

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019107.D
 Acq On : 12 Mar 2019 12:13
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 3/13/2019 10:44:54 AM

Quant Time: Mar 13 04:34:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	179120	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	856356	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	515227	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1167963	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1361441	20.00	ng	0.00
87) Perylene-d12	23.51	264	1480515	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	890224	80.49	ng	0.00
7) Phenol-d6	6.84	99	1335692	82.56	ng	0.00
23) Nitrobenzene-d5	8.83	82	1459888	80.58	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	625243	82.19	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3087367	77.94	ng	0.00
79) Terphenyl-d14	19.71	244	5291524	77.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	186485	37.901	ng	99
3) Pyridine	3.62	79	594644	44.422	ng	100
4) n-Nitrosodimethylamine	3.55	42	167990	40.367	ng	93
6) Aniline	7.01	93	863062	41.320	ng	100
8) 2-Chlorophenol	7.23	128	534976	40.250	ng	98
9) Benzaldehyde	6.83	77	421540	41.425	ng	99
10) Phenol	6.87	94	729577	41.845	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	543558	40.856	ng	99
12) 1,3-Dichlorobenzene	7.55	146	558448	39.703	ng	98
13) 1,4-Dichlorobenzene	7.70	146	568036	39.612	ng	99
14) 1,2-Dichlorobenzene	8.01	146	558048	39.999	ng	99
15) Benzyl Alcohol	7.92	79	565022	42.199	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	548095	40.347	ng	99
17) 2-Methylphenol	8.11	107	472884	41.621	ng	98
18) Hexachloroethane	8.72	117	214856	40.322	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	553660	41.715	ng	99
20) 3+4-Methylphenols	8.44	107	663394	43.016	ng	98
22) Acetophenone	8.49	105	950318	40.155	ng	# 99
24) Nitrobenzene	8.87	77	768120	40.768	ng	98
25) Isophorone	9.39	82	1409153	40.764	ng	99
26) 2-Nitrophenol	9.58	139	321097	41.115	ng	96
27) 2,4-Dimethylphenol	9.63	122	471911	40.645	ng	100
28) bis(2-Chloroethoxy)methane	9.87	93	824833	40.297	ng	99
29) 2,4-Dichlorophenol	10.10	162	538522	41.879	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	568802	39.229	ng	100
31) Naphthalene	10.50	128	1787437	39.601	ng	99
32) Benzoic acid	9.80	122	393905m	40.059	ng	
33) 4-Chloroaniline	10.63	127	767563	41.484	ng	99
34) Hexachlorobutadiene	10.76	225	323431	38.870	ng	99
35) Caprolactam	11.45	113	198668m	43.372	ng	
36) 4-Chloro-3-methylphenol	11.75	107	658719	41.517	ng	99
37) 2-Methylnaphthalene	12.12	142	1299227	39.611	ng	99
38) 1-Methylnaphthalene	12.34	142	1285377	39.759	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	639537	39.240	ng	99

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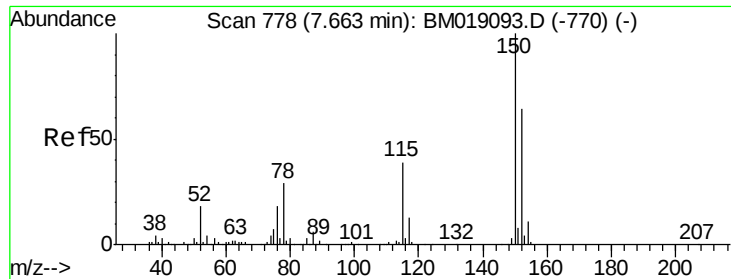
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.45	237	285849	38.721	ng	99
43) 2,4,6-Trichlorophenol	12.74	196	428181	40.654	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	463205	41.127	ng	99
46) 1,1'-Biphenyl	13.15	154	1752869	38.957	ng	100
47) 2-Chloronaphthalene	13.19	162	1331174	39.635	ng	100
48) 2-Nitroaniline	13.42	65	477532	42.395	ng	97
49) Acenaphthylene	14.04	152	2279782	40.145	ng	99
50) Dimethylphthalate	13.79	163	1748284	39.666	ng	99
51) 2,6-Dinitrotoluene	13.92	165	392815	41.228	ng	100
52) Acenaphthene	14.39	154	1284803	39.373	ng	98
53) 3-Nitroaniline	14.25	138	408230	40.454	ng	99
54) 2,4-Dinitrophenol	14.46	184	224314	40.539	ng	98
55) Dibenzofuran	14.72	168	2078531	39.497	ng	100
56) 4-Nitrophenol	14.56	139	339963	41.262	ng	99
57) 2,4-Dinitrotoluene	14.71	165	553090	39.991	ng	99
58) Fluorene	15.37	166	1719581	39.643	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	421836	40.232	ng	98
60) Diethylphthalate	15.15	149	1788024	40.055	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	830997	39.444	ng	99
62) 4-Nitroaniline	15.42	138	417335	41.037	ng	98
63) Azobenzene	15.66	77	1943702	41.380	ng	100
65) 4,6-Dinitro-2-methylphenol	15.47	198	303049	39.596	ng	99
66) n-Nitrosodiphenylamine	15.59	169	1479188	39.780	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	507284	39.386	ng	100
68) Hexachlorobenzene	16.37	284	604301	39.464	ng	99
69) Atrazine	16.55	200	511137	40.835	ng	98
70) Pentachlorophenol	16.72	266	375046	40.653	ng	99
71) Phenanthrene	17.12	178	2703222	39.487	ng	99
72) Anthracene	17.21	178	2675966	39.929	ng	99
73) Carbazole	17.49	167	2590509	40.954	ng	99
74) Di-n-butylphthalate	18.04	149	3158933	41.299	ng	100
75) Fluoranthene	19.14	202	3179260	40.472	ng	100
77) Benzidine	19.34	184	1974755	51.144	ng	100
78) Pyrene	19.50	202	3286387	38.152	ng	100
80) Butylbenzylphthalate	20.41	149	1518639	40.477	ng	100
81) Benzo(a)anthracene	21.26	228	3364592	39.393	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	1378155	41.885	ng	99
83) Chrysene	21.31	228	3267443	39.543	ng	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	2253376	41.283	ng	99
85) Di-n-octyl phthalate	22.06	149	3922276	42.674	ng	100
86) Indeno(1,2,3-cd)pyrene	25.79	276	4488147	50.457	ng	100
88) Benzo(b)fluoranthene	22.84	252	3755598	39.148	ng	100
89) Benzo(k)fluoranthene	22.88	252	3325582	37.689	ng	100
90) Benzo(a)pyrene	23.41	252	3434421	39.837	ng	99
91) Dibenzo(a,h)anthracene	25.80	278	3775198	45.776	ng	99
92) Benzo(g,h,i)perylene	26.49	276	3544416	46.812	ng	99

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



#1

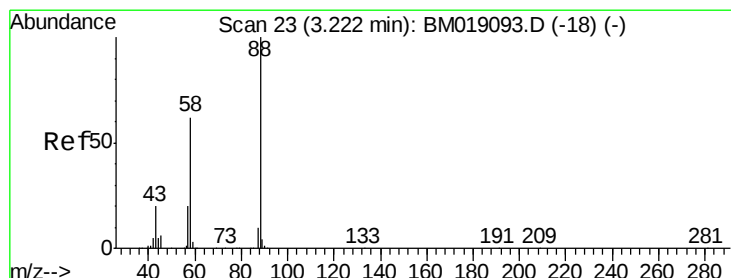
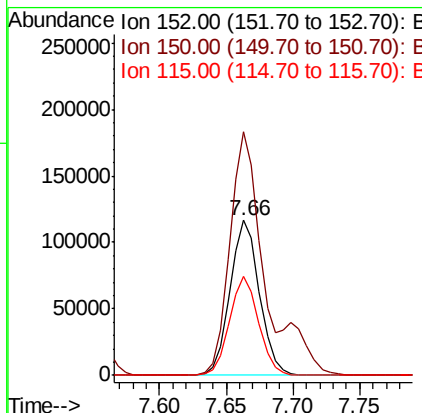
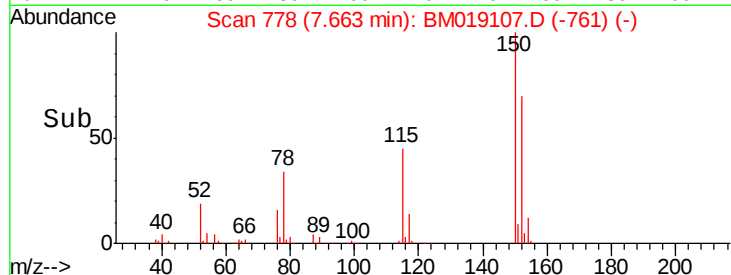
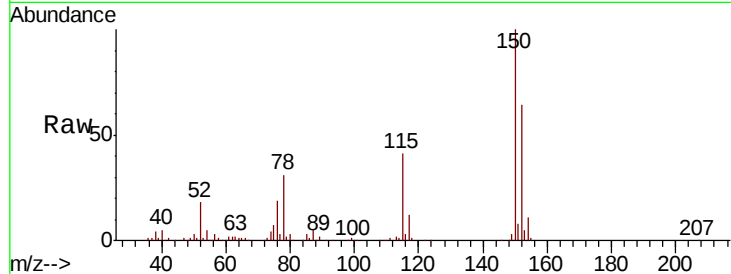
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.3	187.9
115	64.1	49.4	74.0

Manual Integrations
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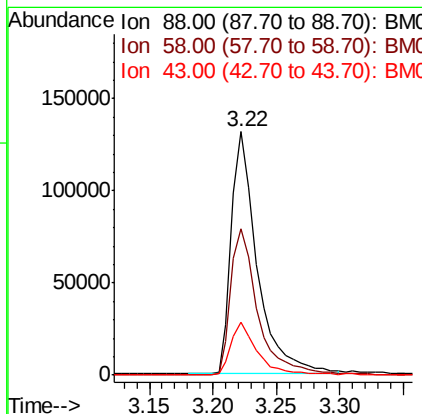
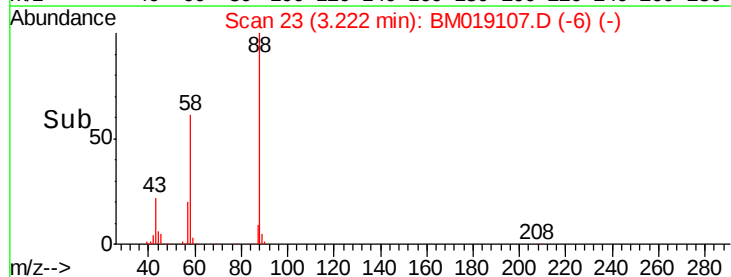
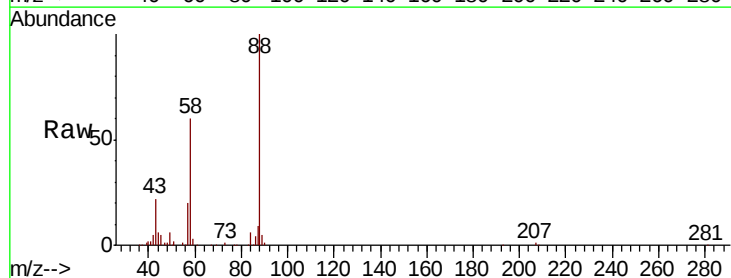
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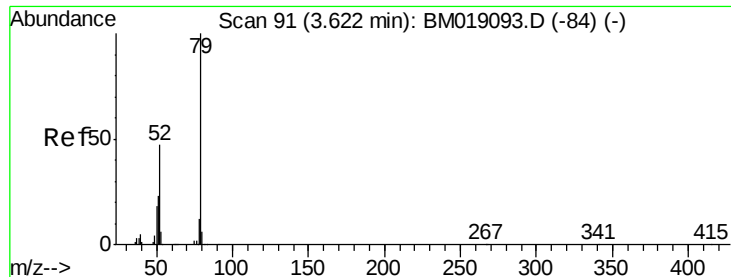


#2

1,4-Dioxane
Concen: 37.901 ng
RT: 3.22 min Scan# 23
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.6	50.0	75.0
43	22.4	17.0	25.4





#3

Pvridine

Concen: 44.422 ng

RT: 3.62 min Scan# 91

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

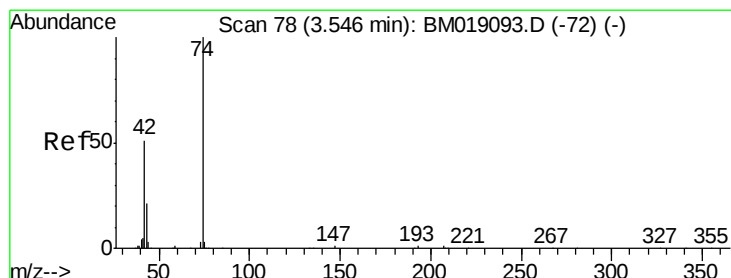
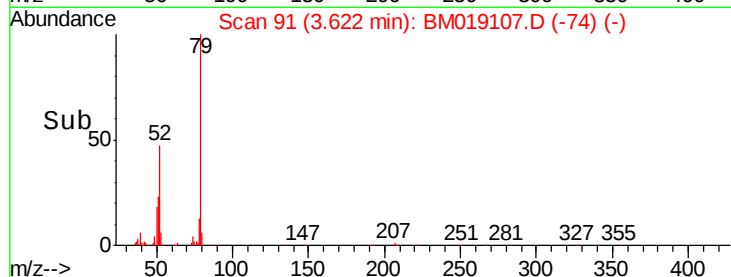
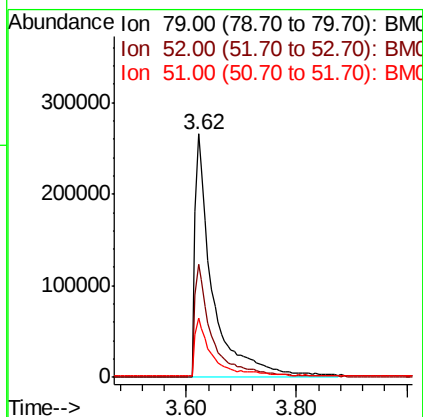
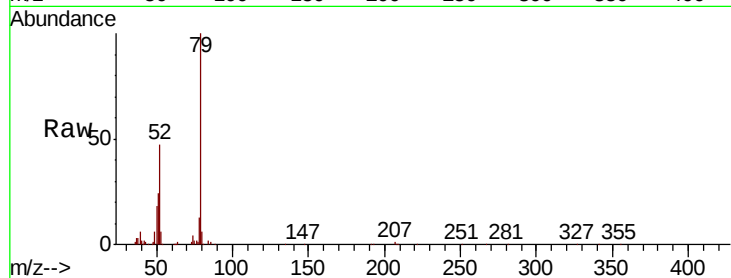
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	594644
Ion Ratio	Lower	Upper	
79	100		
52	46.7	37.5	56.3
51	24.1	19.2	28.8

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#4

n-Nitrosodimethylamine

Concen: 40.367 ng

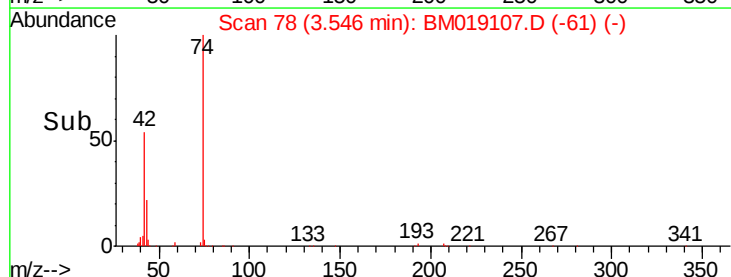
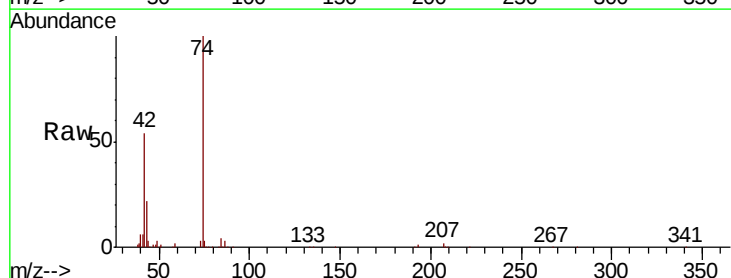
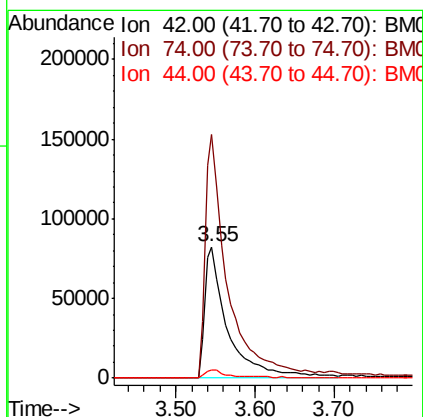
RT: 3.55 min Scan# 78

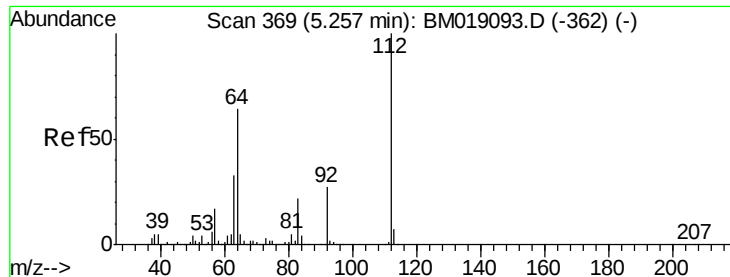
Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Tgt Ion:	42	Resp:	167990
Ion Ratio	Lower	Upper	
42	100		
74	185.2	156.3	234.5
44	6.0	4.6	7.0





#5

2-Fluorophenol

Concen: 80.488 ng

RT: 5.26 min Scan# 369

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

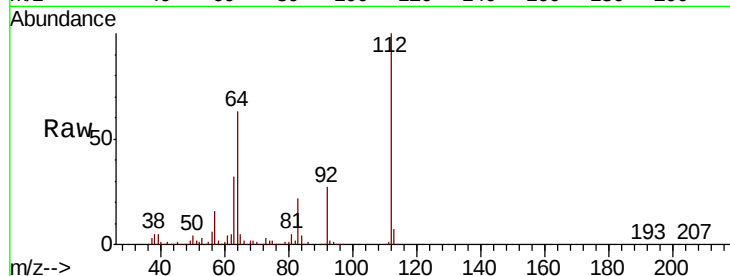
ClientSampleId :

SSTDCCC040

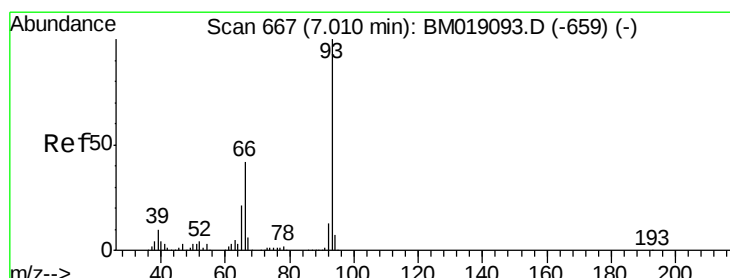
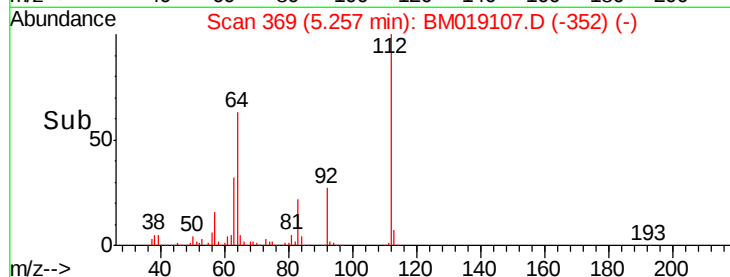
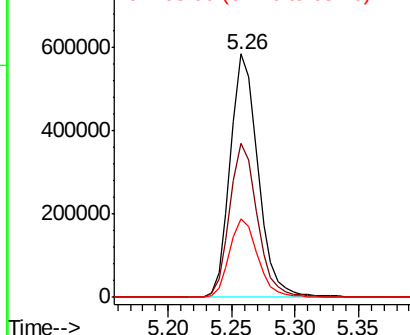
Tot Ion	Ratio	Resp	Lower	Upper
112	100	890224		
64	63.4		51.4	77.0
63	32.2		26.6	40.0

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Abundance Ion 112.00 (111.70 to 112.70): B
Ion 64.00 (63.70 to 64.70): BM
Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.320 ng

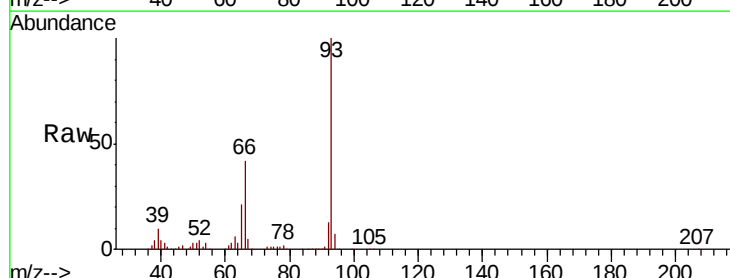
RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

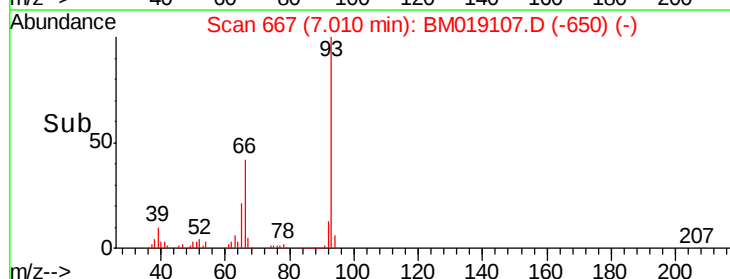
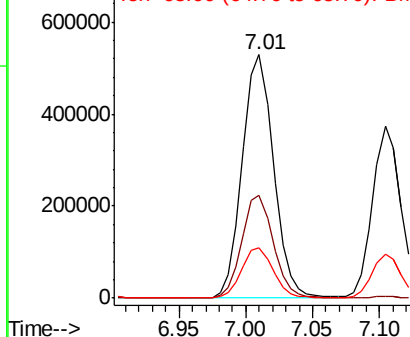
Lab File: BM019107.D

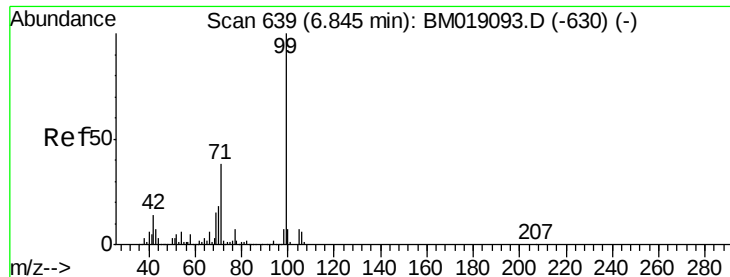
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	863062		
66	42.1		33.4	50.2
65	20.8		16.8	25.2



Abundance Ion 93.00 (92.70 to 93.70): BM
Ion 66.00 (65.70 to 66.70): BM
Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 82.562 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1335692

Ion Ratio Lower Upper

99 100

42 14.6 10.9 16.3

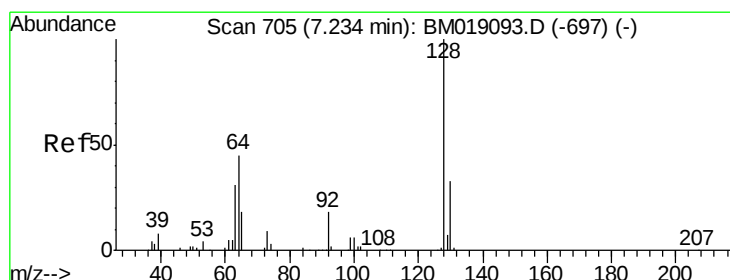
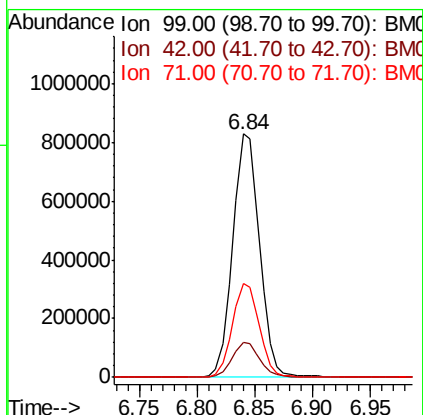
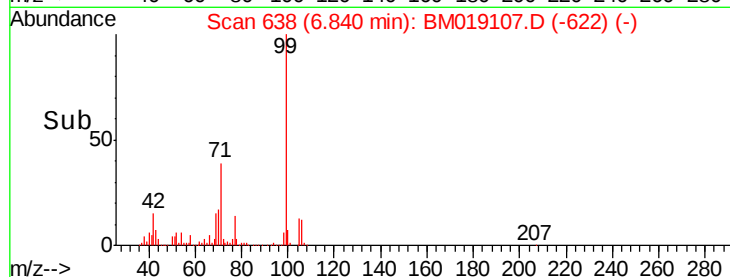
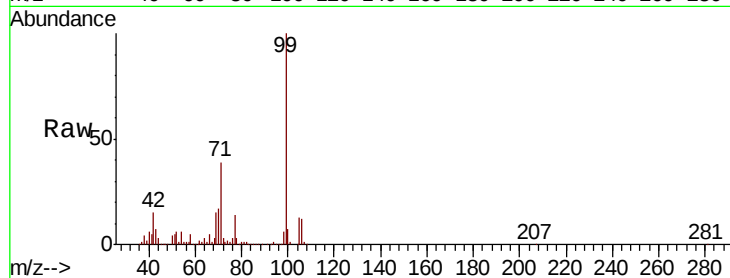
71 38.7 30.3 45.5

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#8

2-Chlorophenol

Concen: 40.250 ng

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

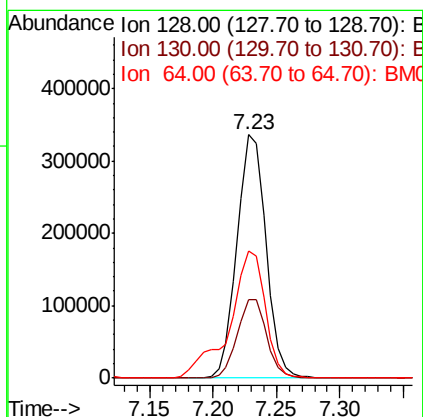
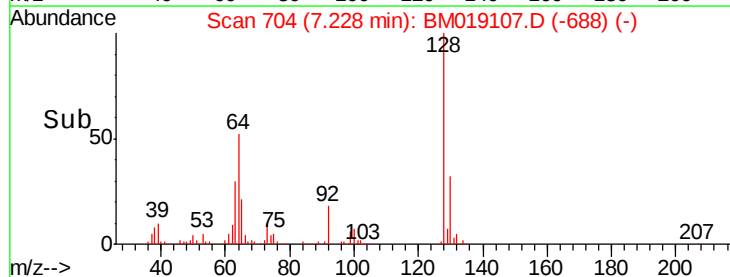
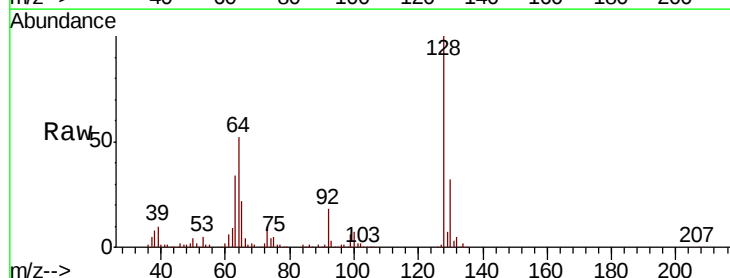
Tgt Ion: 128 Resp: 534976

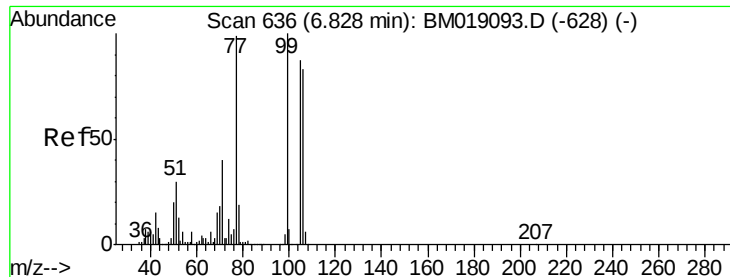
Ion Ratio Lower Upper

128 100

130 32.4 12.8 52.8

64 52.5 30.8 70.8





#9

Benzaldehyde

Concen: 41.425 ng

RT: 6.83 min Scan# 636

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

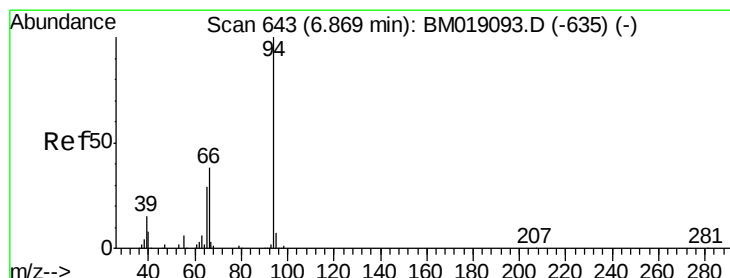
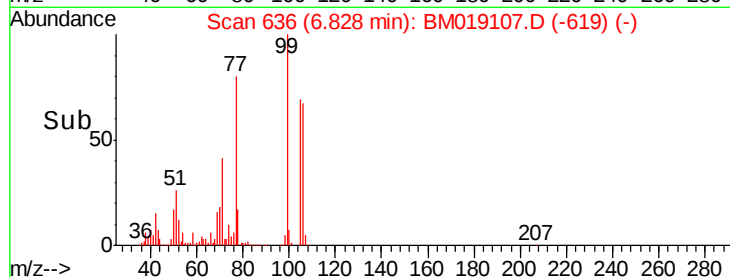
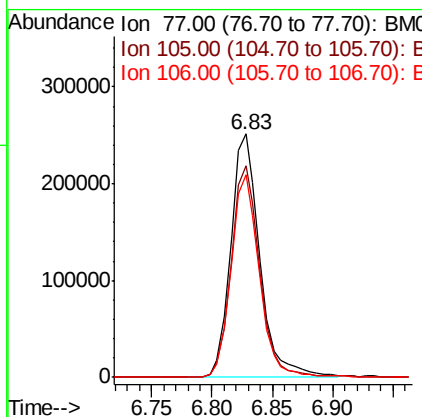
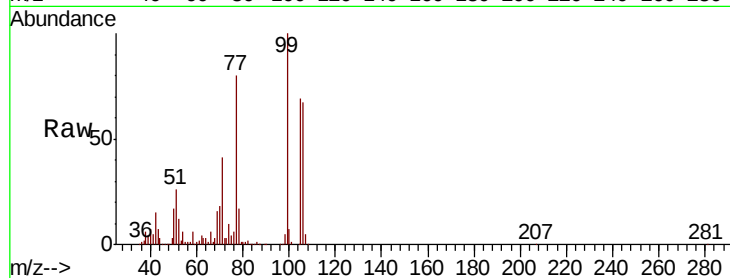
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	421540
Ion	Ratio	Lower	Upper
77	100		
105	86.7	67.7	107.7
106	83.2	64.1	104.1

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#10

Phenol

Concen: 41.845 ng

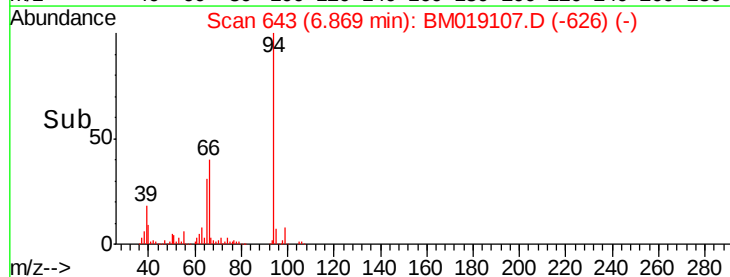
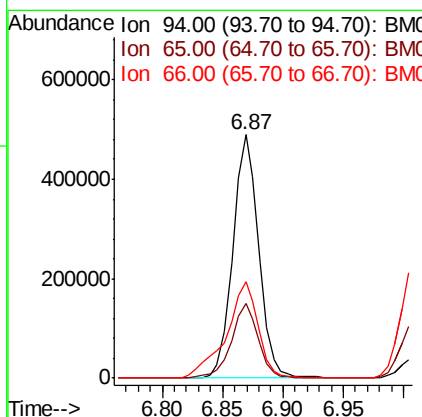
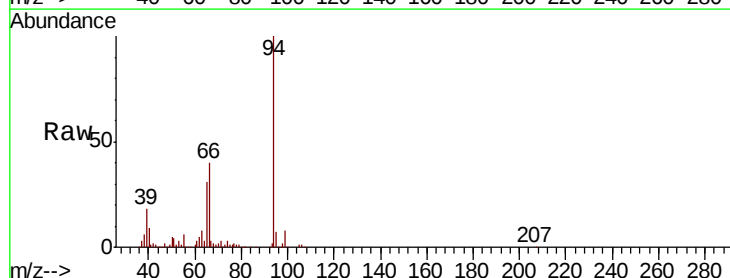
RT: 6.87 min Scan# 643

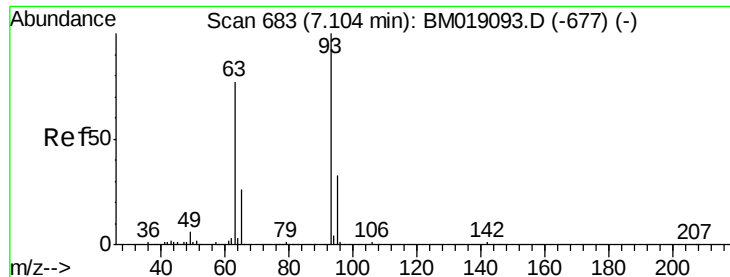
Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Tgt Ion:	94	Resp:	729577
Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.7	49.7
66	39.8	19.2	59.2





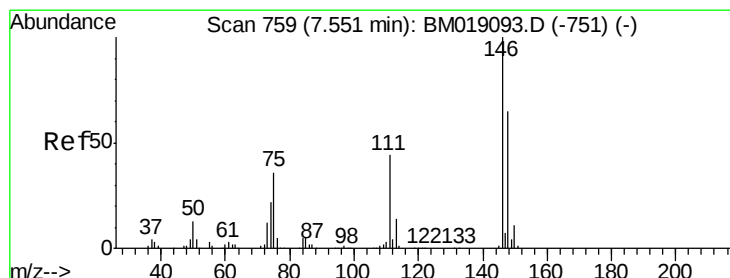
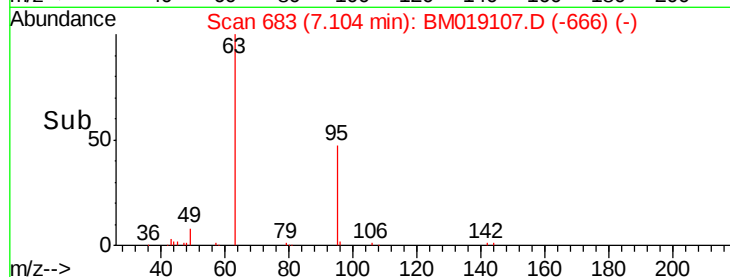
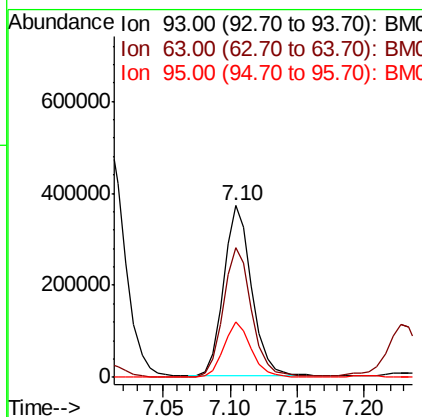
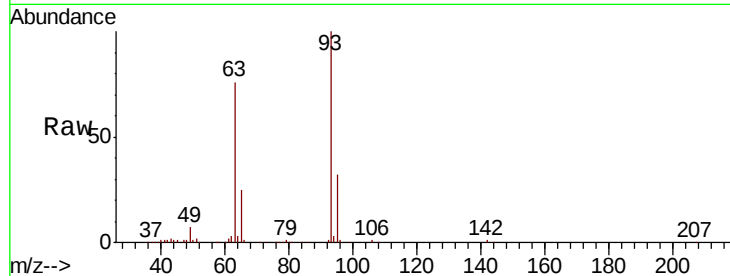
#11
bis(2-Chloroethyl)ether
Concen: 40.856 ng
RT: 7.10 min Scan# 683
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	543558
Ion Ratio	Lower	Upper	
93	100		
63	76.1	56.6	96.6
95	32.3	13.0	53.0

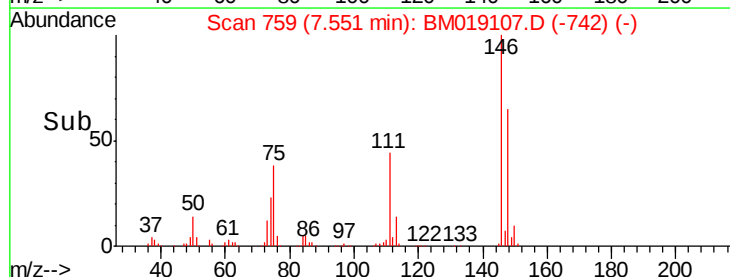
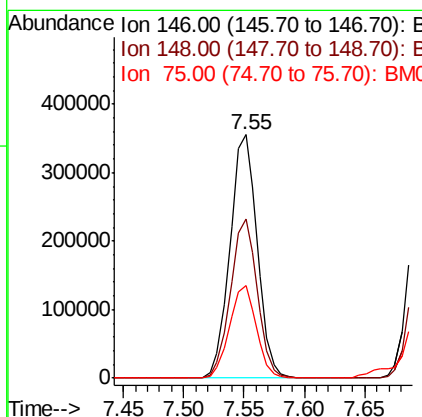
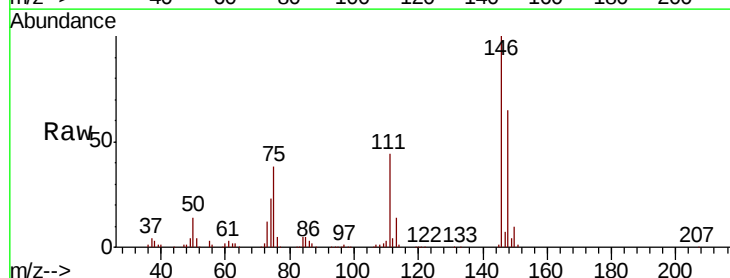
Manual Integrations
APPROVED

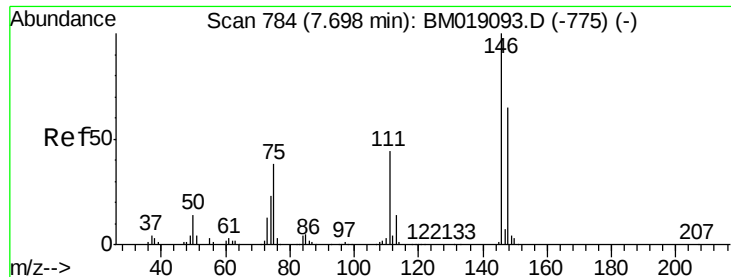
Sohil
3/13/2019 10:44:54 AM



#12
1,3-Dichlorobenzene
Concen: 39.703 ng
RT: 7.55 min Scan# 759
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion:	146	Resp:	558448
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.7	77.5
75	38.0	29.1	43.7





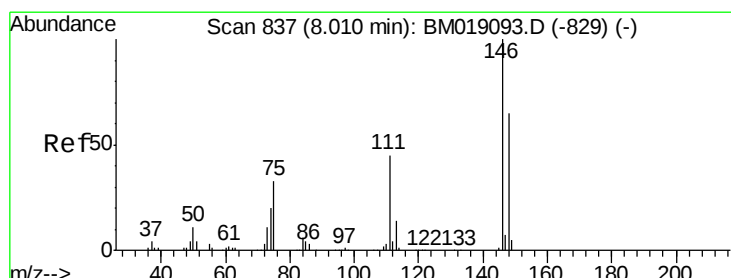
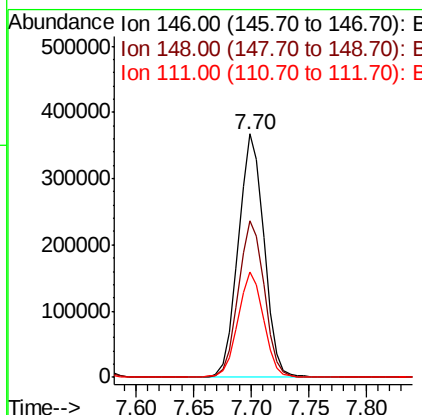
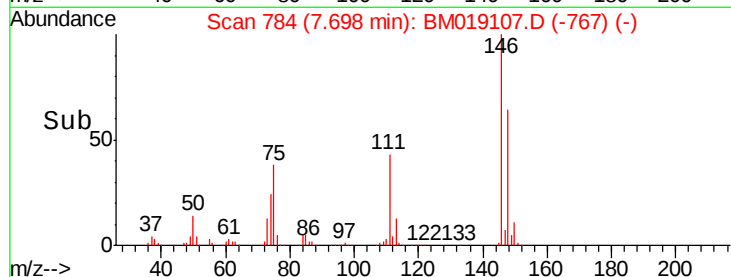
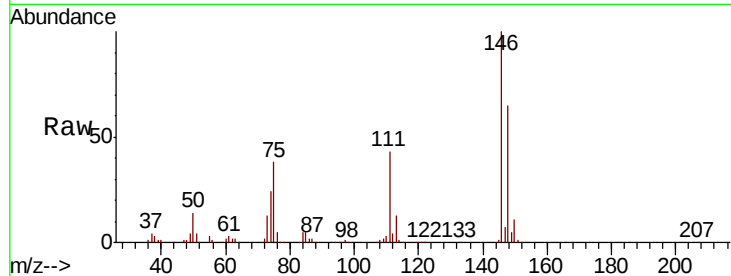
#13
1,4-Dichlorobenzene
Concen: 39.612 ng
RT: 7.70 min Scan# 784
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	43.4	35.4	53.0

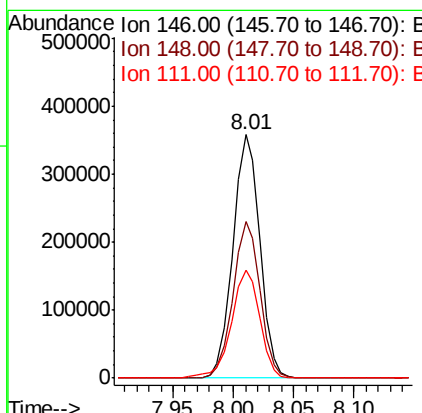
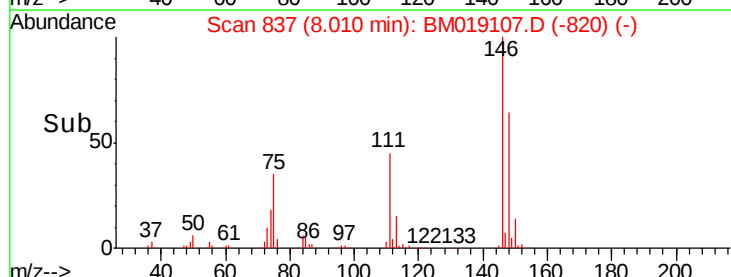
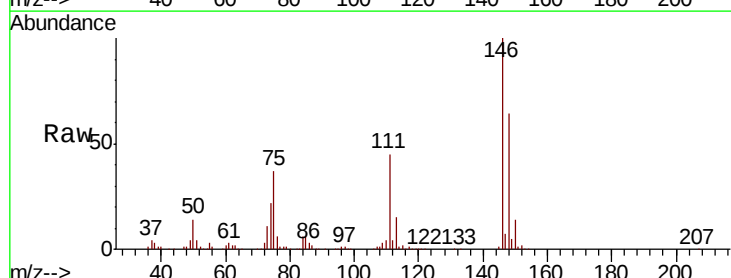
Manual Integrations
APPROVED

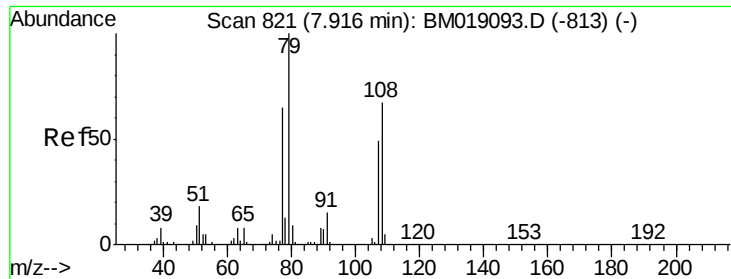
Sohil
3/13/2019 10:44:54 AM



#14
1,2-Dichlorobenzene
Concen: 39.999 ng
RT: 8.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.6
111	44.5	36.2	54.4





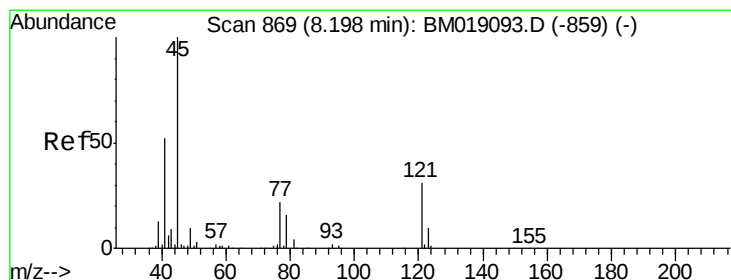
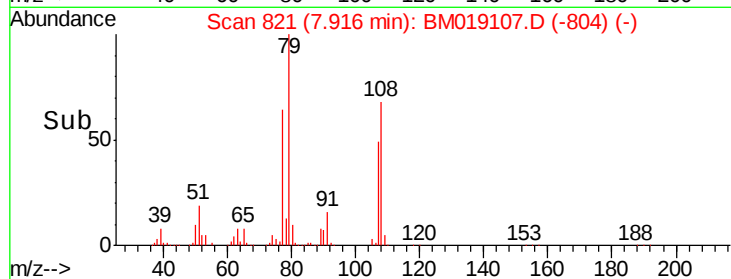
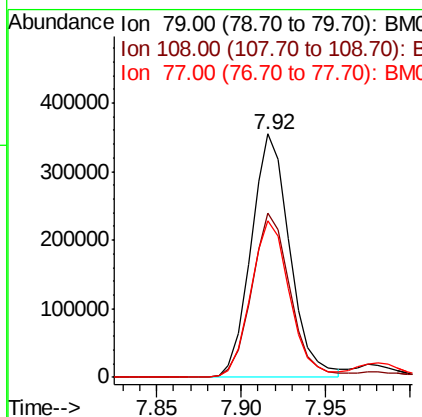
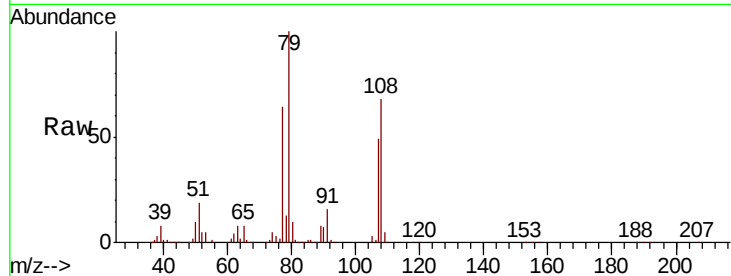
#15
Benzyl Alcohol
Concen: 42.199 ng
RT: 7.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.7	53.7	80.5
77	64.1	51.8	77.8

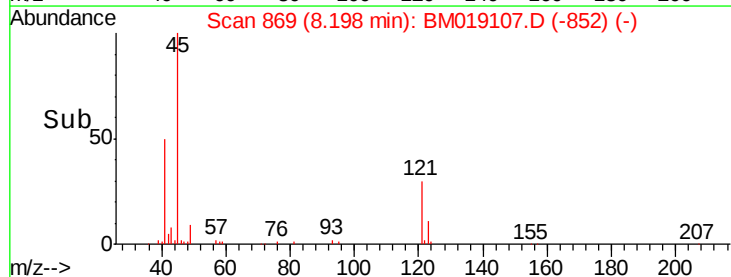
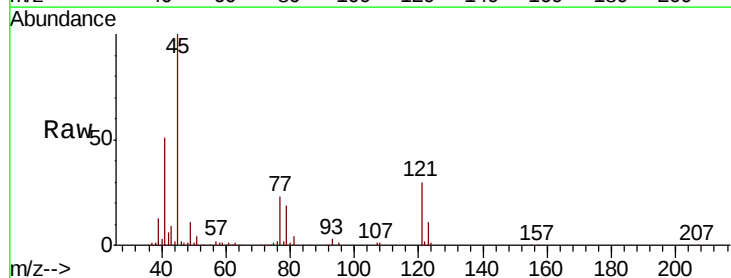
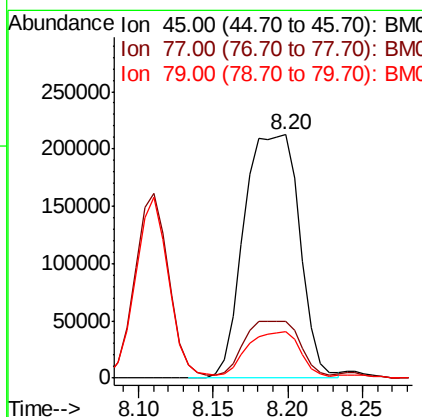
Manual Integrations
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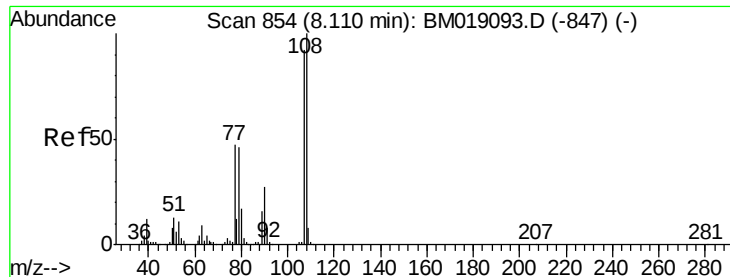
Sohil
3/13/2019 10:44:54 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.347 ng
RT: 8.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.5	4.1	44.1
79	18.9	0.0	38.1





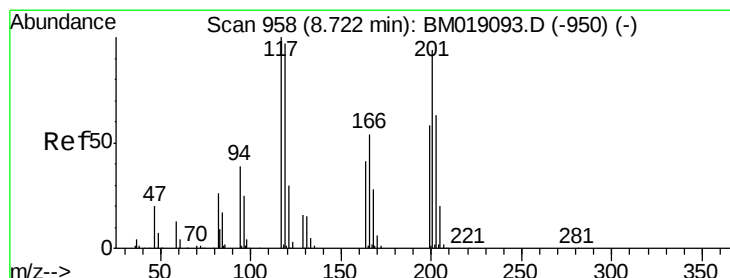
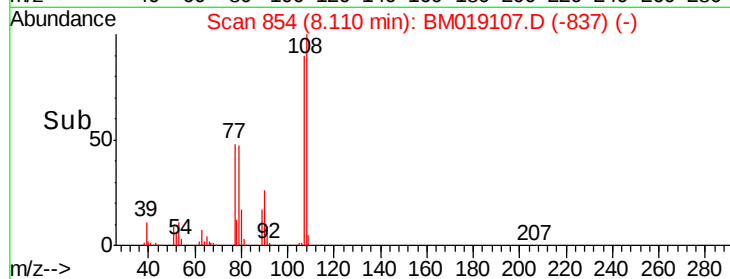
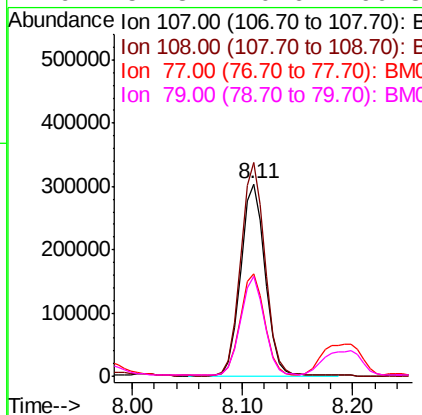
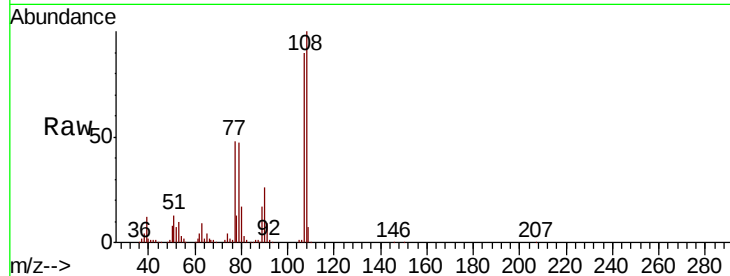
#17
2-Methylphenol
Concen: 41.621 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.9	87.4	131.2	
77	53.0	41.6	62.4	
79	51.8	40.6	60.8	

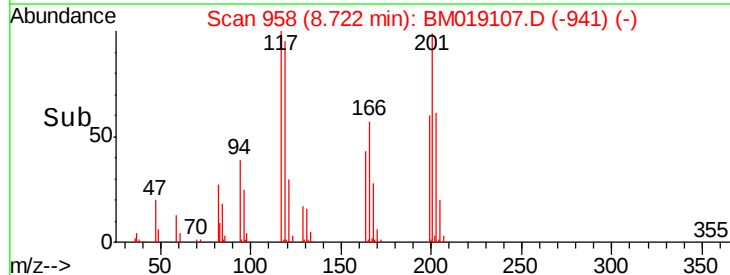
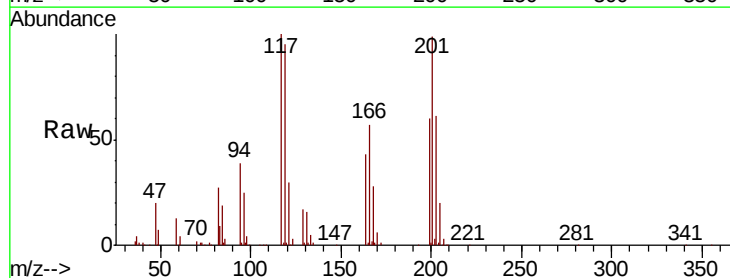
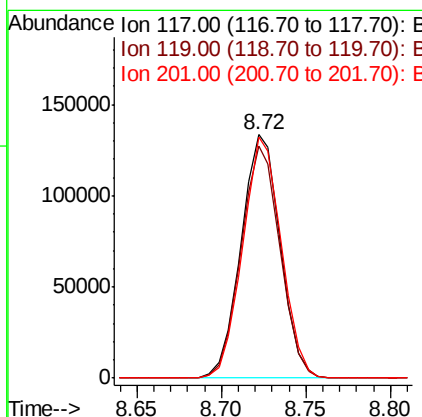
Manual Integrations
APPROVED

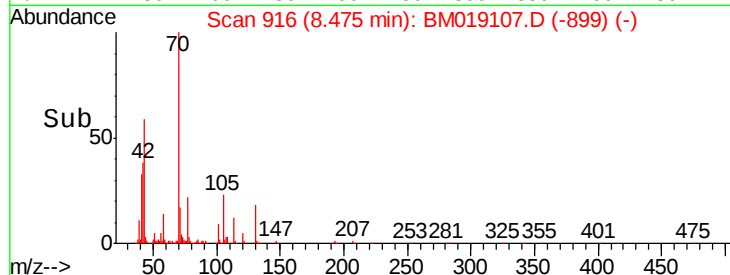
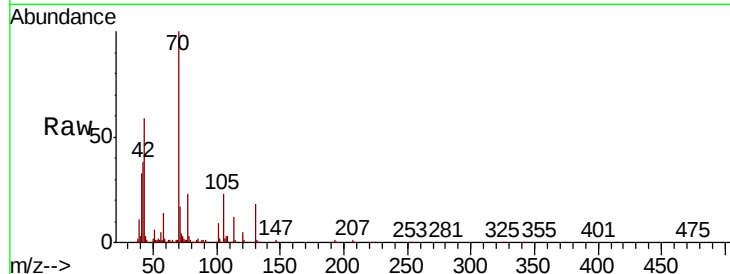
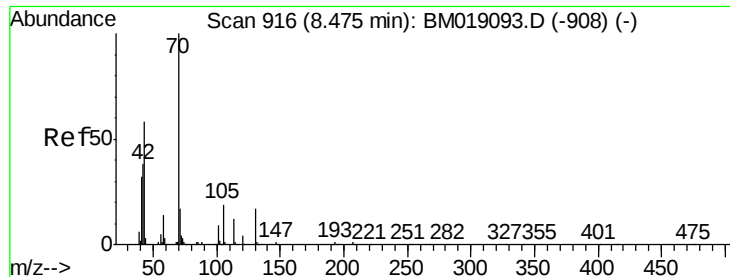
Sohil
3/13/2019 10:44:54 AM



#18
Hexachloroethane
Concen: 40.322 ng
RT: 8.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.4	116.2	
201	98.9	75.2	112.8	





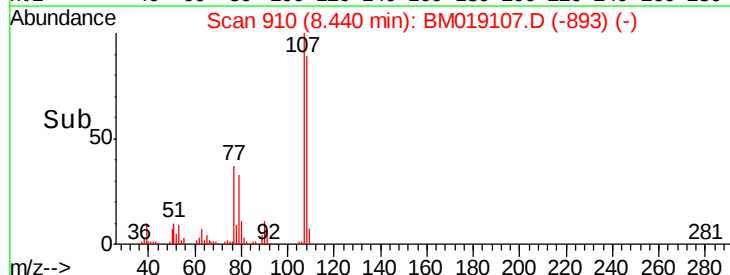
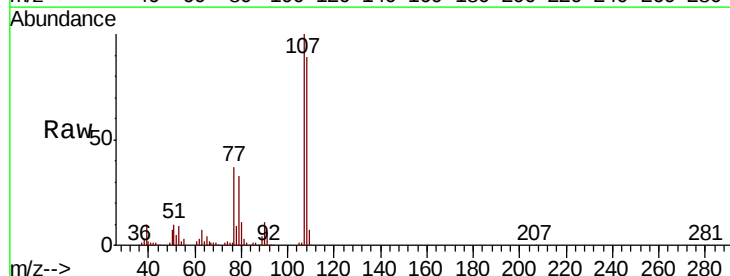
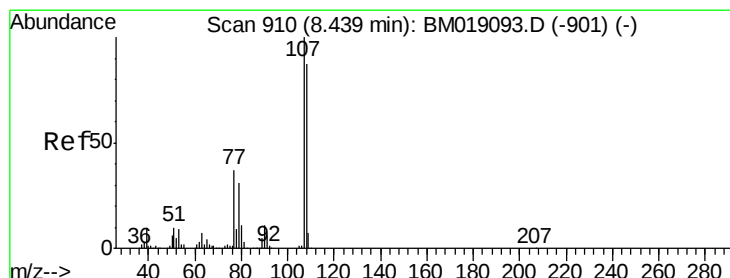
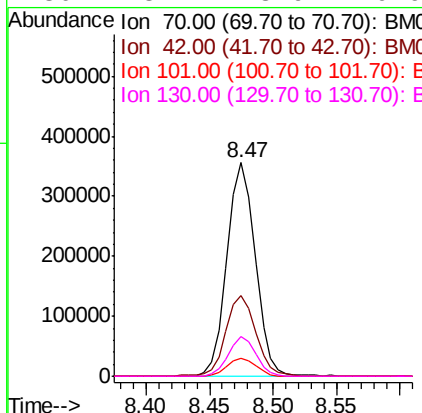
#19
n-Nitroso-di-n-propylamine
Concen: 41.715 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		553660		
42	37.6		30.6	45.8	
101	8.6		6.8	10.2	
130	18.4		13.9	20.9	

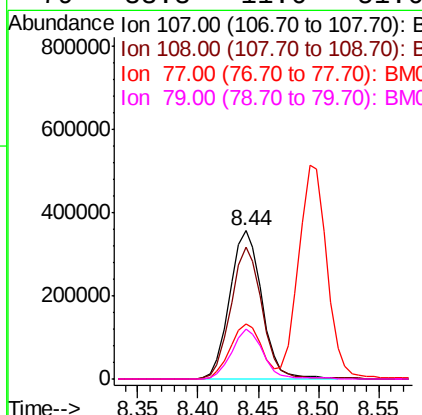
Manual Integrations
APPROVED

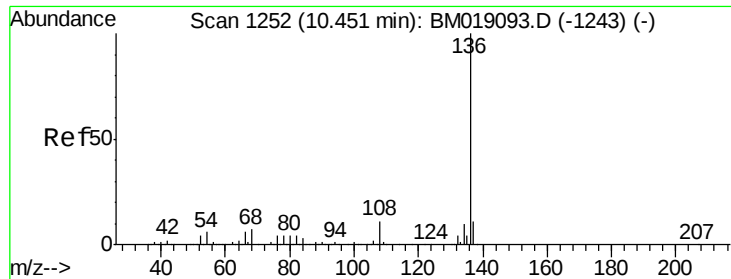
Sohil
3/13/2019 10:44:54 AM



#20
3+4-Methylphenols
Concen: 43.016 ng
RT: 8.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		663394		
108	88.8		67.0	107.0	
77	37.5		17.3	57.3	
79	33.3		11.6	51.6	





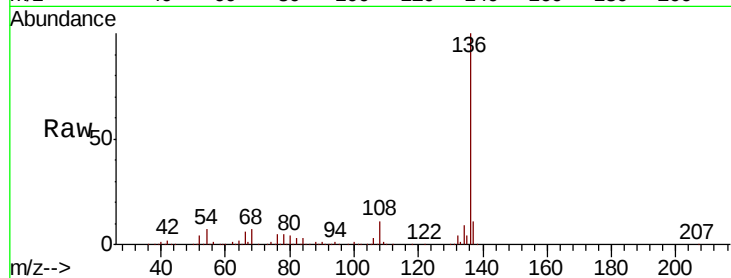
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	856356		
137	10.9		8.6	13.0
54	6.9		5.2	7.8
68	6.8		5.8	8.8

Manual Integrations
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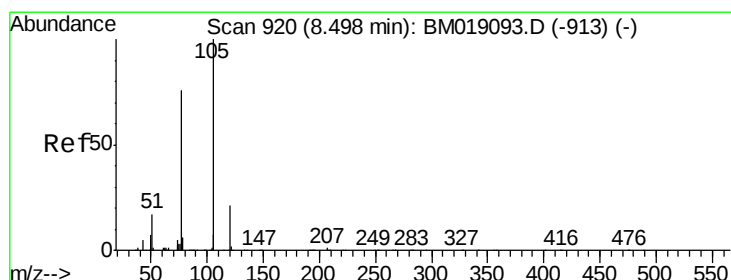
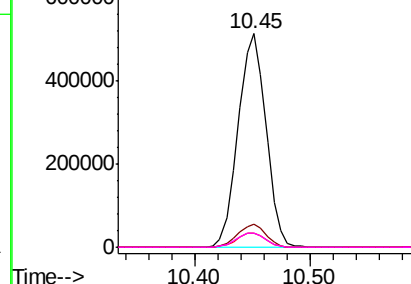
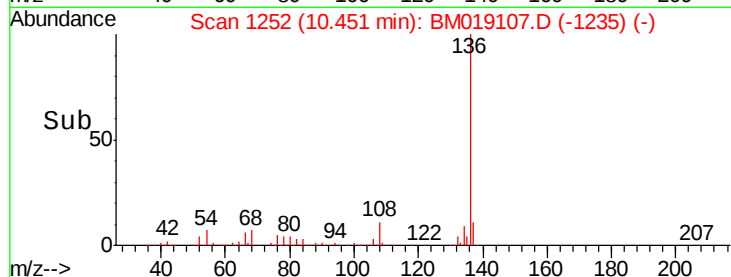
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

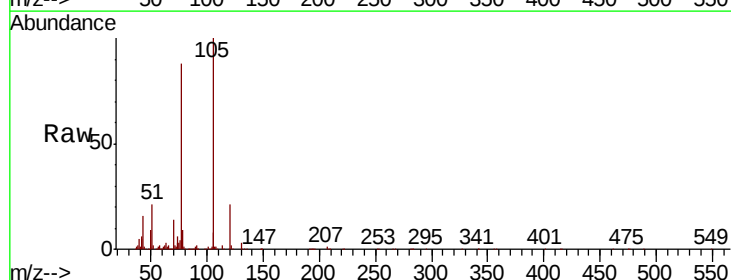
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 40.155 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	950318		
71	2.3		0.8	1.2#
51	20.6		15.8	23.6
120	21.1		17.0	25.4



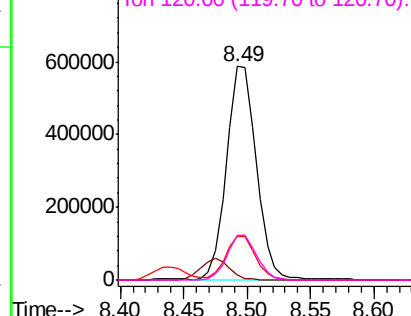
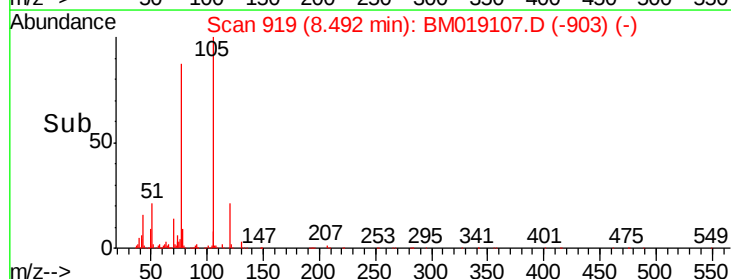
Abundance

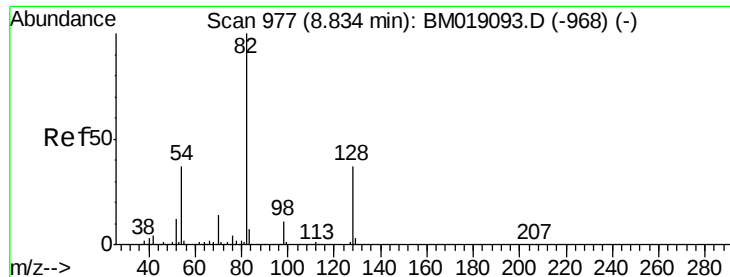
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





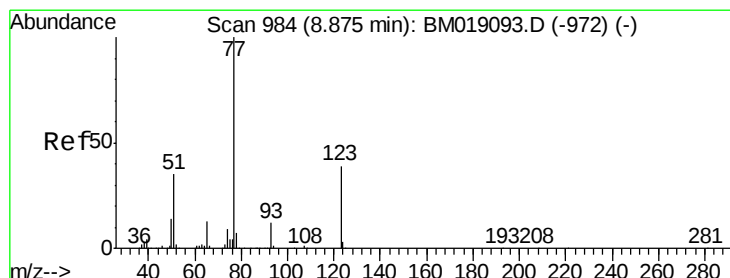
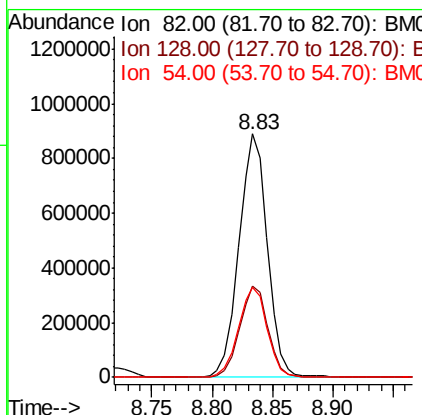
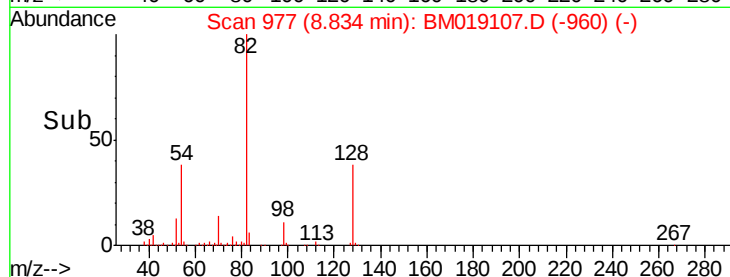
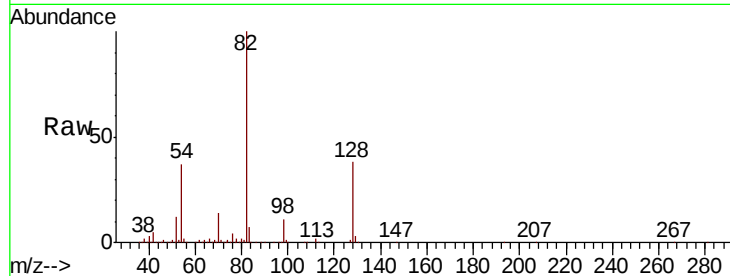
#23
Nitrobenzene-d5
Concen: 80.585 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1459888
Ion Ratio	100	Lower	Upper
82	100		
128	37.5	29.4	44.2
54	37.2	29.9	44.9

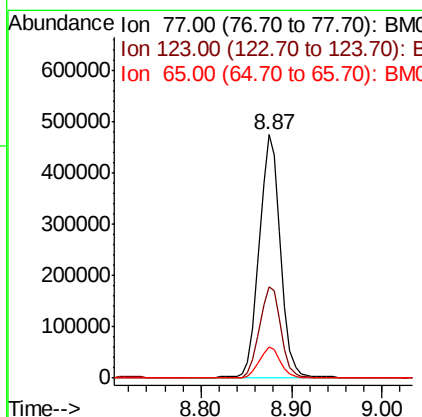
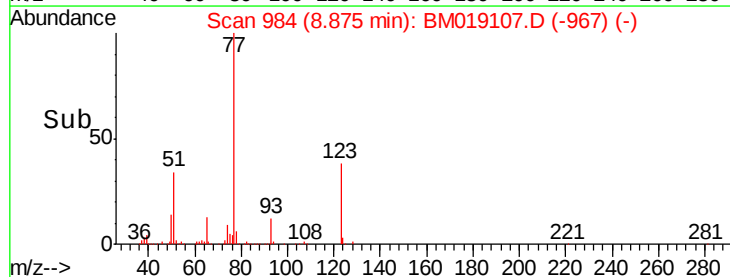
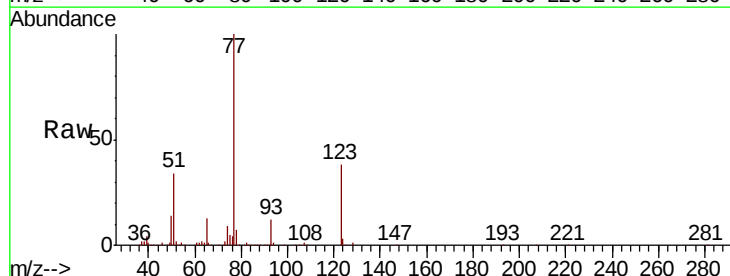
Manual Integrations
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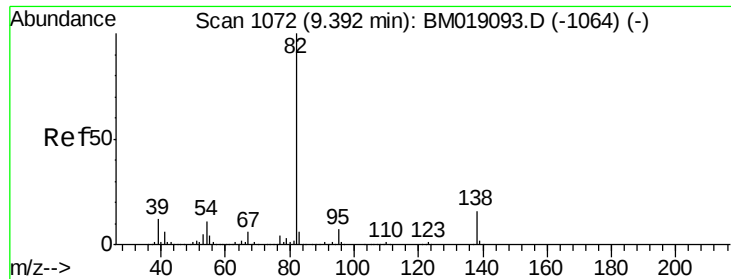
Sohil
3/13/2019 10:44:54 AM



#24
Nitrobenzene
Concen: 40.768 ng
RT: 8.87 min Scan# 984
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	77	Resp	768120
Ion Ratio	100	Lower	Upper
77	100		
123	37.5	31.3	46.9
65	12.9	10.5	15.7





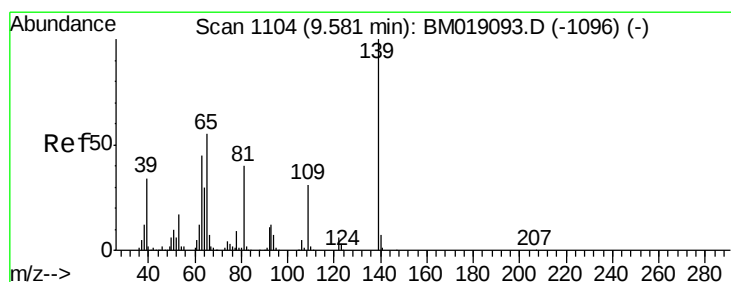
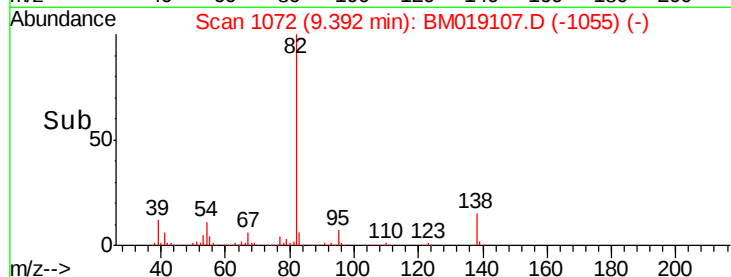
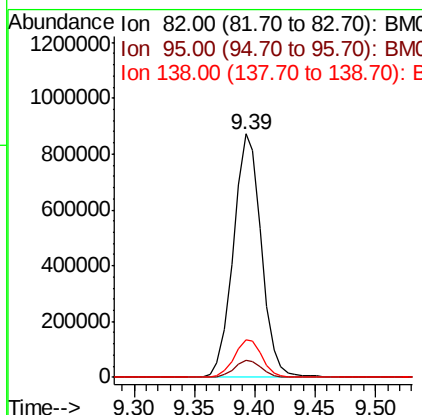
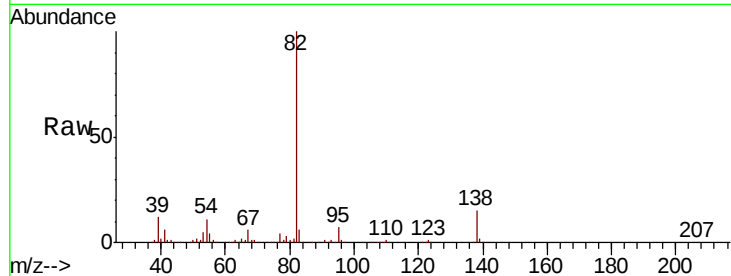
#25
Isophorone
Concen: 40.764 ng
RT: 9.39 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	1409153
Ion Ratio	100	Lower	Upper
82	100		
95	6.8	5.4	8.2
138	15.3	12.6	18.8

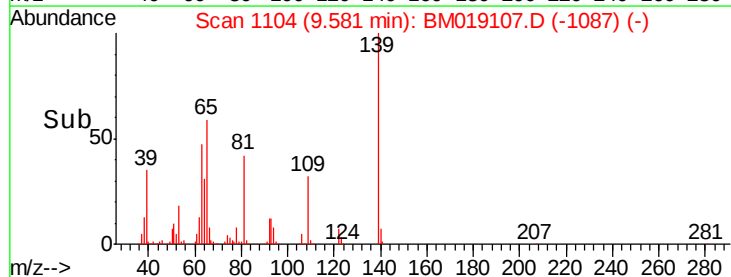
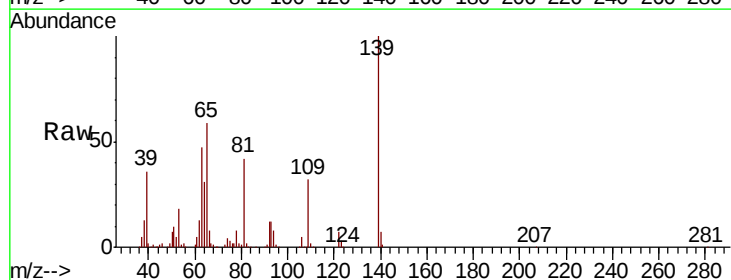
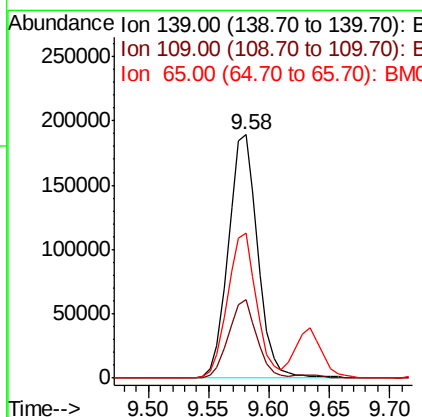
Manual Integrations
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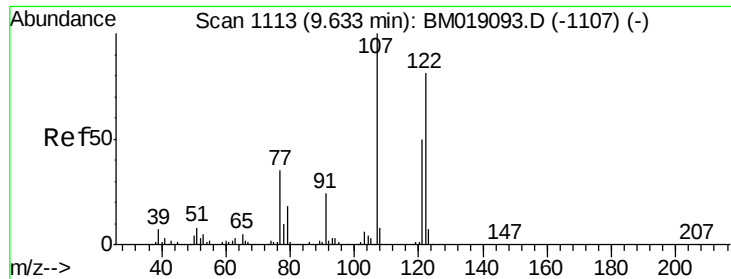
Sohil
3/13/2019 10:44:54 AM



#26
2-Nitrophenol
Concen: 41.115 ng
RT: 9.58 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	139	Resp	321097
Ion Ratio	100	Lower	Upper
139	100		
109	32.1	24.5	36.7
65	59.3	44.4	66.6





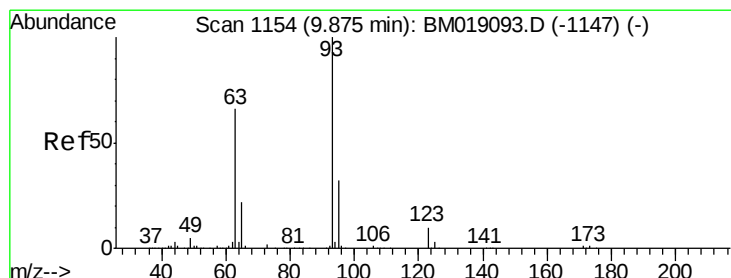
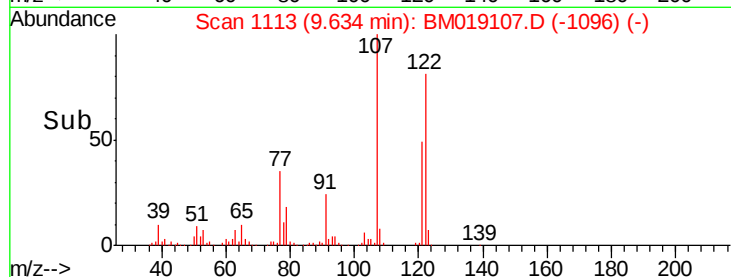
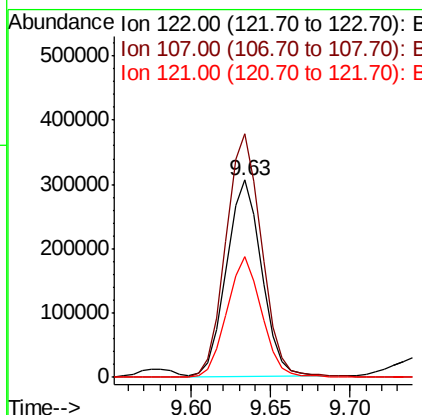
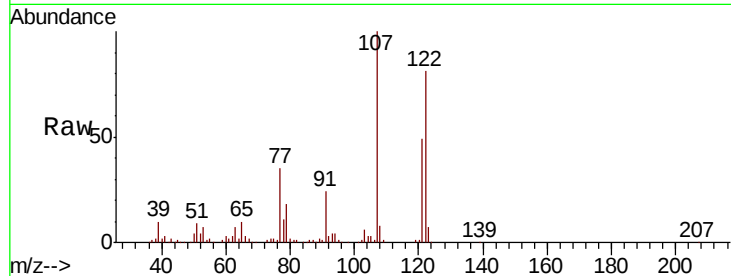
#27
 2,4-Dimethylphenol
 Concen: 40.645 ng
 RT: 9.63 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	471911		
107	123.4	98.2	147.4	
121	61.0	48.8	73.2	

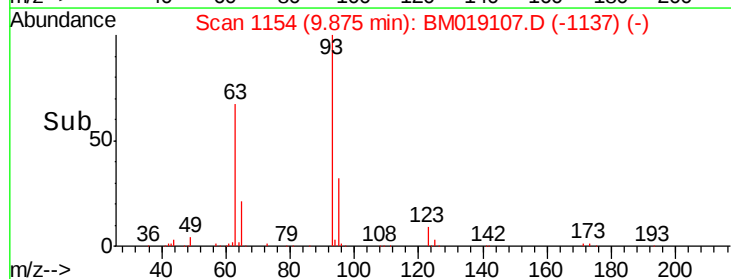
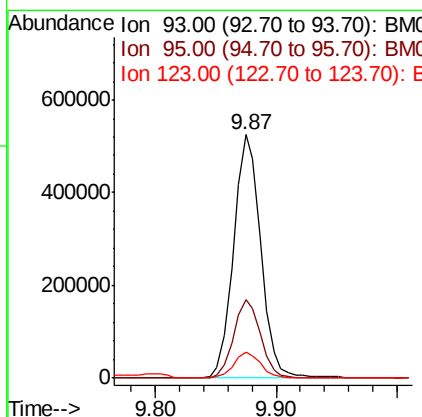
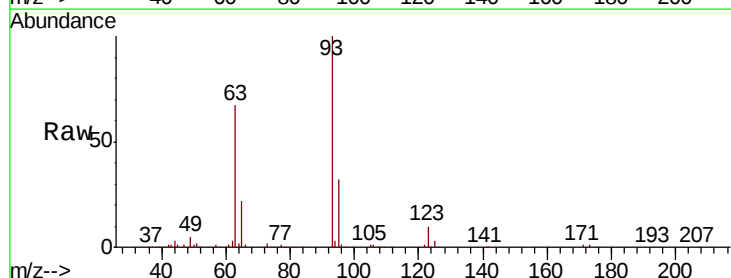
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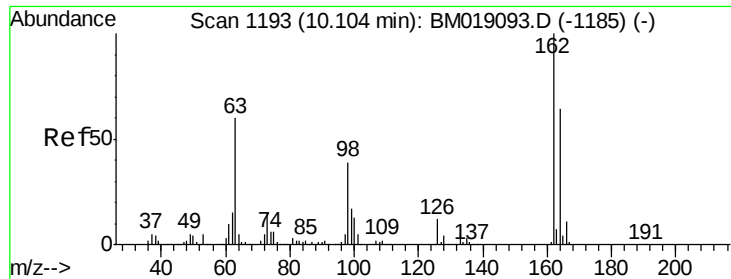
Sohil
 3/13/2019 10:44:54 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.297 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	824833		
95	32.0	25.8	38.8	
123	10.4	7.9	11.9	





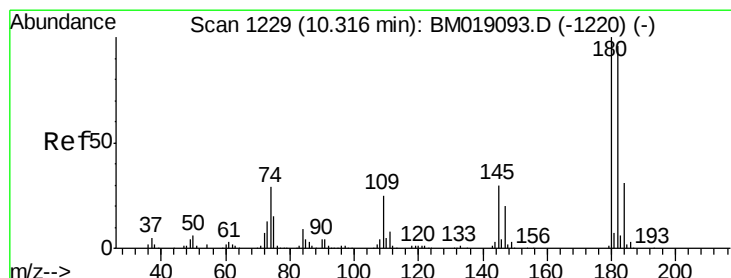
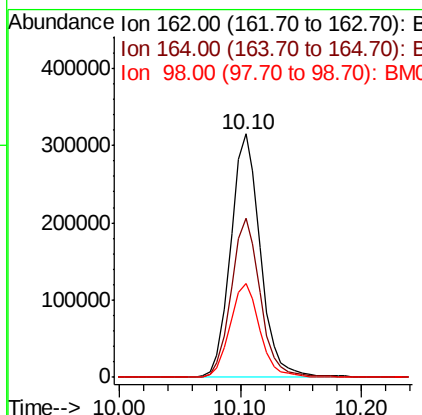
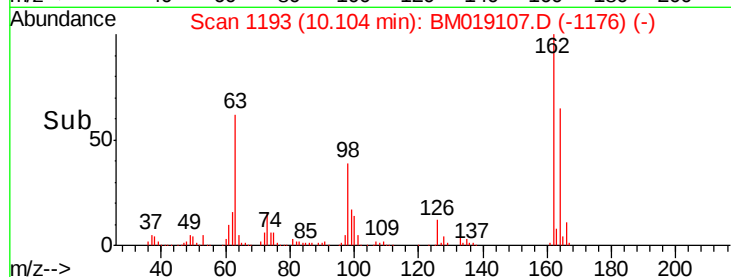
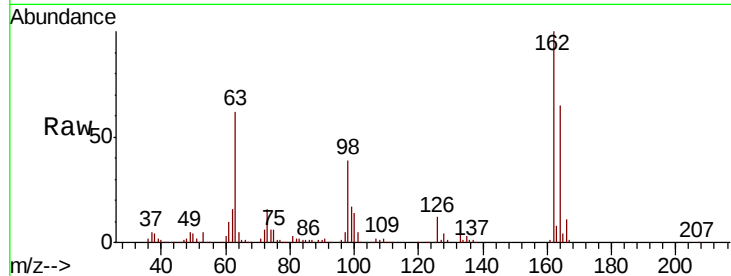
#29
2,4-Dichlorophenol
Concen: 41.879 ng
RT: 10.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.3	43.5	83.5	
98	38.7	19.1	59.1	

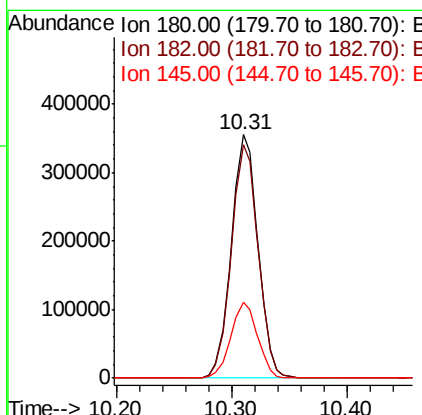
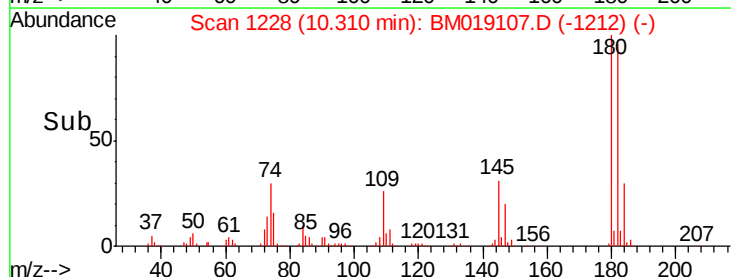
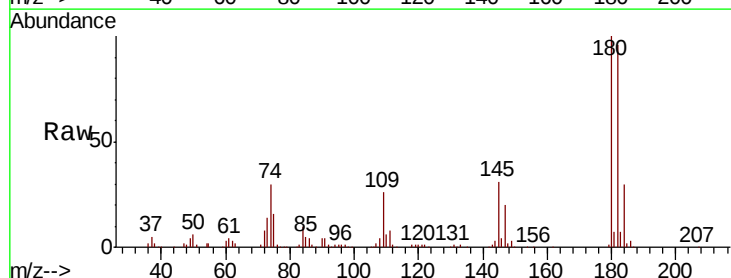
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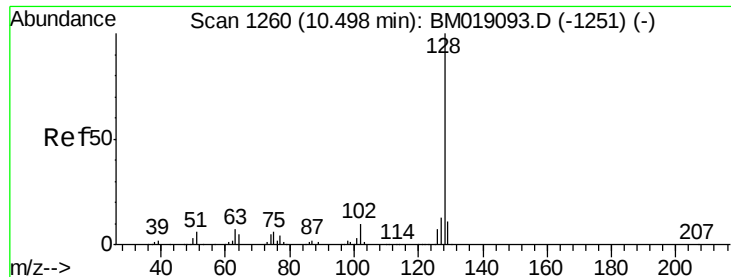
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 39.229 ng
RT: 10.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	76.6	114.8	
145	30.9	24.3	36.5	





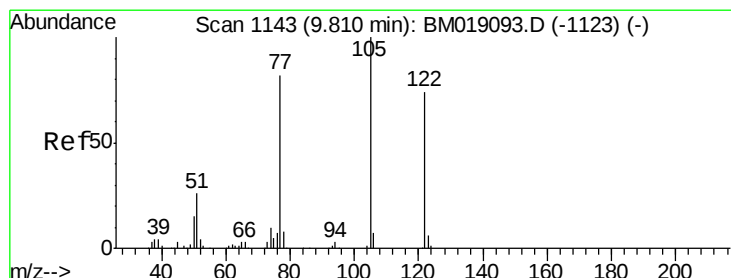
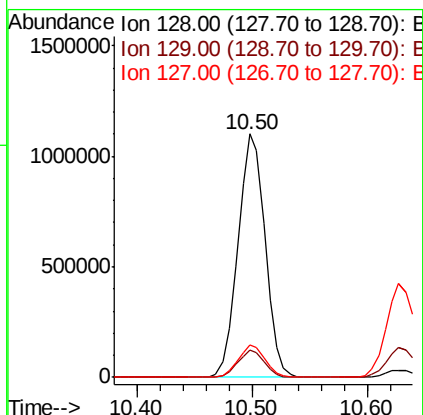
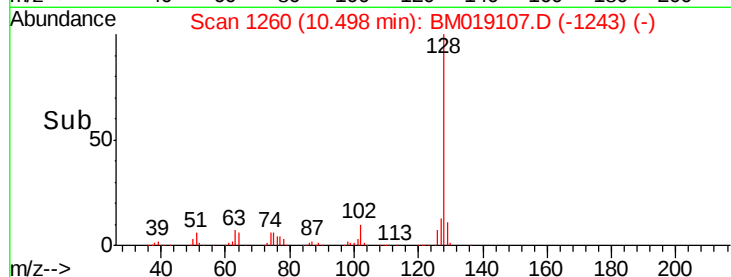
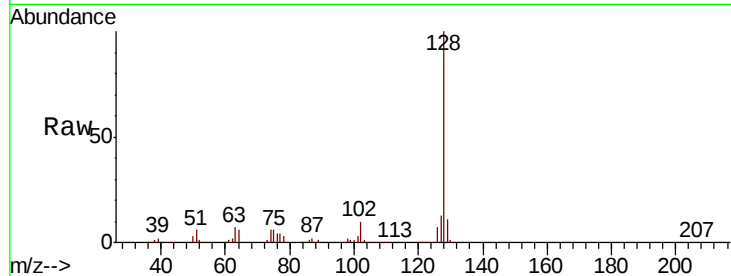
#31
Naphthalene
Concen: 39.601 ng
RT: 10.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.4	10.4	15.6

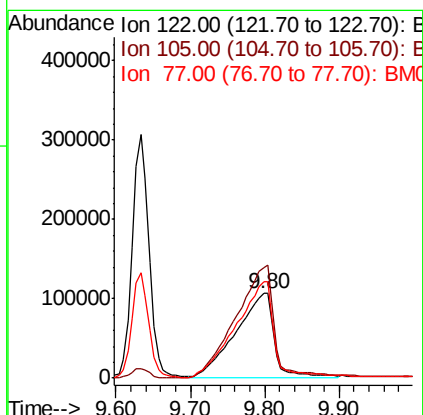
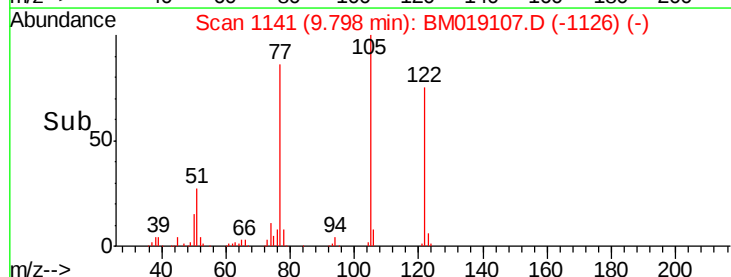
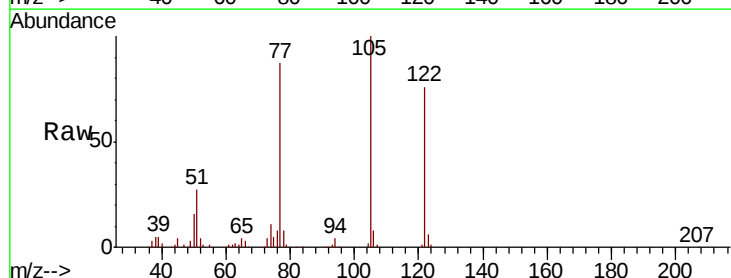
Manual Integrations
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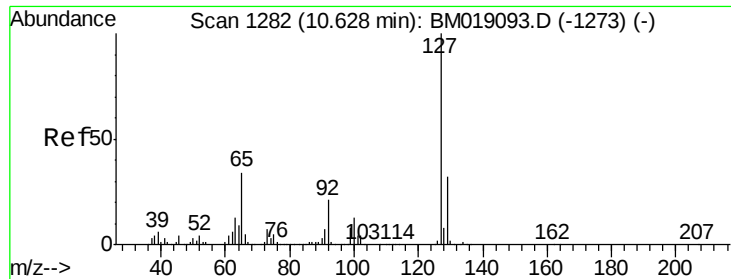
Sohil
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#32
Benzoic acid
Concen: 40.059 ng m
RT: 9.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	113.0	153.0
77	114.1	90.1	130.1





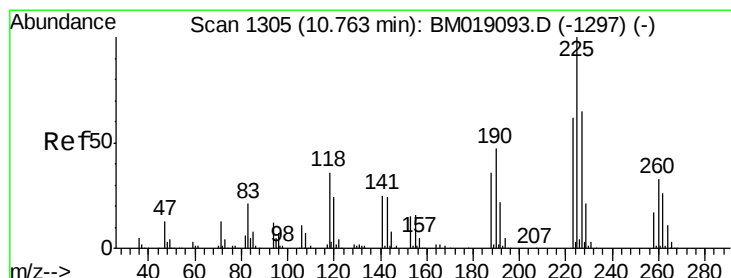
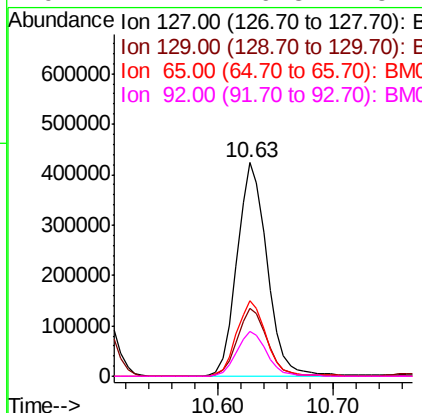
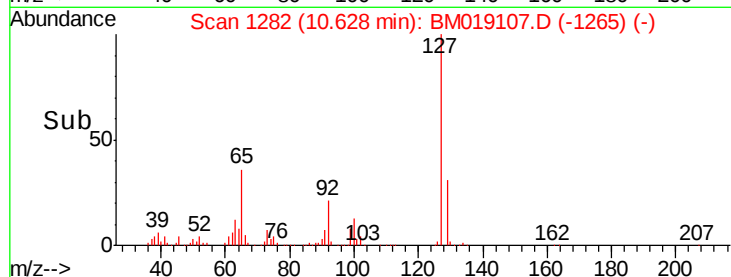
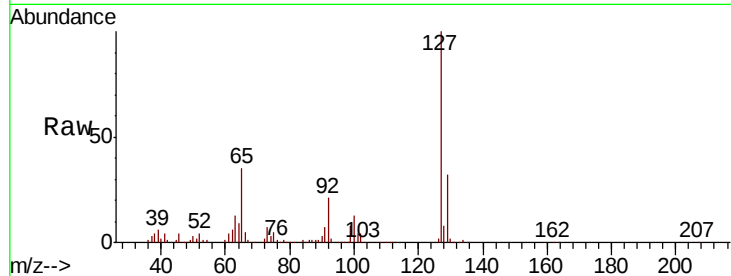
#33
4-Chloroaniline
Concen: 41.484 ng
RT: 10.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.3	37.9
65	35.2	27.4	41.2
92	21.1	16.8	25.2

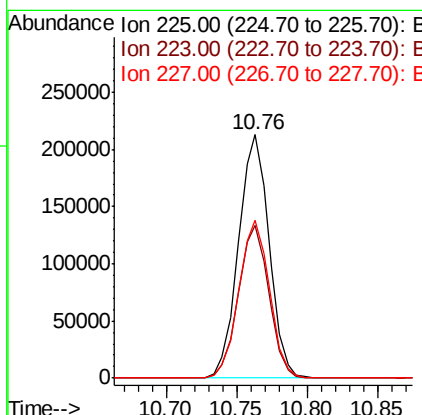
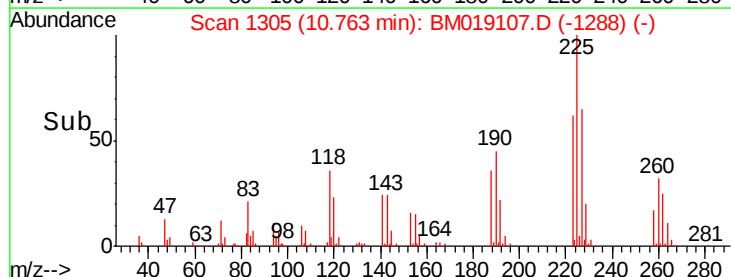
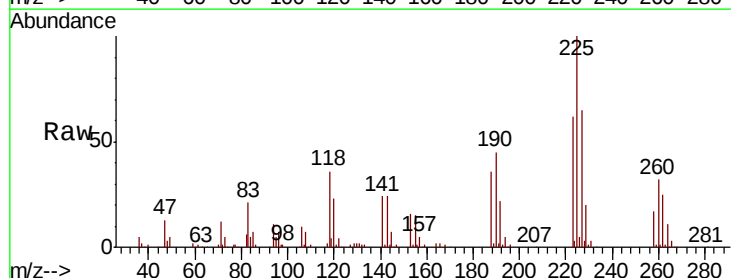
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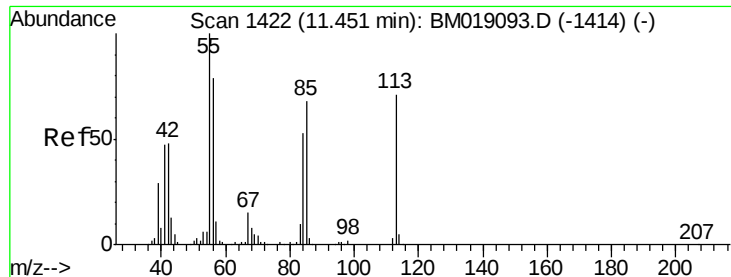
Sohil
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#34
Hexachlorobutadiene
Concen: 38.870 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.0
227	64.6	51.6	77.4





#35

Caprolactam

Concen: 43.372 ng/ml

RT: 11.45 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

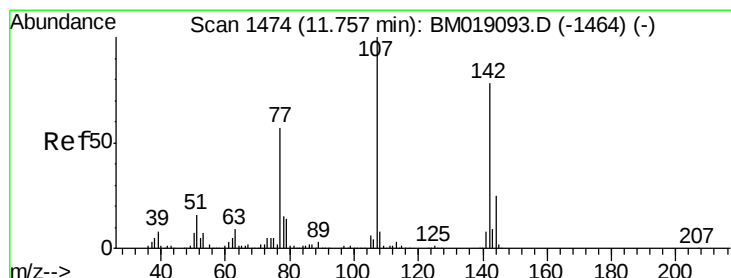
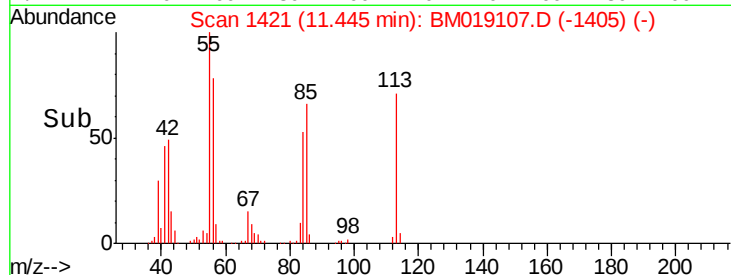
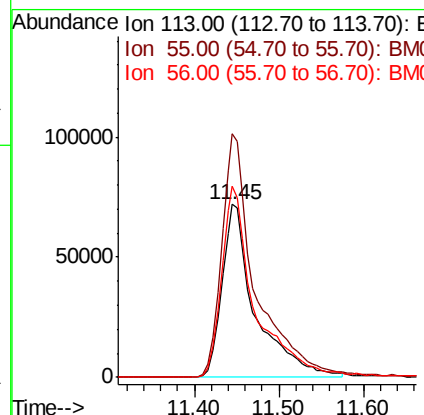
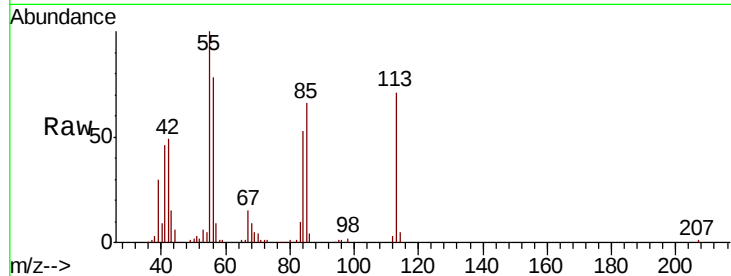
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	198668
Ion Ratio	Lower	Upper	
113	100		
55	141.0	120.1	160.1
56	110.6	90.1	130.1

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#36

4-Chloro-3-methylphenol

Concen: 41.517 ng/ml

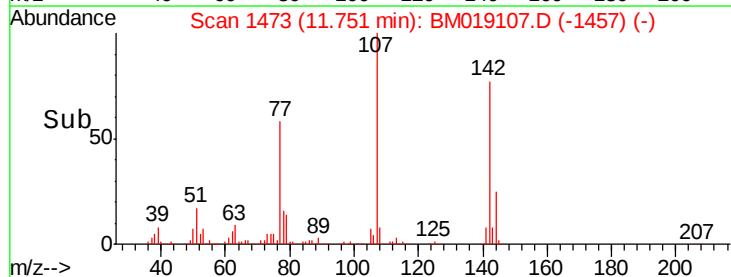
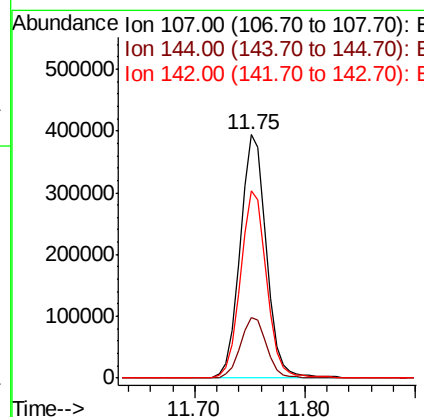
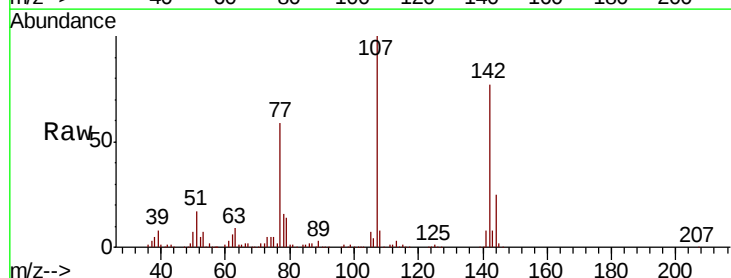
RT: 11.75 min Scan# 1473

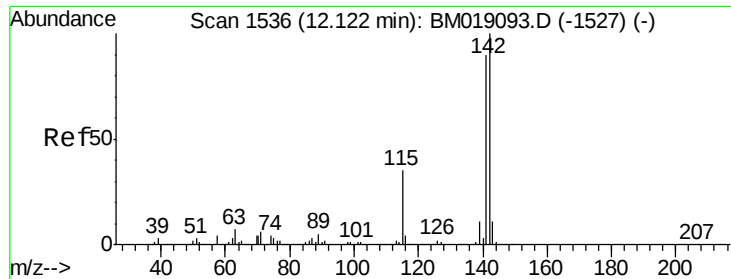
Delta R.T. -0.01 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Tgt Ion:	107	Resp:	658719
Ion Ratio	Lower	Upper	
107	100		
144	24.7	20.2	30.4
142	76.9	62.4	93.6





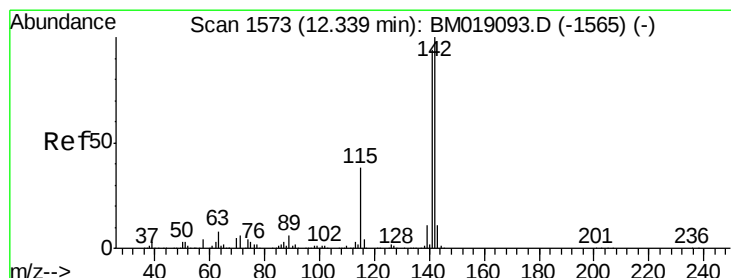
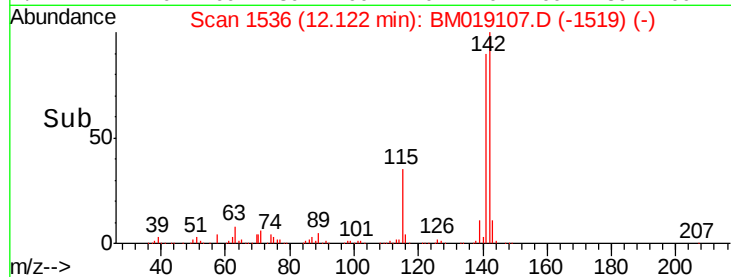
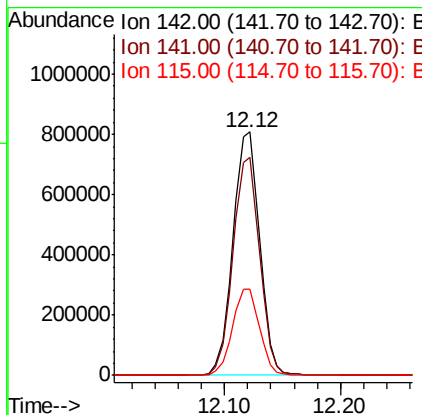
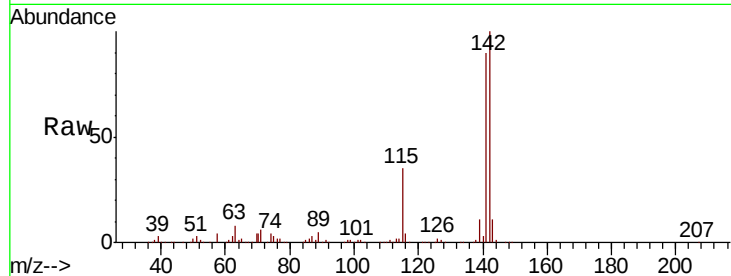
#37
2-Methylnaphthalene
Concen: 39.611 ng
RT: 12.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.3	108.5
115	35.2	27.8	41.8

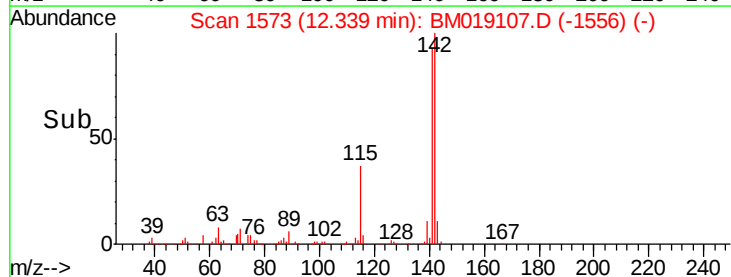
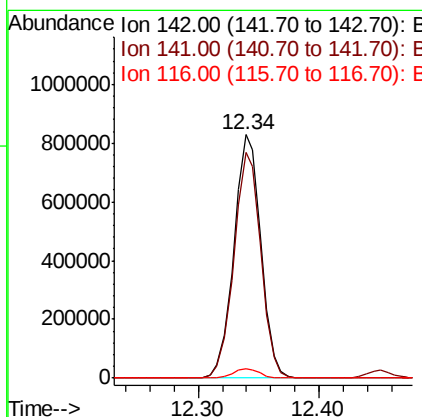
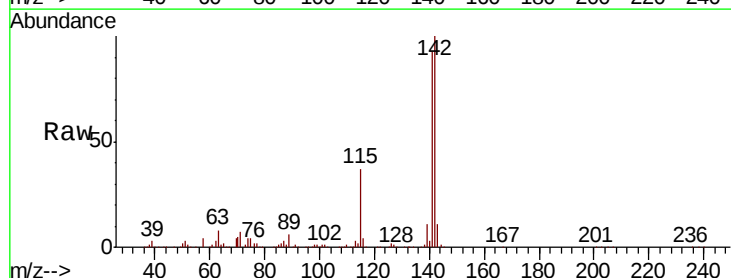
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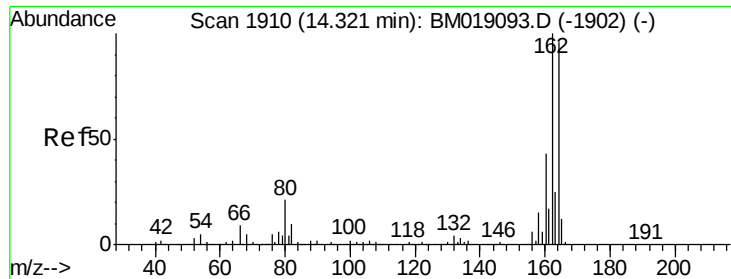
Sohil
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#38
1-Methylnaphthalene
Concen: 39.759 ng
RT: 12.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.9	112.3
116	3.8	3.2	4.8





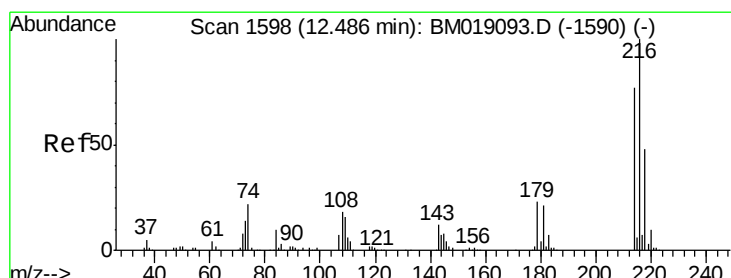
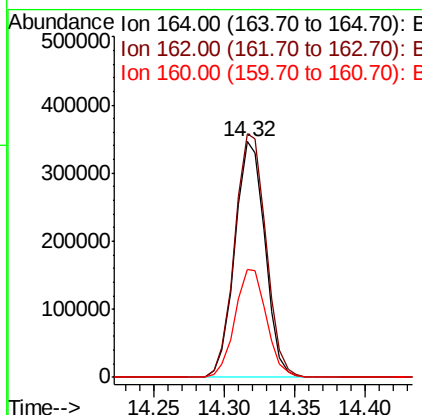
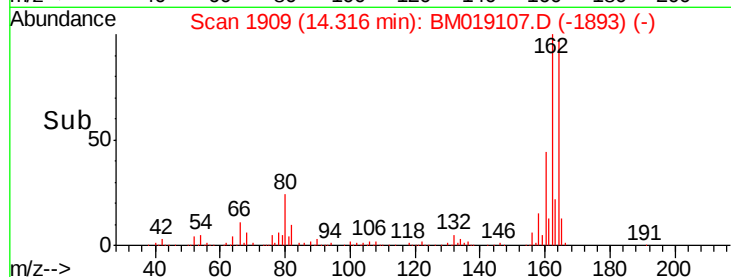
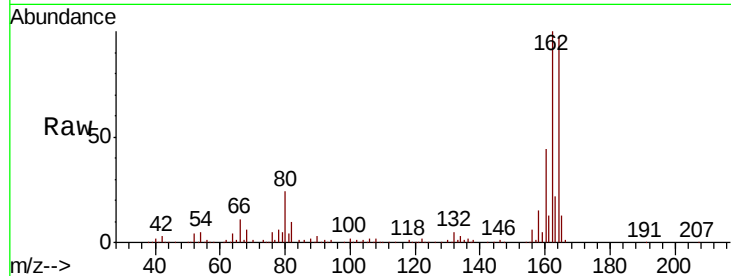
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.5	125.3
160	45.8	36.3	54.5

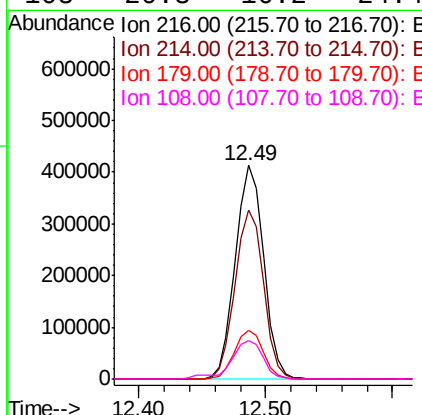
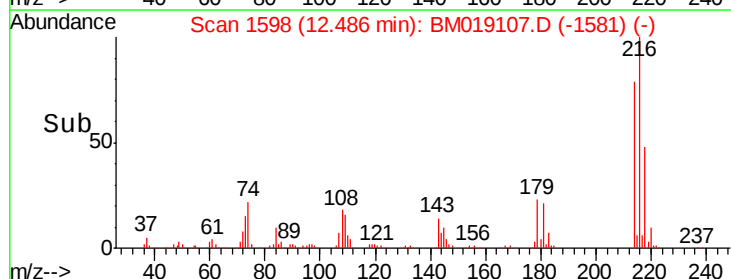
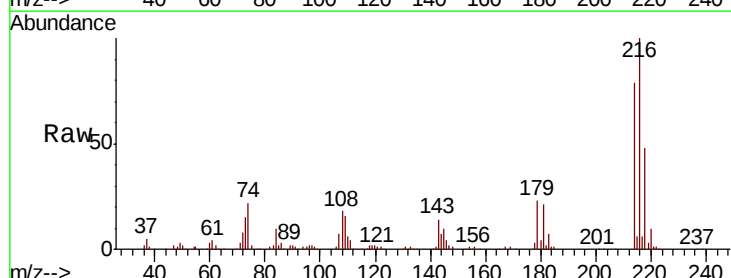
Manual Integrations
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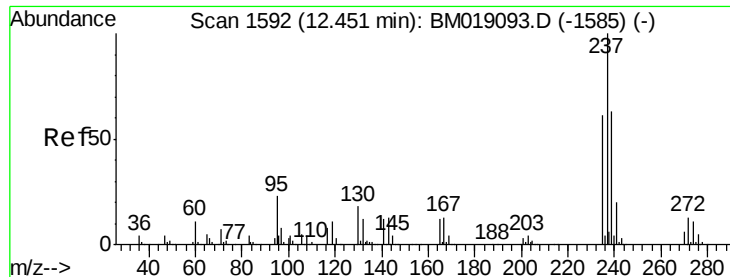
Sohil
3/13/2019 10:44:54 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.240 ng
RT: 12.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.9	94.3
179	23.0	18.0	27.0
108	20.3	16.2	24.4





#41

Hexachlorocyclopentadiene

Concen: 38.721 ng

RT: 12.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

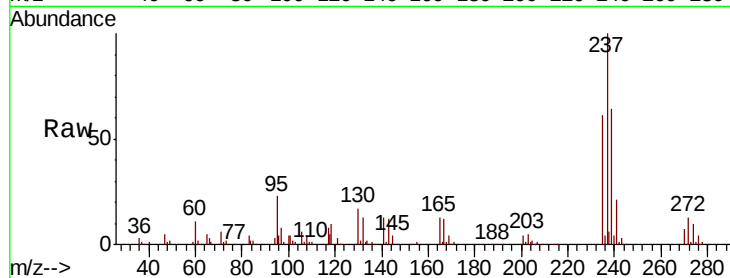
ClientSampleId :

SSTDCCC040

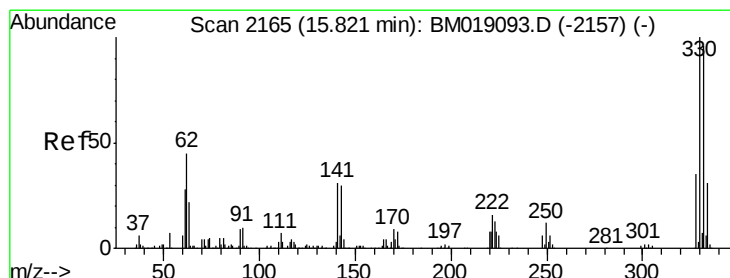
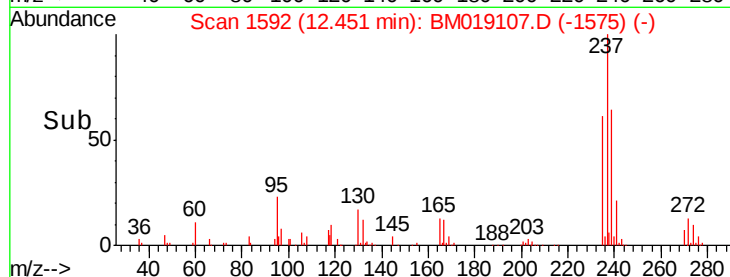
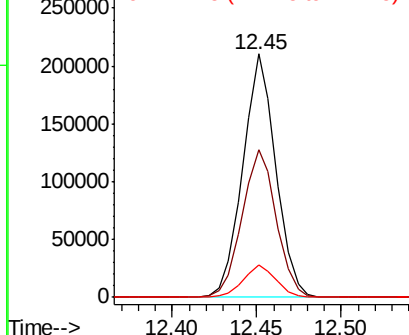
Tot Ion:	237	Resp:	285849
Ion Ratio		Lower	Upper
237	100		
235	60.6	41.3	81.3
272	13.2	0.0	33.1

Manual Integrations
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3/13/2019 10:44:54 AM



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: 82.192 ng

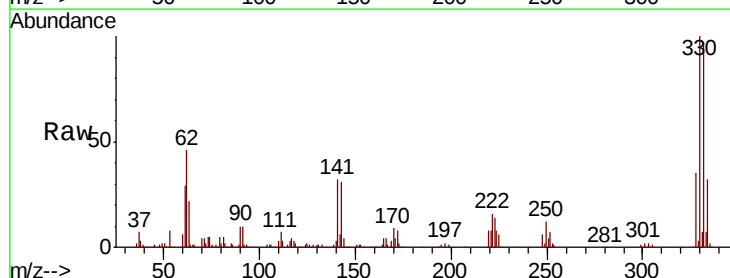
RT: 15.82 min Scan# 2165

Delta R.T. 0.00 min

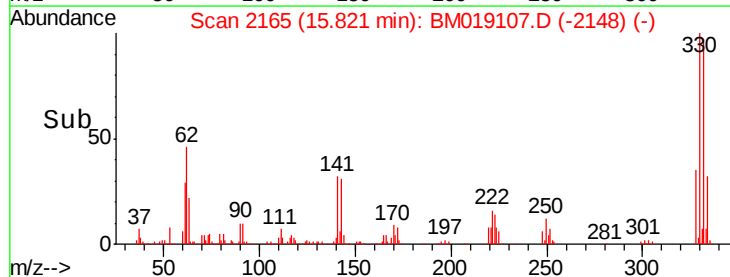
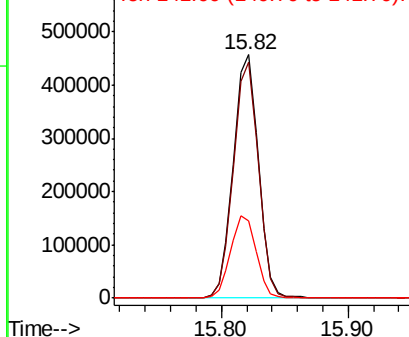
Lab File: BM019107.D

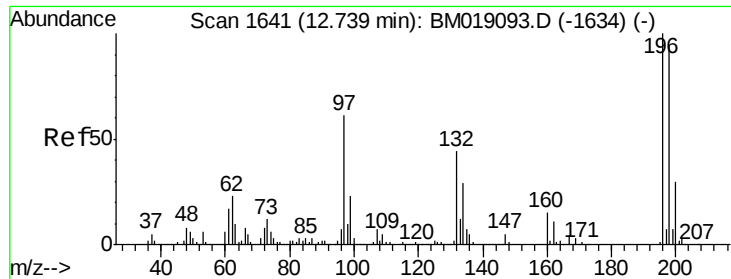
Acq: 12 Mar 2019 12:13

Tgt Ion:	330	Resp:	625243
Ion Ratio		Lower	Upper
330	100		
332	96.7	76.8	115.2
141	34.4	27.0	40.4



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: 40.654 ng

RT: 12.74 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

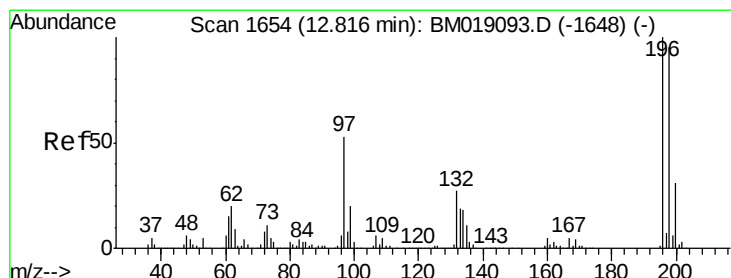
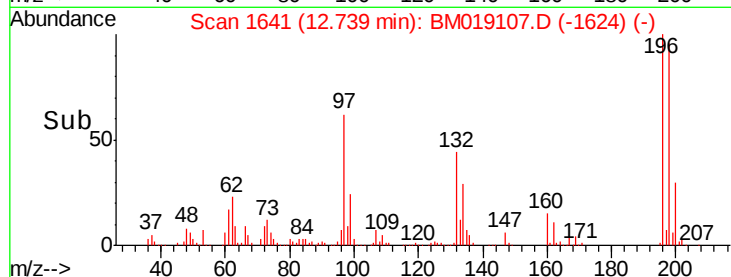
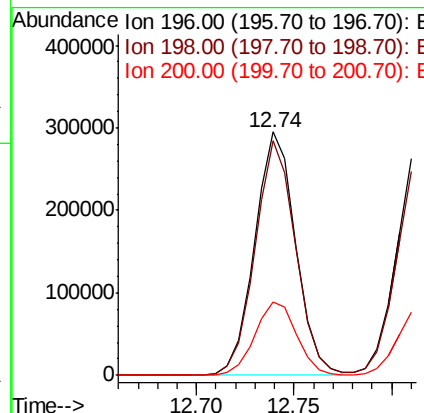
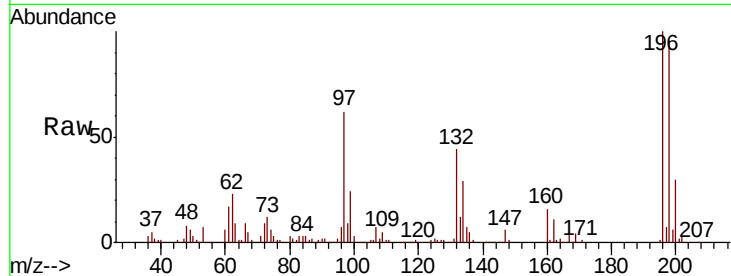
ClientSampleId :

SSTDCCC040

Tot Ion:	196	Resp:	428181
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.4	113.0
200	30.4	24.2	36.2

Manual Integrations
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3/13/2019 10:44:54 AM



#44

2,4,5-Trichlorophenol

Concen: 41.127 ng

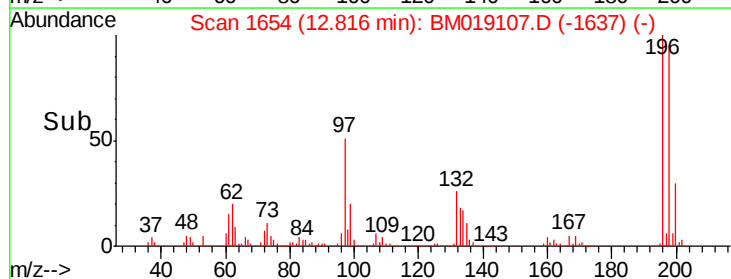
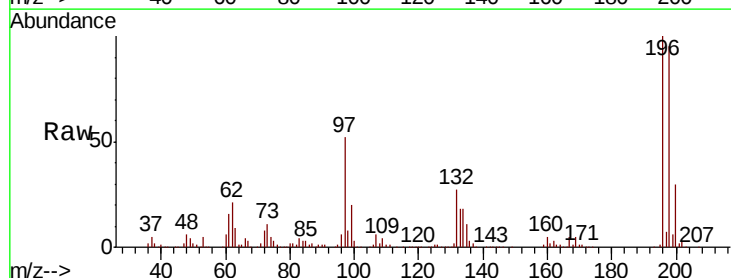
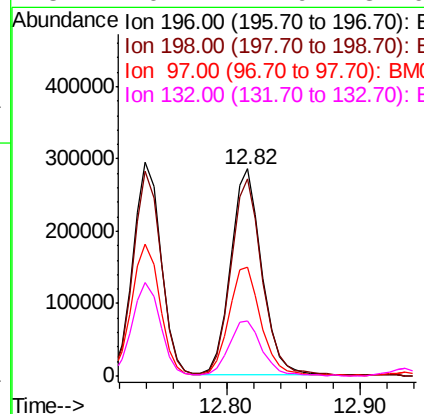
RT: 12.82 min Scan# 1654

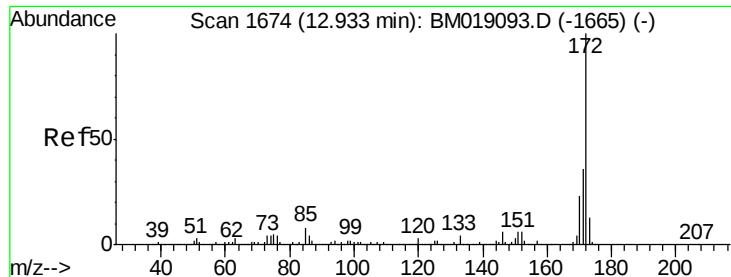
Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Tgt Ion:	196	Resp:	463205
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.9	113.9
97	52.4	42.5	63.7
132	26.7	21.9	32.9





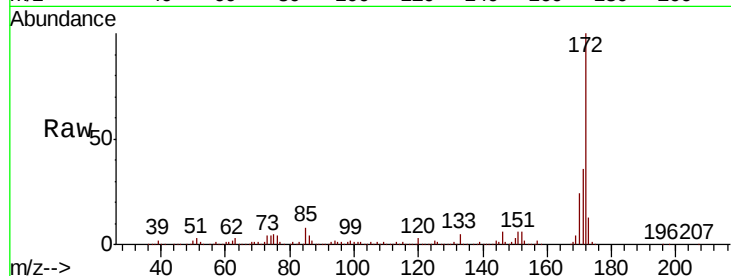
#45
2-Fluorobiphenyl
Concen: 77.945 ng
RT: 12.93 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	42.8
170	23.7	18.6	28.0

Manual Integrations
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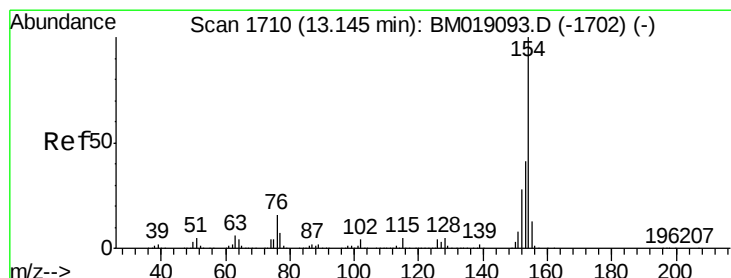
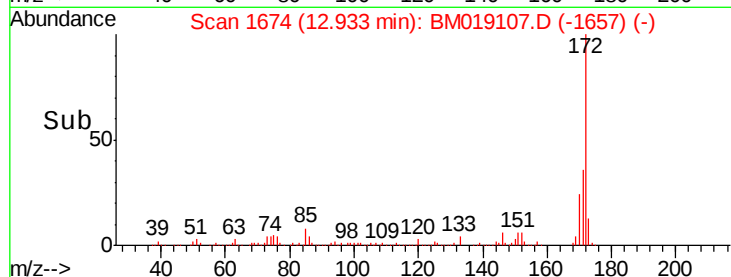
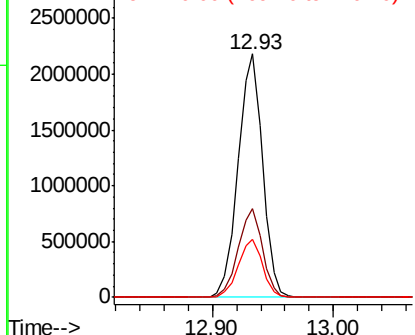


Abundance

Ion 172.00 (171.70 to 172.70): E

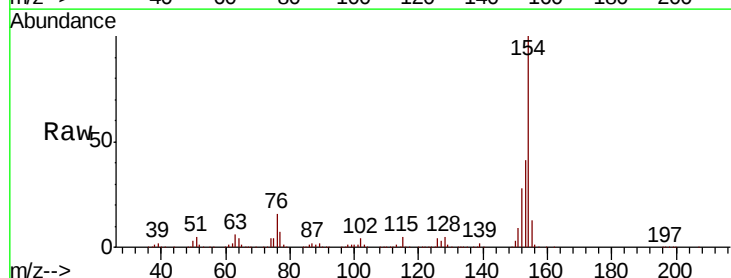
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.957 ng
RT: 13.15 min Scan# 1710
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.5	61.5
76	15.7	0.0	35.8

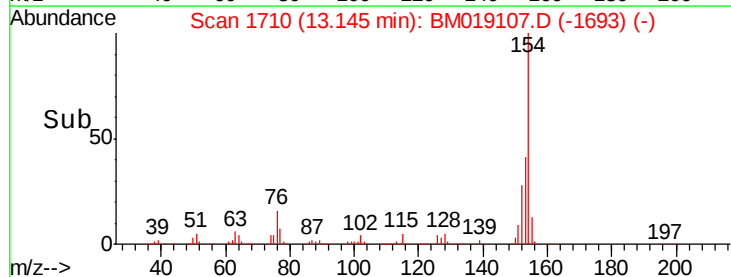
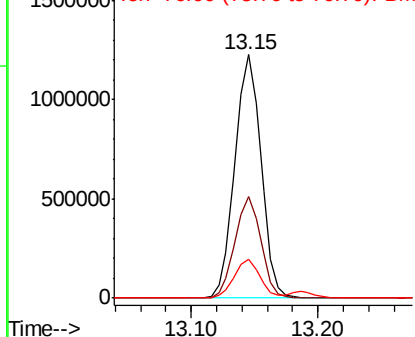


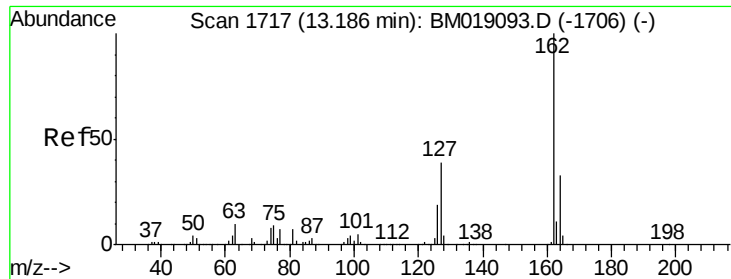
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





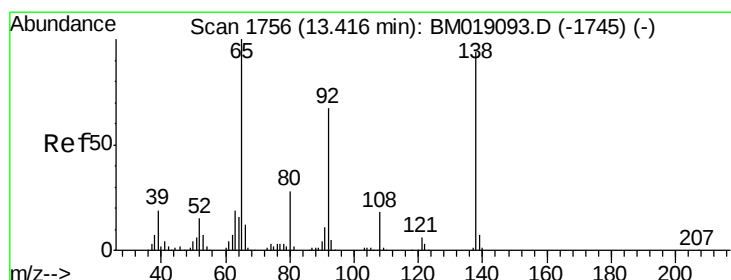
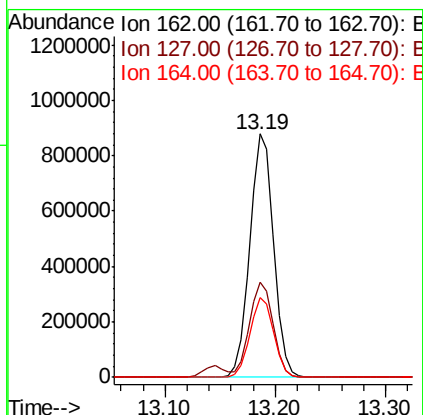
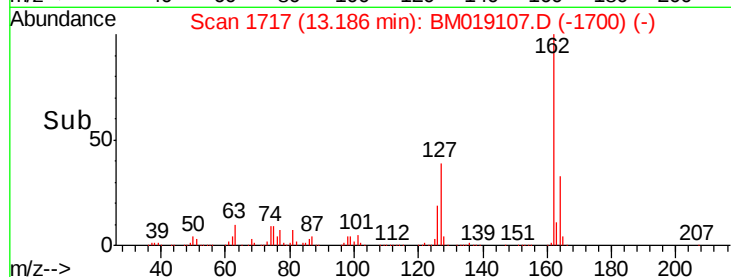
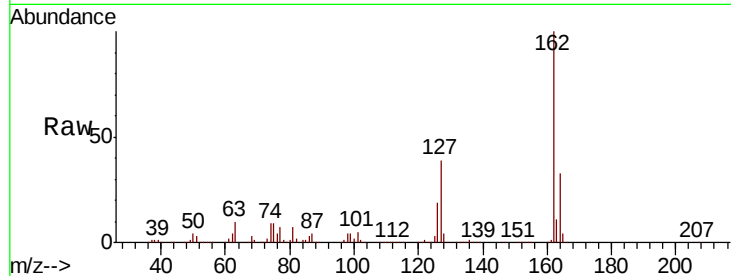
#47
2-Chloronaphthalene
Concen: 39.635 ng
RT: 13.19 min Scan# 1717
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.2	46.8
164	33.0	26.3	39.5

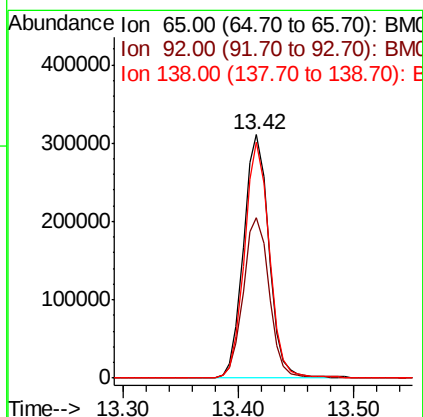
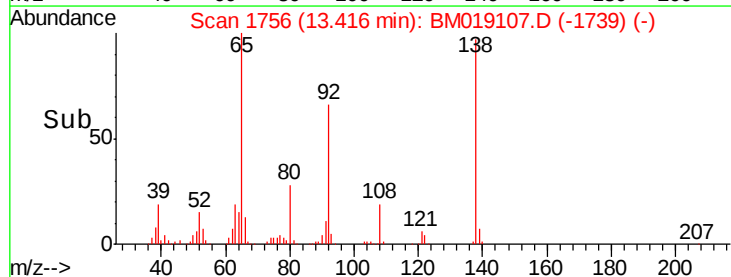
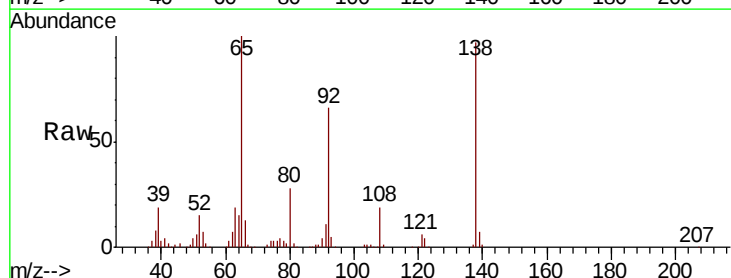
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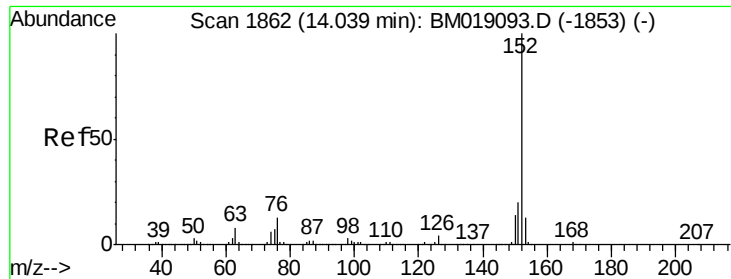
Sohil
3/13/2019 10:44:54 AM



#48
2-Nitroaniline
Concen: 42.395 ng
RT: 13.42 min Scan# 1756
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	53.4	80.2
138	97.0	74.9	112.3





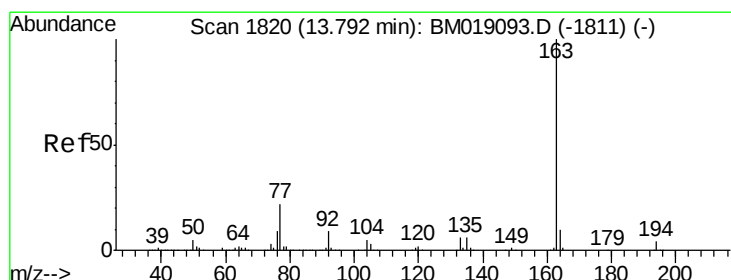
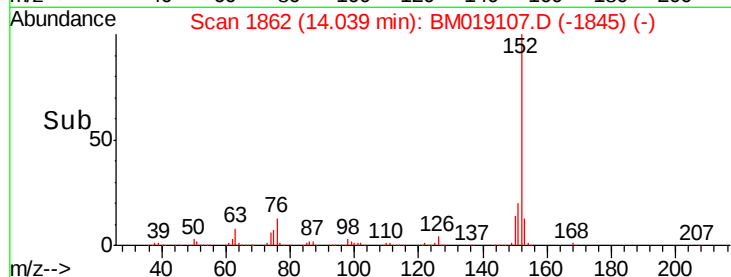
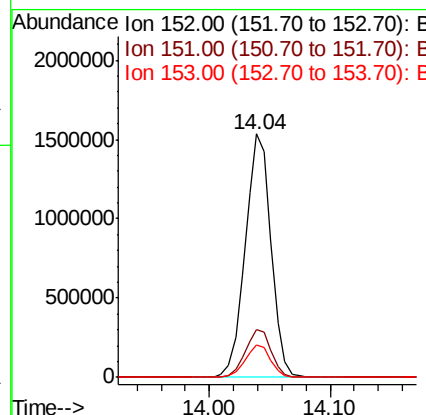
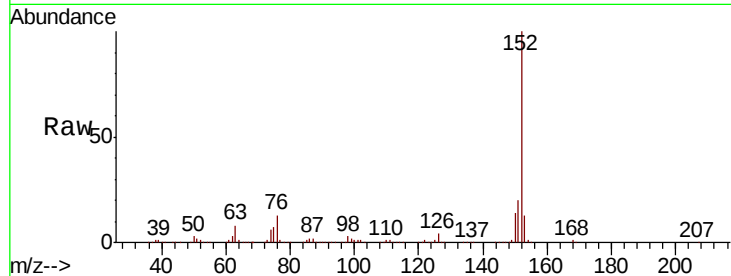
#49
Acenaphthylene
Concen: 40.145 ng
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.1	10.6	15.8

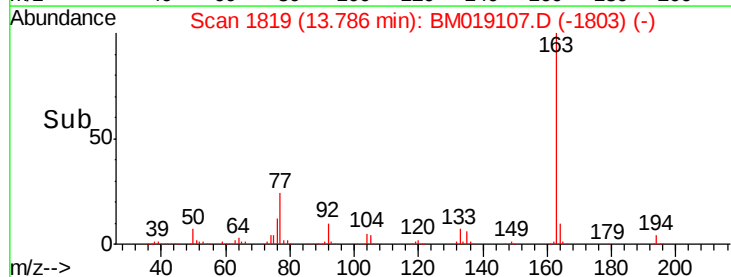
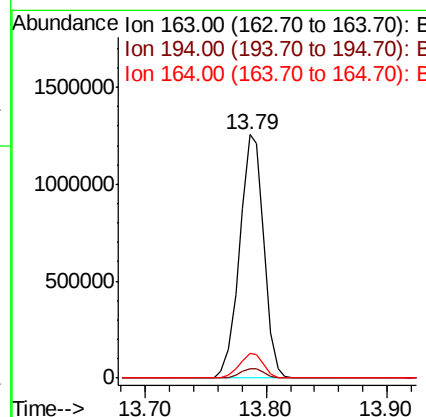
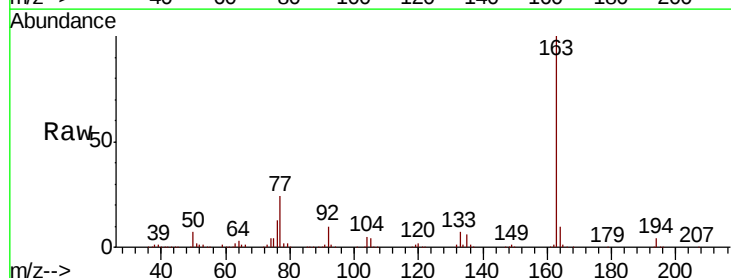
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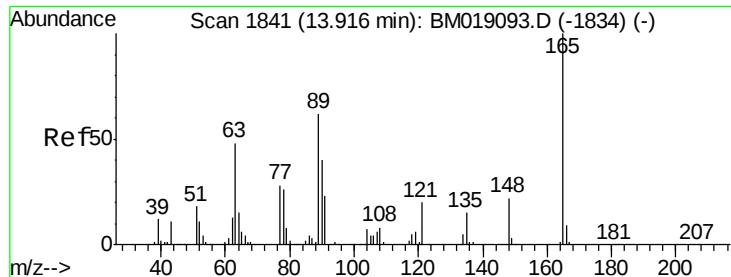
Sohil
3/13/2019 10:44:54 AM



#50
Dimethylphthalate
Concen: 39.666 ng
RT: 13.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	7.7	11.5





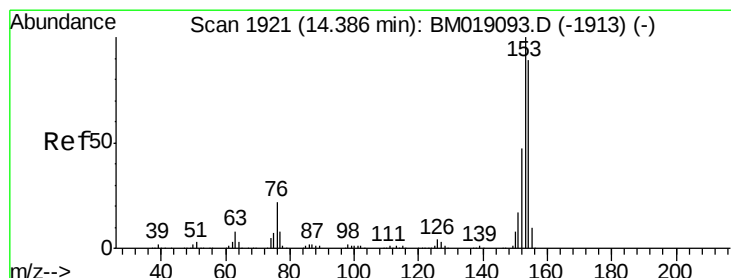
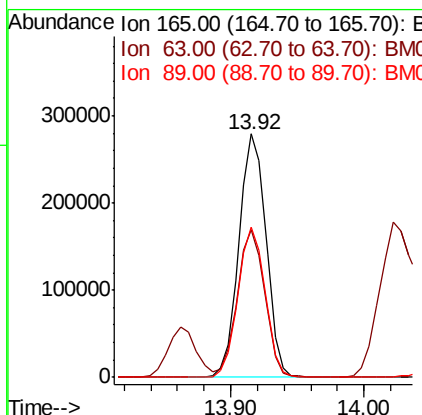
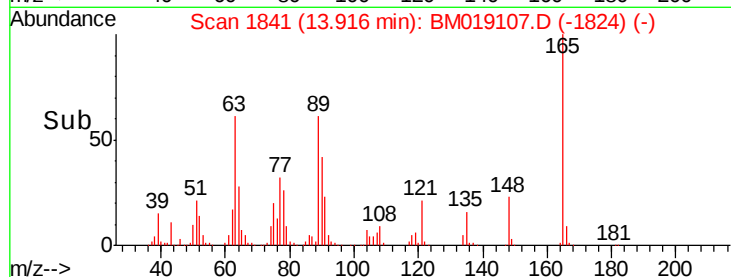
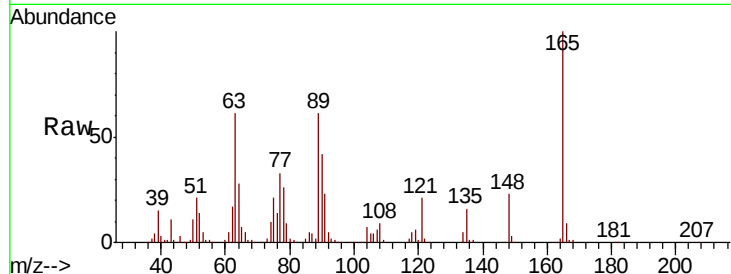
#51
2,6-Dinitrotoluene
Concen: 41.228 ng
RT: 13.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	392815		
63	60.8	48.2	72.4	
89	61.4	49.3	73.9	

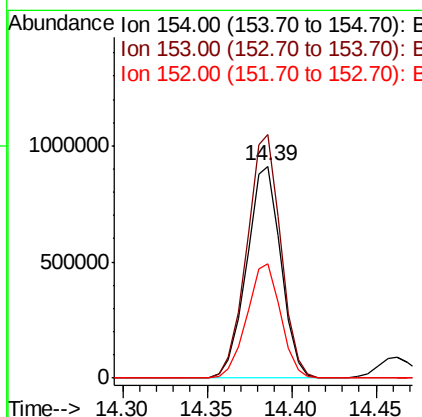
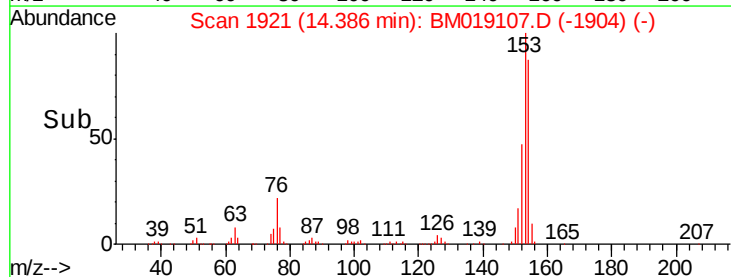
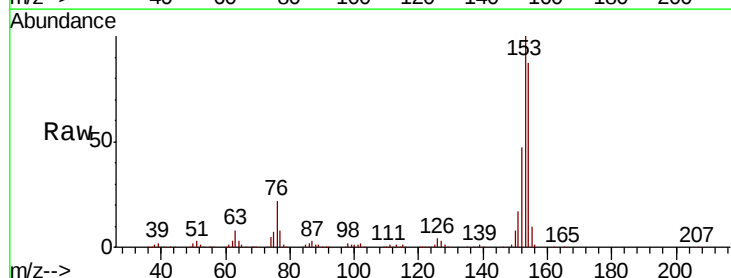
Manual Integrations
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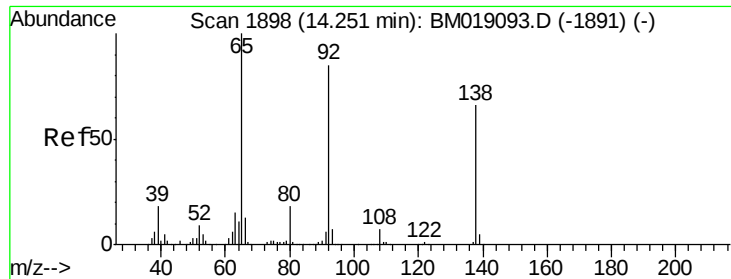
Sohil
3/13/2019 10:44:54 AM



#52
Acenaphthene
Concen: 39.373 ng
RT: 14.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1284803		
153	114.9	90.1	135.1	
152	53.8	42.5	63.7	





#53

3-Nitroaniline

Concen: 40.454 ng

RT: 14.25 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 408230

Ion Ratio Lower Upper

138 100

108 11.1 9.0 13.4

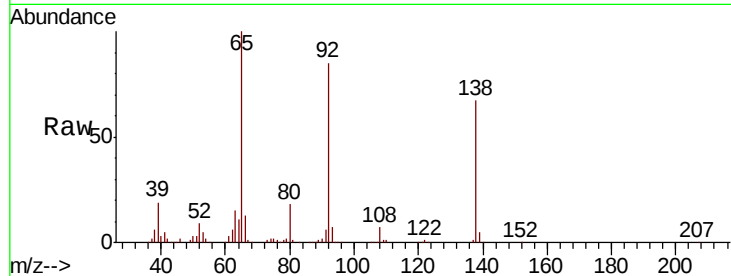
92 127.2 102.6 153.8

Manual Integrations

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Sohil

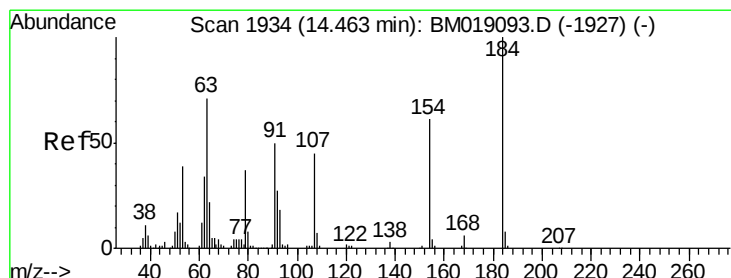
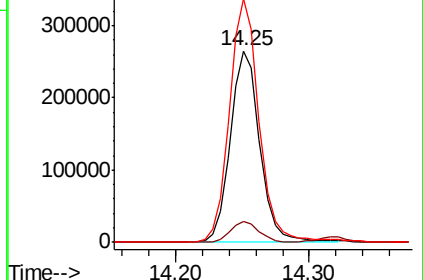
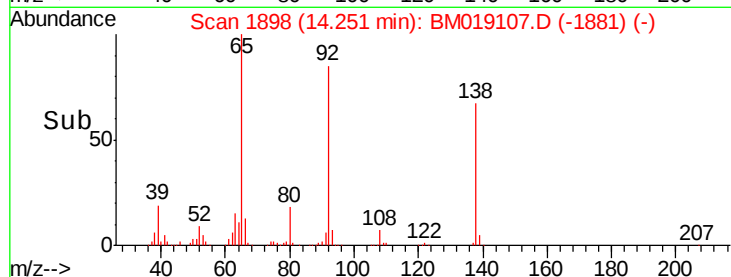
3/13/2019 10:44:54 AM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 40.539 ng

RT: 14.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

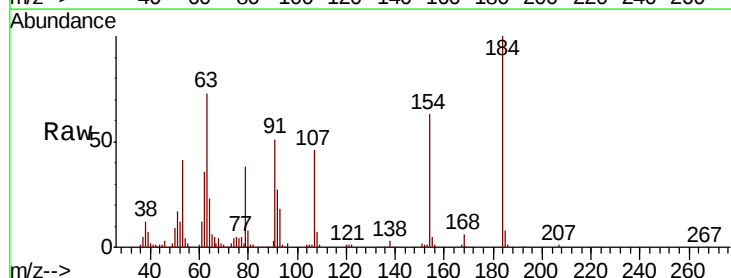
Tgt Ion:184 Resp: 224314

Ion Ratio Lower Upper

184 100

63 72.8 56.7 85.1

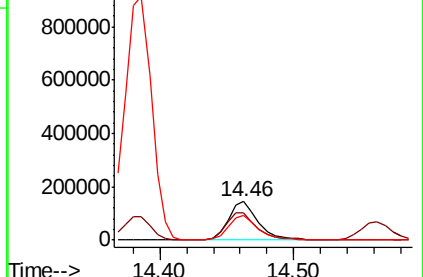
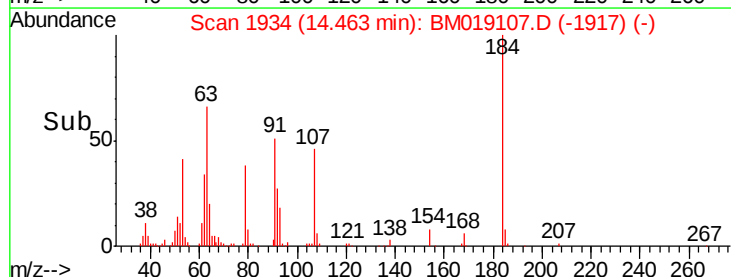
154 63.4 49.3 73.9

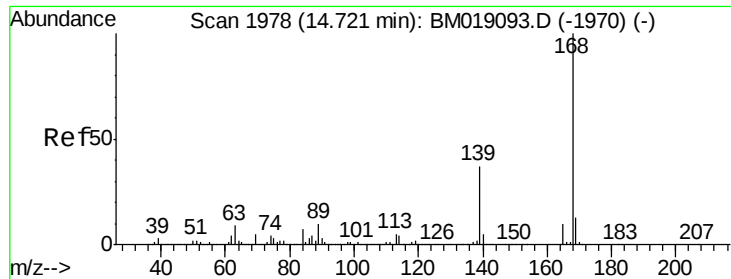


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





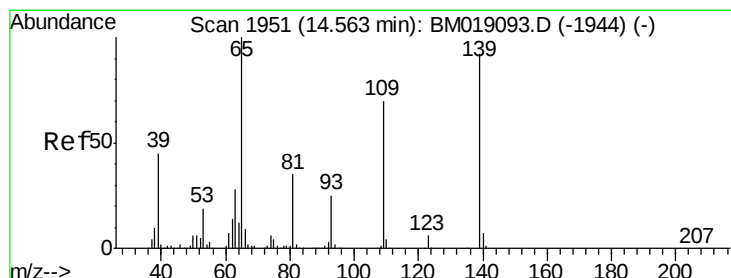
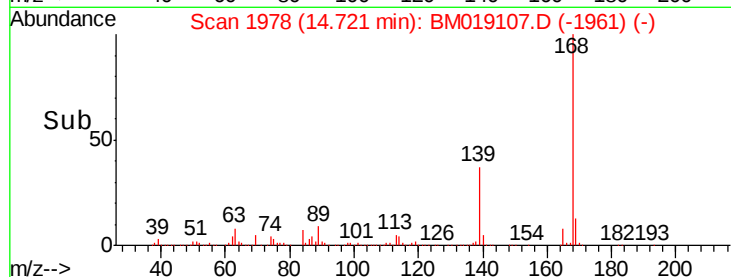
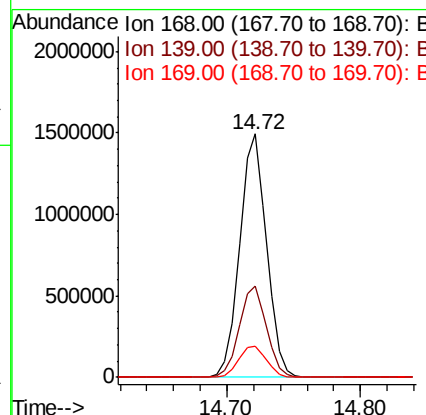
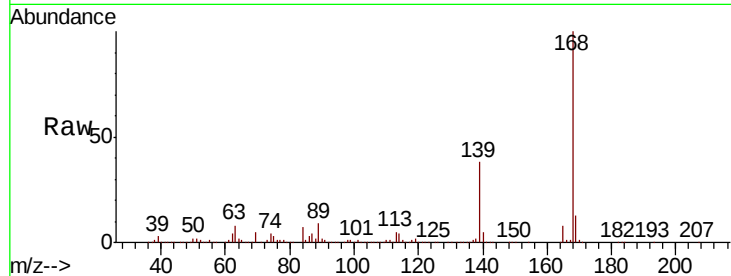
#55
Dibenzofuran
Concen: 39.497 ng
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.1	45.1
169	13.0	10.6	16.0

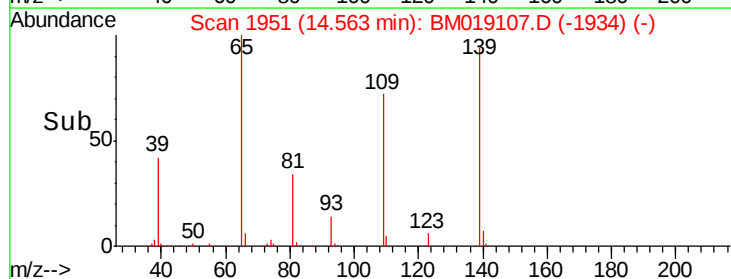
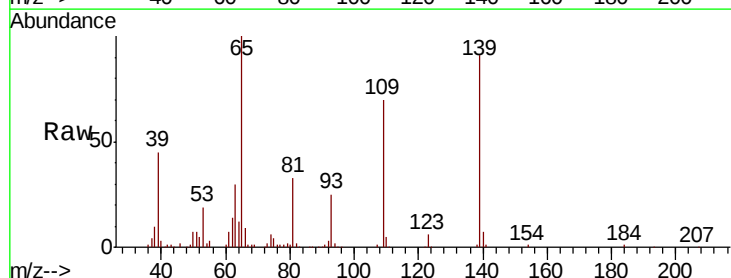
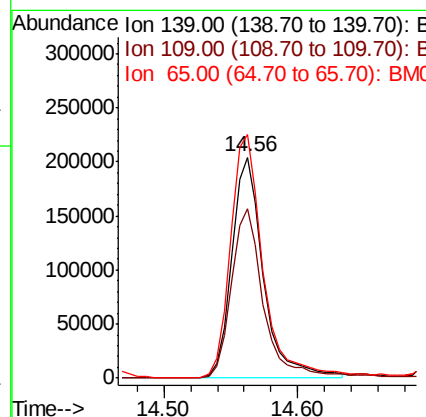
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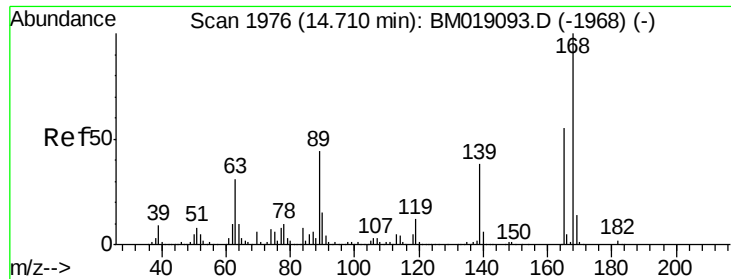
Sohil
3/13/2019 10:44:54 AM



#56
4-Nitrophenol
Concen: 41.262 ng
RT: 14.56 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.9	56.3	96.3
65	110.2	89.2	129.2





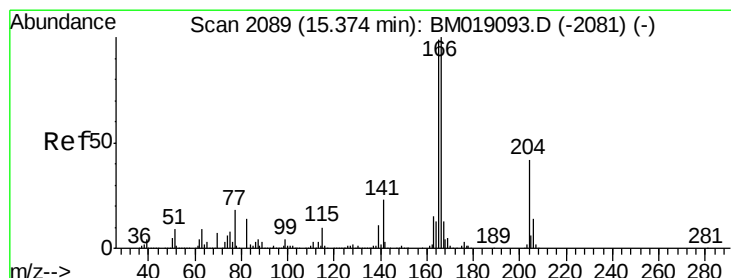
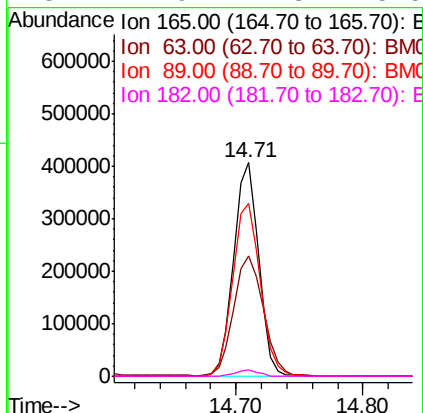
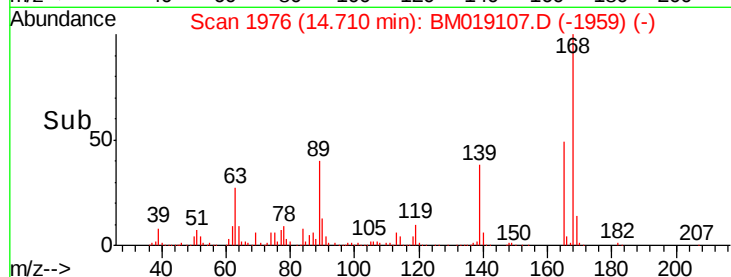
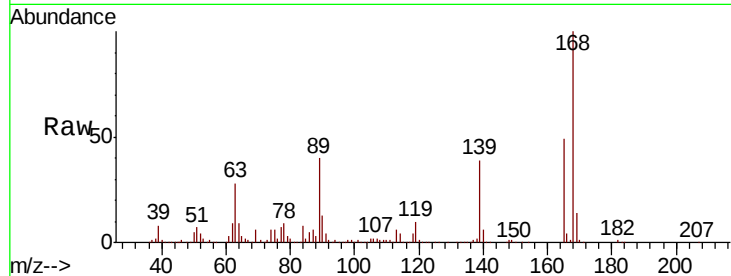
#57
2,4-Dinitrotoluene
Concen: 39.991 ng
RT: 14.71 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	553090		
63	56.4		44.7	67.1
89	81.0		63.4	95.2
182	2.9		2.3	3.5

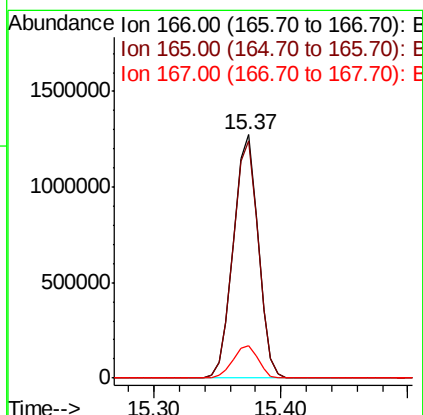
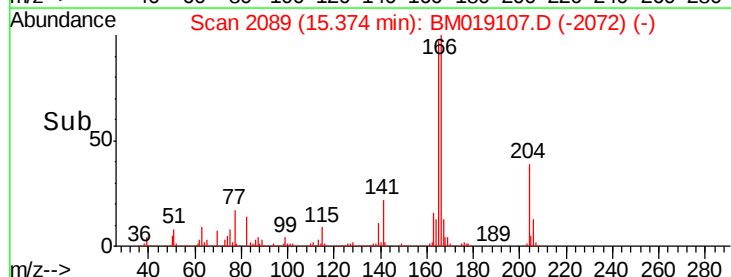
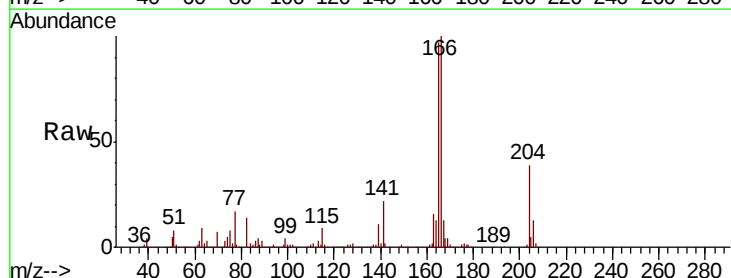
Manual Integrations
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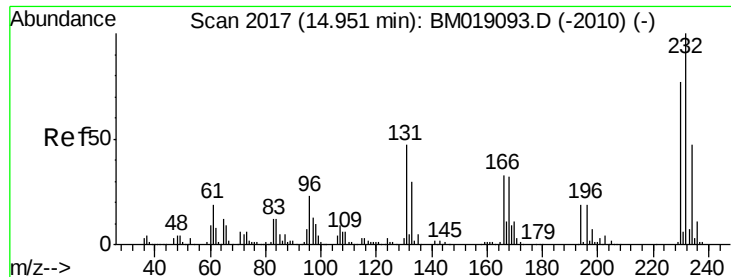
Sohil
3/13/2019 10:44:54 AM



#58
Fluorene
Concen: 39.643 ng
RT: 15.37 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1719581		
165	97.4		79.0	118.4
167	13.3		10.8	16.2





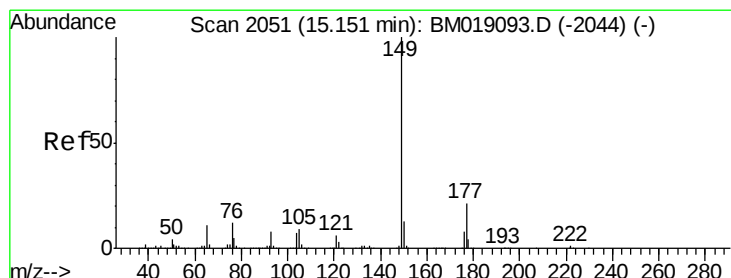
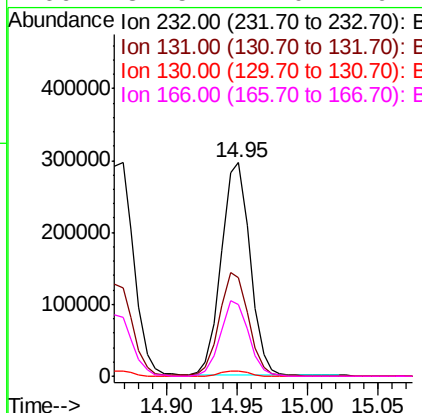
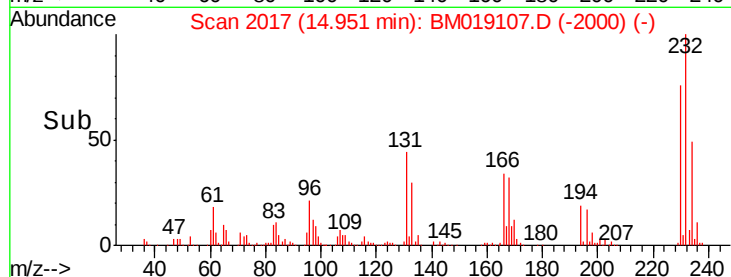
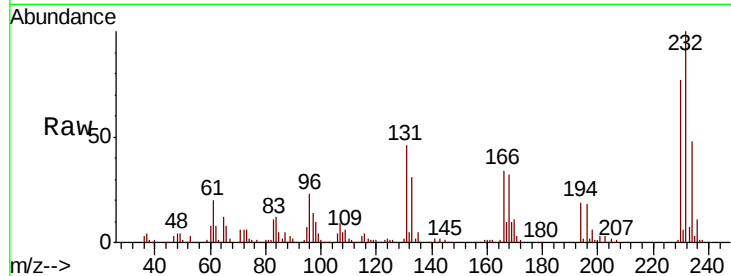
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.232 ng
 RT: 14.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	38.2	57.2
130	2.6	1.9	2.9
166	34.5	27.0	40.4

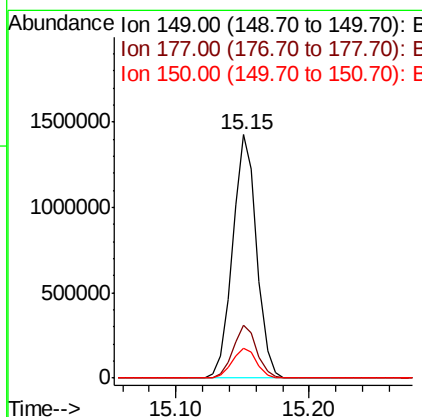
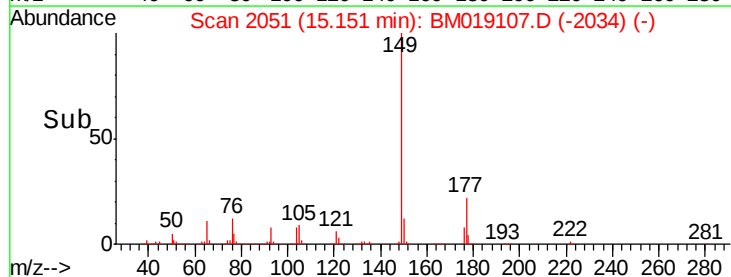
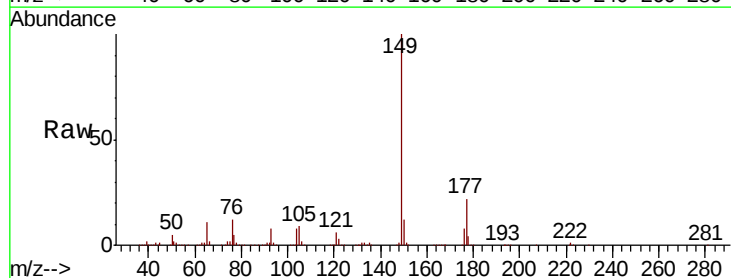
Manual Integrations
 APPROVED

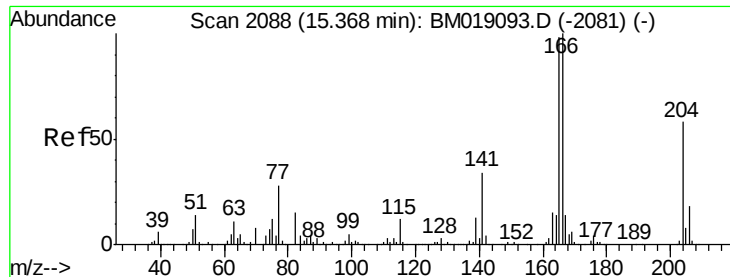
Sohil
 3/13/2019 10:44:54 AM



#60
 Diethylphthalate
 Concen: 40.055 ng
 RT: 15.15 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.4	10.2	15.4





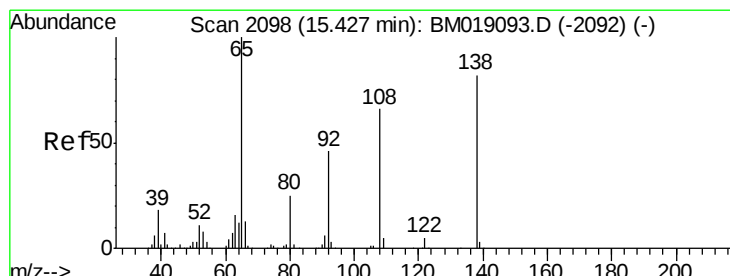
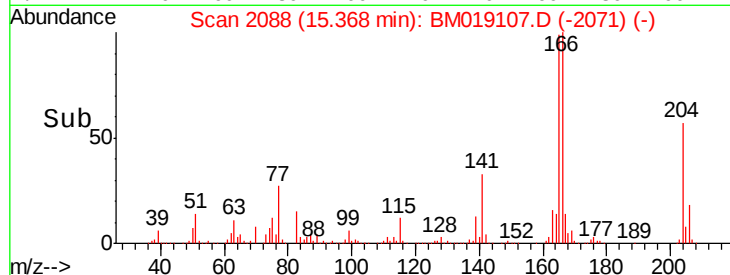
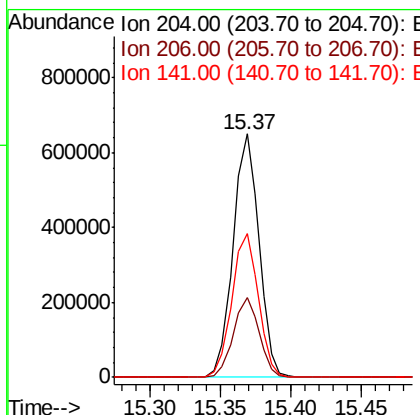
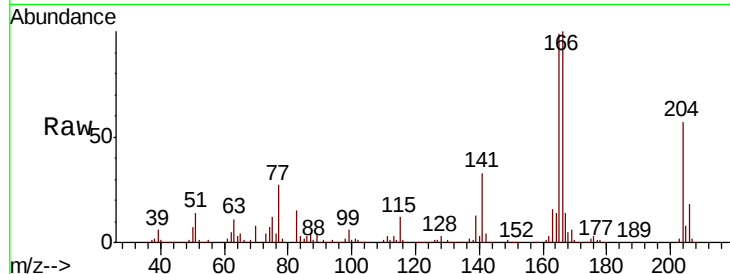
#61
 4-Chlorophenyl-phenylether
 Concen: 39.444 ng
 RT: 15.37 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.5	38.3
141	59.0	47.8	71.8

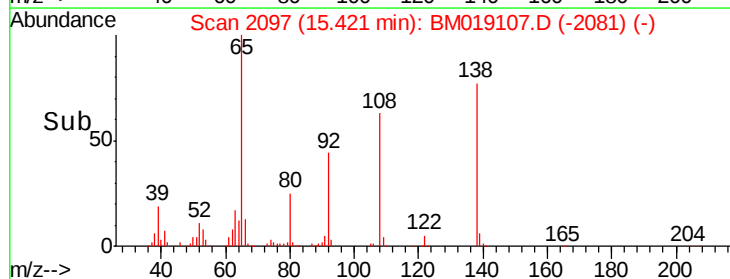
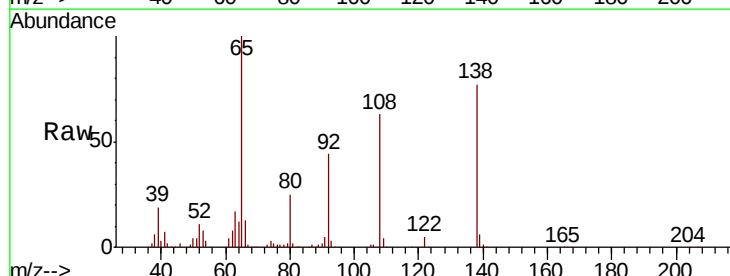
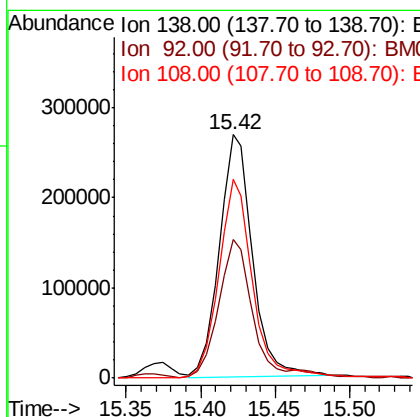
Manual Integrations
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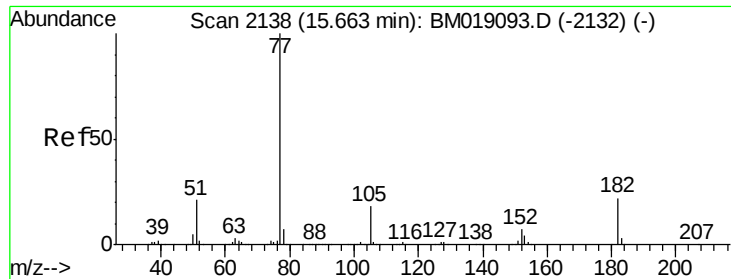
Sohil
 3/13/2019 10:44:54 AM



#62
 4-Nitroaniline
 Concen: 41.037 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	36.2	76.2
108	81.5	59.7	99.7





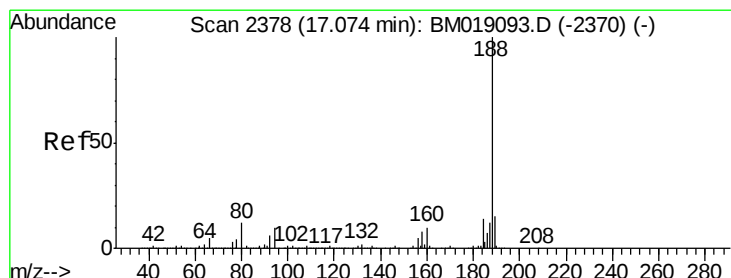
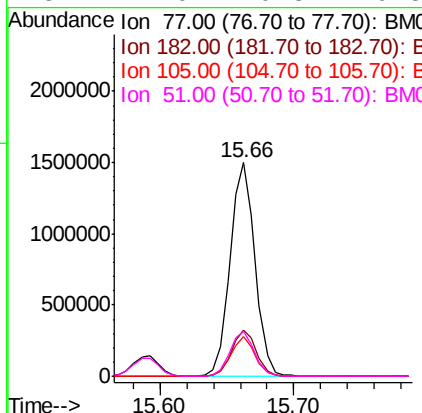
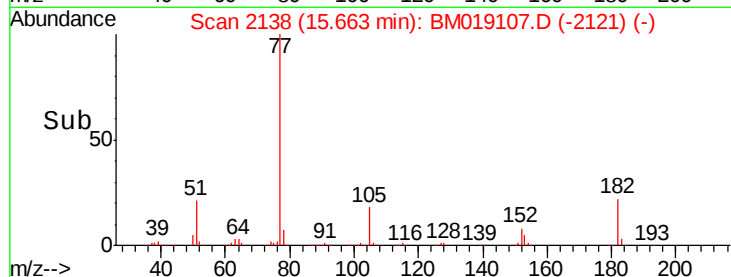
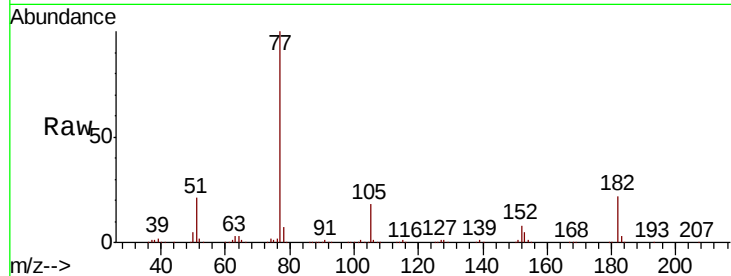
#63
Azobenzene
Concen: 41.380 ng
RT: 15.66 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.6	1.8	41.8
105	18.3	0.0	38.3
51	21.0	0.8	40.8

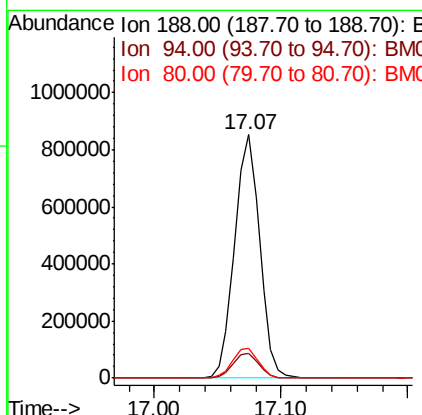
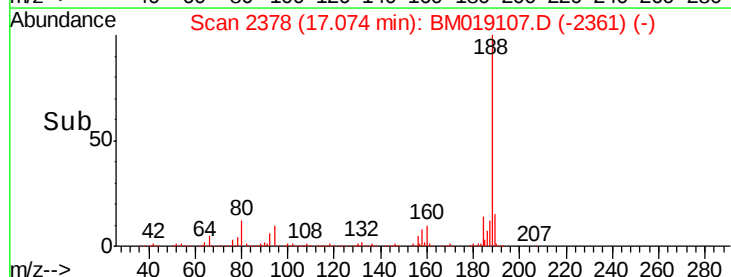
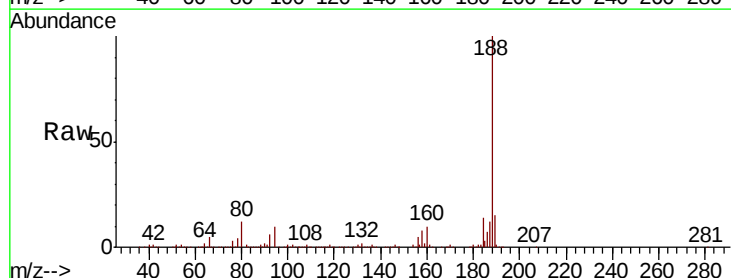
Manual Integrations
APPROVED

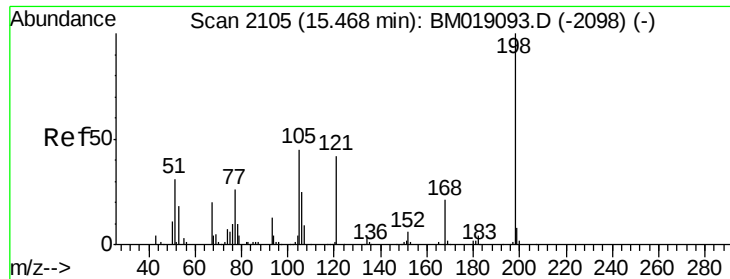
Sohil
3/13/2019 10:44:54 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	12.4	9.7	14.5





#65

4,6-Dinitro-2-methylphenol

Concen: 39.596 ng

RT: 15.47 min Scan# 2105

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 303049

Ion Ratio Lower Upper

198 100

51 36.6 17.3 57.3

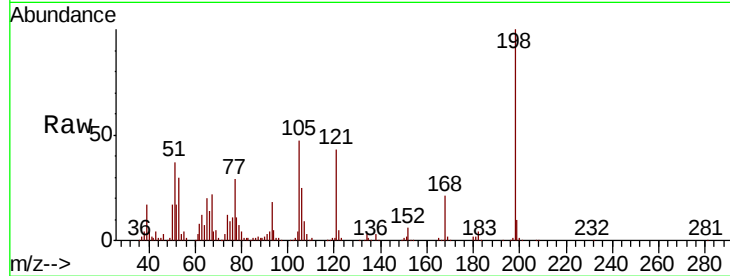
105 47.2 26.2 66.2

Manual Integrations

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Sohil

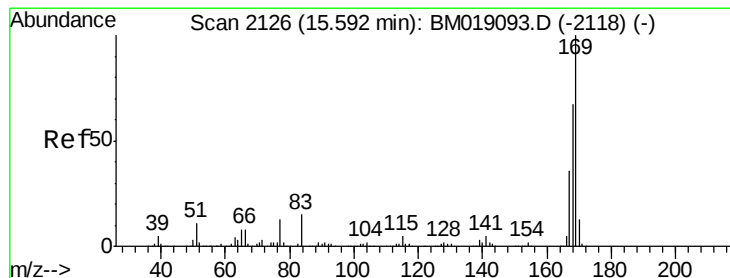
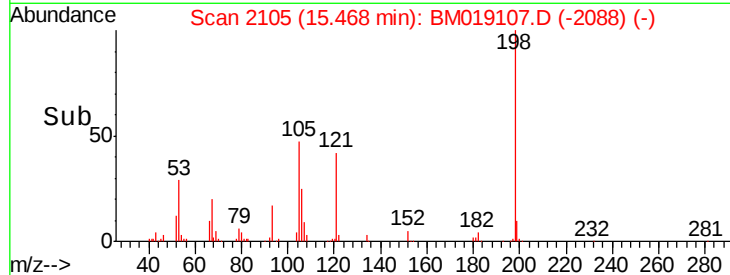
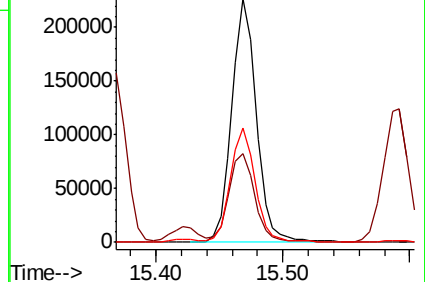
3/13/2019 10:44:54 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.780 ng

RT: 15.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

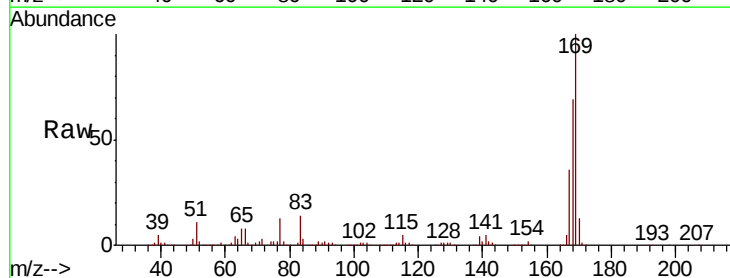
Tgt Ion:169 Resp: 1479188

Ion Ratio Lower Upper

169 100

168 68.6 53.9 80.9

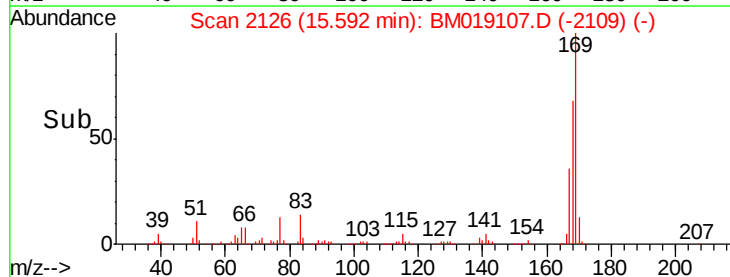
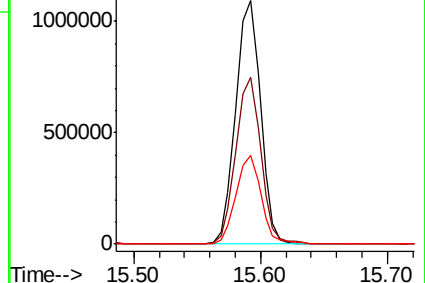
167 36.4 28.8 43.2

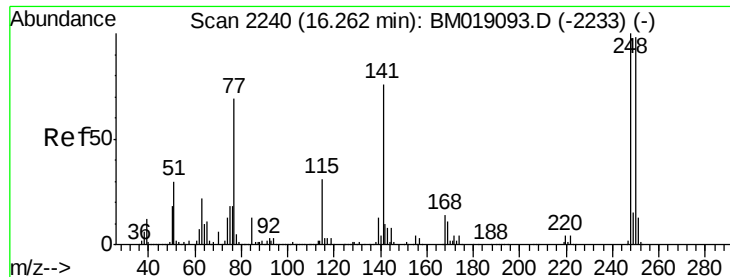


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





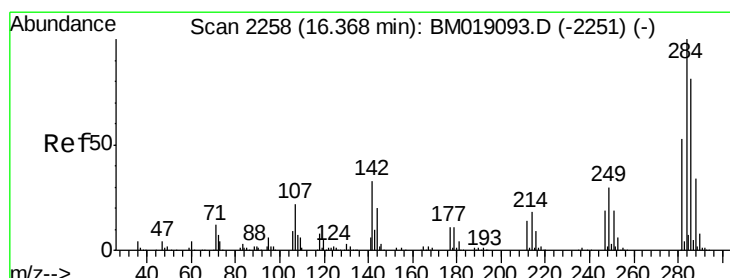
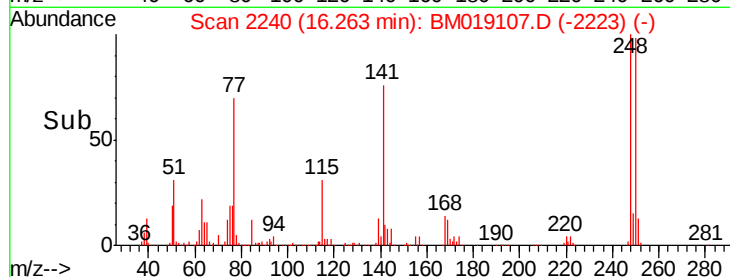
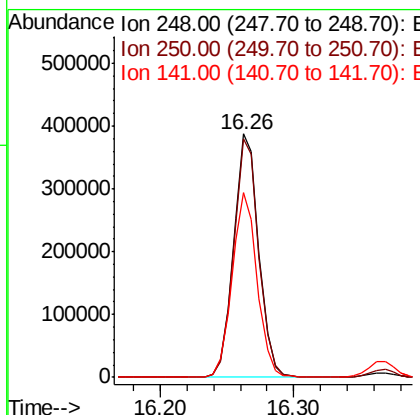
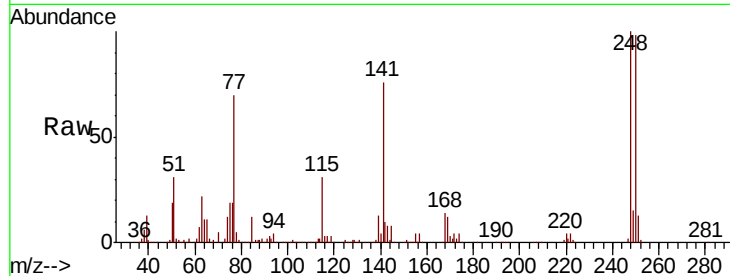
#67
4-Bromophenyl-phenylether
Concen: 39.386 ng
RT: 16.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.0	117.0
141	75.7	61.0	91.4

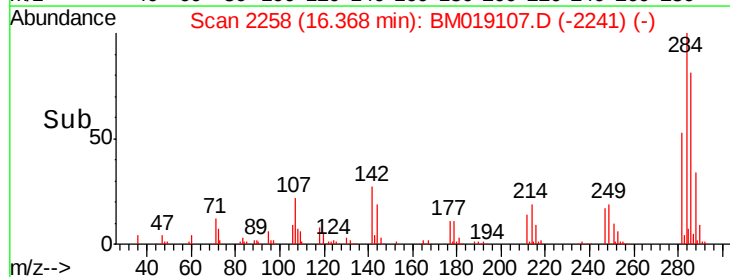
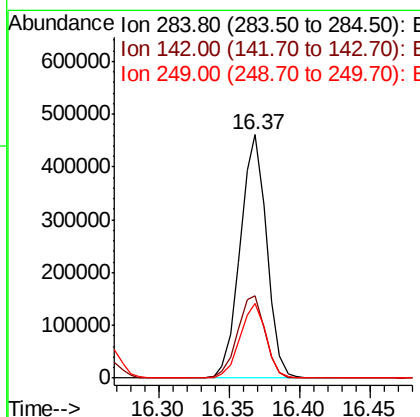
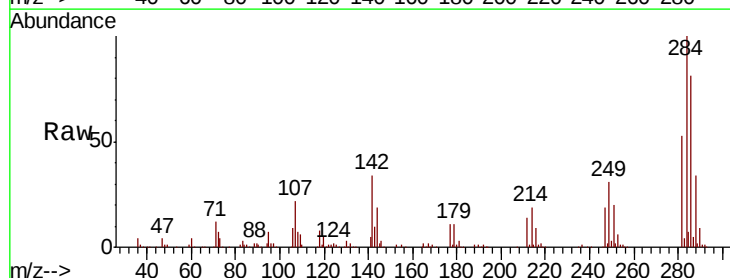
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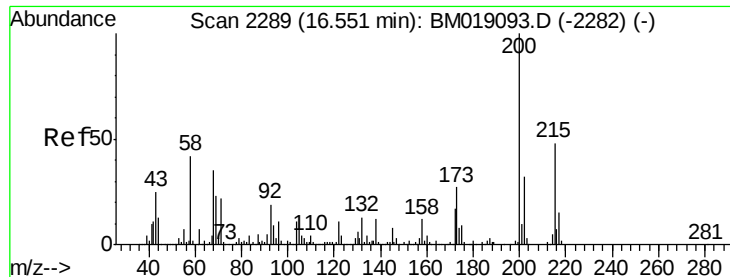
Sohil
3/13/2019 10:44:54 AM



#68
Hexachlorobenzene
Concen: 39.464 ng
RT: 16.37 min Scan# 2258
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	26.3	39.5
249	30.7	24.1	36.1





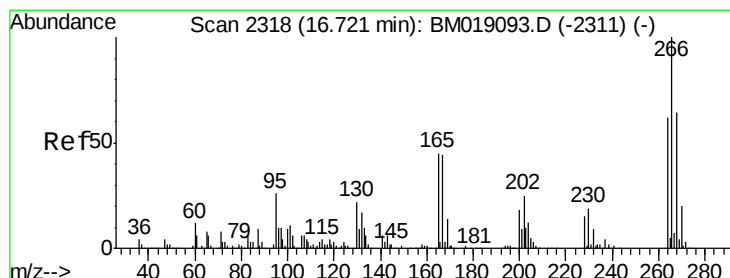
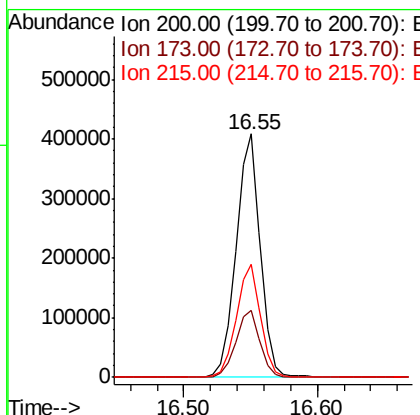
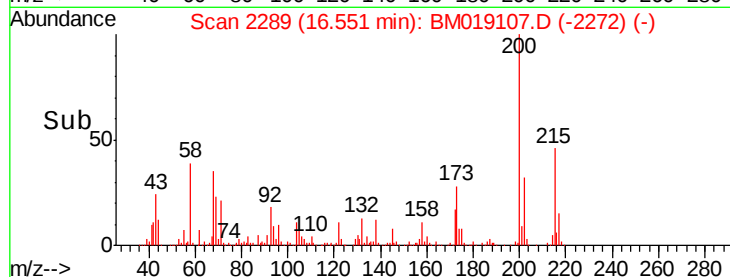
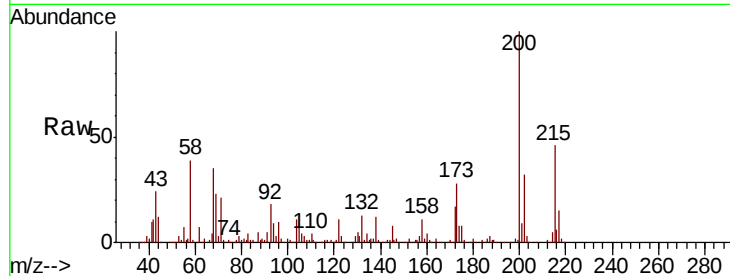
#69
Atrazine
Concen: 40.835 ng
RT: 16.55 min Scan# 2289
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	511137		
173	27.6	7.0	47.0	
215	46.5	27.7	67.7	

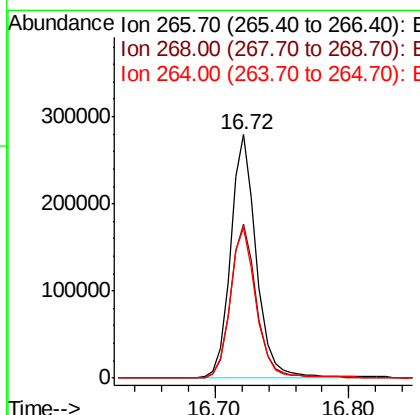
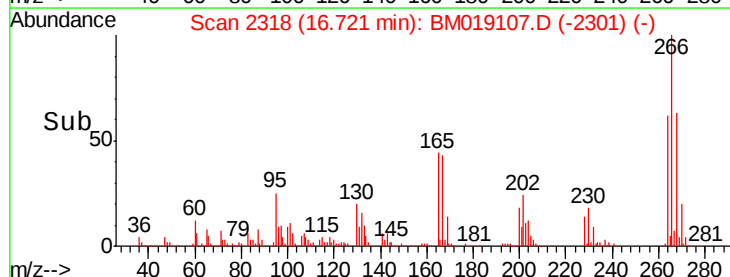
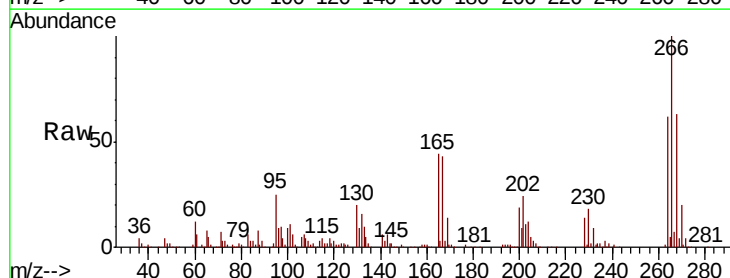
Manual Integrations
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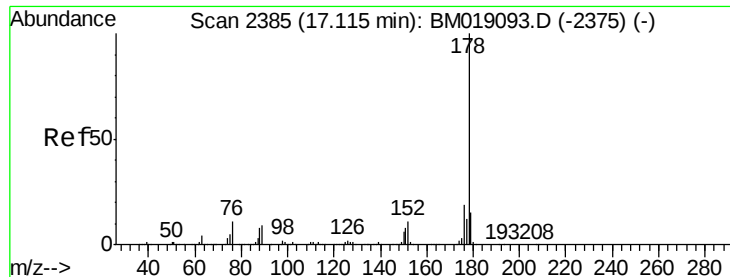
Sohil
3/13/2019 10:44:54 AM



#70
Pentachlorophenol
Concen: 40.653 ng
RT: 16.72 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	375046		
268	63.4	51.3	76.9	
264	61.7	50.0	75.0	





#71

Phenanthrene

Concen: 39.487 ng

RT: 17.12 min Scan# 2385

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 2703222

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

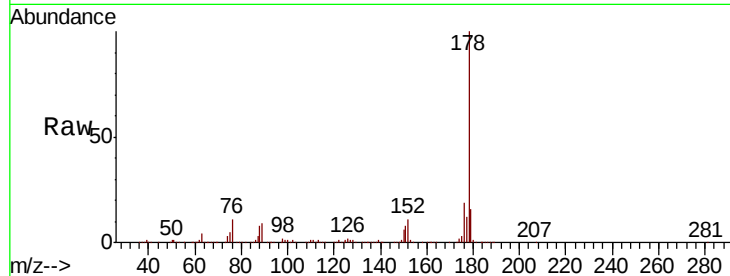
179 15.6 12.2 18.2

Manual Integrations

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Sohil

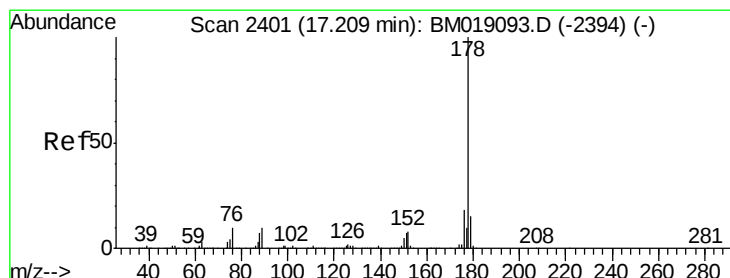
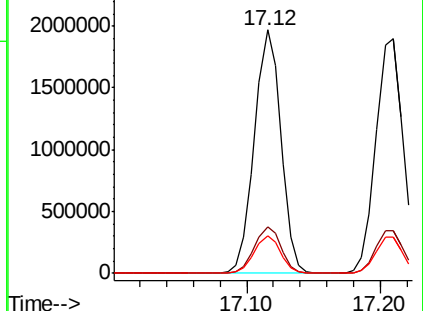
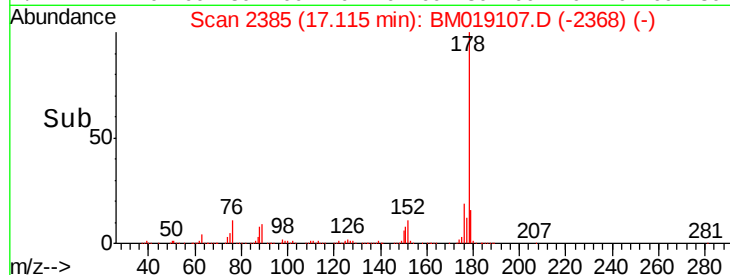
3/13/2019 10:44:54 AM



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: 39.929 ng

RT: 17.21 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

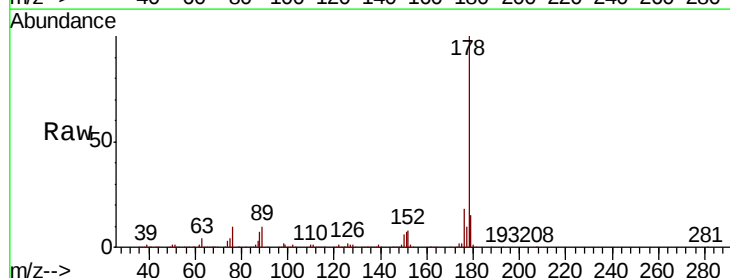
Tgt Ion:178 Resp: 2675966

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

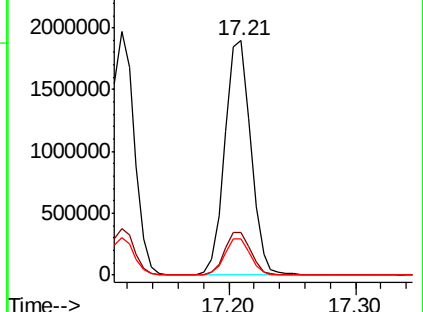
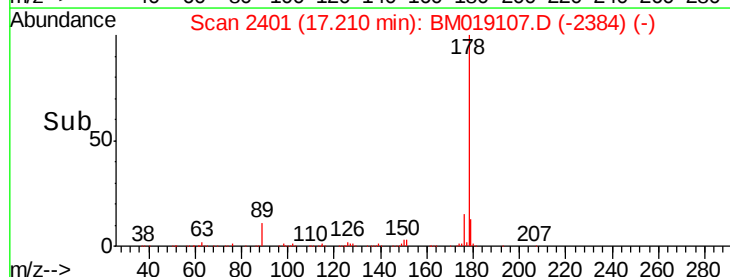
179 15.3 11.9 17.9

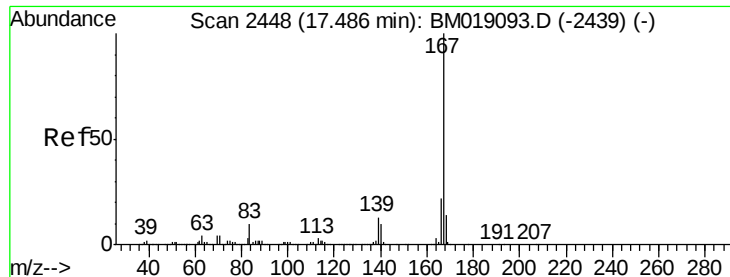


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





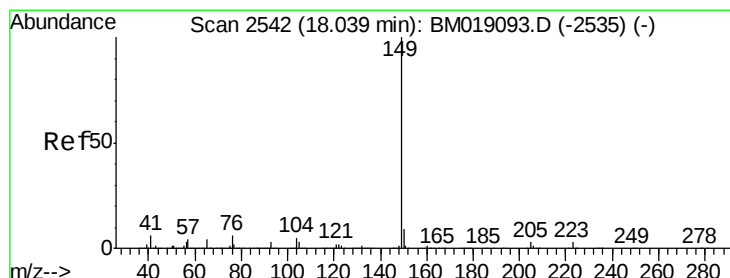
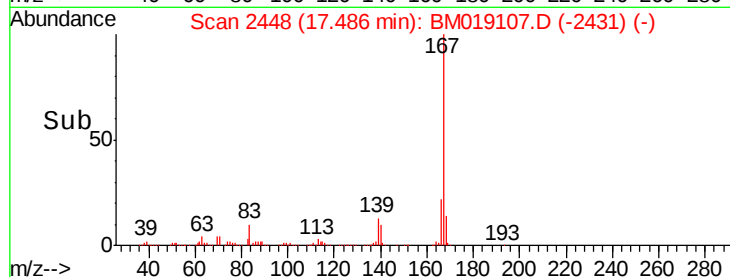
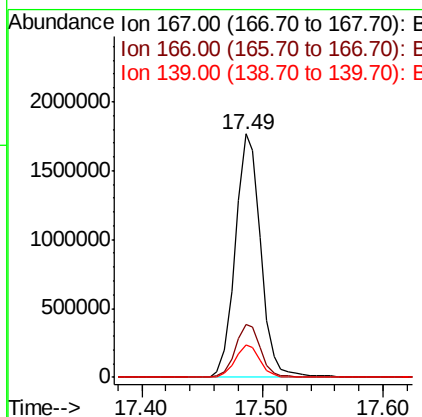
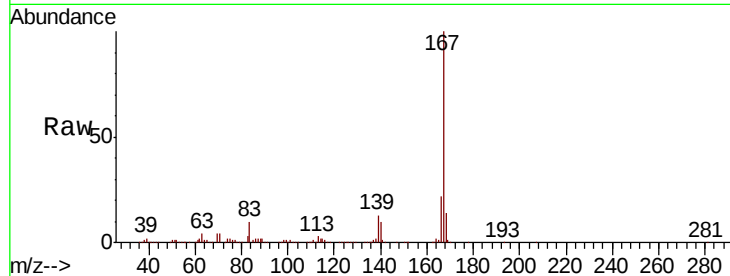
#73
 Carbazole
 Concen: 40.954 ng
 RT: 17.49 min Scan# 2448
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.8
139	13.3	10.5	15.7

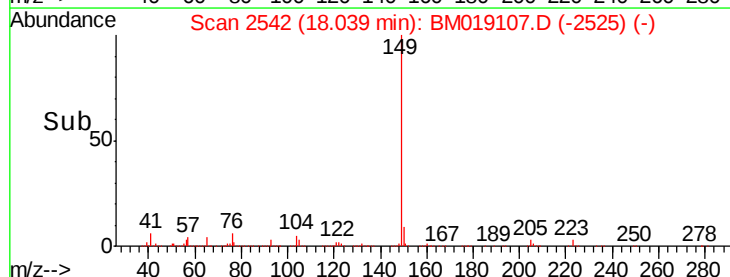
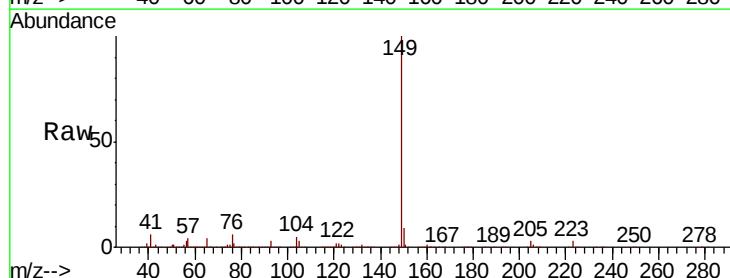
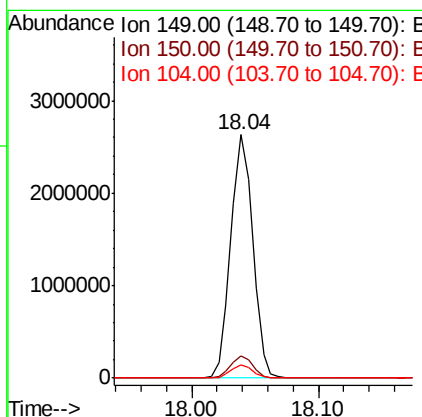
Manual Integrations
 APPROVED

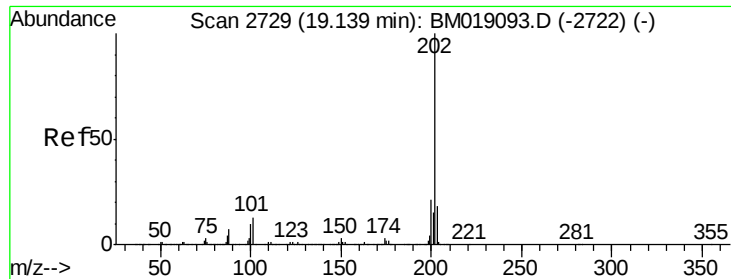
Sohil
 3/13/2019 10:44:54 AM



#74
 Di-n-butylphthalate
 Concen: 41.299 ng
 RT: 18.04 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.4	4.2	6.4





#75

Fluoranthene

Concen: 40.472 ng

RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 3179260

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.0

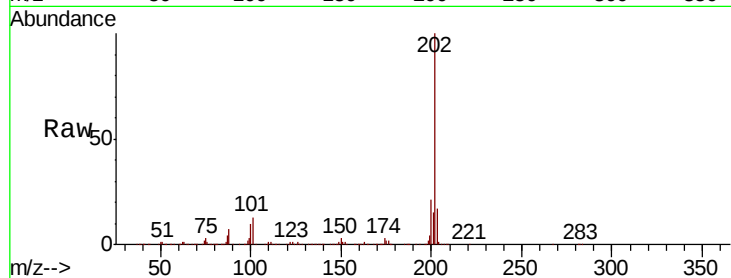
203 17.4 0.0 37.8

Manual Integrations

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Sohil

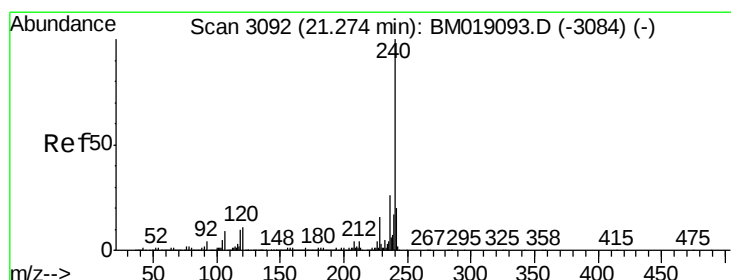
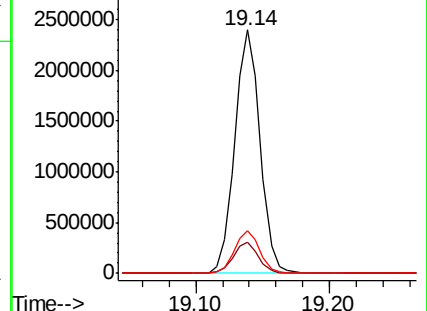
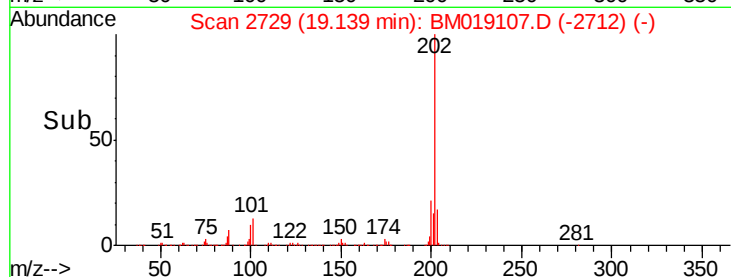
3/13/2019 10:44:54 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

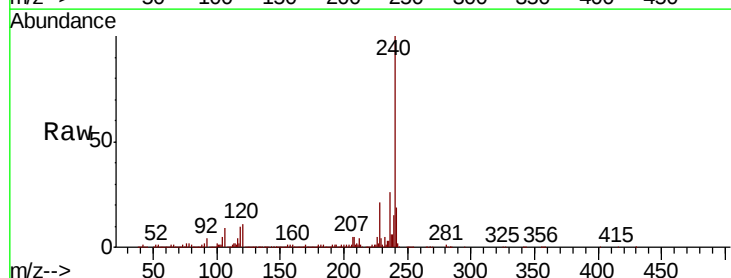
Tgt Ion:240 Resp: 1361441

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

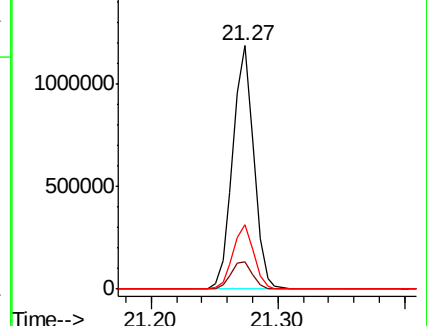
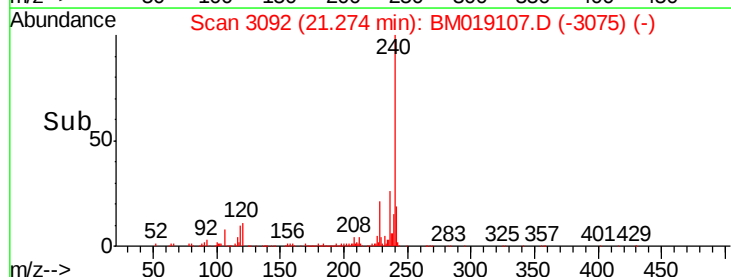
236 26.3 21.0 31.4

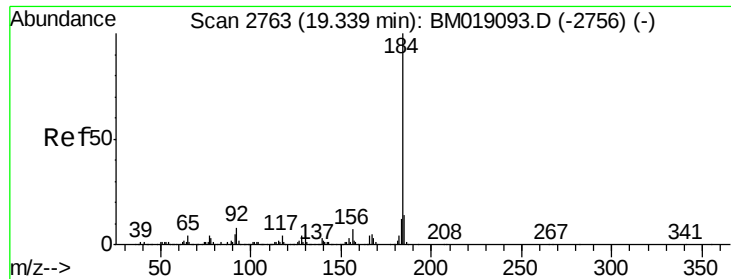


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.144 ng

RT: 19.34 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1974755

Ion Ratio Lower Upper

184 100

185 13.9 11.0 16.4

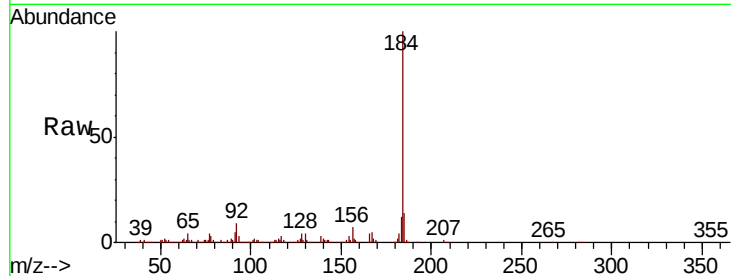
183 12.2 9.8 14.6

Manual Integrations

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Sohil

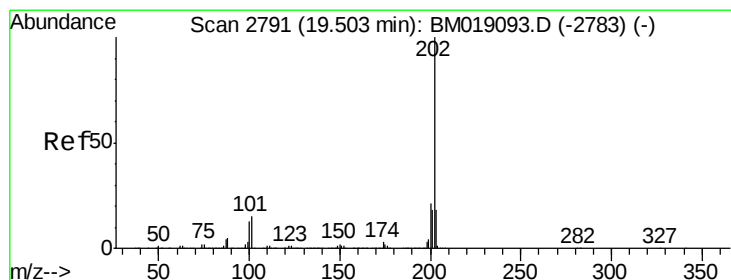
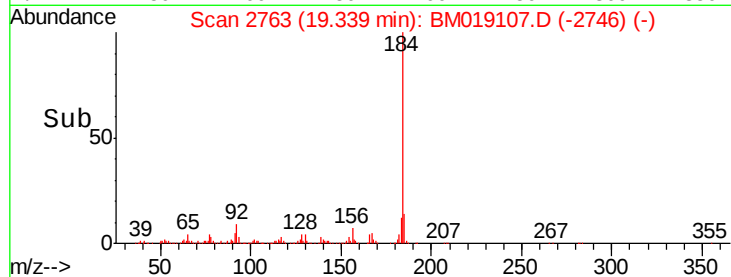
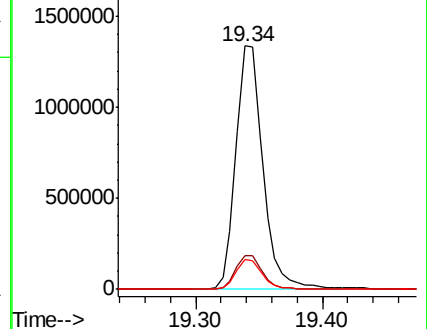
3/13/2019 10:44:54 AM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.152 ng

RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

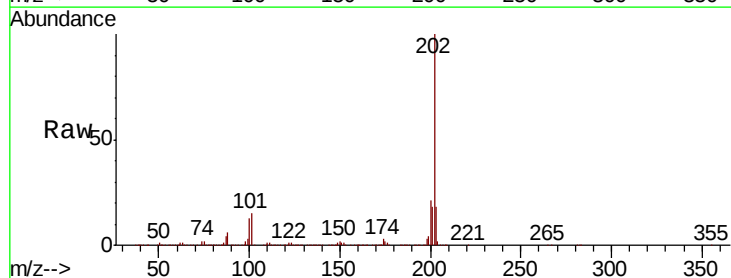
Tgt Ion:202 Resp: 3286387

Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

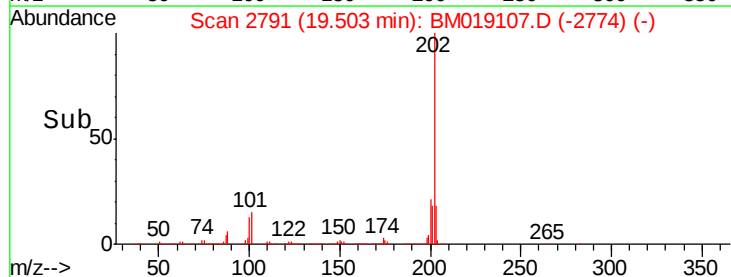
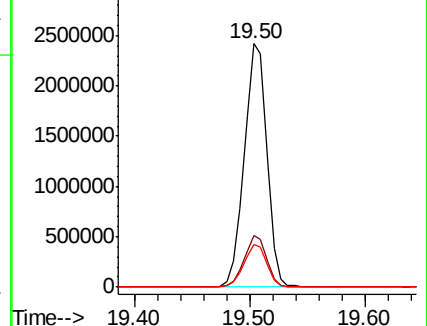
203 17.6 14.0 21.0

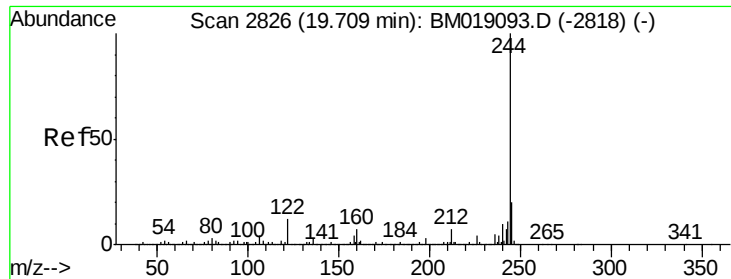


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





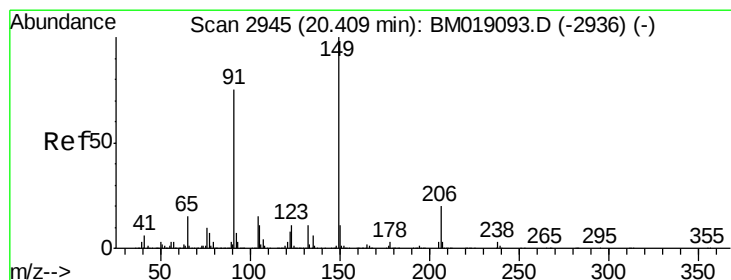
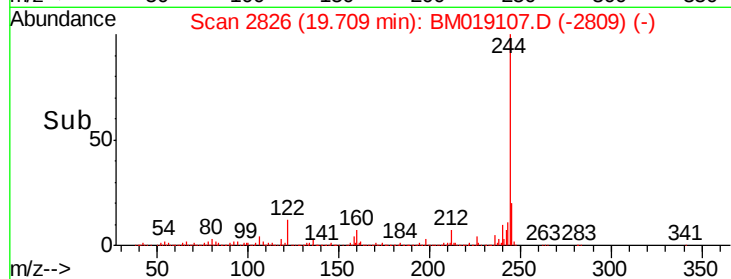
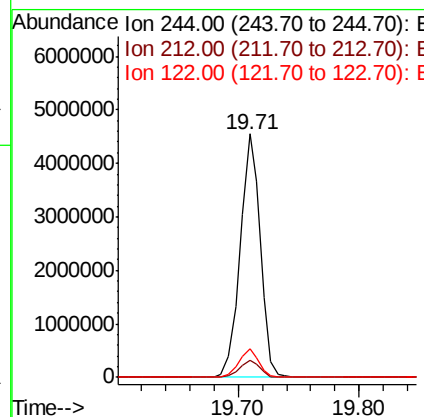
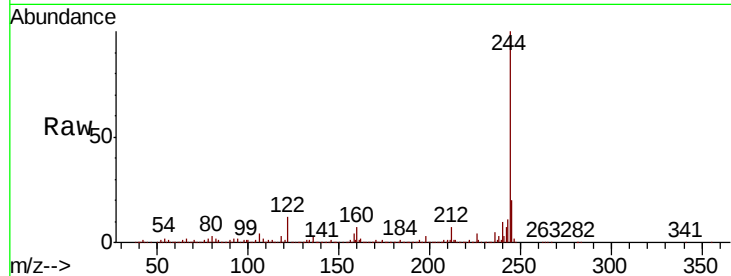
#79
 Terphenyl-d14
 Concen: 77.160 ng
 RT: 19.71 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.8	9.4	14.2

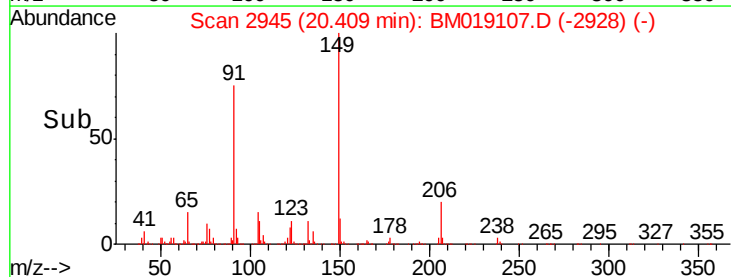
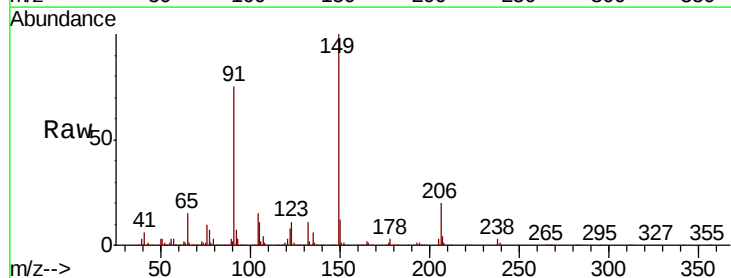
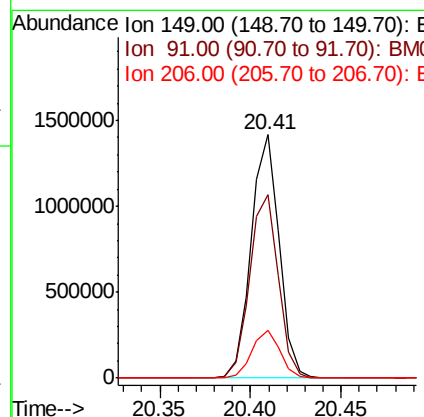
Manual Integrations
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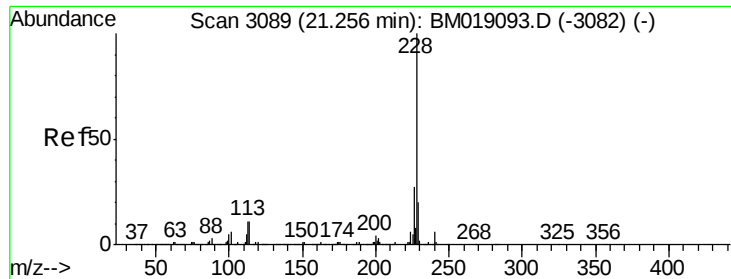
Sohil
 3/13/2019 10:44:54 AM



#80
 Butylbenzylphthalate
 Concen: 40.477 ng
 RT: 20.41 min Scan# 2945
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.1	60.1	90.1
206	19.7	16.2	24.2





#81

Benzo(a)anthracene

Concen: 39.393 ng

RT: 21.26 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 3364592

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

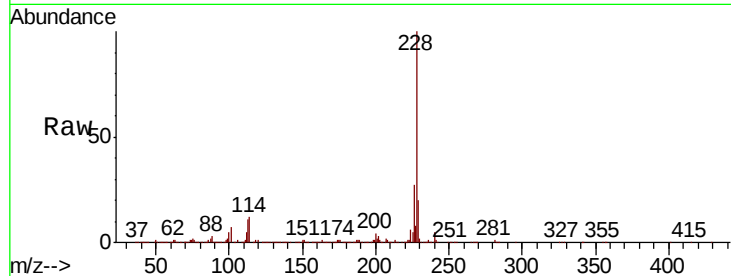
229 19.8 15.8 23.6

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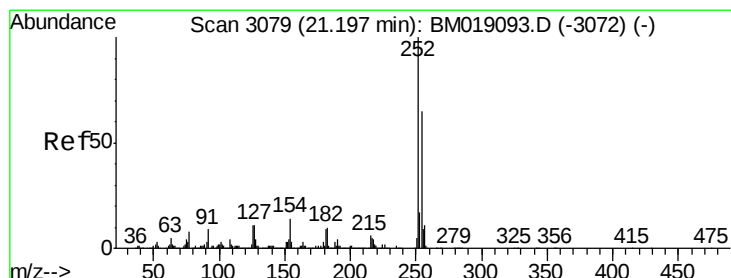
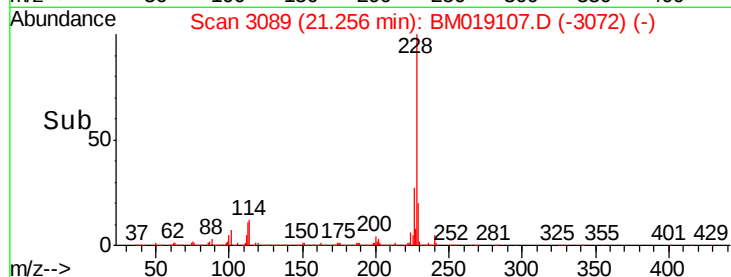
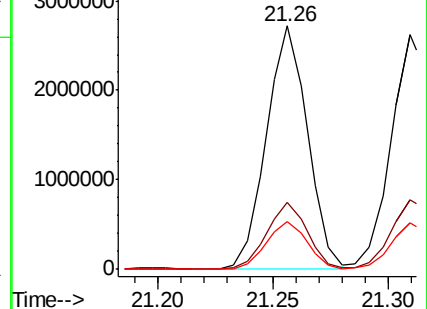
3/13/2019 10:44:54 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.885 ng

RT: 21.20 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

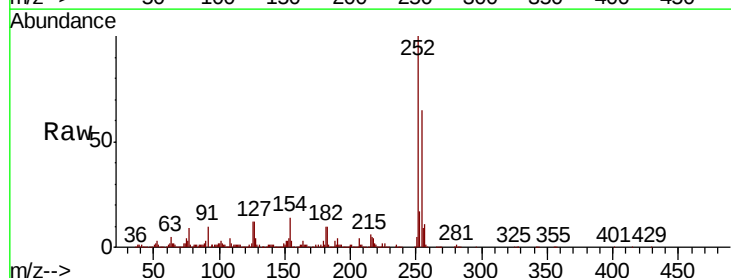
Tgt Ion:252 Resp: 1378155

Ion Ratio Lower Upper

252 100

254 64.5 52.4 78.6

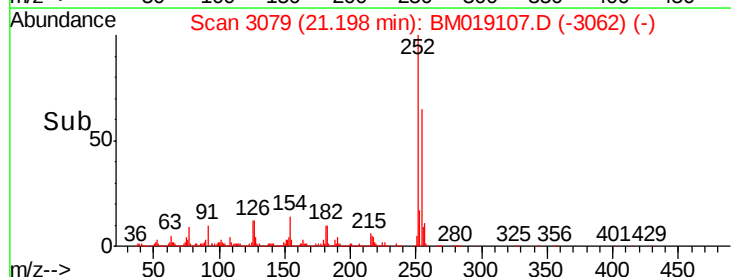
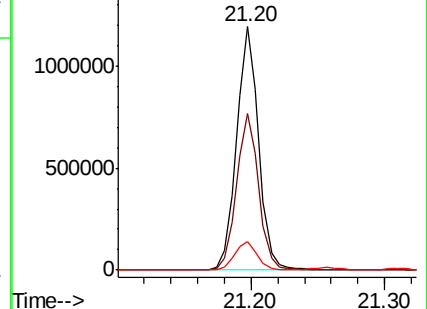
126 11.5 9.0 13.6

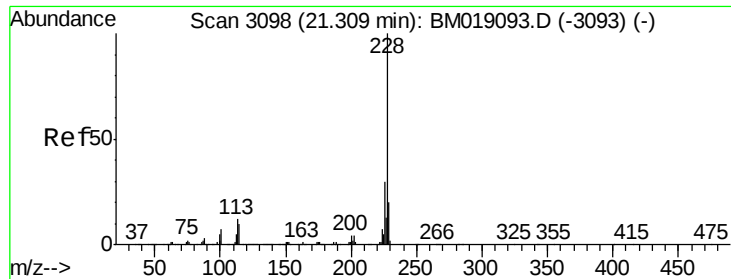


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





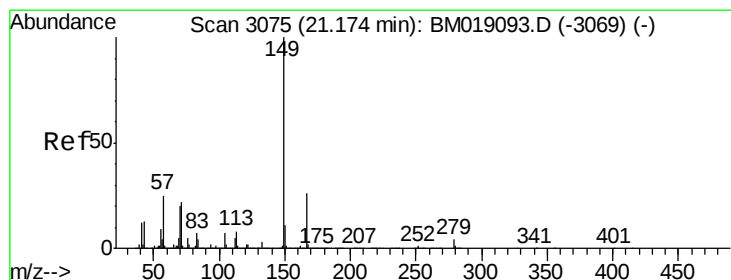
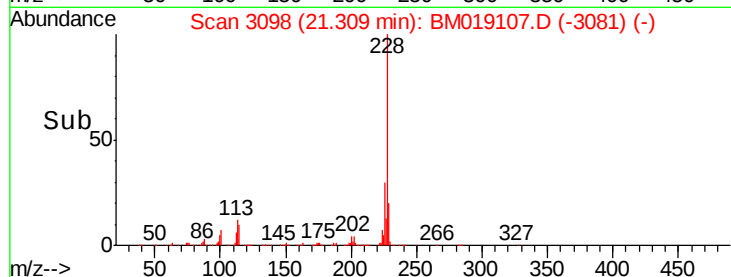
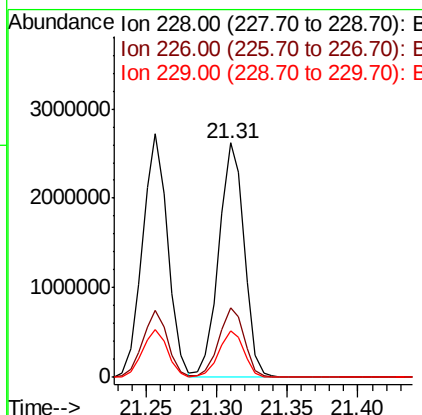
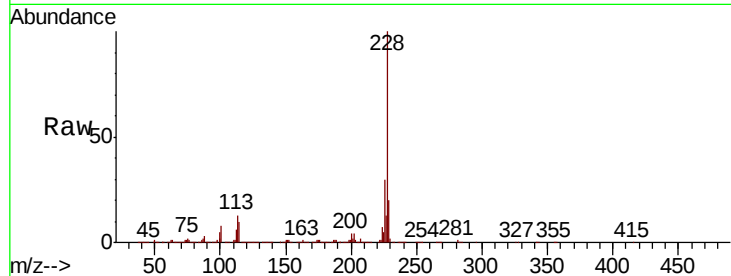
#83
 Chrvsene
 Concen: 39.543 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	19.6	15.7	23.5

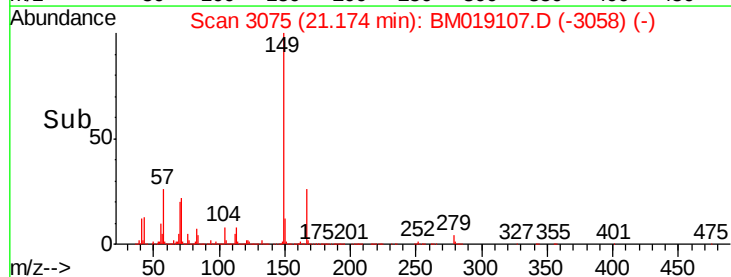
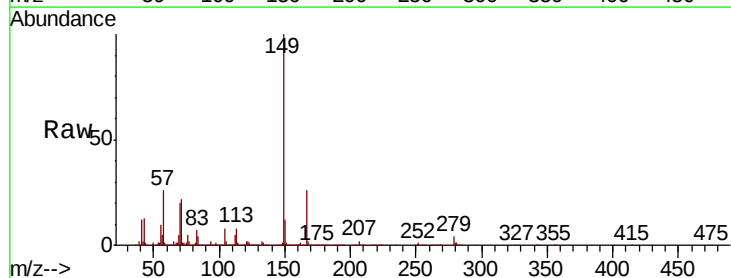
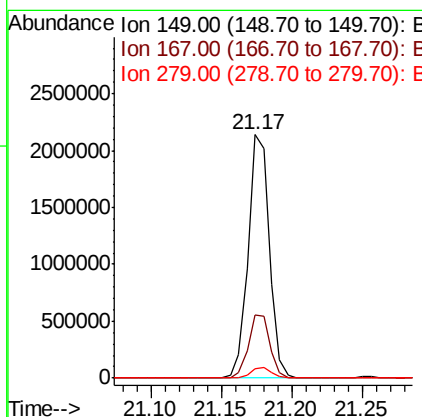
Manual Integrations
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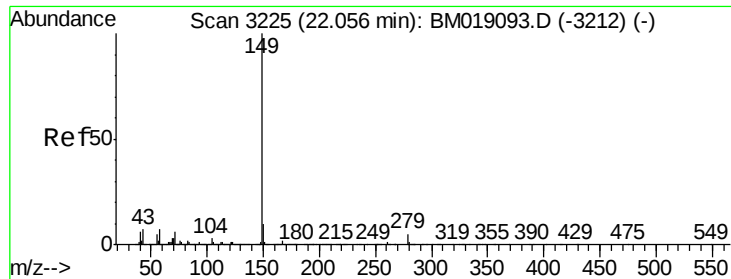
Sohil
 3/13/2019 10:44:54 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.283 ng
 RT: 21.17 min Scan# 3075
 Delta R.T. 0.00 min
 Lab File: BM019107.D
 Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.1	31.7
279	3.8	3.2	4.8





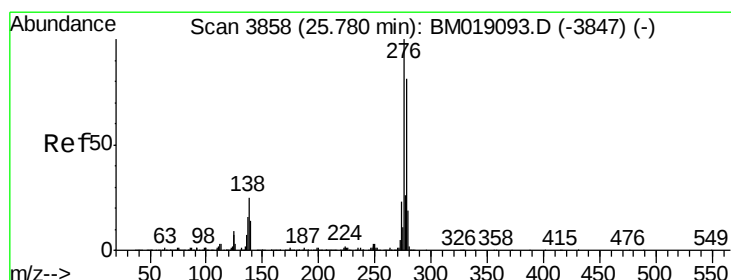
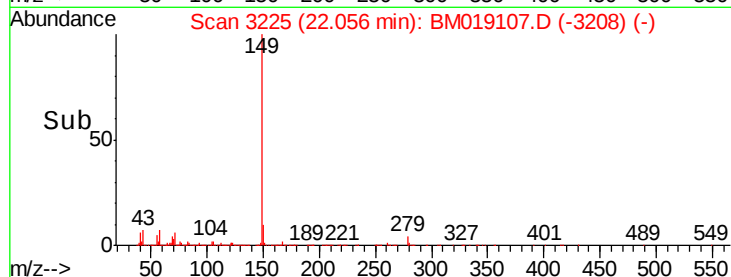
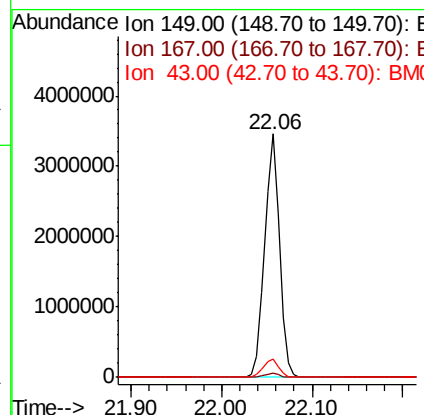
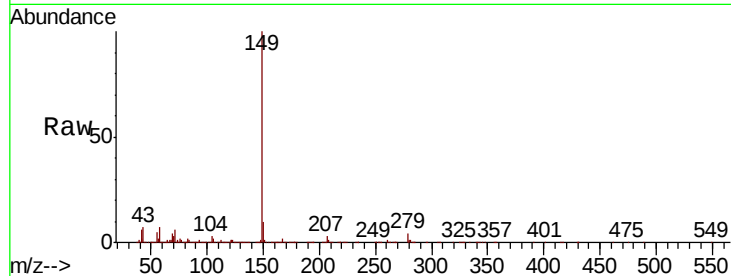
#85
Di-n-octyl phthalate
Concen: 42.674 ng
RT: 22.06 min Scan# 3225
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.1	9.1

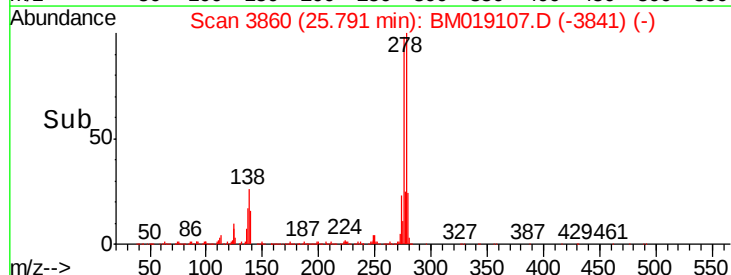
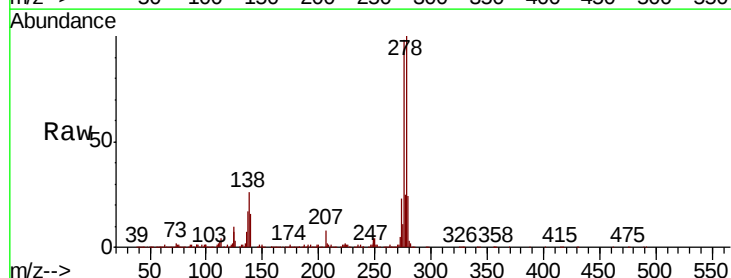
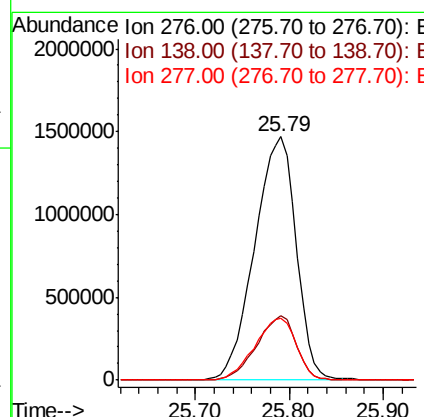
Manual Integrations
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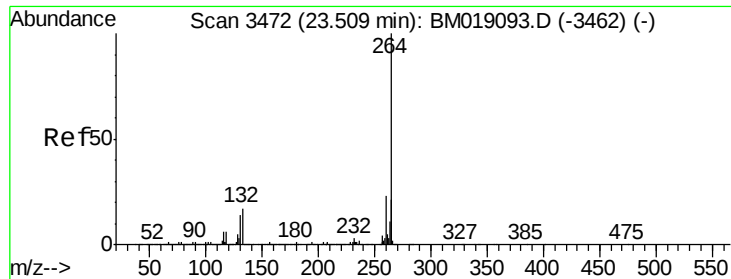
Sohil
3/13/2019 10:44:54 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 50.457 ng
RT: 25.79 min Scan# 3860
Delta R.T. 0.01 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	19.8	29.8
277	25.5	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3472

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 1480515

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

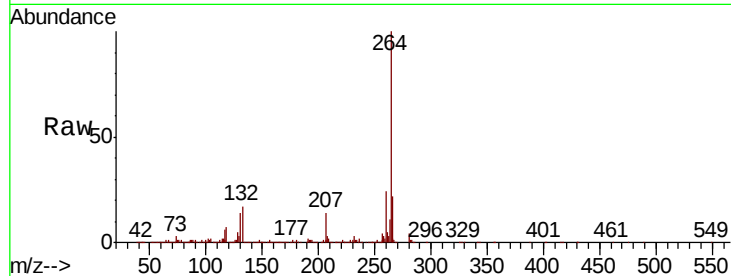
265 21.9 17.3 25.9

Manual Integrations

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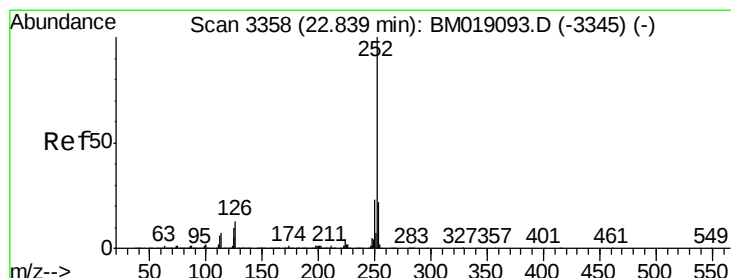
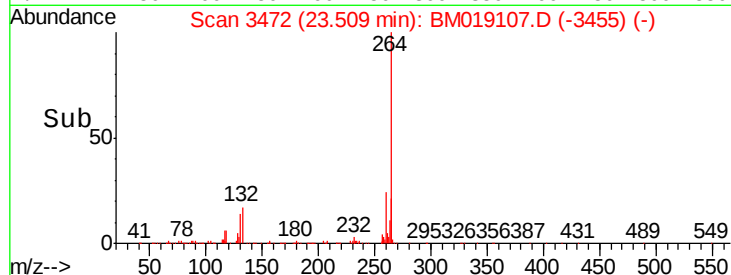
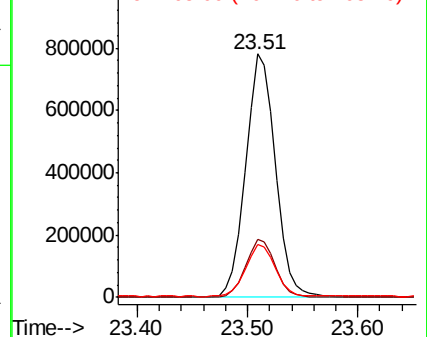


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.148 ng

RT: 22.84 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

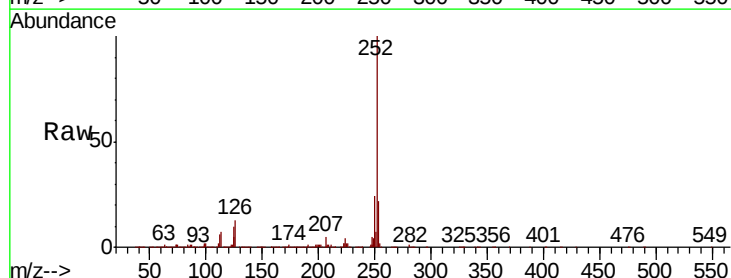
Tgt Ion:252 Resp: 3755598

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.2 8.1 12.1

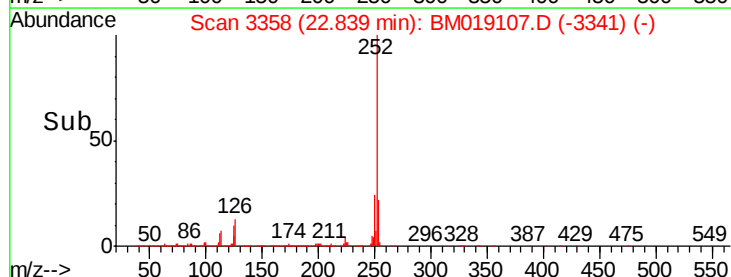
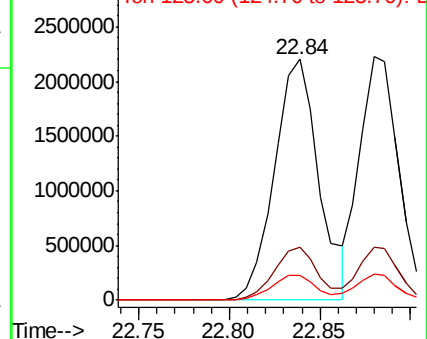


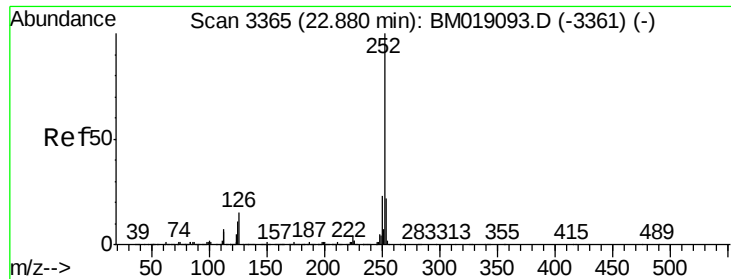
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





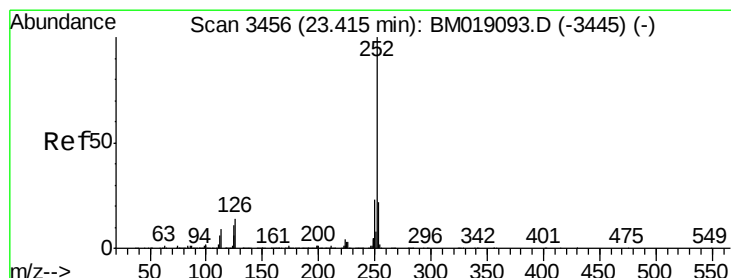
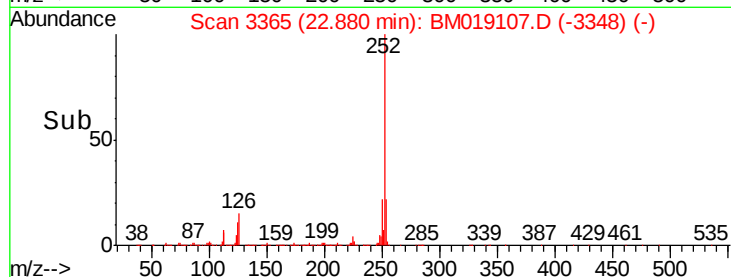
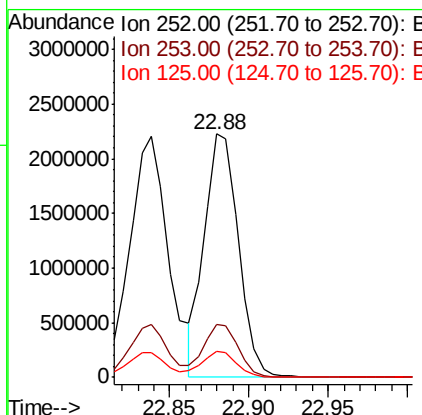
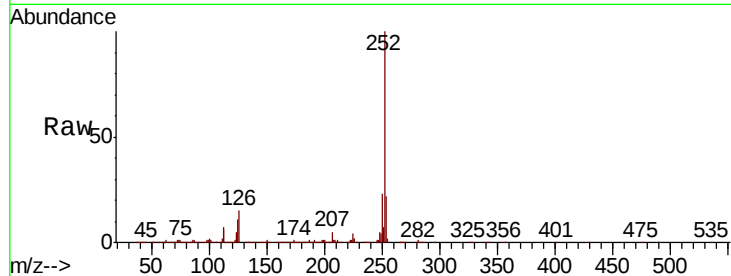
#89
Benzo(k)fluoranthene
Concen: 37.689 ng
RT: 22.88 min Scan# 3365
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.9	8.8	13.2

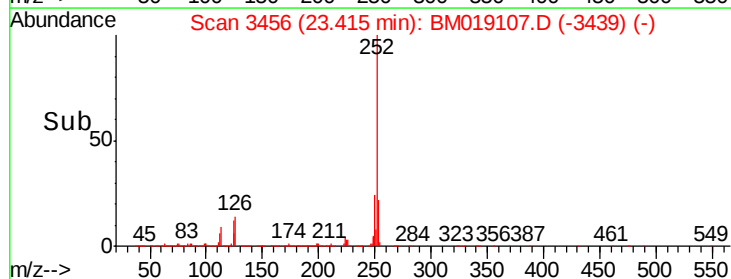
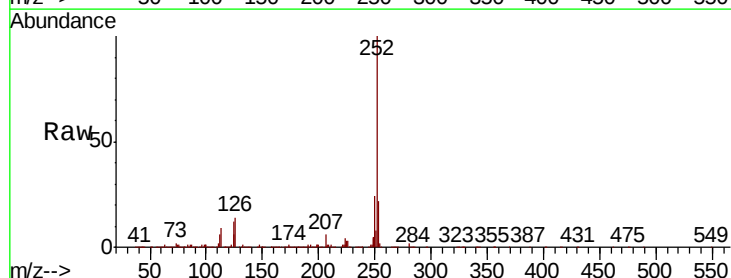
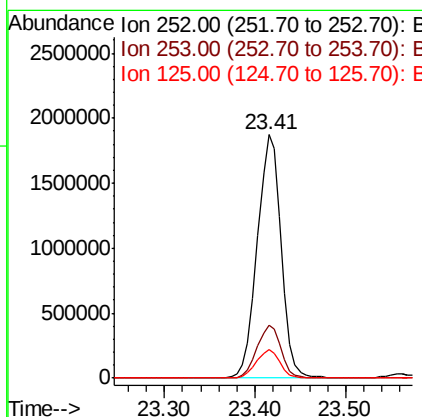
Manual Integrations
APPROVED

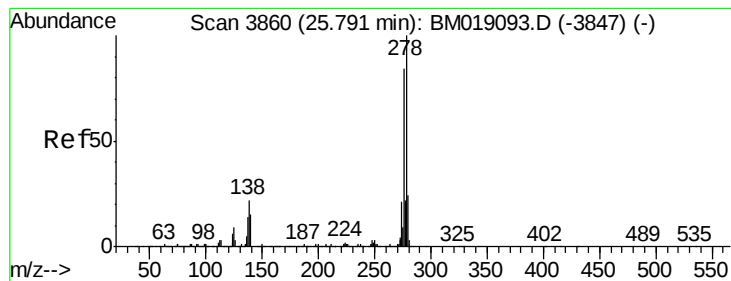
Sohil
3/13/2019 10:44:54 AM



#90
Benzo(a)pyrene
Concen: 39.837 ng
RT: 23.41 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM019107.D
Acq: 12 Mar 2019 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.2
125	11.9	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 45.776 ng

RT: 25.80 min Scan# 3861

Delta R.T. 0.01 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 3775198

Ion Ratio Lower Upper

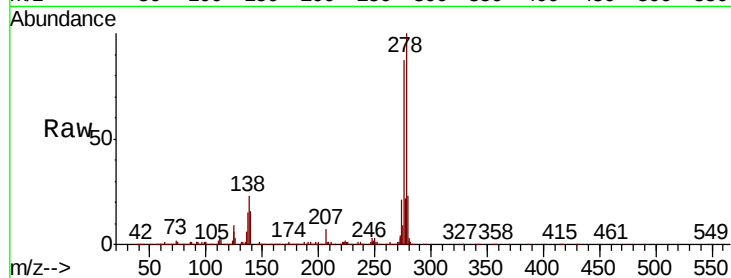
278 100

139 16.2 12.3 18.5

279 23.5 18.9 28.3

Manual Integrations
APPROVED

Sohil
3/13/2019 10:44:54 AM

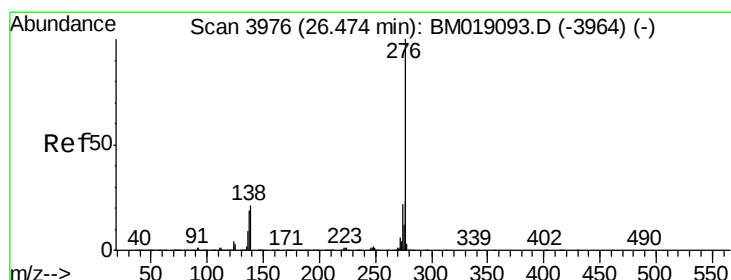
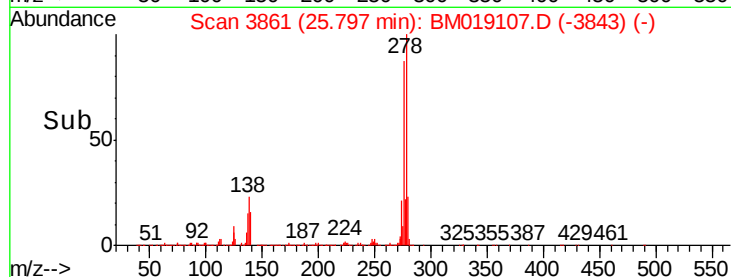
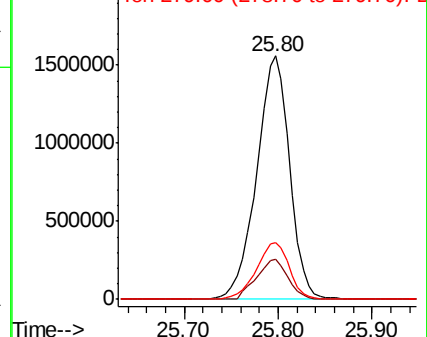


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.812 ng

RT: 26.49 min Scan# 3978

Delta R.T. 0.01 min

Lab File: BM019107.D

Acq: 12 Mar 2019 12:13

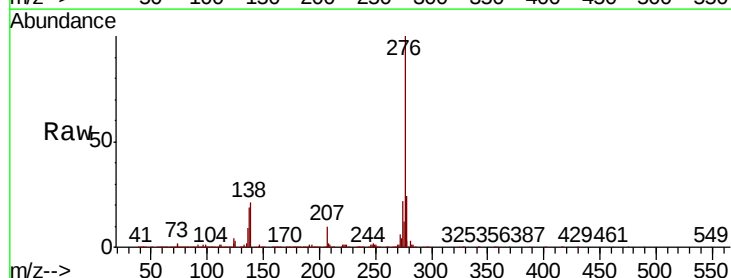
Tgt Ion:276 Resp: 3544416

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 20.8 17.0 25.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

