

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012819\
 Data File : BM018663.D
 Acq On : 28 Jan 2019 14:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/29/2019 10:06:34 AM

Quant Time: Jan 28 15:13:40 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	236995	20.00	ng	-0.01
21) Naphthalene-d8	10.52	136	870592	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	459836	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1004852	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1074768	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1096080	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1044221	81.36	ng	-0.01
7) Phenol-d6	6.90	99	1266983	77.72	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1177021	78.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	470122	80.29	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	2750167	78.04	ng	-0.01
79) Terphenyl-d14	19.76	244	4119544	80.80	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.26	88	205124	39.212	ng	97
3) Pyridine	3.66	79	513178	39.348	ng	96
4) n-Nitrosodimethylamine	3.58	42	211824	39.277	ng	# 94
6) Aniline	7.06	93	733787	40.352	ng	99
8) 2-Chlorophenol	7.29	128	583905	38.953	ng	96
9) Benzaldehyde	6.88	77	321285	32.487	ng	97
10) Phenol	6.93	94	633170	38.223	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	494592	37.998	ng	96
12) 1,3-Dichlorobenzene	7.61	146	689443	38.620	ng	97
13) 1,4-Dichlorobenzene	7.76	146	703828	38.899	ng	99
14) 1,2-Dichlorobenzene	8.08	146	661368	38.549	ng	99
15) Benzyl Alcohol	7.98	79	454655	38.615	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	626490	37.663	ng	95
17) 2-Methylphenol	8.17	107	428416	38.100	ng	98
18) Hexachloroethane	8.79	117	248120	38.460	ng	94
19) n-Nitroso-di-n-propylamine	8.53	70	383063	36.108	ng	95
20) 3+4-Methylphenols	8.50	107	588938	37.940	ng	98
22) Acetophenone	8.56	105	821708	38.155	ng	# 98
24) Nitrobenzene	8.93	77	576218	38.996	ng	97
25) Isophorone	9.45	82	862860	37.943	ng	98
26) 2-Nitrophenol	9.64	139	309226	43.279	ng	97
27) 2,4-Dimethylphenol	9.69	122	415027	38.754	ng	99
28) bis(2-Chloroethoxy)methane	9.94	93	596889	37.994	ng	99
29) 2,4-Dichlorophenol	10.17	162	516143	40.474	ng	97
30) 1,2,4-Trichlorobenzene	10.37	180	618784	39.093	ng	98
31) Naphthalene	10.57	128	1615136	38.522	ng	99
32) Benzoic acid	9.83	122	313663m	44.110	ng	
33) 4-Chloroaniline	10.69	127	698283	42.289	ng	99
34) Hexachlorobutadiene	10.83	225	387928	38.794	ng	98
35) Caprolactam	11.49	113	161000	37.134	ng	89
36) 4-Chloro-3-methylphenol	11.81	107	512048	38.273	ng	98
37) 2-Methylnaphthalene	12.18	142	1107190	37.375	ng	99
38) 1-Methylnaphthalene	12.40	142	1061415	37.031	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	637887	39.669	ng	99

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 SSTDC040

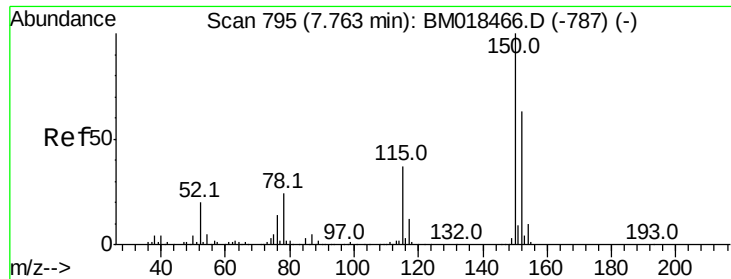
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	497507	56.373	nq	100
43) 2,4,6-Trichlorophenol	12.80	196	403397	41.311	nq	100
44) 2,4,5-Trichlorophenol	12.87	196	424016	41.288	nq	97
46) 1,1'-Biphenyl	13.20	154	1554777	38.724	nq	99
47) 2-Chloronaphthalene	13.25	162	1213788	38.985	nq	99
48) 2-Nitroaniline	13.47	65	317230	41.414	nq	94
49) Acenaphthylene	14.10	152	1765154	38.903	nq	100
50) Dimethylphthalate	13.84	163	1414735	37.461	nq	99
51) 2,6-Dinitrotoluene	13.97	165	317730	39.719	nq	92
52) Acenaphthene	14.44	154	1059769	38.173	nq	98
53) 3-Nitroaniline	14.30	138	333299	41.328	nq	99
54) 2,4-Dinitrophenol	14.50	184	141933	37.026	nq	93
55) Dibenzofuran	14.77	168	1742223	37.981	nq	99
56) 4-Nitrophenol	14.61	139	269690	38.709	nq	95
57) 2,4-Dinitrotoluene	14.75	165	430803	38.062	nq	99
58) Fluorene	15.43	166	1297294	37.965	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	357352	39.257	nq	98
60) Diethylphthalate	15.20	149	1424528	37.365	nq	99
61) 4-Chlorophenyl-phenylether	15.42	204	734660	37.303	nq	99
62) 4-Nitroaniline	15.47	138	324513	36.890	nq	96
63) Azobenzene	15.72	77	1190363	38.296	nq	99
65) 4,6-Dinitro-2-methylphenol	15.52	198	246183	39.511	nq	87
66) n-Nitrosodiphenylamine	15.65	169	1228058	39.399	nq	99
67) 4-Bromophenyl-phenylether	16.32	248	436683	38.834	nq	96
68) Hexachlorobenzene	16.42	284	486880	38.676	nq	100
69) Atrazine	16.60	200	427714	37.957	nq	97
70) Pentachlorophenol	16.77	266	401347	48.681	nq	99
71) Phenanthrene	17.17	178	2050288	38.361	nq	99
72) Anthracene	17.26	178	2014109	39.188	nq	100
73) Carbazole	17.54	167	2065072	39.108	nq	99
74) Di-n-butylphthalate	18.09	149	2368385	40.947	nq	100
75) Fluoranthene	19.19	202	2373965	38.525	nq	97
77) Benzidine	19.39	184	1025537	38.645	nq	99
78) Pyrene	19.56	202	2516673	39.504	nq	100
80) Butylbenzylphthalate	20.46	149	1112938	40.940	nq	96
81) Benzo(a)anthracene	21.30	228	2447817	38.660	nq	100
82) 3,3'-Dichlorobenzidine	21.24	252	976053	40.766	nq	100
83) Chrysene	21.36	228	2365698	38.692	nq	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	1606321	40.921	nq	99
85) Di-n-octyl phthalate	22.12	149	2725578	41.283	nq	95
86) Indeno(1,2,3-cd)pyrene	25.89	276	2788459	39.551	nq	97
88) Benzo(b)fluoranthene	22.90	252	2443560	39.269	nq	98
89) Benzo(k)fluoranthene	22.95	252	2389391	38.102	nq	99
90) Benzo(a)pyrene	23.49	252	2319699	38.939	nq	98
91) Dibenzo(a,h)anthracene	25.90	278	2371384	39.286	nq	98
92) Benzo(g,h,i)perylene	26.59	276	2322102	39.531	nq	98

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



#1

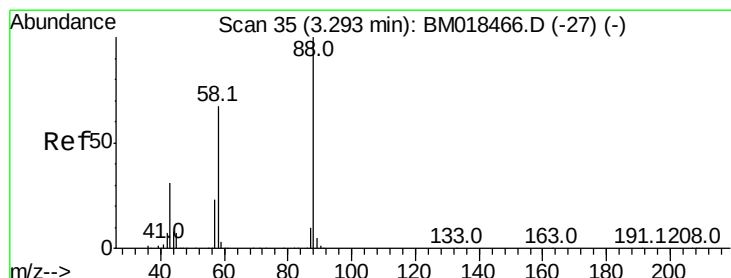
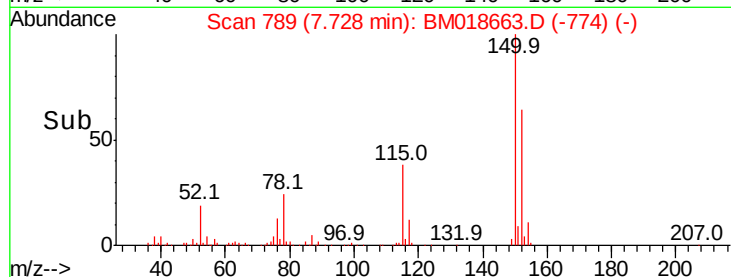
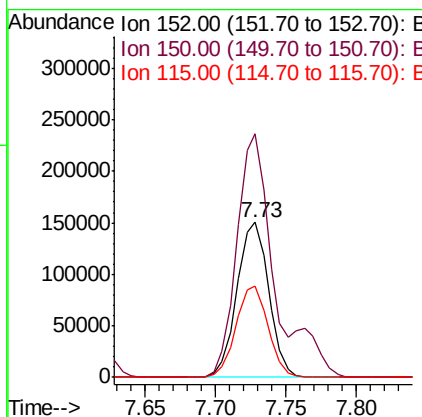
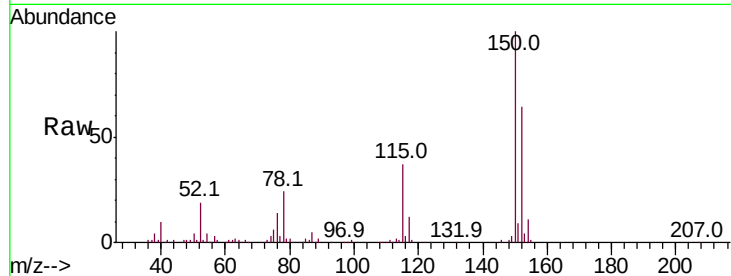
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.9	190.3
115	59.0	45.5	68.3

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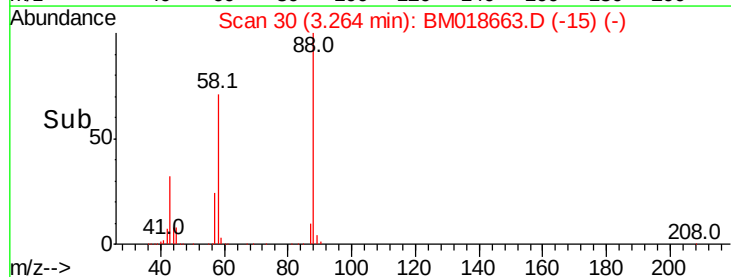
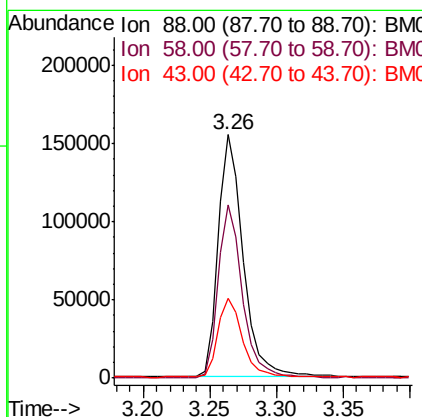
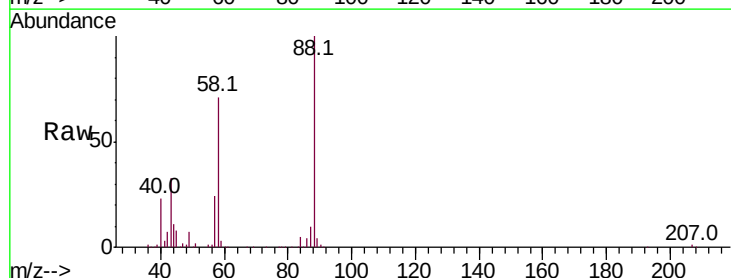
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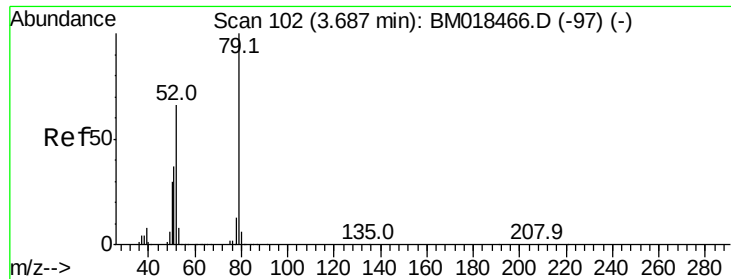


#2

1,4-Dioxane
Concen: 39.212 ng
RT: 3.26 min Scan# 30
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	58.4	87.6
43	31.8	26.2	39.4





#3

Pvridine

Concen: 39.348 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

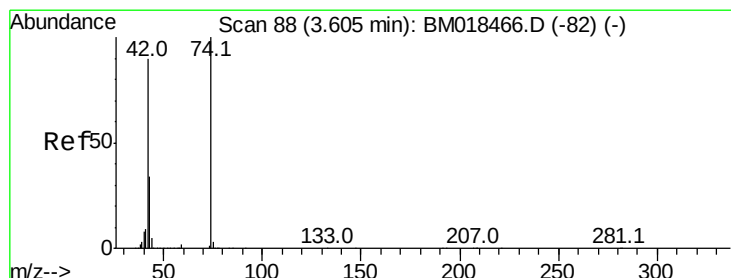
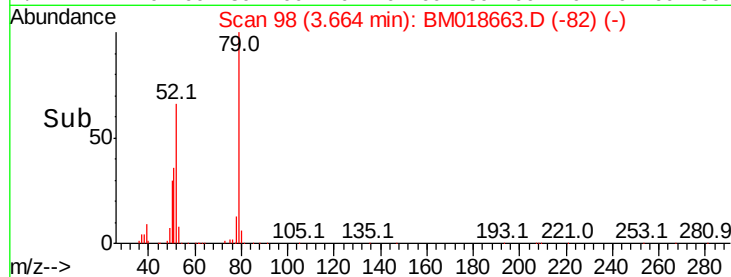
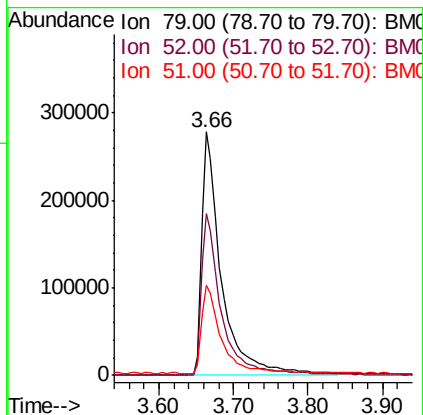
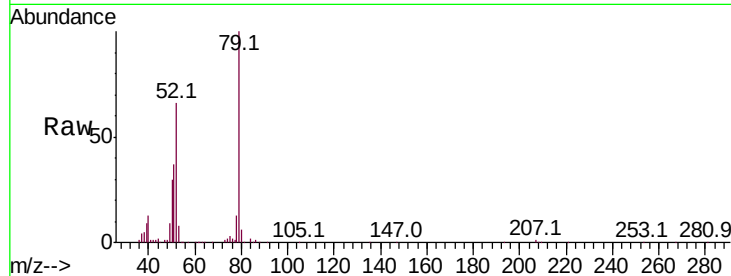
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	513178
Ion Ratio	Lower	Upper	
79	100		
52	66.3	56.4	84.6
51	37.0	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 39.277 ng

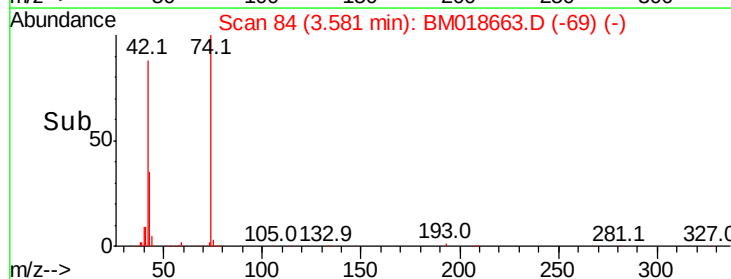
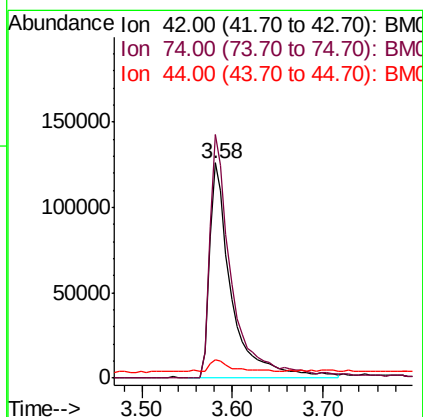
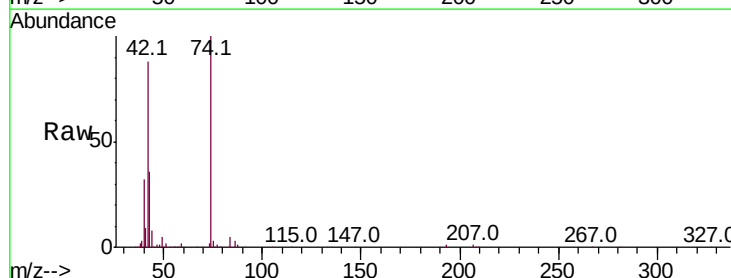
RT: 3.58 min Scan# 84

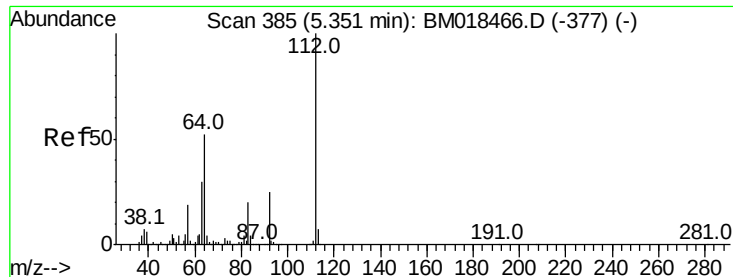
Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tgt Ion:	42	Resp:	211824
Ion Ratio	Lower	Upper	
42	100		
74	113.3	88.6	132.8
44	8.5	16.9	25.3





#5

2-Fluorophenol

Concen: 81.358 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

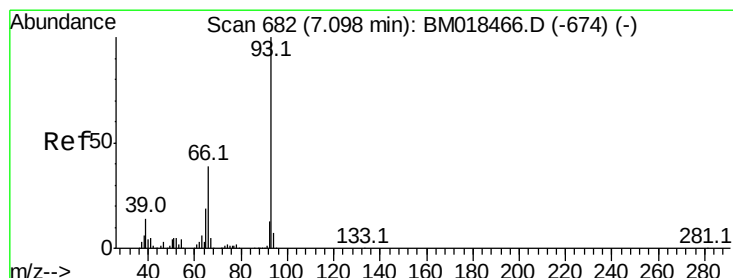
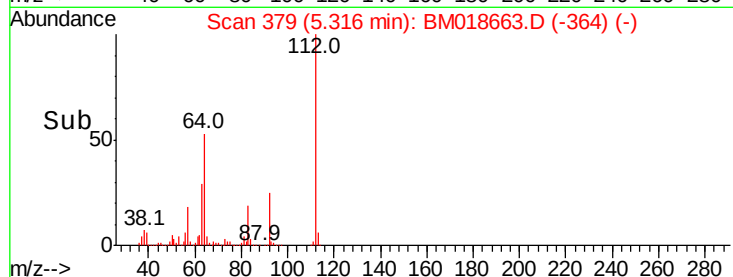
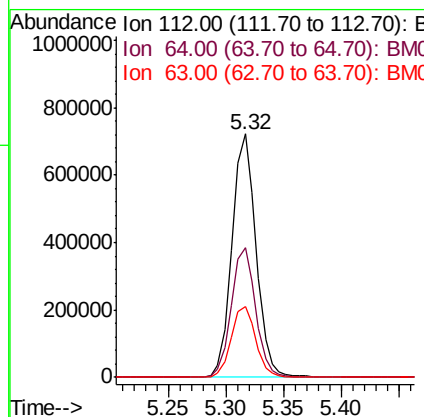
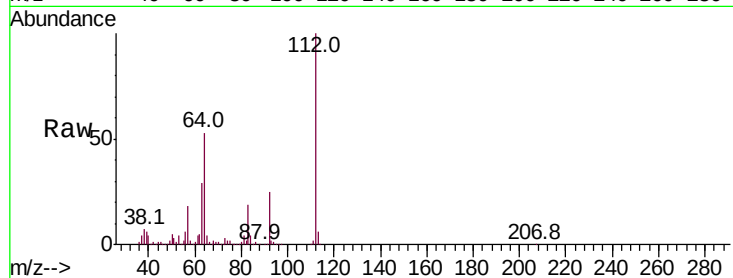
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1044221
Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.5	69.7
63	29.1	25.2	37.8

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#6

Aniline

Concen: 40.352 ng

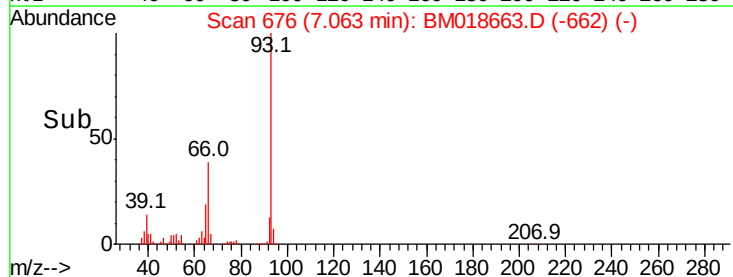
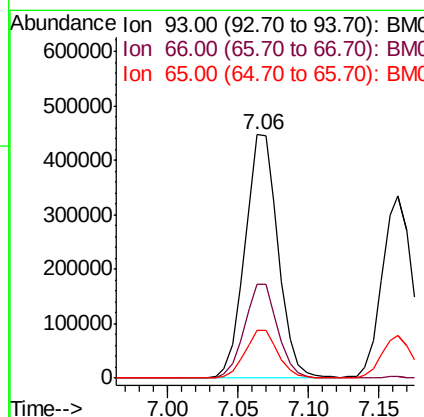
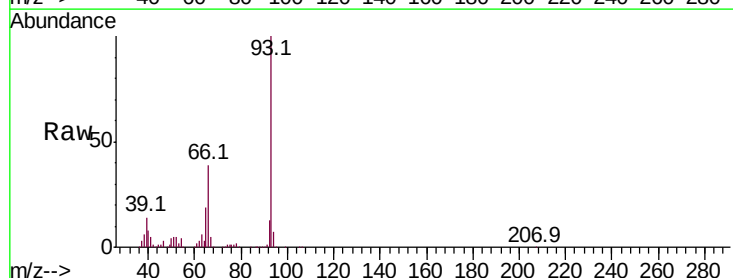
RT: 7.06 min Scan# 676

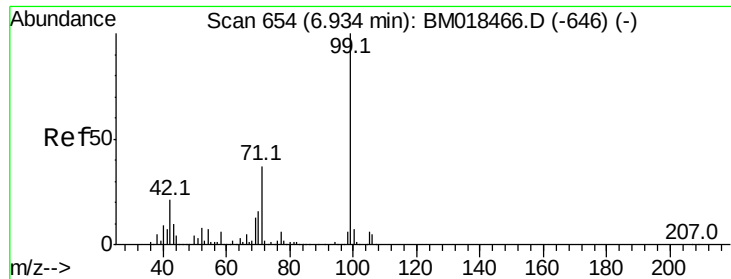
Delta R.T. -0.02 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tgt Ion:	93	Resp:	733787
Ion	Ratio	Lower	Upper
93	100		
66	38.7	31.7	47.5
65	19.5	15.9	23.9





#7

Phenol-d6

Concen: 77.720 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1266983

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

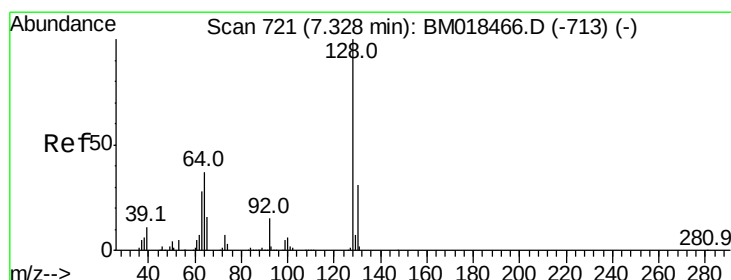
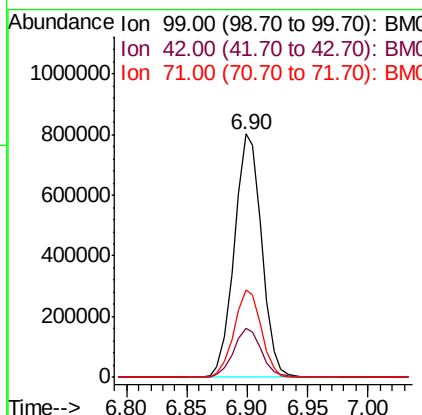
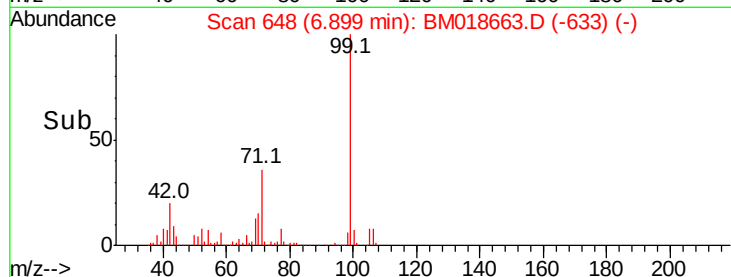
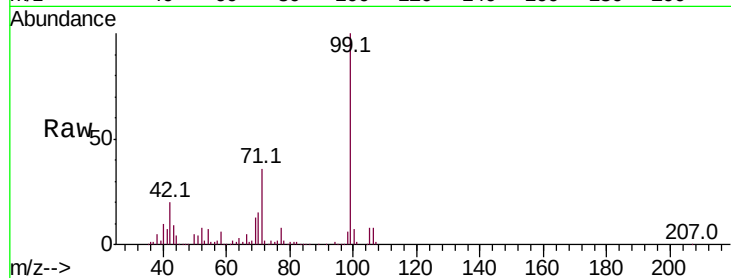
71 36.1 28.0 42.0

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#8

2-Chlorophenol

Concen: 38.953 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

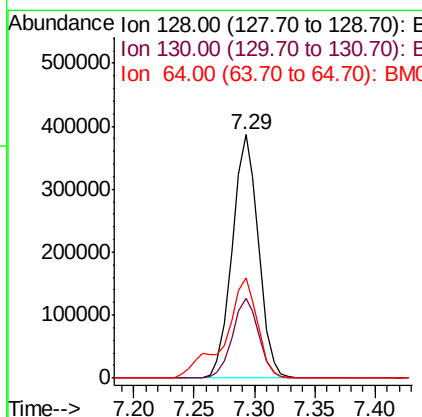
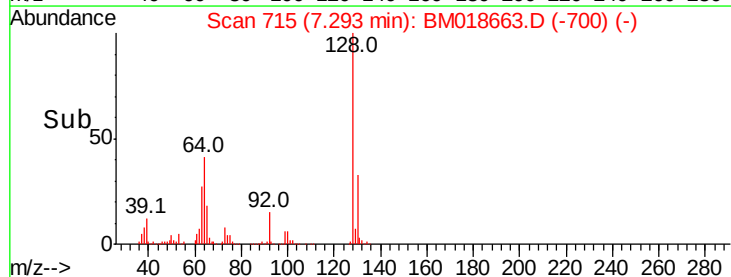
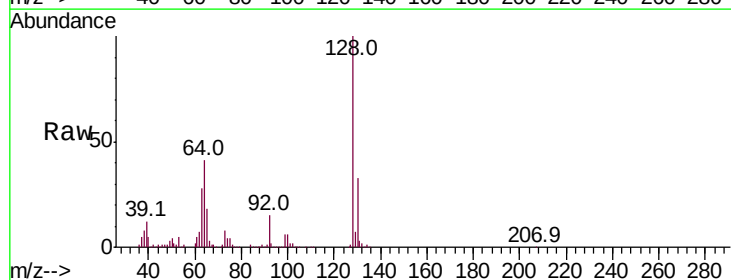
Tgt Ion: 128 Resp: 583905

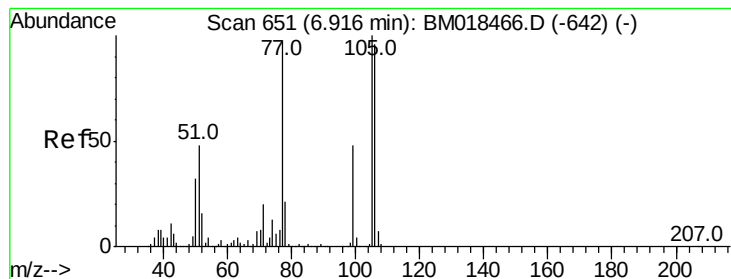
Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

64 41.3 24.8 64.8





#9

Benzaldehyde

Concen: 32.487 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

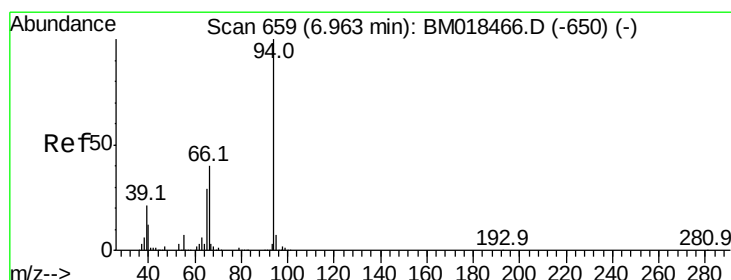
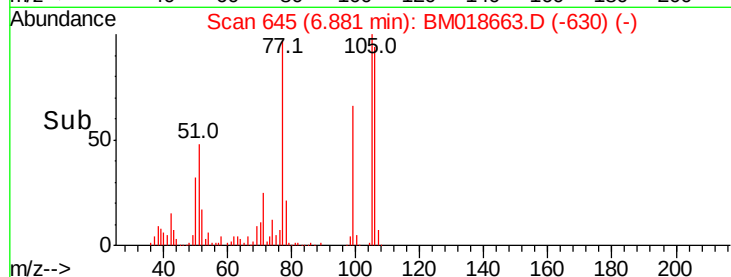
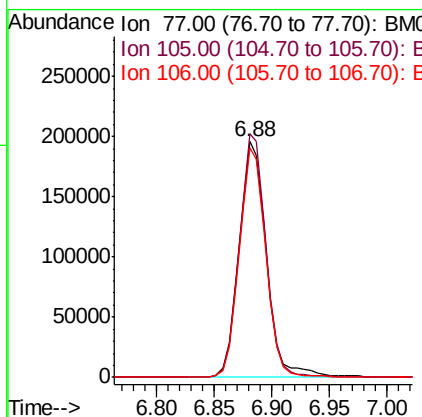
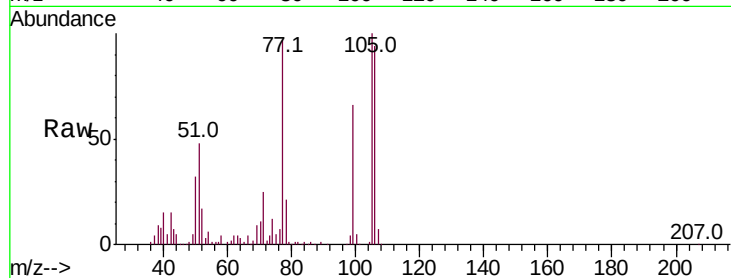
ClientSampled :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.2	79.7	119.7
106	97.5	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 38.223 ng

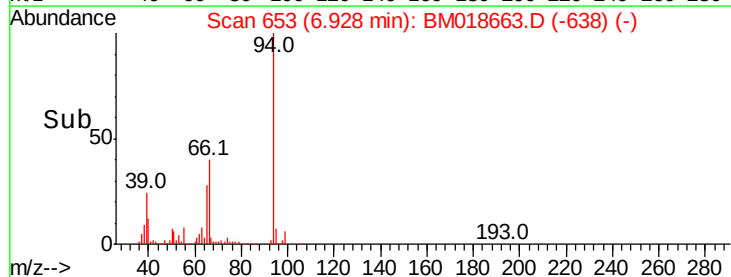
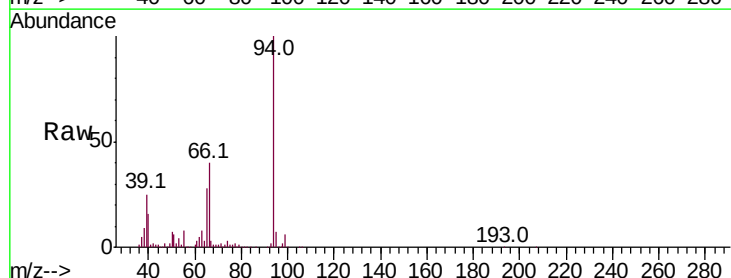
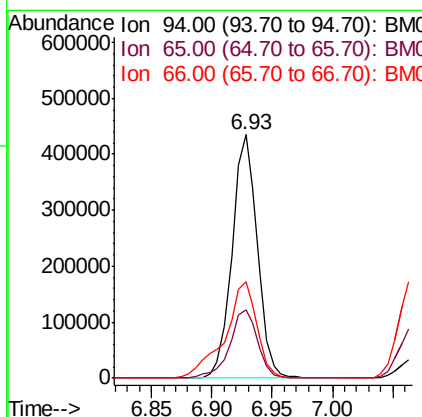
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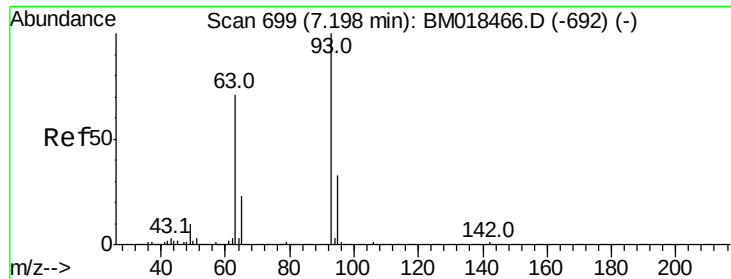
Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.4	49.4
66	39.6	19.1	59.1





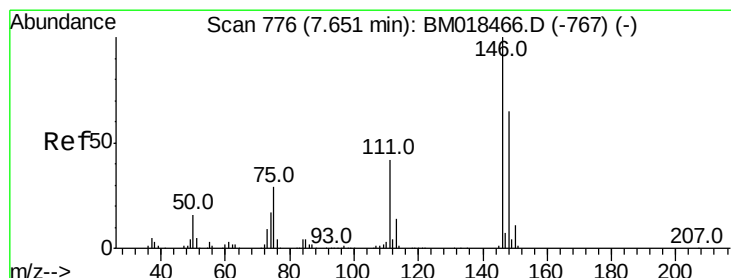
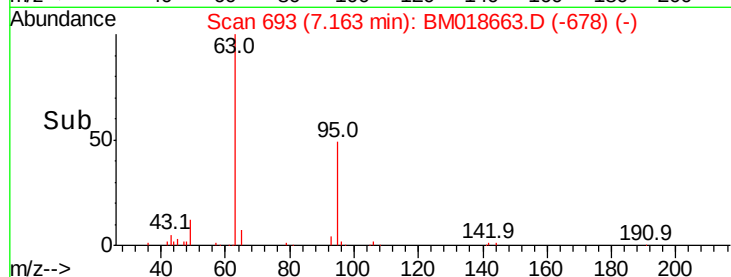
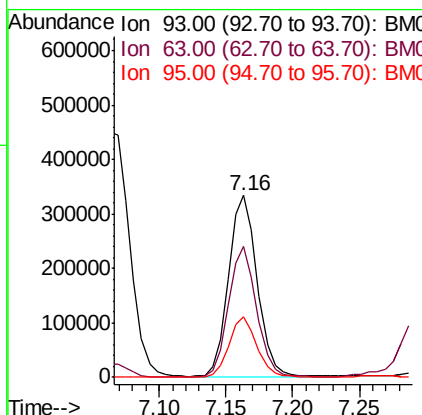
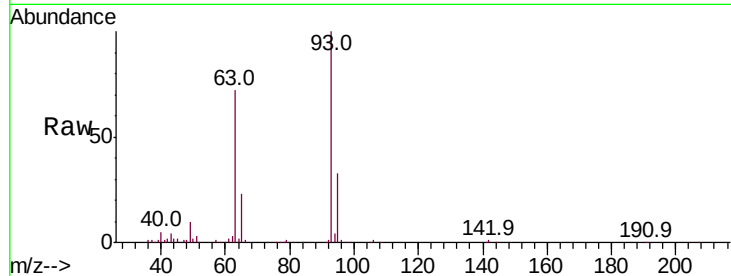
#11
bis(2-Chloroethyl)ether
Concen: 37.998 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	56.4	96.4
95	33.3	12.7	52.7

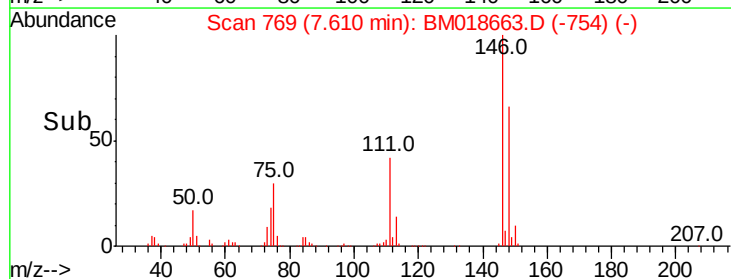
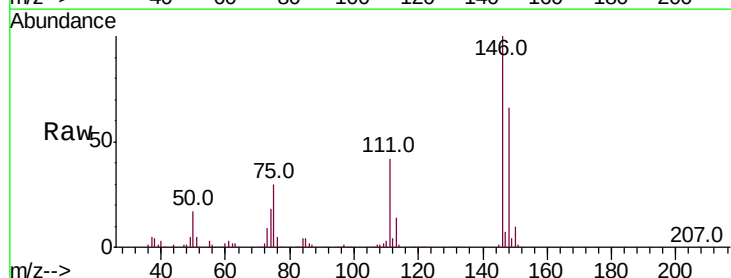
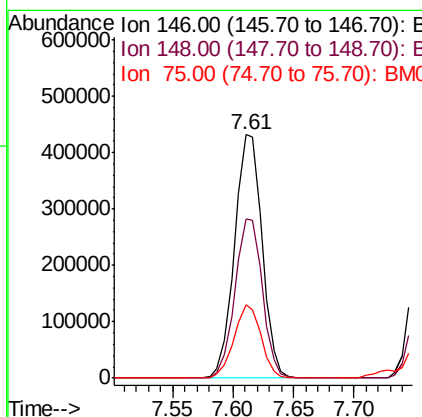
Manual Integrations
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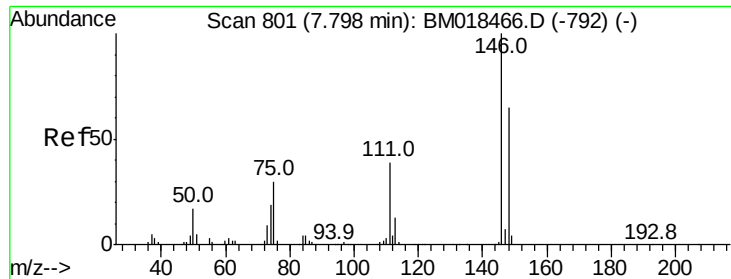
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.620 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.5	75.7
75	30.3	23.0	34.6





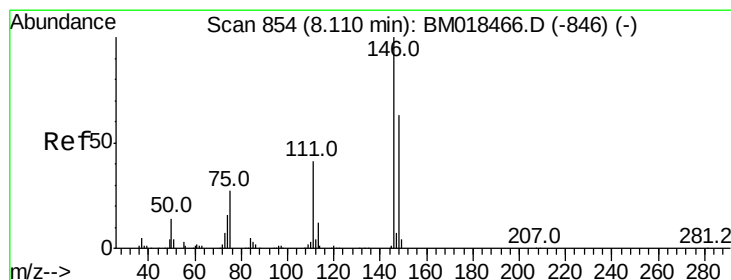
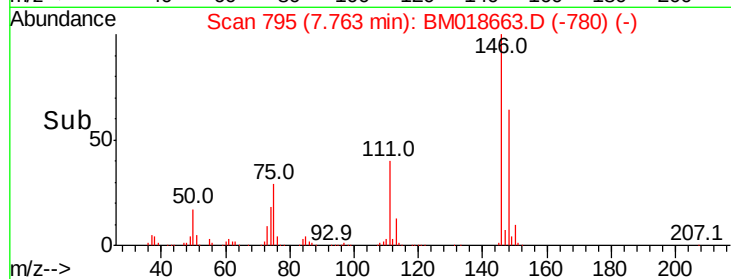
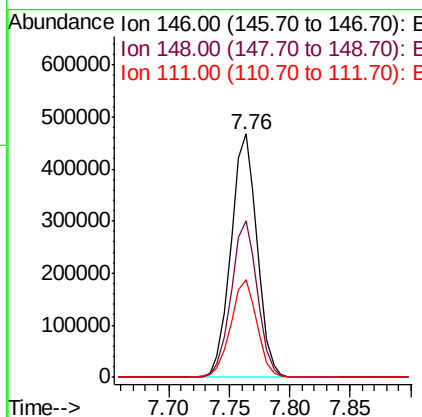
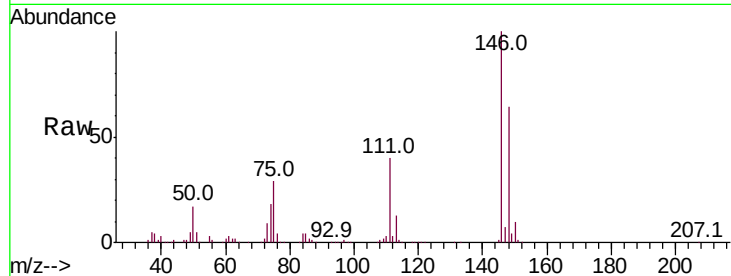
#13
1,4-Dichlorobenzene
Concen: 38.899 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	40.1	32.2	48.2

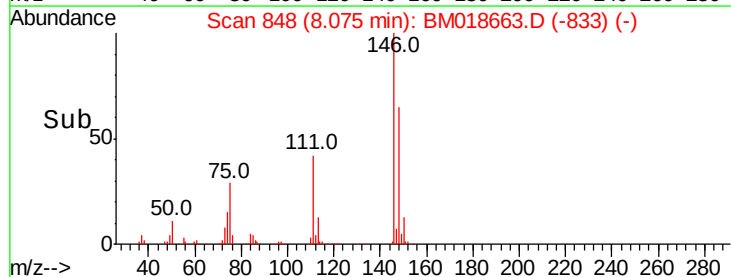
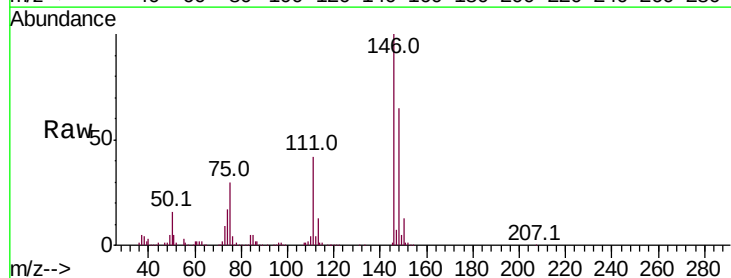
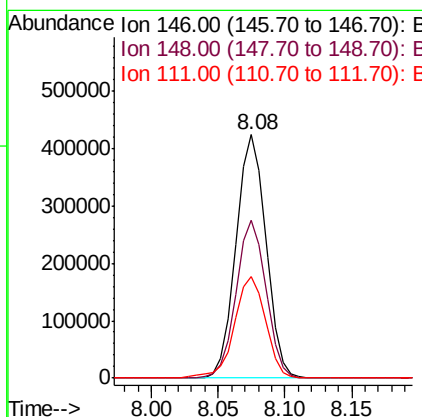
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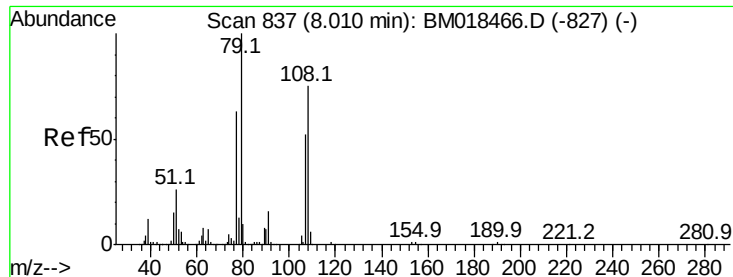
mohammad
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#14
1,2-Dichlorobenzene
Concen: 38.549 ng
RT: 8.08 min Scan# 848
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.6
111	41.6	33.8	50.6





#15

Benzyl Alcohol

Concen: 38.615 ng

RT: 7.98 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

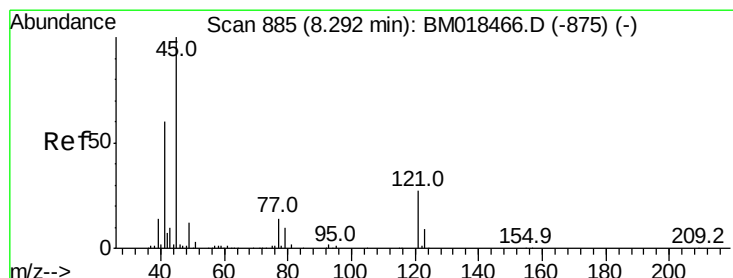
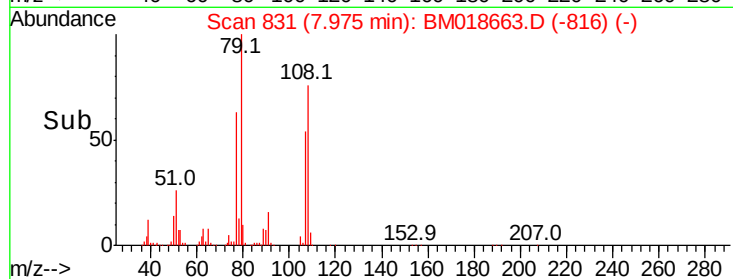
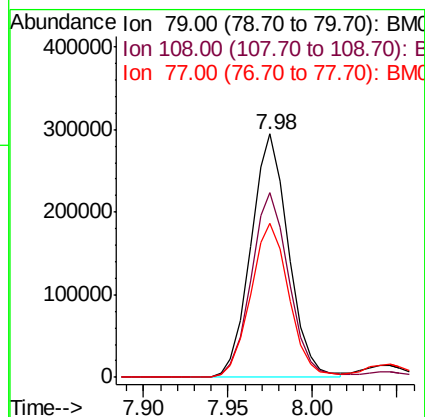
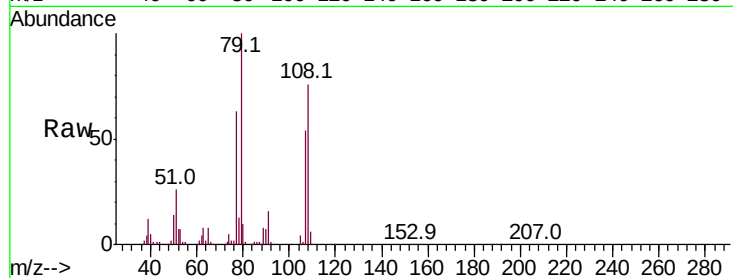
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	454655
Ion Ratio	Lower	Upper	
79	100		
108	76.0	60.4	90.6
77	63.3	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.663 ng

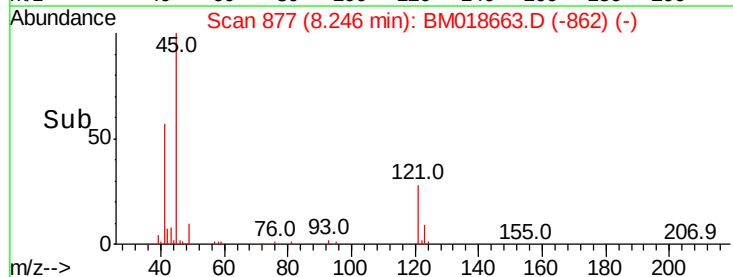
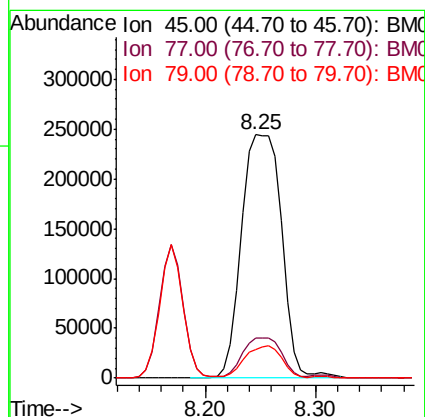
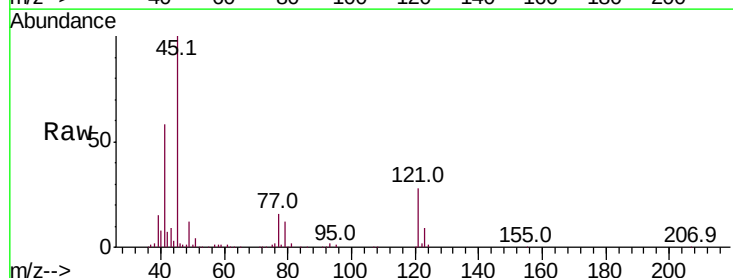
RT: 8.25 min Scan# 877

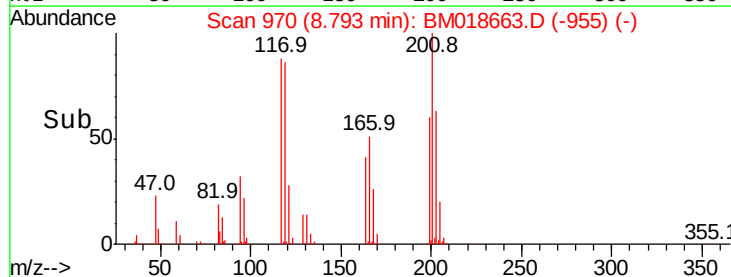
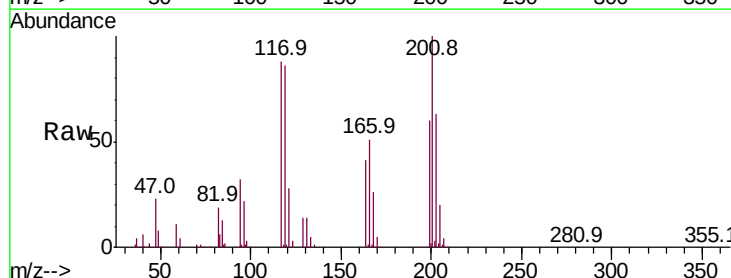
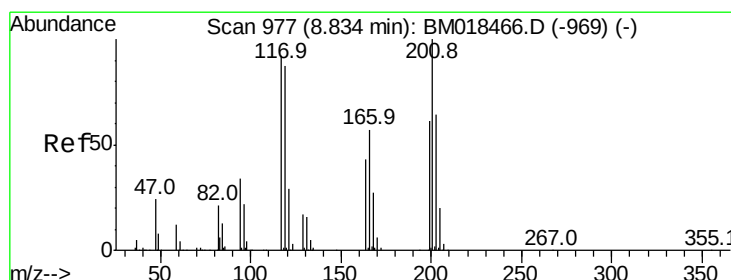
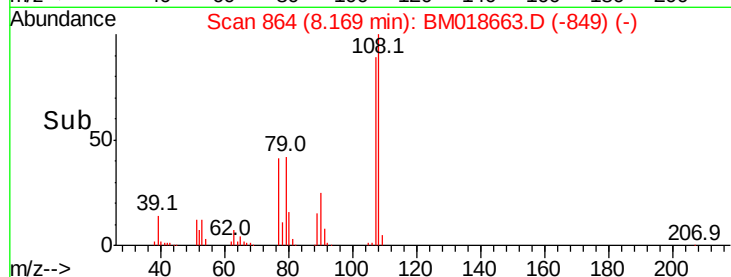
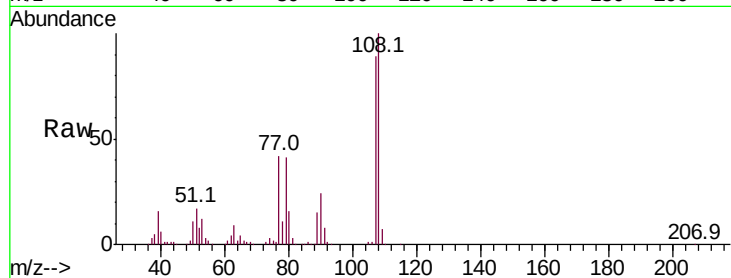
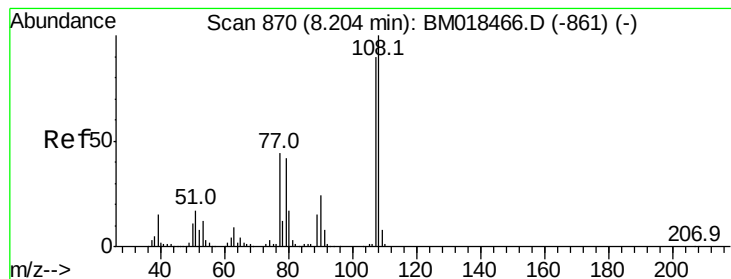
Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tgt Ion:	45	Resp:	626490
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.0	33.4
79	12.0	0.0	31.1





#17

2-Methylphenol

Concen: 38.100 ng

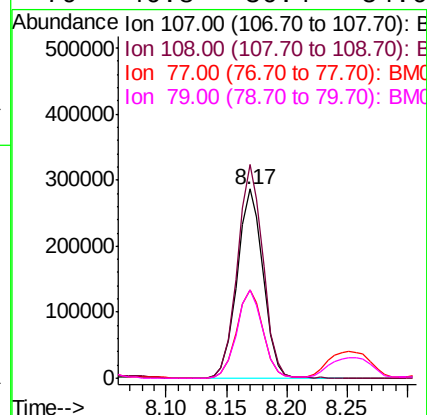
RT: 8.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	87.5	131.3	
77	46.9	37.3	55.9	
79	46.8	36.4	54.6	



Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

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#18

Hexachloroethane

Concen: 38.460 ng

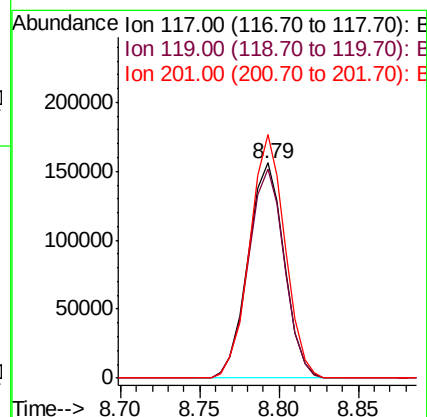
RT: 8.79 min Scan# 970

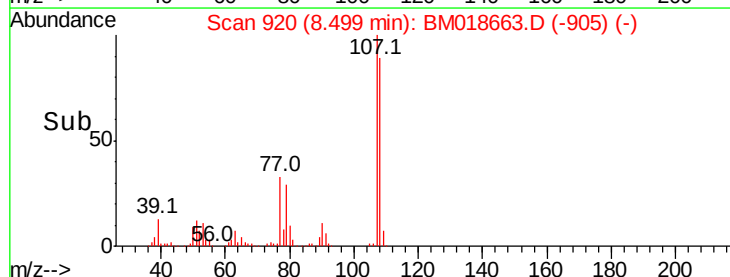
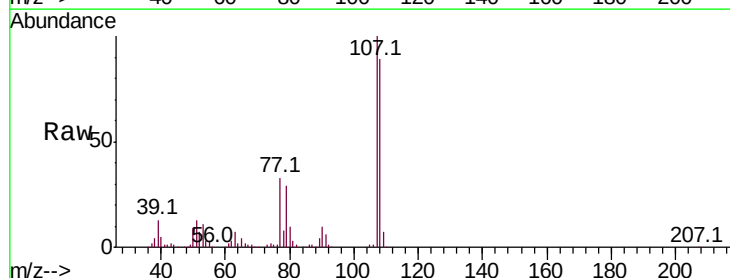
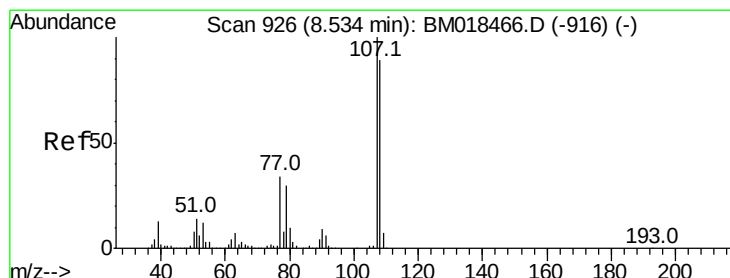
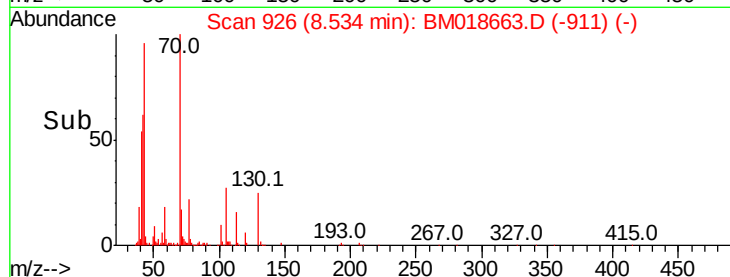
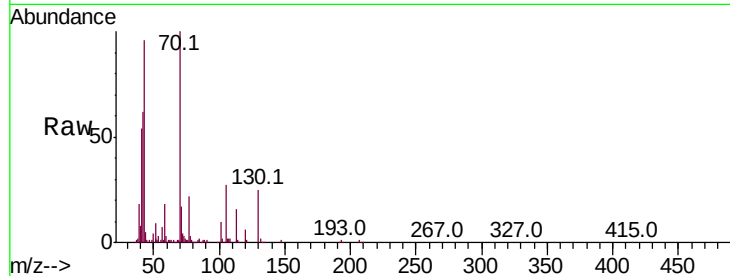
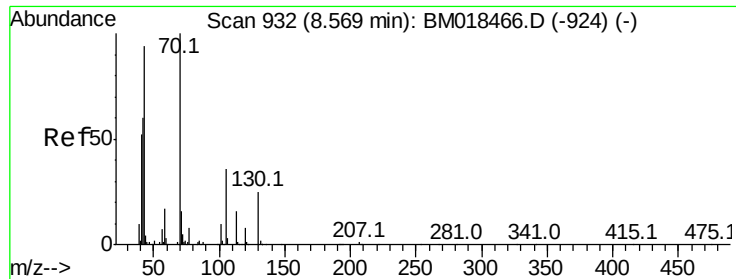
Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	78.3	117.5	
201	113.0	81.4	122.0	





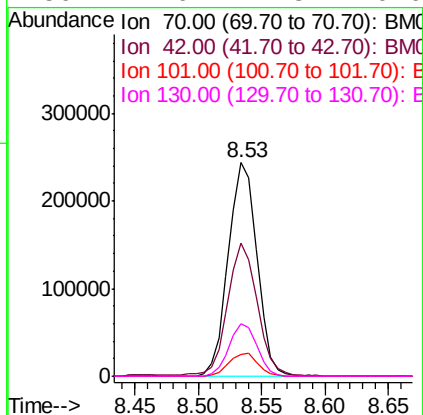
#19
n-Nitroso-di-n-propylamine
Concen: 36.108 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.4	54.0	81.0
101	9.9	8.1	12.1
130	24.6	17.8	26.6

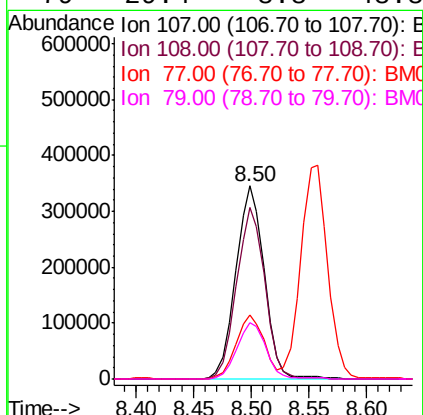
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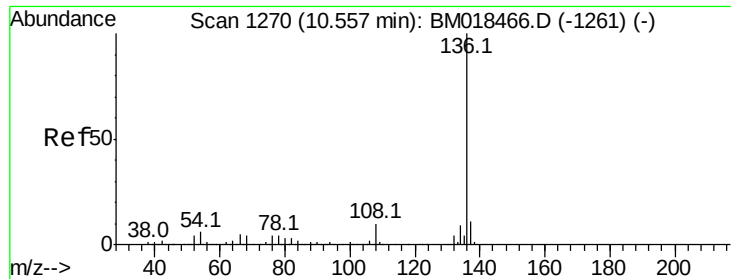
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#20
3+4-Methylphenols
Concen: 37.940 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	66.8	106.8
77	33.2	13.3	53.3
79	29.4	8.8	48.8





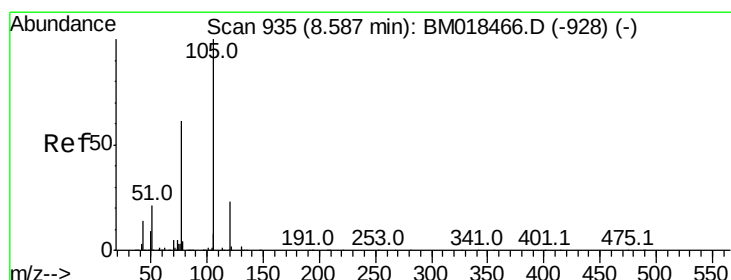
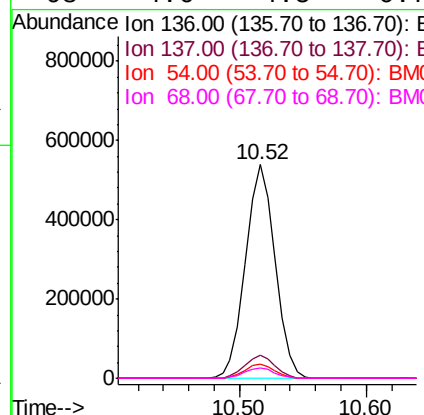
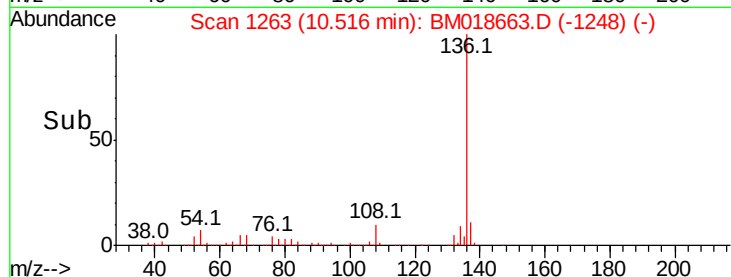
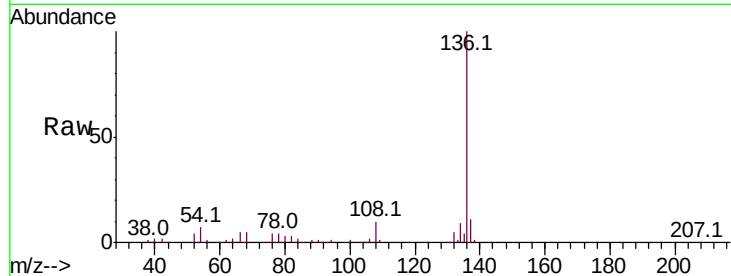
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	870592		
137	10.7		8.5	12.7
54	6.5		6.0	9.0
68	4.6		4.5	6.7

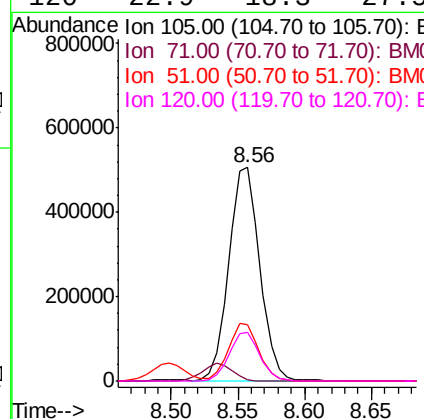
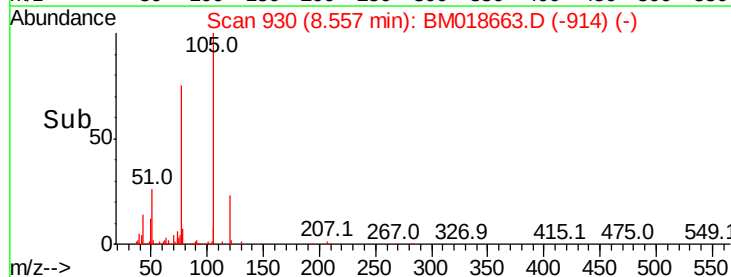
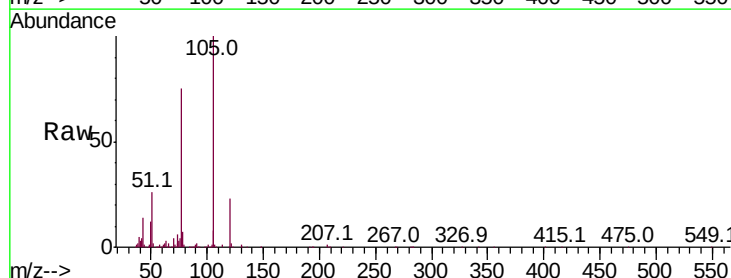
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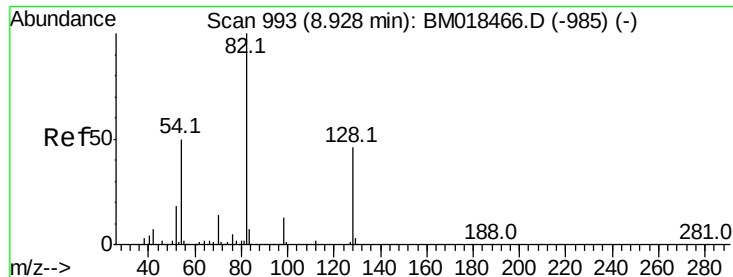
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#22
Acetophenone
Concen: 38.155 ng
RT: 8.56 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	821708		
71	0.8		1.7	2.5#
51	26.1		22.6	34.0
120	22.9		18.3	27.5





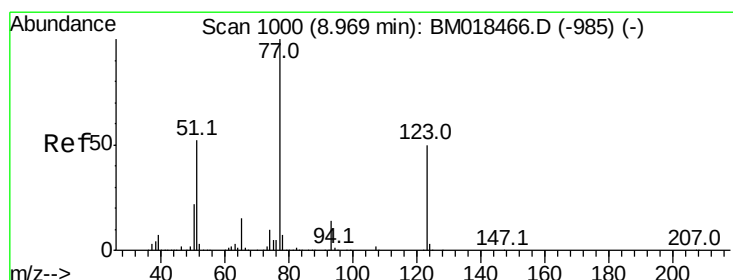
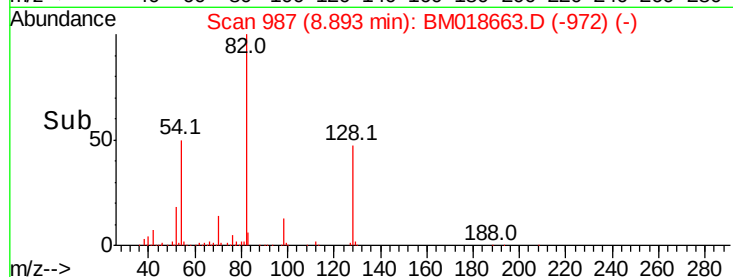
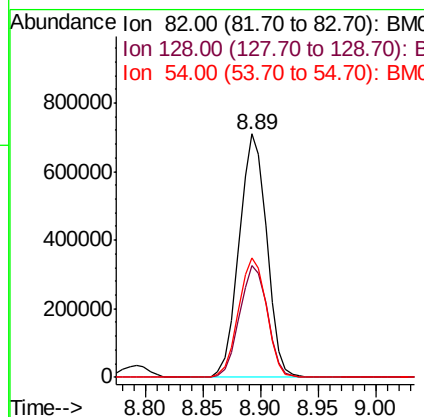
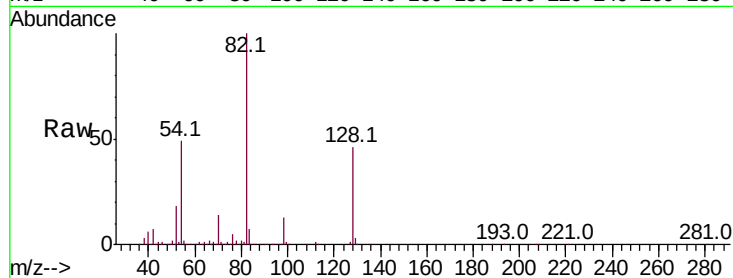
#23
Nitrobenzene-d5
Concen: 78.375 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	49.3	41.7	62.5

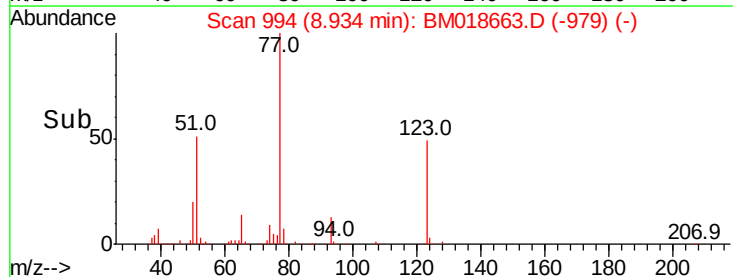
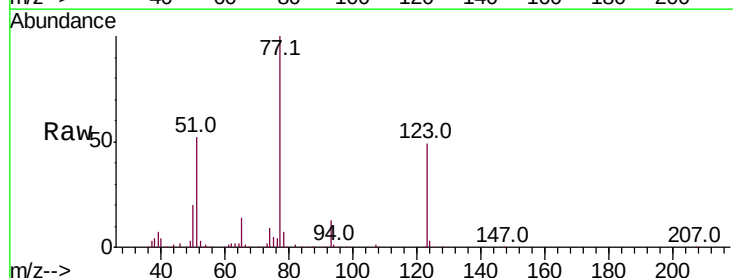
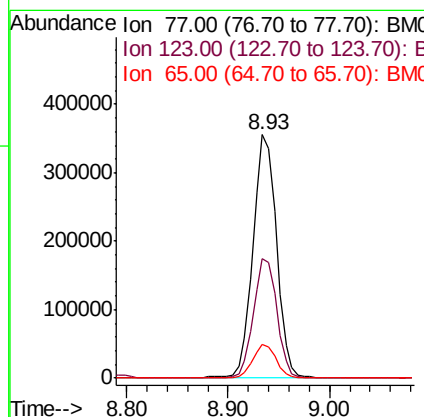
Manual Integrations
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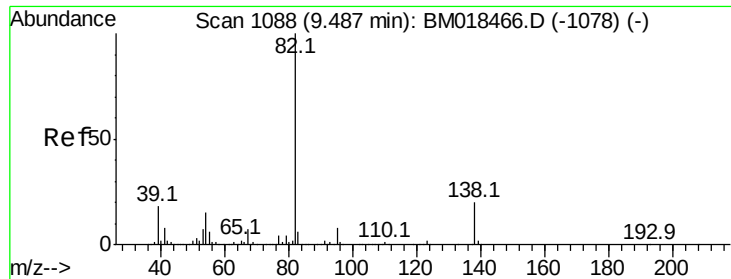
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#24
Nitrobenzene
Concen: 38.996 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	37.7	56.5
65	14.0	11.0	16.6





#25

Isophorone

Concen: 37.943 ng

RT: 9.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

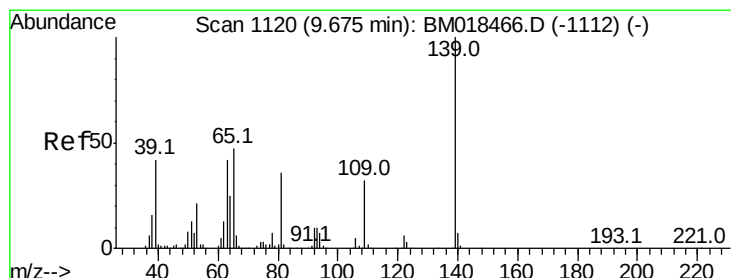
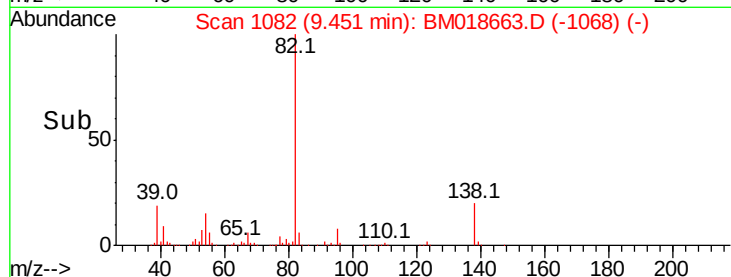
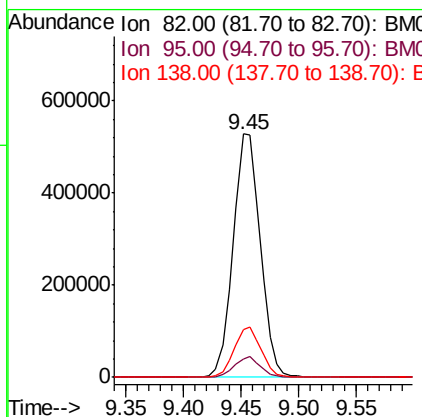
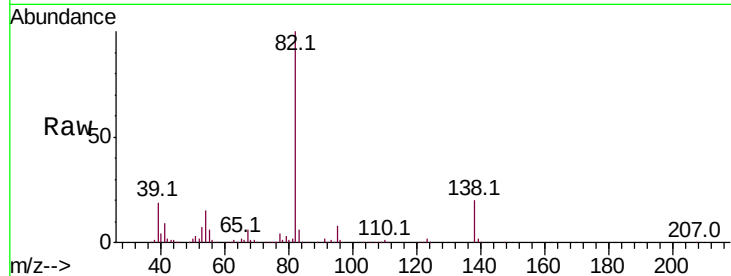
ClientSampleId :

SSTDCCC040

Tot Ion	82	Resp	862860
Ion	Ratio	Lower	Upper
82	100		
95	7.8	6.1	9.1
138	19.9	15.1	22.7

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#26

2-Nitrophenol

Concen: 43.279 ng

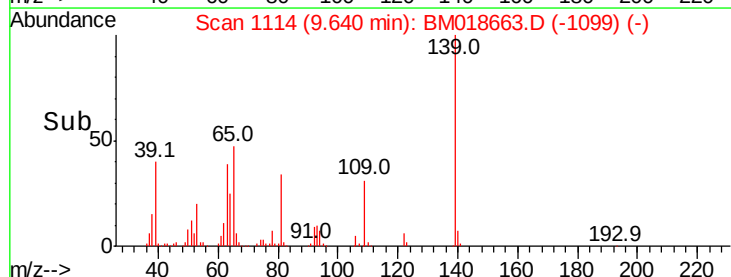
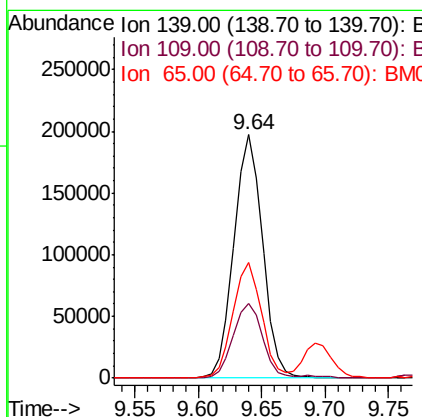
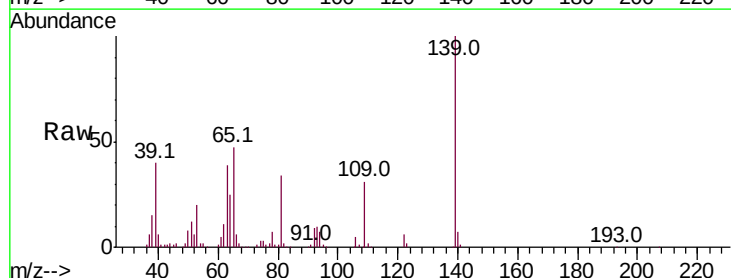
RT: 9.64 min Scan# 1114

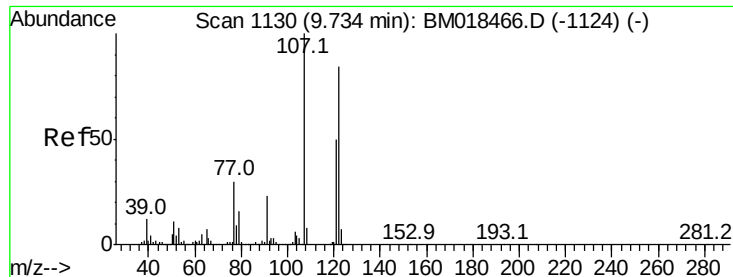
Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tgt Ion	139	Resp	309226
Ion	Ratio	Lower	Upper
139	100		
109	30.7	23.4	35.2
65	47.4	39.4	59.2





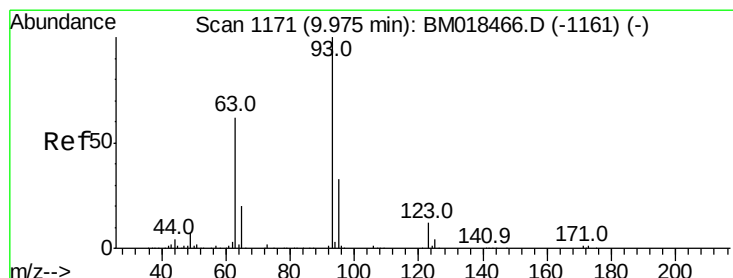
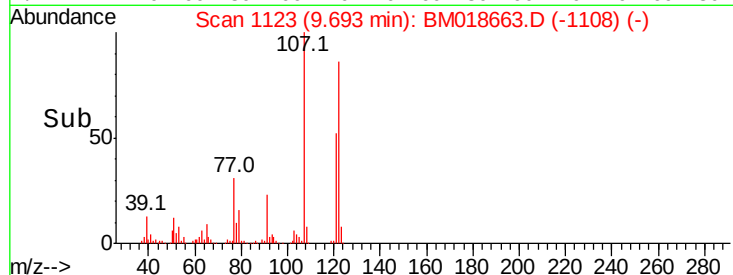
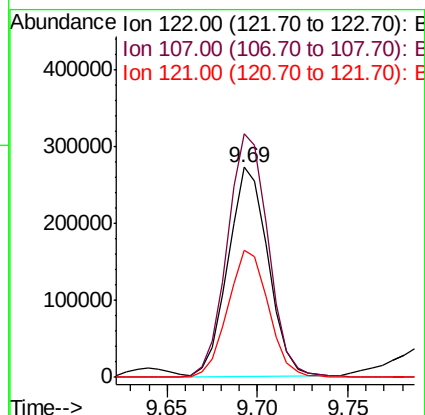
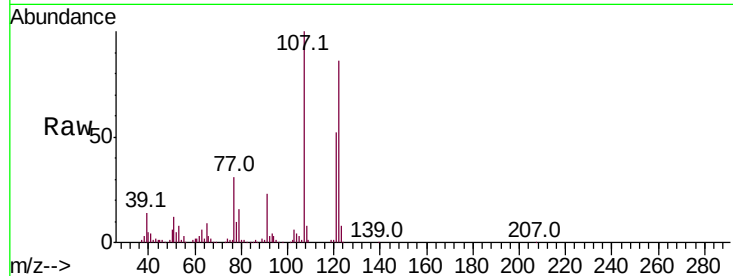
#27
2,4-Dimethylphenol
Concen: 38.754 ng
RT: 9.69 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	415027		
107	115.8	91.9	137.9	
121	60.5	47.5	71.3	

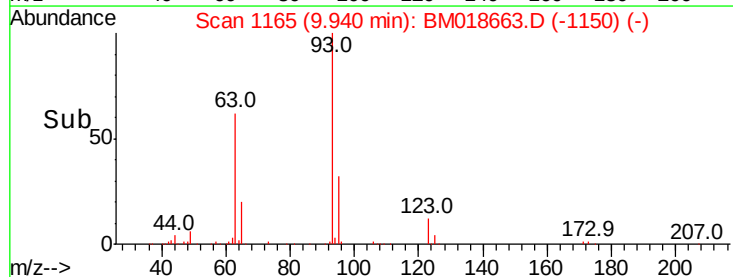
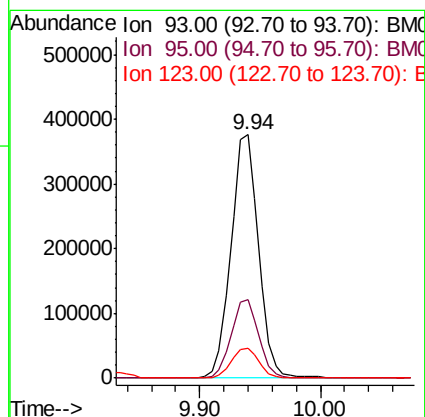
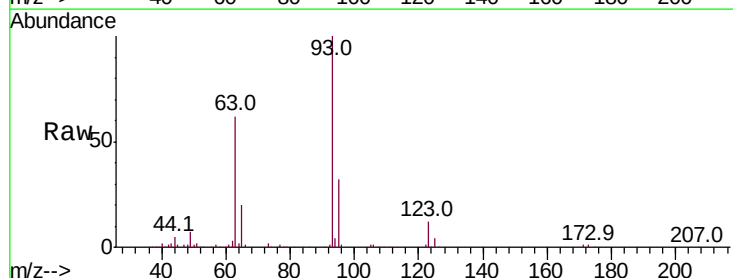
Manual Integrations
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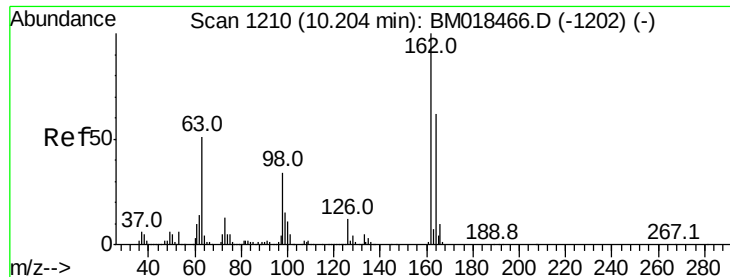
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#28
bis(2-Chloroethoxy)methane
Concen: 37.994 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	596889		
95	32.3	26.6	39.8	
123	12.3	9.9	14.9	





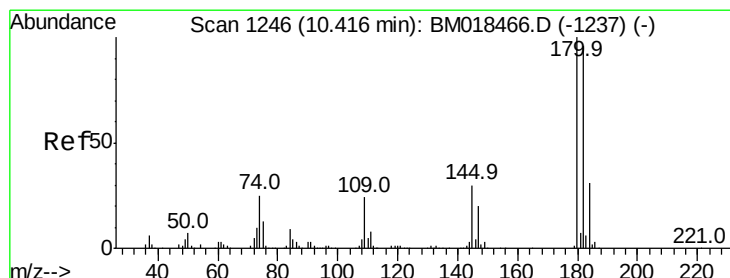
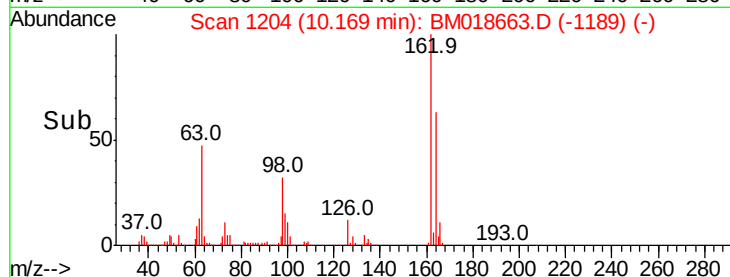
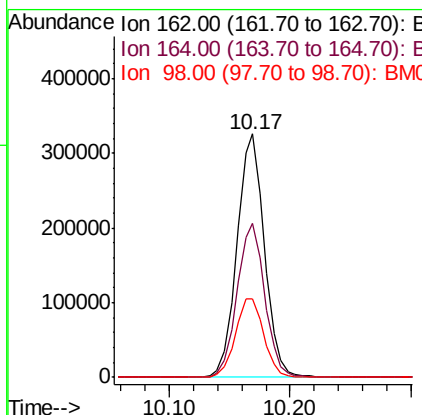
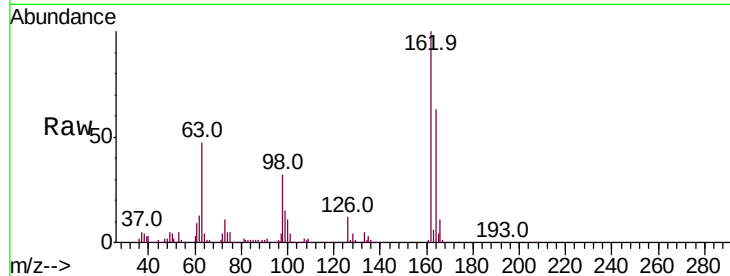
#29
 2,4-Dichlorophenol
 Concen: 40.474 ng
 RT: 10.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BM018663.D
 Acq: 28 Jan 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDC040

Tot Ion:	162	Resp:	516143
Ion Ratio	Lower	Upper	
162	100		
164	63.0	45.6	85.6
98	32.5	14.7	54.7

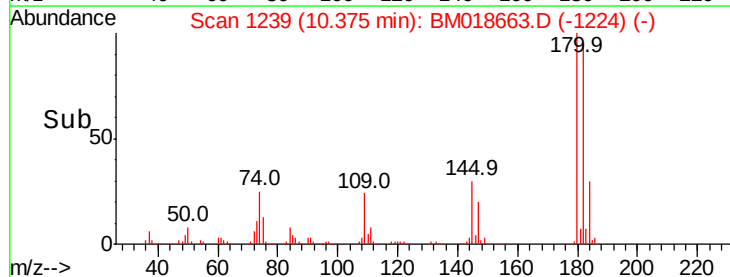
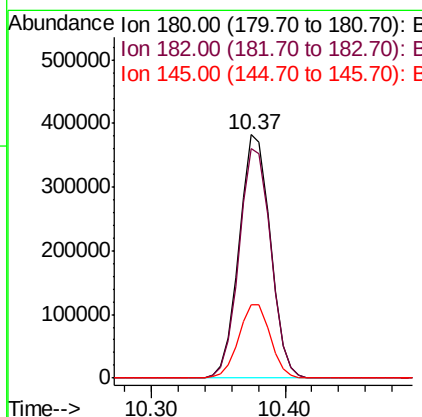
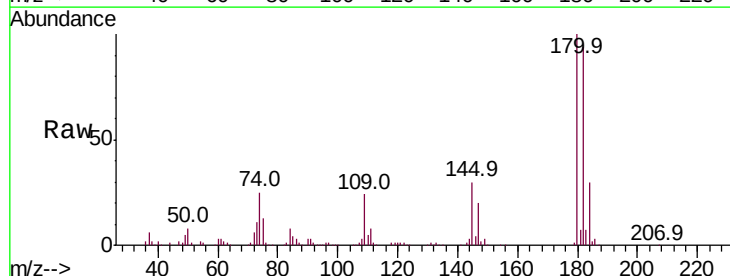
Manual Integrations
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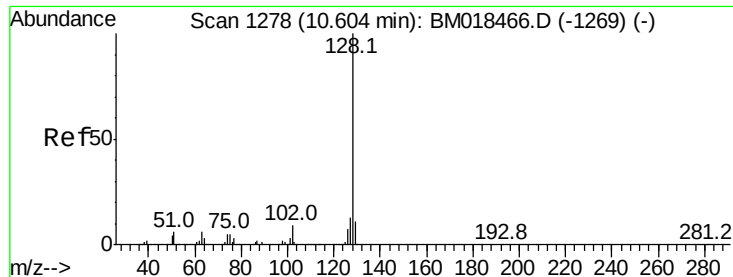
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.093 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018663.D
 Acq: 28 Jan 2019 14:15

Tgt Ion:	180	Resp:	618784
Ion Ratio	Lower	Upper	
180	100		
182	94.1	77.4	116.2
145	29.9	24.6	37.0





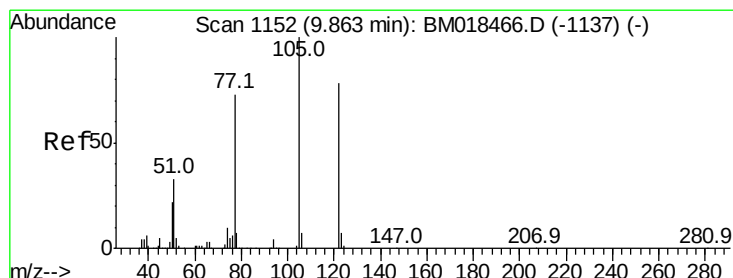
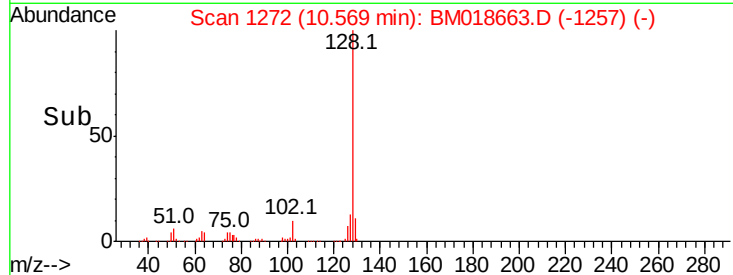
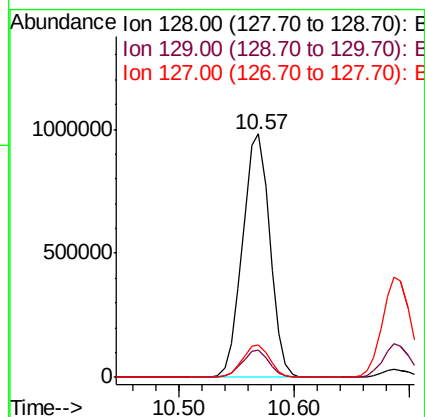
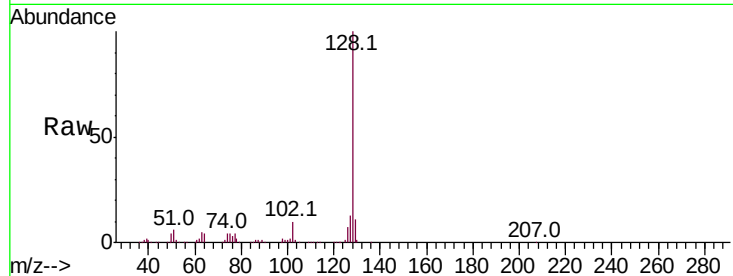
#31
Naphthalene
Concen: 38.522 ng
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.1	10.8	16.2

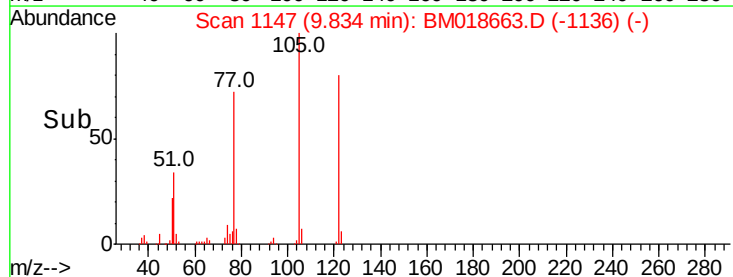
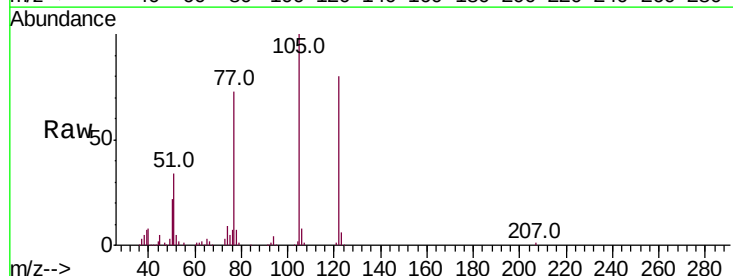
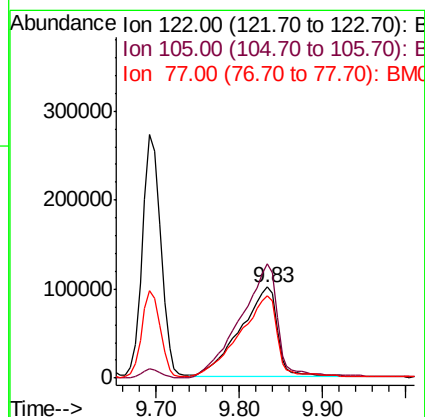
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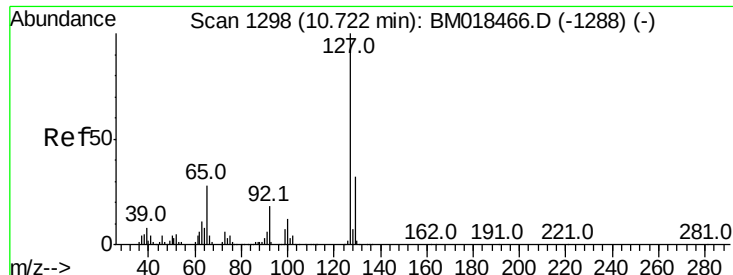
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#32
Benzoic acid
Concen: 44.110 ng m
RT: 9.83 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	100.4	140.4
77	91.3	71.7	111.7





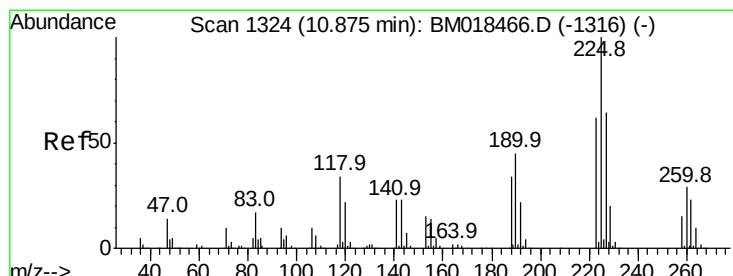
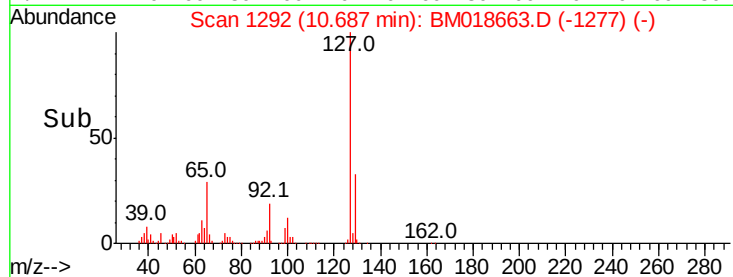
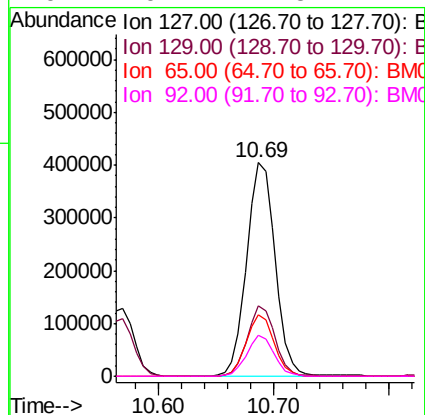
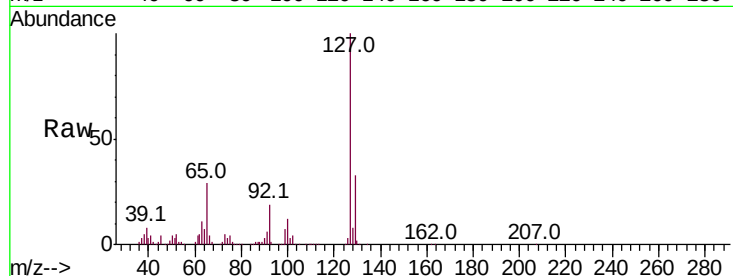
#33
4-Chloroaniline
Concen: 42.289 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.9	38.9	
65	28.9	23.4	35.2	
92	19.1	14.5	21.7	

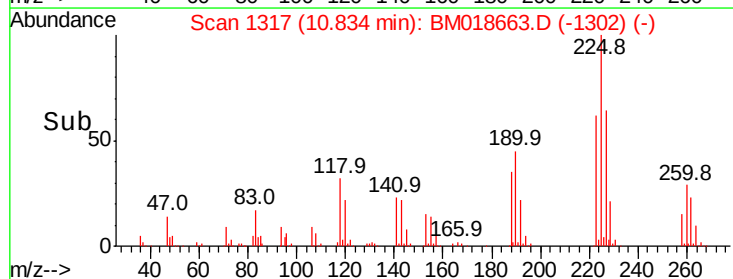
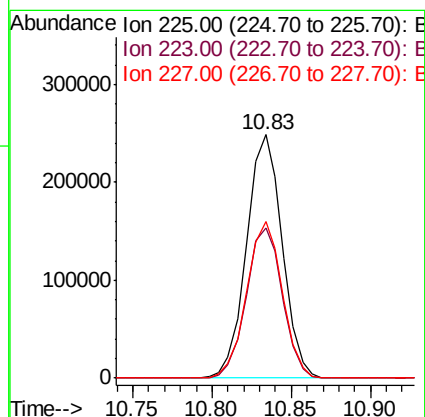
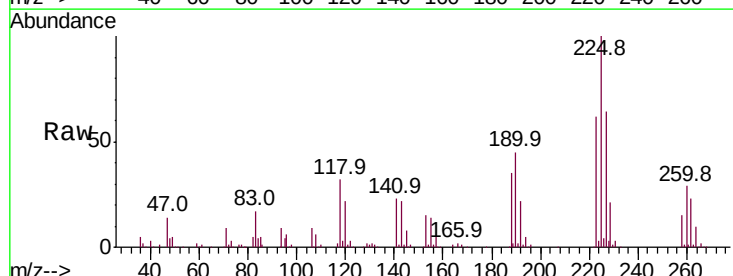
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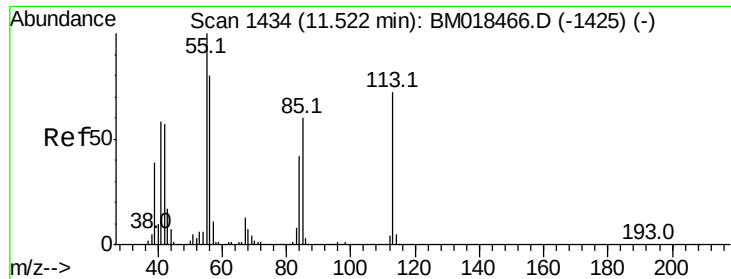
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#34
Hexachlorobutadiene
Concen: 38.794 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	50.8	76.2	
227	64.2	50.4	75.6	





#35

Caprolactam

Concen: 37.134 ng

RT: 11.49 min Scan# 1429

Delta R.T. -0.03 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 161000

Ion Ratio Lower Upper

113 100

55 141.2 139.3 179.3

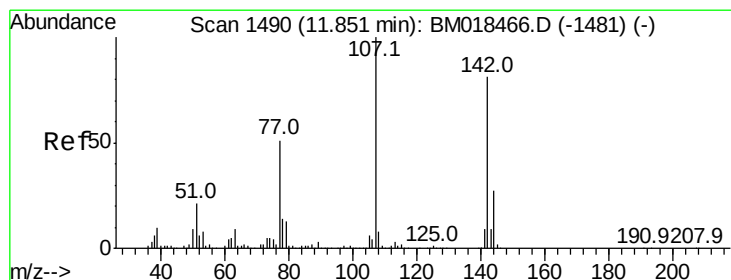
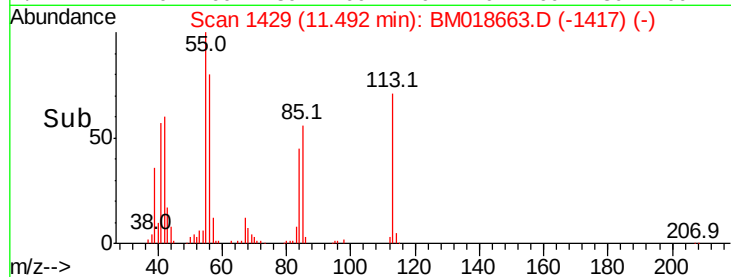
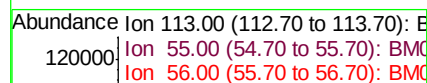
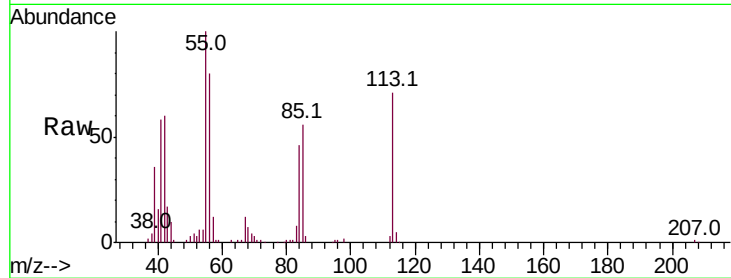
56 112.8 101.4 141.4

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#36

4-Chloro-3-methylphenol

Concen: 38.273 ng

RT: 11.81 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

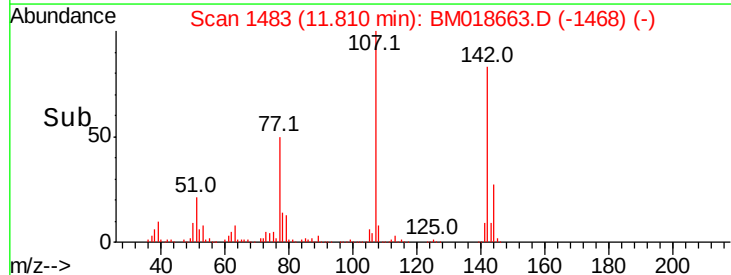
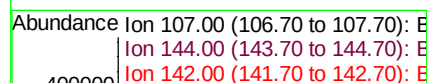
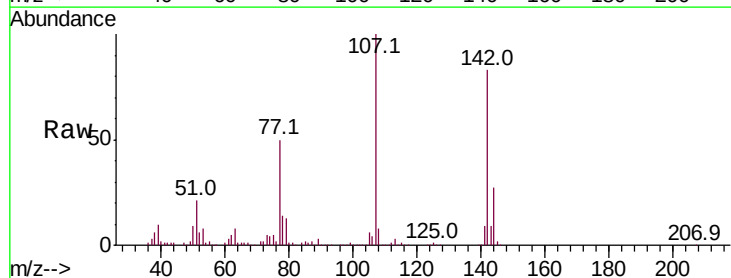
Tgt Ion:107 Resp: 512048

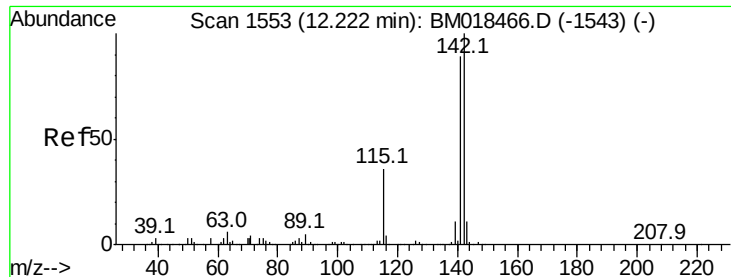
Ion Ratio Lower Upper

107 100

144 27.4 21.9 32.9

142 82.7 67.9 101.9





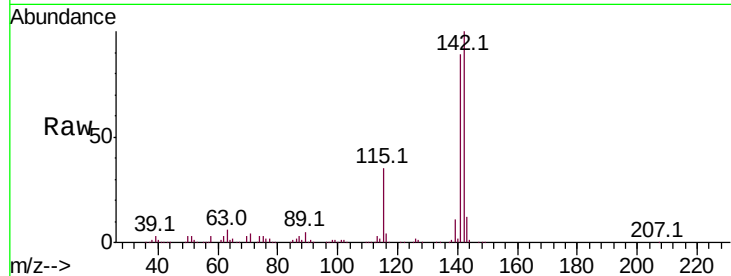
#37
2-Methylnaphthalene
Concen: 37.375 ng
RT: 12.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.4	107.2
115	34.9	28.0	42.0

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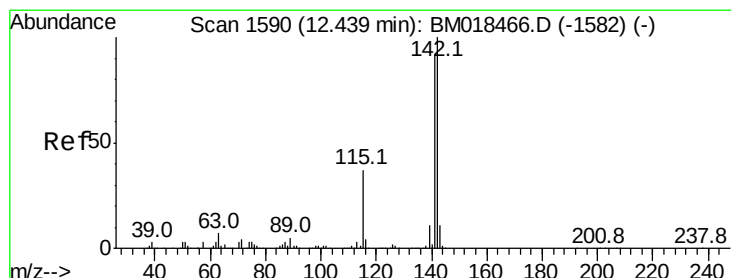
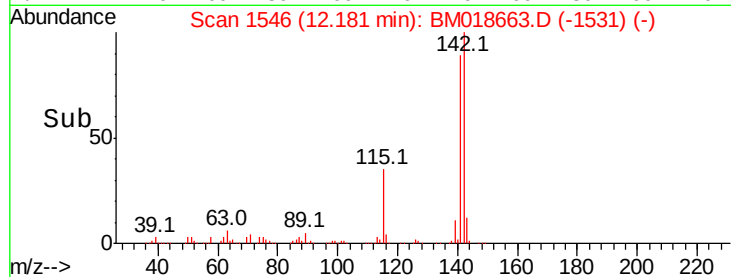
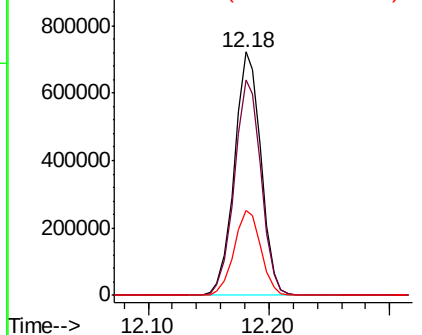


Abundance

Ion 142.00 (141.70 to 142.70): E

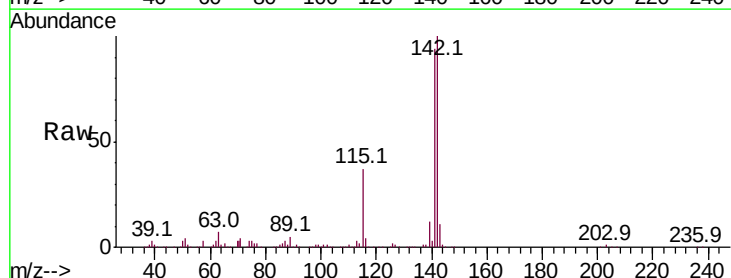
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.031 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.6	113.4
116	3.9	3.0	4.6

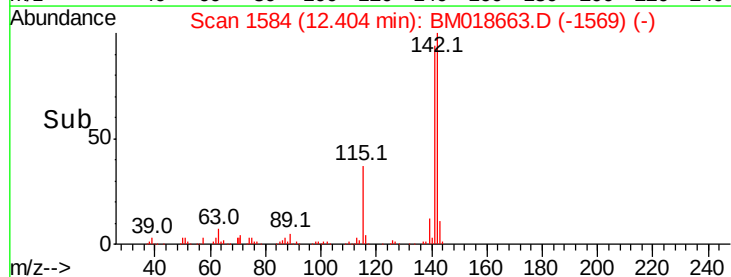
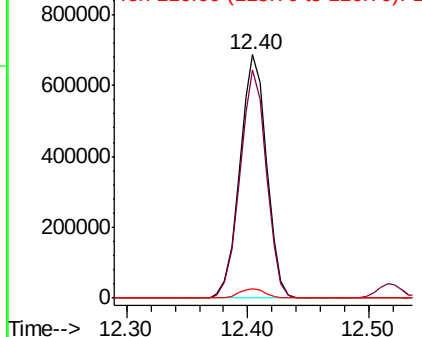


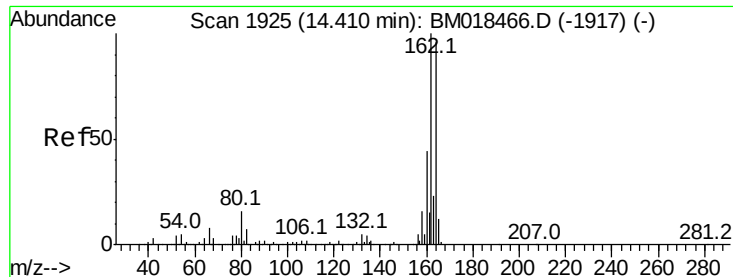
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





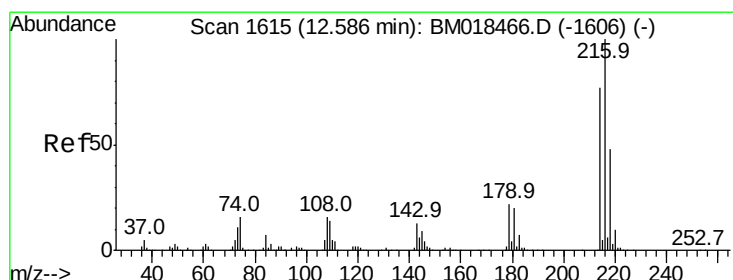
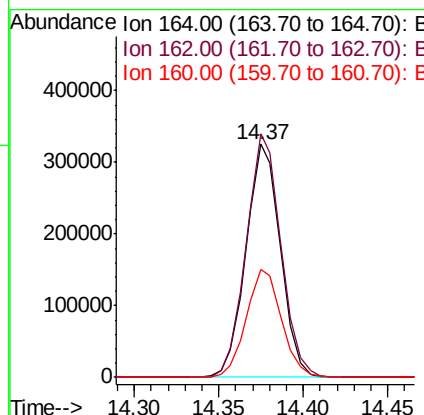
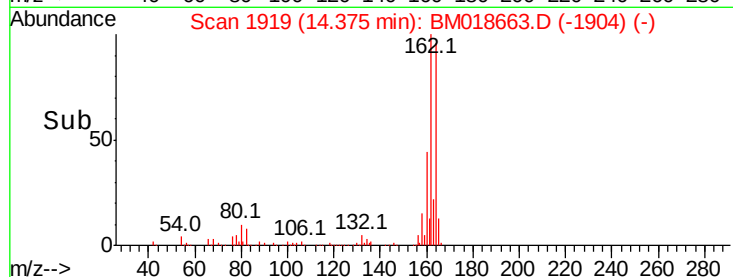
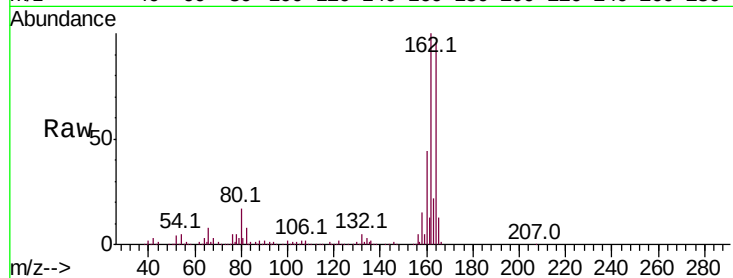
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.0	124.4
160	46.1	37.1	55.7

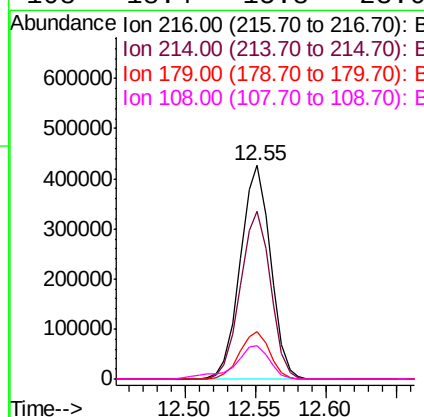
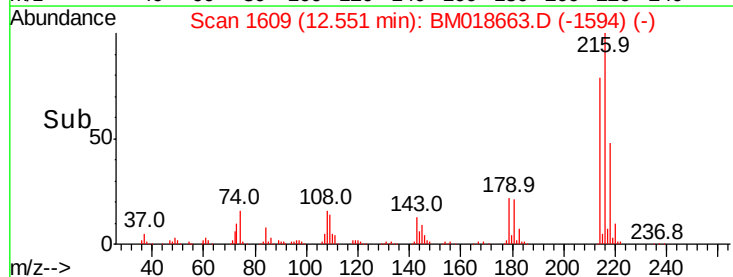
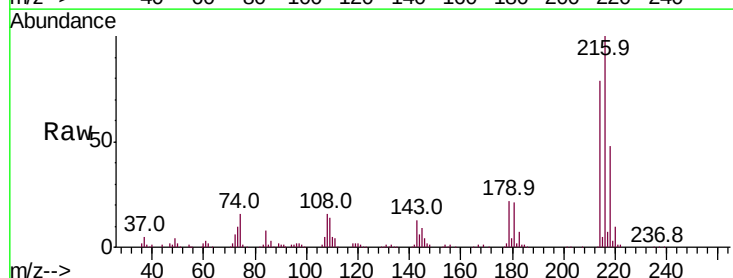
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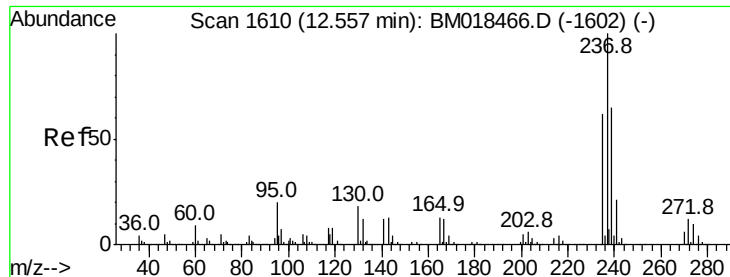
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.669 ng
RT: 12.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	22.0	17.9	26.9
108	18.4	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 56.373 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

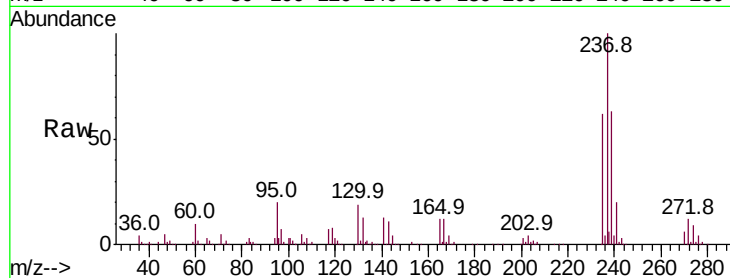
ClientSampleId :

SSTDCCC040

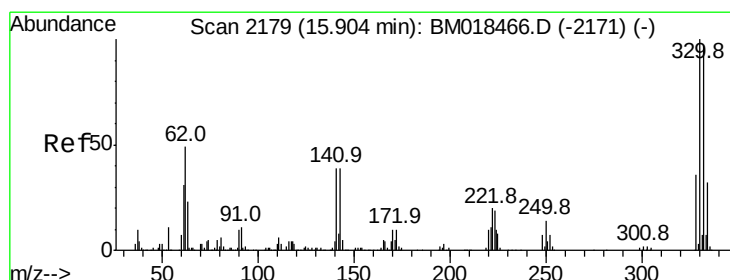
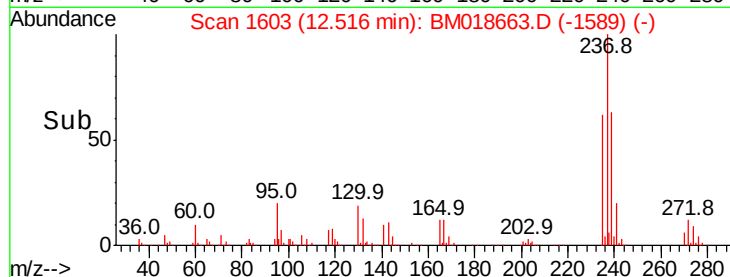
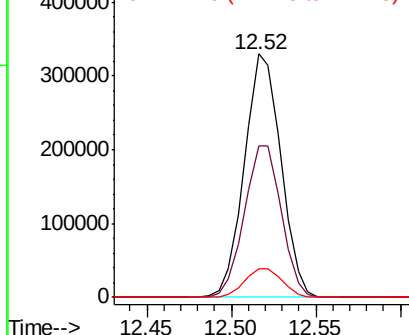
Tot Ion:	237	Resp:	497507
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.8	82.8
272	12.0	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 80.294 ng

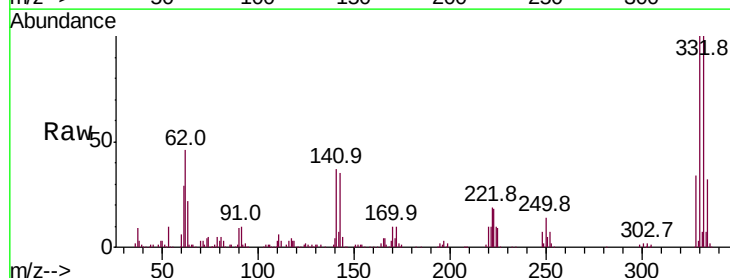
RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

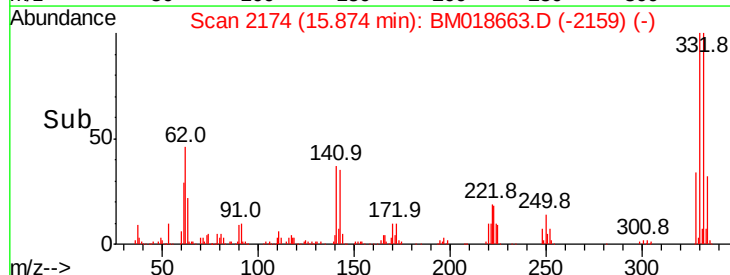
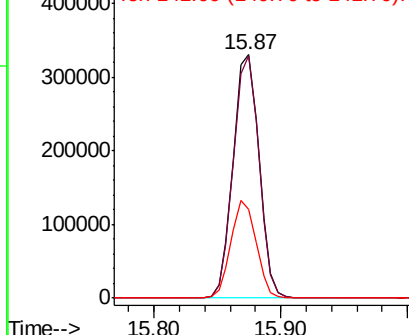
Lab File: BM018663.D

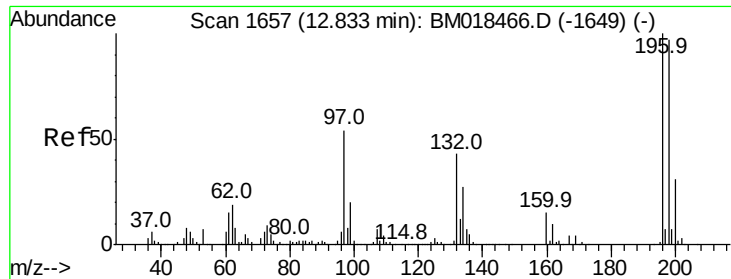
Acq: 28 Jan 2019 14:15

Tgt Ion:	330	Resp:	470122
Ion Ratio	Lower	Upper	
330	100		
332	97.9	77.6	116.4
141	38.8	31.7	47.5



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





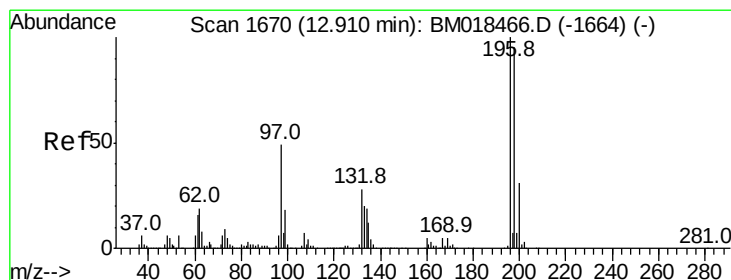
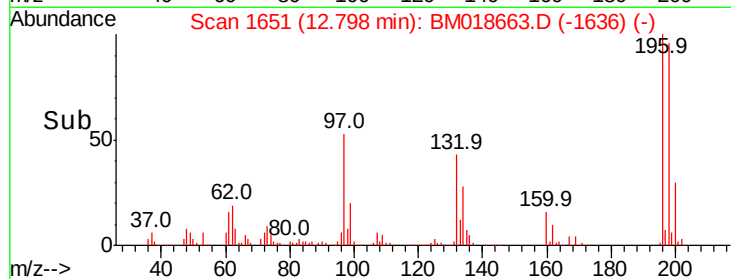
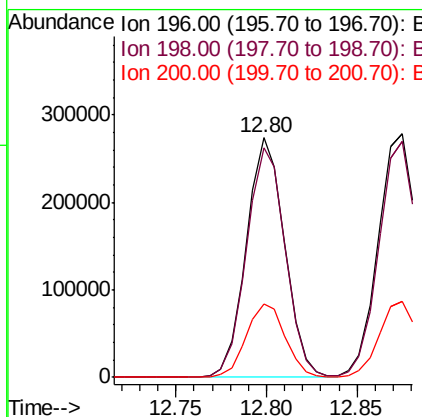
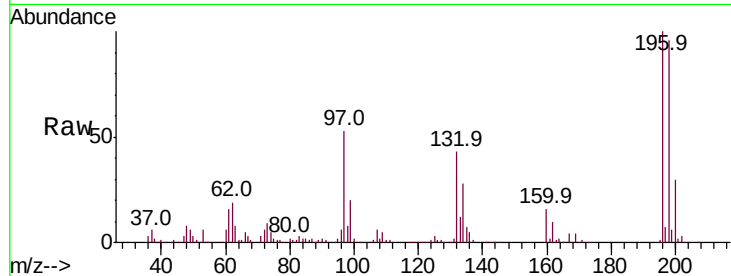
#43
 2,4,6-Trichlorophenol
 Concen: 41.311 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018663.D
 Acq: 28 Jan 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	403397
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.6	115.0
200	30.5	24.2	36.4

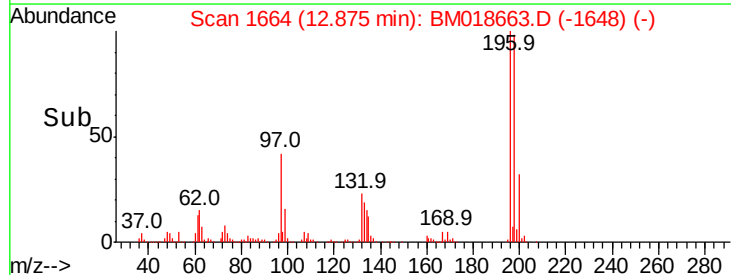
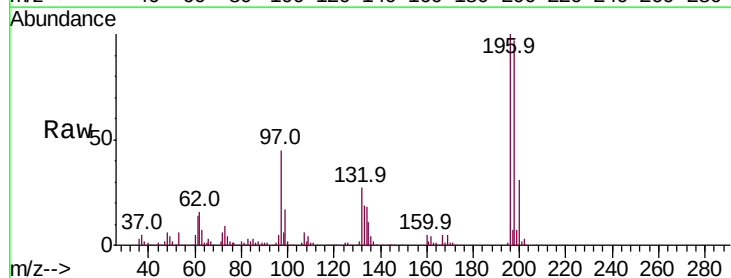
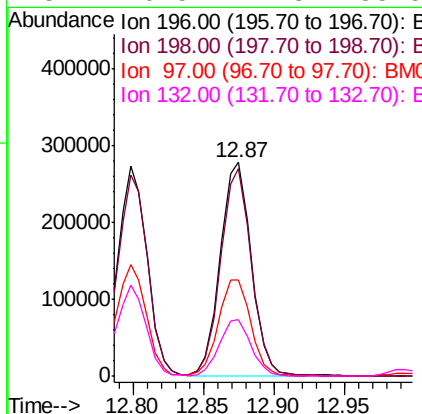
Manual Integrations
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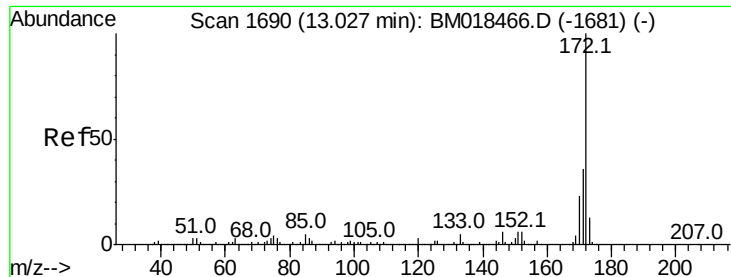
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 41.288 ng
 RT: 12.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BM018663.D
 Acq: 28 Jan 2019 14:15

Tgt Ion:	196	Resp:	424016
Ion Ratio	Lower	Upper	
196	100		
198	97.1	76.7	115.1
97	45.2	39.2	58.8
132	26.5	22.3	33.5





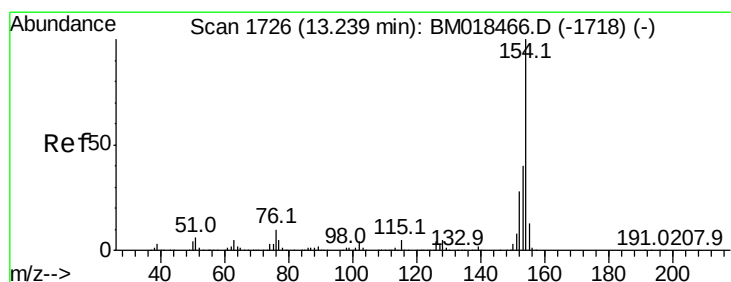
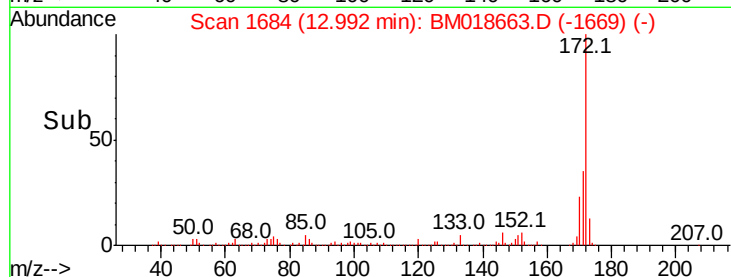
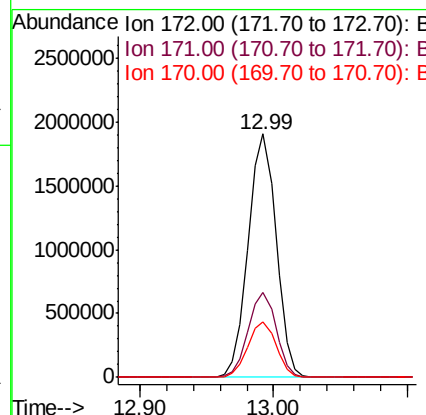
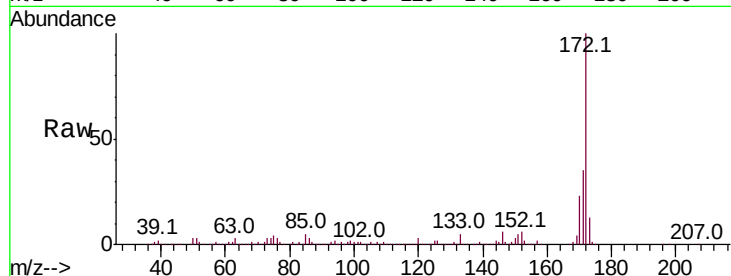
#45
2-Fluorobiphenyl
Concen: 78.041 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	23.0	18.9	28.3

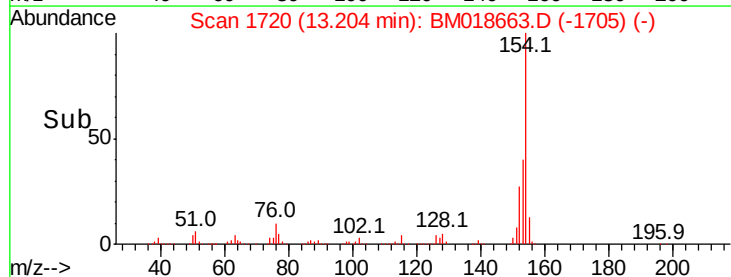
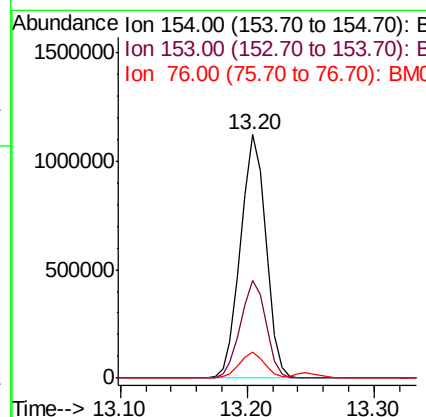
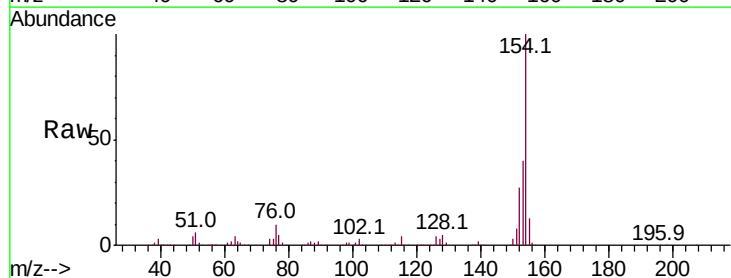
Manual Integrations
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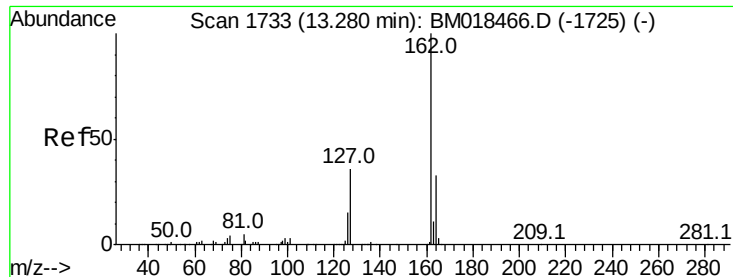
mohammad
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#46
1,1'-Biphenyl
Concen: 38.724 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	10.4	0.0	31.9





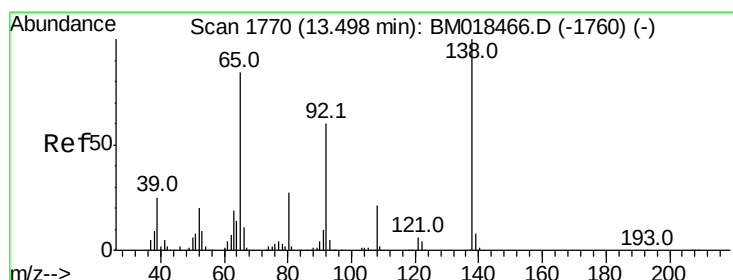
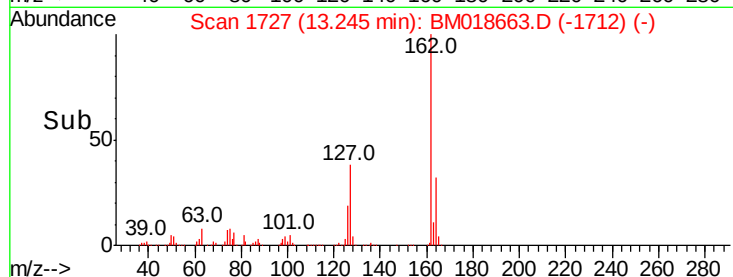
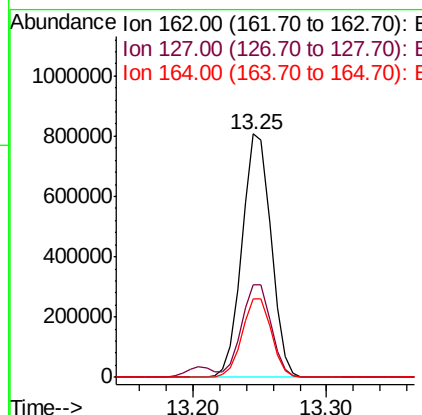
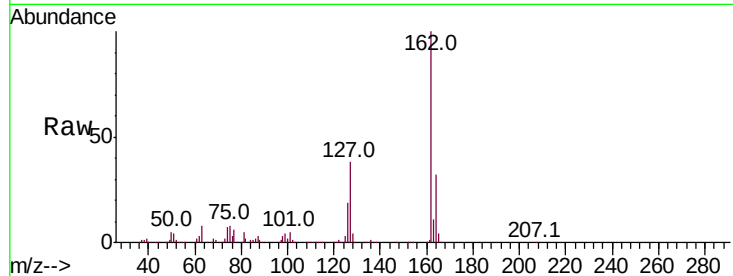
#47
2-Chloronaphthalene
Concen: 38.985 ng
RT: 13.25 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	31.4	47.0
164	32.2	26.2	39.4

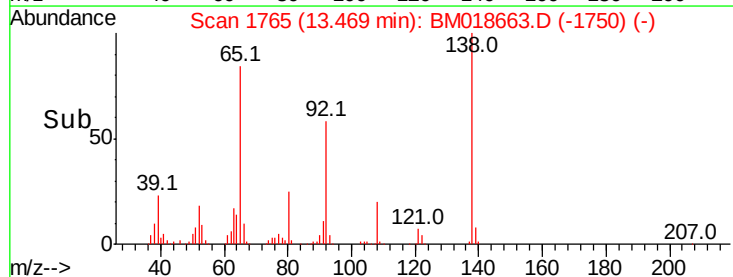
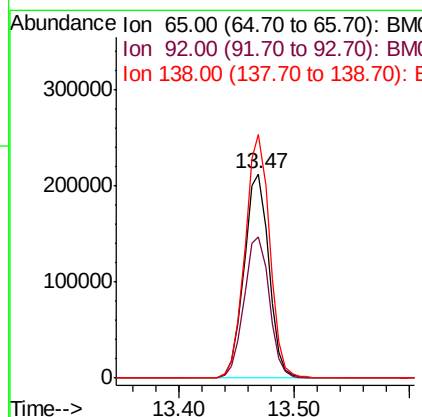
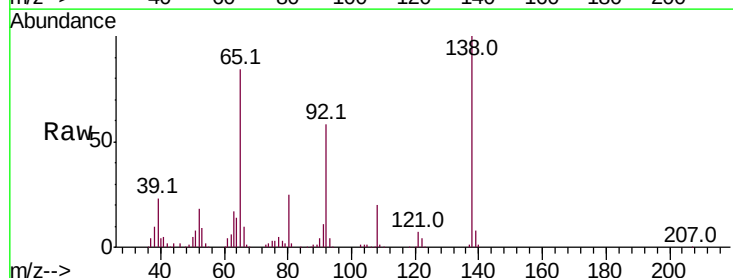
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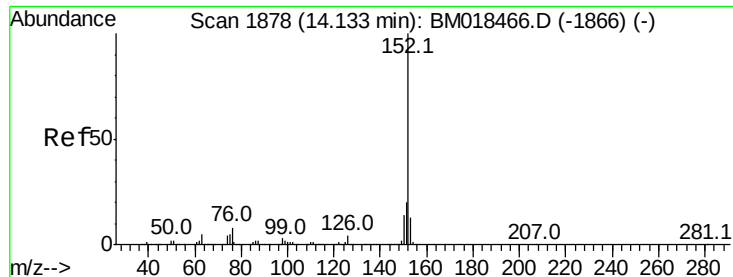
mohammad
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#48
2-Nitroaniline
Concen: 41.414 ng
RT: 13.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.9	53.4	80.2
138	119.0	88.9	133.3





#49

Acenaphthylene

Concen: 38.903 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

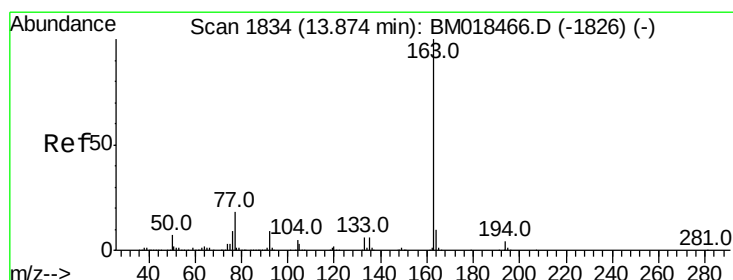
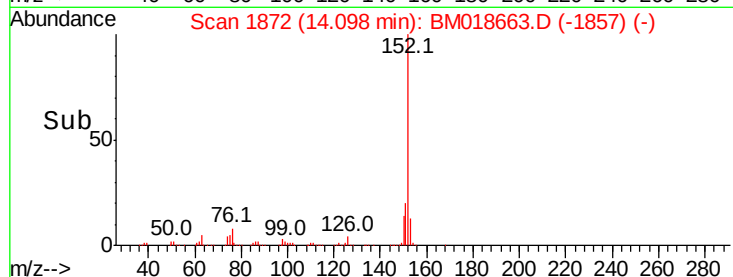
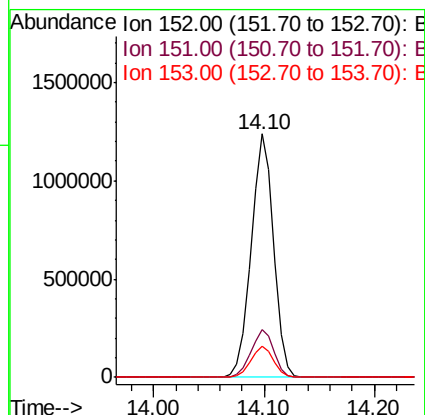
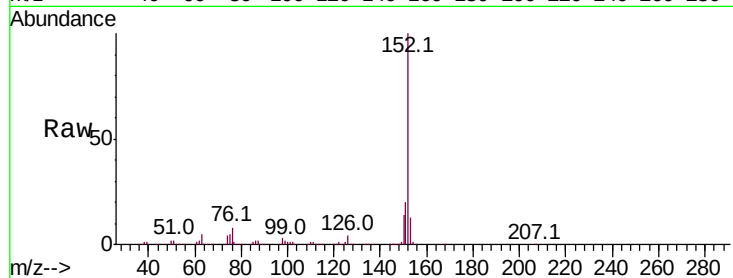
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	1765154
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 37.461 ng

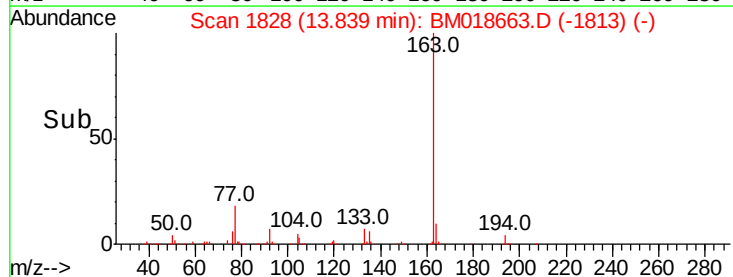
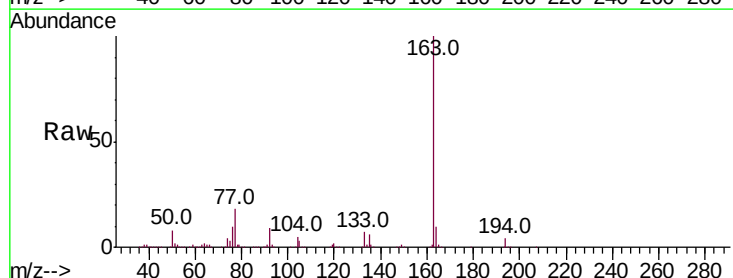
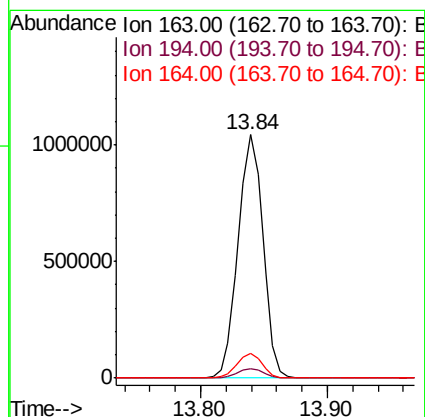
RT: 13.84 min Scan# 1828

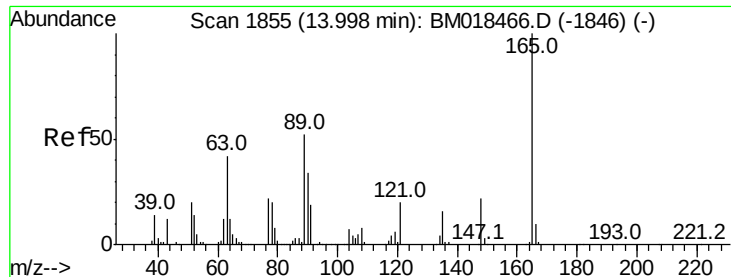
Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tgt Ion:	163	Resp:	1414735
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.3	7.8	11.8





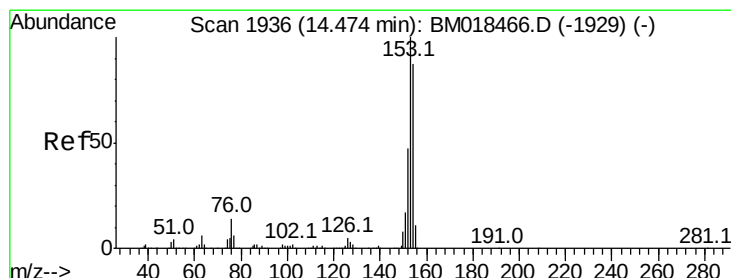
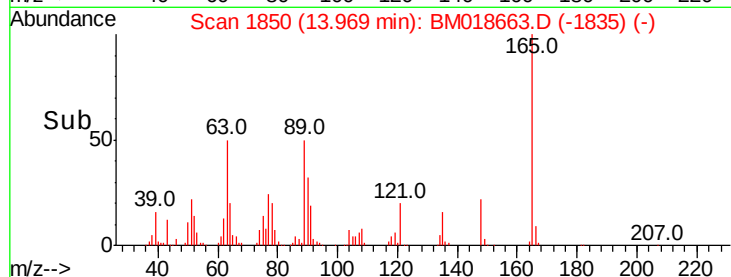
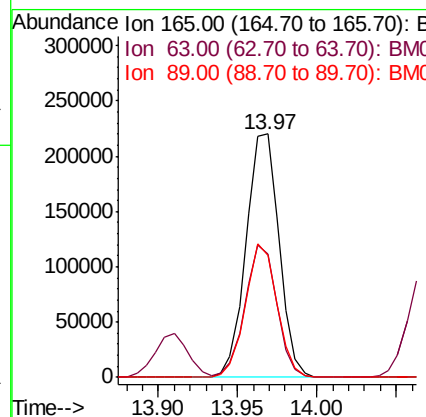
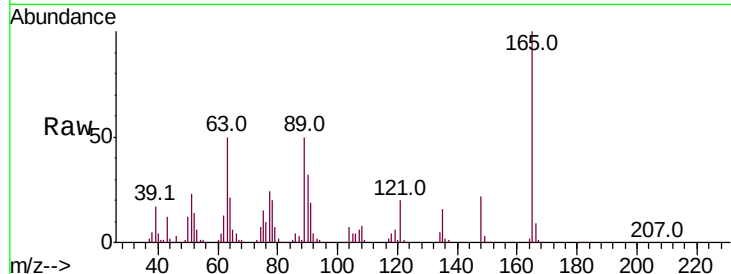
#51
2,6-Dinitrotoluene
Concen: 39.719 ng
RT: 13.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.4	45.6	68.4
89	50.2	44.6	66.8

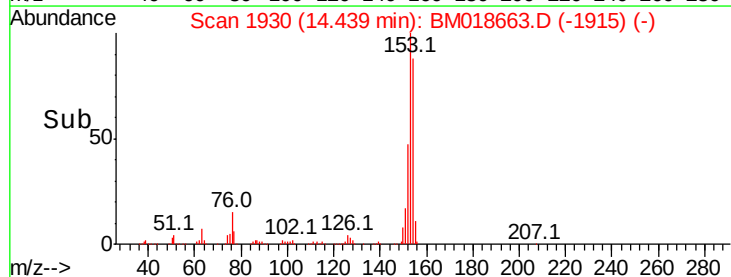
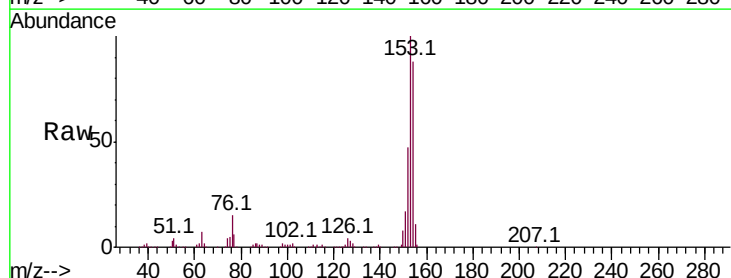
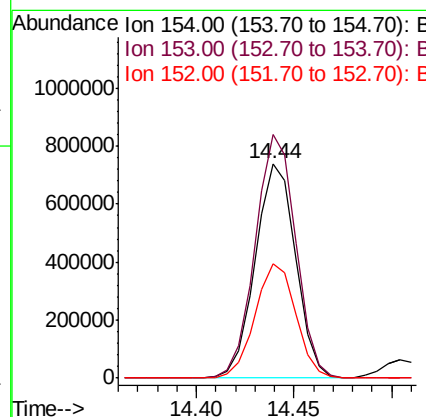
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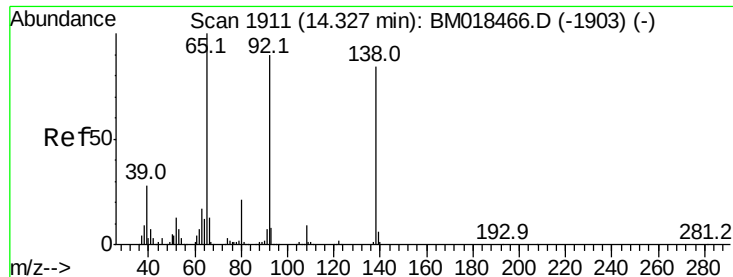
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#52
Acenaphthene
Concen: 38.173 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	92.3	138.5
152	53.1	43.8	65.6





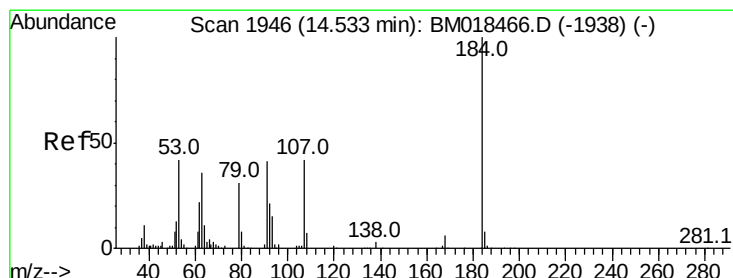
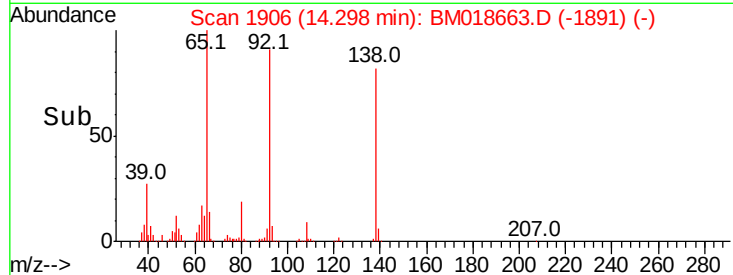
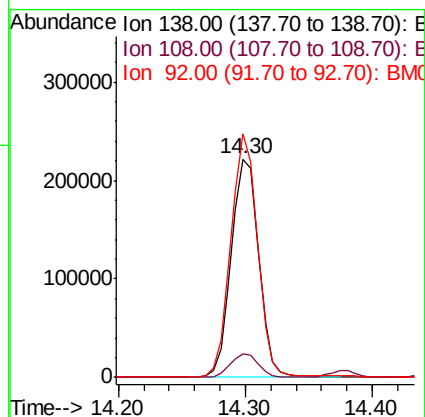
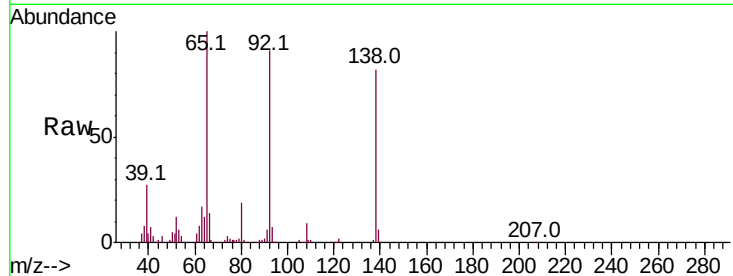
#53
3-Nitroaniline
Concen: 41.328 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	111.4	88.2	132.2

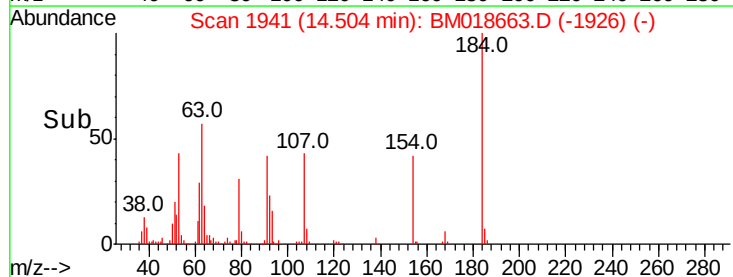
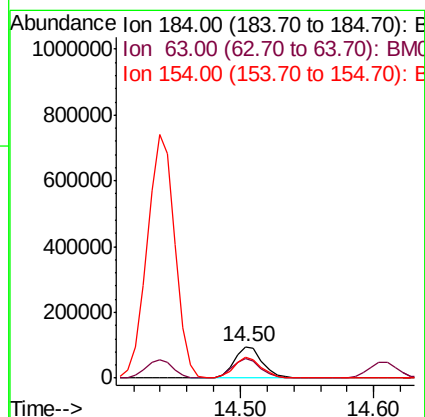
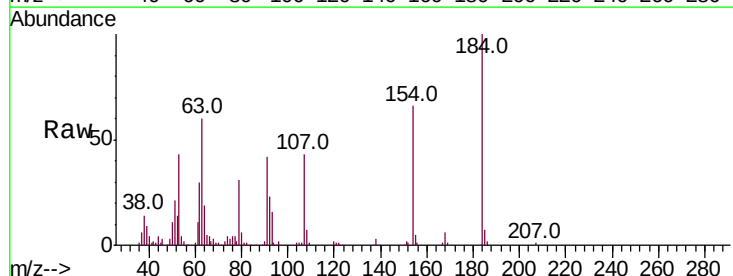
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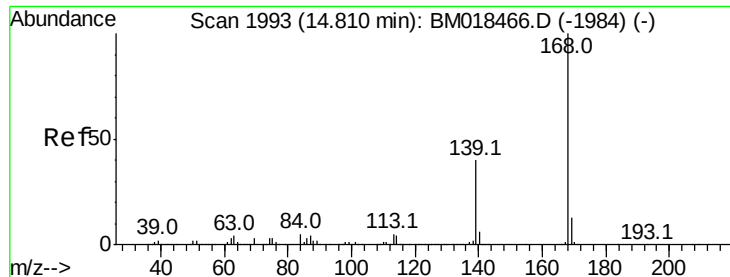
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#54
2,4-Dinitrophenol
Concen: 37.026 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	55.9	83.9
154	66.4	54.2	81.4





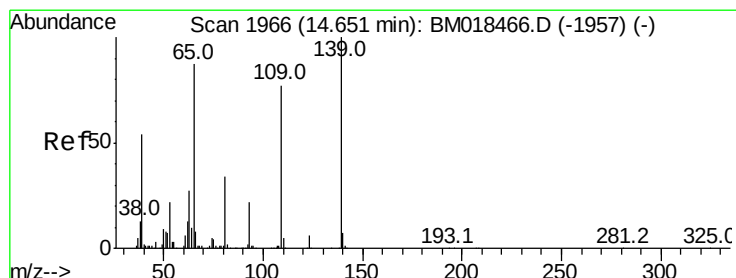
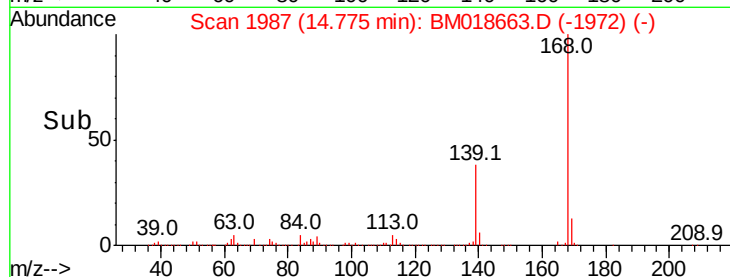
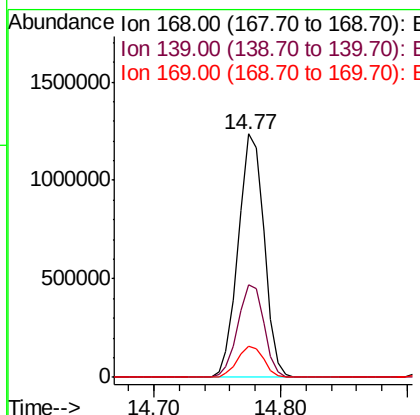
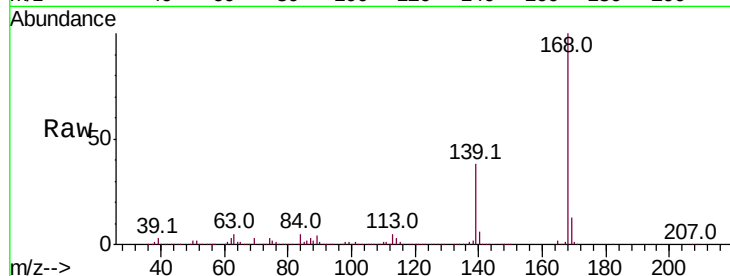
#55
Dibenzofuran
Concen: 37.981 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.3	45.5
169	12.8	10.6	16.0

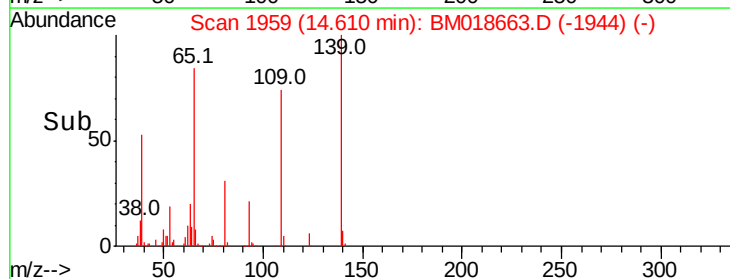
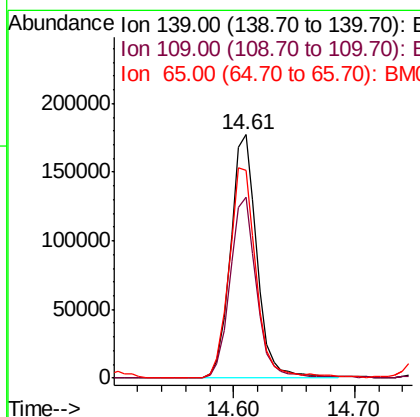
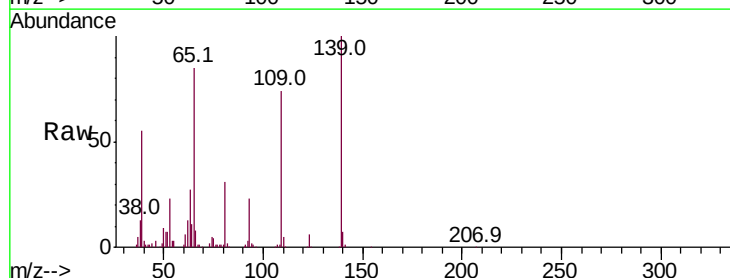
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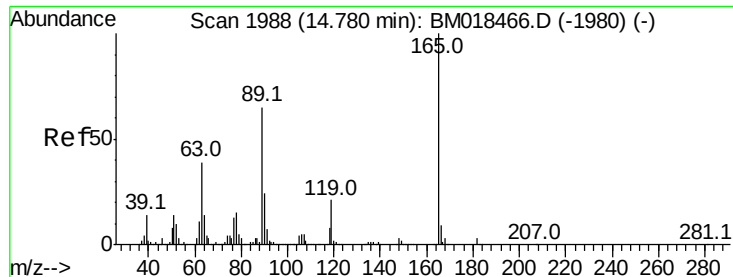
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#56
4-Nitrophenol
Concen: 38.709 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	51.7	91.7
65	85.1	71.4	111.4





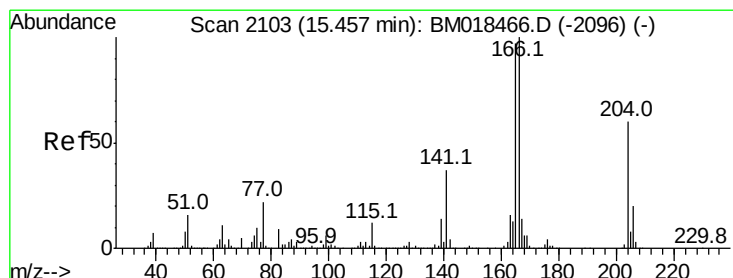
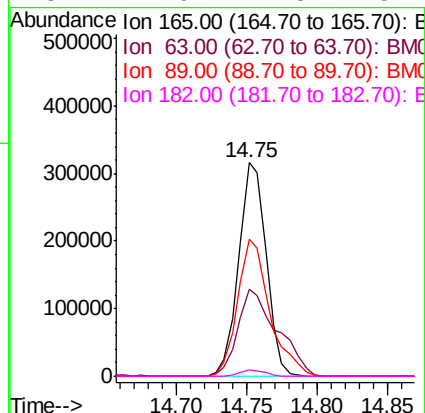
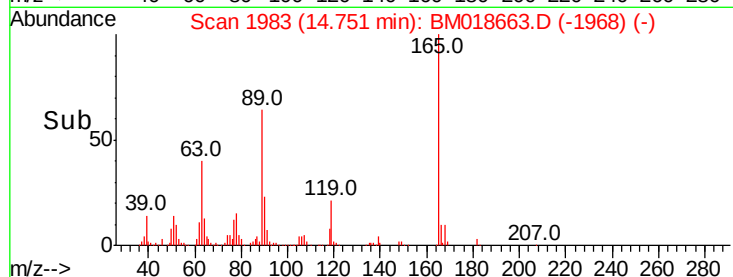
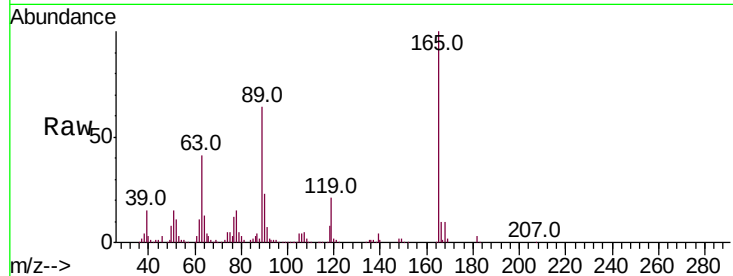
#57
2,4-Dinitrotoluene
Concen: 38.062 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	40.6	32.2	48.2	
89	64.4	52.1	78.1	
182	2.9	2.5	3.7	

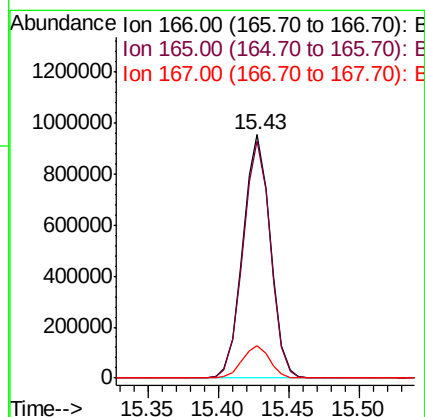
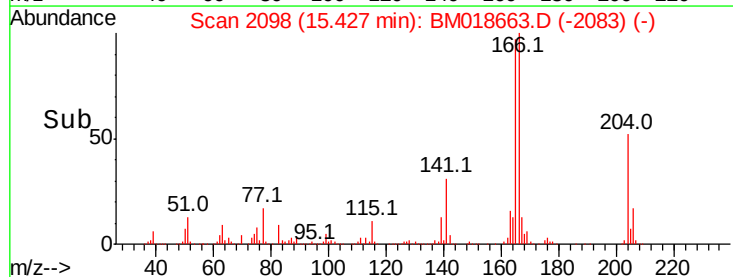
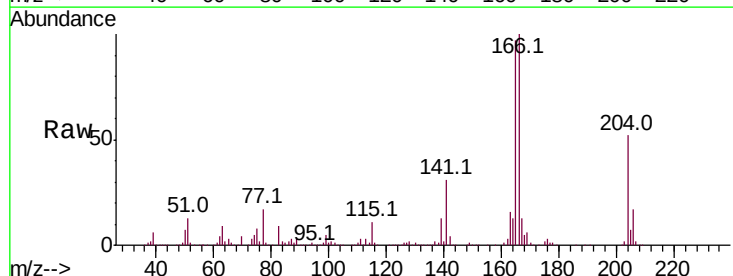
Manual Integrations
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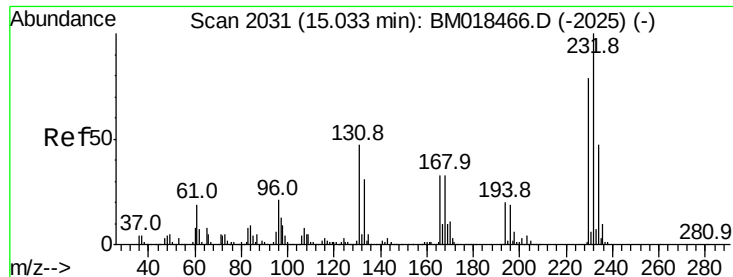
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#58
Fluorene
Concen: 37.965 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	78.3	117.5	
167	13.4	10.9	16.3	





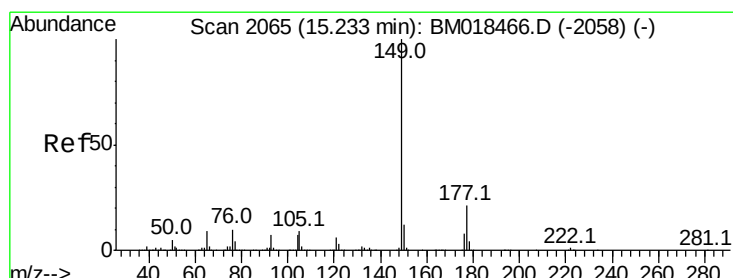
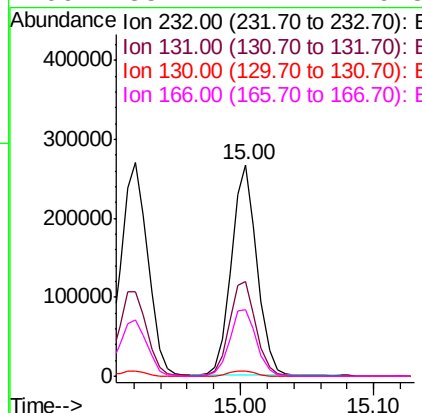
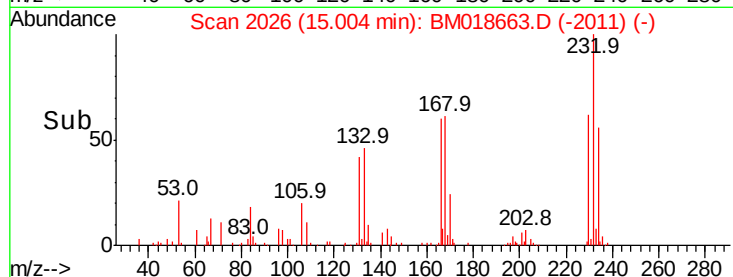
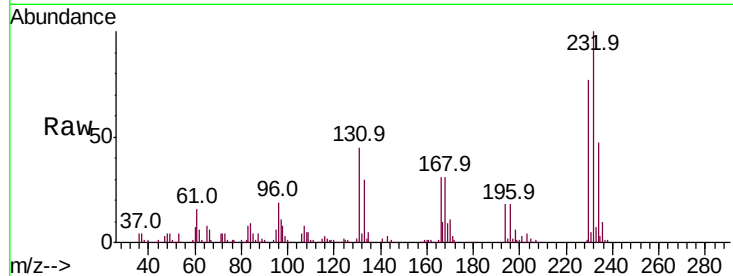
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.257 ng
 RT: 15.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BM018663.D
 Acq: 28 Jan 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	46.8	38.6	57.8
130	2.6	2.2	3.4
166	33.4	27.2	40.8

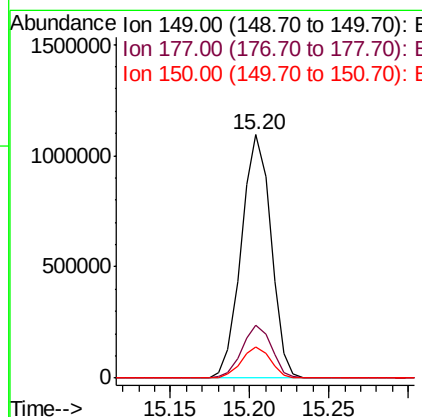
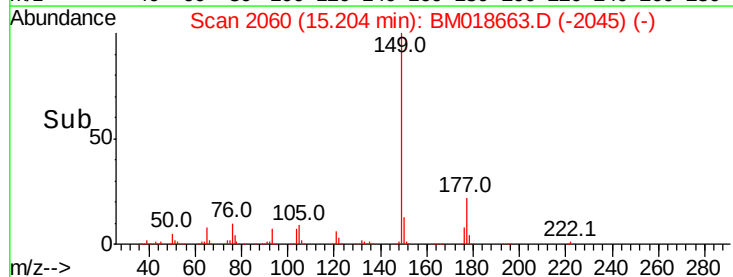
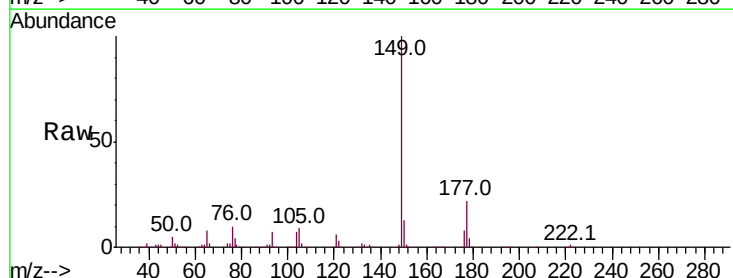
Manual Integrations
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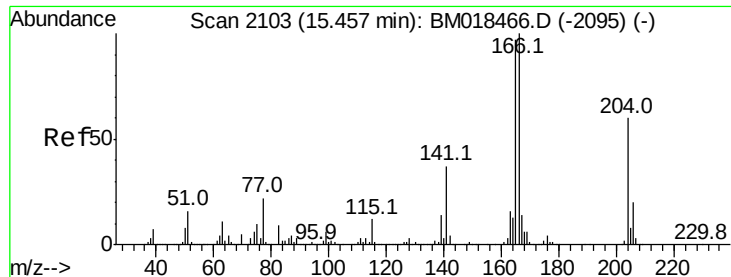
mohammad
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#60
 Diethylphthalate
 Concen: 37.365 ng
 RT: 15.20 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BM018663.D
 Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.7	17.1	25.7
150	12.7	9.8	14.6





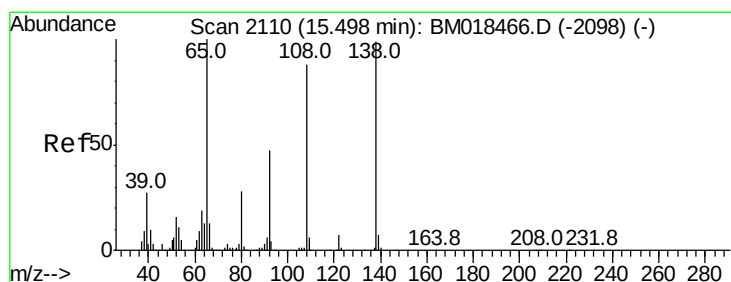
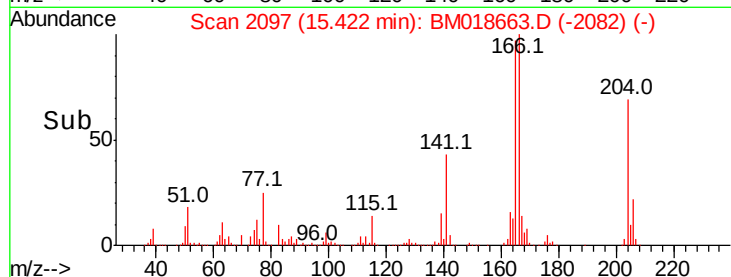
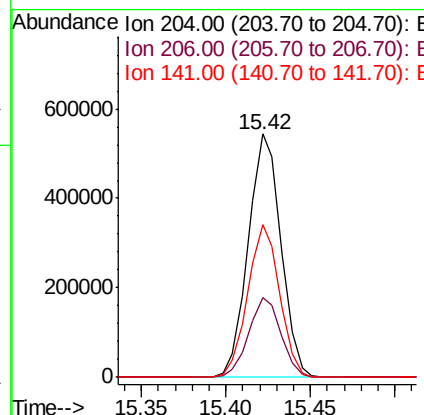
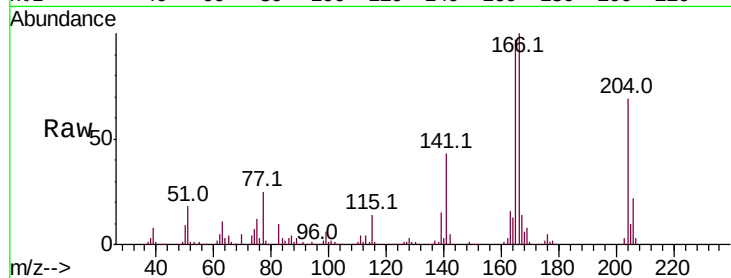
#61
4-Chlorophenyl-phenylether
Concen: 37.303 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.6
141	62.5	49.5	74.3

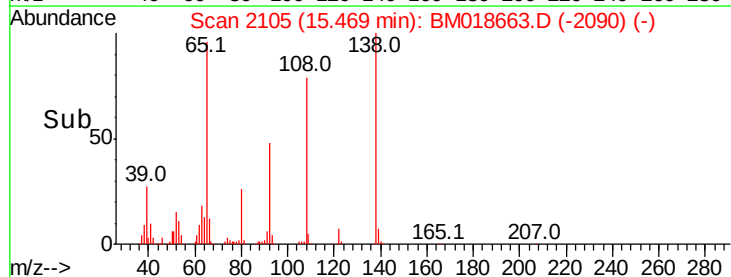
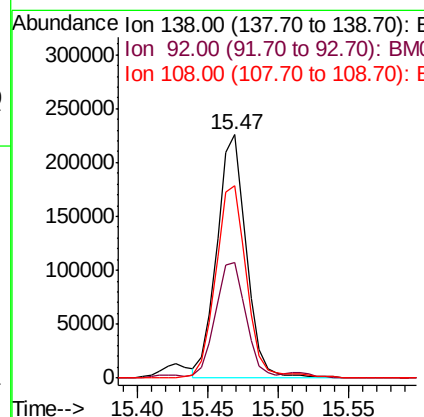
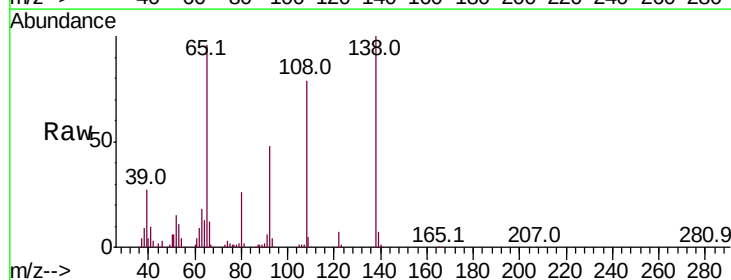
Manual Integrations
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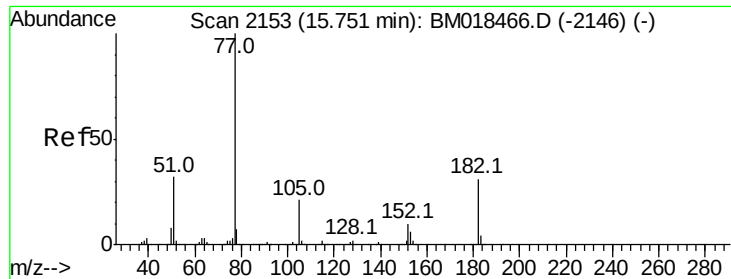
mohammad
1/29/2019 10:06:34 AM



#62
4-Nitroaniline
Concen: 36.890 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	29.0	69.0
108	79.2	63.9	103.9





#63

Azobenzene

Concen: 38.296 ng

RT: 15.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 1190363

Ion Ratio Lower Upper

77 100

182 28.1 7.4 47.4

105 20.9 0.0 39.6

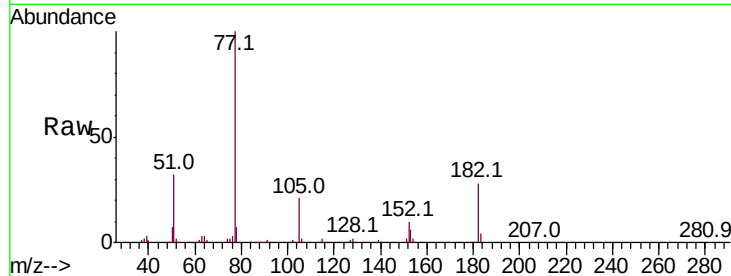
51 31.9 12.0 52.0

Manual Integrations

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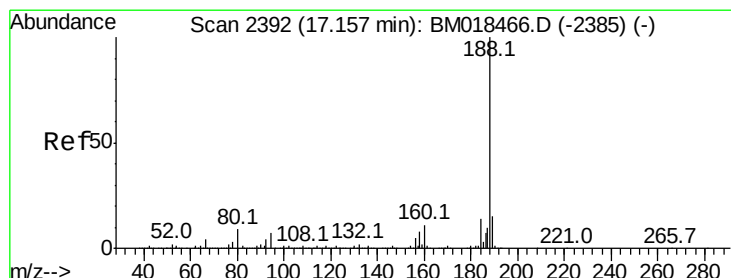
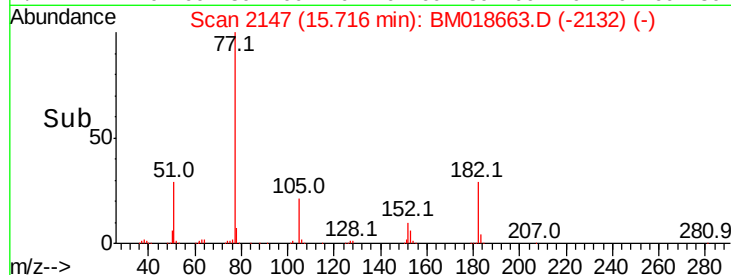
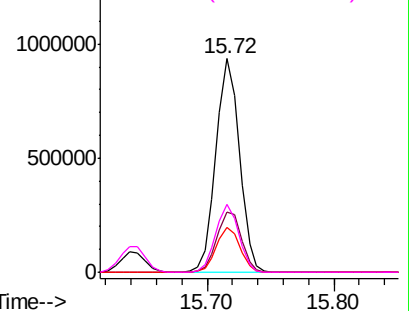


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)

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

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

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

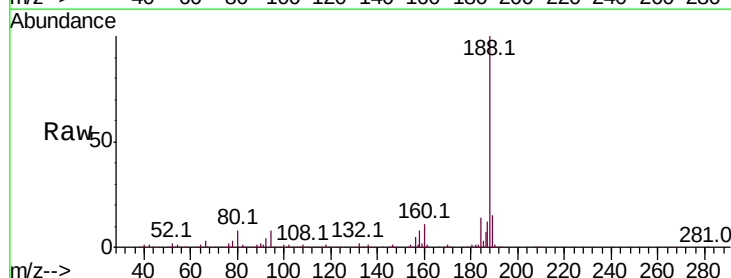
Tgt Ion: 188 Resp: 1004852

Ion Ratio Lower Upper

188 100

94 7.7 7.1 10.7

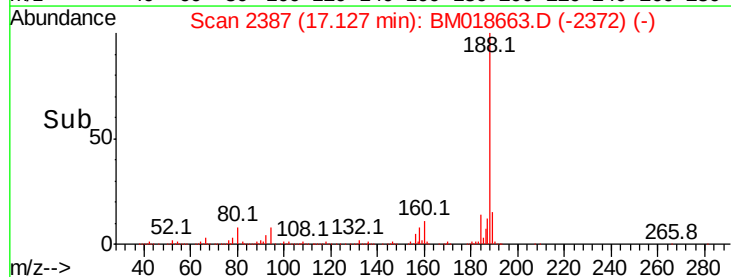
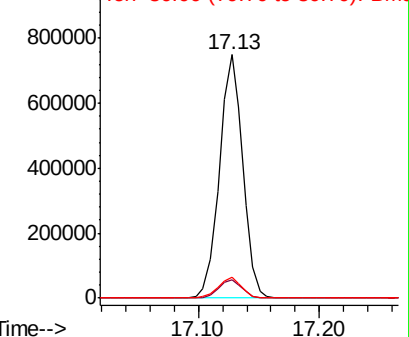
80 8.4 7.6 11.4

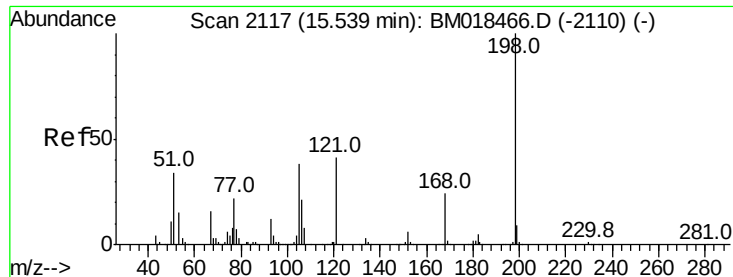


Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)

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

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





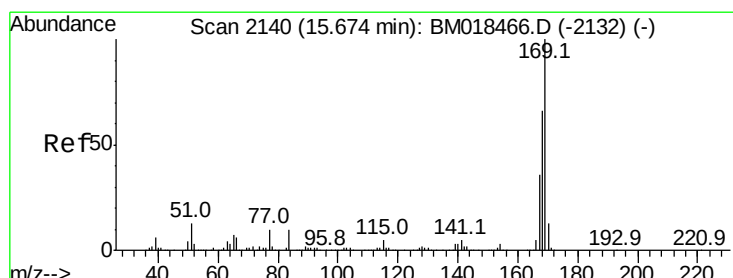
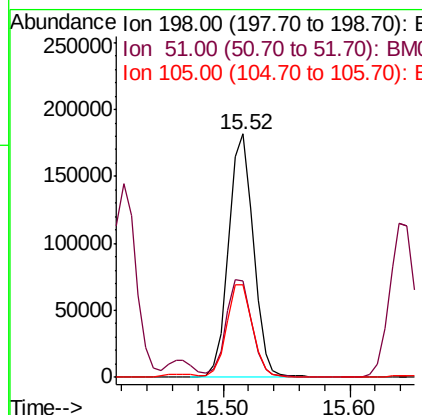
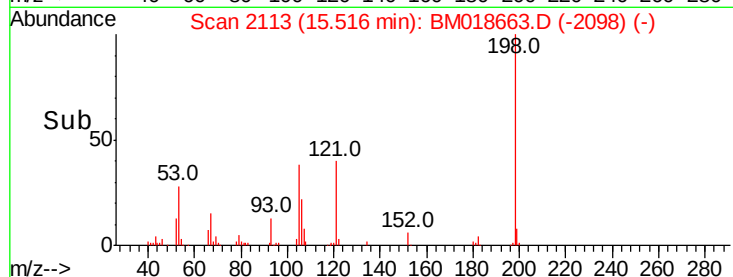
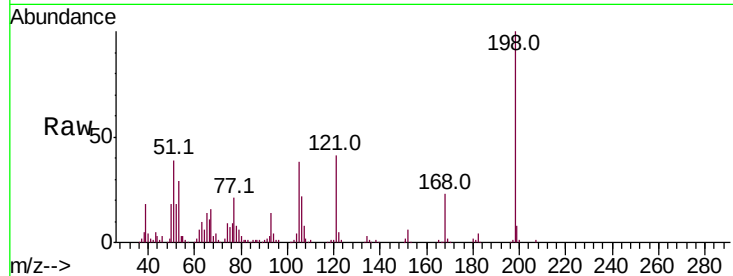
#65
4,6-Dinitro-2-methylphenol
Concen: 39.511 ng
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	246183		
51	39.5	29.6	69.6	
105	38.2	25.5	65.5	

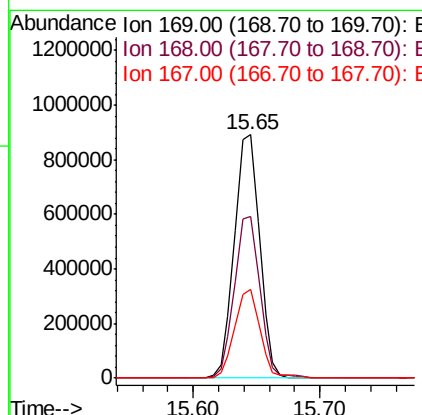
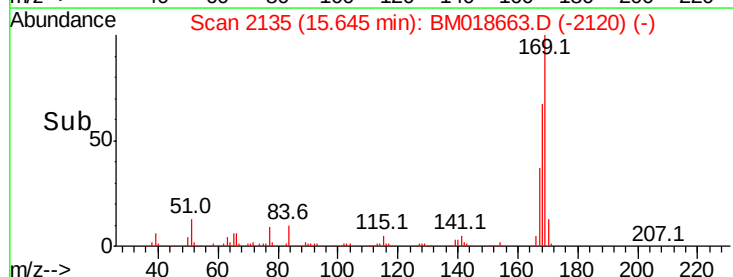
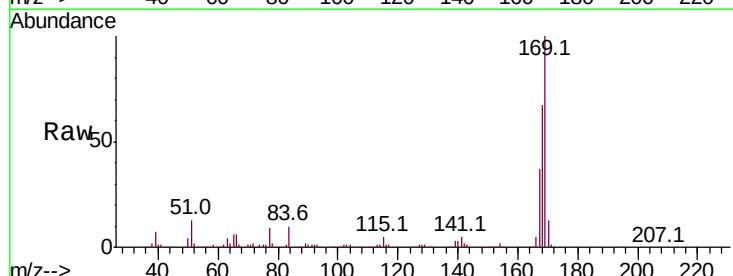
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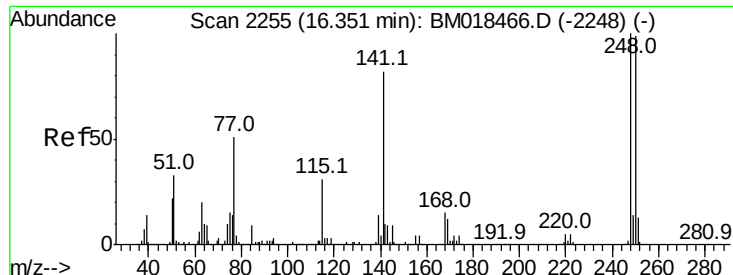
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.399 ng
RT: 15.65 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1228058		
168	66.6	54.1	81.1	
167	36.6	28.6	42.8	





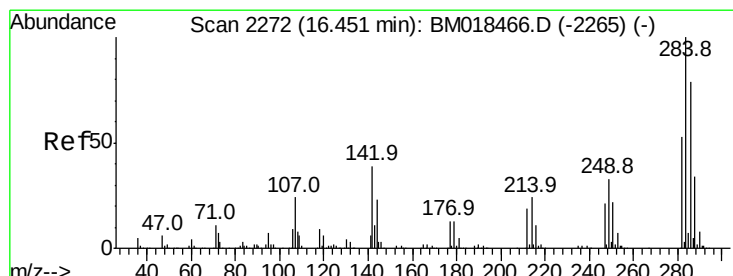
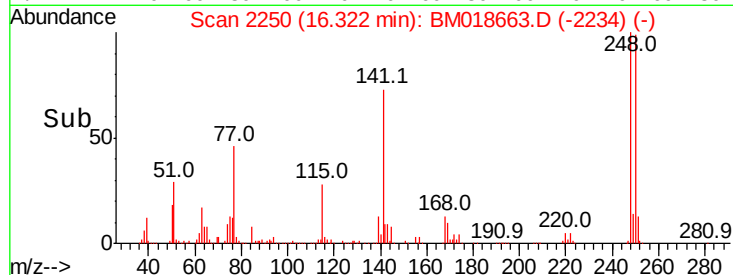
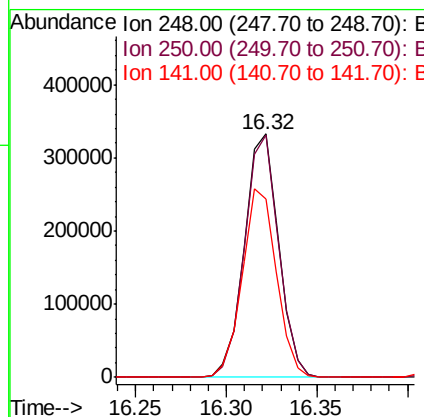
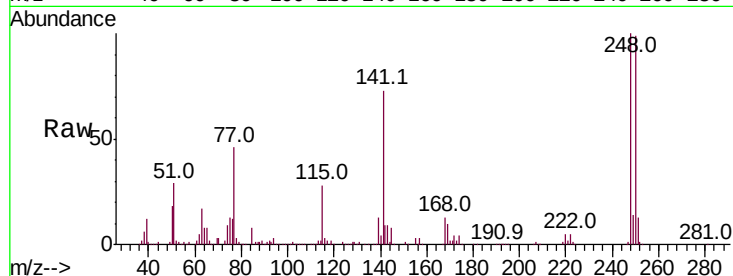
#67
 4-Bromophenyl-phenylether
 Concen: 38.834 ng
 RT: 16.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BM018663.D
 Acq: 28 Jan 2019 14:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	248	Resp:	436683
Ion Ratio		Lower	Upper
248	100		
250	99.4	76.0	114.0
141	73.1	61.5	92.3

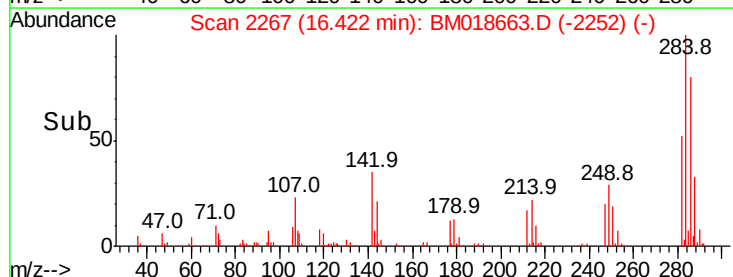
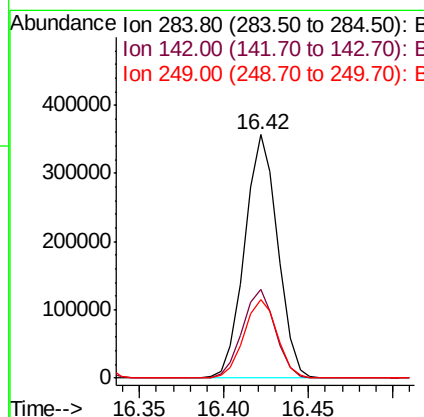
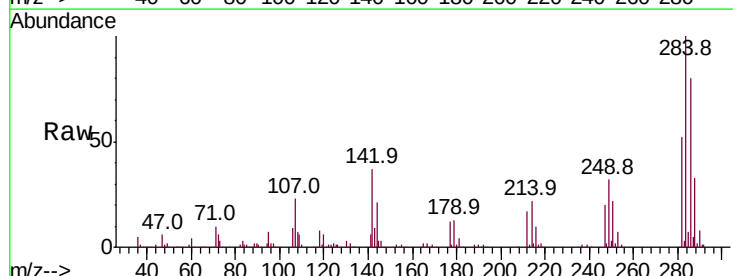
Manual Integrations
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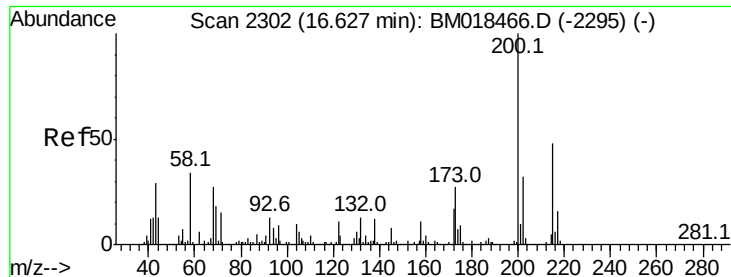
mohammad
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#68
 Hexachlorobenzene
 Concen: 38.676 ng
 RT: 16.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM018663.D
 Acq: 28 Jan 2019 14:15

Tgt Ion:	284	Resp:	486880
Ion Ratio		Lower	Upper
284	100		
142	36.5	29.2	43.8
249	32.2	26.1	39.1





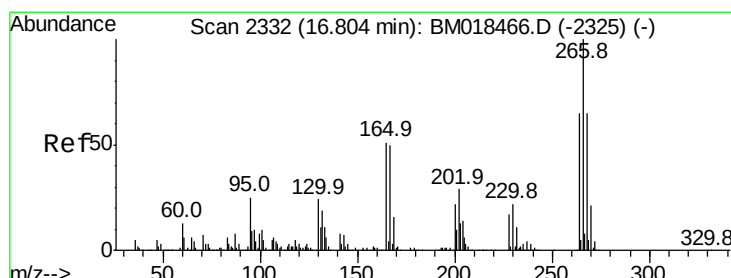
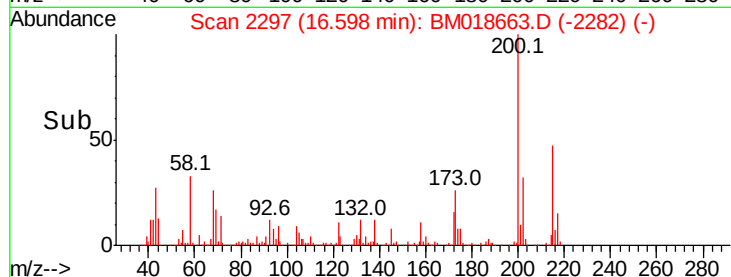
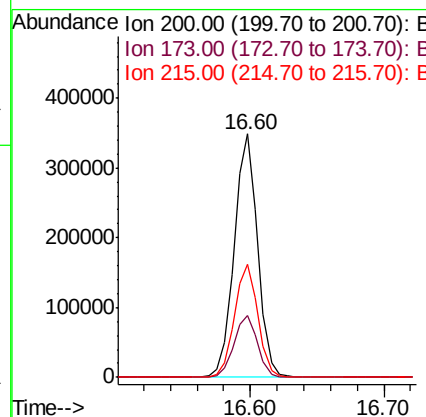
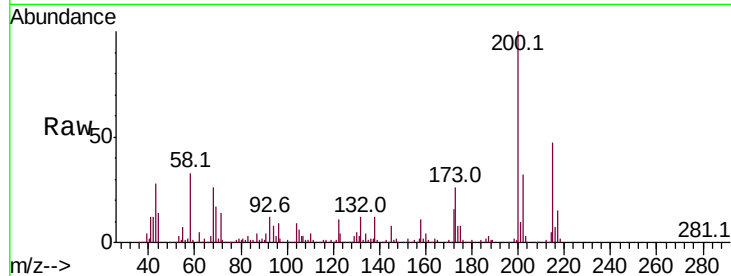
#69
Atrazine
Concen: 37.957 ng
RT: 16.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.6	7.2	47.2
215	46.7	28.3	68.3

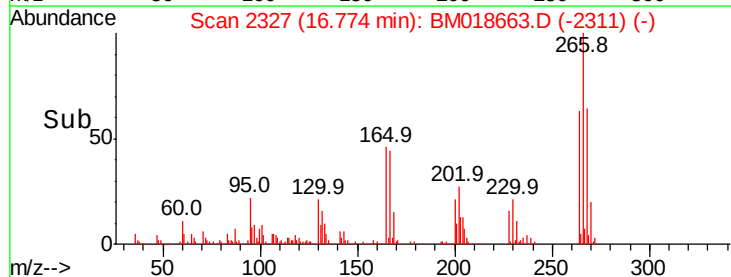
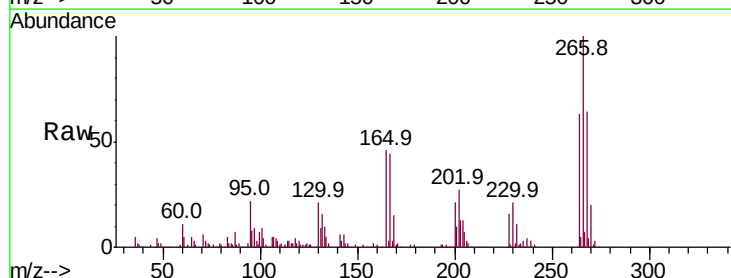
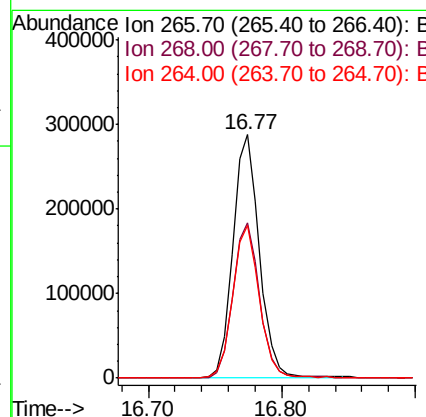
Manual Integrations
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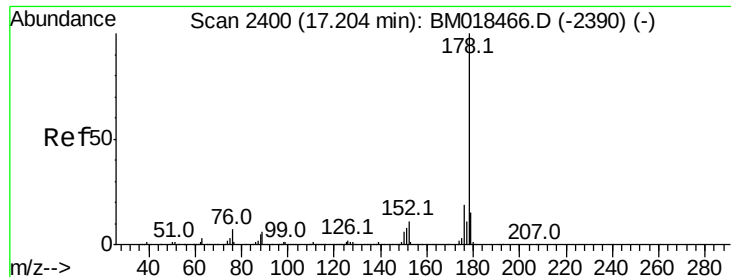
mohammad
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#70
Pentachlorophenol
Concen: 48.681 ng
RT: 16.77 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	49.8	74.6
264	62.9	50.1	75.1





#71

Phenanthrene

Concen: 38.361 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2050288

Ion Ratio Lower Upper

178 100

176 18.8 15.4 23.0

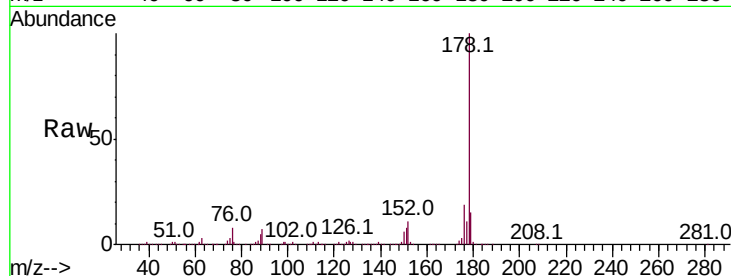
179 15.2 12.2 18.4

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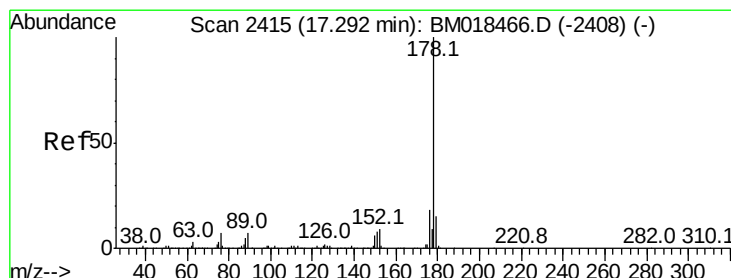
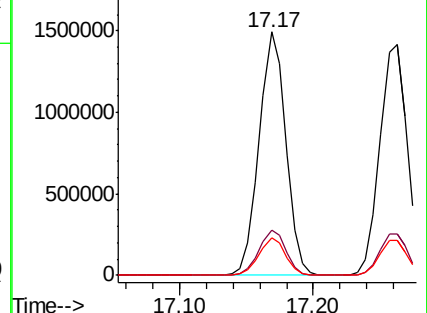
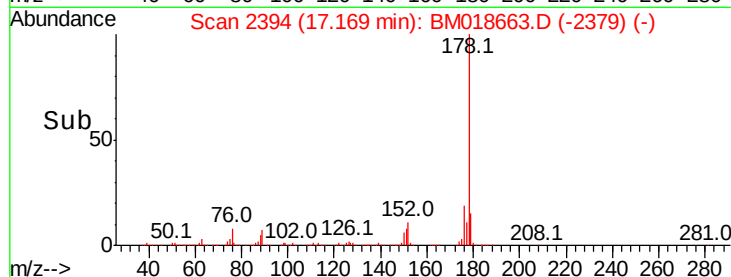
1/29/2019 10:06:34 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.188 ng

RT: 17.26 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

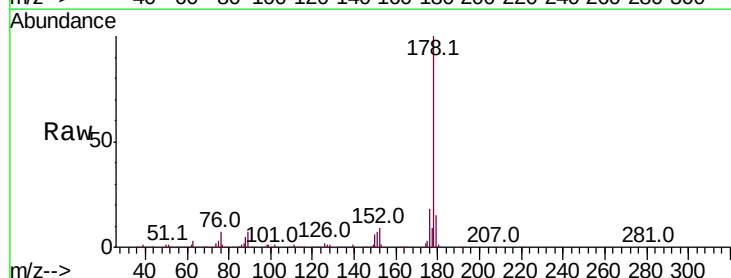
Tgt Ion:178 Resp: 2014109

Ion Ratio Lower Upper

178 100

176 18.1 14.7 22.1

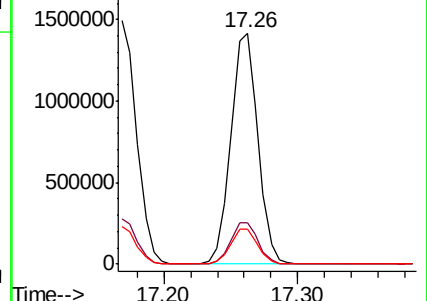
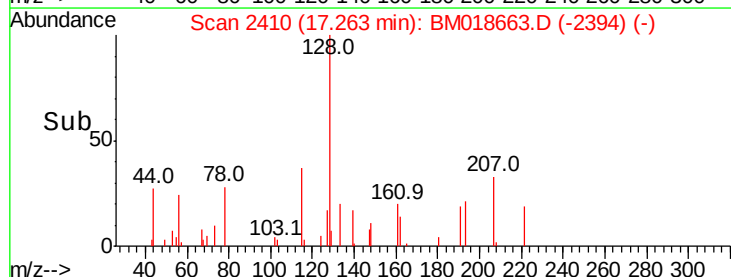
179 15.2 12.2 18.4

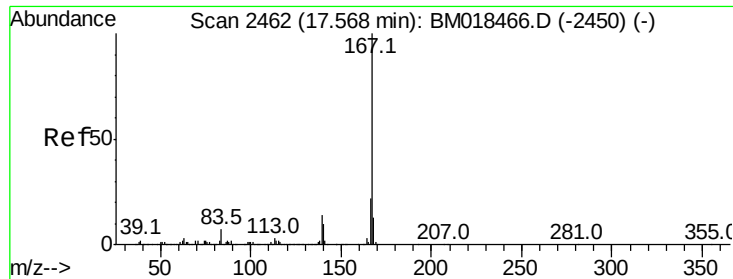


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.108 ng

RT: 17.54 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 2065072

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	13.2	10.6	16.0

167 100

166 21.4 17.4 26.2

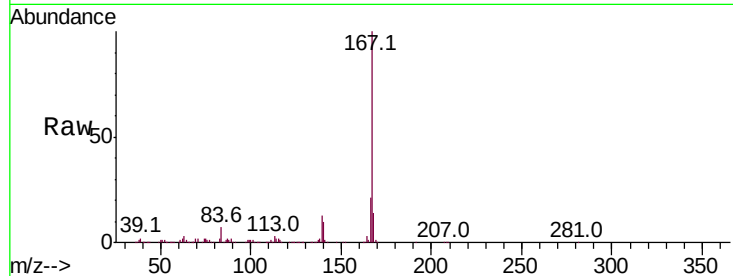
139 13.2 10.6 16.0

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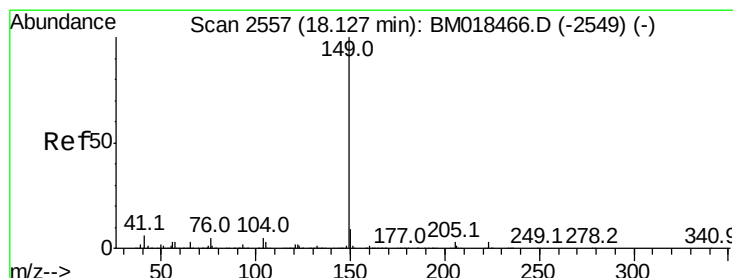
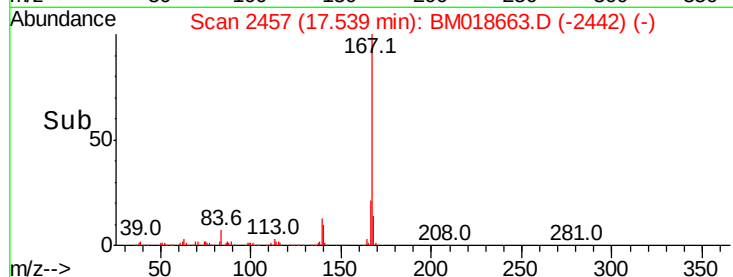
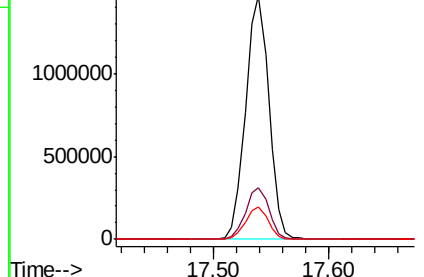
1/29/2019 10:06:34 AM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.947 ng

RT: 18.09 min Scan# 2551

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

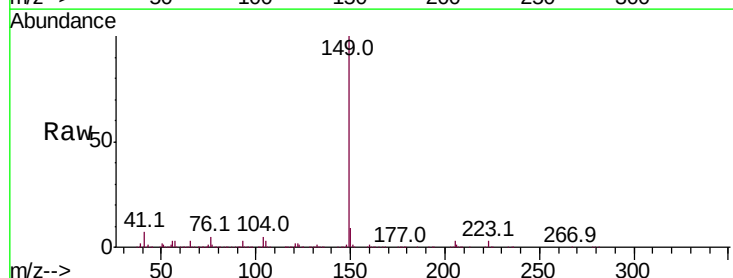
Tgt Ion:149 Resp: 2368385

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	5.2	4.2	6.4

149 100

150 9.2 7.3 10.9

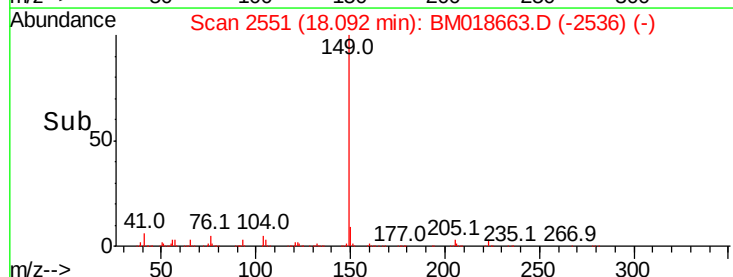
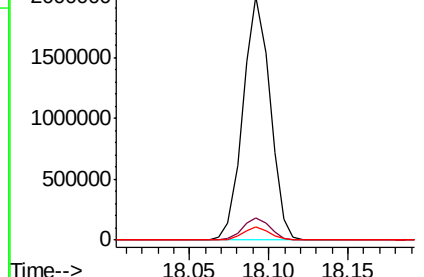
104 5.2 4.2 6.4

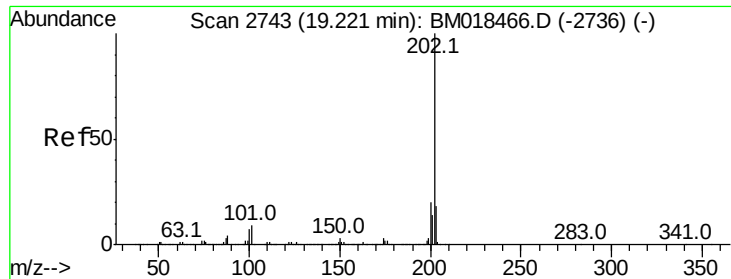


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





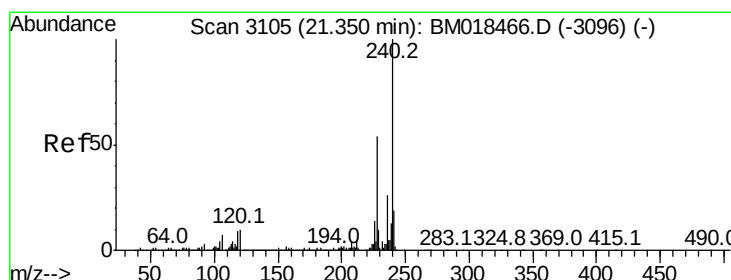
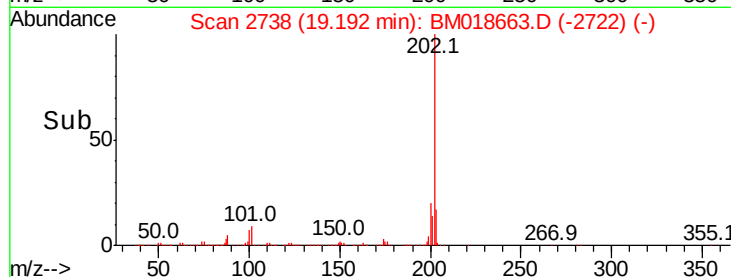
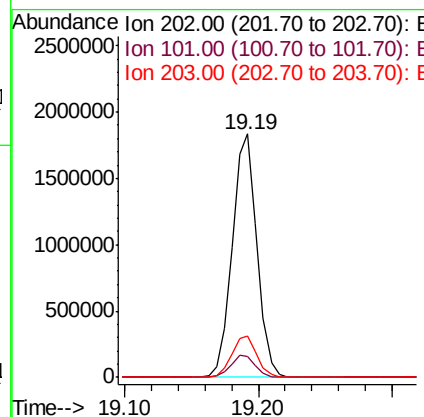
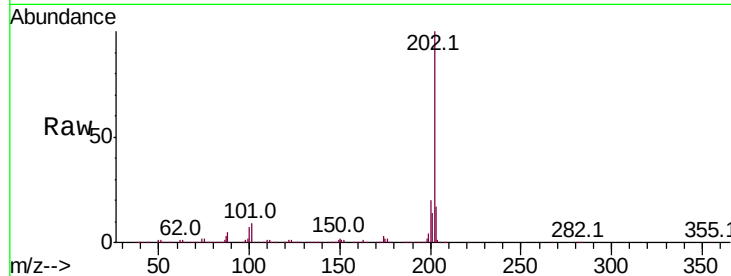
#75
Fluoranthene
Concen: 38.525 ng
RT: 19.19 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.9
203	16.9	0.0	37.4

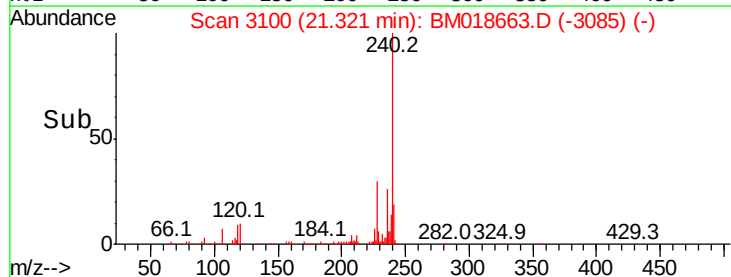
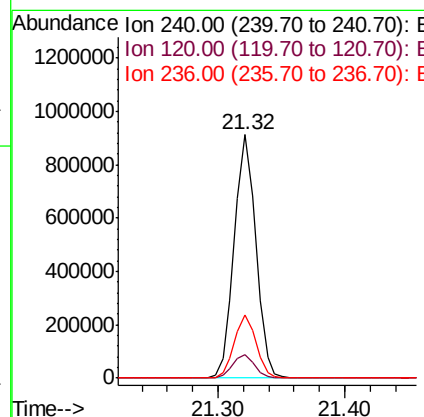
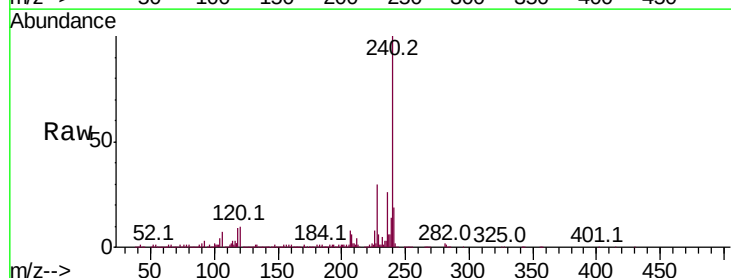
Manual Integrations
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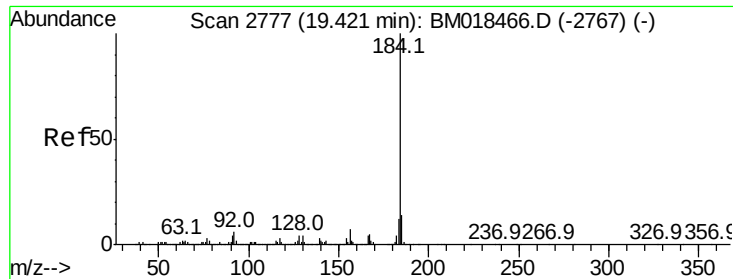
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.4	12.6
236	25.7	20.7	31.1





#77

Benzidine

Concen: 38.645 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1025537

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.0

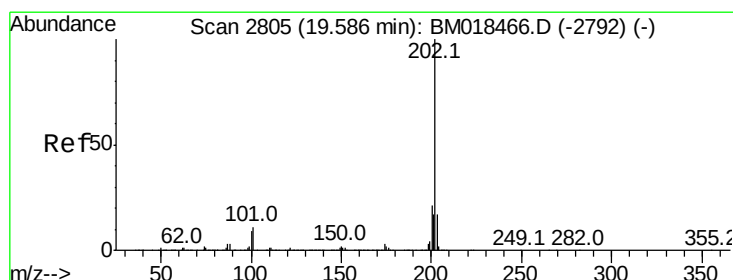
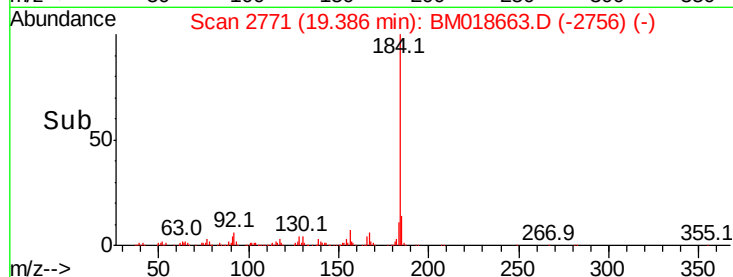
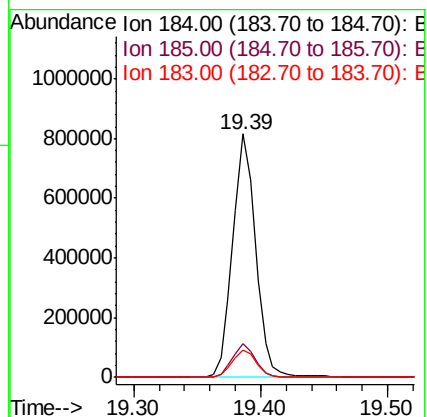
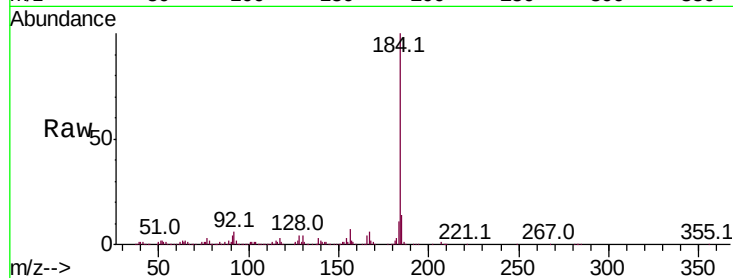
183 11.4 9.5 14.3

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#78

Pyrene

Concen: 39.504 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

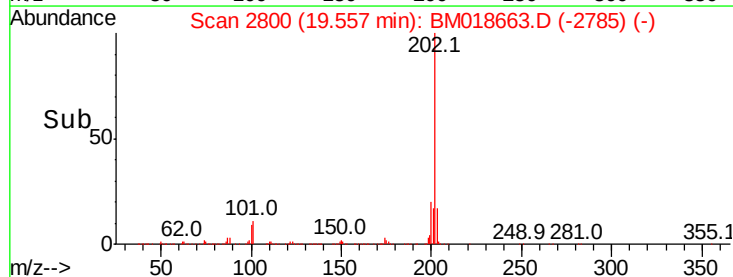
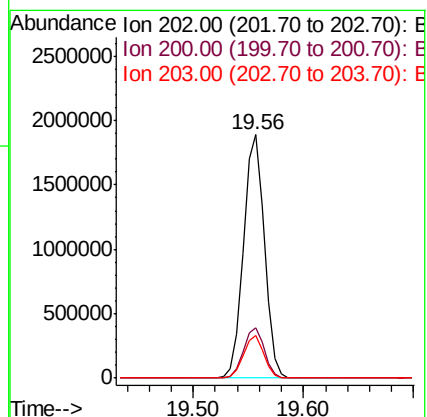
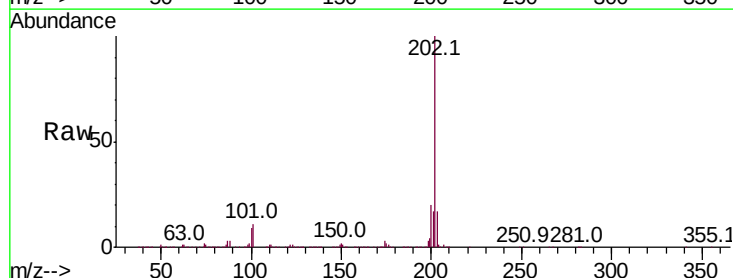
Tgt Ion:202 Resp: 2516673

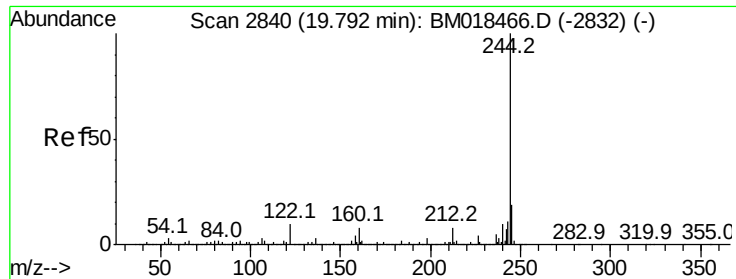
Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 80.800 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 4119544

Ion Ratio Lower Upper

244 100

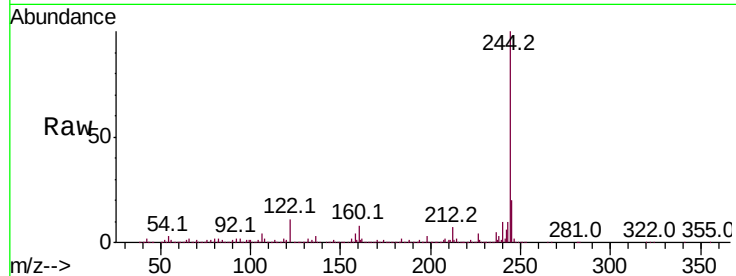
212 7.4 5.9 8.9

122 10.6 9.0 13.4

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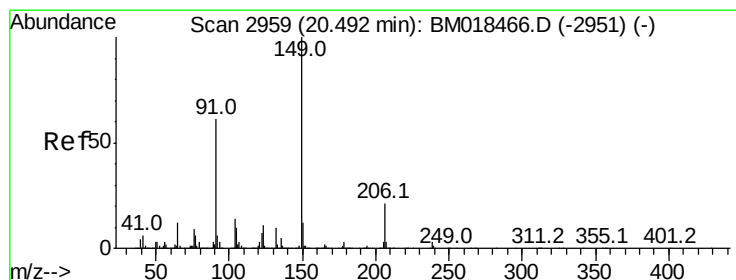
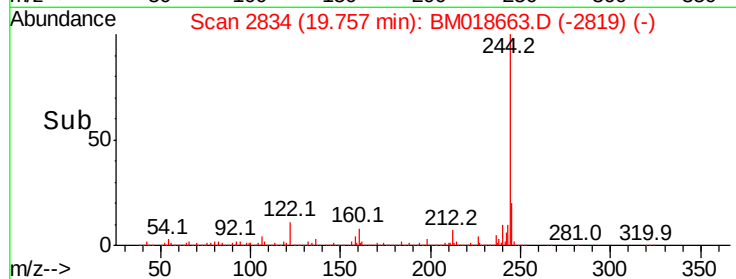
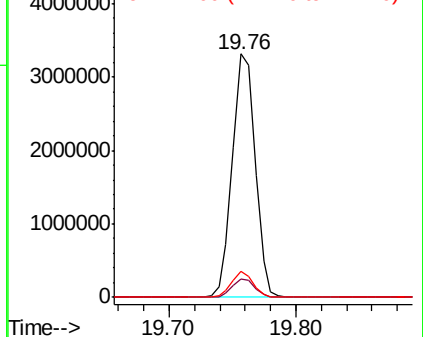
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.940 ng

RT: 20.46 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

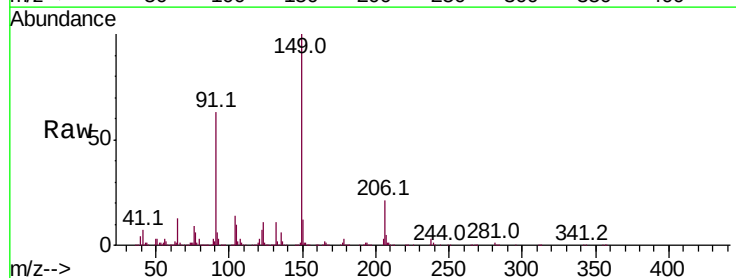
Tgt Ion:149 Resp: 1112938

Ion Ratio Lower Upper

149 100

91 63.1 53.1 79.7

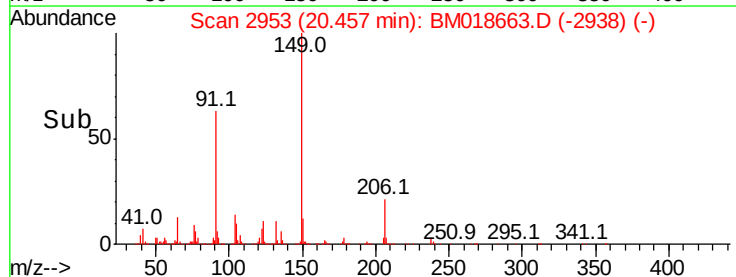
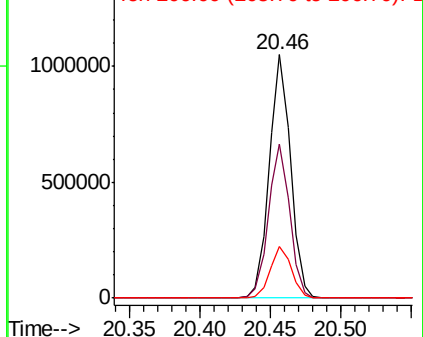
206 21.0 16.2 24.4

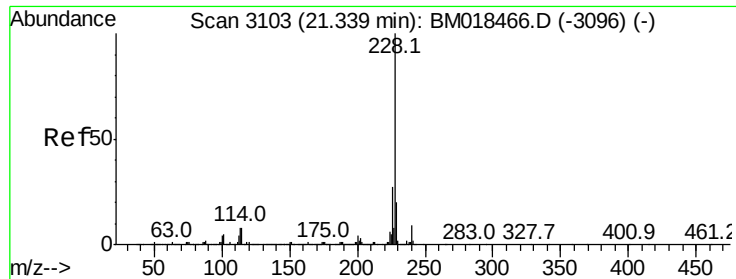


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.660 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

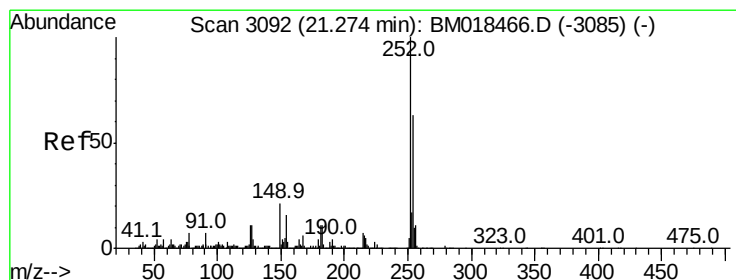
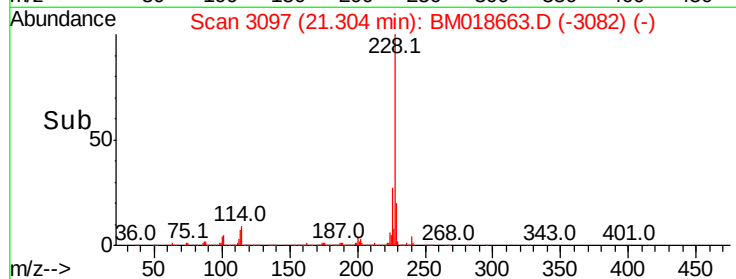
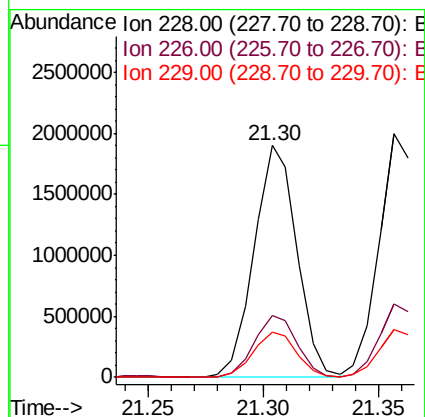
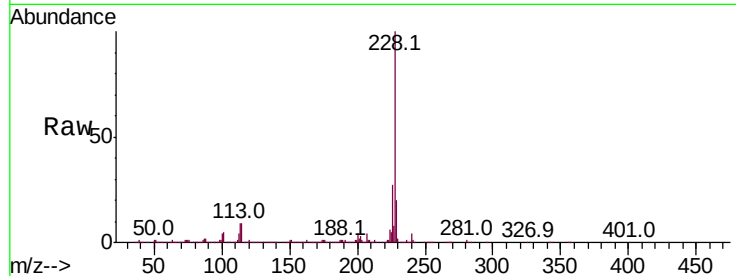
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	2447817
Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.6
229	19.7	15.8	23.8

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#82

3,3'-Dichlorobenzidine

Concen: 40.766 ng

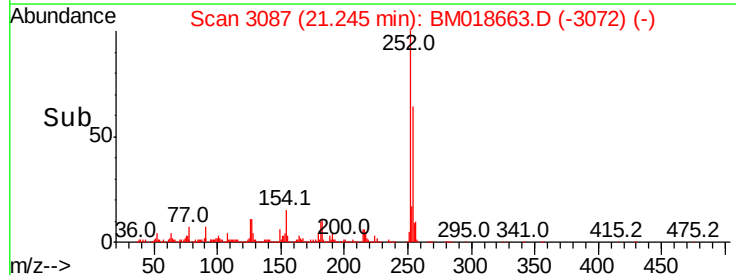
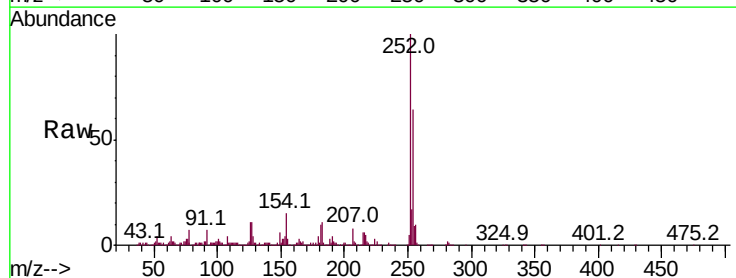
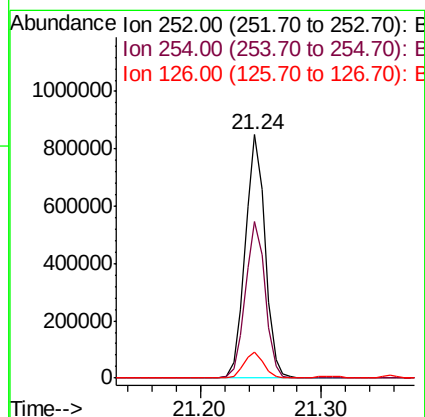
RT: 21.24 min Scan# 3087

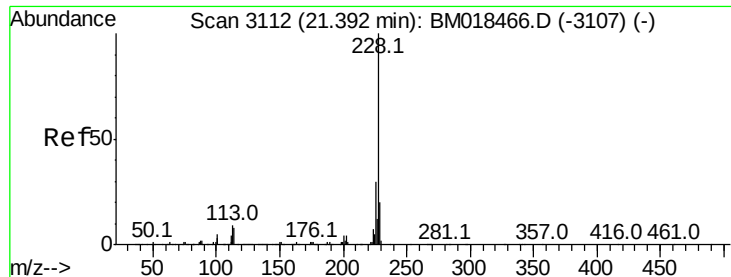
Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Tgt Ion:	252	Resp:	976053
Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.4	77.0
126	10.7	8.7	13.1





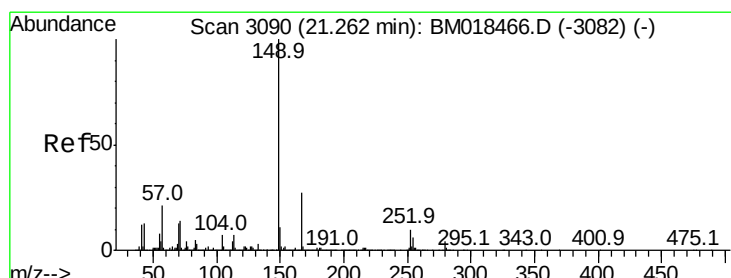
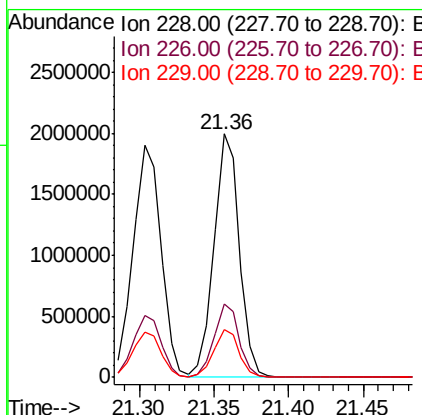
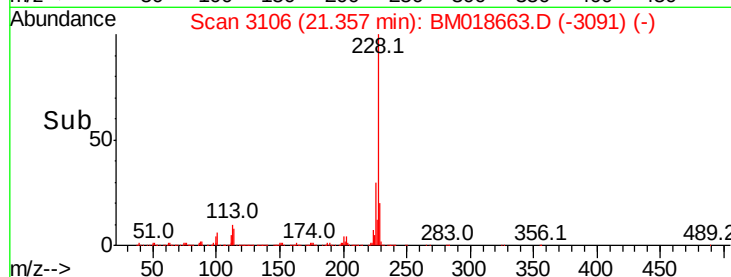
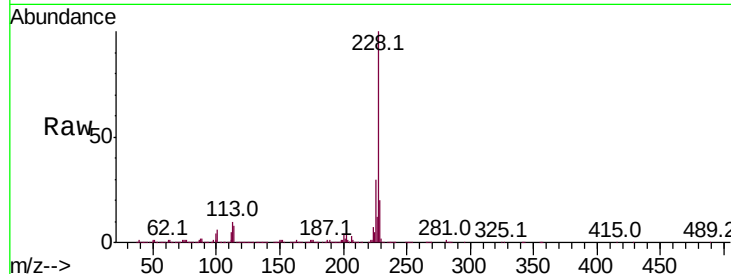
#83
Chrysene
Concen: 38.692 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 2365698
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 19.7 15.6 23.4

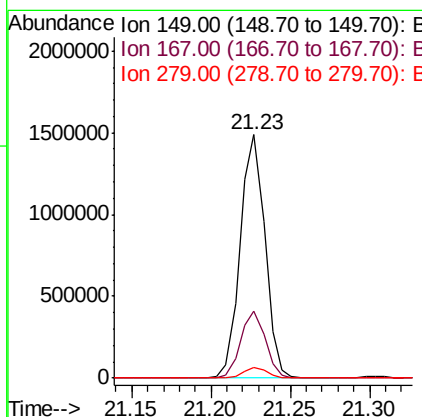
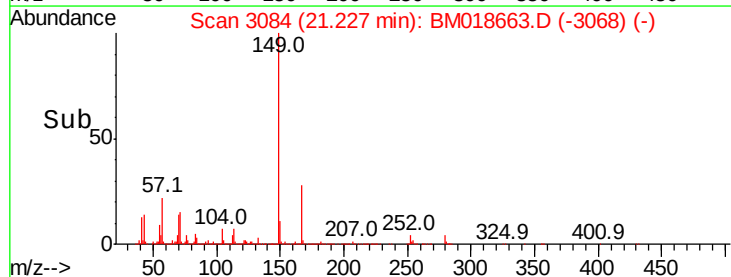
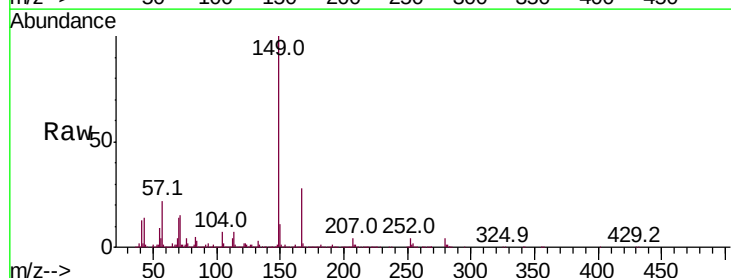
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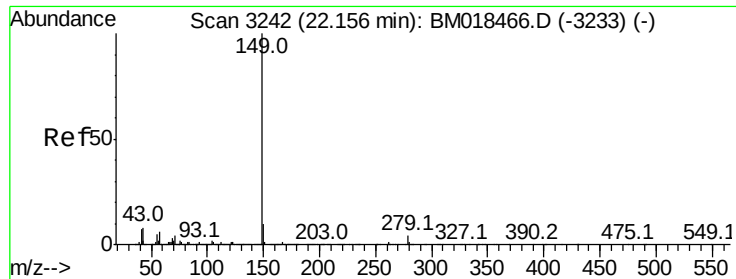
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.921 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion:149 Resp: 1606321
Ion Ratio Lower Upper
149 100
167 27.5 21.6 32.4
279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 41.283 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2725578

Ion Ratio Lower Upper

149 100

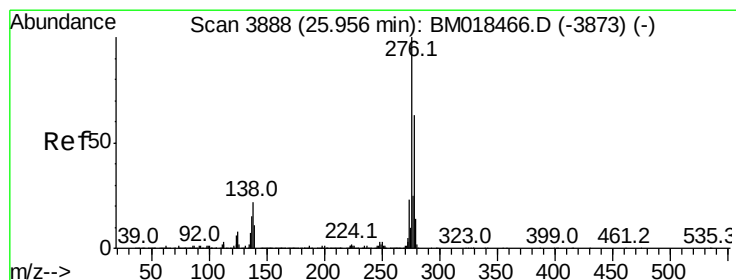
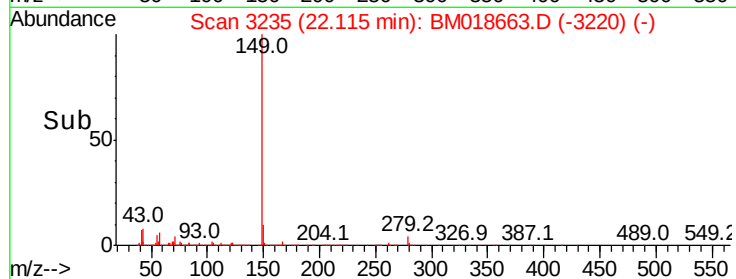
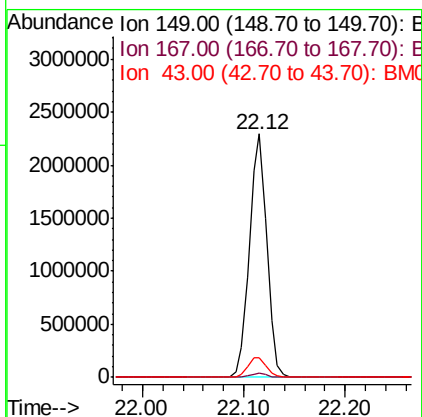
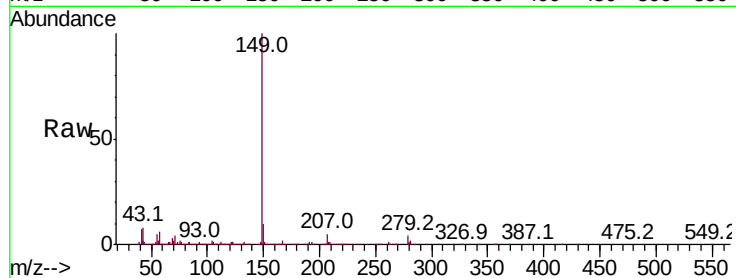
167 1.5 1.3 1.9

43 8.8 8.6 12.8

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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.551 ng

RT: 25.89 min Scan# 3876

Delta R.T. -0.02 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

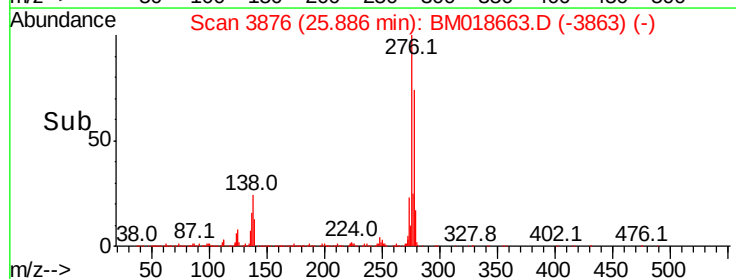
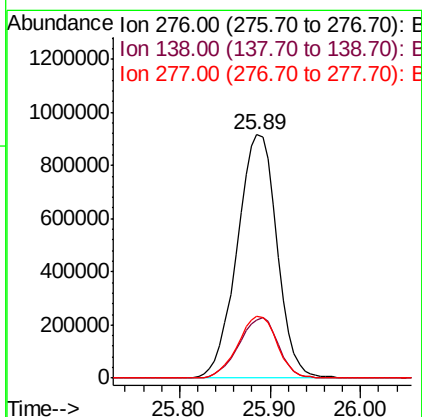
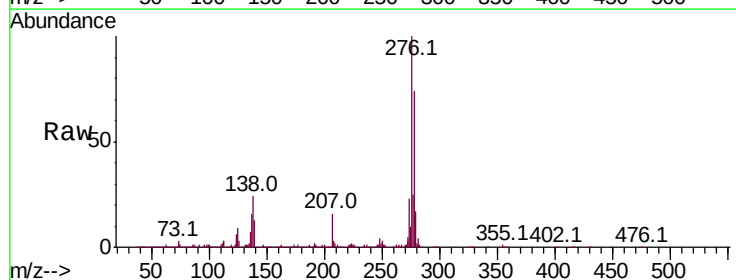
Tgt Ion:276 Resp: 2788459

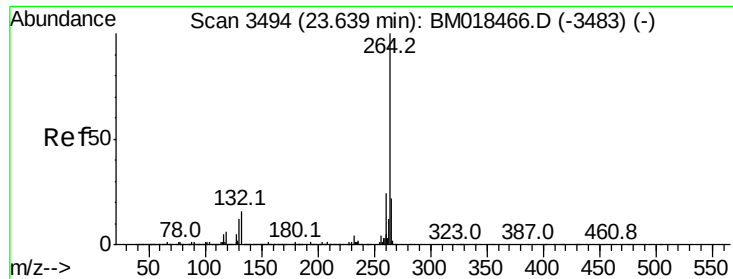
Ion Ratio Lower Upper

276 100

138 24.6 21.5 32.3

277 25.4 20.2 30.2





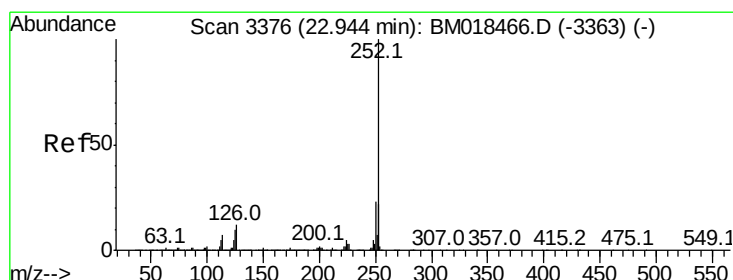
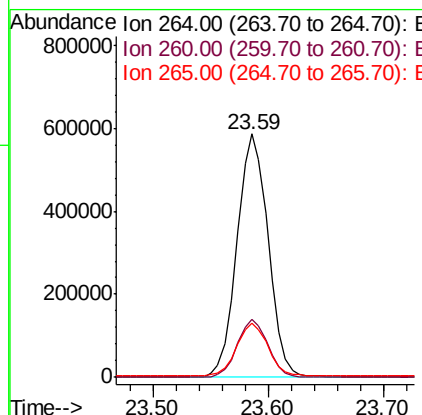
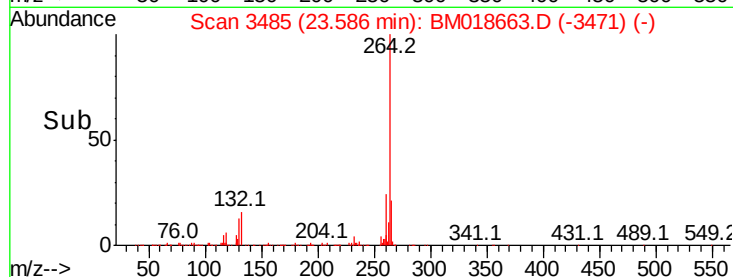
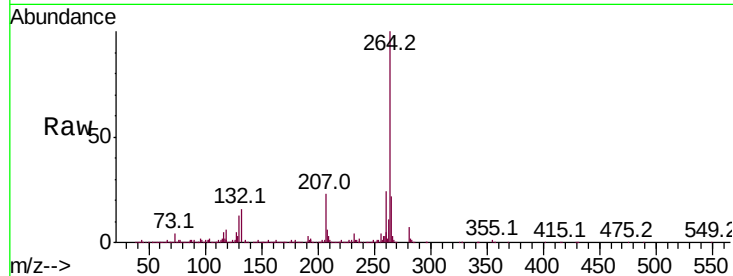
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 1096080
Ion Ratio Lower Upper
264 100
260 23.8 18.9 28.3
265 22.0 16.8 25.2

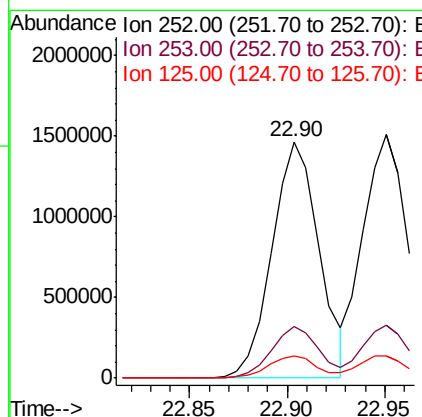
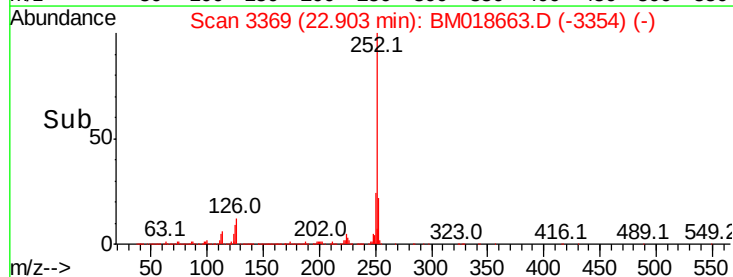
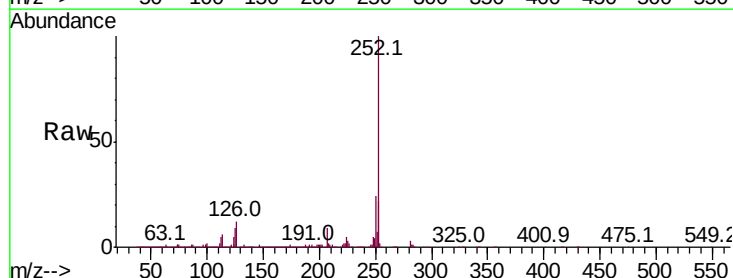
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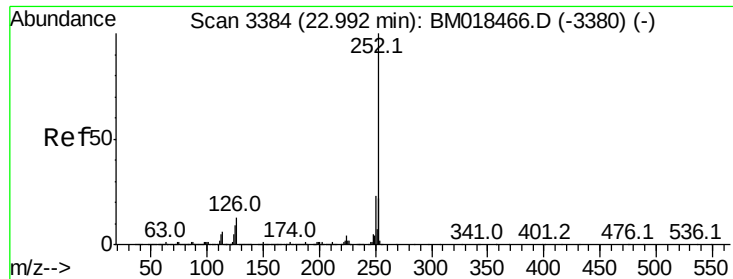
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#88
Benzo(b)fluoranthene
Concen: 39.269 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion:252 Resp: 2443560
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 9.2 8.5 12.7





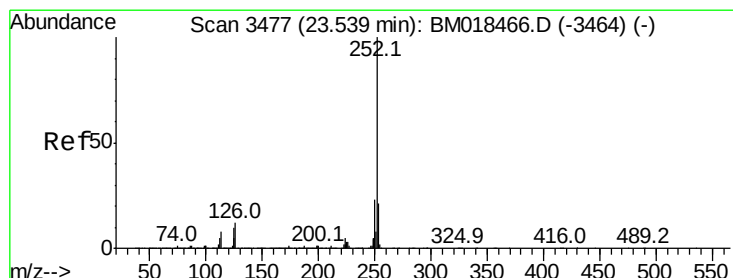
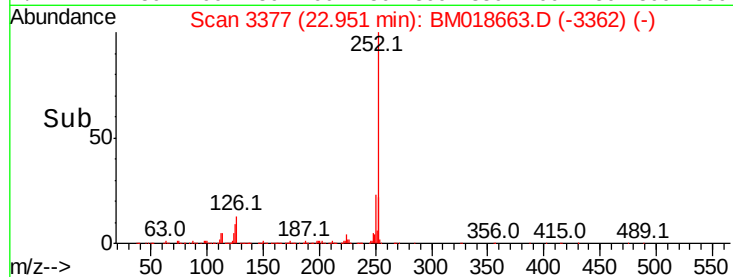
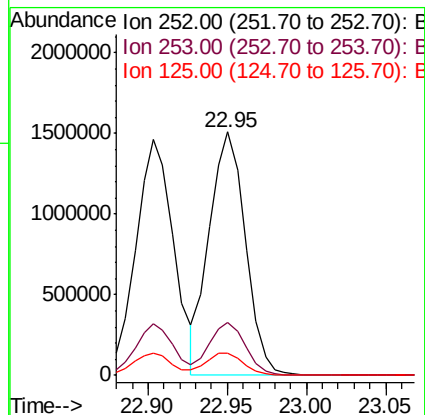
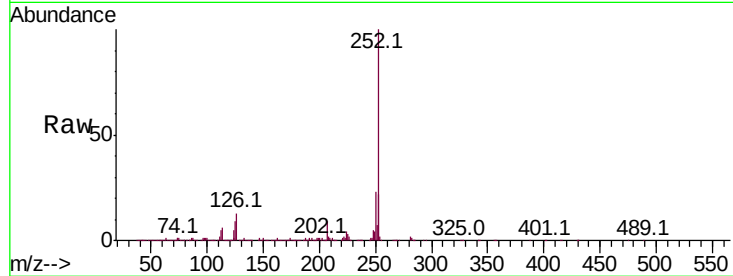
#89
Benzo(k)fluoranthene
Concen: 38.102 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.2	8.6	12.8

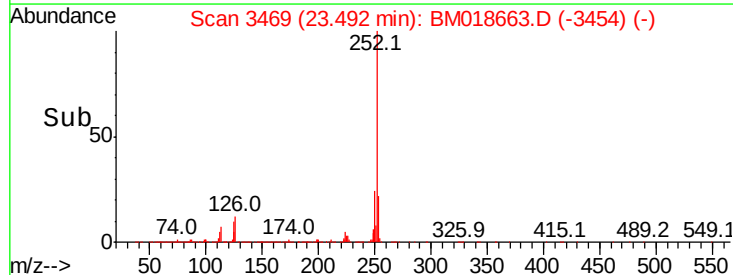
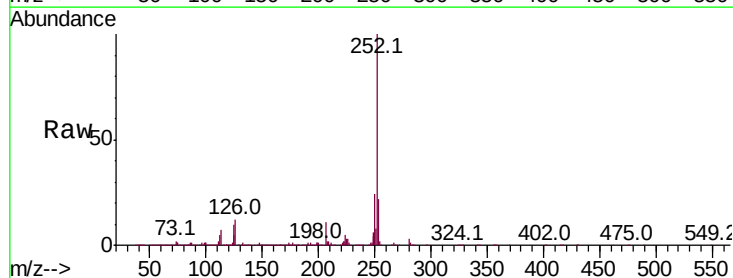
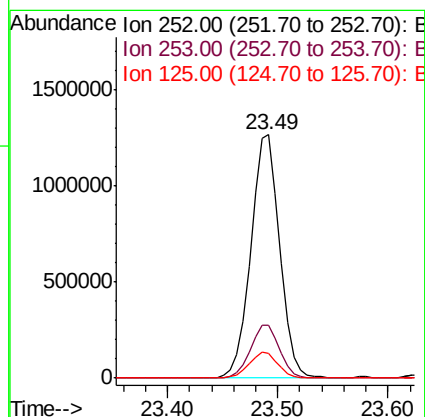
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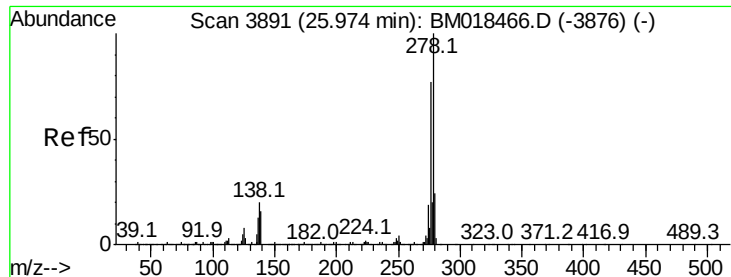
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#90
Benzo(a)pyrene
Concen: 38.939 ng
RT: 23.49 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018663.D
Acq: 28 Jan 2019 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.0	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 39.286 ng

RT: 25.90 min Scan# 3878

Delta R.T. -0.02 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 2371384

Ion Ratio Lower Upper

278 100

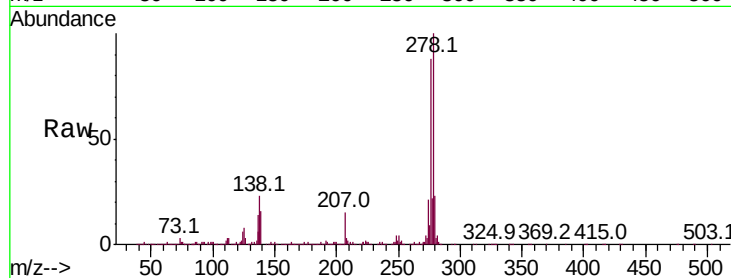
139 15.5 13.2 19.8

279 23.1 19.0 28.4

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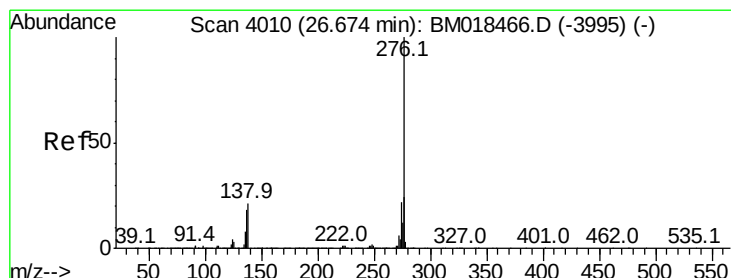
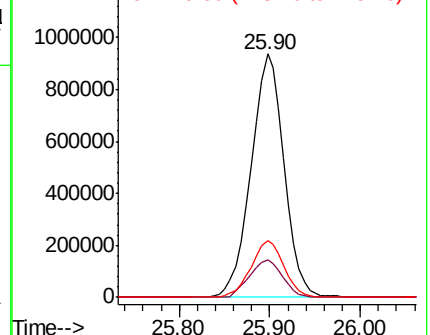
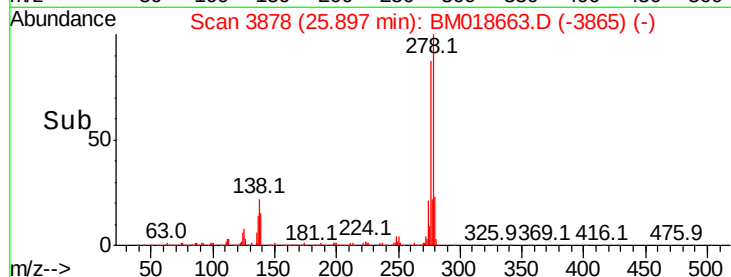


Abundance

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: 39.531 ng

RT: 26.59 min Scan# 3996

Delta R.T. -0.02 min

Lab File: BM018663.D

Acq: 28 Jan 2019 14:15

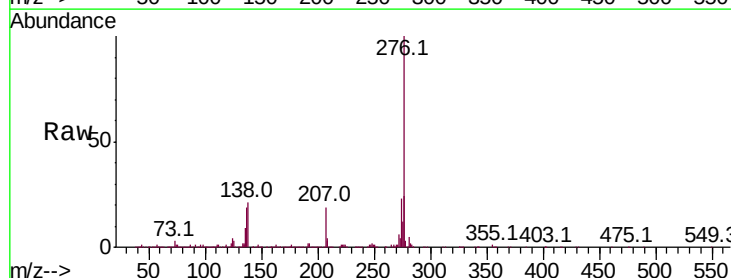
Tgt Ion:276 Resp: 2322102

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 20.6 18.1 27.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

