

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012519\
 Data File : BM018661.D
 Acq On : 25 Jan 2019 20:23
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 1/29/2019 12:29:47 AM

Quant Time: Jan 28 02:50:13 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	7.73	152	244726	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	949908	20.00	ng	0.00
39) Acenaphthene-d10	14.38	164	524754	20.00	ng	0.00
64) Phenanthrene-d10	17.13	188	1189387	20.00	ng	0.00
76) Chrysene-d12	21.33	240	1266095	20.00	ng	0.00
87) Perylene-d12	23.60	264	1275883	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1085491	81.90	ng	0.00
7) Phenol-d6	6.90	99	1406028	83.53	ng	0.00
23) Nitrobenzene-d5	8.90	82	1328162	81.06	ng	0.00
42) 2,4,6-Tribromophenol	15.88	330	604501	90.47	ng	0.00
45) 2-Fluorobiphenyl	13.00	172	3267770	81.26	ng	0.00
79) Terphenyl-d14	19.76	244	5146630	85.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	195457	36.184	ng	97
3) Pyridine	3.67	79	536536	39.839	ng	96
4) n-Nitrosodimethylamine	3.59	42	217469	39.050	ng	# 93
6) Aniline	7.07	93	818209	43.573	ng	98
8) 2-Chlorophenol	7.30	128	648406	41.889	ng	94
9) Benzaldehyde	6.89	77	367259	37.145	ng	99
10) Phenol	6.93	94	705421	41.239	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	549748	40.901	ng	95
12) 1,3-Dichlorobenzene	7.62	146	749544	40.660	ng	99
13) 1,4-Dichlorobenzene	7.77	146	756652	40.497	ng	99
14) 1,2-Dichlorobenzene	8.08	146	728507	41.120	ng	98
15) Benzyl Alcohol	7.98	79	523556	43.062	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	701578	40.845	ng	95
17) 2-Methylphenol	8.17	107	493498	42.502	ng	99
18) Hexachloroethane	8.80	117	266822	40.053	ng	95
19) n-Nitroso-di-n-propylamine	8.54	70	439731	40.140	ng	93
20) 3+4-Methylphenols	8.50	107	679354	42.383	ng	98
22) Acetophenone	8.56	105	934253	39.758	ng	97
24) Nitrobenzene	8.94	77	641417	39.784	ng	96
25) Isophorone	9.46	82	1035250	41.722	ng	98
26) 2-Nitrophenol	9.65	139	367075	47.086	ng	95
27) 2,4-Dimethylphenol	9.70	122	489435	41.885	ng	98
28) bis(2-Chloroethoxy)methane	9.94	93	696626	40.641	ng	98
29) 2,4-Dichlorophenol	10.17	162	608329	43.720	ng	99
30) 1,2,4-Trichlorobenzene	10.38	180	711139	41.176	ng	100
31) Naphthalene	10.57	128	1858024	40.615	ng	100
32) Benzoic acid	9.85	122	438187m	54.653	ng	
33) 4-Chloroaniline	10.69	127	821094	45.574	ng	99
34) Hexachlorobutadiene	10.84	225	459522	42.117	ng	99
35) Caprolactam	11.50	113	202396	42.784	ng	# 88
36) 4-Chloro-3-methylphenol	11.82	107	621932	42.605	ng	97
37) 2-Methylnaphthalene	12.19	142	1306011	40.406	ng	99
38) 1-Methylnaphthalene	12.41	142	1265183	40.454	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	766279	41.758	ng	98

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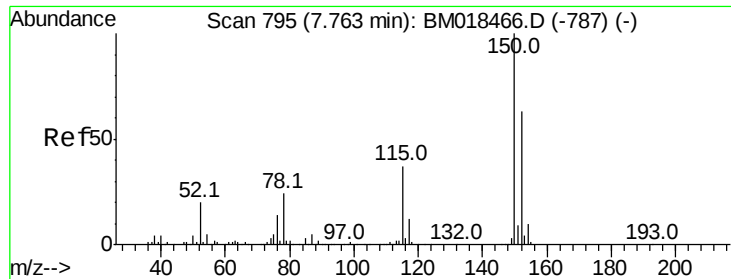
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	243800	24.208	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	500588	44.922	ng	99
44) 2,4,5-Trichlorophenol	12.88	196	530833	45.294	ng	98
46) 1,1'-Biphenyl	13.21	154	1860097	40.597	ng	99
47) 2-Chloronaphthalene	13.25	162	1458493	41.049	ng	100
48) 2-Nitroaniline	13.47	65	384475	43.983	ng	91
49) Acenaphthylene	14.10	152	2137322	41.278	ng	99
50) Dimethylphthalate	13.85	163	1725510	40.038	ng	99
51) 2,6-Dinitrotoluene	13.97	165	386301	42.316	ng	94
52) Acenaphthene	14.44	154	1290004	40.718	ng	97
53) 3-Nitroaniline	14.30	138	413745	44.956	ng	98
54) 2,4-Dinitrophenol	14.51	184	138869	32.772	ng	92
55) Dibenzofuran	14.78	168	2113614	40.377	ng	98
56) 4-Nitrophenol	14.62	139	343064	43.148	ng	96
57) 2,4-Dinitrotoluene	14.76	165	533182	41.280	ng	99
58) Fluorene	15.43	166	1597604	40.969	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.01	232	456626	43.957	ng	96
60) Diethylphthalate	15.21	149	1771603	40.720	ng	99
61) 4-Chlorophenyl-phenylether	15.43	204	910704	40.521	ng	100
62) 4-Nitroaniline	15.47	138	408421	40.685	ng	96
63) Azobenzene	15.72	77	1472737	41.519	ng	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	246097	34.208	ng	86
66) n-Nitrosodiphenylamine	15.65	169	1516718	41.110	ng	99
67) 4-Bromophenyl-phenylether	16.33	248	552818	41.534	ng	97
68) Hexachlorobenzene	16.43	284	610922	41.001	ng	99
69) Atrazine	16.60	200	524070	39.292	ng	99
70) Pentachlorophenol	16.78	266	440325	45.122	ng	99
71) Phenanthrene	17.17	178	2557440	40.425	ng	99
72) Anthracene	17.26	178	2556924	42.031	ng	100
73) Carbazole	17.54	167	2614639	41.834	ng	100
74) Di-n-butylphthalate	18.10	149	3076110	44.932	ng	100
75) Fluoranthene	19.20	202	3033596	41.592	ng	98
77) Benzidine	19.39	184	1476712	47.237	ng	100
78) Pyrene	19.56	202	3191268	42.523	ng	100
80) Butylbenzylphthalate	20.46	149	1461347	45.633	ng	96
81) Benzo(a)anthracene	21.31	228	3085984	41.374	ng	100
82) 3,3'-Dichlorobenzidine	21.25	252	1256599	44.552	ng	100
83) Chrysene	21.36	228	2939720	40.815	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	2110134	45.632	ng	99
85) Di-n-octyl phthalate	22.12	149	3563271	45.815	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.90	276	3405128	40.999	ng	97
88) Benzo(b)fluoranthene	22.91	252	2948040	40.699	ng	99
89) Benzo(k)fluoranthene	22.96	252	2987343	40.923	ng	99
90) Benzo(a)pyrene	23.50	252	2860429	41.249	ng	98
91) Dibenzo(a,h)anthracene	25.91	278	2883780	41.042	ng	98
92) Benzo(g,h,i)perylene	26.61	276	2809738	41.092	ng	97

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



#1

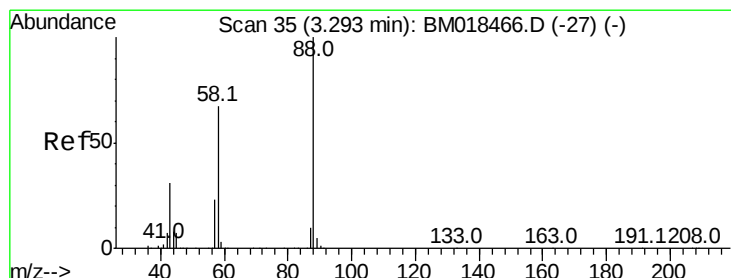
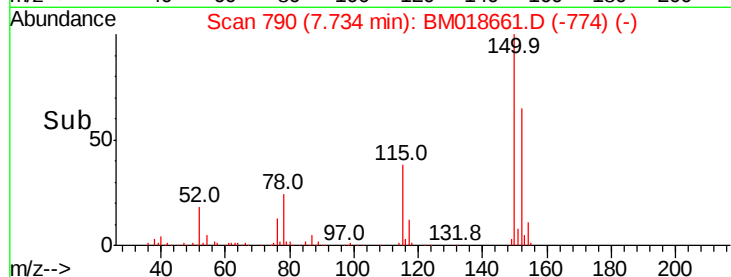
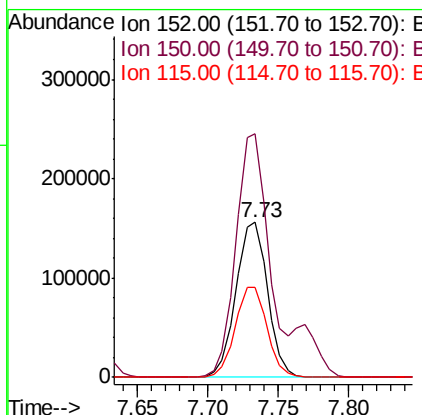
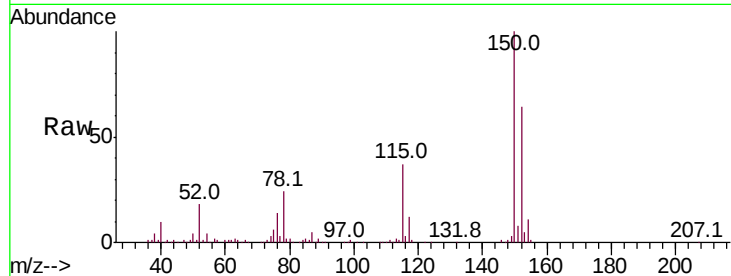
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	58.1	45.5	68.3

Manual Integrations
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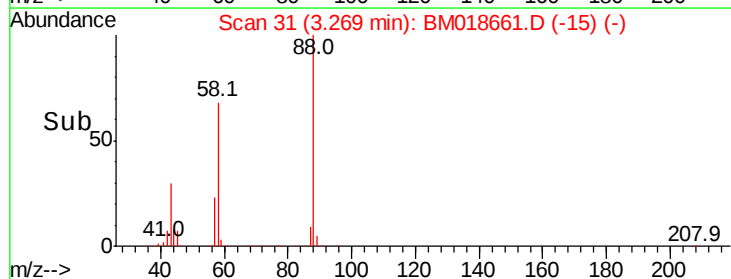
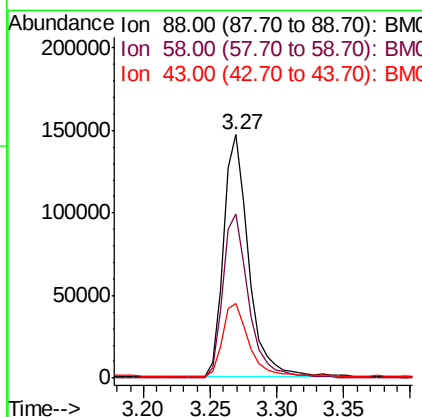
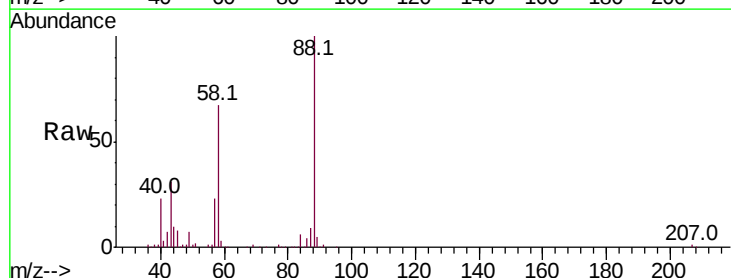
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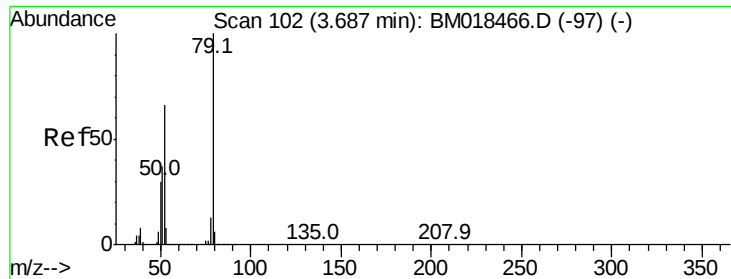


#2

1,4-Dioxane
Concen: 36.184 ng
RT: 3.27 min Scan# 31
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	58.4	87.6
43	31.7	26.2	39.4





#3

Pvridine

Concen: 39.839 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.00 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

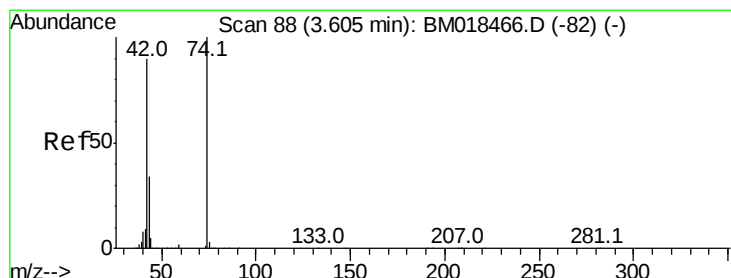
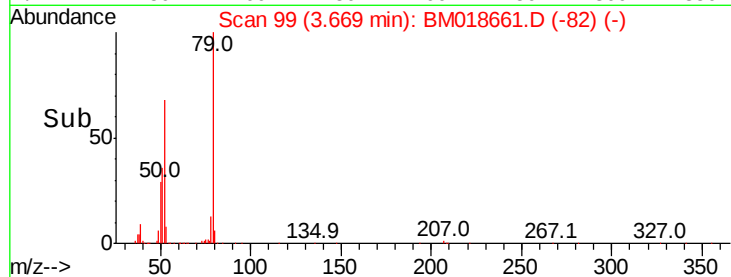
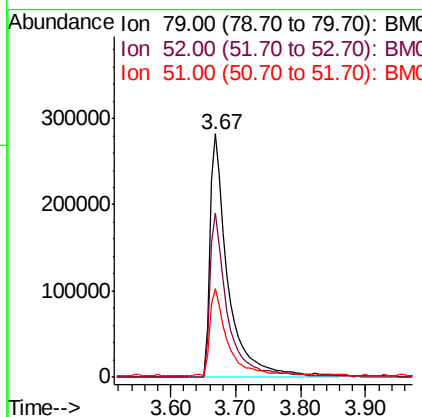
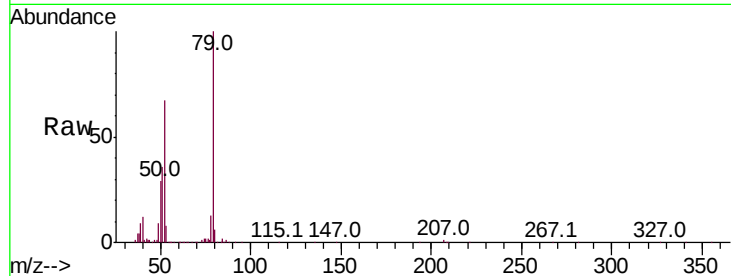
ClientSampleId :

SSTDCCC040EC

Tot Ion:	79	Resp:	536536
Ion Ratio	Lower	Upper	
79	100		
52	67.4	56.4	84.6
51	36.4	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 39.050 ng

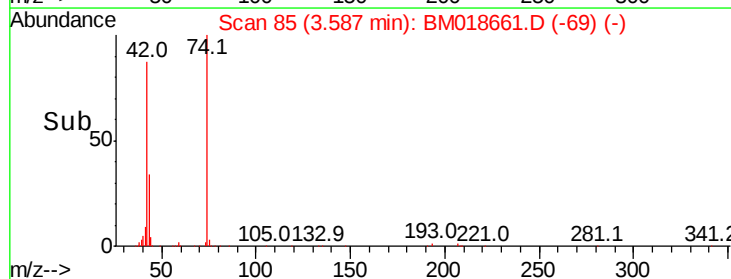
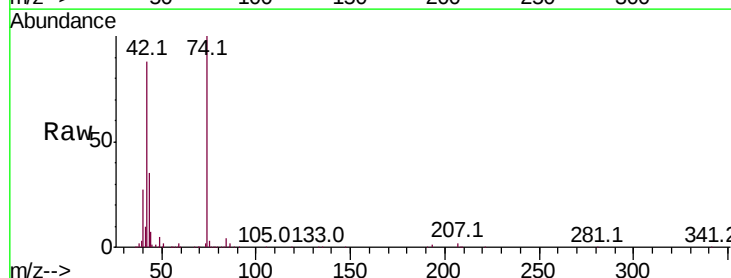
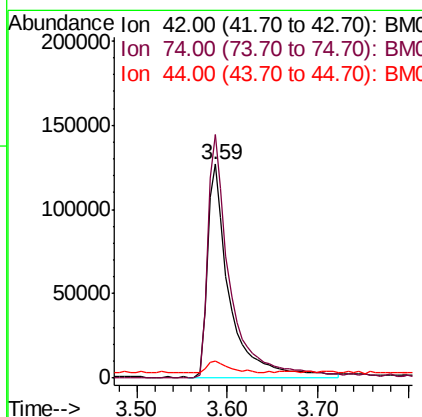
RT: 3.59 min Scan# 85

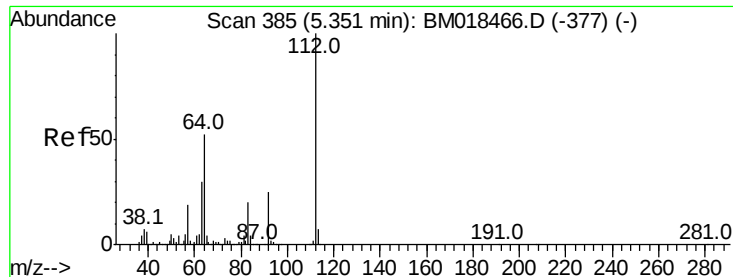
Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Tgt Ion:	42	Resp:	217469
Ion Ratio	Lower	Upper	
42	100		
74	113.9	88.6	132.8
44	7.8	16.9	25.3





#5

2-Fluorophenol

Concen: 81.902 ng

RT: 5.32 min Scan# 380

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:112 Resp: 1085491

Ion Ratio Lower Upper

112 100

64 53.8 46.5 69.7

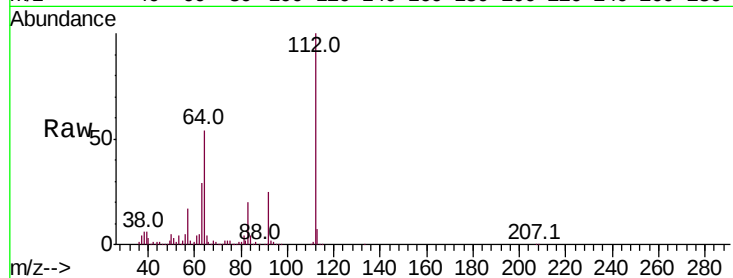
63 29.0 25.2 37.8

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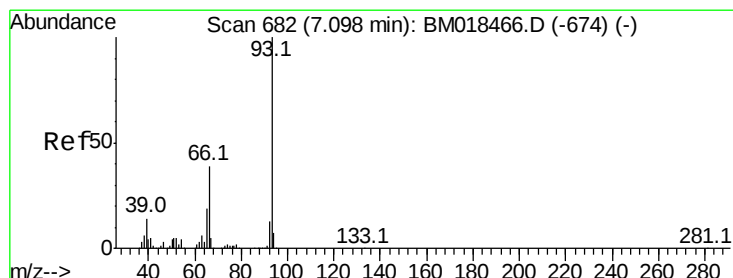
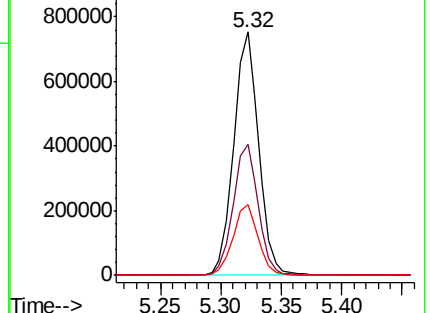
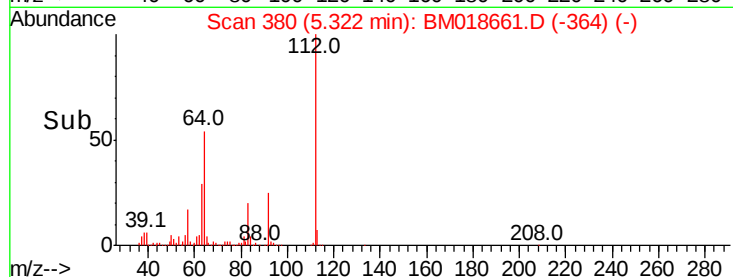
1/29/2019 12:29:47 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 43.573 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

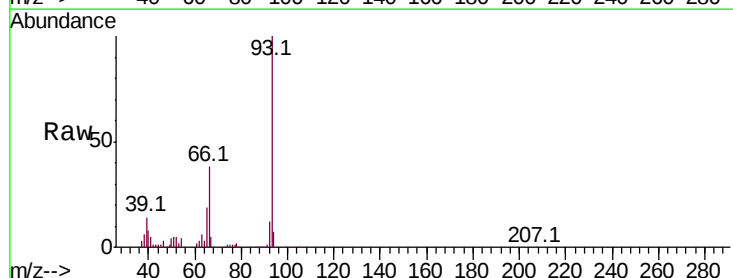
Tgt Ion: 93 Resp: 818209

Ion Ratio Lower Upper

93 100

66 38.4 31.7 47.5

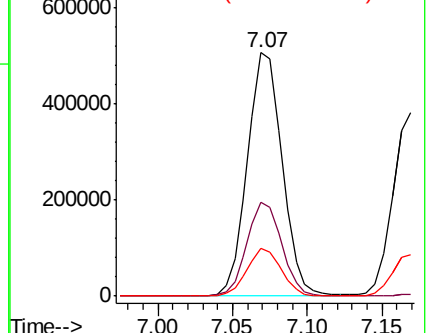
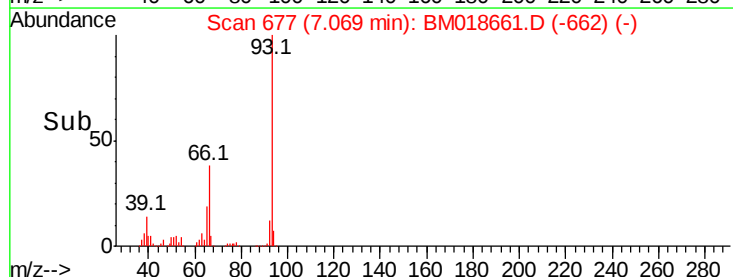
65 19.5 15.9 23.9

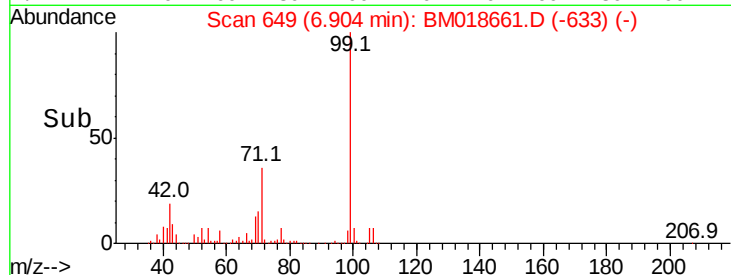
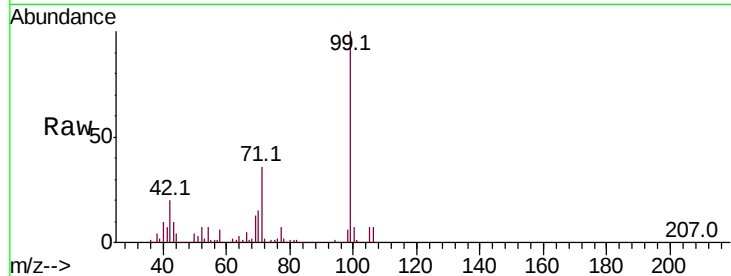
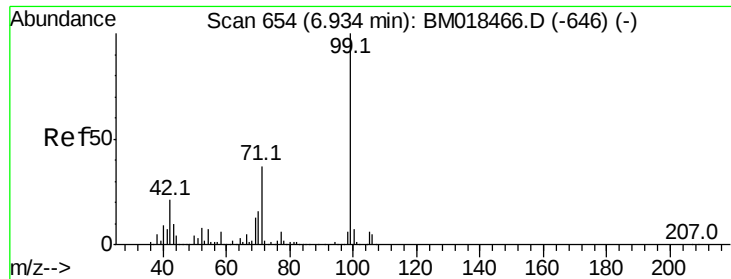


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 83.525 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Tot Ion: 99 Resp: 1406028

Ion Ratio Lower Upper

99 100

42 19.5 17.3 25.9

71 35.8 28.0 42.0

Instrument :

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ClientSampleId :

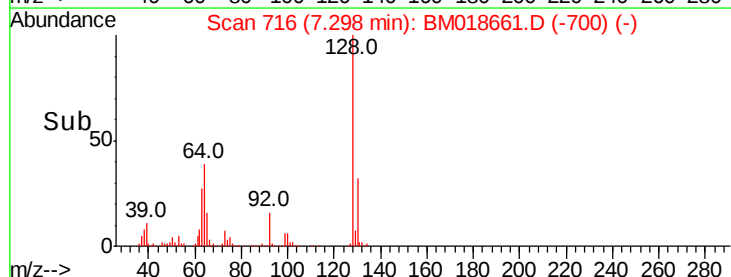
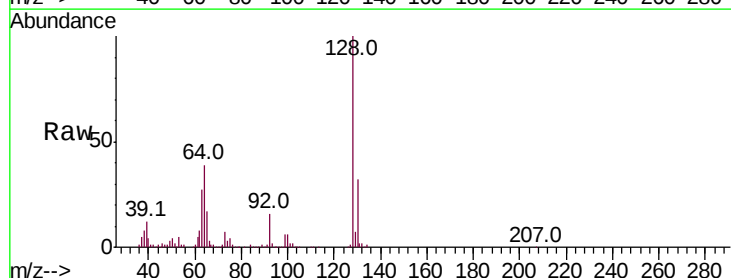
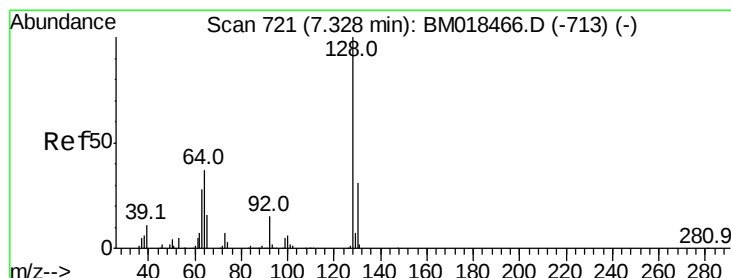
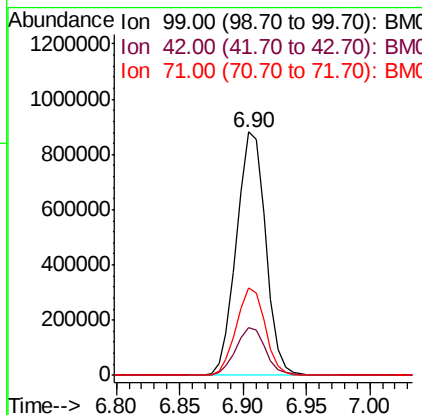
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#8

2-Chlorophenol

Concen: 41.889 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

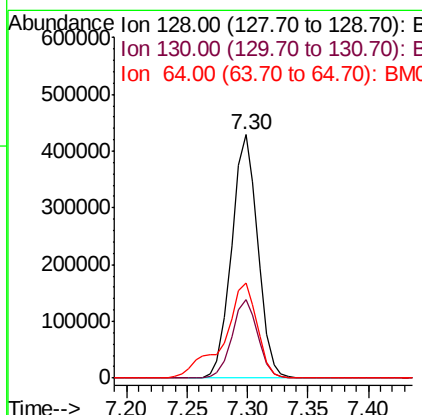
Tgt Ion: 128 Resp: 648406

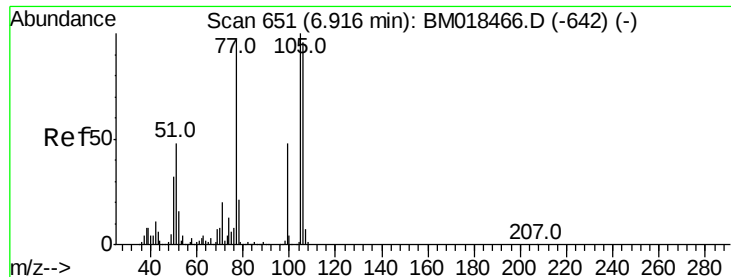
Ion Ratio Lower Upper

128 100

130 32.5 13.6 53.6

64 39.1 24.8 64.8





#9

Benzaldehyde

Concen: 37.145 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 77 Resp: 367259

Ion Ratio Lower Upper

77 100

105 99.8 79.7 119.7

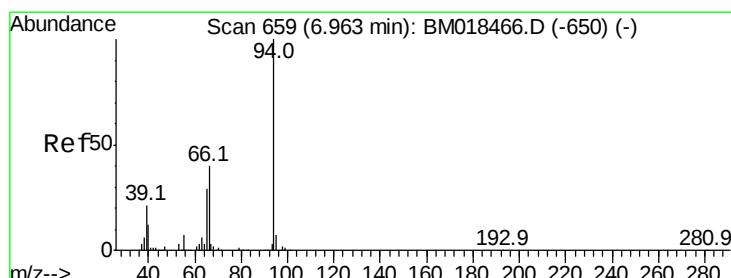
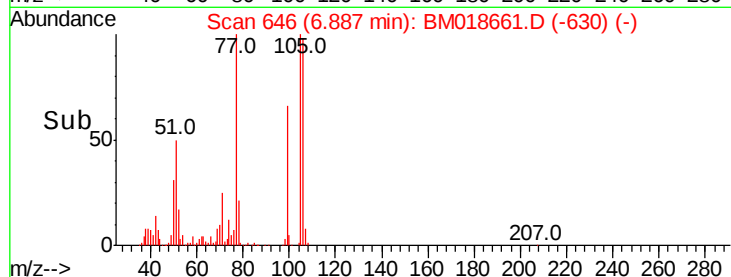
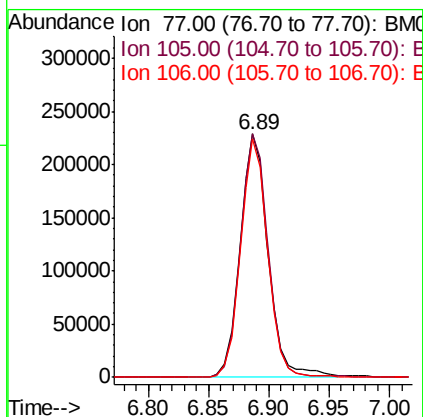
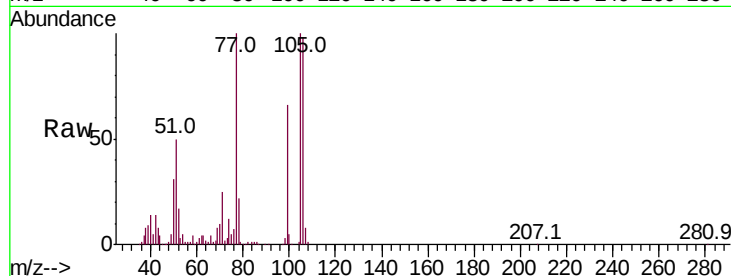
106 97.8 75.2 115.2

Manual Integrations

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#10

Phenol

Concen: 41.239 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

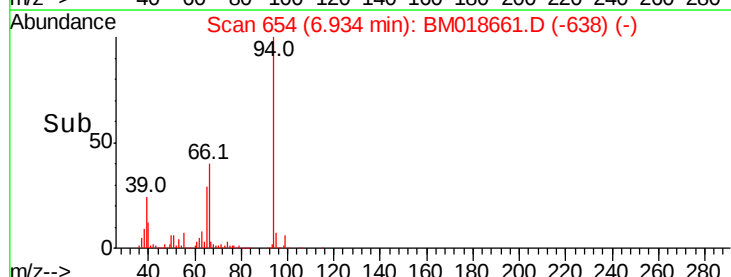
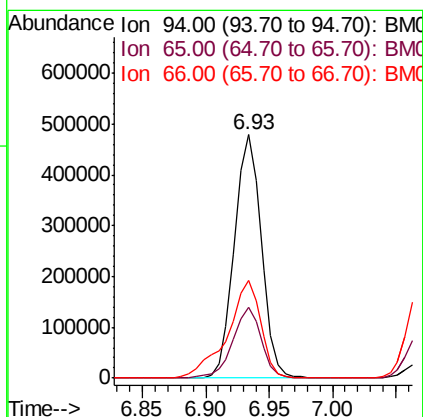
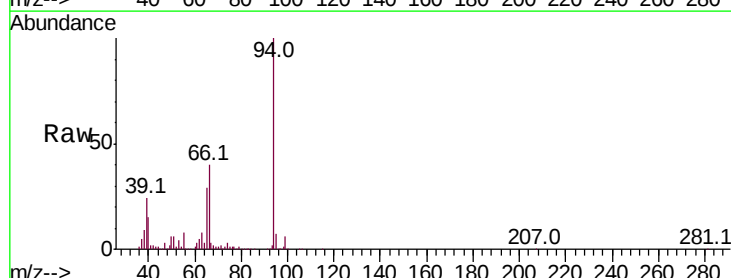
Tgt Ion: 94 Resp: 705421

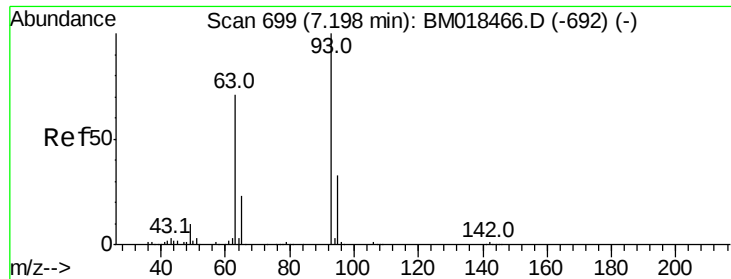
Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

66 40.0 19.1 59.1





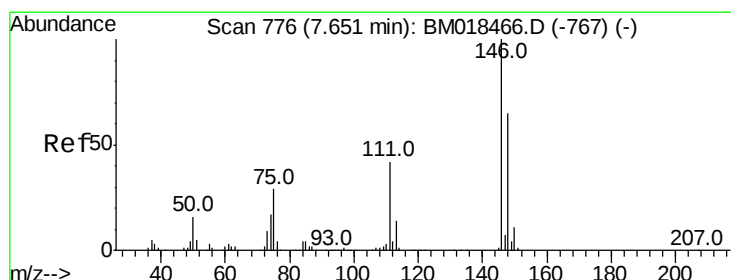
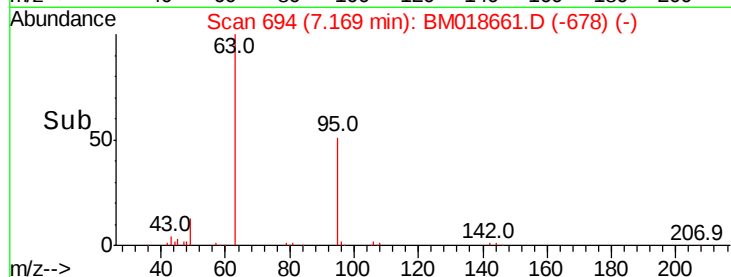
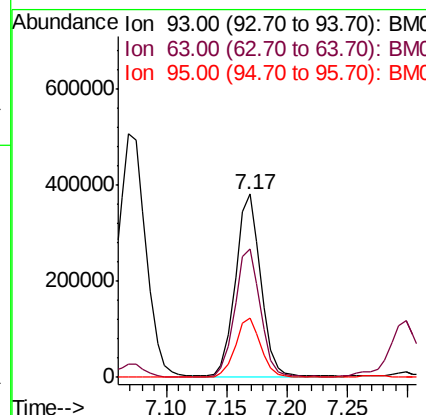
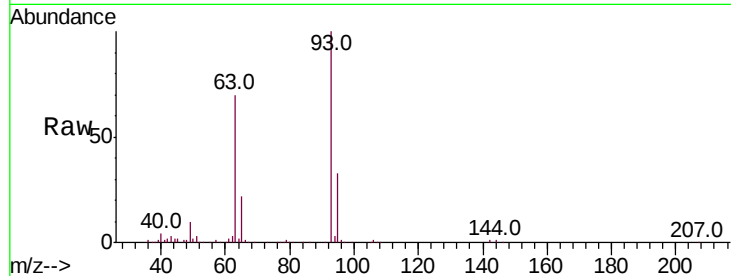
#11
bis(2-Chloroethyl)ether
Concen: 40.901 ng
RT: 7.17 min Scan# 694
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.0	56.4	96.4
95	32.6	12.7	52.7

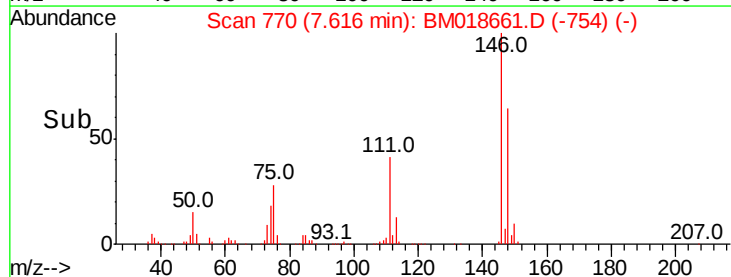
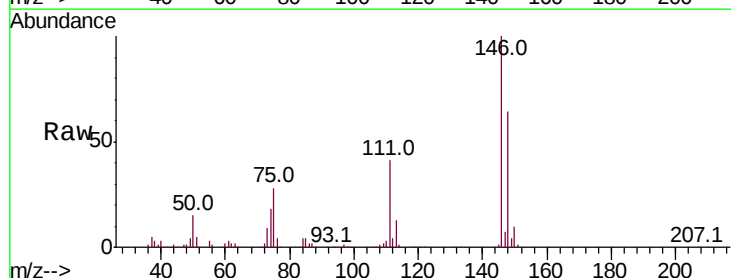
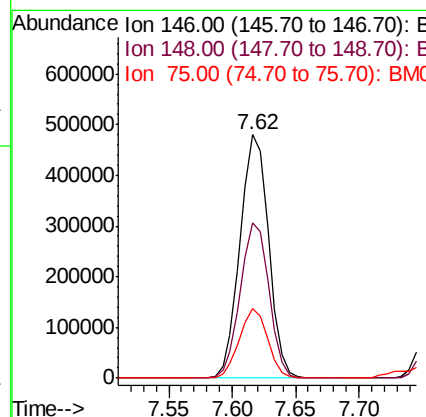
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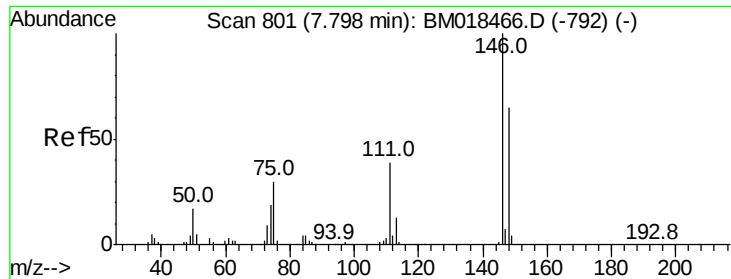
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.660 ng
RT: 7.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
75	28.5	23.0	34.6





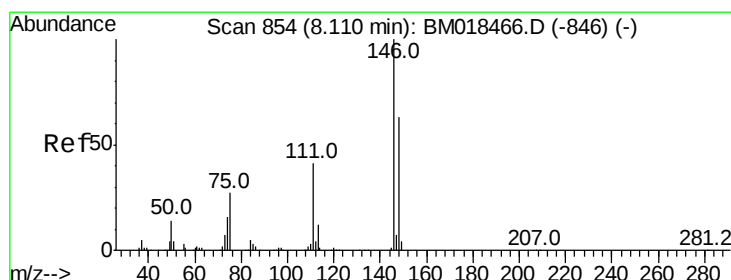
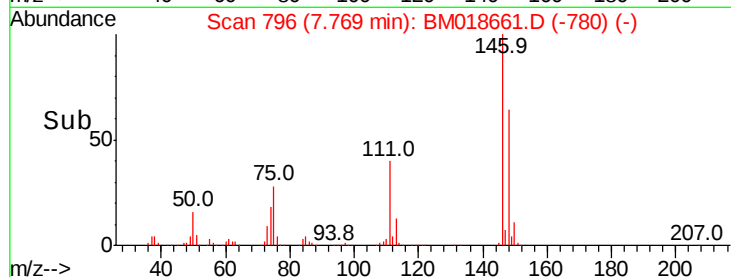
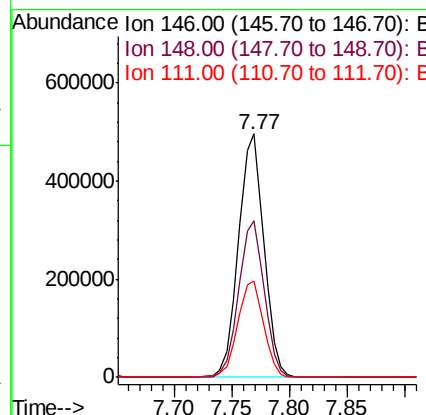
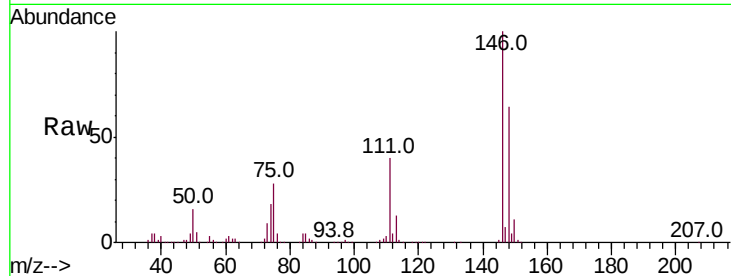
#13
 1,4-Dichlorobenzene
 Concen: 40.497 ng
 RT: 7.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	39.8	32.2	48.2

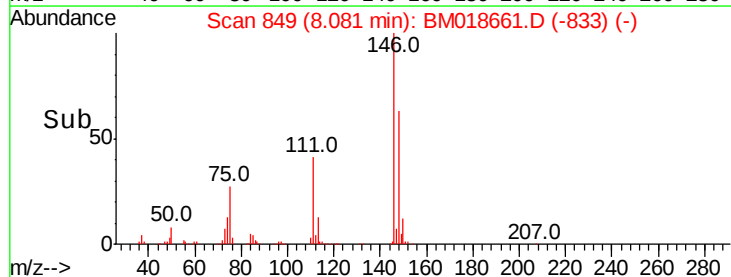
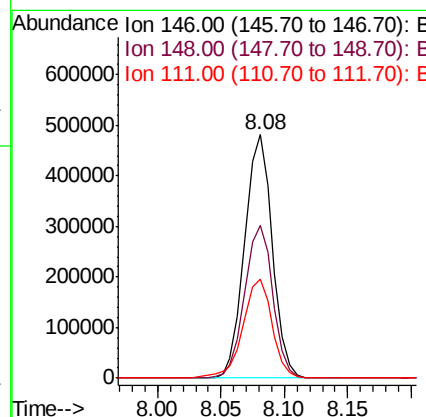
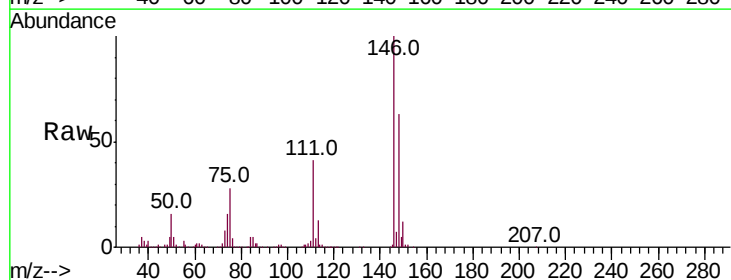
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#14
 1,2-Dichlorobenzene
 Concen: 41.120 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.6
111	40.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 43.062 ng

RT: 7.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

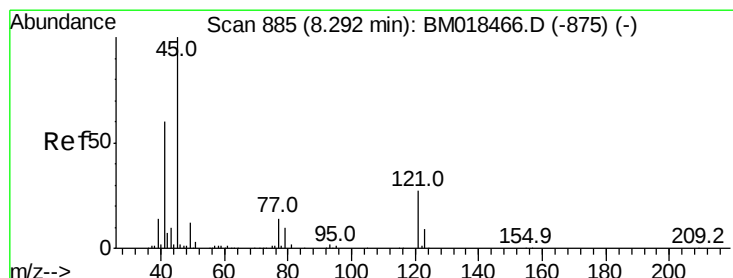
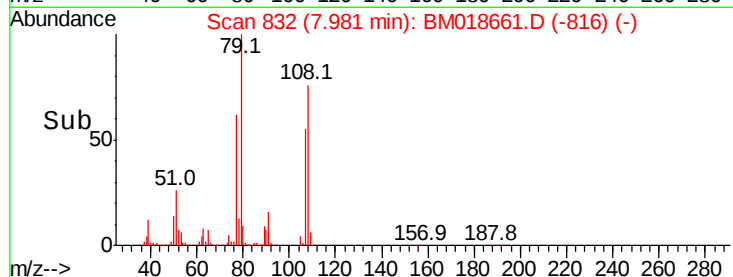
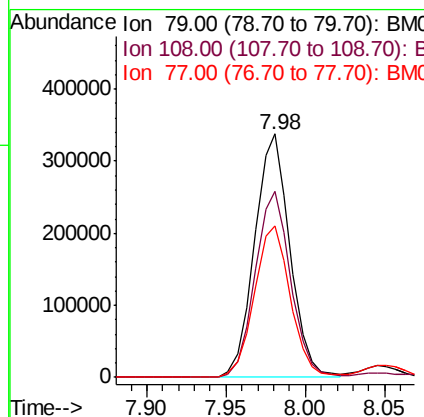
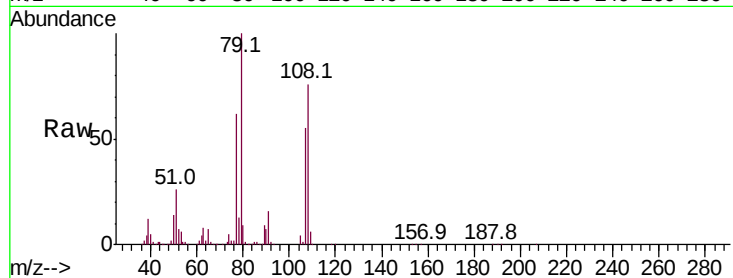
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	60.4	90.6
77	62.0	53.4	80.2

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.845 ng

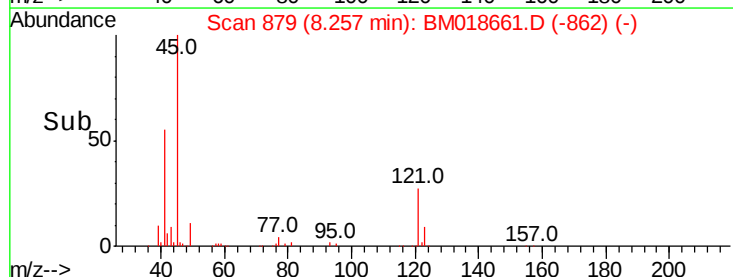
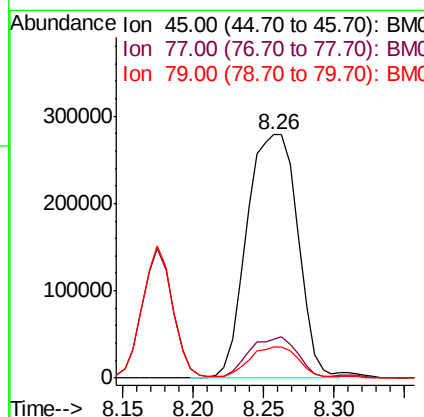
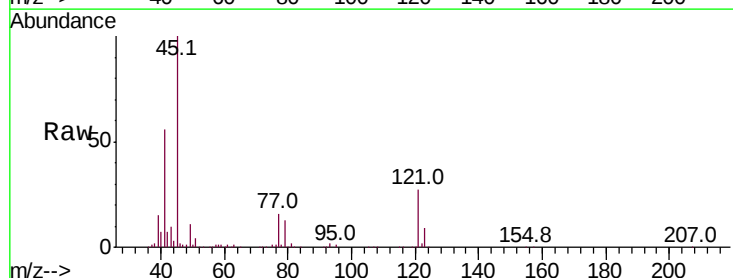
RT: 8.26 min Scan# 879

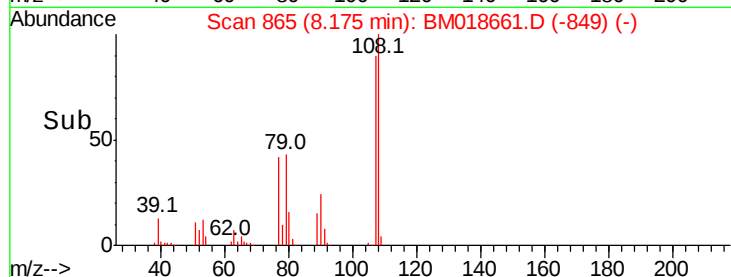
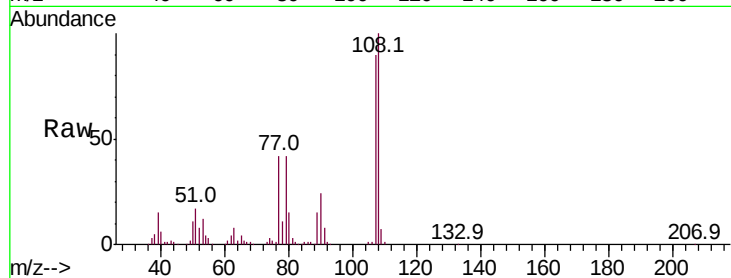
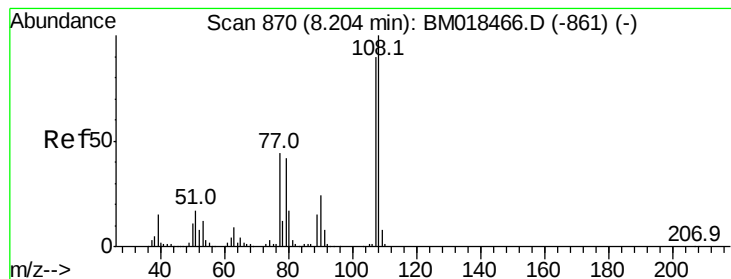
Delta R.T. -0.00 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.9	0.0	33.4
79	12.9	0.0	31.1





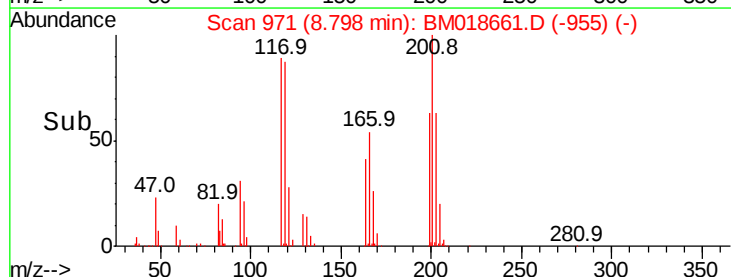
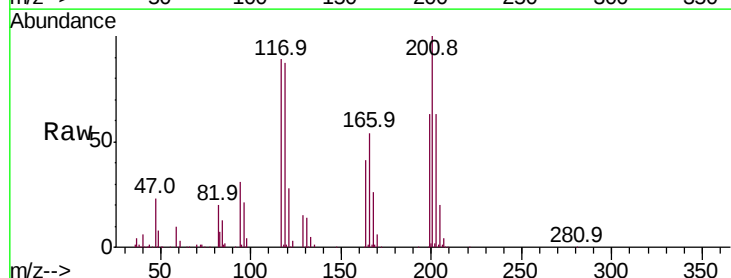
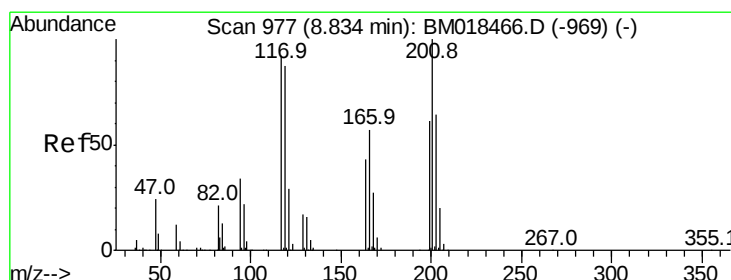
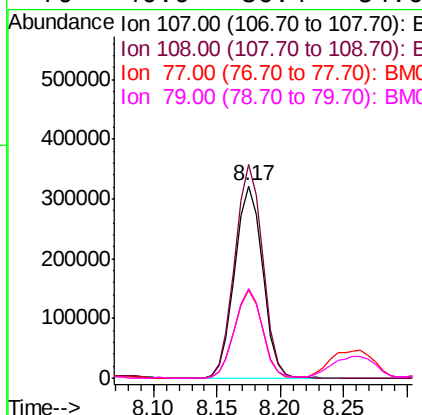
#17
2-Methylphenol
Concen: 42.502 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.0	87.5	131.3	
77	46.2	37.3	55.9	
79	46.9	36.4	54.6	

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

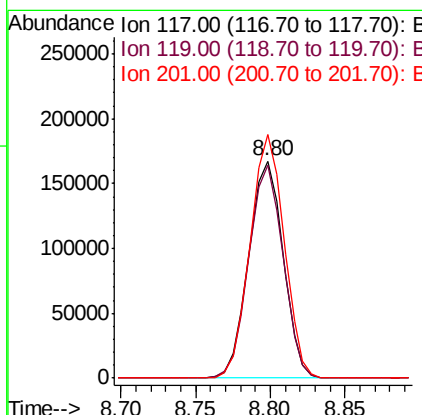
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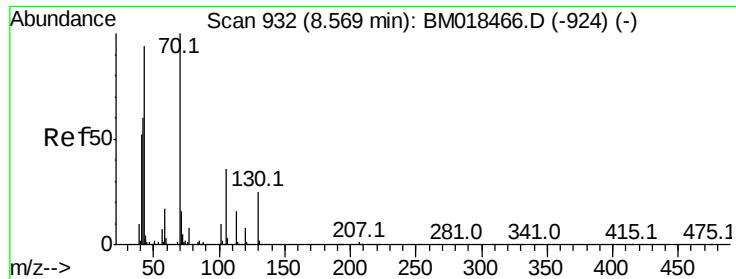
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#18
Hexachloroethane
Concen: 40.053 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	78.3	117.5	
201	112.2	81.4	122.0	





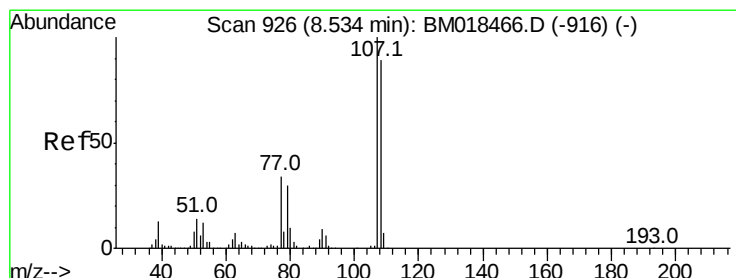
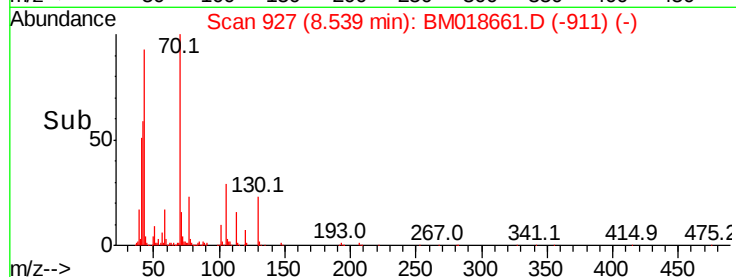
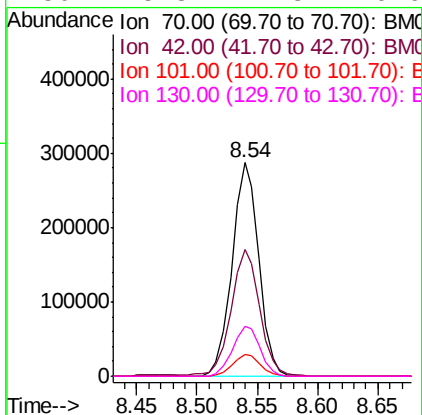
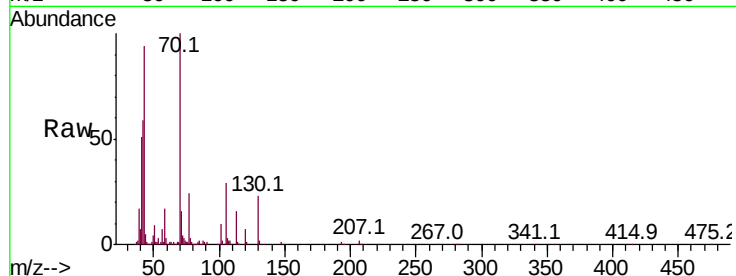
#19
n-Nitroso-di-n-propylamine
Concen: 40.140 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	59.3	54.0	81.0		
101	10.4	8.1	12.1		
130	23.3	17.8	26.6		

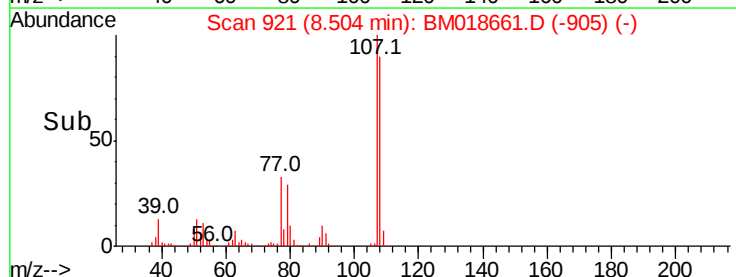
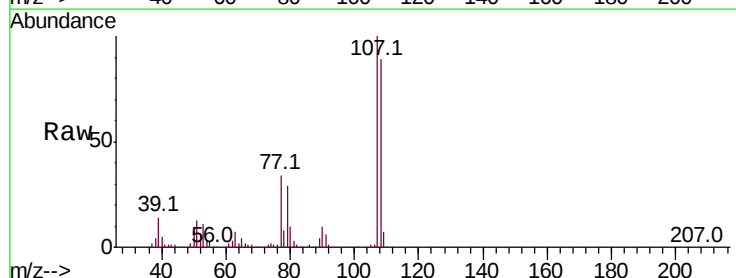
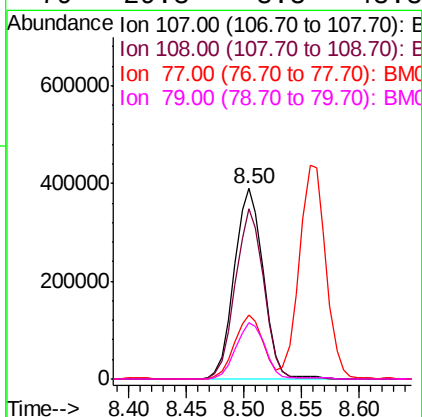
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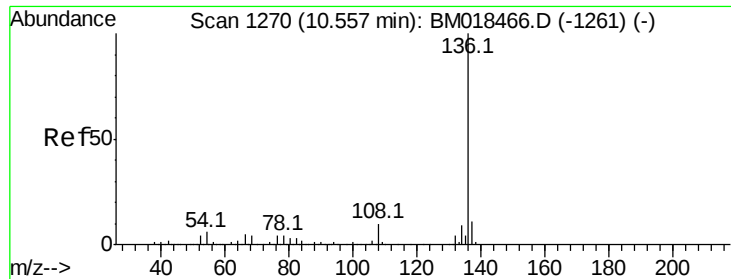
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#20
3+4-Methylphenols
Concen: 42.383 ng
RT: 8.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.5	66.8	106.8		
77	33.7	13.3	53.3		
79	29.3	8.8	48.8		





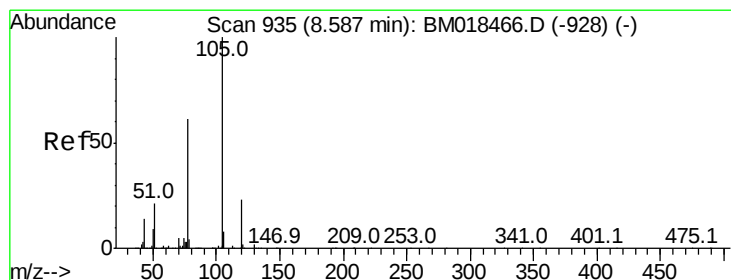
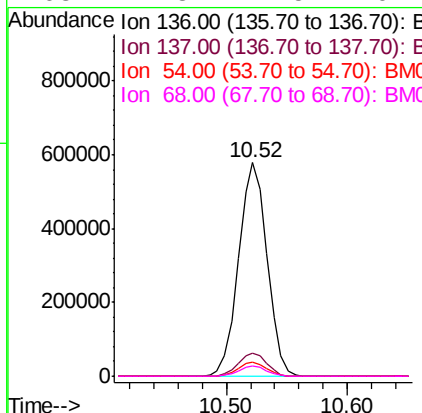
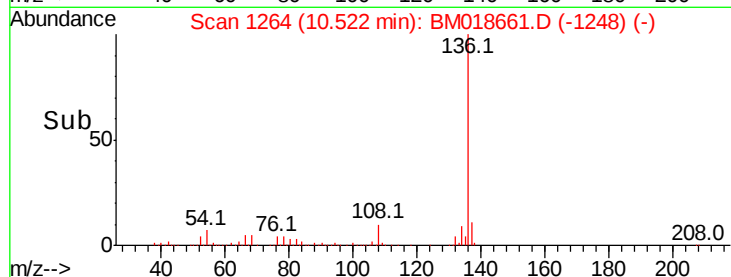
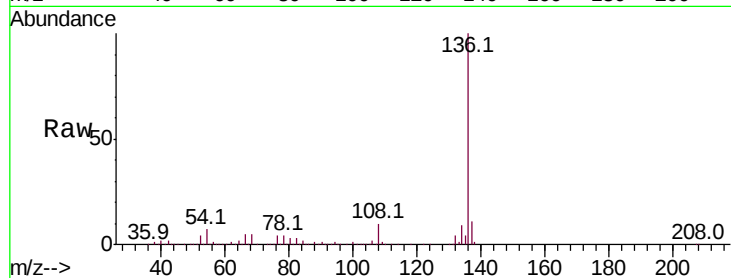
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.5	12.7	
54	6.6	6.0	9.0	
68	4.8	4.5	6.7	

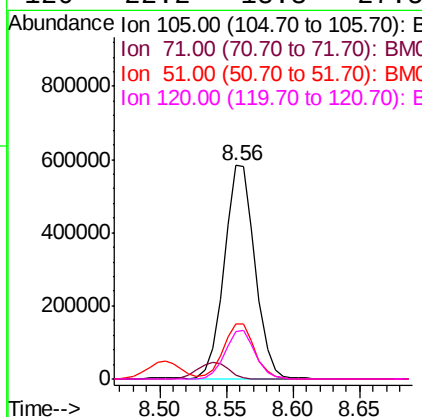
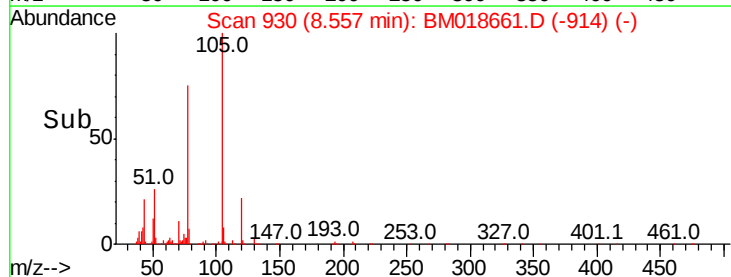
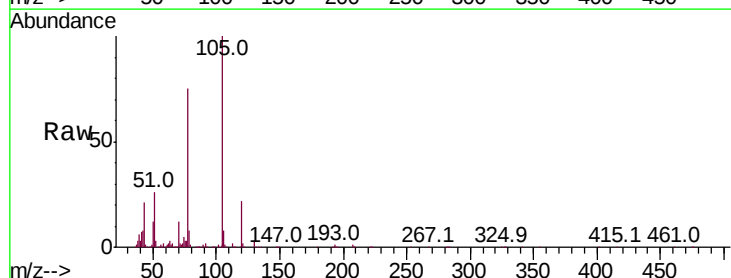
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#22
Acetophenone
Concen: 39.758 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.8	1.7	2.5	
51	25.9	22.6	34.0	
120	22.2	18.3	27.5	





#23

Nitrobenzene-d5

Concen: 81.055 ng

RT: 8.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1328162

Ion Ratio Lower Upper

82 100

128 46.8 36.3 54.5

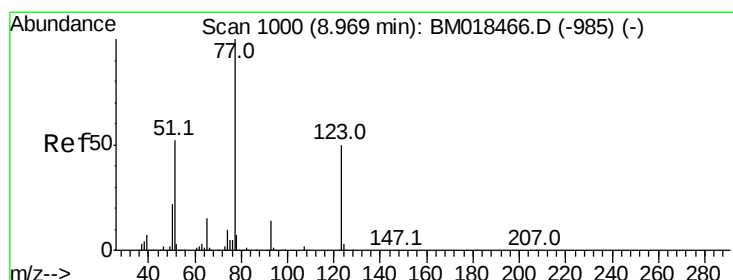
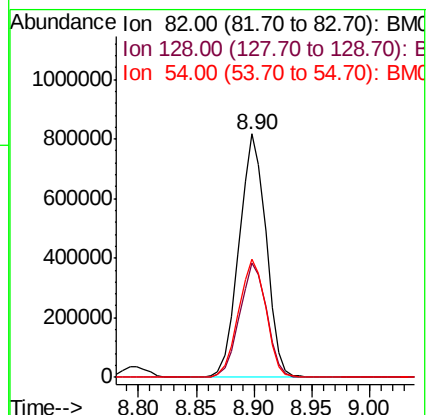
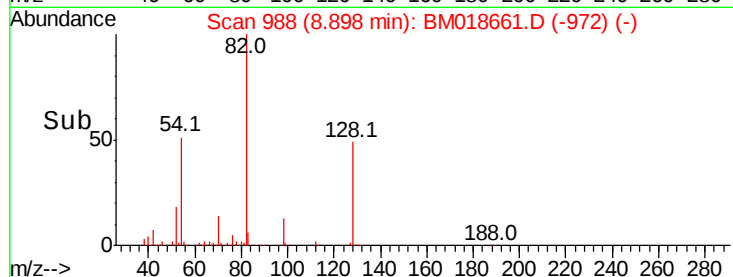
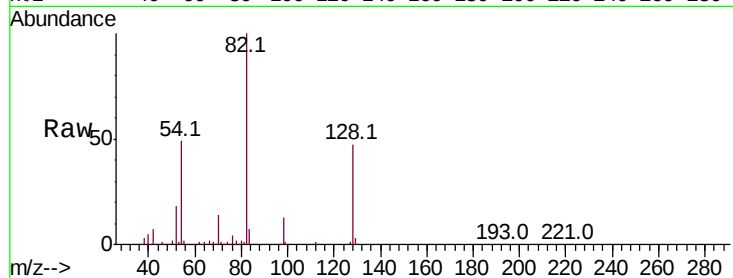
54 48.7 41.7 62.5

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#24

Nitrobenzene

Concen: 39.784 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

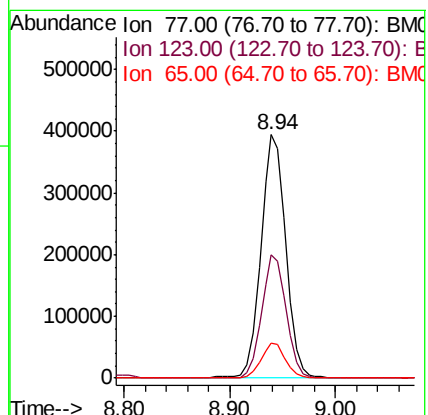
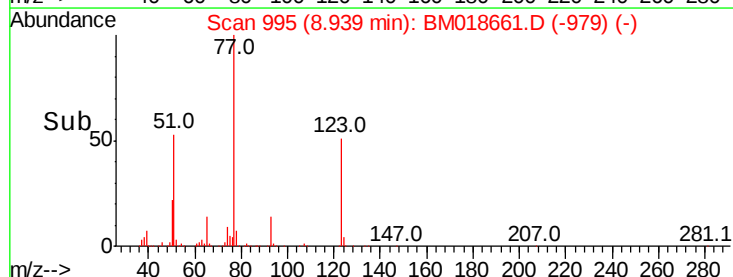
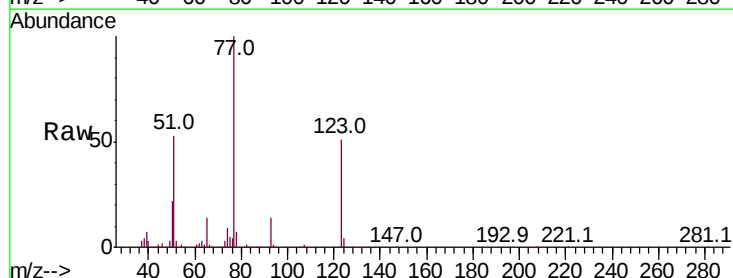
Tgt Ion: 77 Resp: 641417

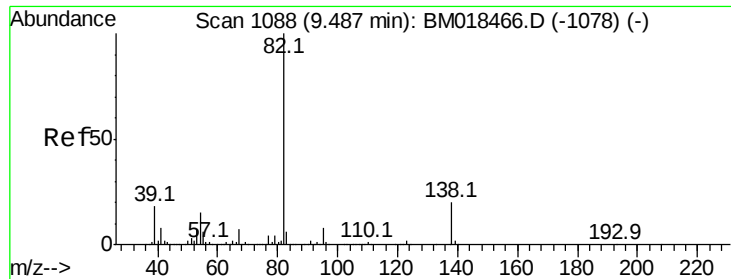
Ion Ratio Lower Upper

77 100

123 50.8 37.7 56.5

65 14.1 11.0 16.6





#25

Isophorone

Concen: 41.722 ng

RT: 9.46 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion: 82 Resp: 1035250

Ion Ratio Lower Upper

82 100

95 8.0 6.1 9.1

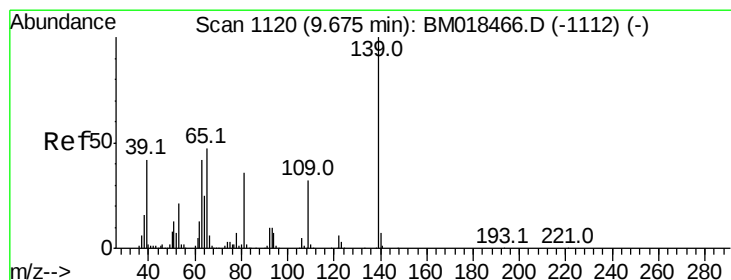
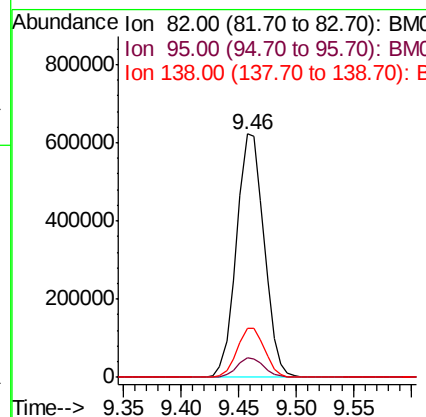
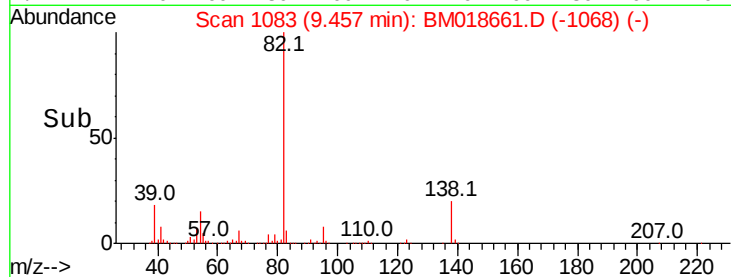
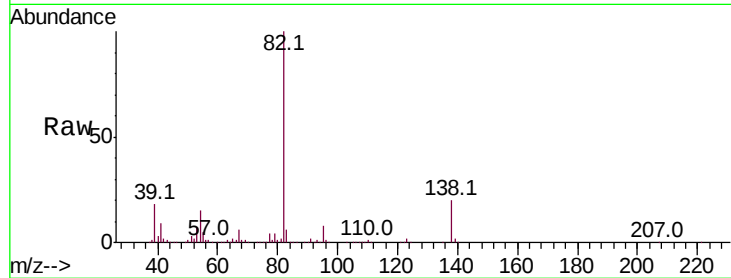
138 19.9 15.1 22.7

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#26

2-Nitrophenol

Concen: 47.086 ng

RT: 9.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

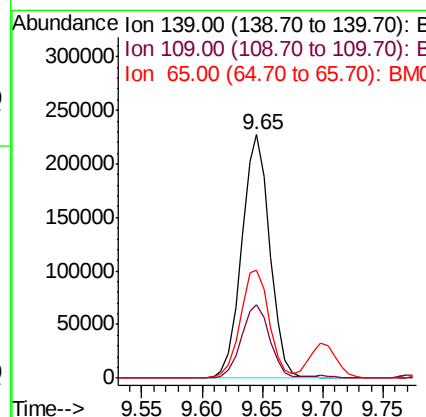
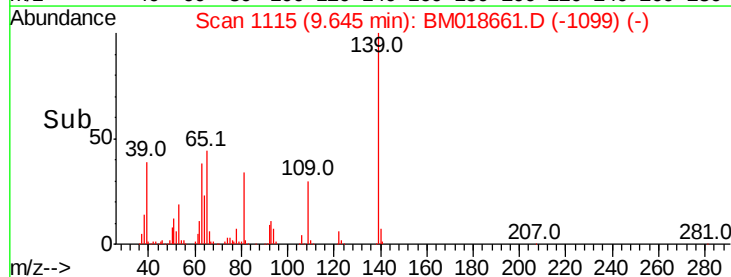
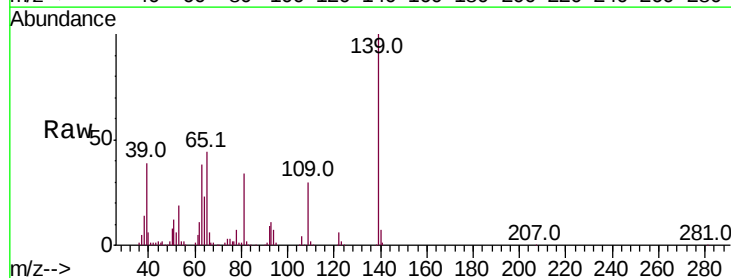
Tgt Ion: 139 Resp: 367075

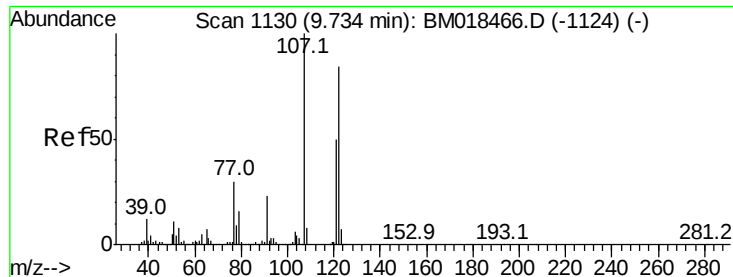
Ion Ratio Lower Upper

139 100

109 30.3 23.4 35.2

65 44.2 39.4 59.2





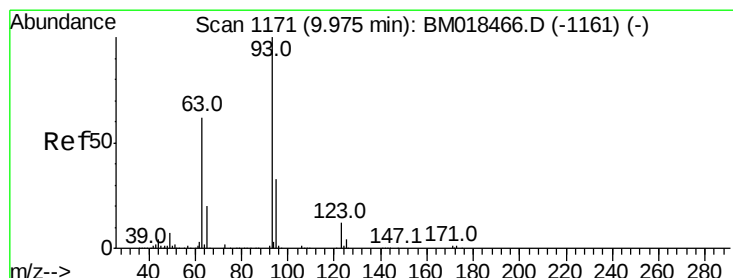
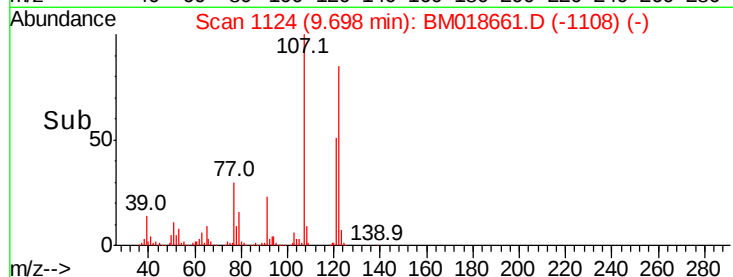
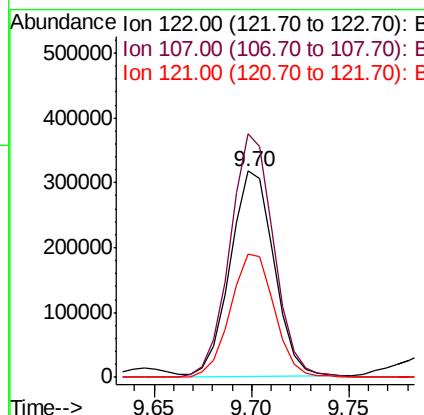
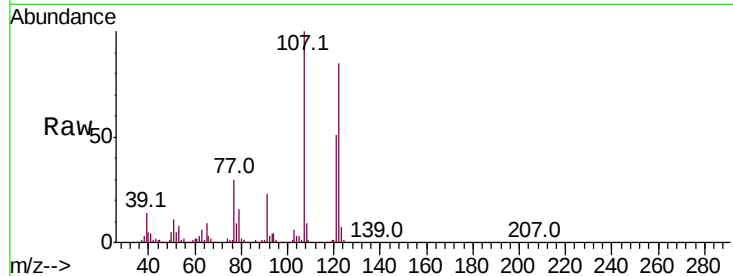
#27
2,4-Dimethylphenol
Concen: 41.885 ng
RT: 9.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	489435		
107	118.2	91.9	137.9	
121	60.0	47.5	71.3	

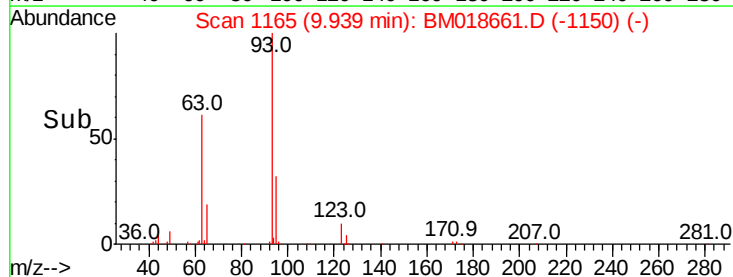
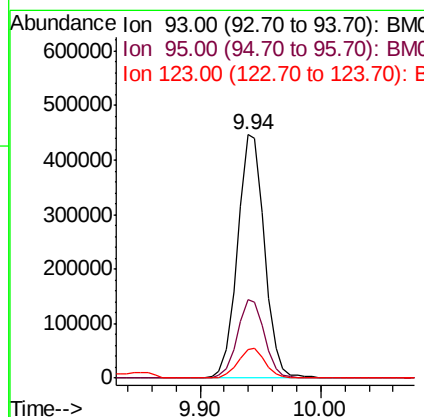
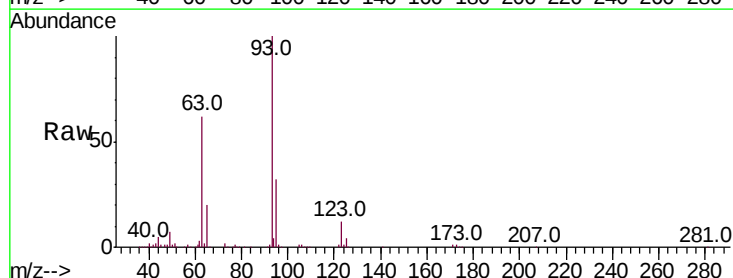
Manual Integrations
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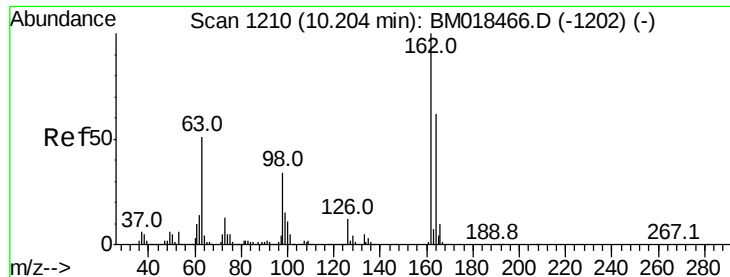
mohammad
1/29/2019 12:29:47 AM



#28
bis(2-Chloroethoxy)methane
Concen: 40.641 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	696626		
95	32.2	26.6	39.8	
123	11.9	9.9	14.9	





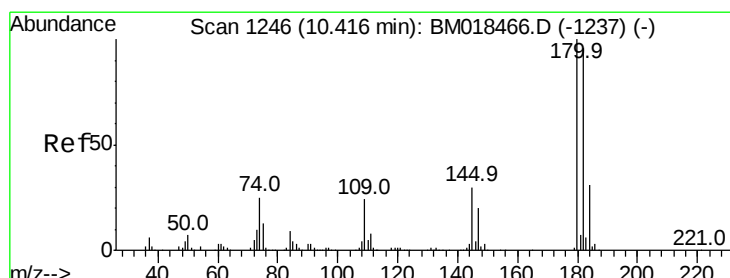
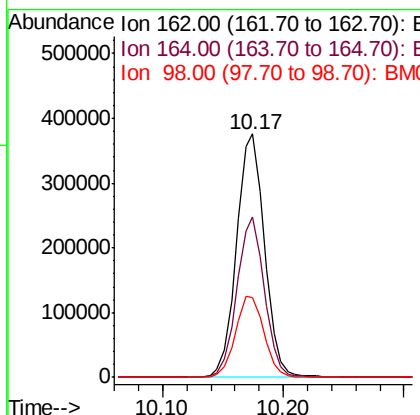
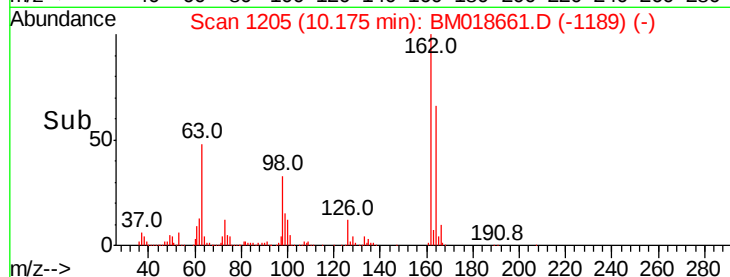
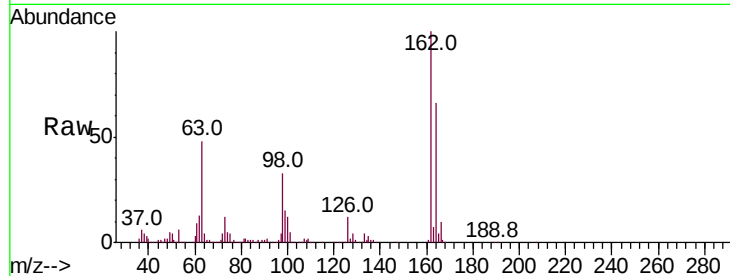
#29
2,4-Dichlorophenol
Concen: 43.720 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
162	100	608329		
164	65.8		45.6	85.6
98	32.8		14.7	54.7

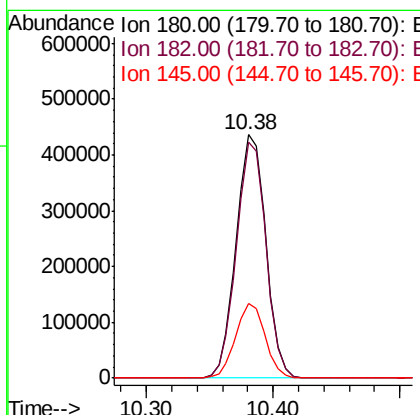
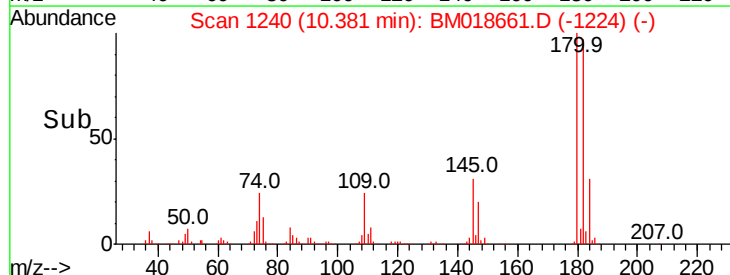
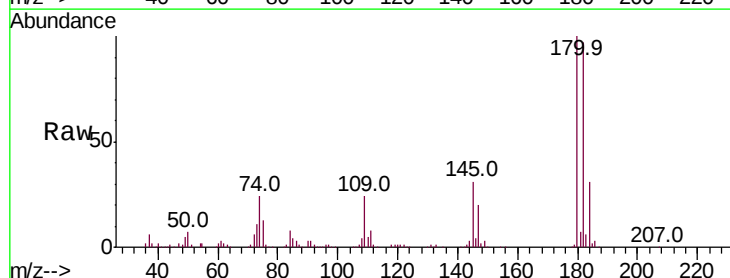
Manual Integrations
APPROVED

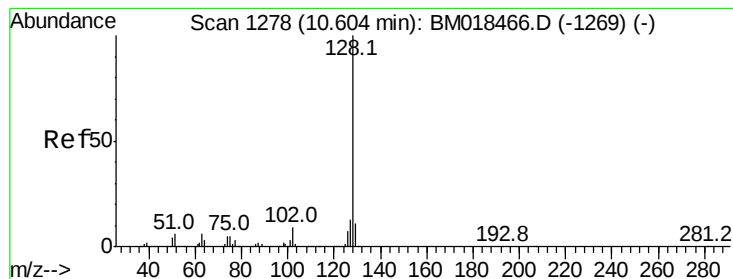
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.176 ng
RT: 10.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	711139		
182	96.7		77.4	116.2
145	30.7		24.6	37.0





#31

Naphthalene

Concen: 40.615 ng

RT: 10.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

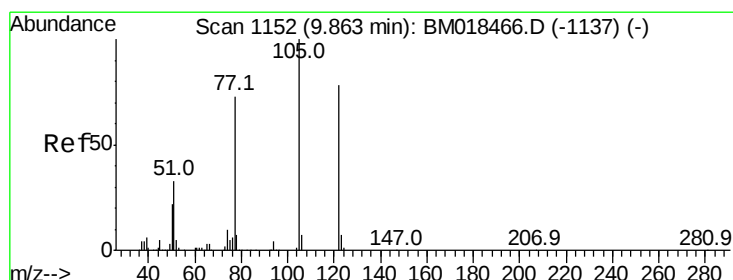
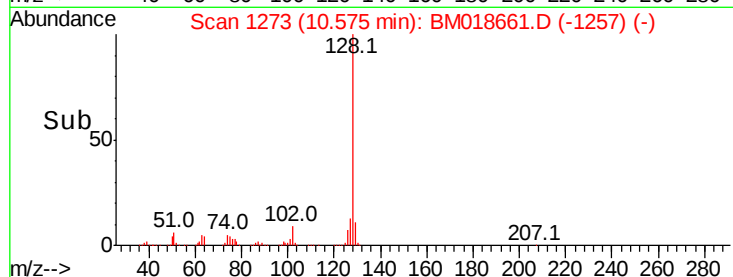
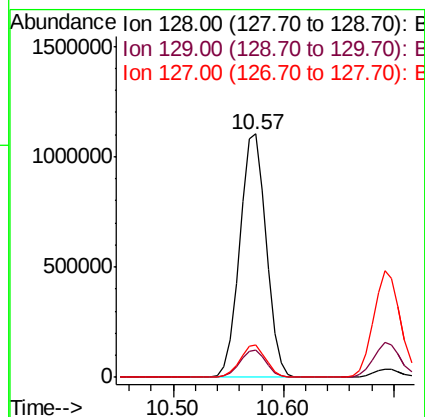
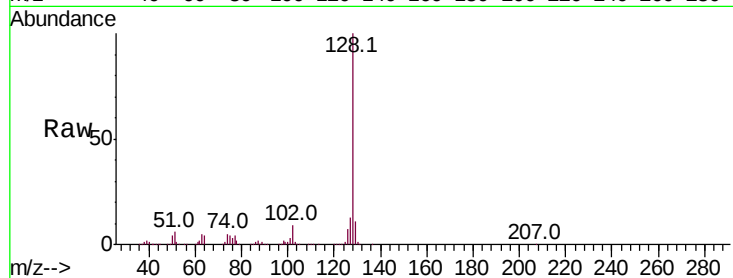
ClientSampleId :

SSTDCCC040EC

Tot Ion:128	Resp: 1858024
Ion Ratio	Lower Upper
128 100	
129 11.1	8.7 13.1
127 13.5	10.8 16.2

Manual Integrations
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#32

Benzoic acid

Concen: 54.653 ng m

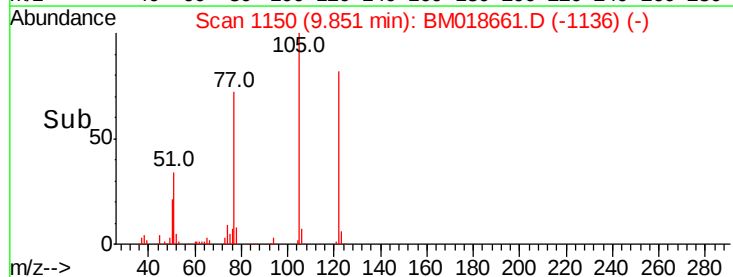
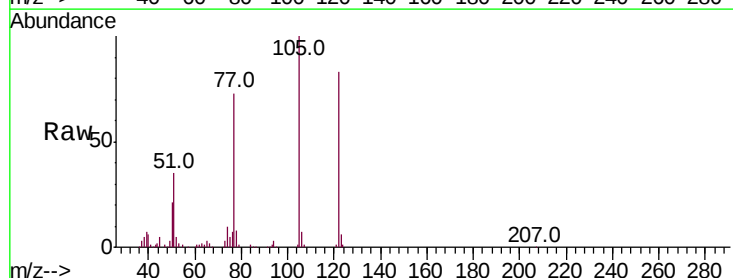
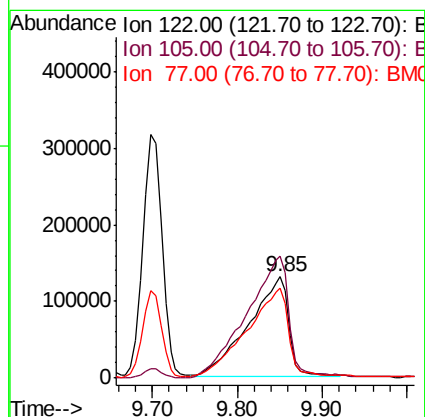
RT: 9.85 min Scan# 1150

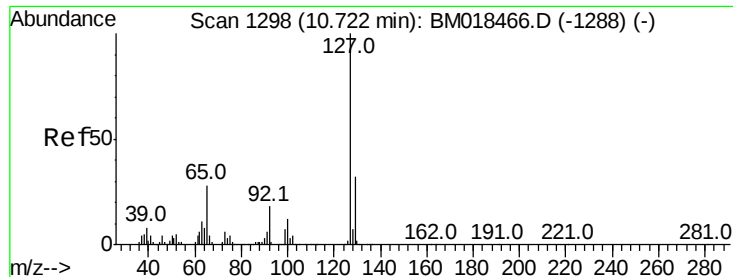
Delta R.T. -0.02 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Tgt Ion:122	Resp: 438187
Ion Ratio	Lower Upper
122 100	
105 121.0	100.4 140.4
77 88.5	71.7 111.7





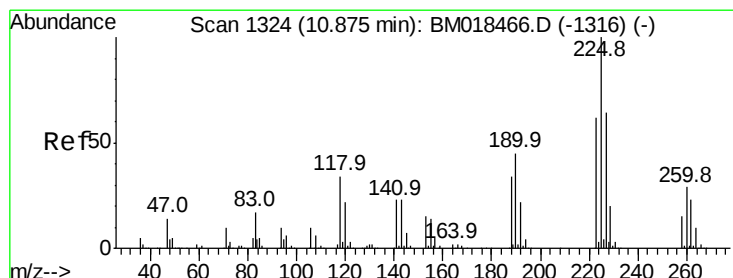
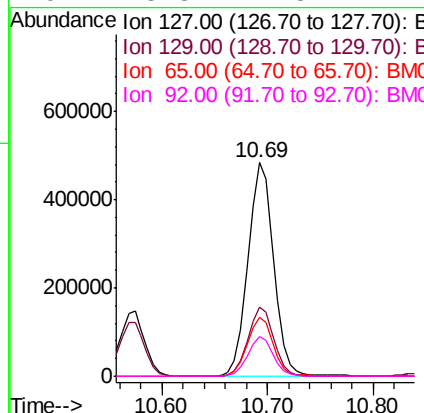
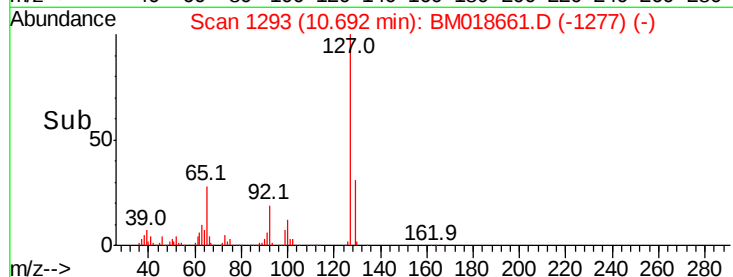
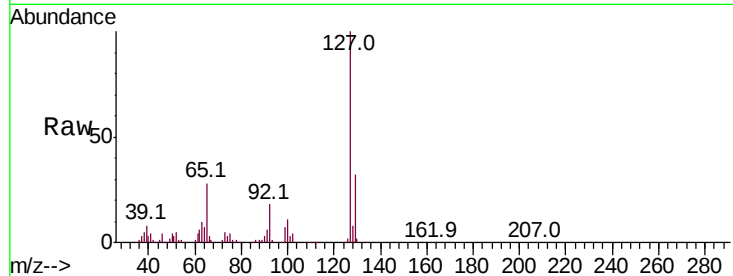
#33
4-Chloroaniline
Concen: 45.574 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	27.7	23.4	35.2
92	18.3	14.5	21.7

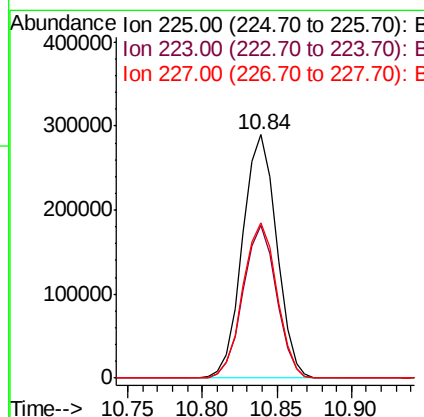
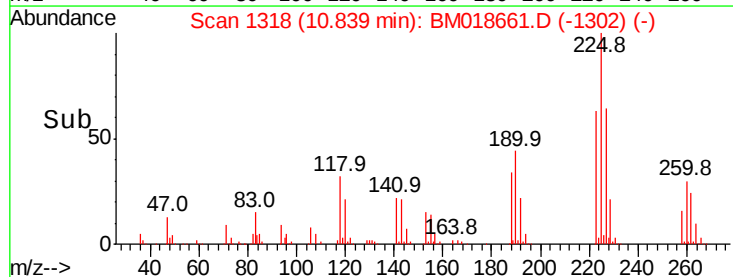
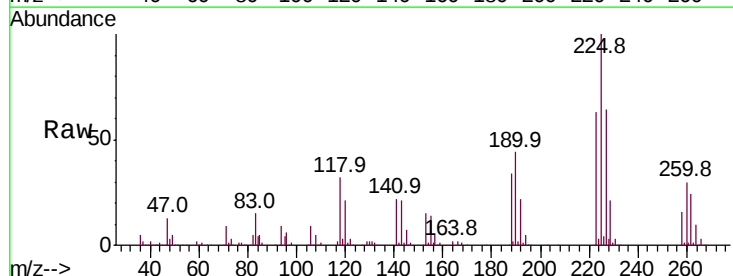
Manual Integrations
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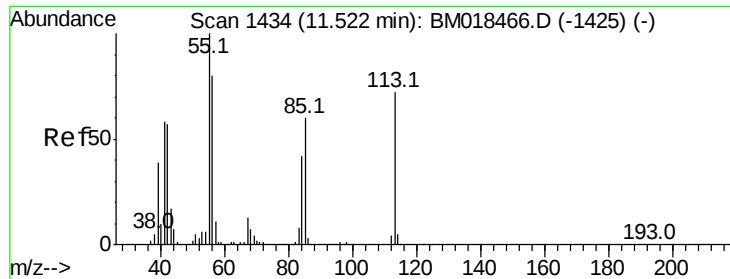
mohammad
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#34
Hexachlorobutadiene
Concen: 42.117 ng
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.8	76.2
227	64.0	50.4	75.6





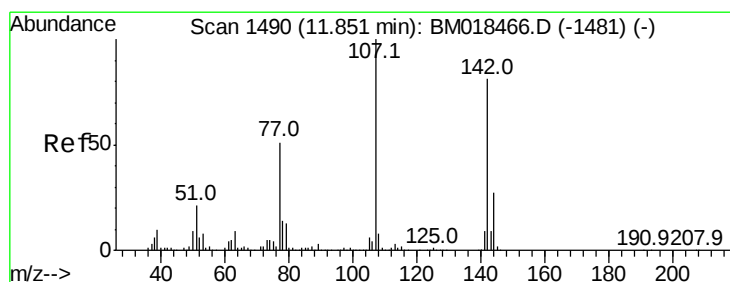
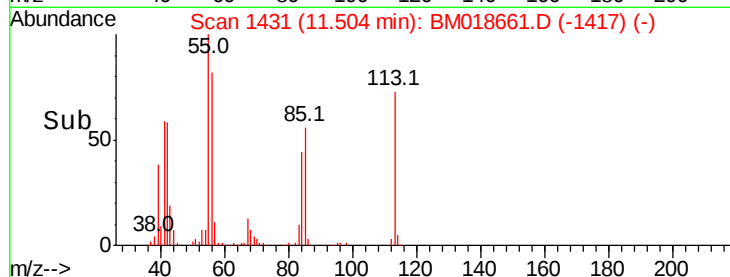
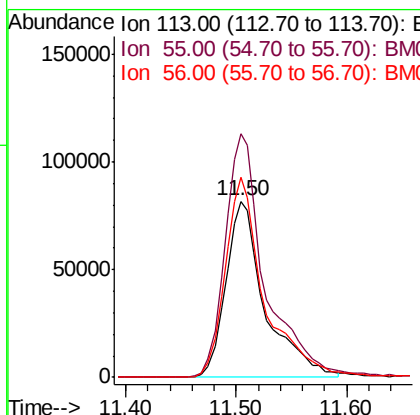
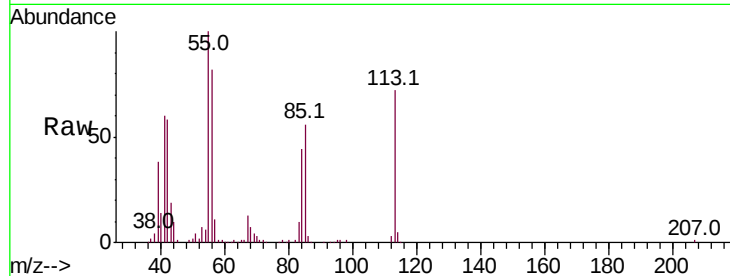
#35
 Caprolactam
 Concen: 42.784 ng
 RT: 11.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.1	139.3	179.3#
56	113.3	101.4	141.4

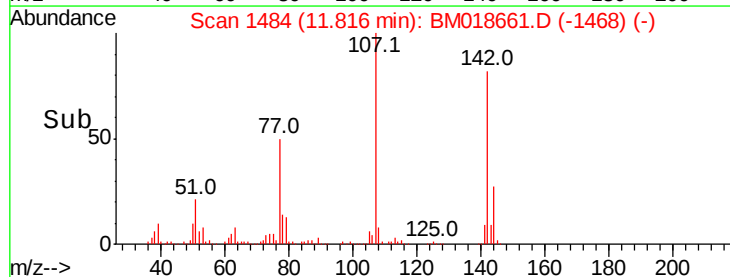
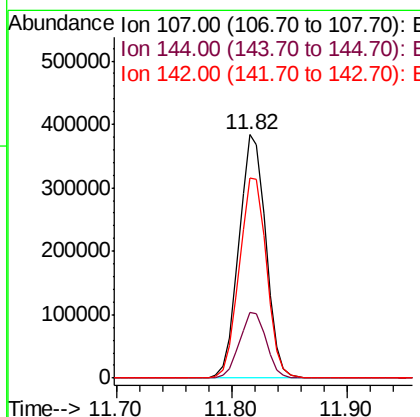
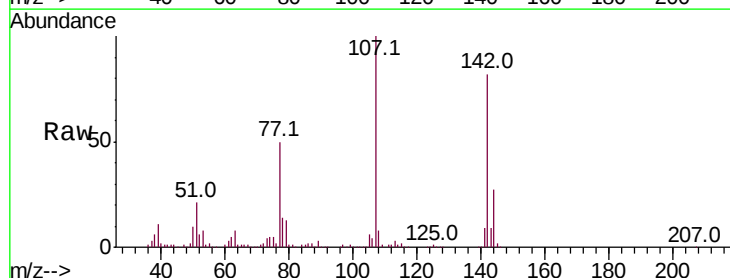
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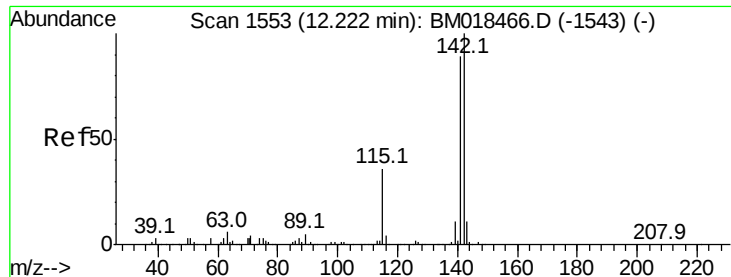
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 42.605 ng
 RT: 11.82 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.9	32.9
142	82.0	67.9	101.9





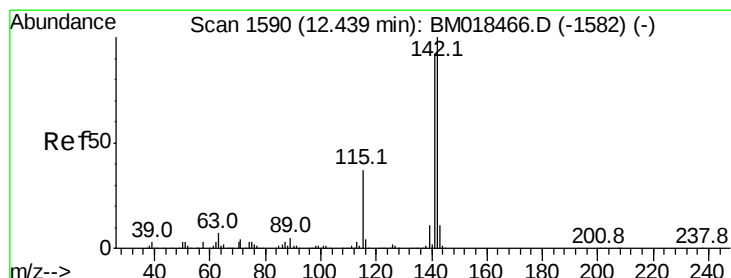
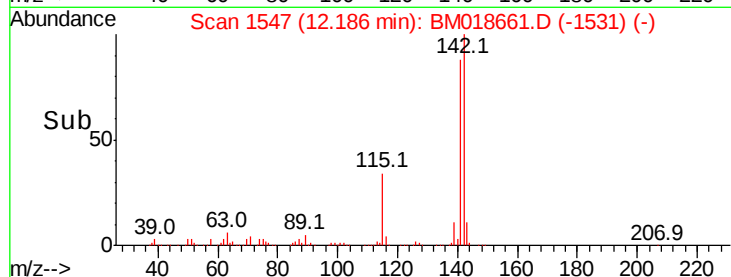
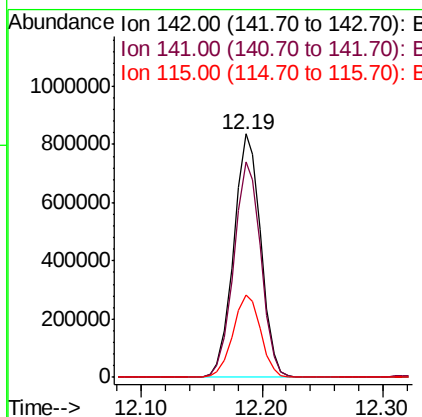
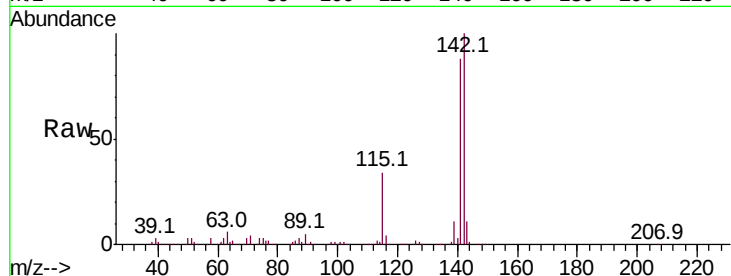
#37
2-Methylnaphthalene
Concen: 40.406 ng
RT: 12.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	34.0	28.0	42.0

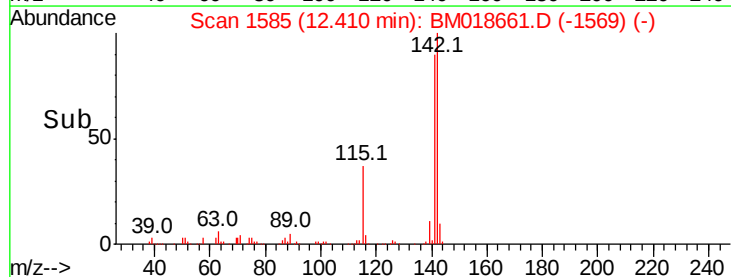
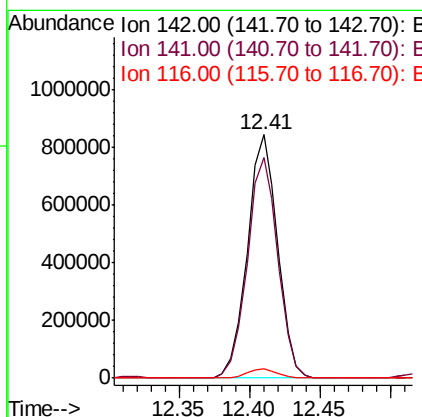
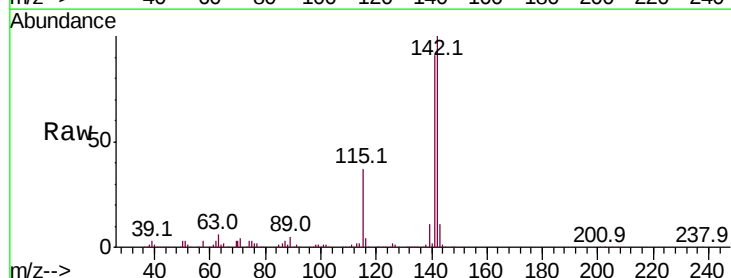
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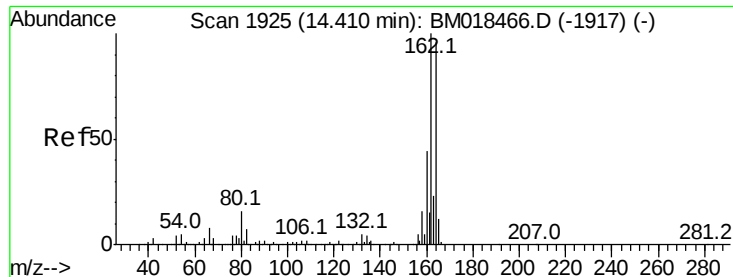
mohammad
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#38
1-Methylnaphthalene
Concen: 40.454 ng
RT: 12.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	75.6	113.4
116	3.9	3.0	4.6





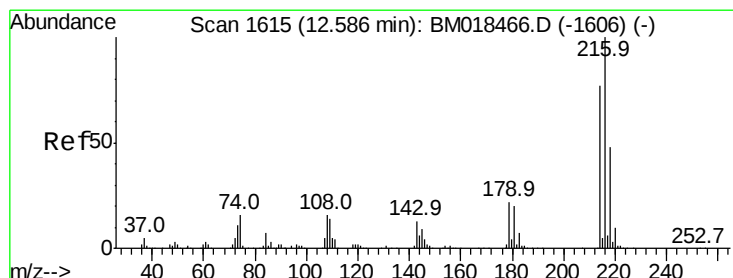
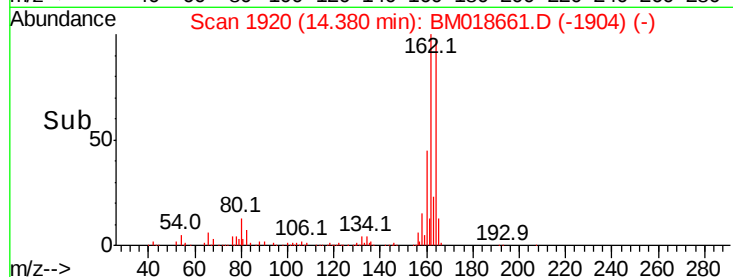
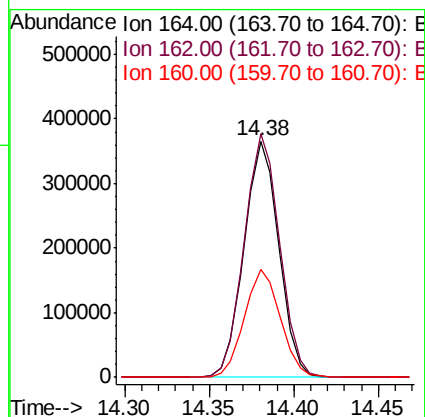
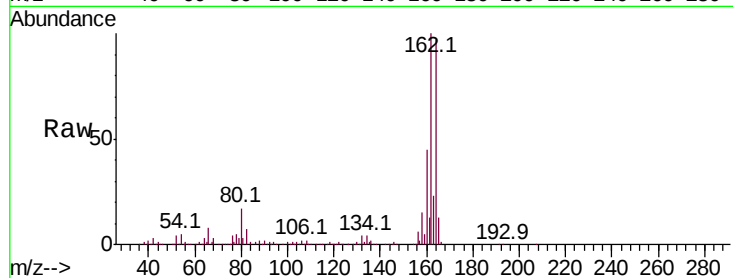
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion:	164	Resp:	524754
Ion Ratio	Lower	Upper	
164	100		
162	103.0	83.0	124.4
160	45.9	37.1	55.7

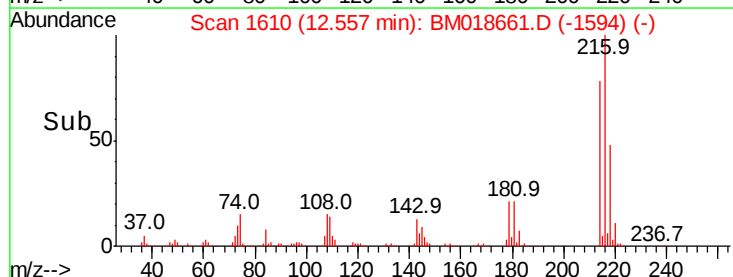
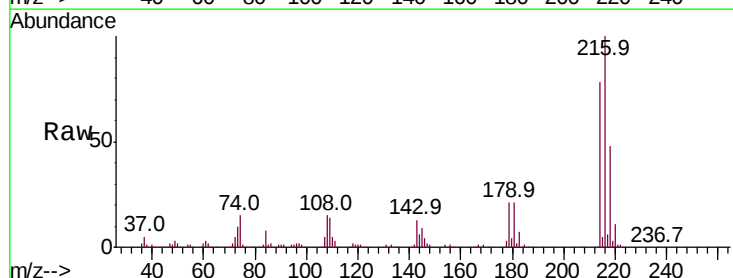
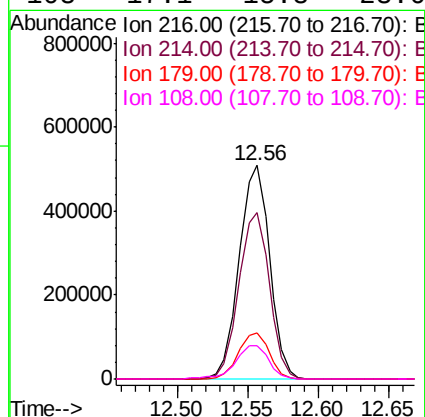
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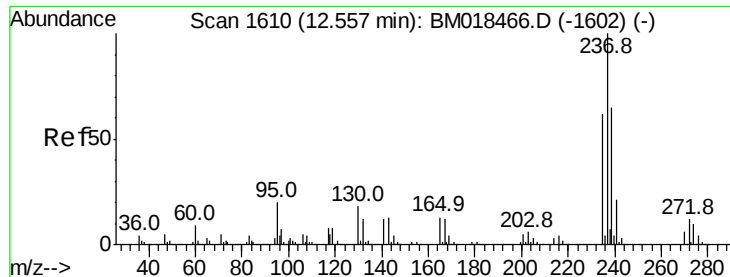
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.758 ng
RT: 12.56 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion:	216	Resp:	766279
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.4	95.0
179	21.8	17.9	26.9
108	17.1	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 24.208 ng

RT: 12.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

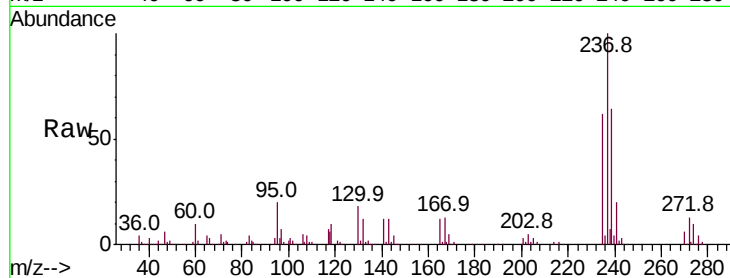
ClientSampleId :

SSTDCCC040EC

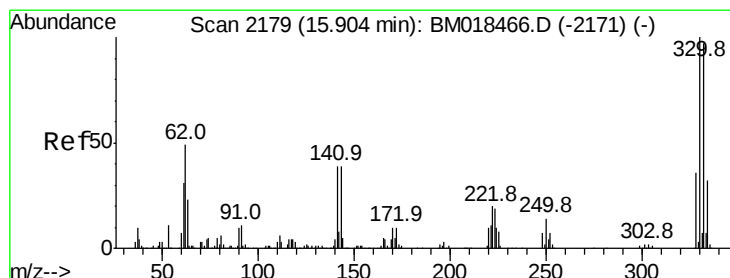
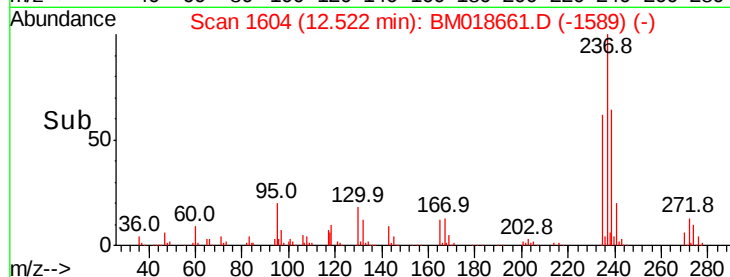
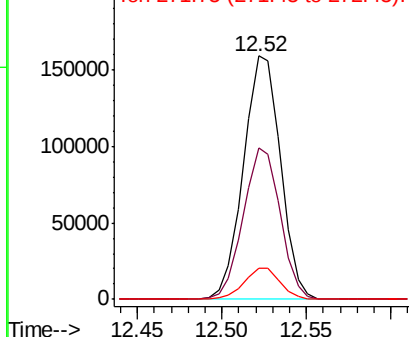
Tot Ion:	237	Resp:	243800
Ion Ratio	Lower	Upper	
237	100		
235	62.3	42.8	82.8
272	12.6	0.0	31.9

Manual Integrations
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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: 90.473 ng

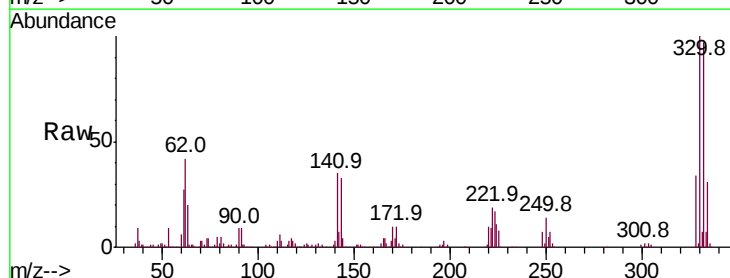
RT: 15.88 min Scan# 2175

Delta R.T. -0.01 min

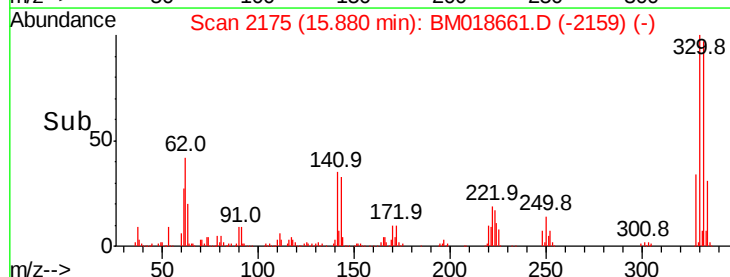
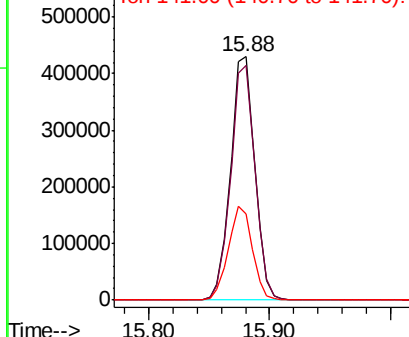
Lab File: BM018661.D

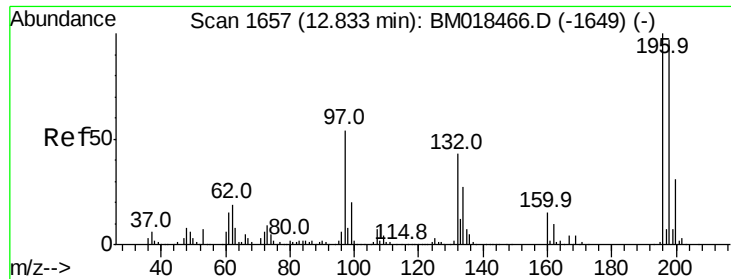
Acq: 25 Jan 2019 20:23

Tgt Ion:	330	Resp:	604501
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.6	116.4
141	38.1	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





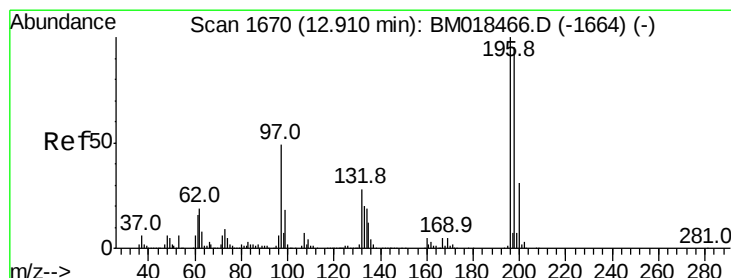
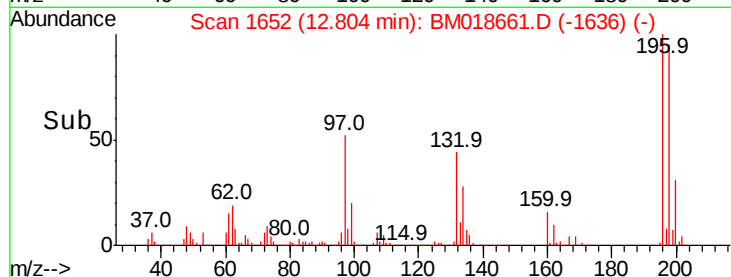
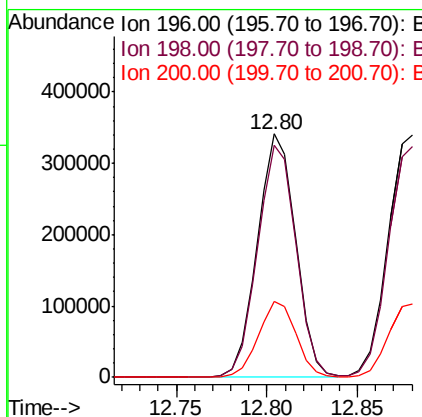
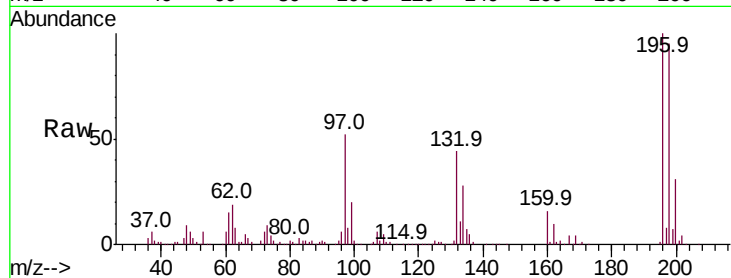
#43
 2,4,6-Trichlorophenol
 Concen: 44.922 ng
 RT: 12.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
196	100	500588		
198	95.5	76.6	115.0	
200	31.0	24.2	36.4	

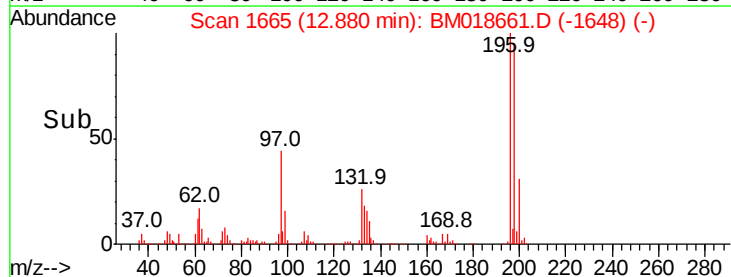
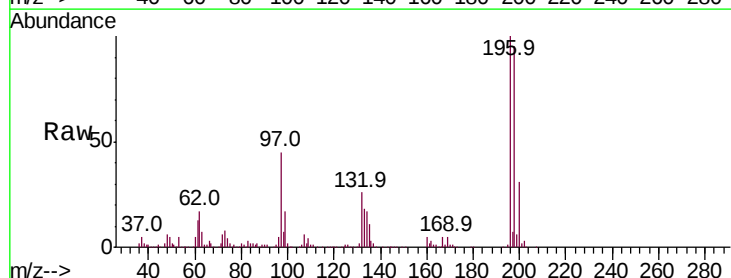
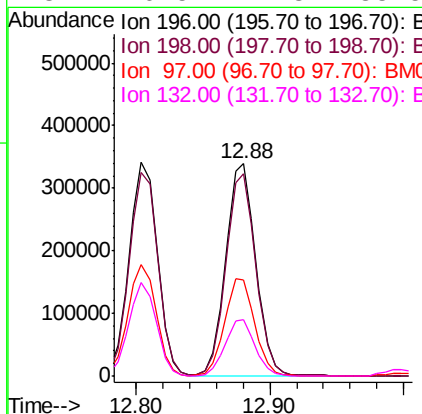
Manual Integrations
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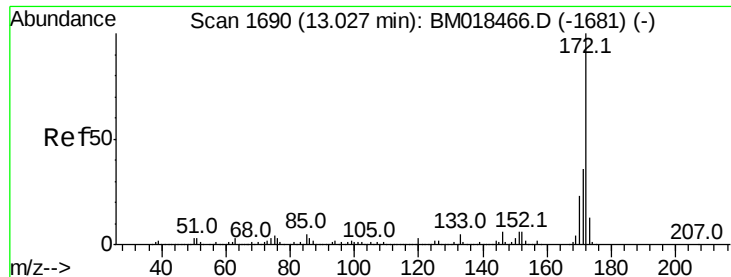
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#44
 2,4,5-Trichlorophenol
 Concen: 45.294 ng
 RT: 12.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	530833		
198	95.4	76.7	115.1	
97	45.1	39.2	58.8	
132	26.5	22.3	33.5	





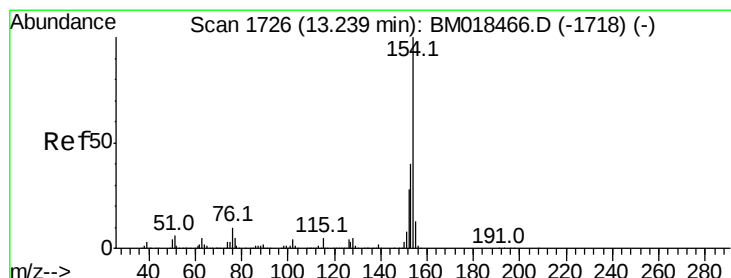
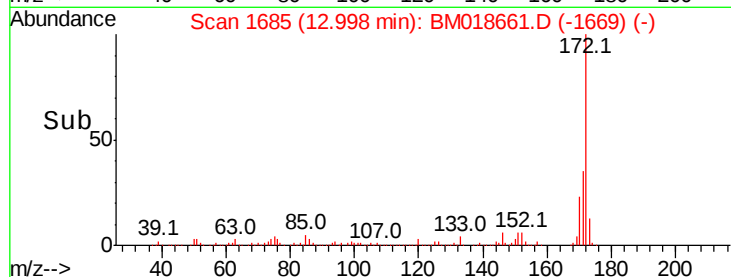
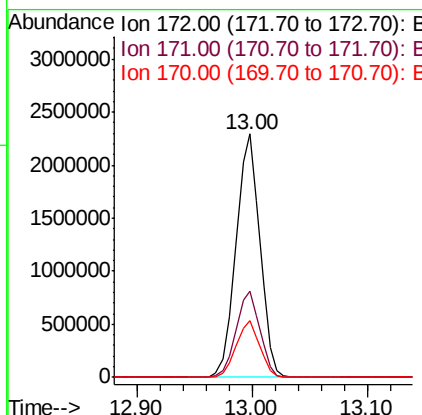
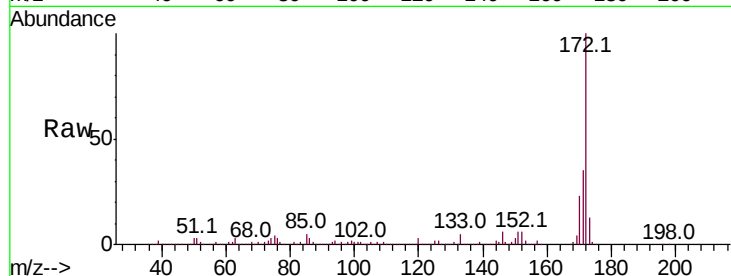
#45
2-Fluorobiphenyl
Concen: 81.257 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	23.3	18.9	28.3

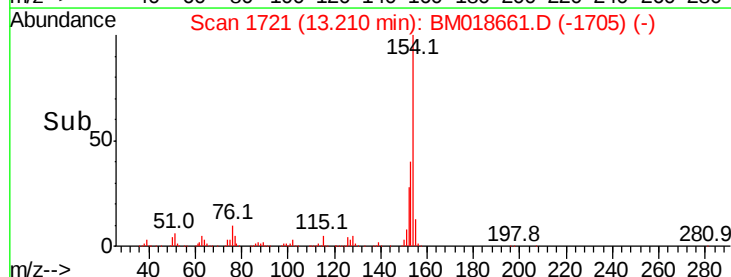
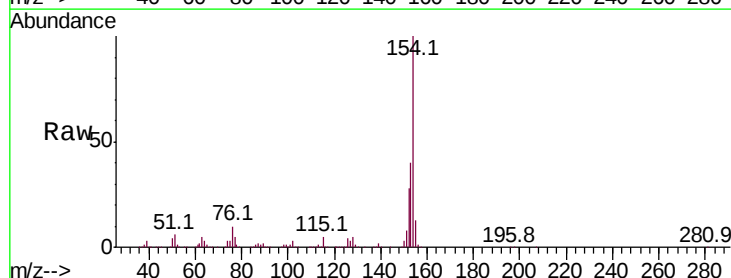
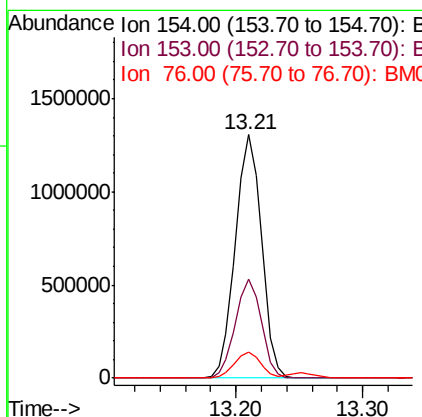
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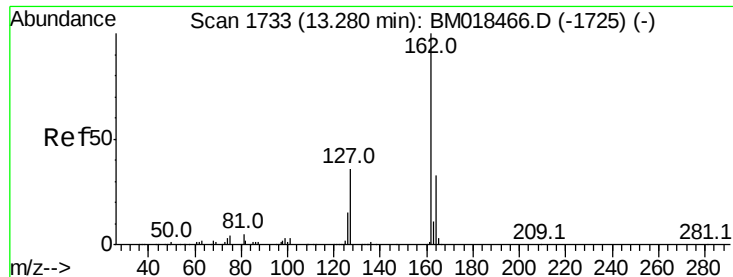
mohammad
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#46
1,1'-Biphenyl
Concen: 40.597 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	10.4	0.0	31.9





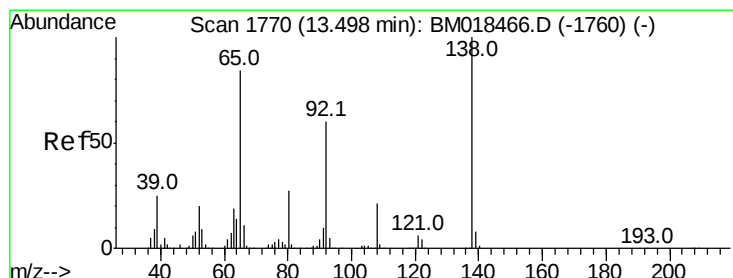
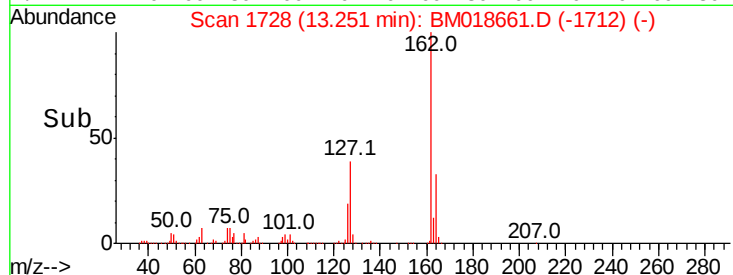
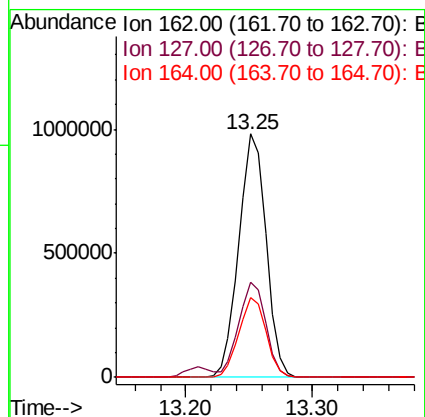
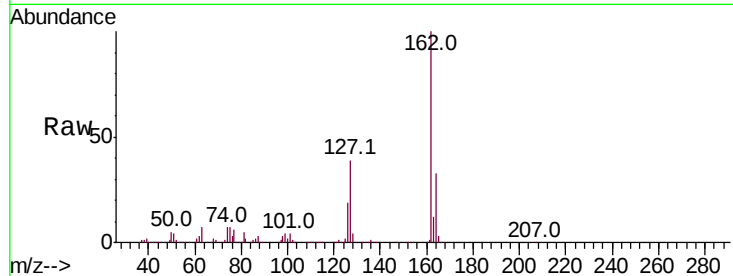
#47
2-Chloronaphthalene
Concen: 41.049 ng
RT: 13.25 min Scan# 1728
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.4	47.0
164	32.7	26.2	39.4

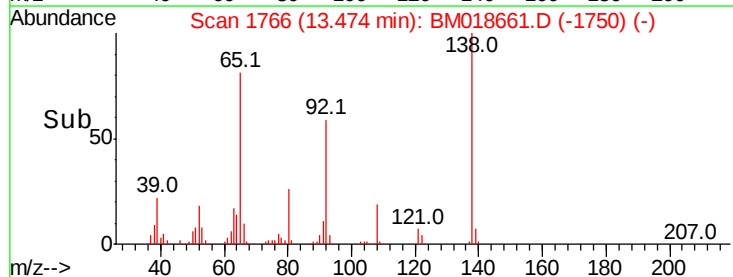
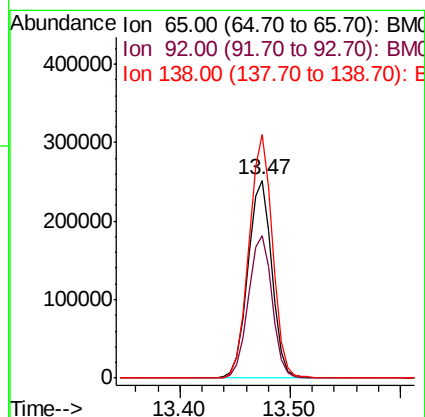
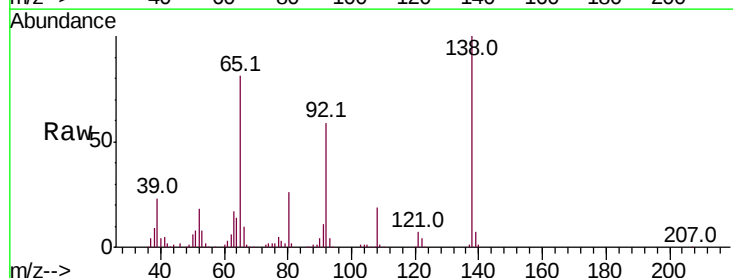
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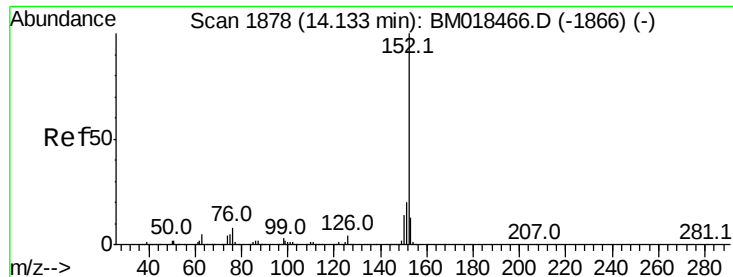
mohammad
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#48
2-Nitroaniline
Concen: 43.983 ng
RT: 13.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	53.4	80.2
138	122.9	88.9	133.3





#49

Acenaphthylene

Concen: 41.278 ng

RT: 14.10 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

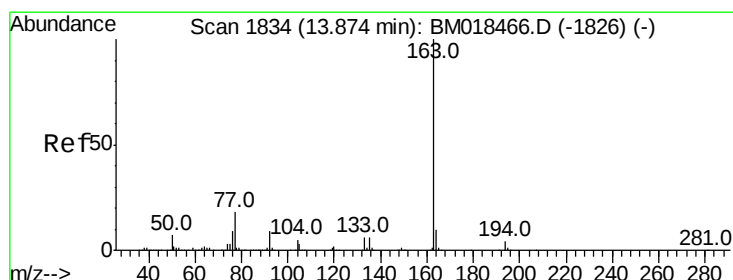
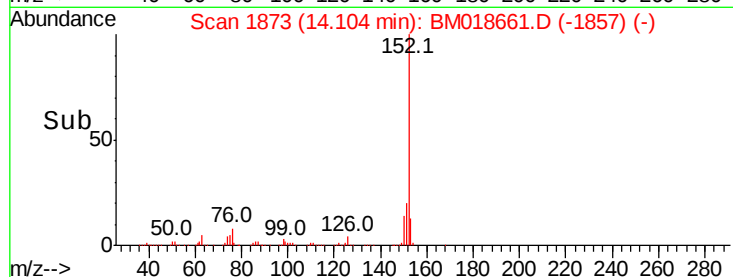
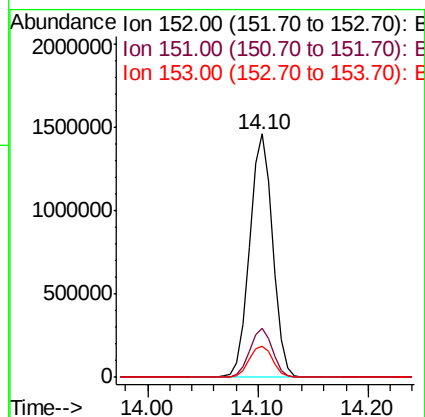
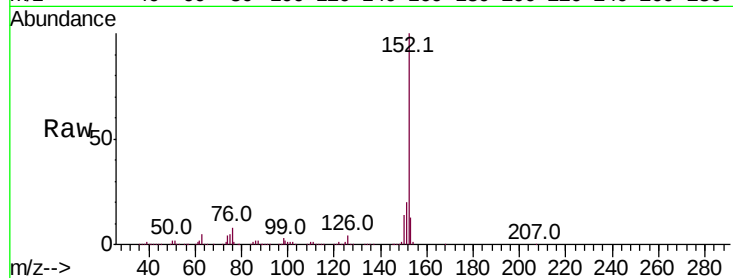
ClientSampleId :

SSTDCCC040EC

Tot Ion:	152	Resp:	2137322
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.0	10.5	15.7

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#50

Dimethylphthalate

Concen: 40.038 ng

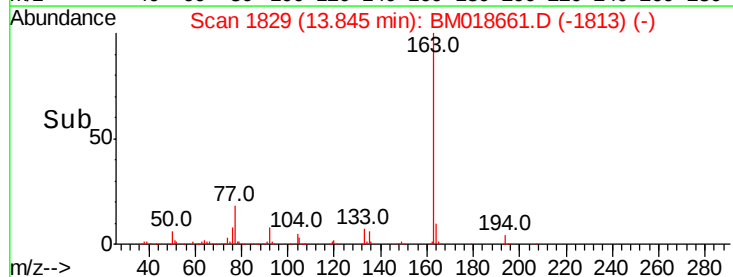
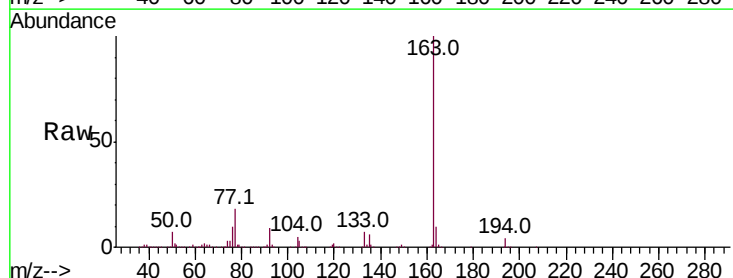
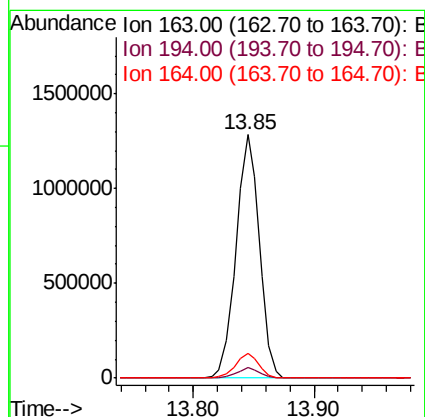
RT: 13.85 min Scan# 1829

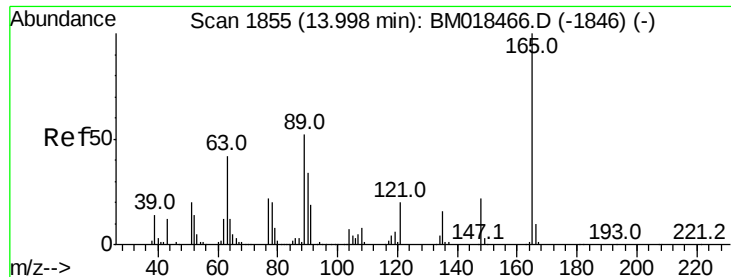
Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Tgt Ion:	163	Resp:	1725510
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.3	7.8	11.8





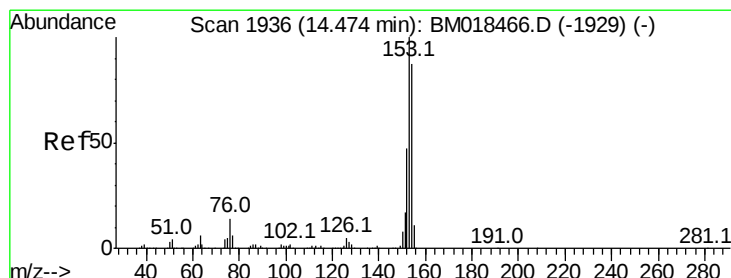
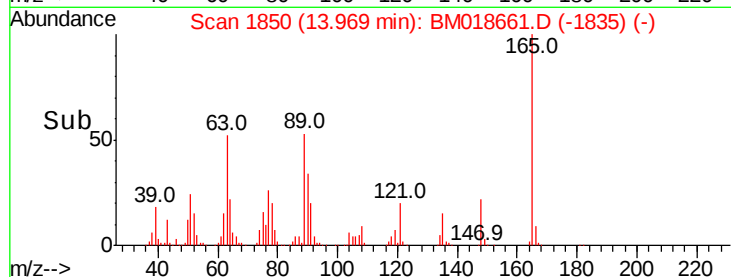
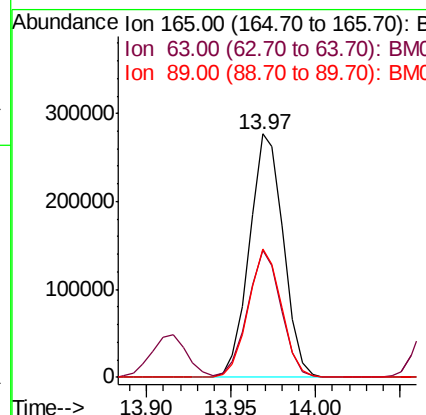
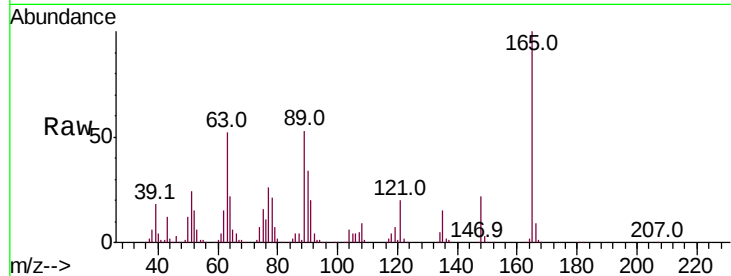
#51
2,6-Dinitrotoluene
Concen: 42.316 ng
RT: 13.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	386301		
63	52.0		45.6	68.4
89	52.5		44.6	66.8

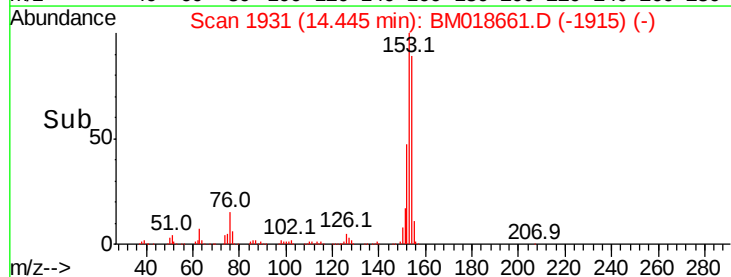
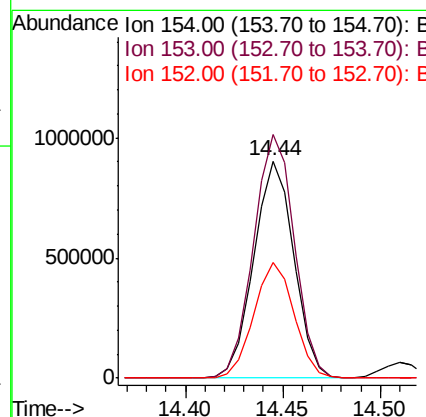
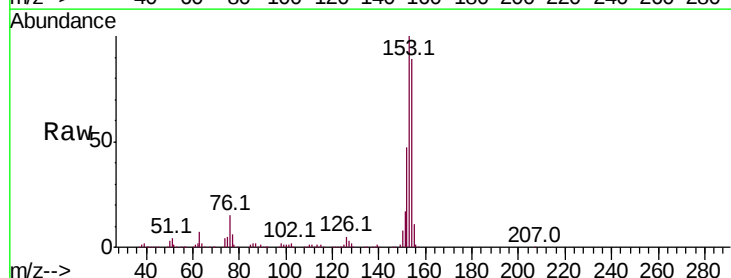
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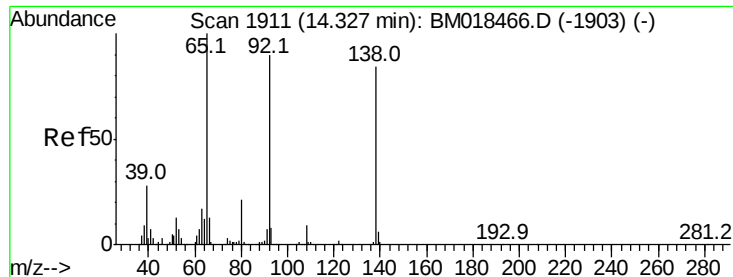
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#52
Acenaphthene
Concen: 40.718 ng
RT: 14.44 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1290004		
153	112.1		92.3	138.5
152	53.1		43.8	65.6





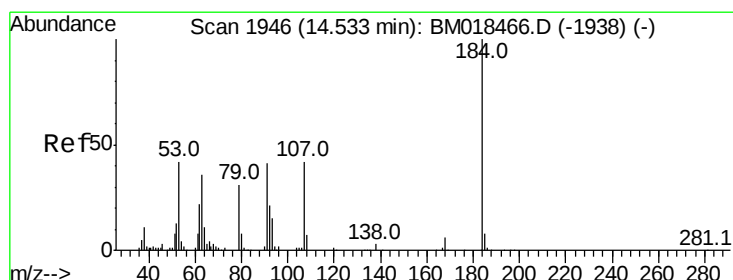
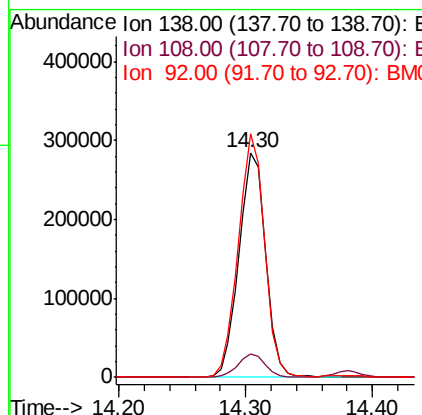
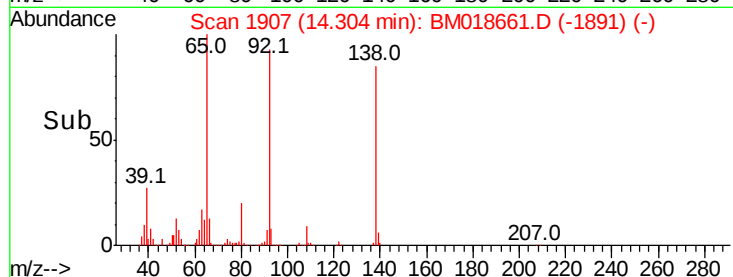
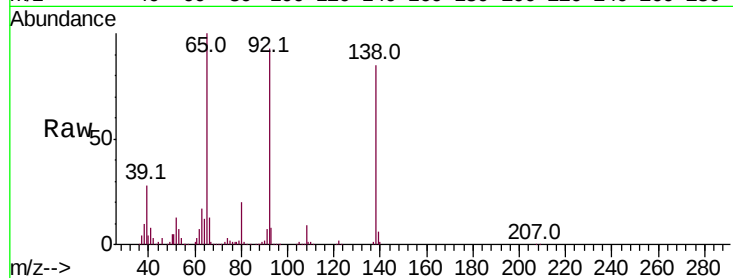
#53
3-Nitroaniline
Concen: 44.956 ng
RT: 14.30 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.1	13.7
92	108.4	88.2	132.2

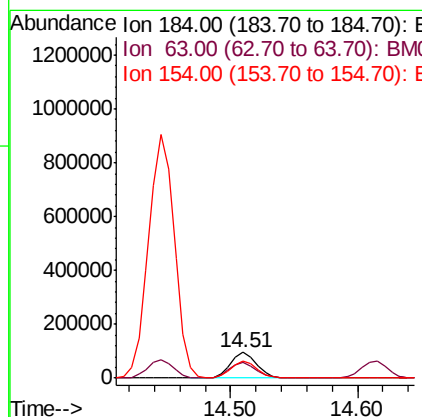
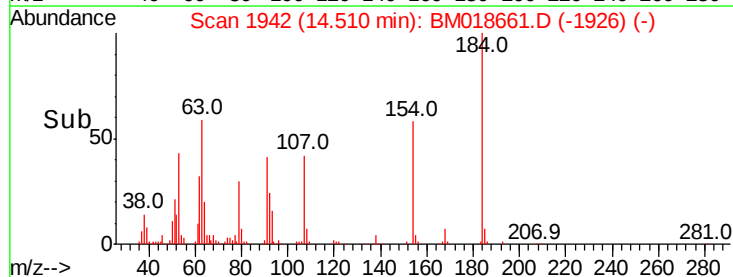
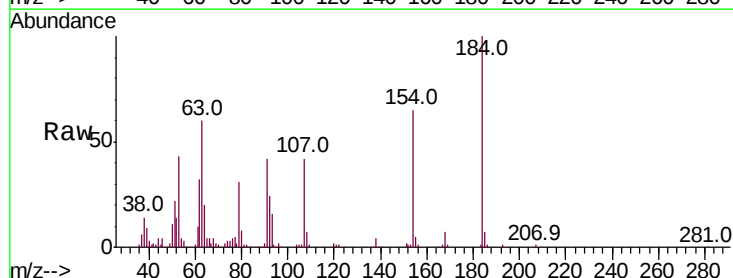
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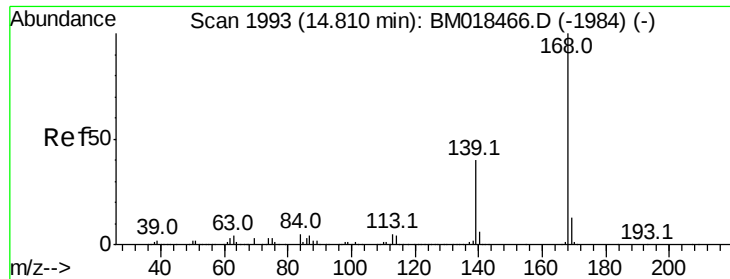
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#54
2,4-Dinitrophenol
Concen: 32.772 ng
RT: 14.51 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	55.9	83.9
154	65.5	54.2	81.4





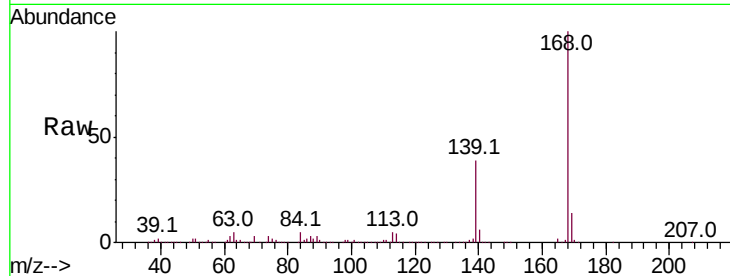
#55
Dibenzofuran
Concen: 40.377 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.3	45.5
169	13.5	10.6	16.0

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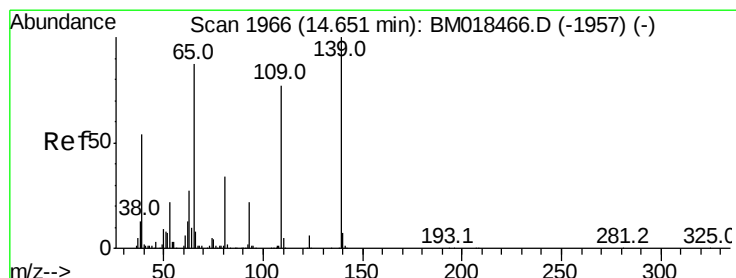
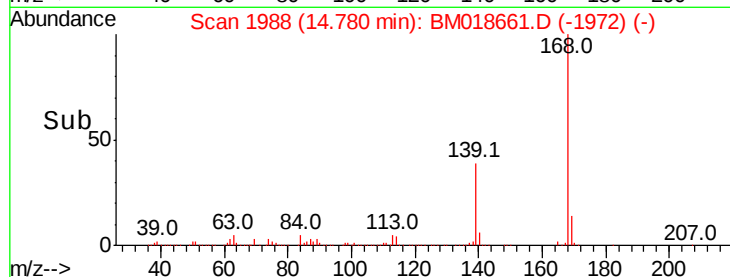
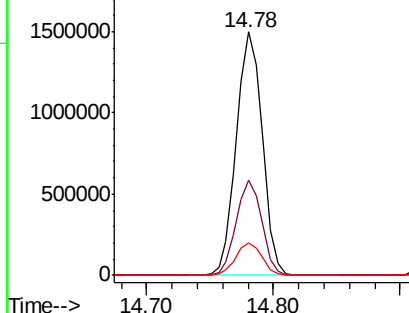


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 43.148 ng
RT: 14.62 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

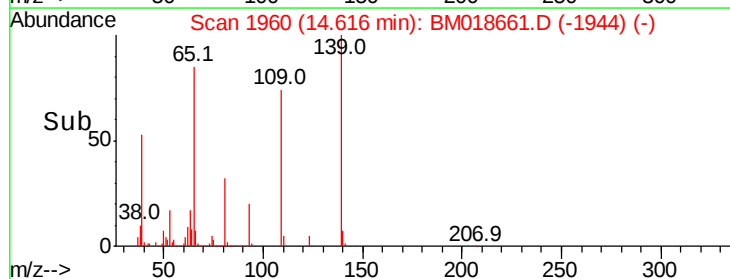
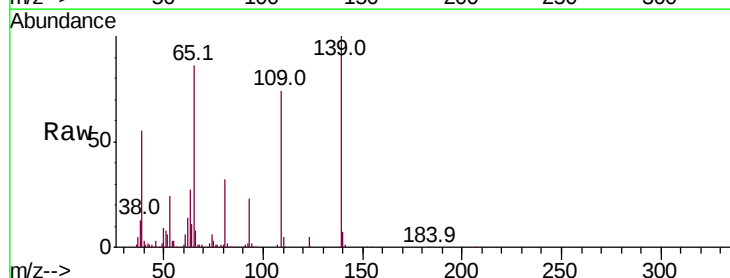
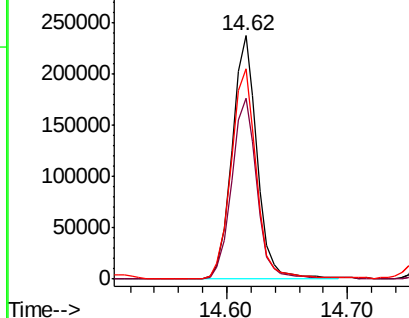
Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.2	51.7	91.7
65	86.3	71.4	111.4

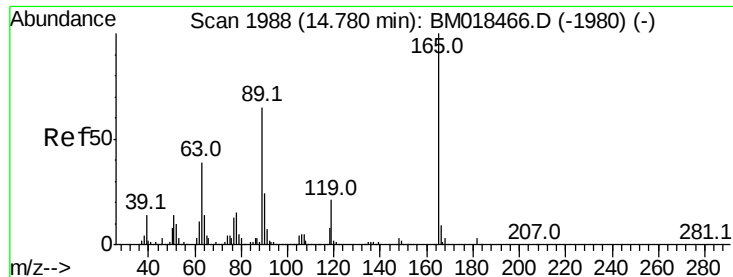
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E





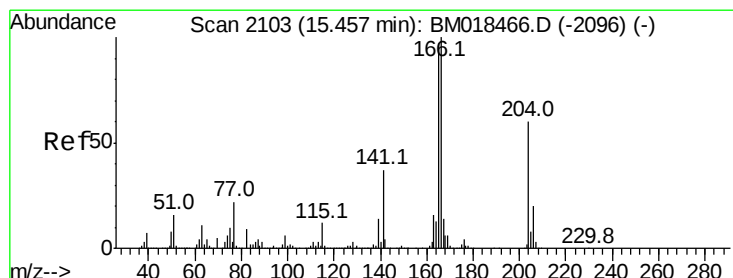
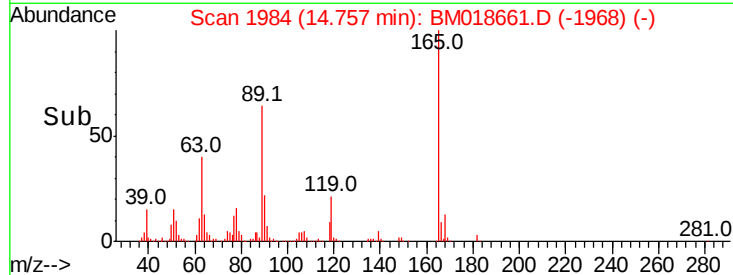
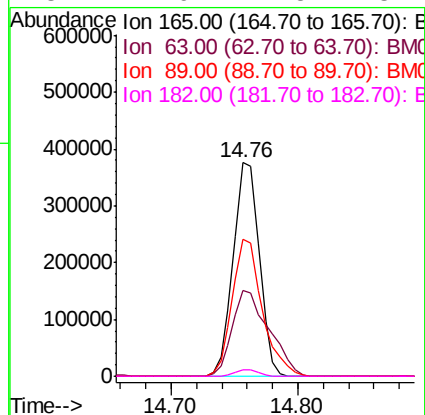
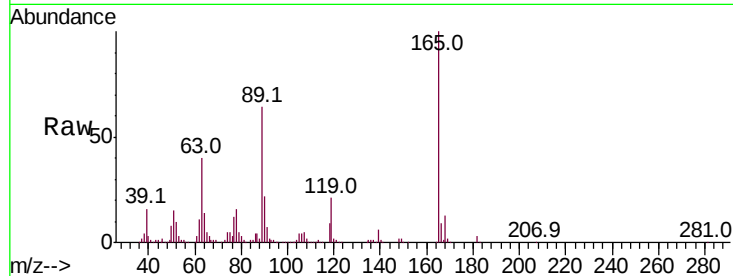
#57
2,4-Dinitrotoluene
Concen: 41.280 ng
RT: 14.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.4	32.2	48.2	
89	63.9	52.1	78.1	
182	2.9	2.5	3.7	

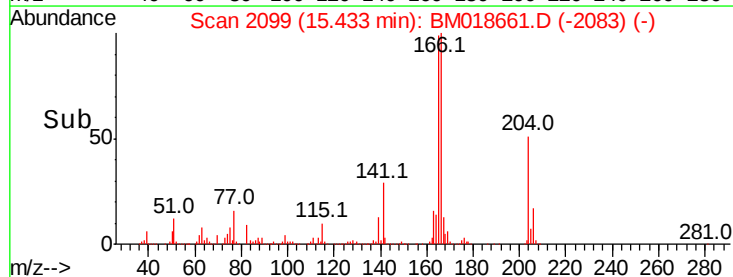
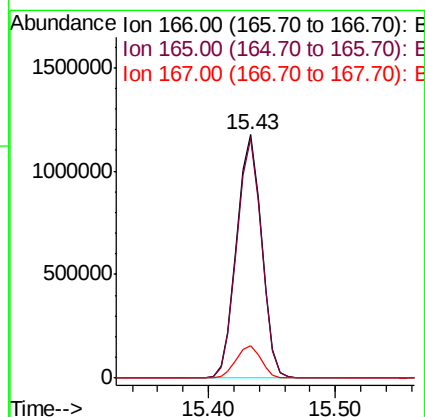
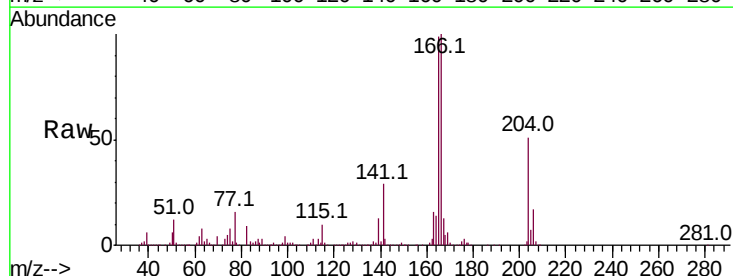
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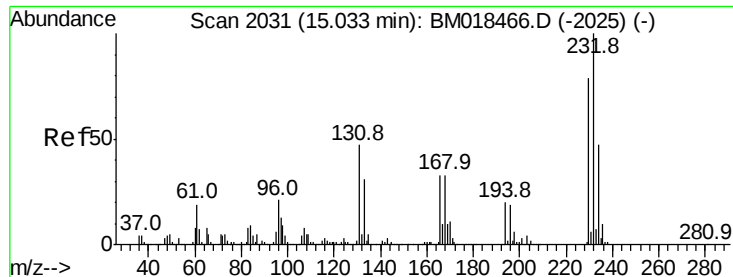
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#58
Fluorene
Concen: 40.969 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	78.3	117.5	
167	13.3	10.9	16.3	





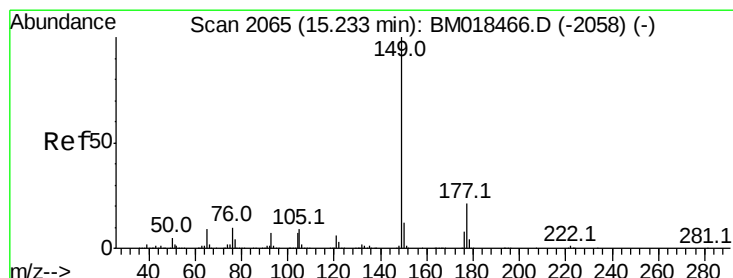
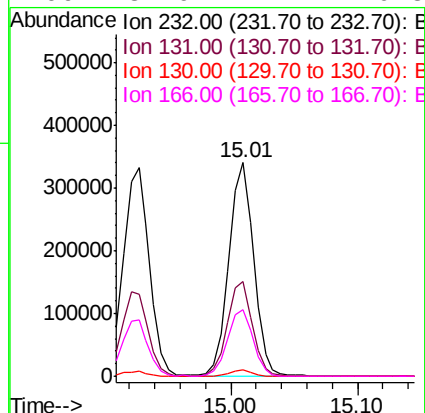
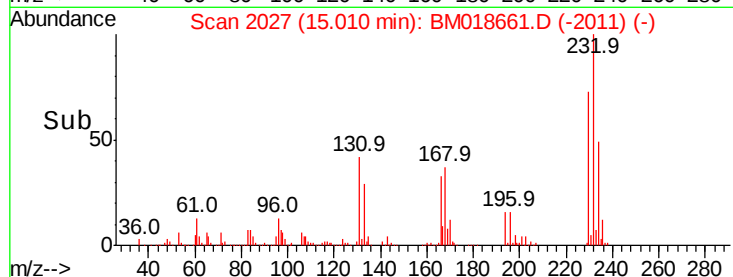
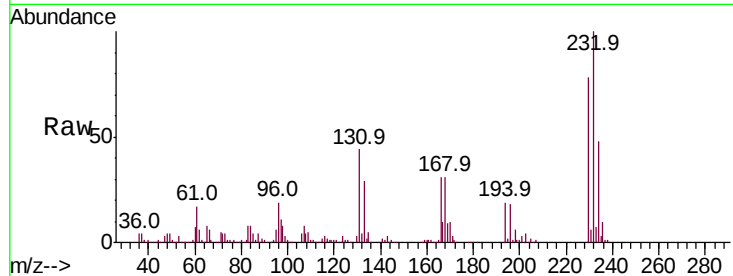
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.957 ng
 RT: 15.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	38.6	57.8
130	2.5	2.2	3.4
166	31.9	27.2	40.8

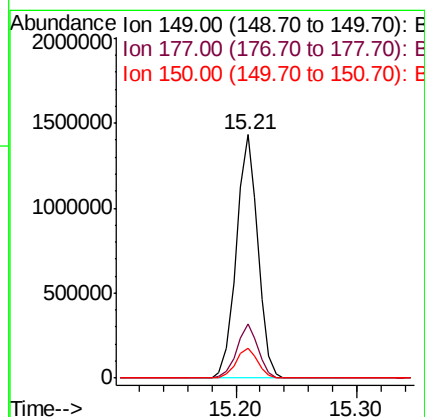
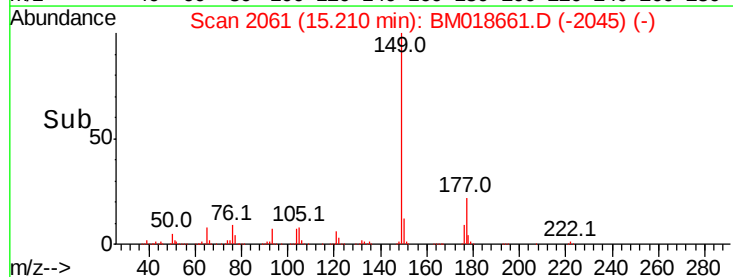
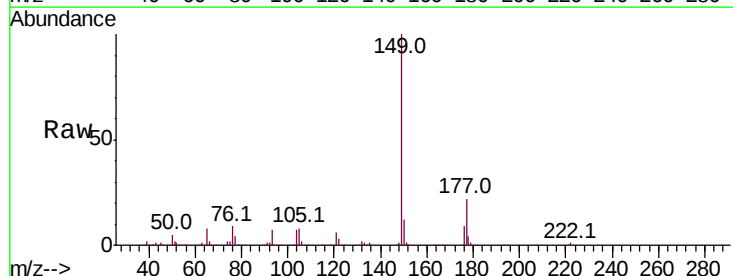
Manual Integrations
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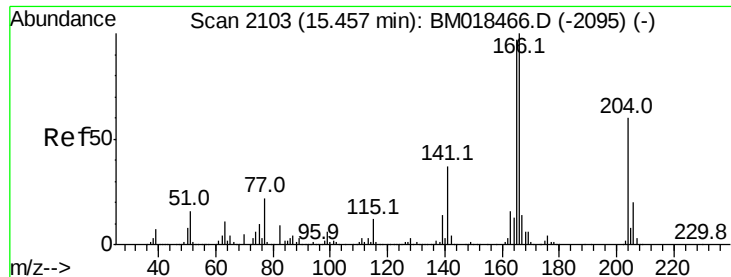
mohammad
 1/29/2019 12:29:47 AM



#60
 Diethylphthalate
 Concen: 40.720 ng
 RT: 15.21 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.4	9.8	14.6





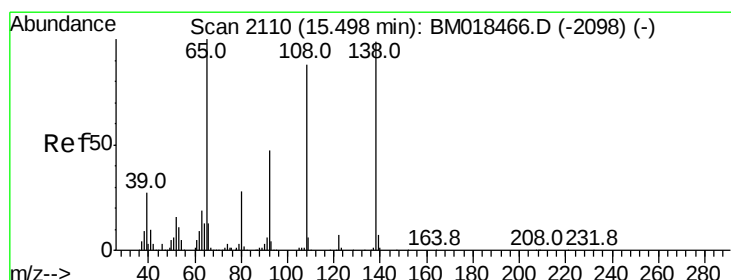
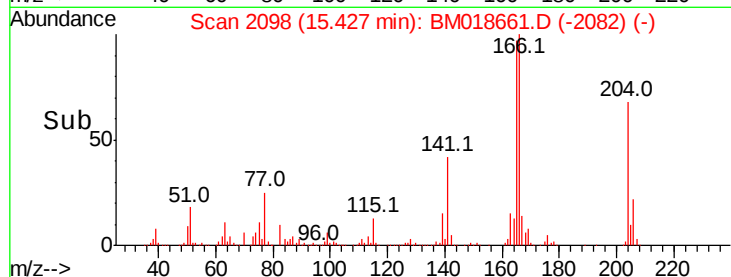
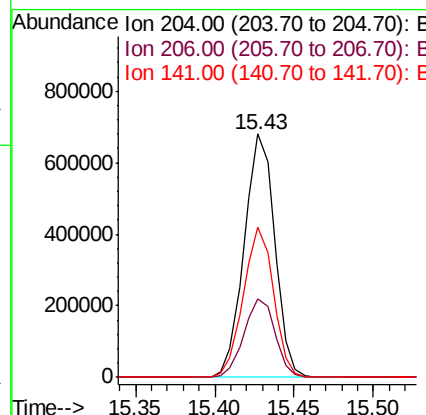
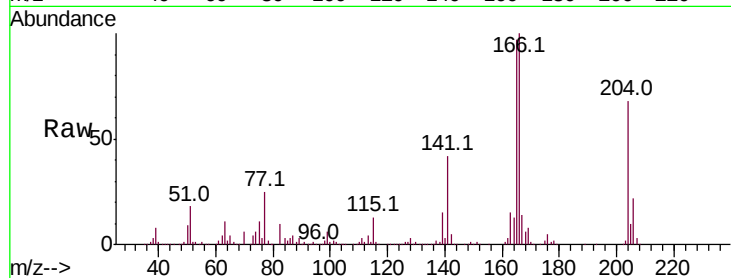
#61
4-Chlorophenyl-phenylether
Concen: 40.521 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.6
141	61.6	49.5	74.3

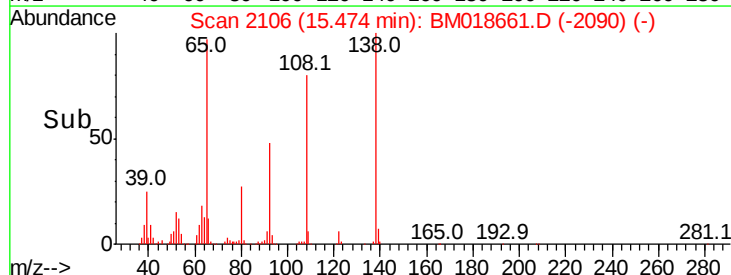
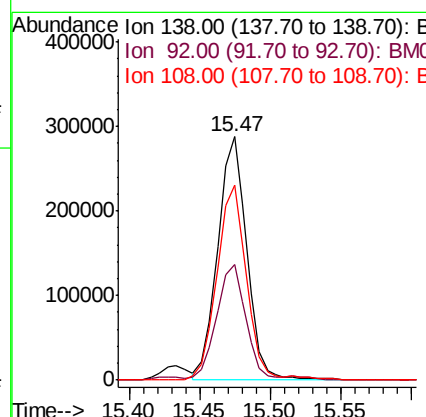
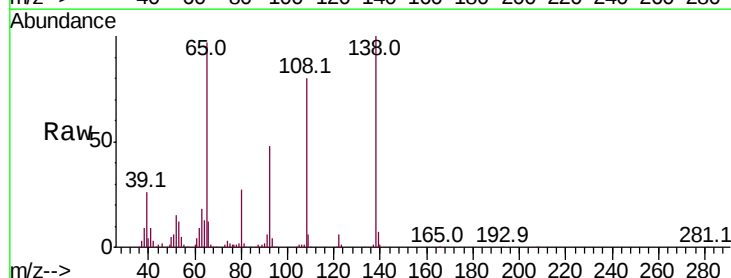
Manual Integrations
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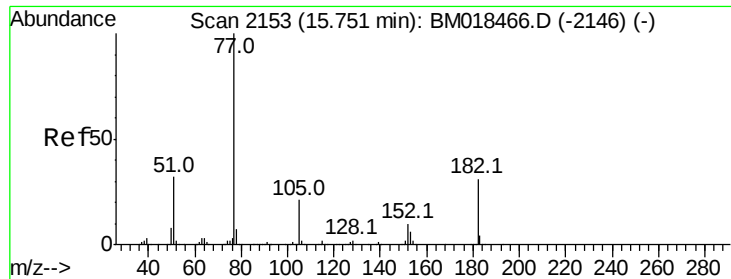
mohammad
1/29/2019 12:29:47 AM



#62
4-Nitroaniline
Concen: 40.685 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	29.0	69.0
108	79.9	63.9	103.9





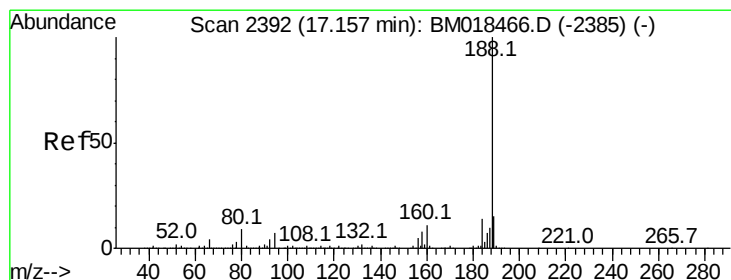
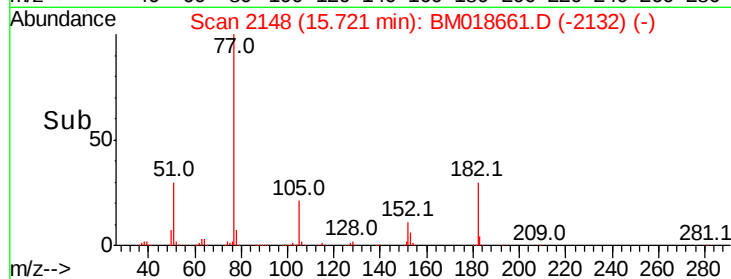
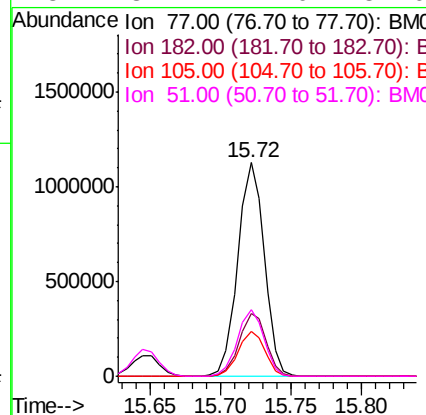
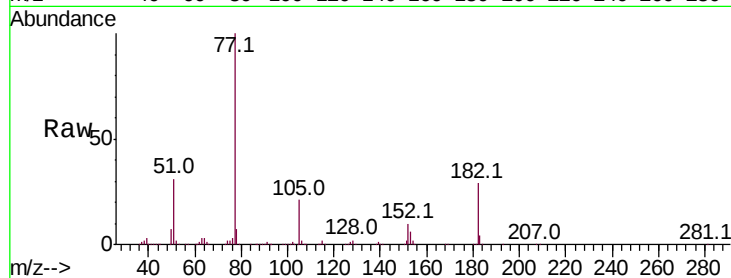
#63
Azobenzene
Concen: 41.519 ng
RT: 15.72 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.4	47.4
105	21.2	0.0	39.6
51	31.2	12.0	52.0

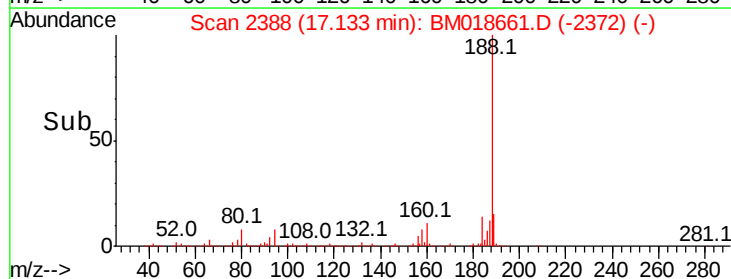
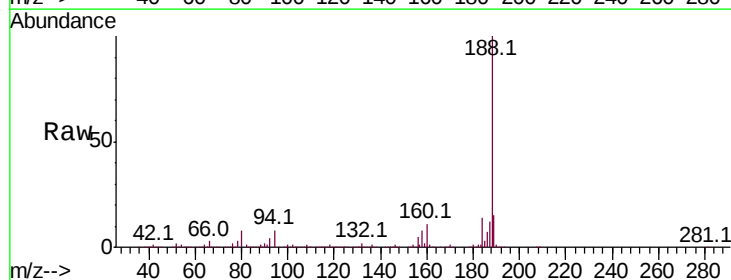
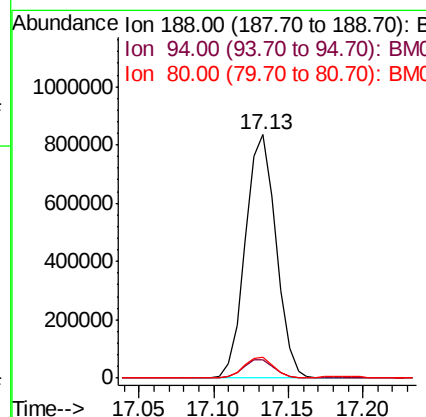
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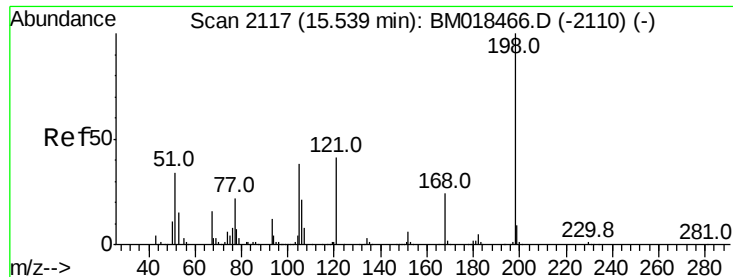
mohammad
1/29/2019 12:29:47 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.1	10.7
80	8.3	7.6	11.4





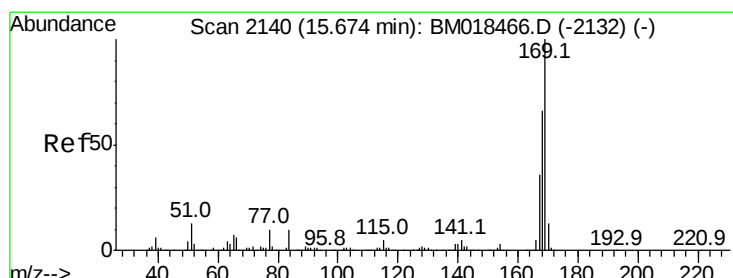
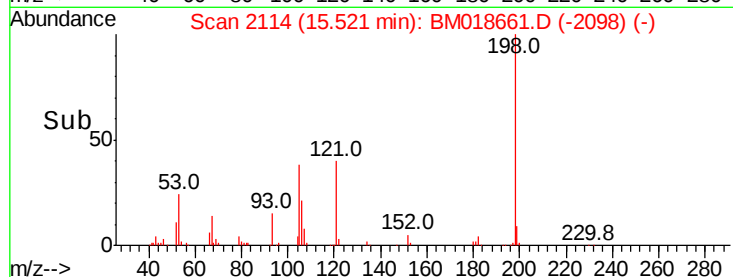
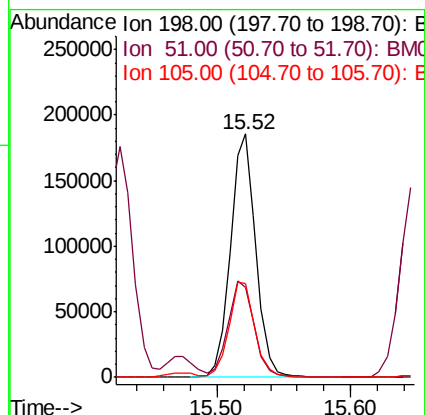
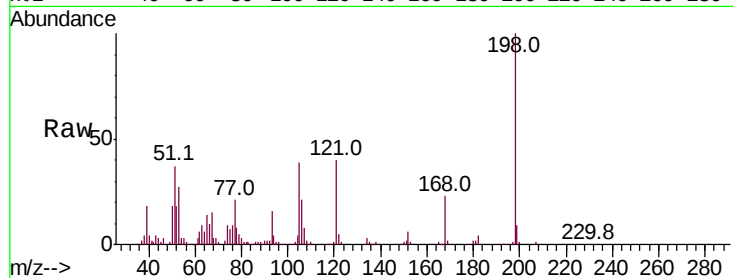
#65
4,6-Dinitro-2-methylphenol
Concen: 34.208 ng
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
198	100	246097		
51	37.2	29.6	69.6	
105	38.7	25.5	65.5	

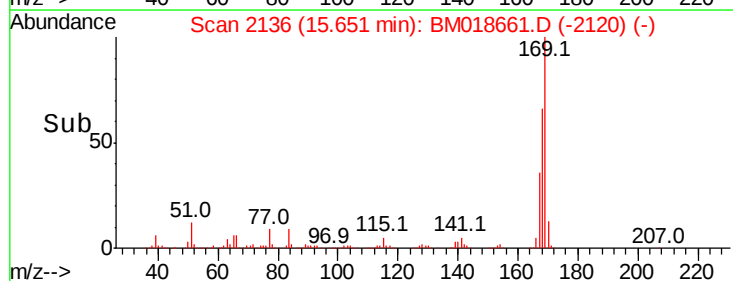
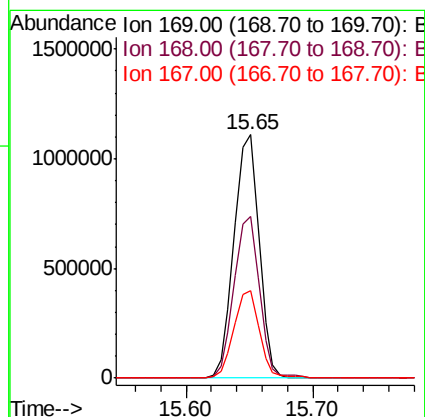
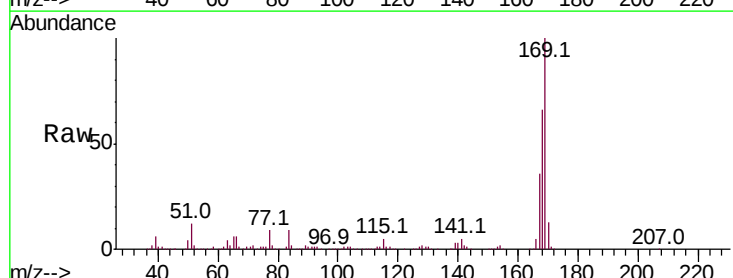
Manual Integrations
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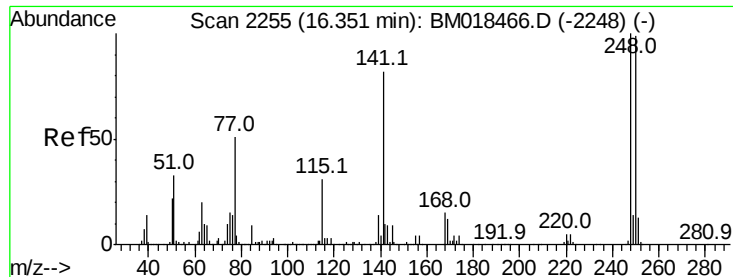
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.110 ng
RT: 15.65 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1516718		
168	66.2	54.1	81.1	
167	35.9	28.6	42.8	





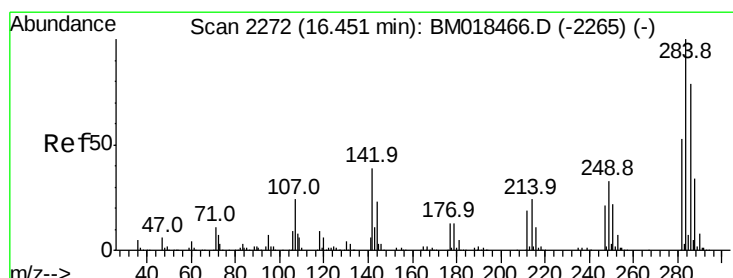
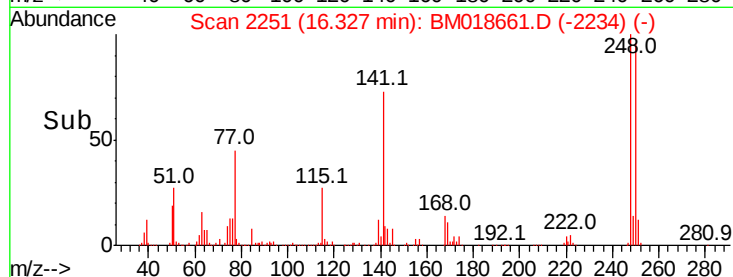
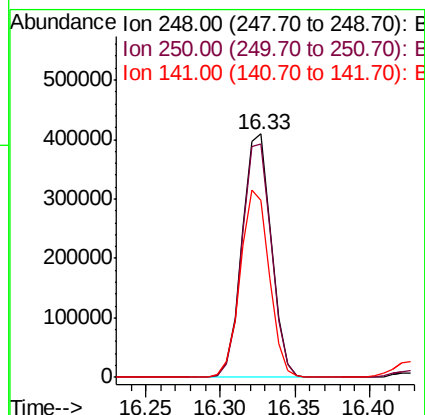
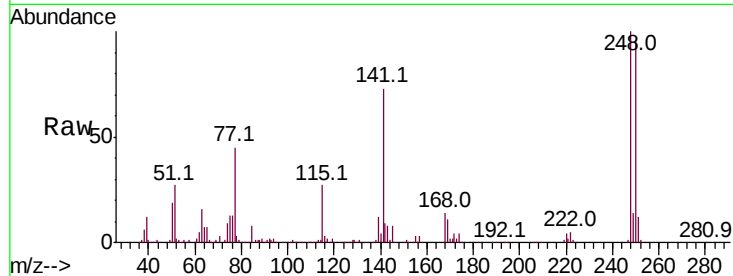
#67
4-Bromophenyl-phenylether
Concen: 41.534 ng
RT: 16.33 min Scan# 2251
Delta R.T. -0.00 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleID :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	76.0	114.0
141	72.5	61.5	92.3

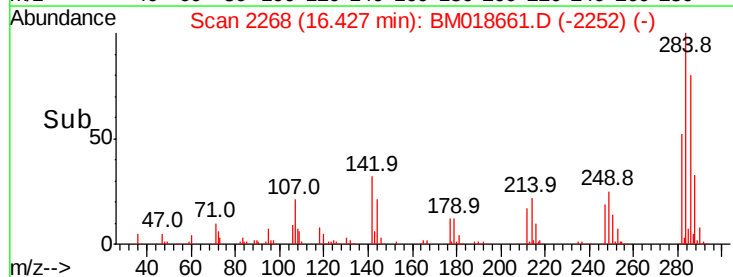
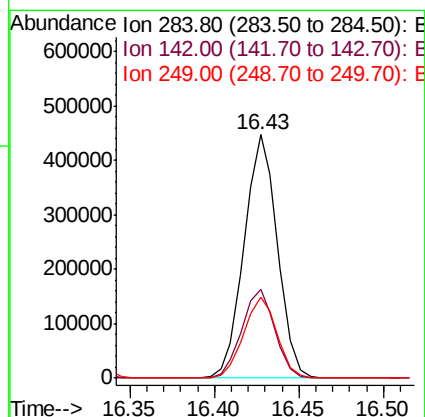
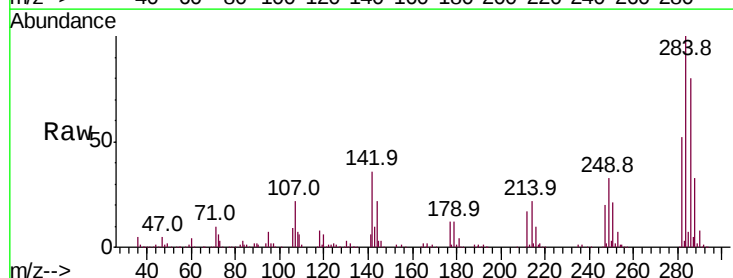
Manual Integrations
APPROVED

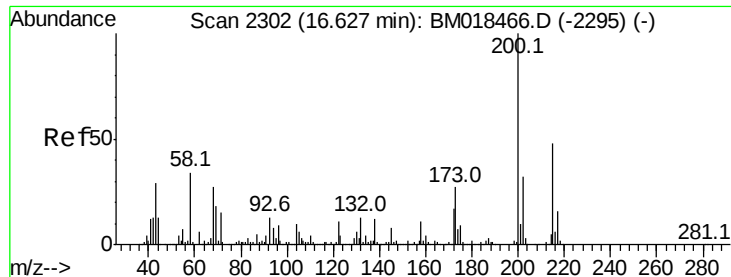
mohammad
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#68
Hexachlorobenzene
Concen: 41.001 ng
RT: 16.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.2	43.8
249	33.3	26.1	39.1





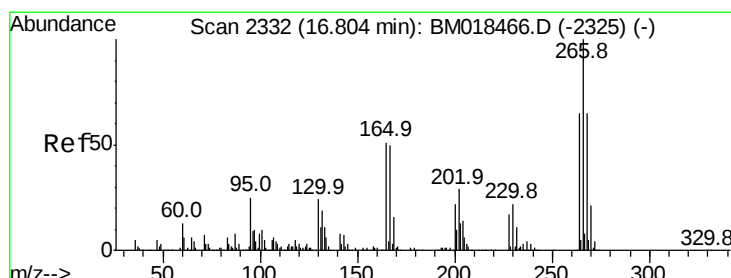
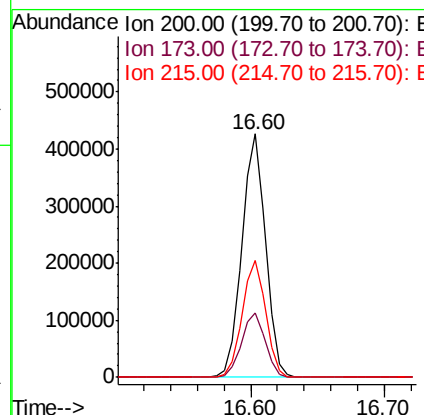
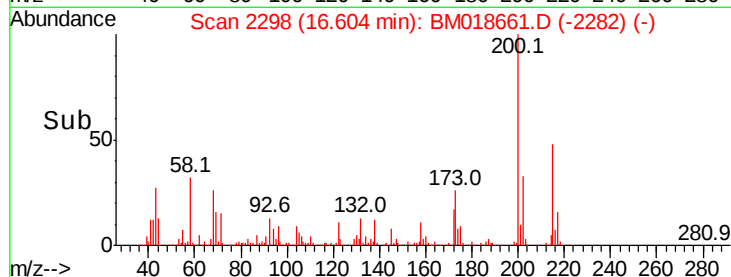
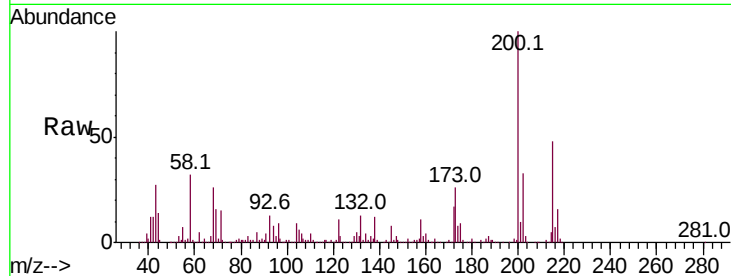
#69
Atrazine
Concen: 39.292 ng
RT: 16.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.4	7.2	47.2	
215	48.1	28.3	68.3	

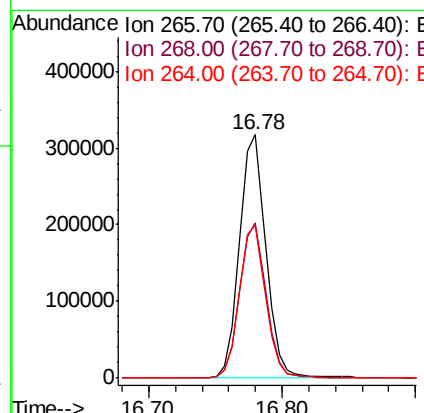
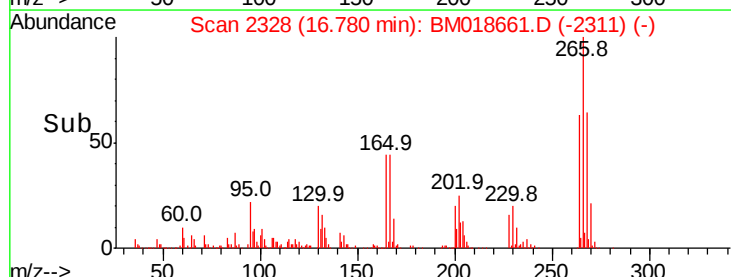
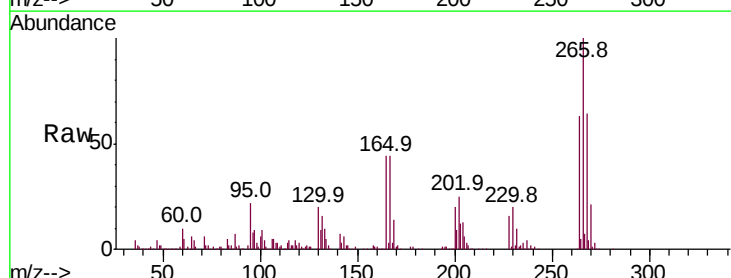
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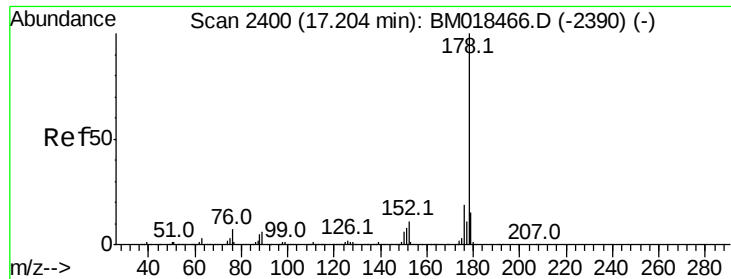
mohammad
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#70
Pentachlorophenol
Concen: 45.122 ng
RT: 16.78 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.9	49.8	74.6	
264	62.6	50.1	75.1	





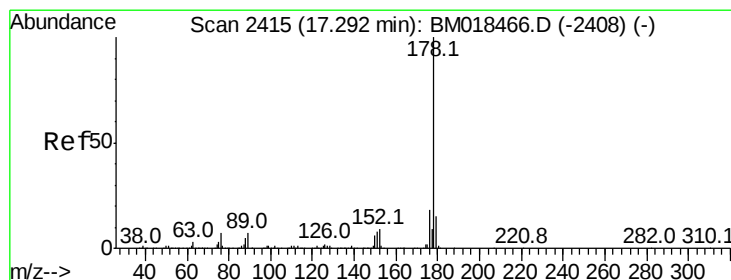
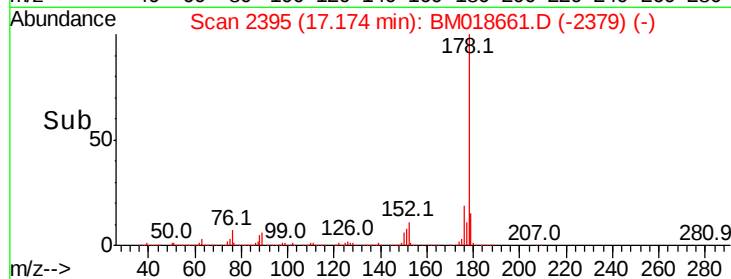
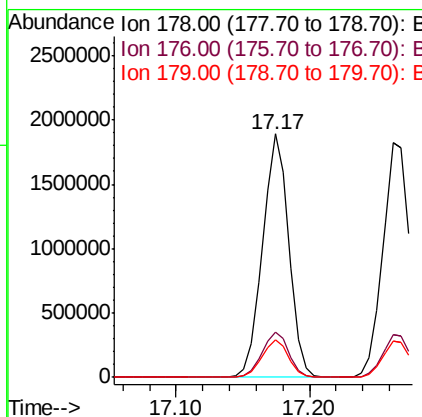
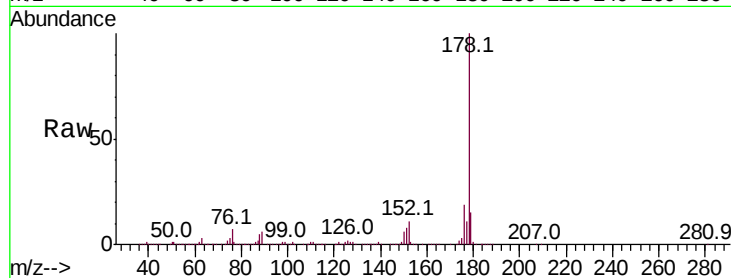
#71
Phenanthrene
Concen: 40.425 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.2	12.2	18.4

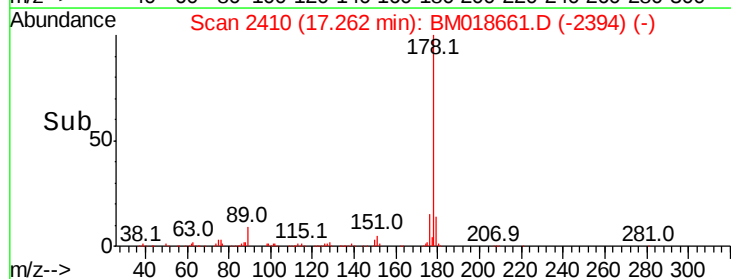
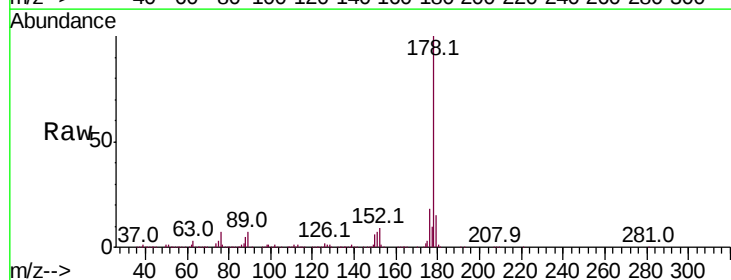
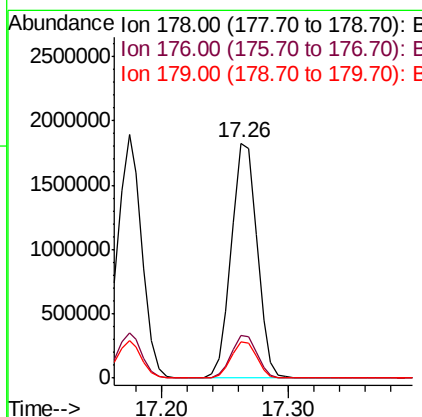
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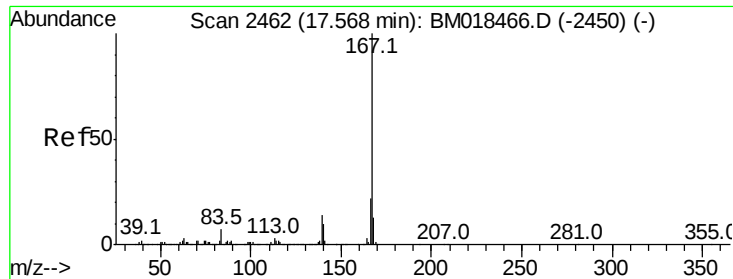
mohammad
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#72
Anthracene
Concen: 42.031 ng
RT: 17.26 min Scan# 2410
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.4	12.2	18.4





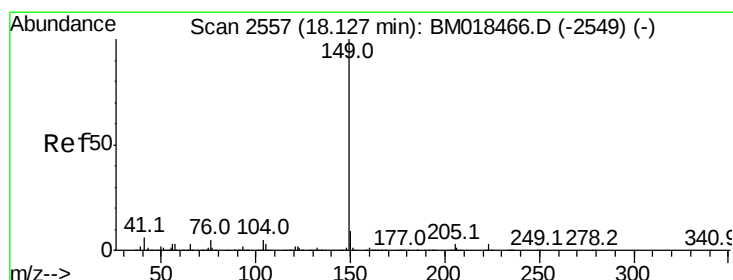
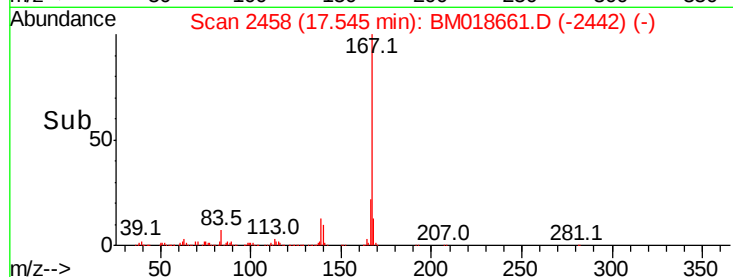
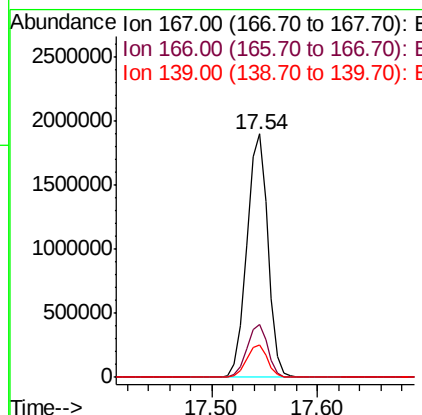
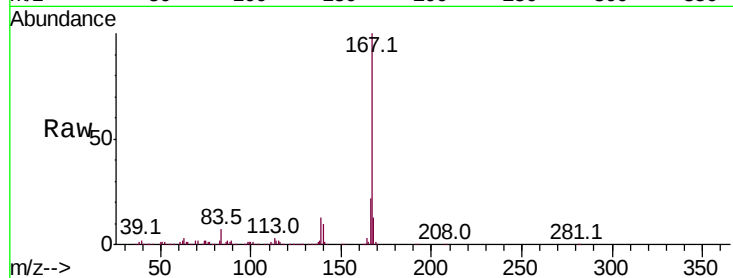
#73
 Carbazole
 Concen: 41.834 ng
 RT: 17.54 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.4	26.2
139	13.4	10.6	16.0

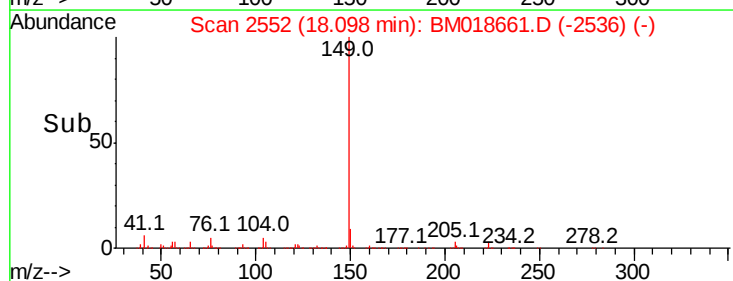
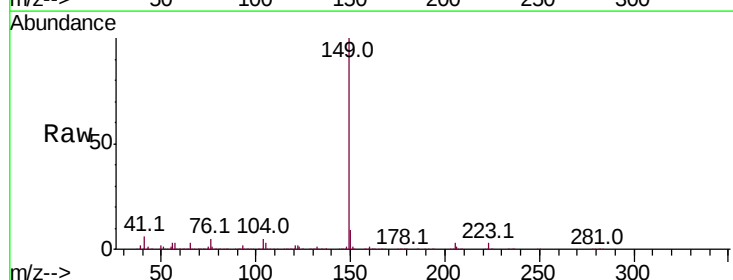
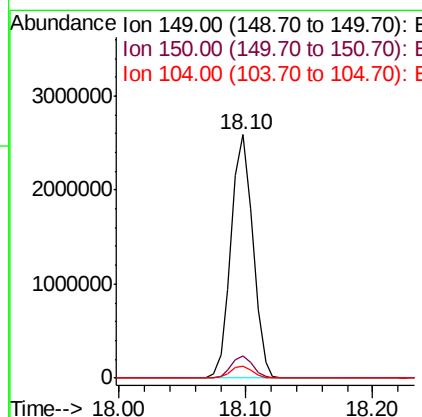
Manual Integrations
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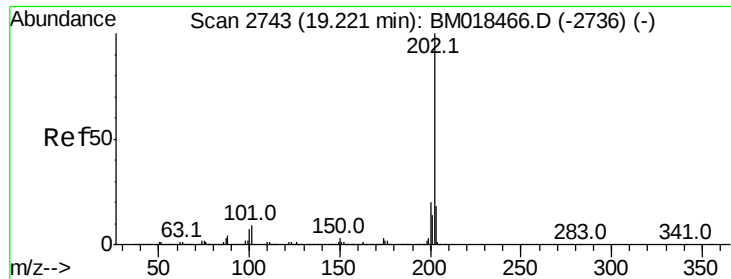
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#74
 Di-n-butylphthalate
 Concen: 44.932 ng
 RT: 18.10 min Scan# 2552
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	4.9	4.2	6.4





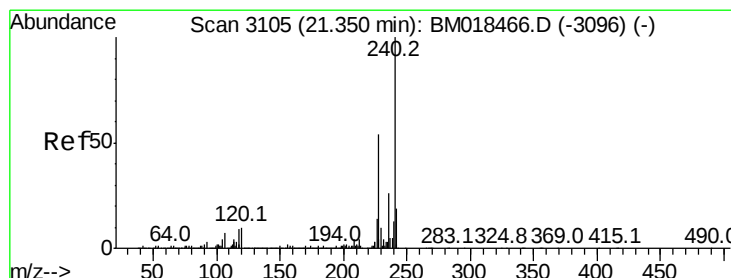
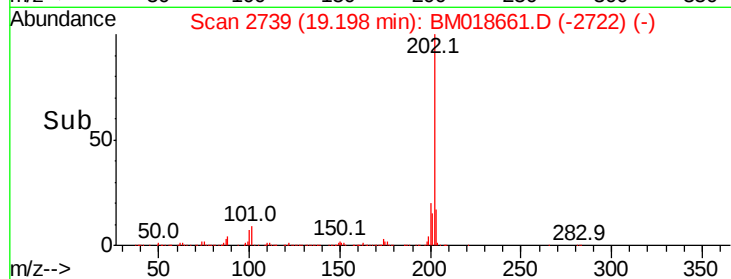
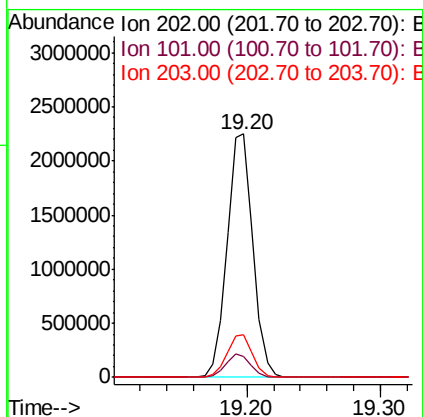
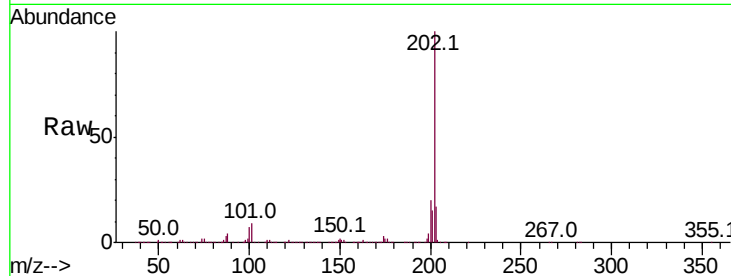
#75
 Fluoranthene
 Concen: 41.592 ng
 RT: 19.20 min Scan# 2739
 Delta R.T. -0.00 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.9
203	17.4	0.0	37.4

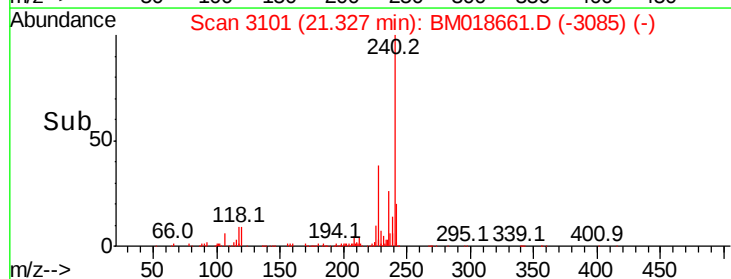
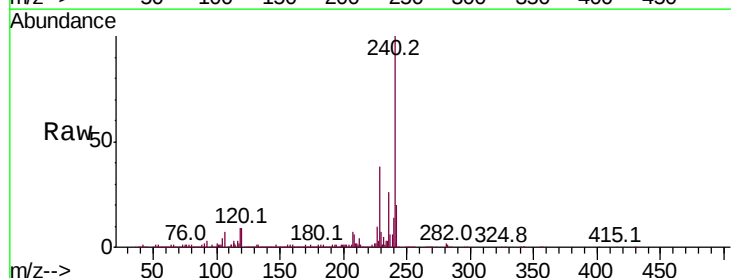
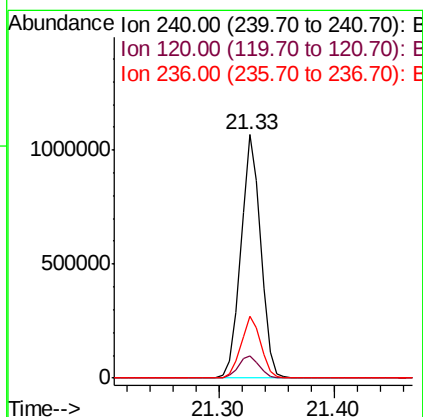
Manual Integrations
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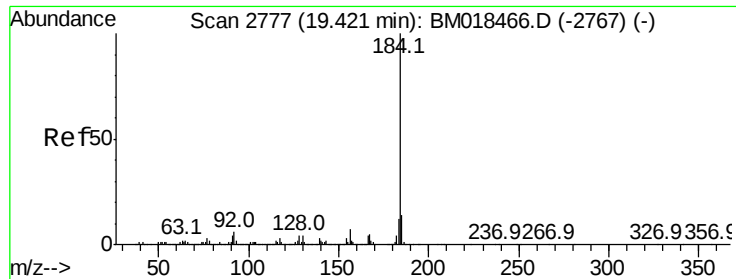
mohammad
 1/29/2019 12:29:47 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.33 min Scan# 3101
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.4	12.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 47.237 ng

RT: 19.39 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

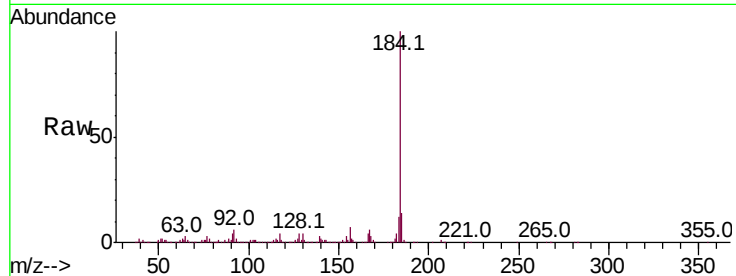
ClientSampleId :

SSTDCCC040EC

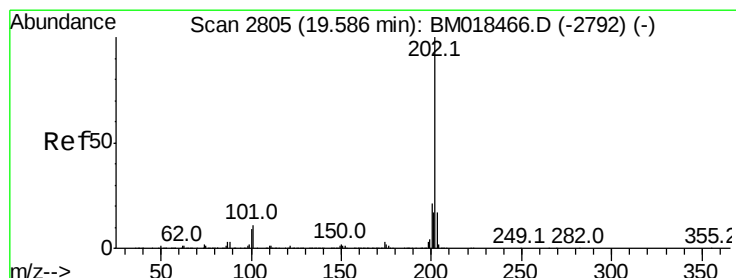
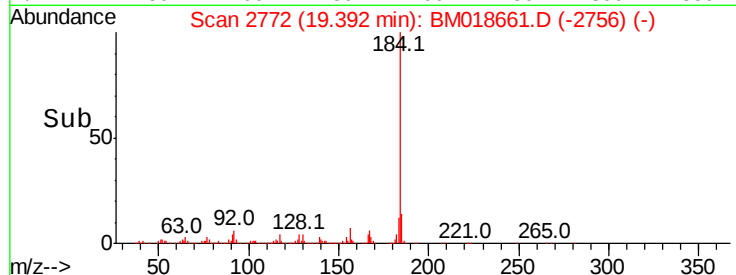
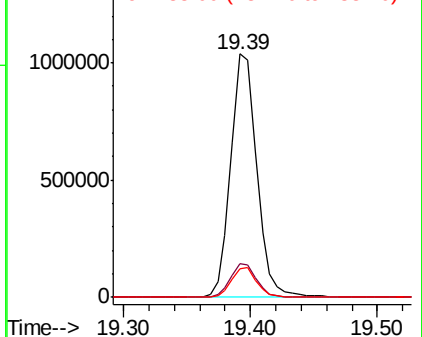
Tot Ion:	184	Resp:	1476712
Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.0
183	11.8	9.5	14.3

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



#78

Pyrene

Concen: 42.523 ng

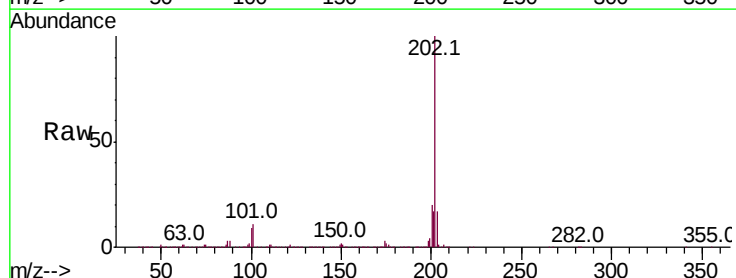
RT: 19.56 min Scan# 2801

Delta R.T. -0.01 min

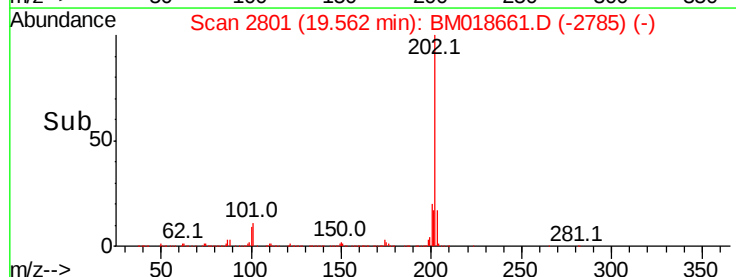
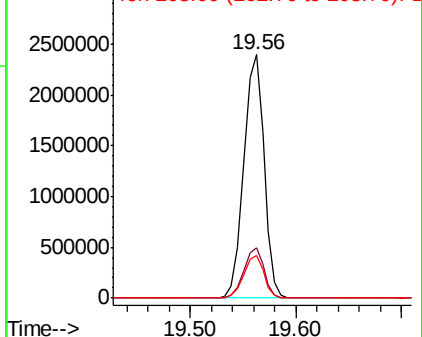
Lab File: BM018661.D

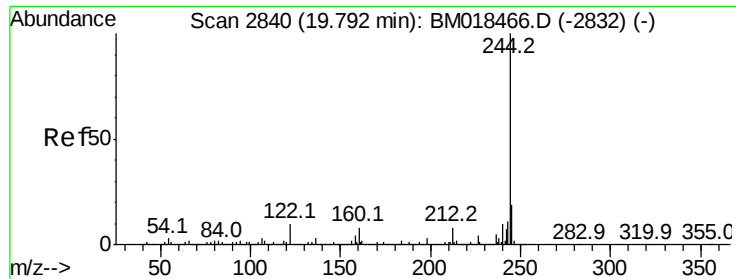
Acq: 25 Jan 2019 20:23

Tgt Ion:	202	Resp:	3191268
Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	24.8
203	17.4	13.8	20.8



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





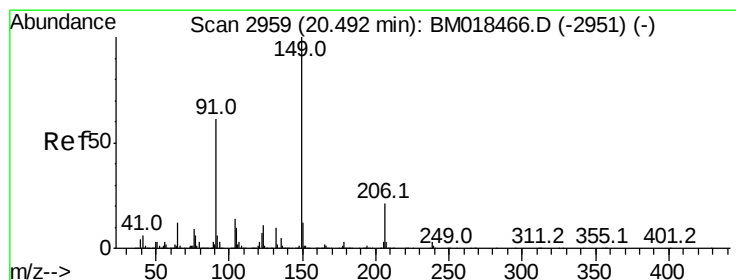
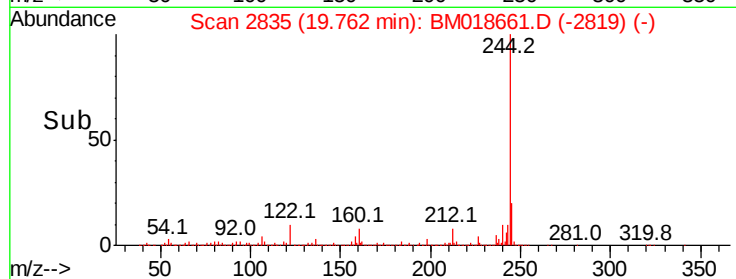
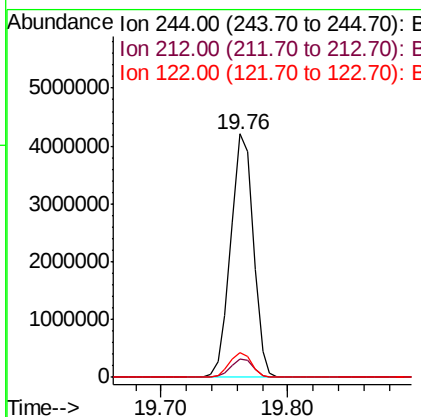
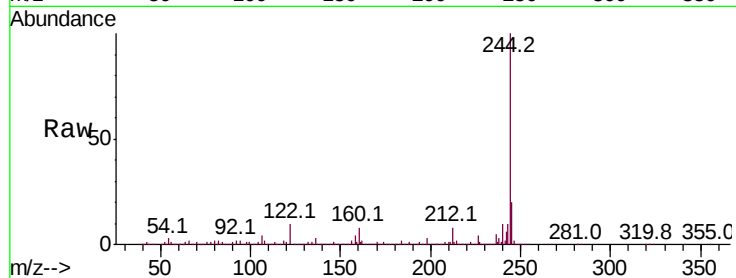
#79
 Terphenyl-d14
 Concen: 85.691 ng
 RT: 19.76 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:244 Resp: 5146630
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.9 8.9
 122 10.1 9.0 13.4

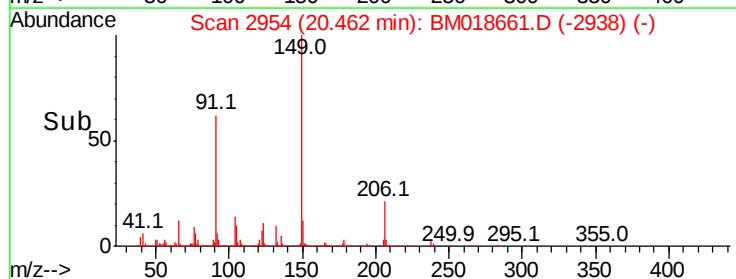
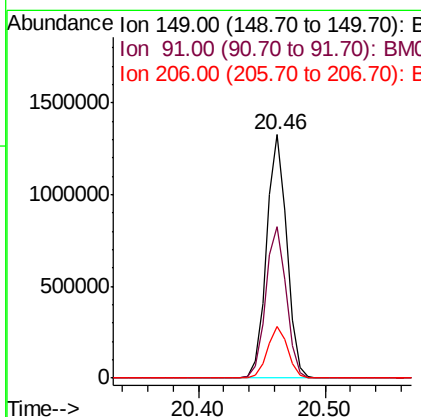
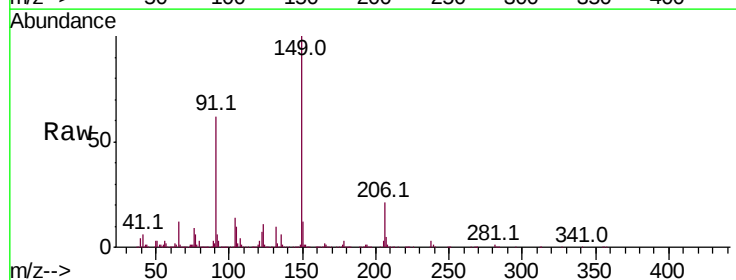
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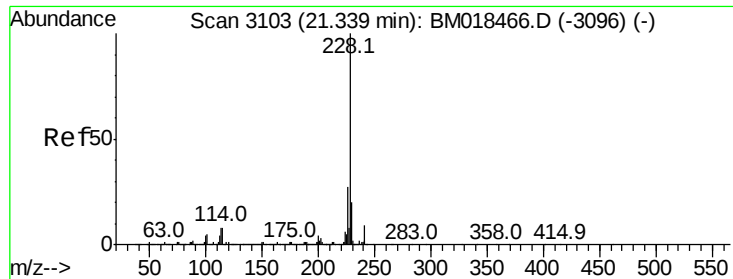
mohammad
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#80
 Butylbenzylphthalate
 Concen: 45.633 ng
 RT: 20.46 min Scan# 2954
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Tgt Ion:149 Resp: 1461347
 Ion Ratio Lower Upper
 149 100
 91 62.1 53.1 79.7
 206 21.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.374 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

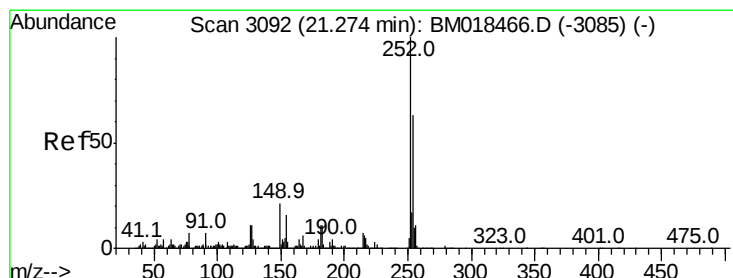
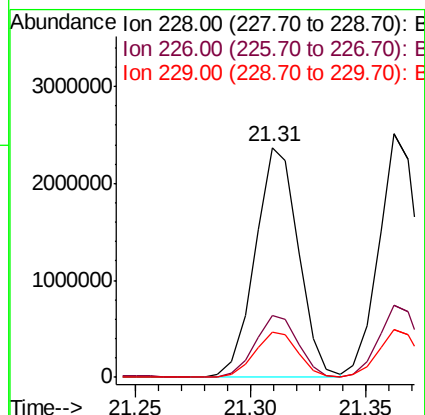
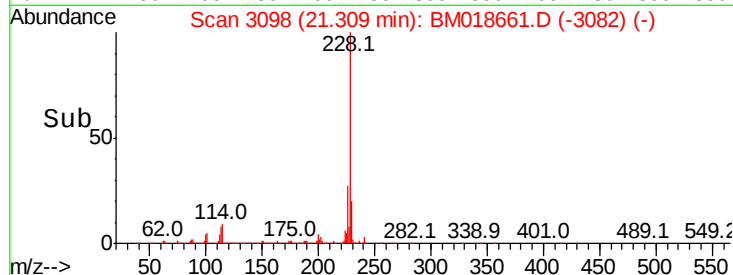
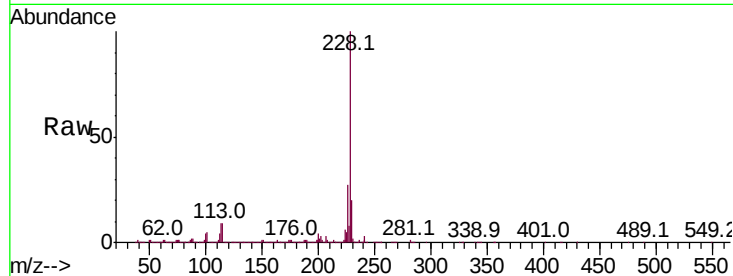
ClientSampleId :

SSTDCCC040EC

Tot Ion:	228	Resp:	3085984
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.6	15.8	23.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 44.552 ng

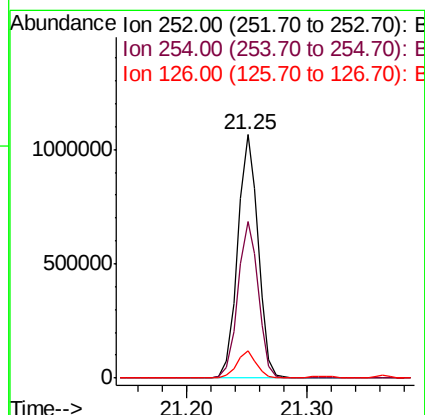
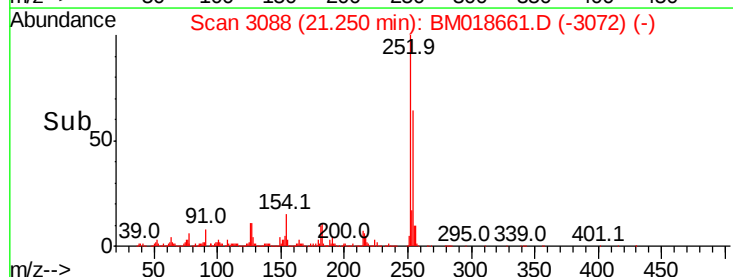
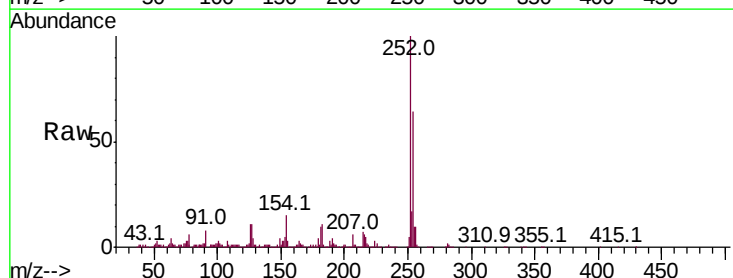
RT: 21.25 min Scan# 3088

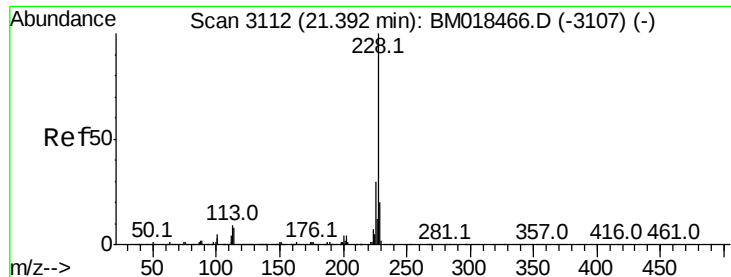
Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Tgt Ion:	252	Resp:	1256599
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.0
126	11.0	8.7	13.1





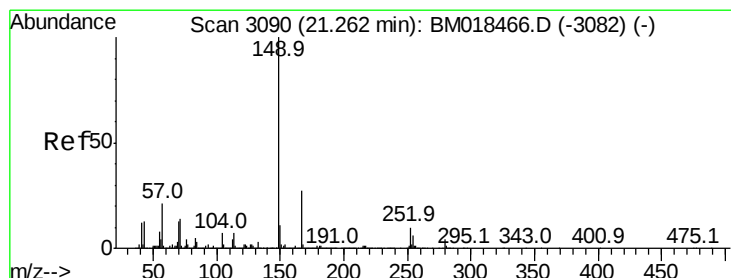
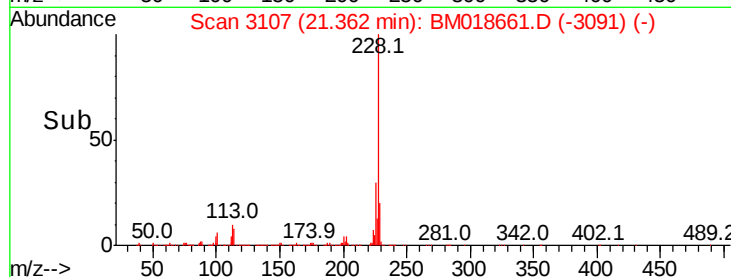
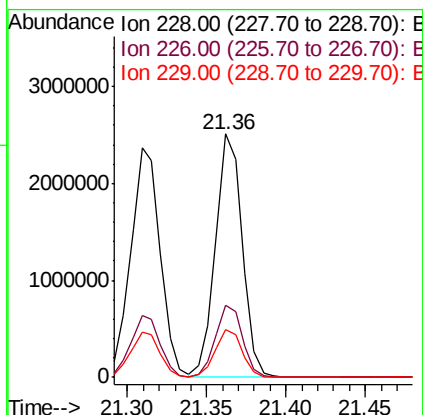
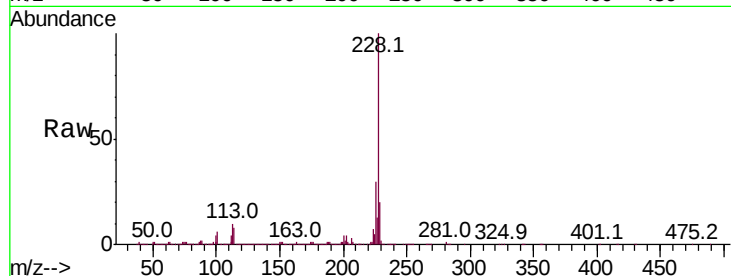
#83
 Chrvsene
 Concen: 40.815 ng
 RT: 21.36 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	19.6	15.6	23.4

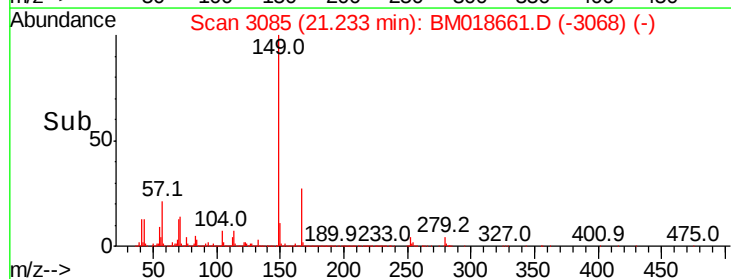
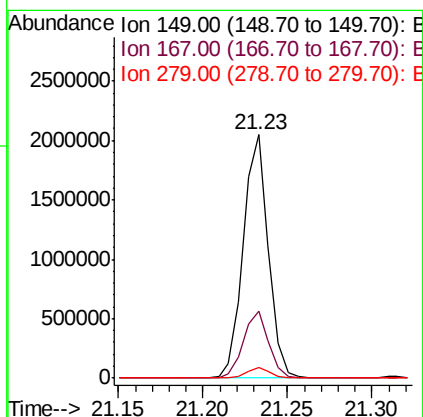
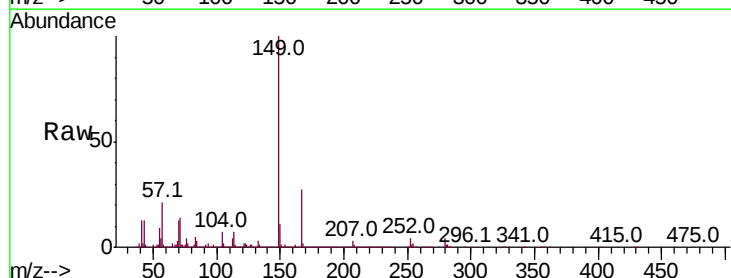
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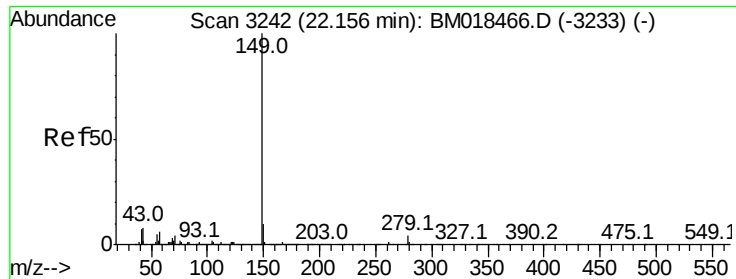
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.632 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM018661.D
 Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.6	32.4
279	4.4	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 45.815 ng

RT: 22.12 min Scan# 3236

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

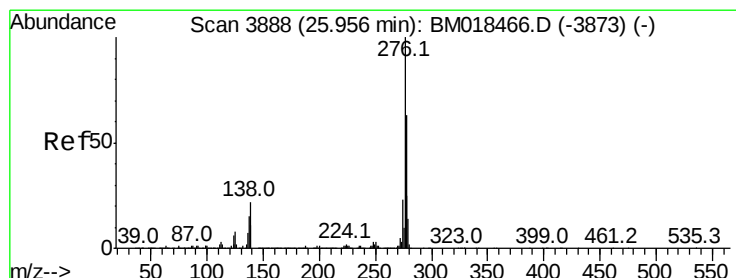
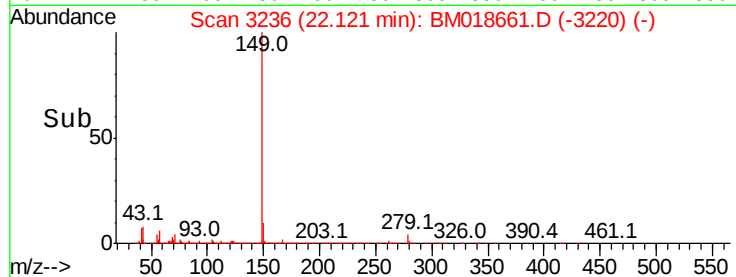
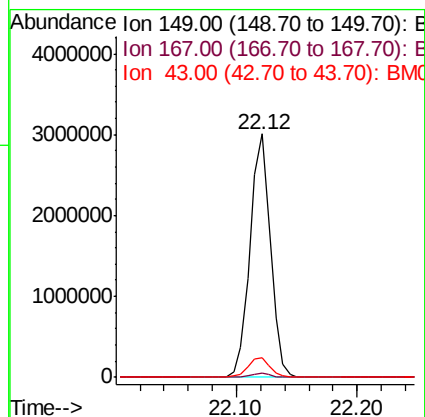
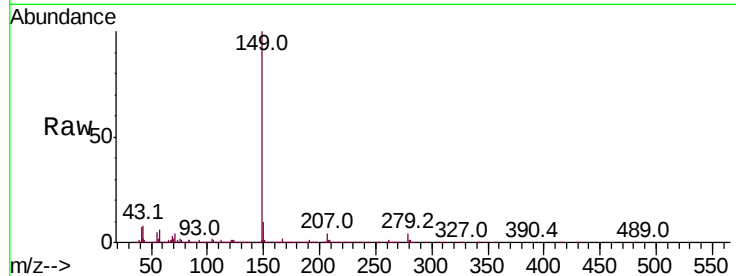
ClientSampleId :

SSTDCCC040EC

Tot Ion:	149	Resp:	3563271
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.5	8.6	12.8#

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 40.999 ng

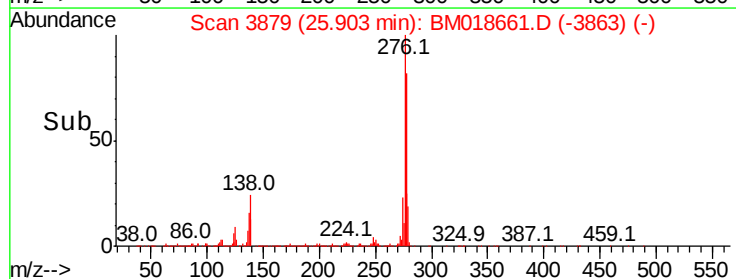
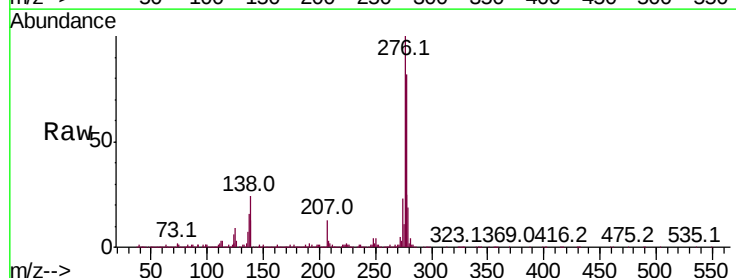
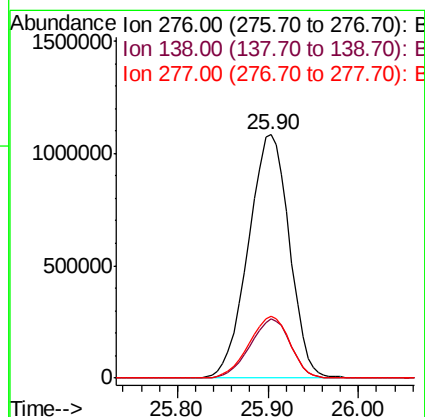
RT: 25.90 min Scan# 3879

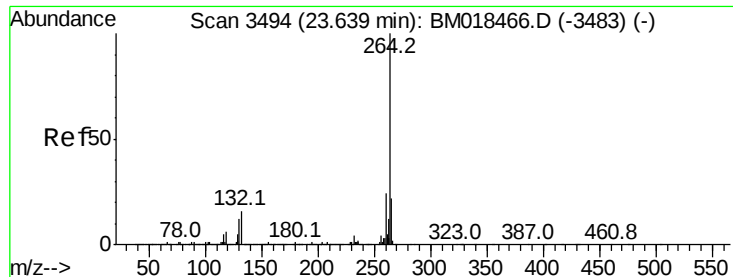
Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Tgt Ion:	276	Resp:	3405128
Ion Ratio	Lower	Upper	
276	100		
138	23.9	21.5	32.3
277	25.3	20.2	30.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.60 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040EC

Tot Ion:264 Resp: 1275883

Ion Ratio Lower Upper

264 100

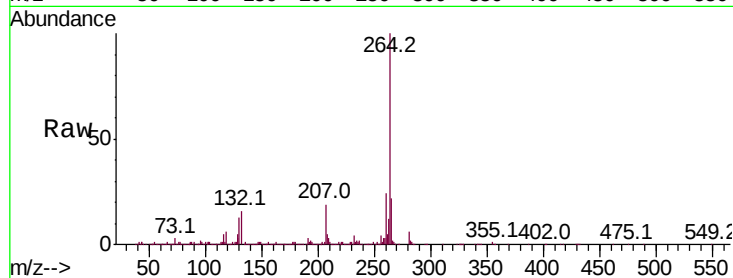
260 23.7 18.9 28.3

265 21.8 16.8 25.2

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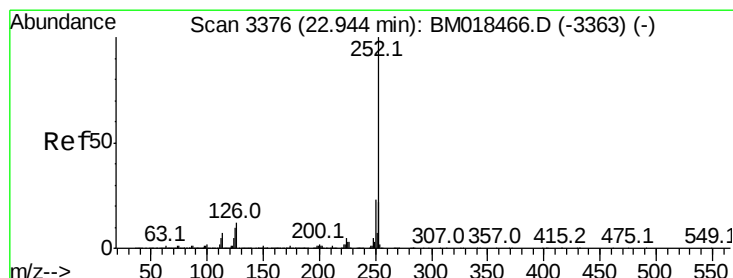
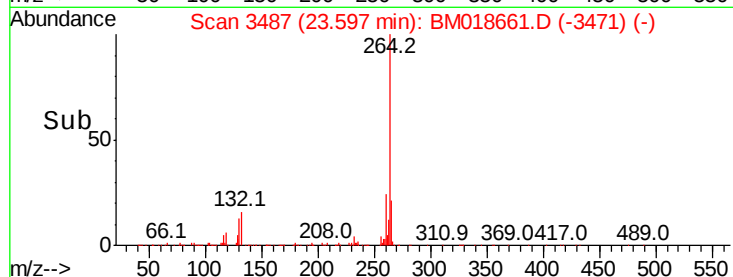
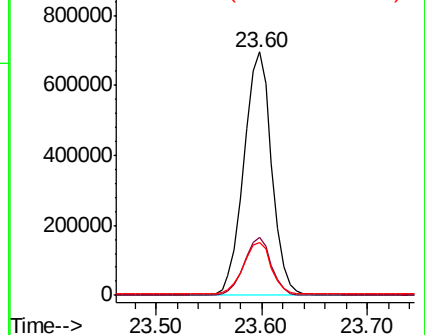
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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.699 ng

RT: 22.91 min Scan# 3371

Delta R.T. -0.00 min

Lab File: BM018661.D

Acq: 25 Jan 2019 20:23

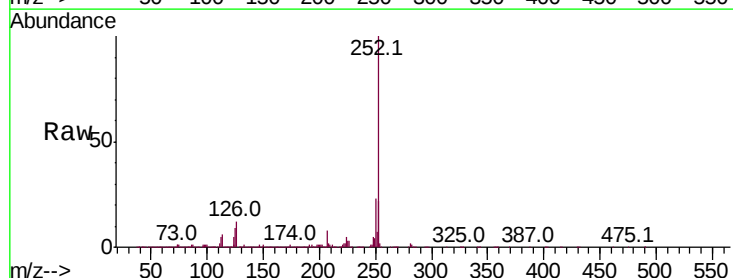
Tgt Ion:252 Resp: 2948040

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

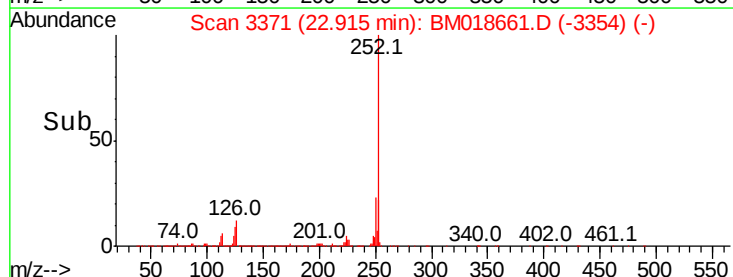
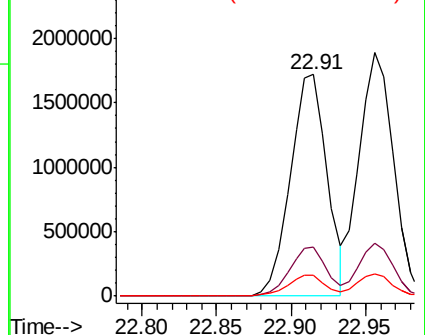
125 9.3 8.5 12.7

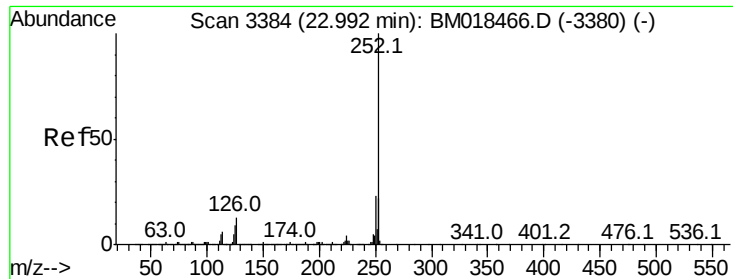


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





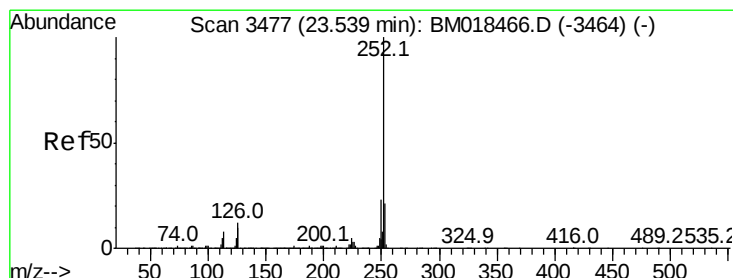
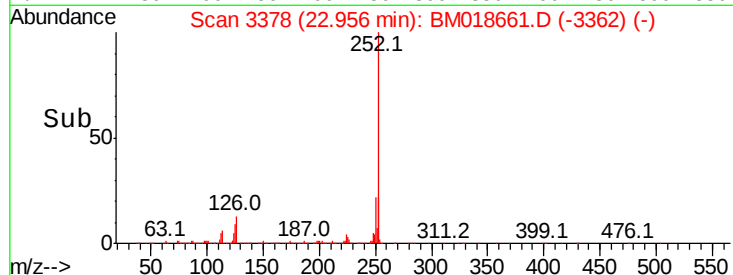
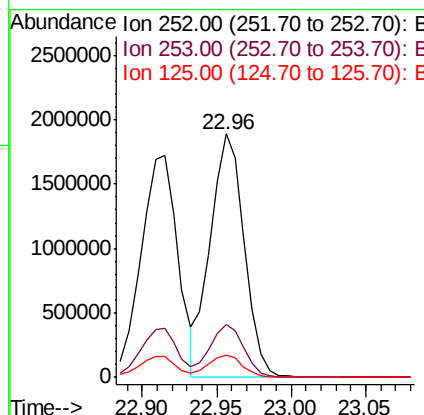
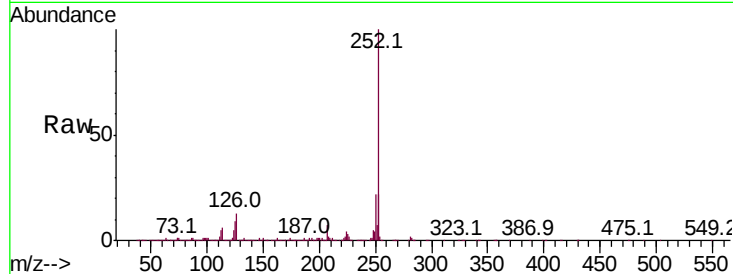
#89
Benzo(k)fluoranthene
Concen: 40.923 ng
RT: 22.96 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.3	8.6	12.8

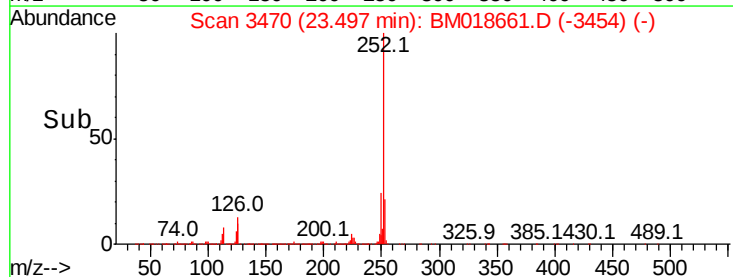
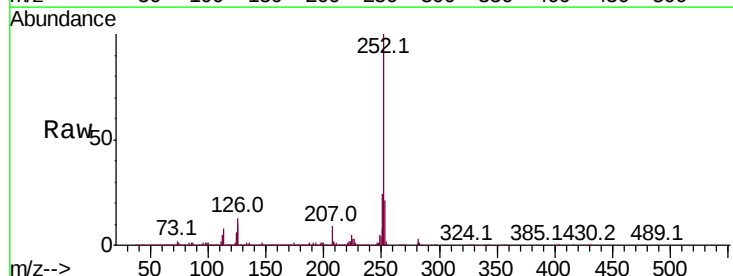
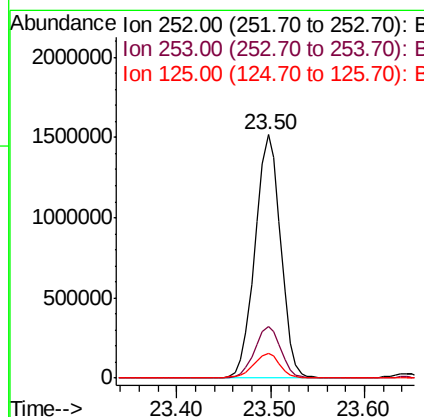
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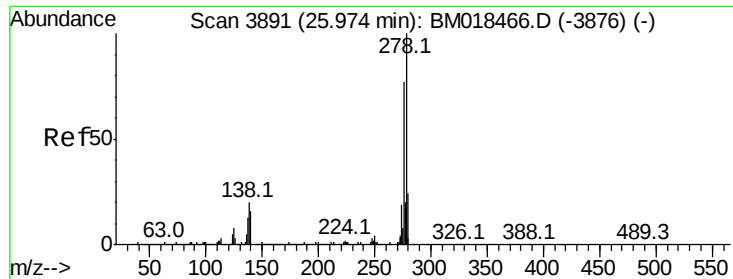
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#90
Benzo(a)pyrene
Concen: 41.249 ng
RT: 23.50 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	10.4	9.7	14.5





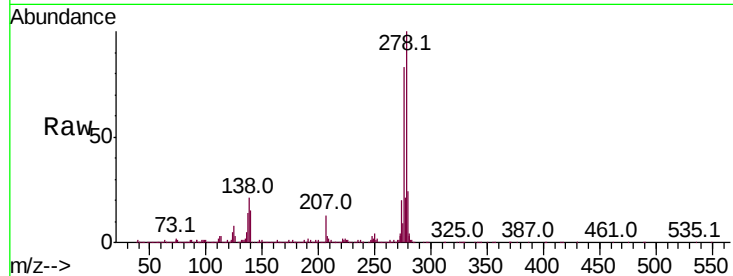
#91
Dibenzo(a,h)anthracene
Concen: 41.042 ng
RT: 25.91 min Scan# 3881
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	13.2	19.8
279	23.9	19.0	28.4

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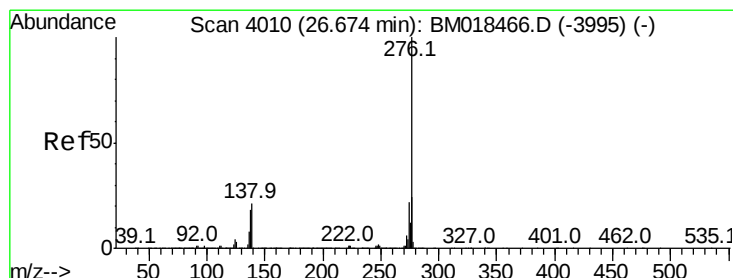
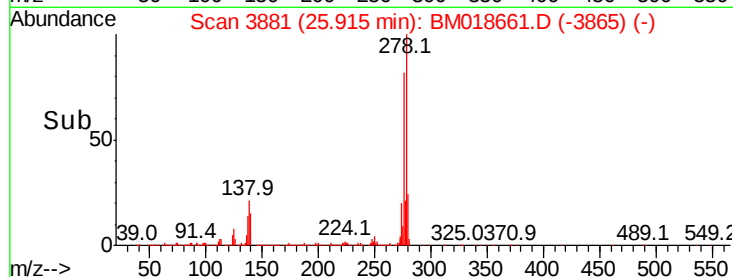
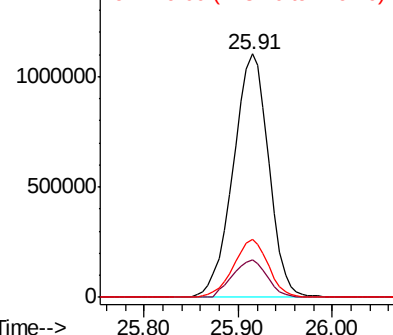


Abundance

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: 41.092 ng
RT: 26.61 min Scan# 3999
Delta R.T. -0.01 min
Lab File: BM018661.D
Acq: 25 Jan 2019 20:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	20.2	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

