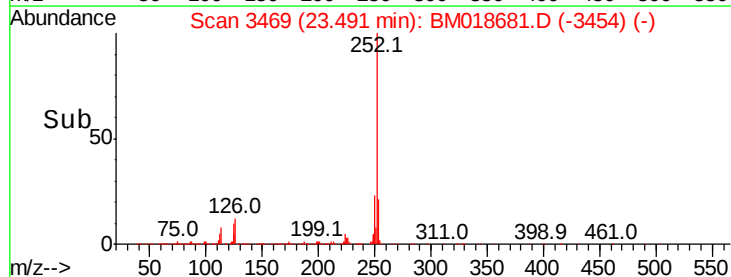
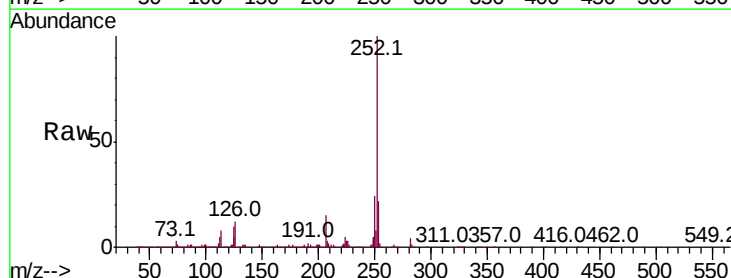
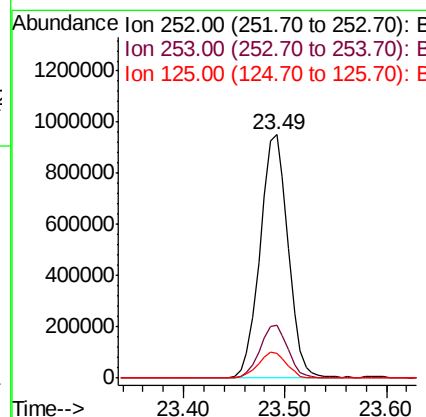
RT: 23.49 min Scan# 3469

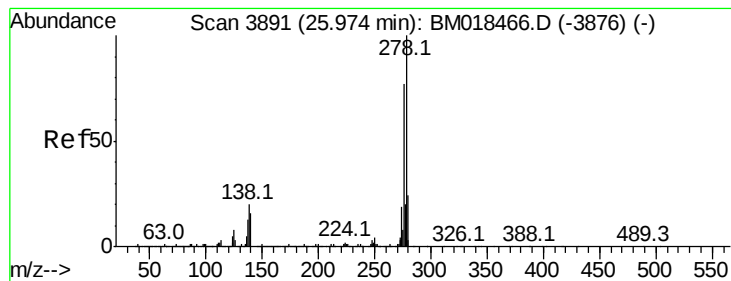
Delta R.T. -0.01 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Tgt Ion:	252	Resp:	1817546
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	9.9	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 44.922 ng

RT: 25.90 min Scan# 3878

Delta R.T. -0.02 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

Instrument :

BNA_M

ClientSampleId :

PB116697BS

Tot Ion:278 Resp: 1904390

Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.2	19.8
279	24.0	19.0	28.4

278 100

139 15.2 13.2 19.8

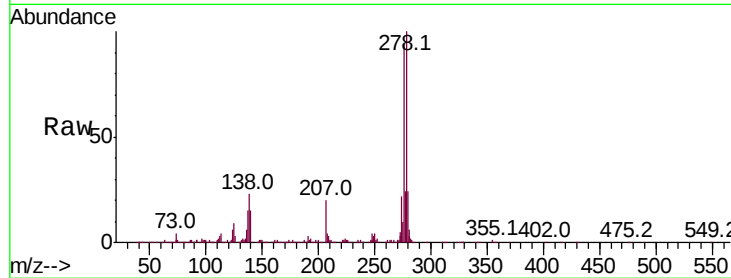
279 24.0 19.0 28.4

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1/30/2019 11:10:34 AM

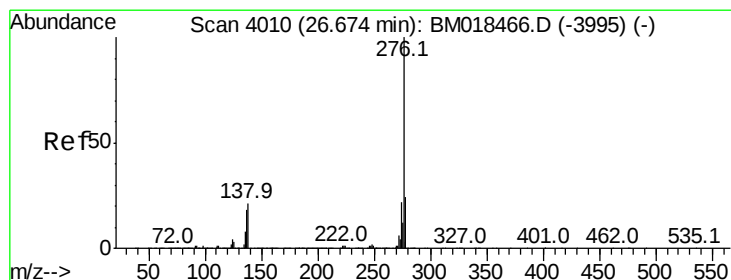
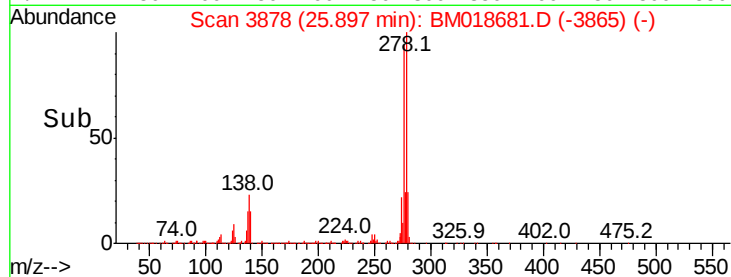
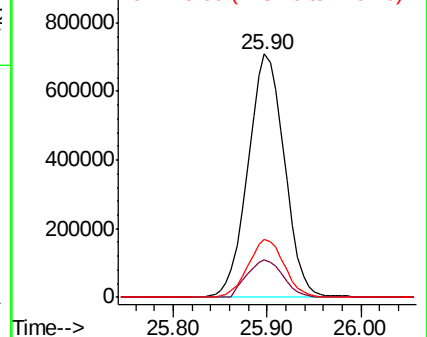


Abundance

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: 46.336 ng

RT: 26.59 min Scan# 3996

Delta R.T. -0.02 min

Lab File: BM018681.D

Acq: 29 Jan 2019 17:22

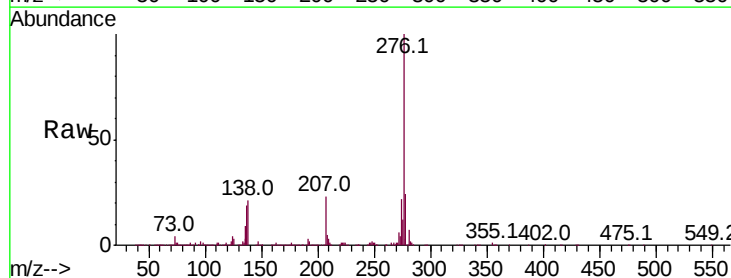
Tgt Ion:276 Resp: 1911527

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.6	18.1	27.1

276 100

277 23.7 19.0 28.4

138 20.6 18.1 27.1



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

