

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021319\
 Data File : BM018803.D
 Acq On : 13 Feb 2019 14:50
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 2/14/2019 1:50:31 PM

Quant Time: Feb 14 00:57:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	315336	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1325195	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	783353	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1824482	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1997205	20.00	ng	0.00
87) Perylene-d12	23.57	264	1897383	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1556915	80.90	ng	0.00
7) Phenol-d6	6.89	99	2216553	81.75	ng	0.00
23) Nitrobenzene-d5	8.88	82	2333149	81.41	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	935141	82.82	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4637512	78.59	ng	0.00
79) Terphenyl-d14	19.74	244	8149594	84.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	328554	39.196	ng	99
3) Pyridine	3.65	79	982960	42.990	ng	99
4) n-Nitrosodimethylamine	3.58	42	243279	41.824	ng	95
6) Aniline	7.05	93	1353582	40.747	ng	99
8) 2-Chlorophenol	7.27	128	853104	40.374	ng	98
9) Benzaldehyde	6.87	77	622162	42.762	ng	99
10) Phenol	6.91	94	1169666	41.001	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	884292	40.636	ng	99
12) 1,3-Dichlorobenzene	7.59	146	945848	39.809	ng	98
13) 1,4-Dichlorobenzene	7.75	146	964034	39.855	ng	99
14) 1,2-Dichlorobenzene	8.06	146	930773	40.060	ng	100
15) Benzyl Alcohol	7.96	79	908304	42.162	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	853069	40.503	ng	99
17) 2-Methylphenol	8.16	107	740136	40.763	ng	97
18) Hexachloroethane	8.77	117	355270	40.235	ng	98
19) n-Nitroso-di-n-propylamine	8.52	70	859665	40.951	ng	100
20) 3+4-Methylphenols	8.49	107	1038772	41.431	ng	98
22) Acetophenone	8.54	105	1465316	40.264	ng	# 99
24) Nitrobenzene	8.92	77	1200351	40.349	ng	98
25) Isophorone	9.44	82	1868900	40.868	ng	99
26) 2-Nitrophenol	9.62	139	494309	41.724	ng	98
27) 2,4-Dimethylphenol	9.68	122	705684	40.783	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	1191739	40.300	ng	100
29) 2,4-Dichlorophenol	10.15	162	830508	41.800	ng	100
30) 1,2,4-Trichlorobenzene	10.36	180	907880	39.567	ng	98
31) Naphthalene	10.55	128	2575824	39.854	ng	99
32) Benzoic acid	9.84	122	524089	34.722	ng	98
33) 4-Chloroaniline	10.67	127	1195402	41.376	ng	99
34) Hexachlorobutadiene	10.82	225	515360	38.695	ng	100
35) Caprolactam	11.50	113	342572m	42.248	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1008712	42.109	ng	99
37) 2-Methylnaphthalene	12.17	142	1821075	40.020	ng	99
38) 1-Methylnaphthalene	12.39	142	1771280	39.807	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	969554	38.691	ng	99

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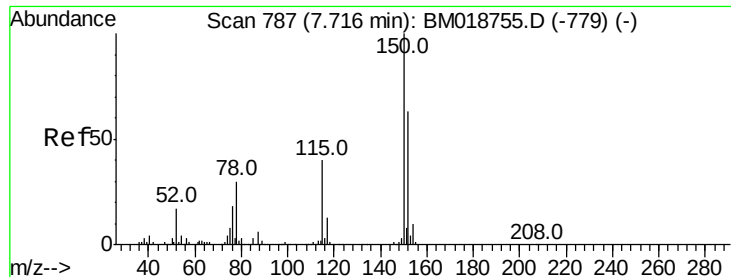
Manual Integrations
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 2/14/2019 1:50:31 PM

Quant Time: Feb 14 00:57:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	461143	35.994	nq	99
43) 2,4,6-Trichlorophenol	12.79	196	677985	40.870	nq	99
44) 2,4,5-Trichlorophenol	12.86	196	716743	41.222	nq	98
46) 1,1'-Biphenyl	13.19	154	2654056	39.360	nq	99
47) 2-Chloronaphthalene	13.23	162	2069196	39.730	nq	99
48) 2-Nitroaniline	13.46	65	748670	43.282	nq	99
49) Acenaphthylene	14.09	152	3156171	40.699	nq	99
50) Dimethylphthalate	13.83	163	2615665	40.066	nq	99
51) 2,6-Dinitrotoluene	13.96	165	586517	41.473	nq	99
52) Acenaphthene	14.43	154	1888173	39.708	nq	99
53) 3-Nitroaniline	14.29	138	652373	40.827	nq	99
54) 2,4-Dinitrophenol	14.49	184	211815	27.666	nq	97
55) Dibenzofuran	14.76	168	3132649	40.081	nq	99
56) 4-Nitrophenol	14.60	139	491751	38.551	nq	99
57) 2,4-Dinitrotoluene	14.74	165	833250	42.764	nq	99
58) Fluorene	15.42	166	2404479	40.213	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	623482	40.568	nq	99
60) Diethylphthalate	15.19	149	2722235	40.423	nq	100
61) 4-Chlorophenyl-phenylether	15.41	204	1336450	39.864	nq	98
62) 4-Nitroaniline	15.46	138	645804	41.225	nq	99
63) Azobenzene	15.70	77	3007314	41.649	nq	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	428550	33.455	nq	99
66) n-Nitrosodiphenylamine	15.63	169	2298866	39.881	nq	99
67) 4-Bromophenyl-phenylether	16.30	248	801554	39.250	nq	98
68) Hexachlorobenzene	16.41	284	920271	38.769	nq	98
69) Atrazine	16.59	200	733620	39.477	nq	99
70) Pentachlorophenol	16.76	266	617730	40.417	nq	99
71) Phenanthrene	17.16	178	3880572	39.577	nq	100
72) Anthracene	17.24	178	3838935	40.226	nq	99
73) Carbazole	17.53	167	4031859	40.437	nq	99
74) Di-n-butylphthalate	18.08	149	4711216	41.085	nq	100
75) Fluoranthene	19.17	202	4537959	40.067	nq	98
77) Benzidine	19.37	184	1886597	41.943	nq	100
78) Pyrene	19.54	202	4785379	41.255	nq	100
80) Butylbenzylphthalate	20.44	149	2274600	43.028	nq	99
81) Benzo(a)anthracene	21.29	228	4685040	40.242	nq	100
82) 3,3'-Dichlorobenzidine	21.23	252	1846163	40.124	nq	99
83) Chrysene	21.34	228	4434965	39.744	nq	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	3309166	42.770	nq	99
85) Di-n-octyl phthalate	22.10	149	5505126	42.334	nq	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	4438559	34.452	nq	100
88) Benzo(b)fluoranthene	22.89	252	4566529	42.066	nq	100
89) Benzo(k)fluoranthene	22.93	252	4395064	40.667	nq	99
90) Benzo(a)pyrene	23.47	252	4161660	40.468	nq	99
91) Dibenzo(a,h)anthracene	25.87	278	3812231	37.417	nq	100
92) Benzo(g,h,i)perylene	26.56	276	3435811	36.222	nq	99

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



#1

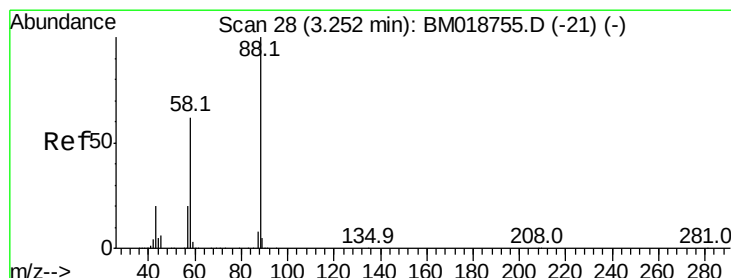
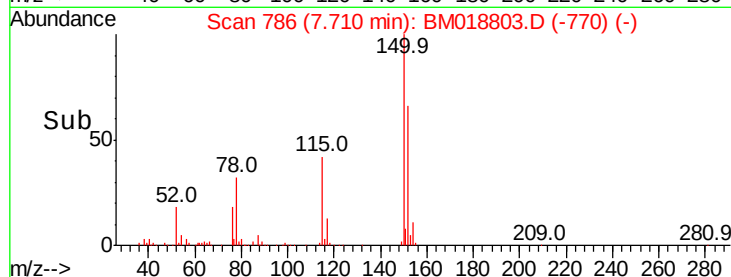
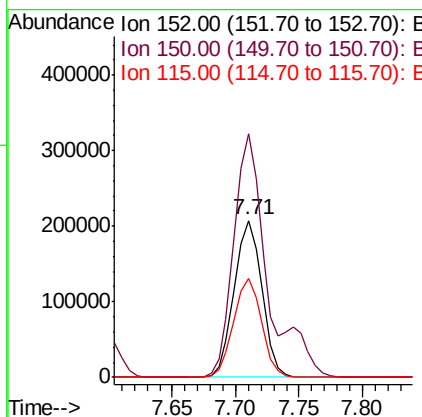
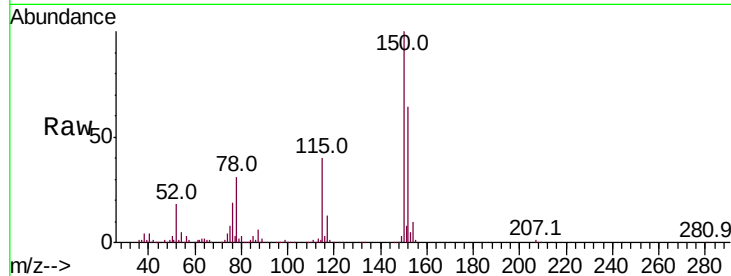
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	127.3	190.9
115	62.7	50.8	76.2

Manual Integrations
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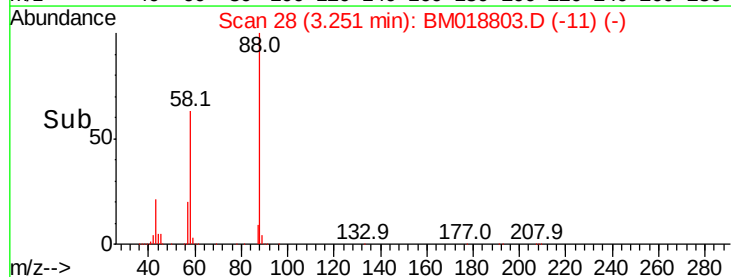
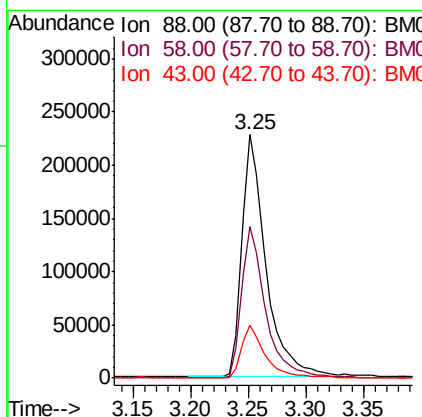
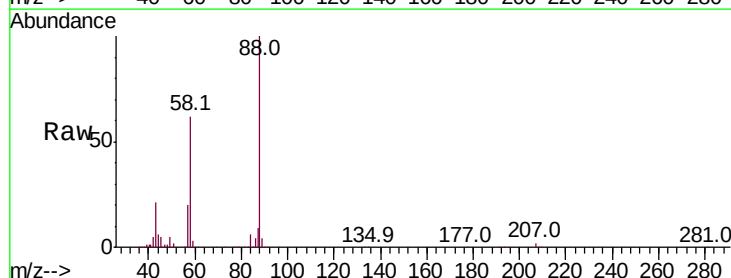
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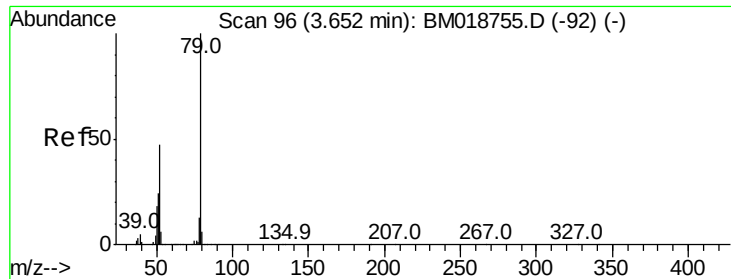


#2

1,4-Dioxane
Concen: 39.196 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	49.8	74.6
43	21.1	16.7	25.1





#3

Pvridine

Concen: 42.990 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

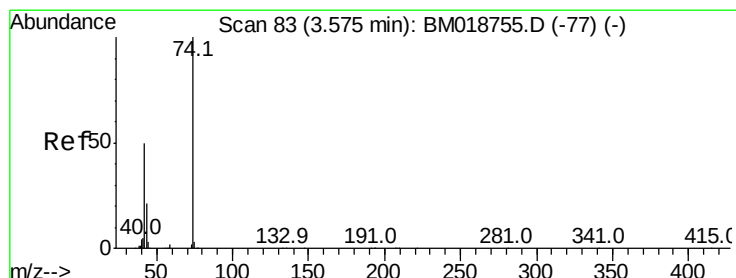
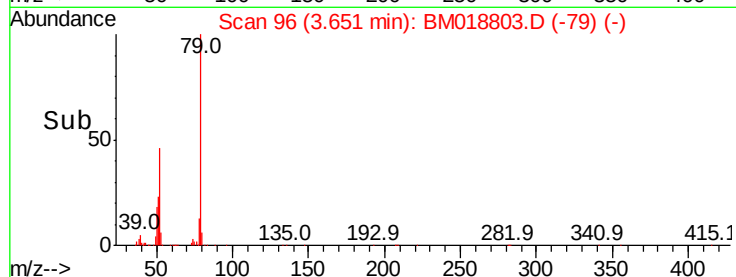
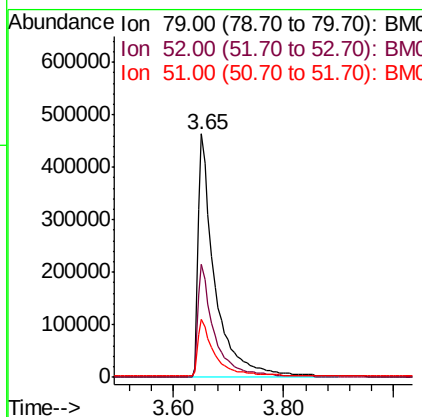
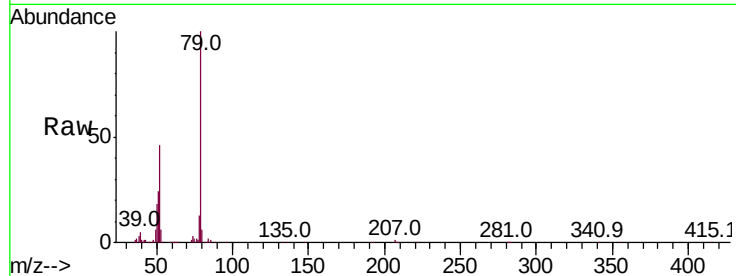
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	982960
Ion	Ratio	Lower	Upper
79	100		
52	46.2	37.6	56.4
51	23.9	19.7	29.5

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.824 ng

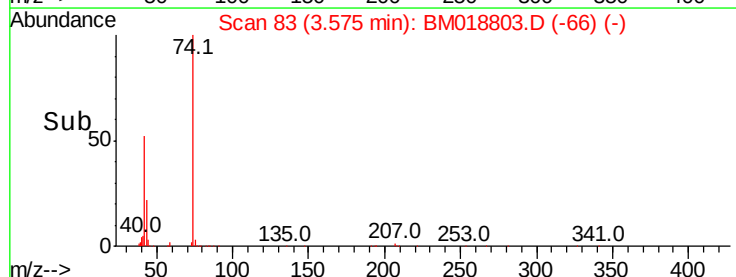
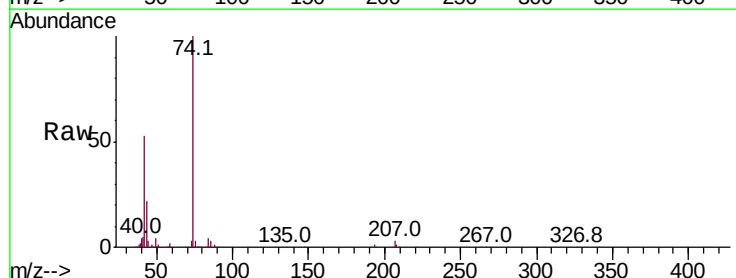
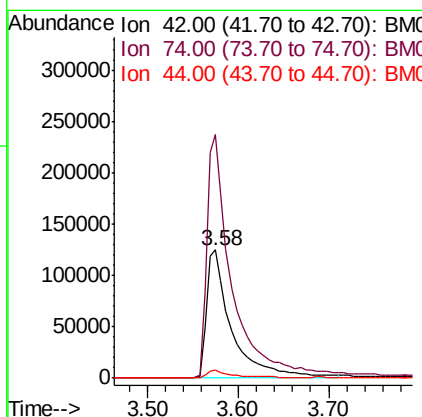
RT: 3.58 min Scan# 83

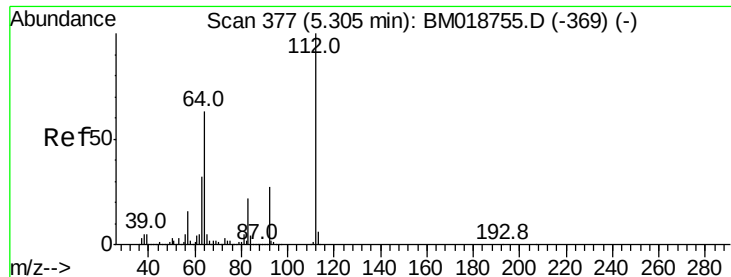
Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion:	42	Resp:	243279
Ion	Ratio	Lower	Upper
42	100		
74	190.2	158.1	237.1
44	6.2	4.9	7.3





#5

2-Fluorophenol

Concen: 80.897 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:112 Resp: 1556915

Ion Ratio Lower Upper

112 100

64 64.6 50.6 75.8

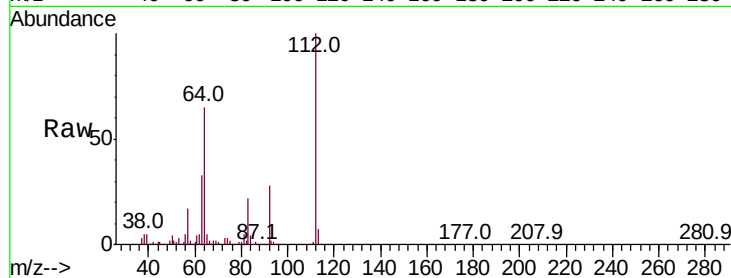
63 33.3 25.7 38.5

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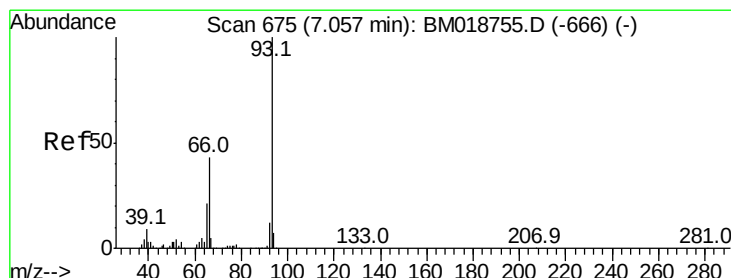
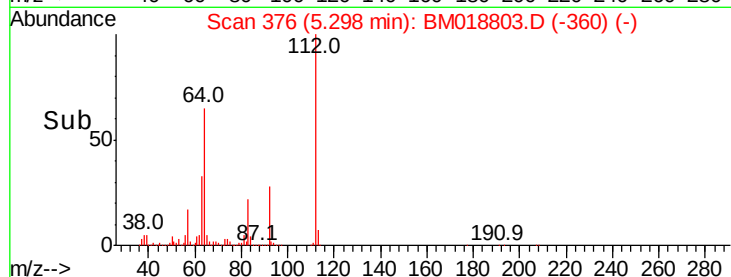
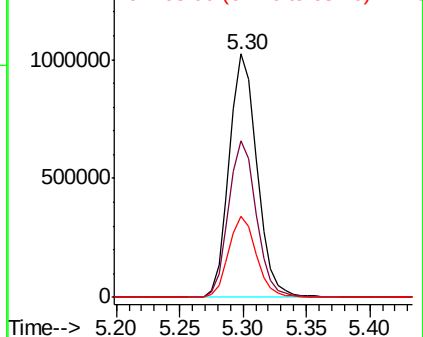
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 40.747 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

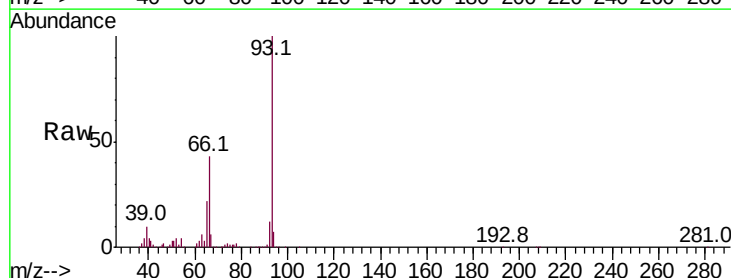
Tgt Ion: 93 Resp: 1353582

Ion Ratio Lower Upper

93 100

66 42.6 34.1 51.1

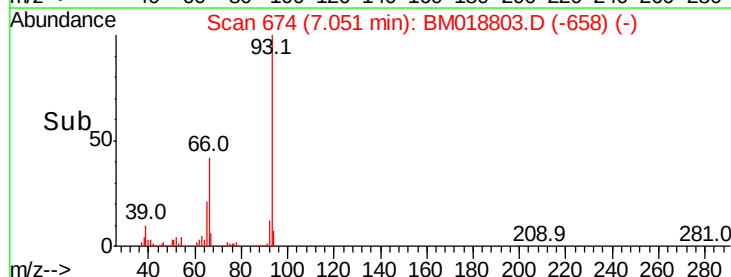
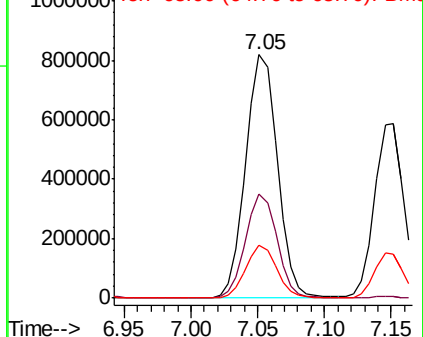
65 21.6 16.6 24.8

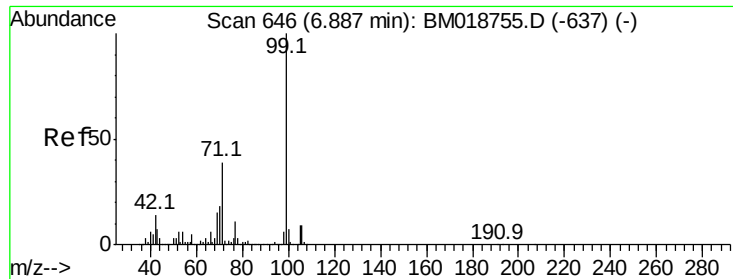


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 81.754 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 2216553

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

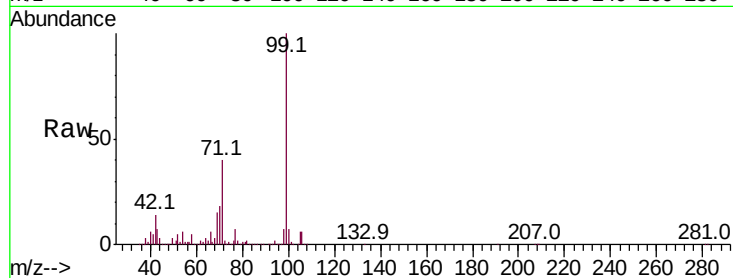
71 39.8 31.3 46.9

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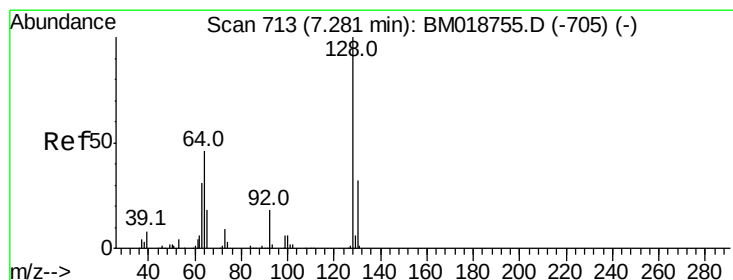
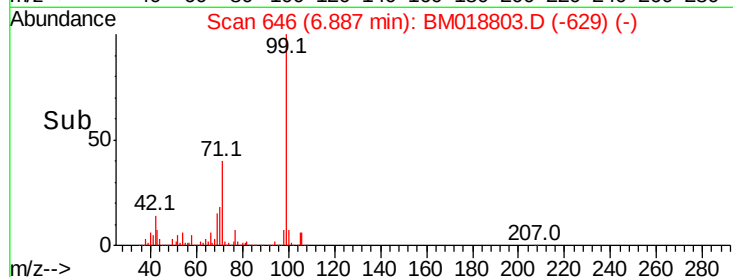
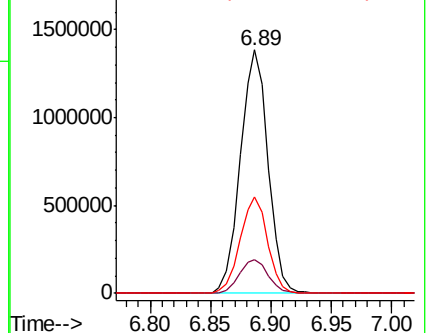
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 40.374 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

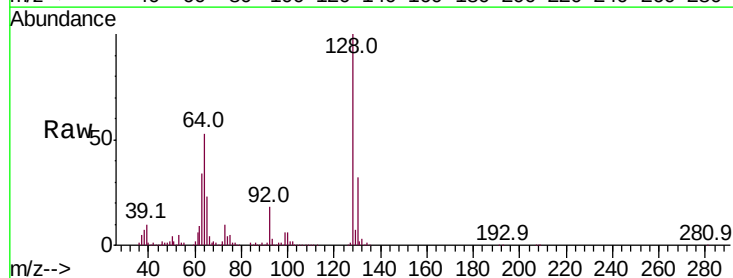
Tgt Ion: 128 Resp: 853104

Ion Ratio Lower Upper

128 100

130 32.2 11.7 51.7

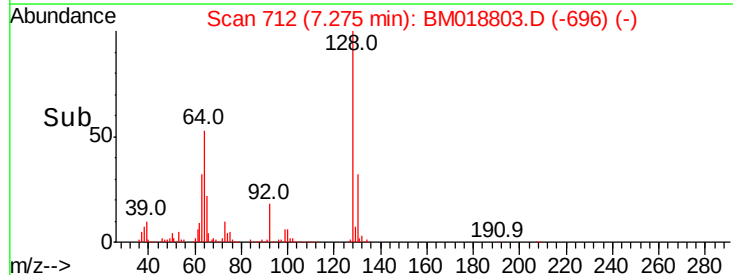
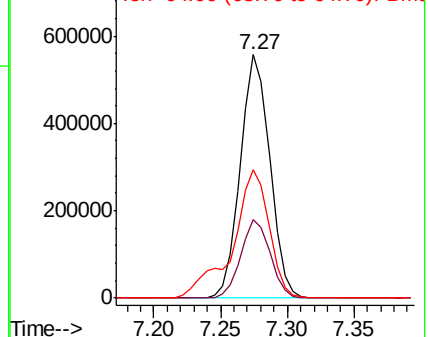
64 52.6 31.0 71.0

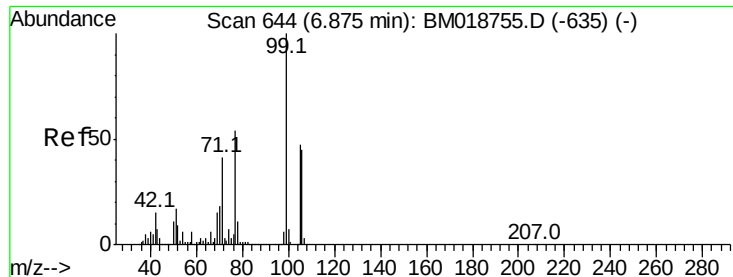


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 42.762 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion: 77 Resp: 622162

Ion Ratio Lower Upper

77 100

105 86.2 67.3 107.3

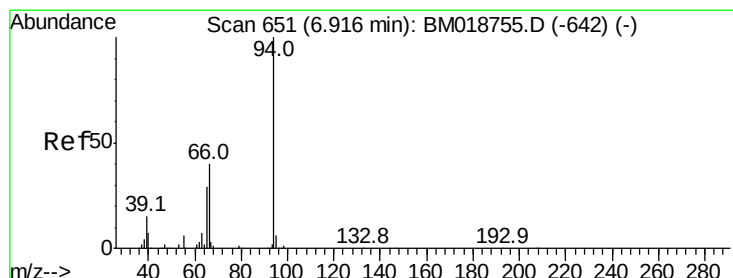
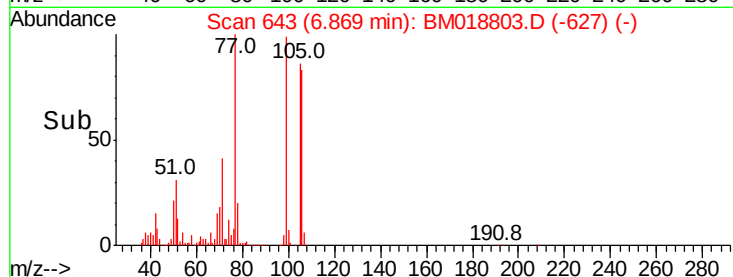
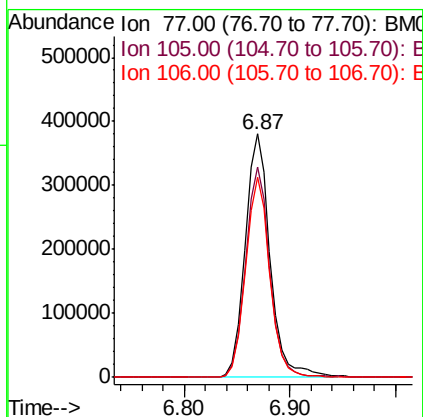
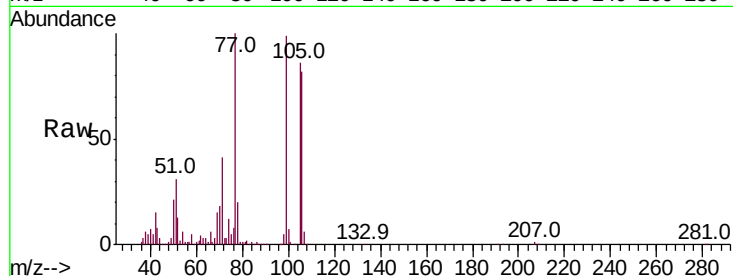
106 82.4 62.9 102.9

Manual Integrations

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#10

Phenol

Concen: 41.001 ng

RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

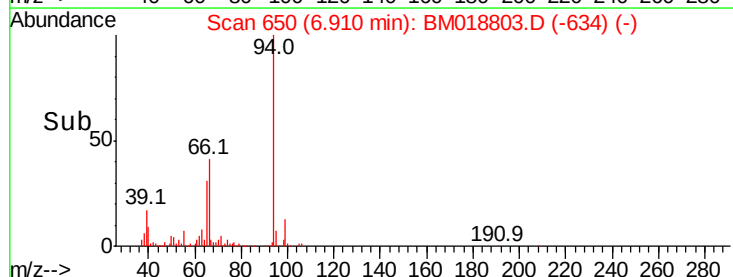
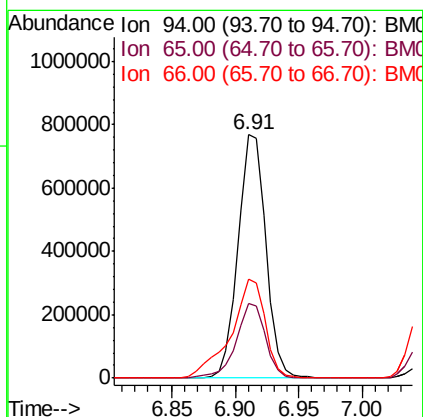
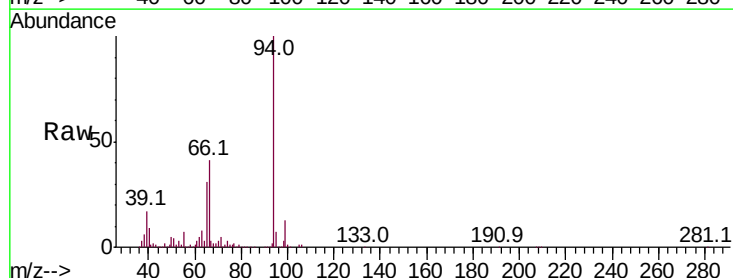
Tgt Ion: 94 Resp: 1169666

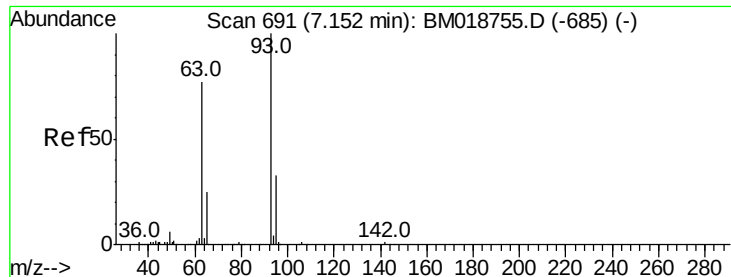
Ion Ratio Lower Upper

94 100

65 30.8 9.6 49.6

66 40.8 20.4 60.4





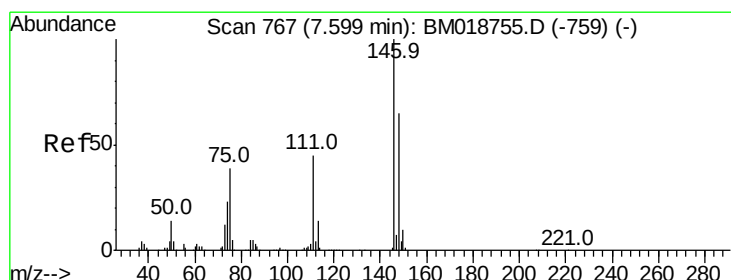
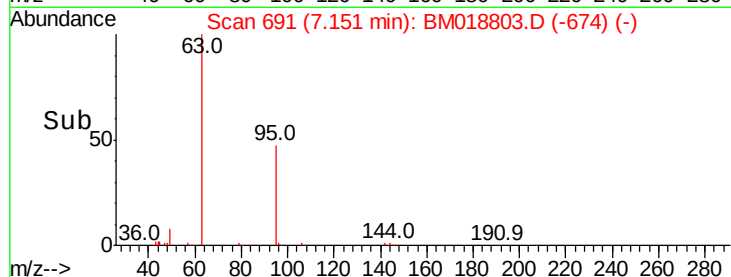
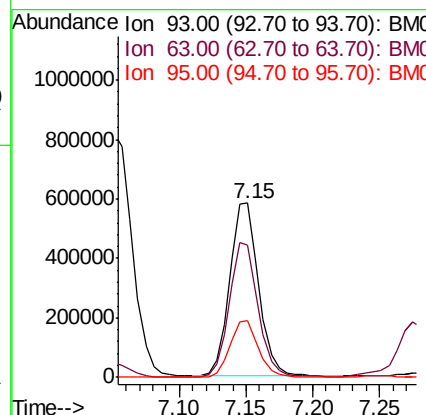
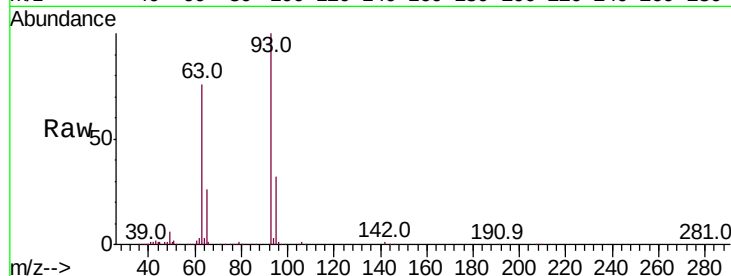
#11
bis(2-Chloroethyl)ether
Concen: 40.636 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	57.0	97.0
95	32.2	12.4	52.4

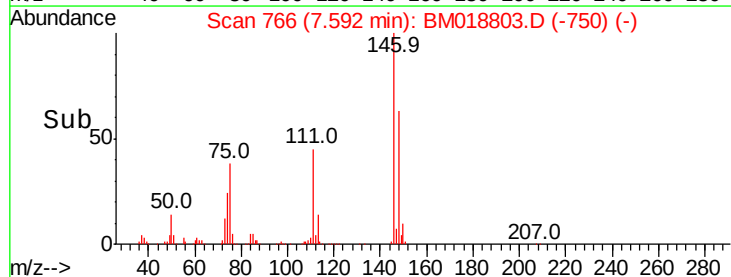
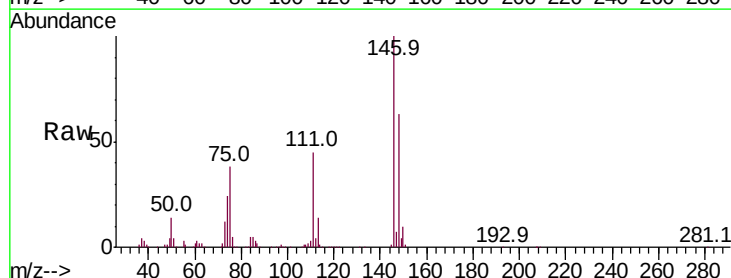
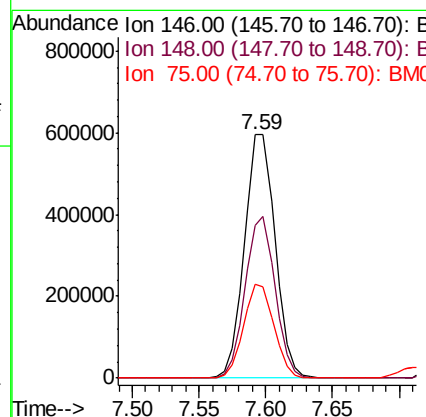
Manual Integrations
APPROVED

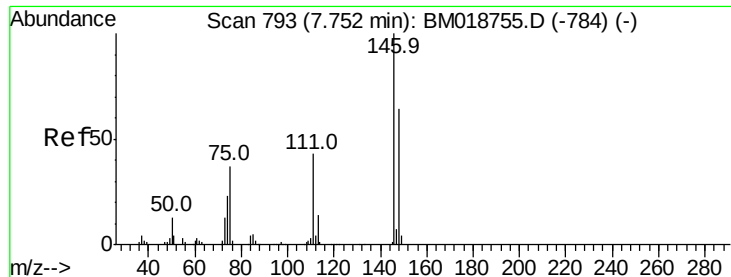
Sohil
2/14/2019 1:50:31 PM



#12
1,3-Dichlorobenzene
Concen: 39.809 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.7	77.5
75	38.4	31.3	46.9





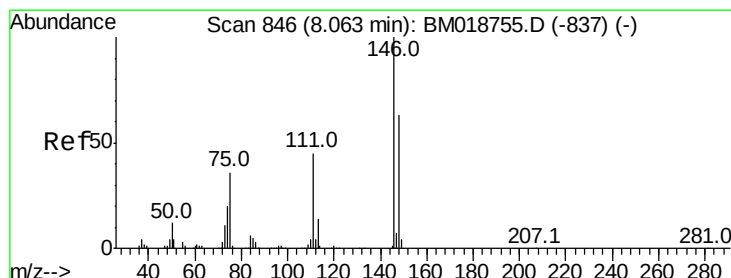
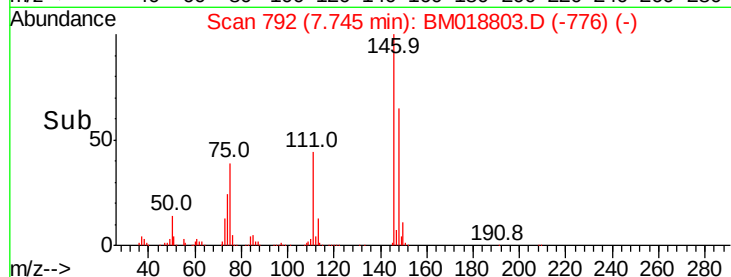
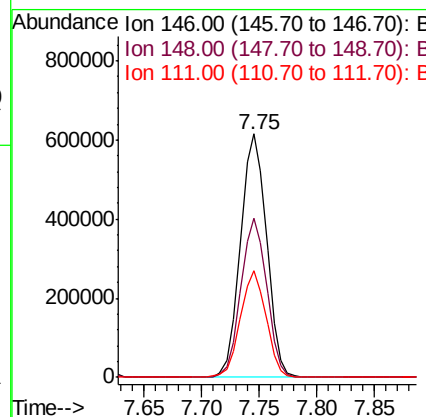
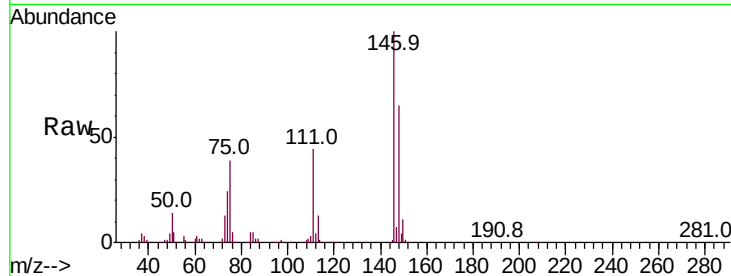
#13
 1,4-Dichlorobenzene
 Concen: 39.855 ng
 RT: 7.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.4	77.2
111	43.9	34.6	52.0

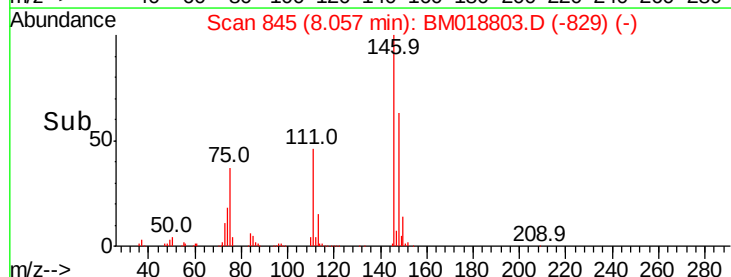
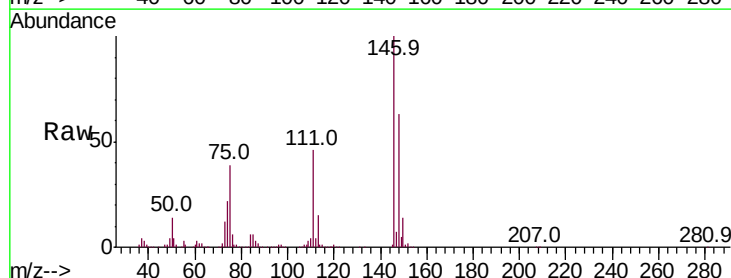
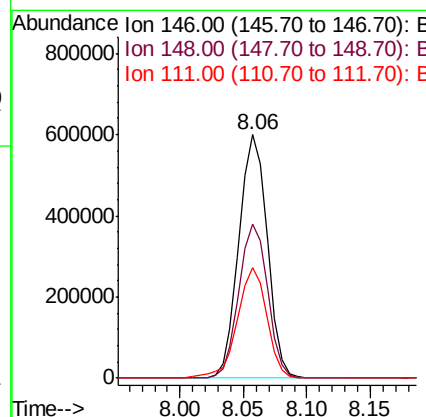
Manual Integrations
 APPROVED

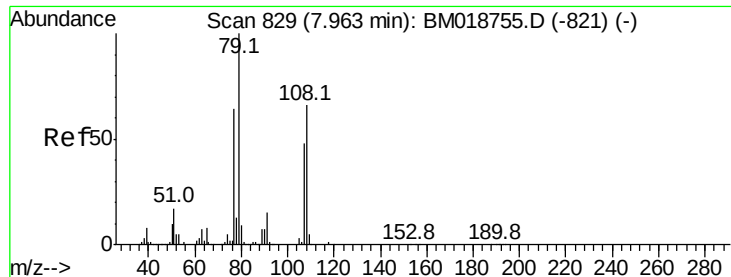
Sohil
 2/14/2019 1:50:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 40.060 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.7	76.1
111	45.6	35.9	53.9





#15

Benzyl Alcohol

Concen: 42.162 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

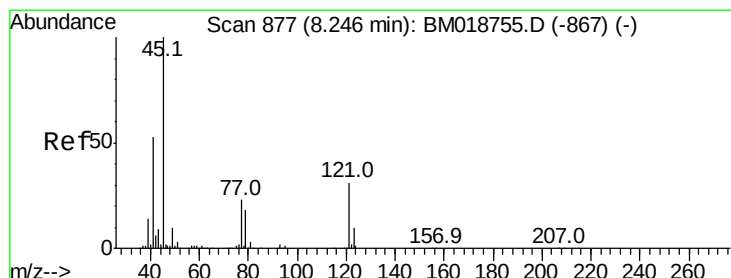
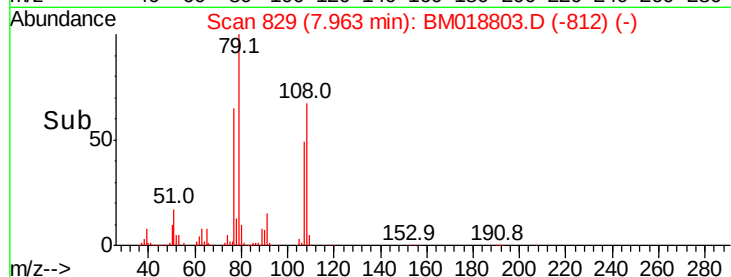
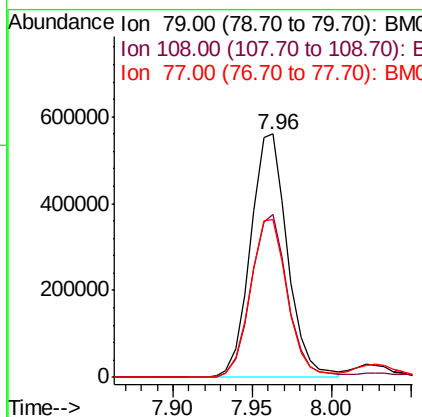
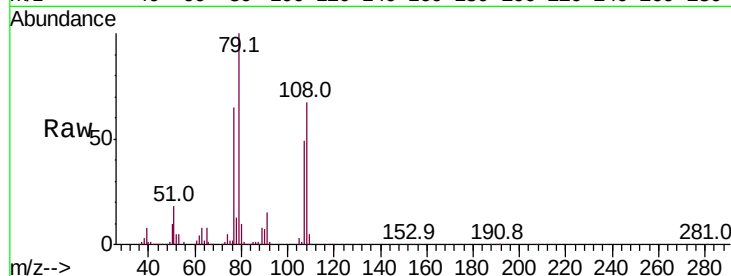
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	908304
Ion Ratio	Lower	Upper	
79	100		
108	66.8	52.7	79.1
77	64.7	51.0	76.4

Manual Integrations
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2/14/2019 1:50:31 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.503 ng

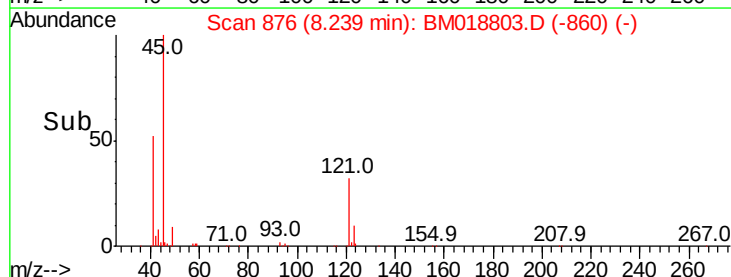
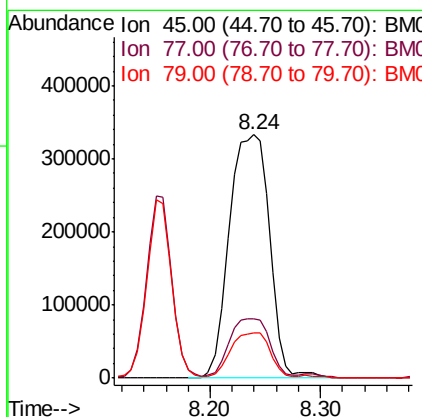
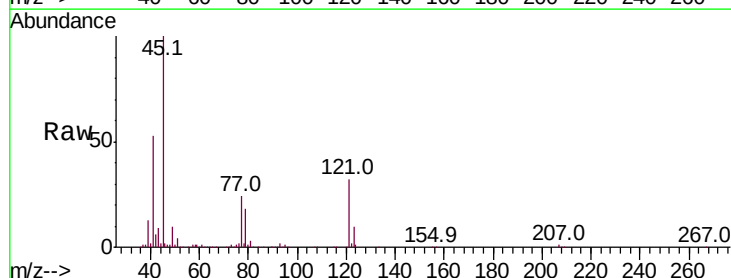
RT: 8.24 min Scan# 876

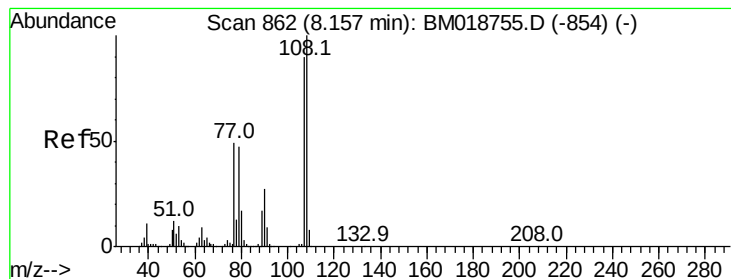
Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion:	45	Resp:	853069
Ion Ratio	Lower	Upper	
45	100		
77	24.5	5.0	45.0
79	18.4	0.0	39.3





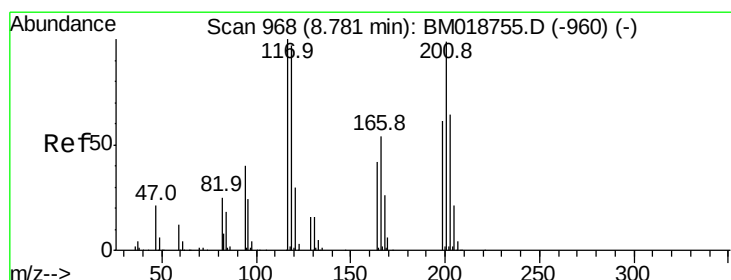
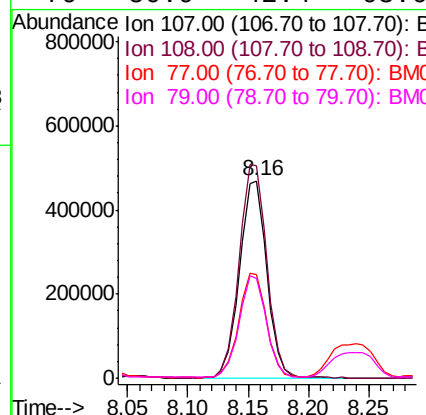
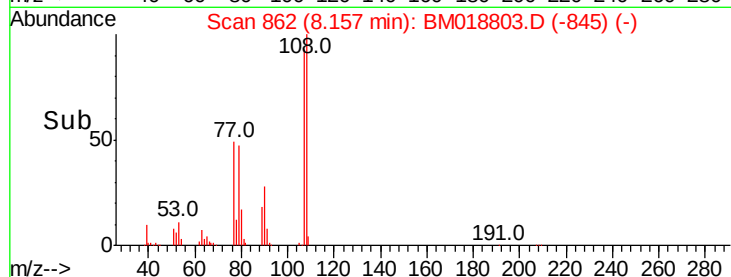
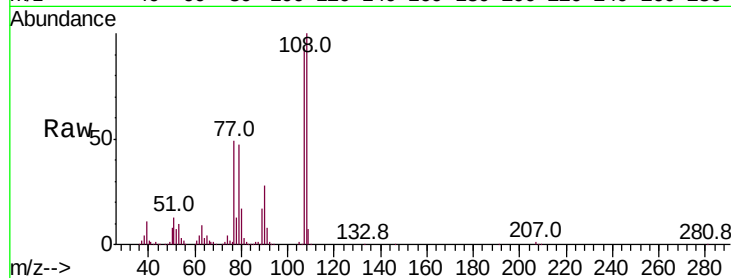
#17
2-Methylphenol
Concen: 40.763 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.4	88.8	133.2	
77	52.6	44.0	66.0	
79	50.9	42.4	63.6	

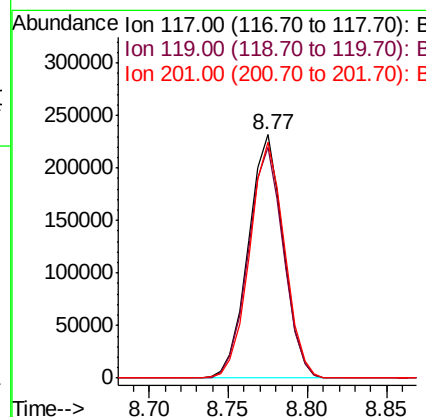
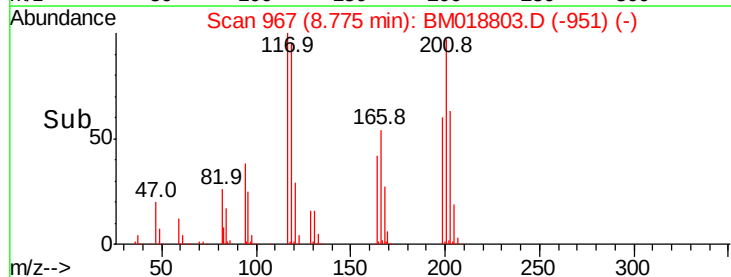
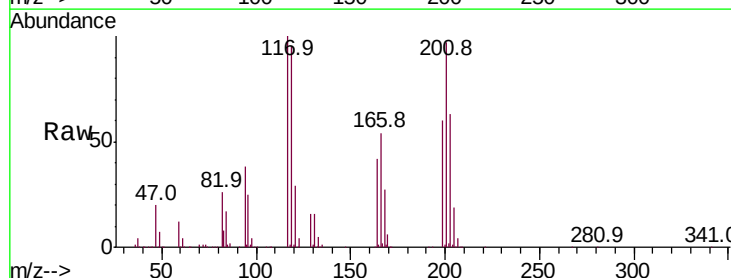
Manual Integrations
APPROVED

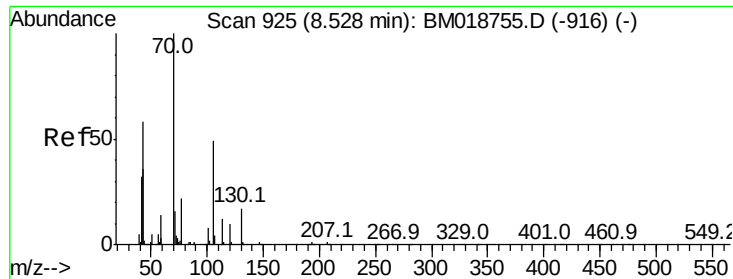
Sohil
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#18
Hexachloroethane
Concen: 40.235 ng
RT: 8.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	77.9	116.9	
201	96.8	79.2	118.8	





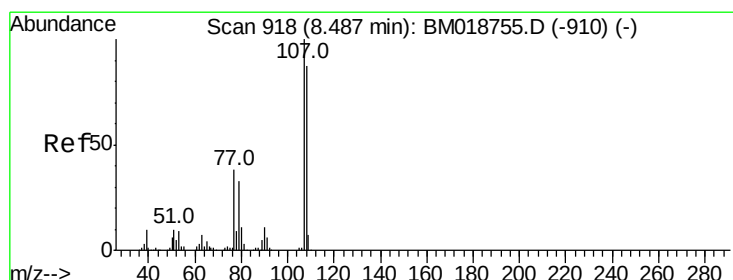
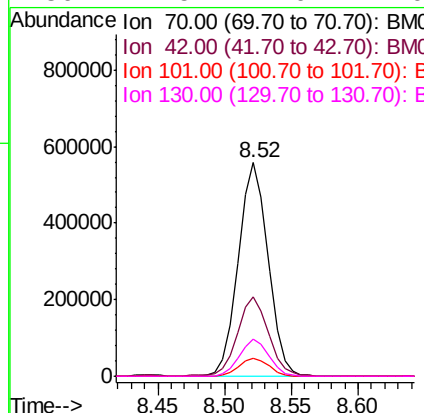
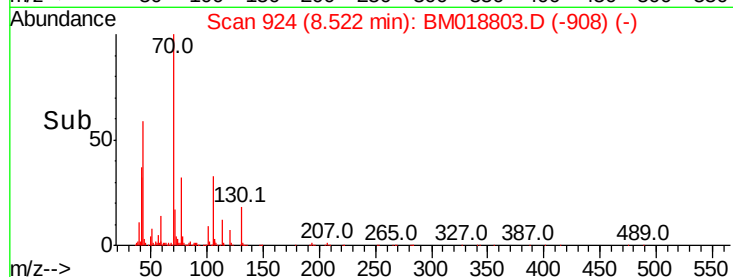
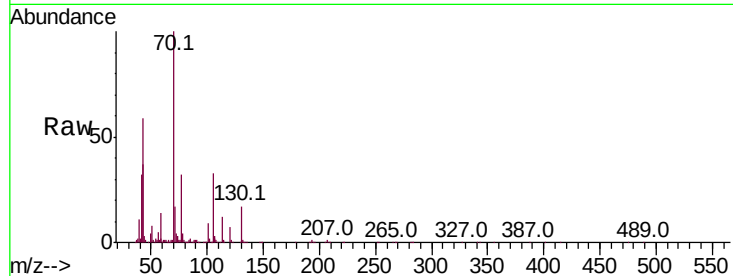
#19
n-Nitroso-di-n-propylamine
Concen: 40.951 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.0	29.4	44.0		
101	8.6	6.7	10.1		
130	17.5	14.0	21.0		

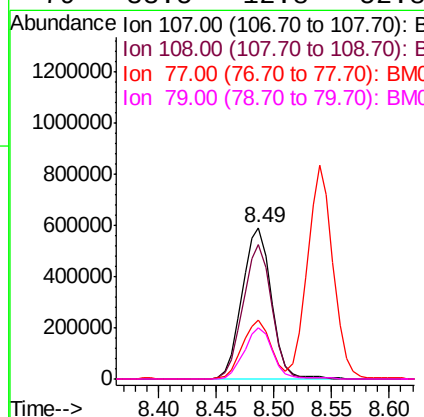
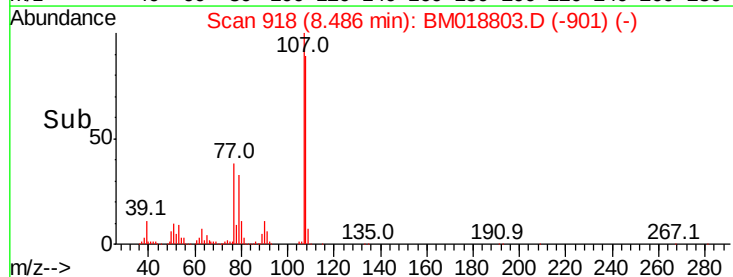
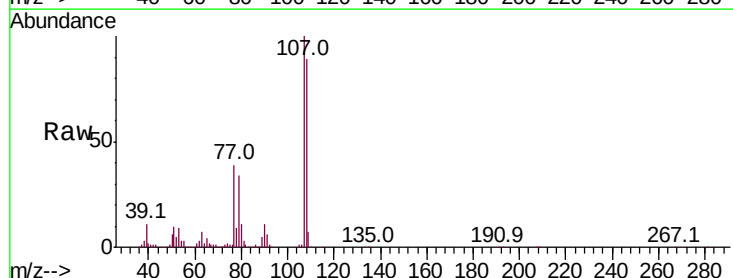
Manual Integrations
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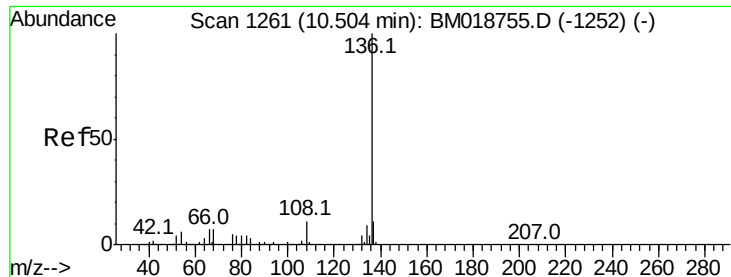
Sohil
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#20
3+4-Methylphenols
Concen: 41.431 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	67.3	107.3		
77	38.8	18.0	58.0		
79	33.5	12.8	52.8		





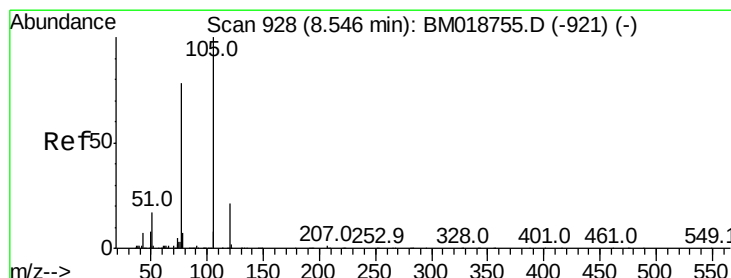
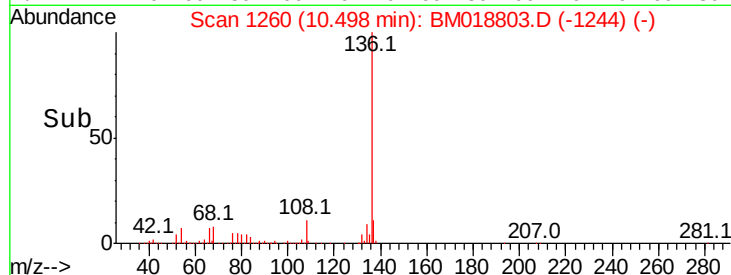
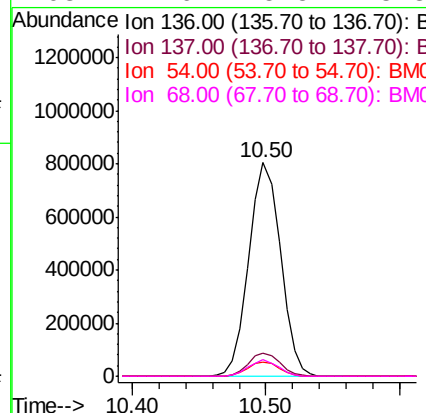
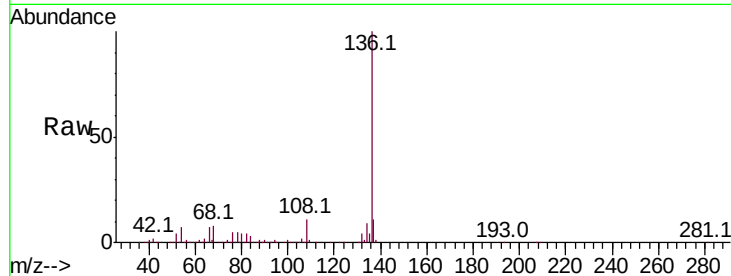
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	136	Resp	1325195
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.0	7.6
68	7.6	5.5	8.3

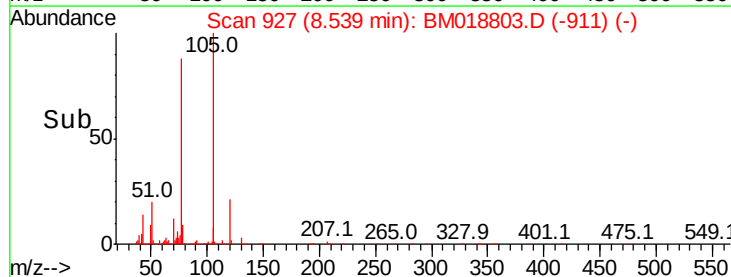
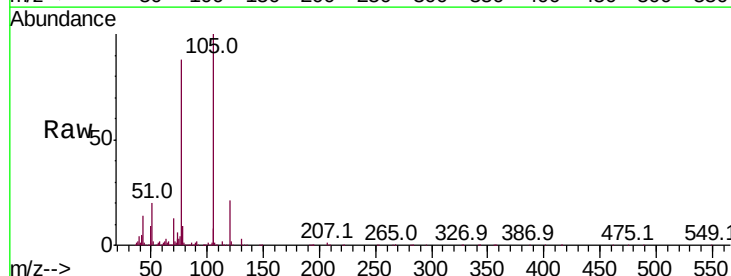
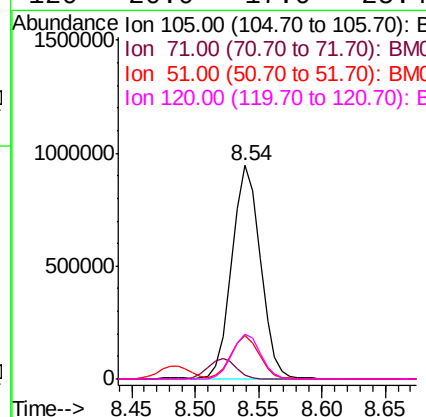
Manual Integrations
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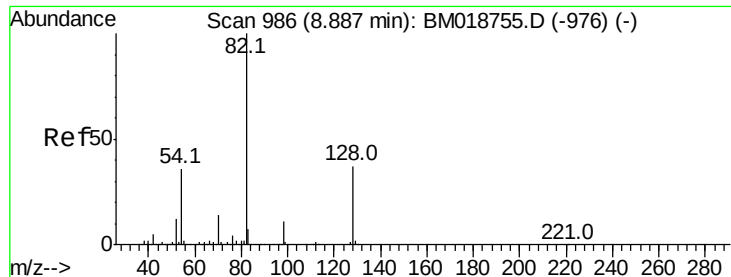
Sohil
2/14/2019 1:50:31 PM



#22
Acetophenone
Concen: 40.264 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	105	Resp	1465316
Ion	Ratio	Lower	Upper
105	100		
71	2.1	1.1	1.7#
51	20.4	15.5	23.3
120	20.9	17.0	25.4





#23

Nitrobenzene-d5

Concen: 81.408 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

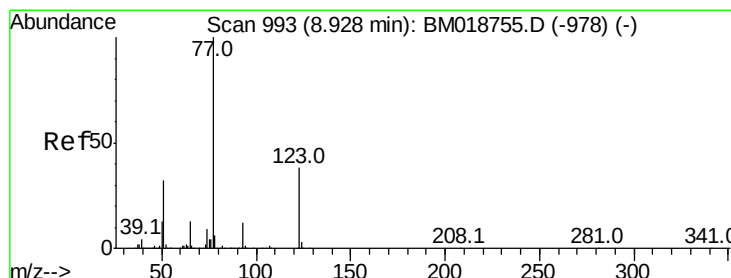
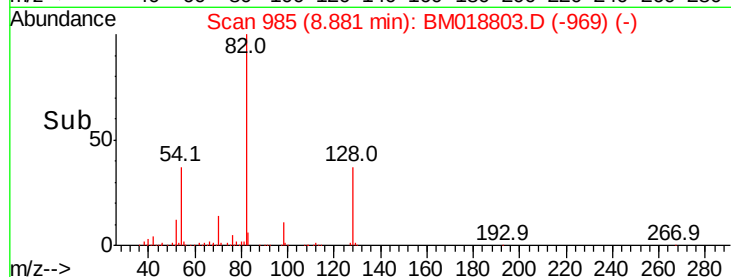
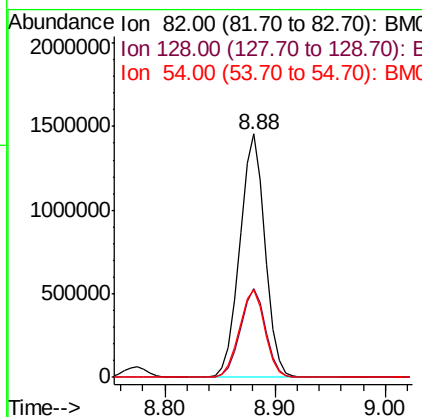
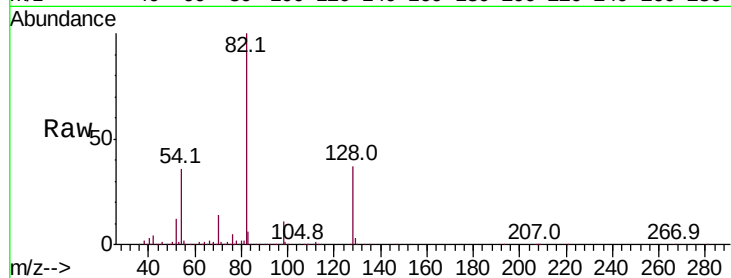
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	2333149
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.9	44.9
54	36.2	29.1	43.7

Manual Integrations
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2/14/2019 1:50:31 PM



#24

Nitrobenzene

Concen: 40.349 ng

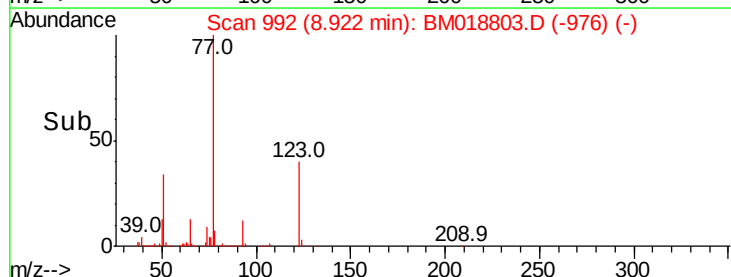
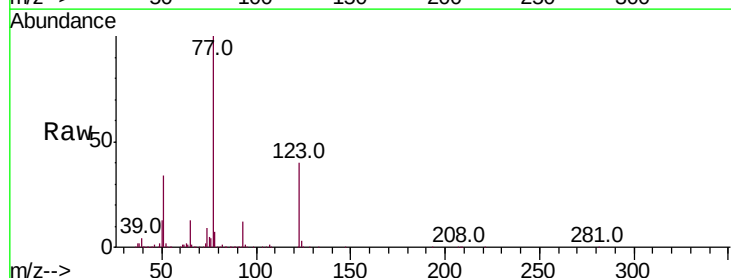
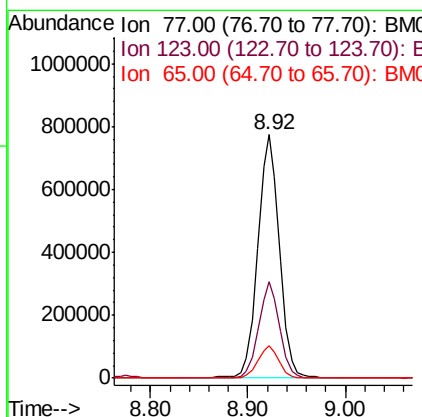
RT: 8.92 min Scan# 992

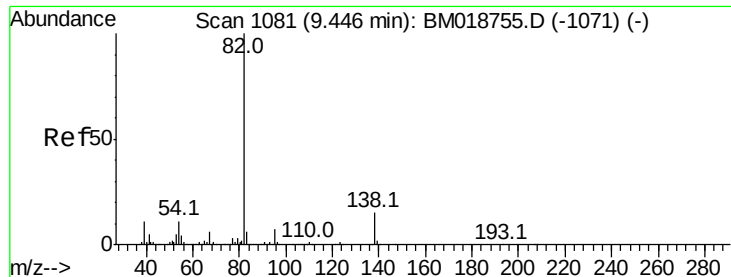
Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion:	77	Resp:	1200351
Ion	Ratio	Lower	Upper
77	100		
123	39.7	30.7	46.1
65	13.3	10.5	15.7





#25

Isophorone

Concen: 40.868 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1868900

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

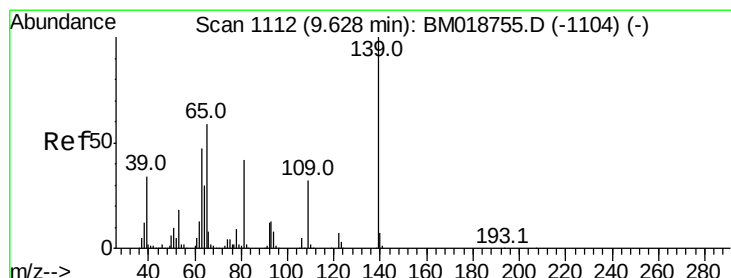
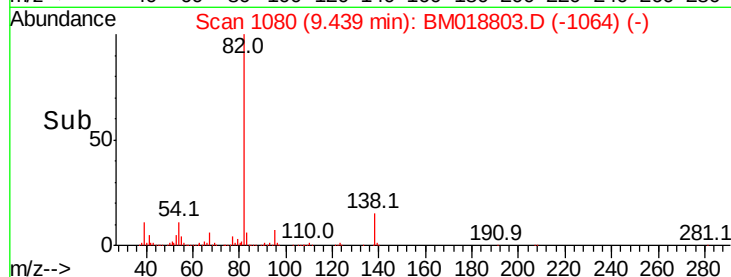
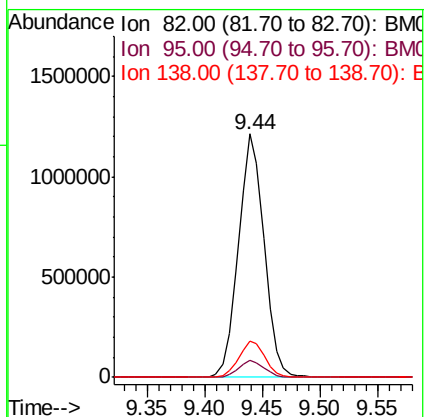
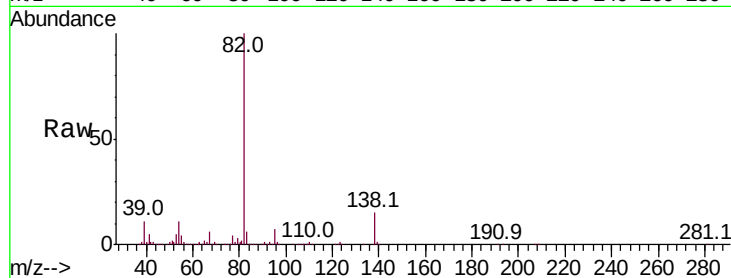
138 15.1 12.3 18.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.724 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

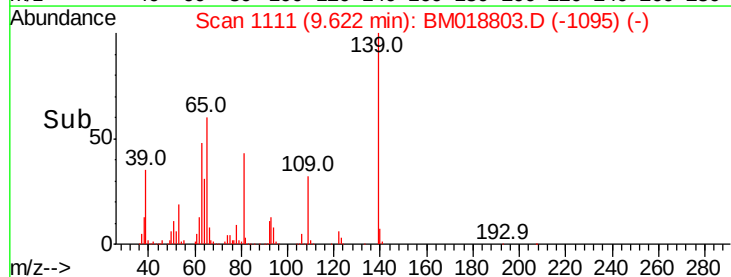
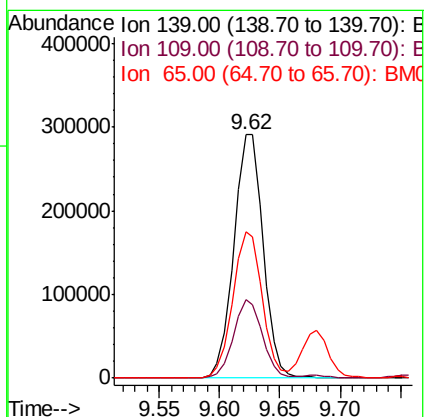
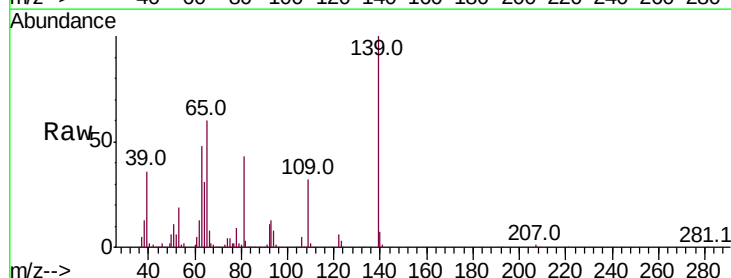
Tgt Ion: 139 Resp: 494309

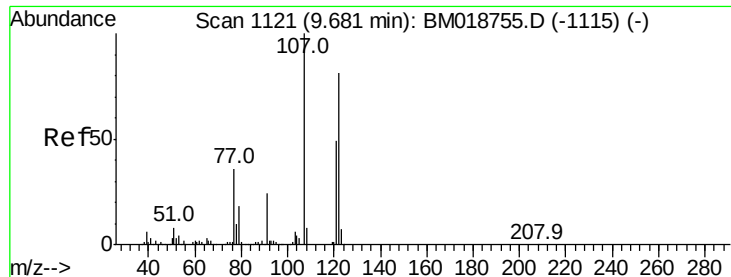
Ion Ratio Lower Upper

139 100

109 32.4 25.2 37.8

65 60.2 47.0 70.4





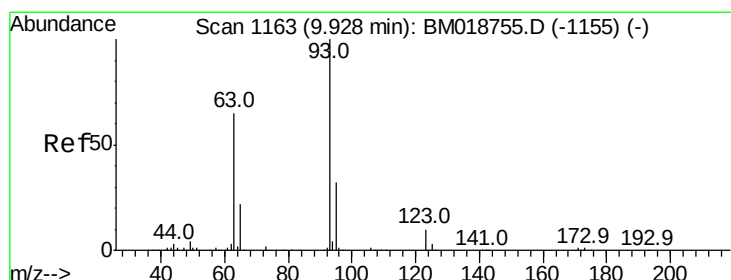
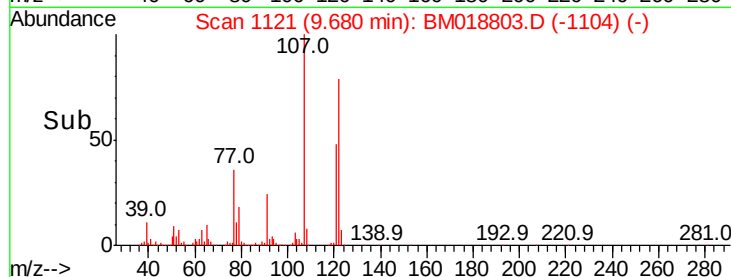
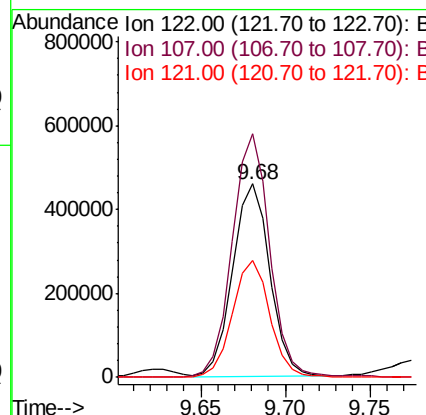
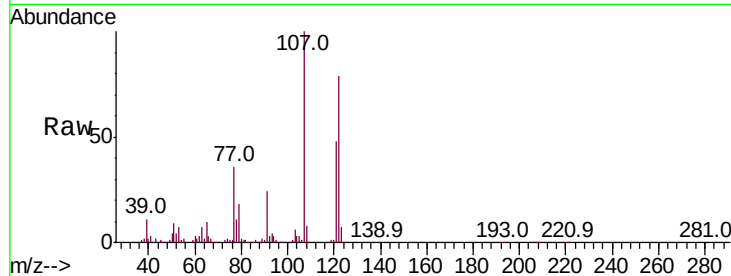
#27
2,4-Dimethylphenol
Concen: 40.783 ng
RT: 9.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	97.6	146.4
121	60.7	47.9	71.9

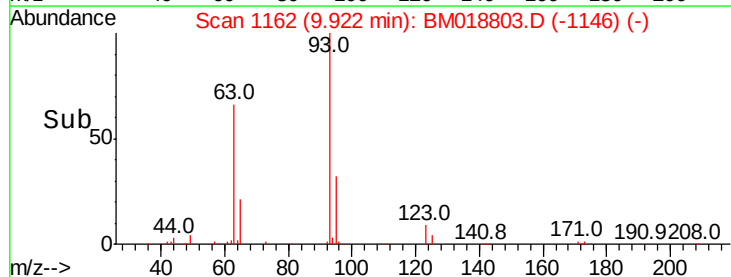
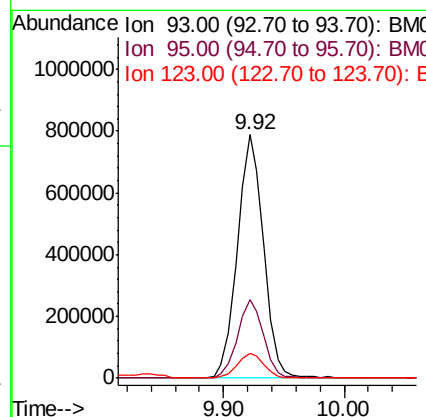
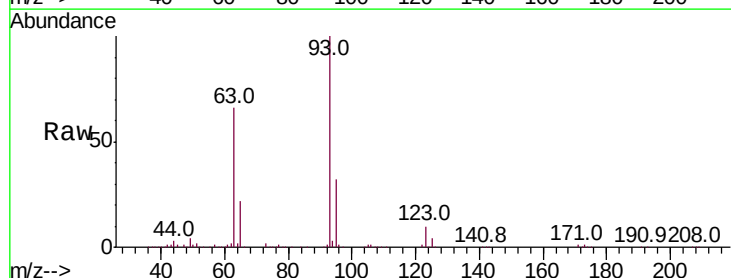
Manual Integrations
APPROVED

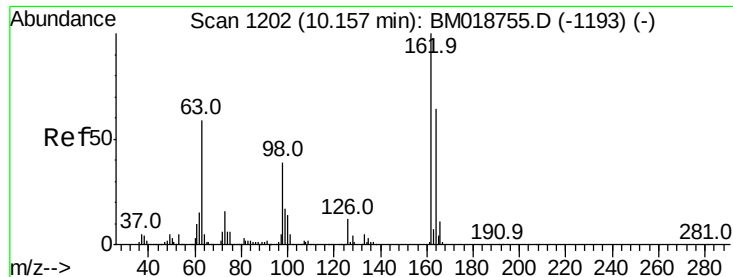
Sohil
2/14/2019 1:50:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.300 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.6	38.4
123	10.2	8.2	12.4





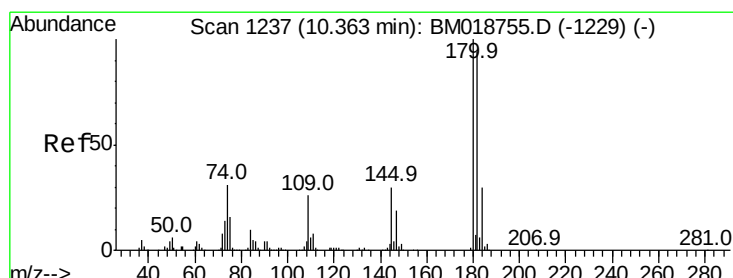
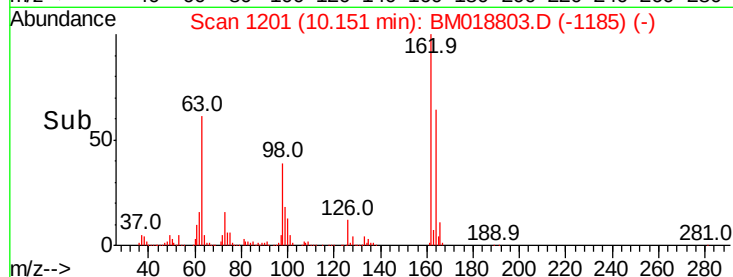
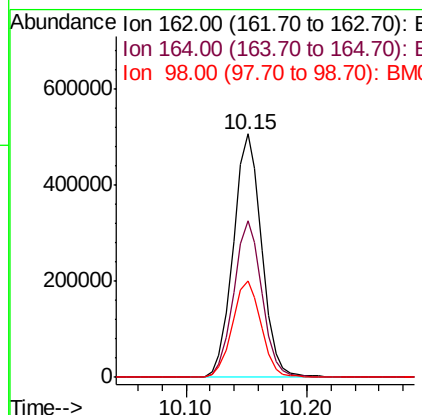
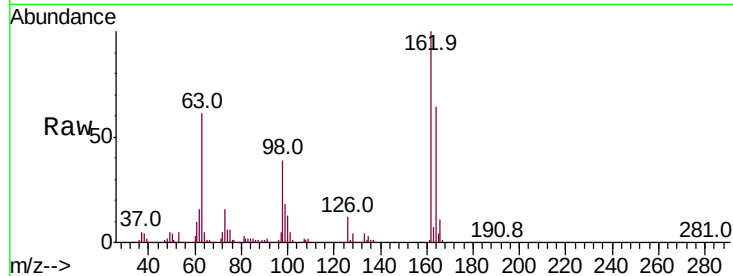
#29
2,4-Dichlorophenol
Concen: 41.800 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.3	44.1	84.1	
98	39.5	19.4	59.4	

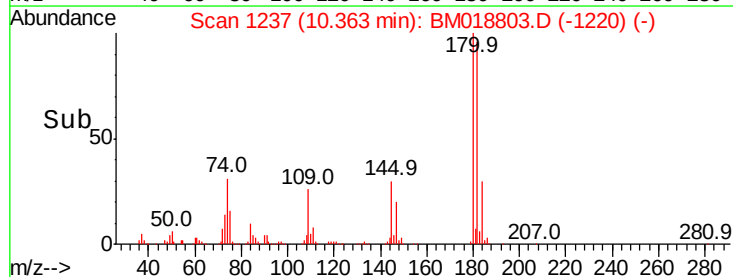
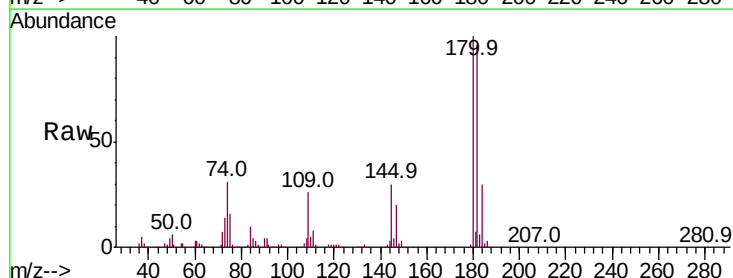
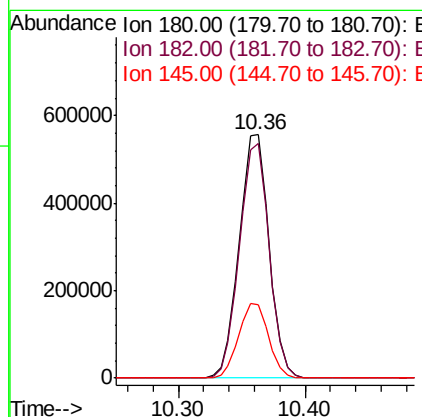
Manual Integrations
APPROVED

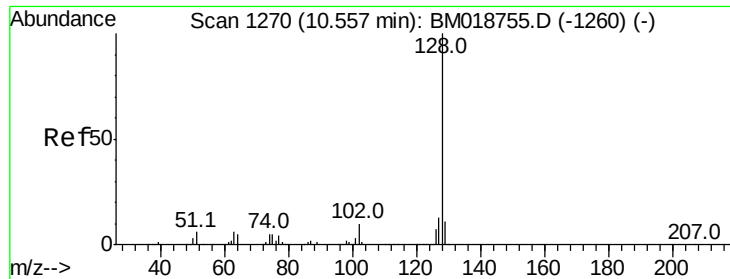
Sohil
2/14/2019 1:50:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.567 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	75.0	112.6	
145	30.2	24.1	36.1	





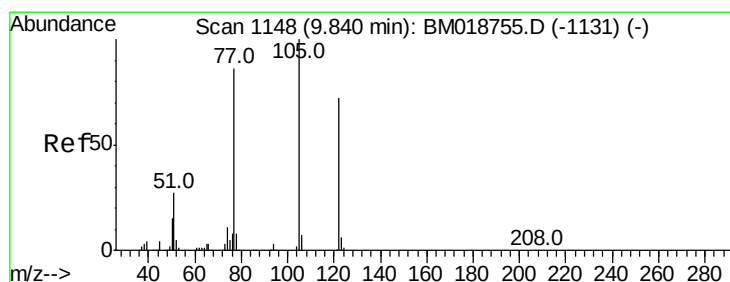
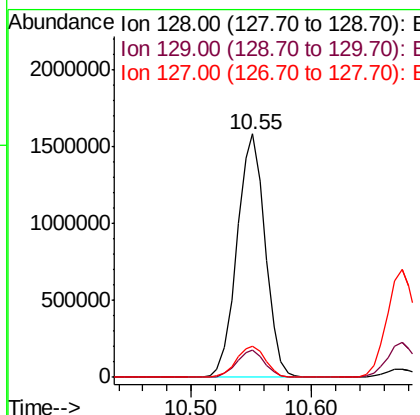
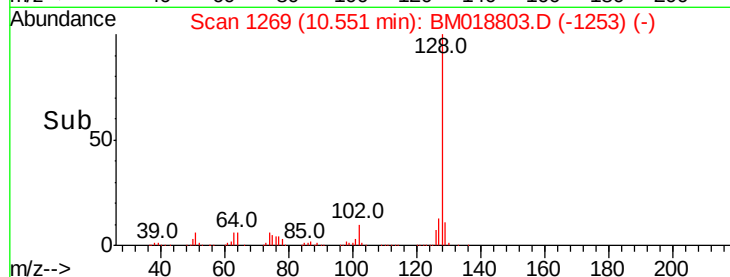
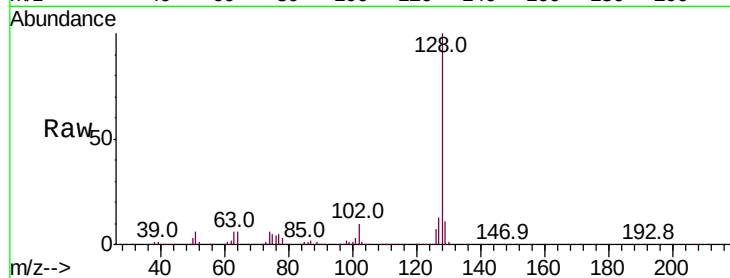
#31
Naphthalene
Concen: 39.854 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 2575824
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.0 10.7 16.1

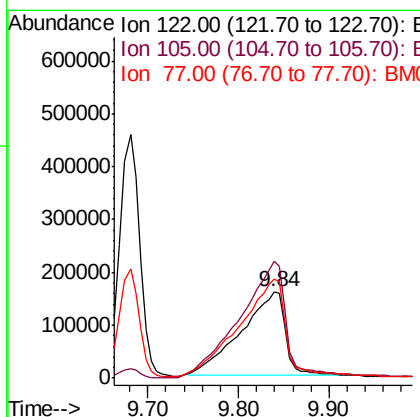
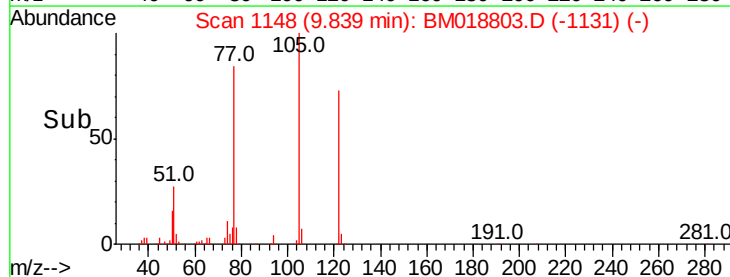
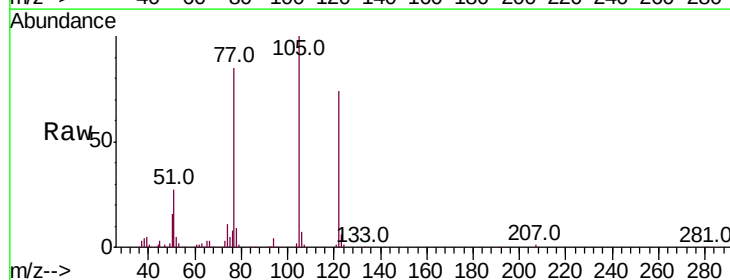
Manual Integrations
APPROVED

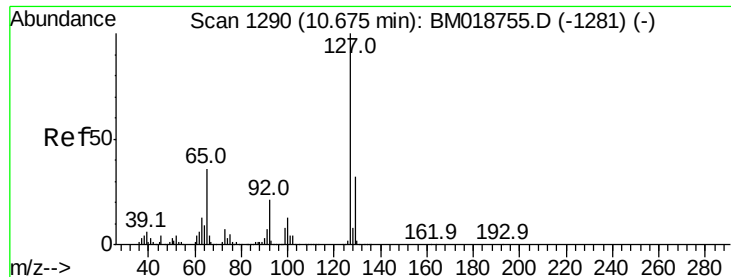
Sohil
2/14/2019 1:50:31 PM



#32
Benzoic acid
Concen: 34.722 ng
RT: 9.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion:122 Resp: 524089
Ion Ratio Lower Upper
122 100
105 135.4 117.5 157.5
77 115.0 98.5 138.5





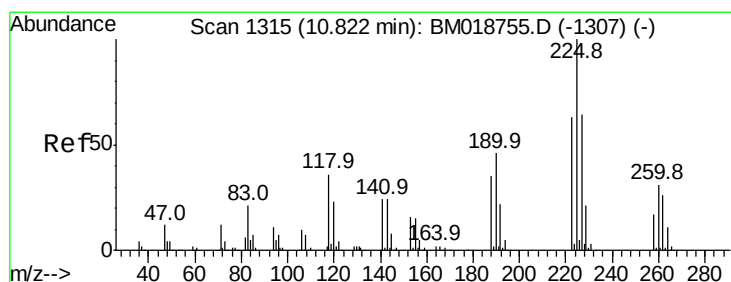
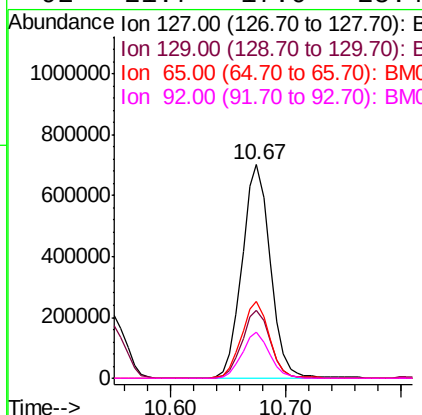
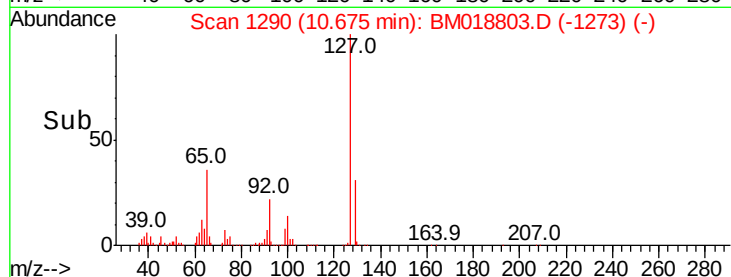
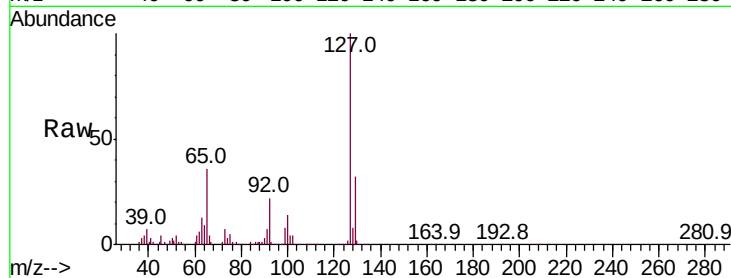
#33
4-Chloroaniline
Concen: 41.376 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	35.7	28.7	43.1
92	21.7	17.0	25.4

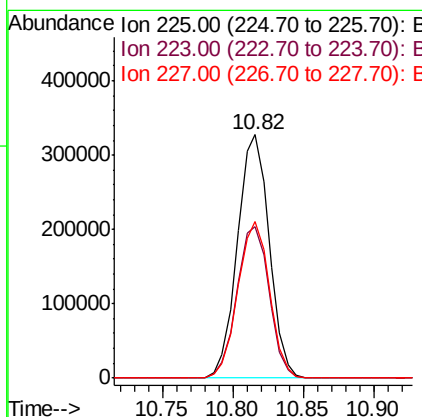
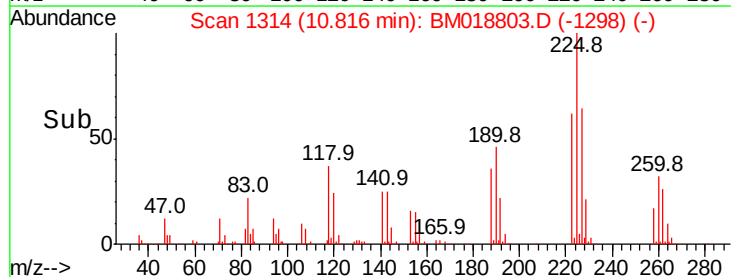
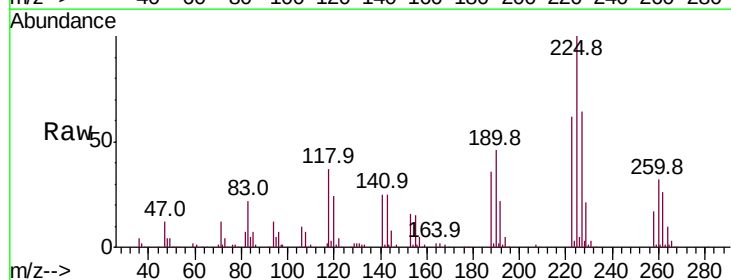
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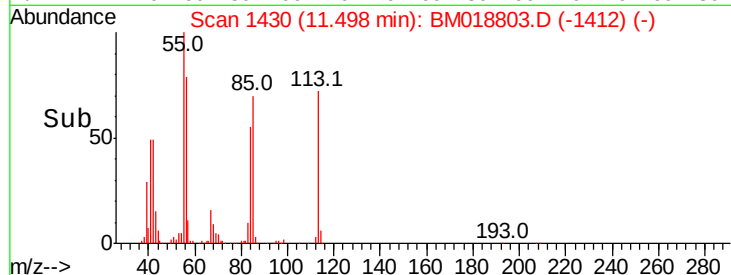
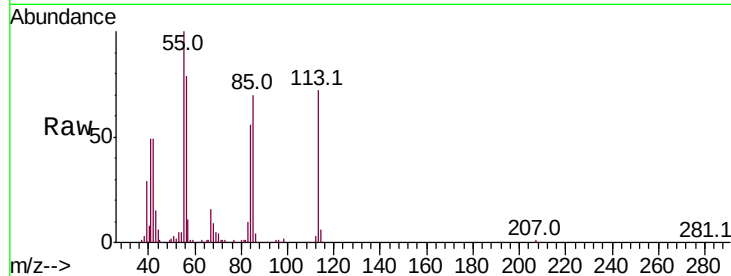
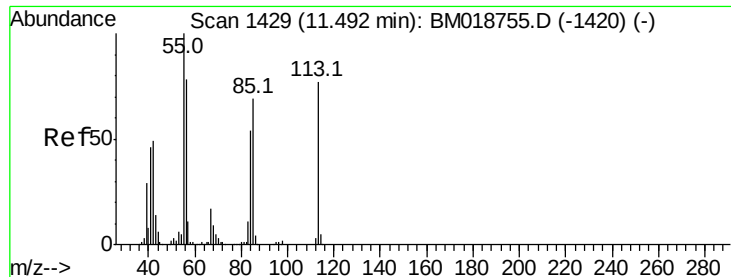
Sohil
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#34
Hexachlorobutadiene
Concen: 38.695 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	64.1	51.4	77.0





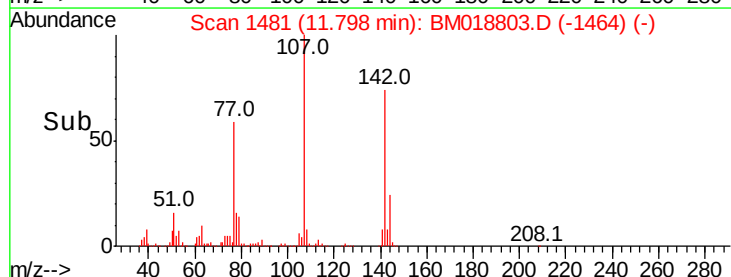
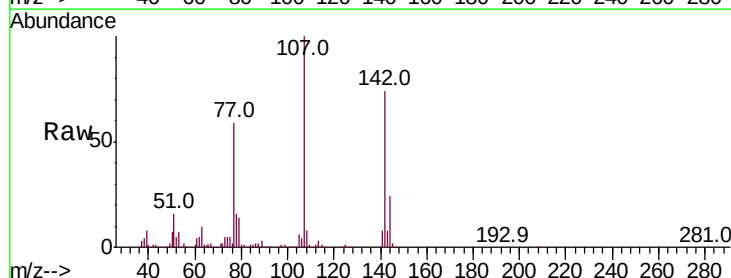
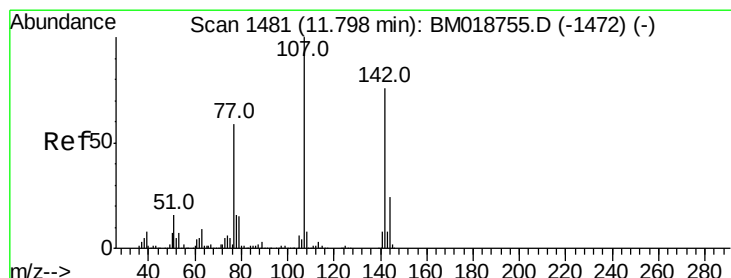
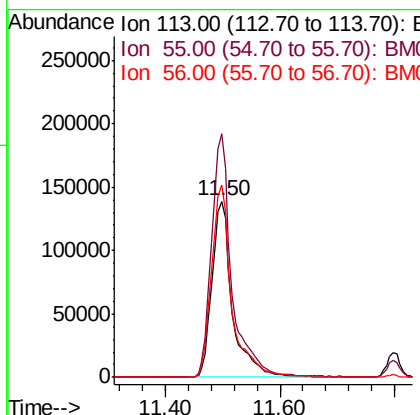
#35
Caprolactam
Concen: 42.248 ng/ml
RT: 11.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.3	110.7	150.7
56	109.2	82.4	122.4

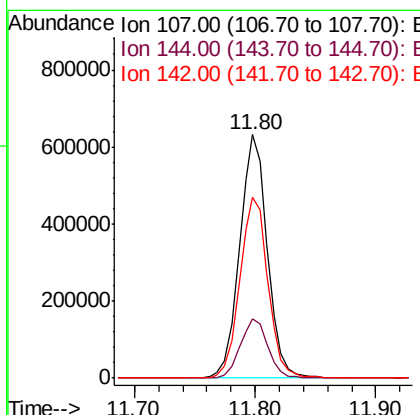
Manual Integrations
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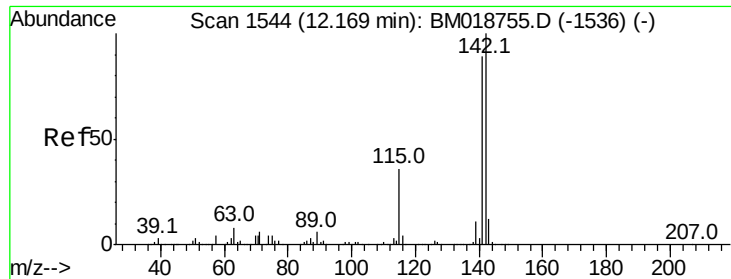
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 42.109 ng/ml
RT: 11.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	19.3	28.9
142	74.2	60.5	90.7





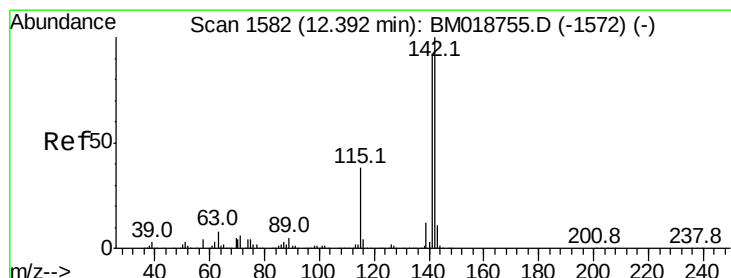
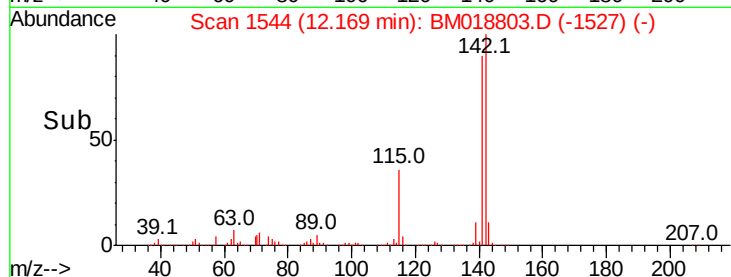
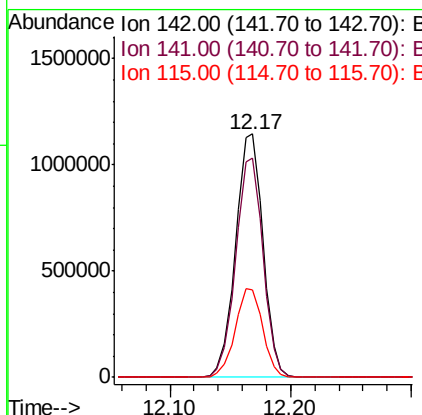
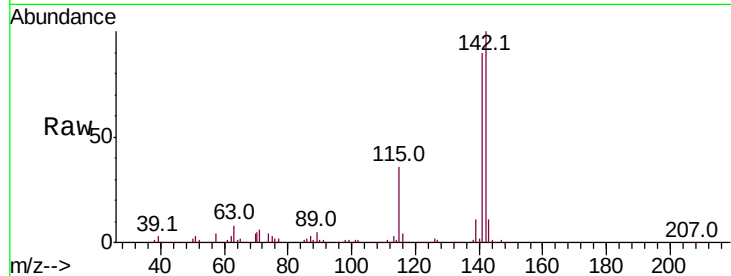
#37
2-Methylnaphthalene
Concen: 40.020 ng
RT: 12.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	35.8	29.1	43.7

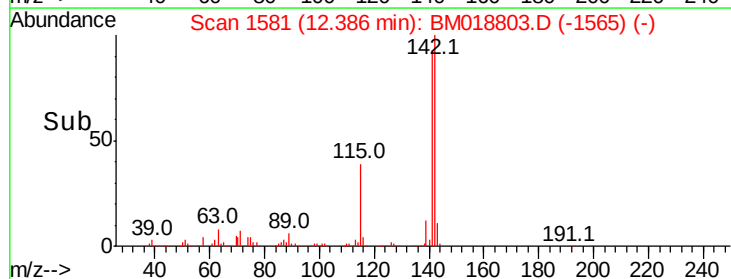
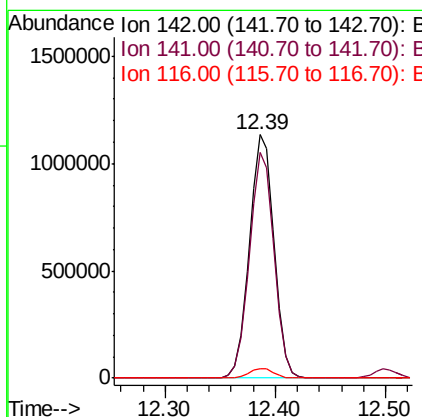
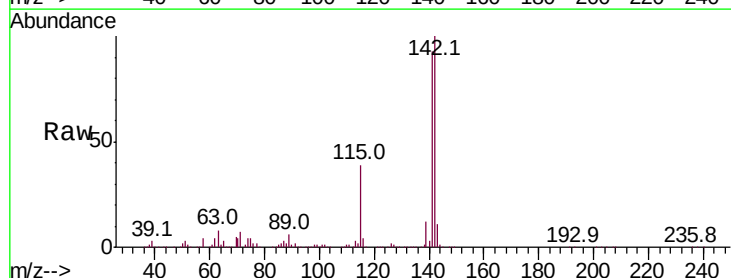
Manual Integrations
APPROVED

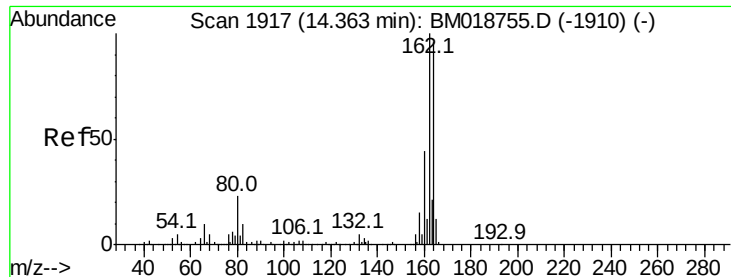
Sohil
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#38
1-Methylnaphthalene
Concen: 39.807 ng
RT: 12.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9
116	4.0	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

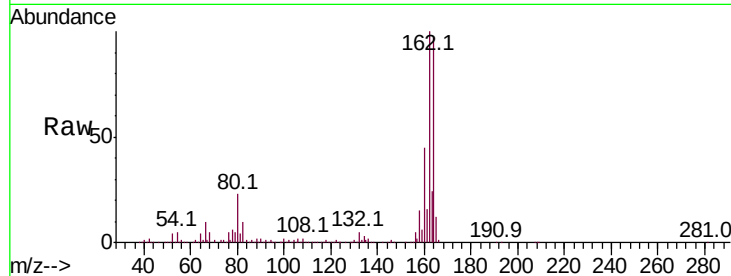
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	783353
Ion Ratio	Lower	Upper	
164	100		
162	103.4	83.4	125.0
160	46.1	36.6	55.0

Manual Integrations
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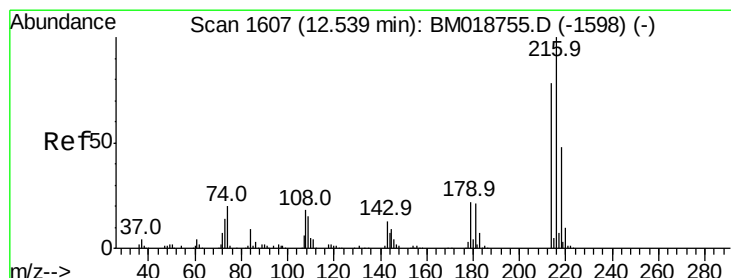
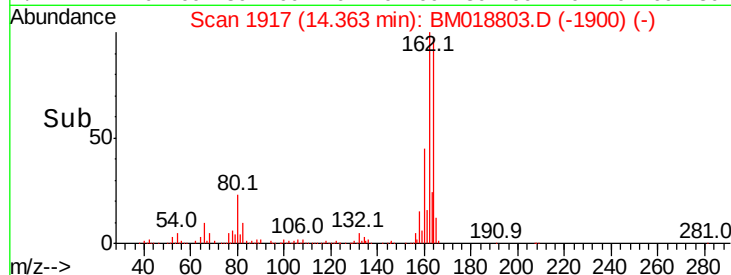
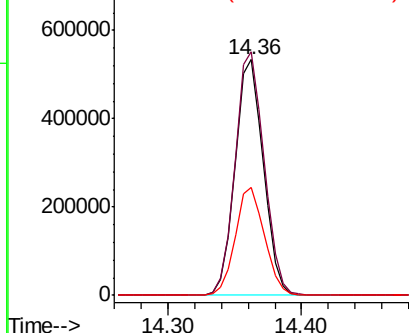


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.691 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion:	216	Resp:	969554
Ion Ratio	Lower	Upper	
216	100		
214	79.8	63.2	94.8
179	22.5	17.8	26.8
108	20.8	16.4	24.6

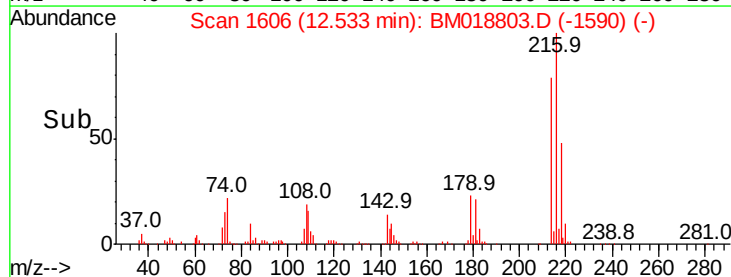
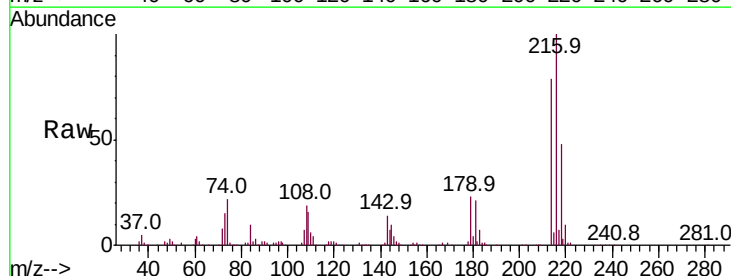
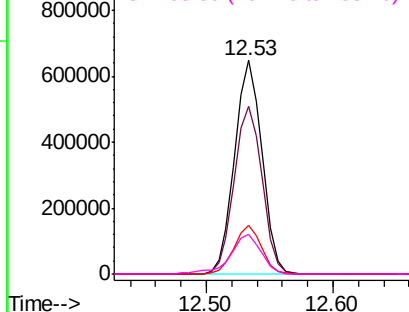
Abundance

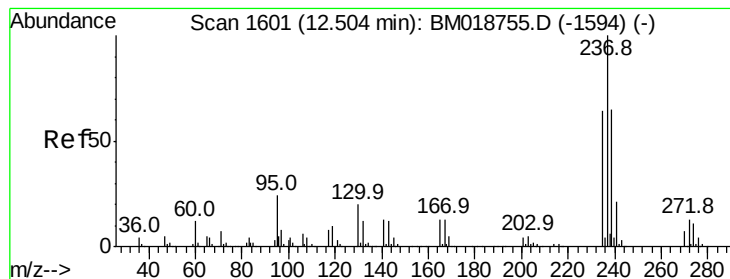
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.994 ng

RT: 12.50 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

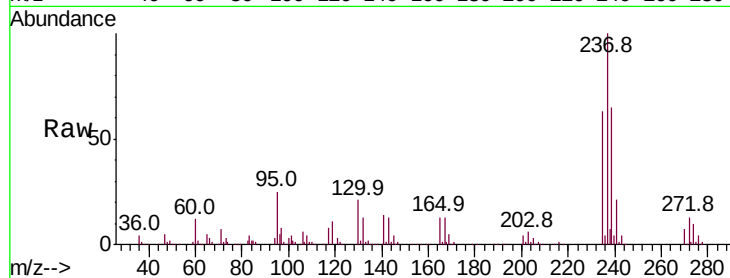
ClientSampleId :

SSTDCCC040

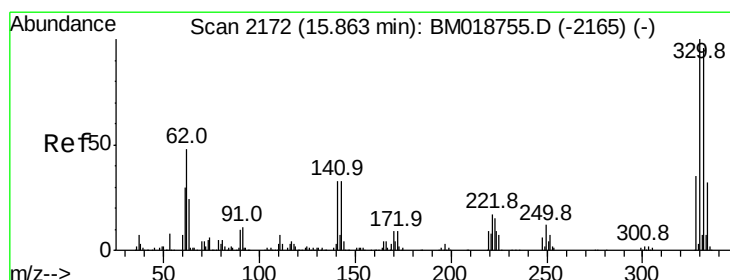
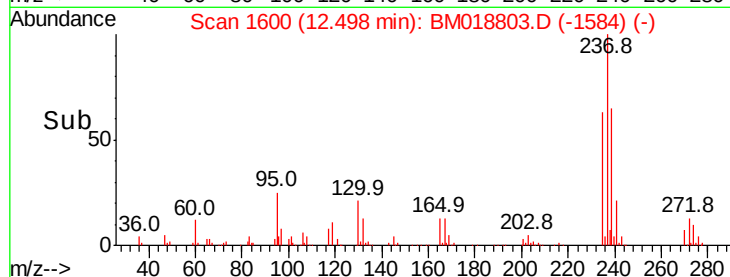
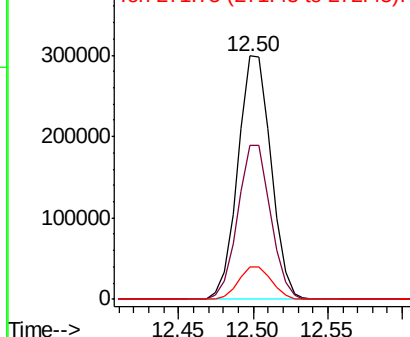
Tot Ion:	237	Resp:	461143
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.7	83.7
272	13.2	0.0	33.3

Manual Integrations
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2/14/2019 1:50:31 PM



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: 82.816 ng

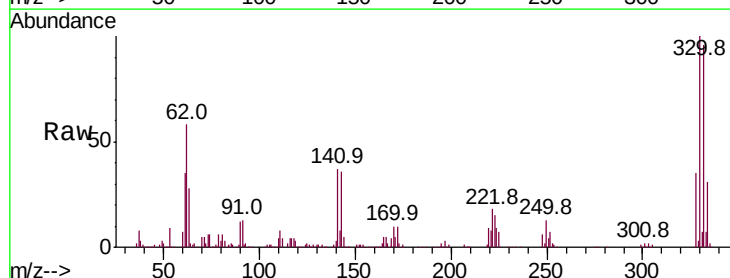
RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

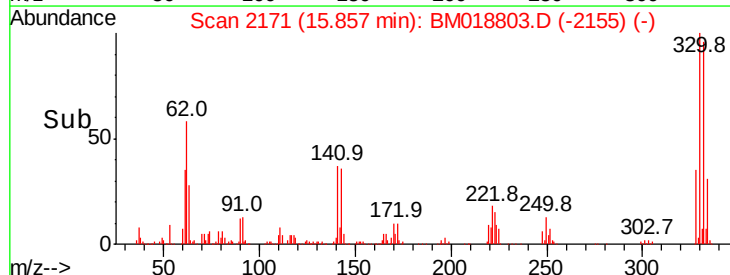
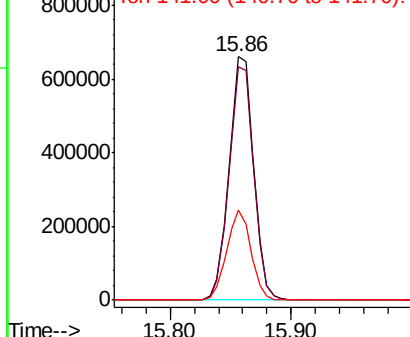
Lab File: BM018803.D

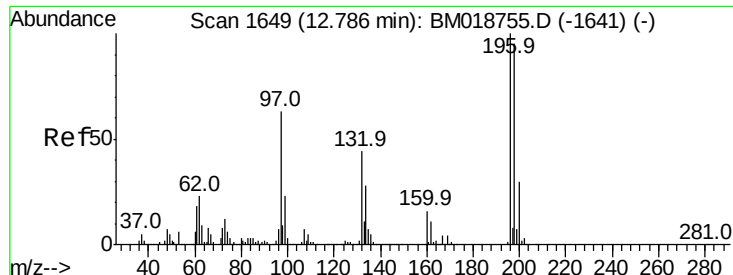
Acq: 13 Feb 2019 14:50

Tgt Ion:	330	Resp:	935141
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.9	115.3
141	36.4	28.7	43.1



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





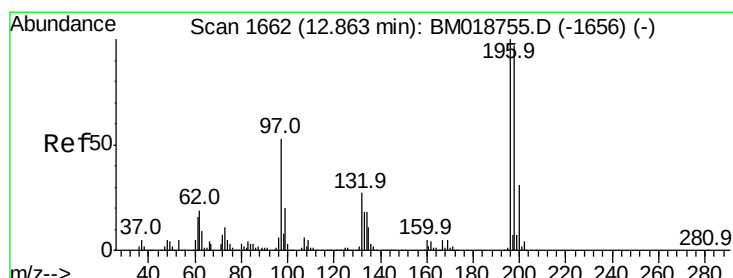
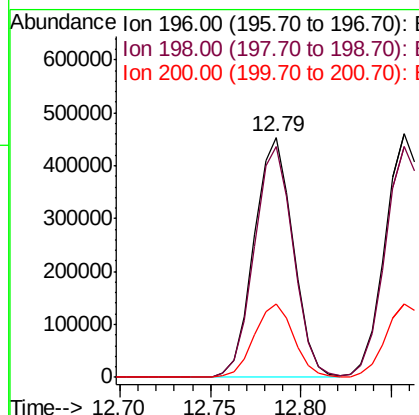
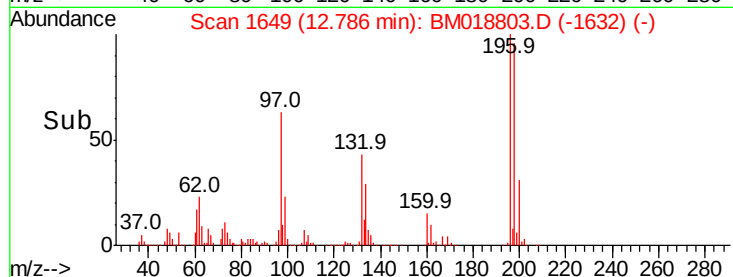
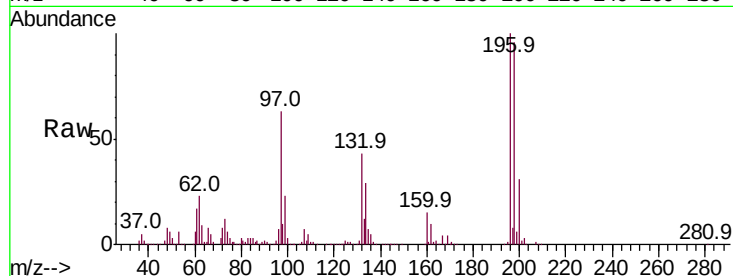
#43
 2,4,6-Trichlorophenol
 Concen: 40.870 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:	196	Resp:	677985
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.2	114.2
200	30.7	24.2	36.2

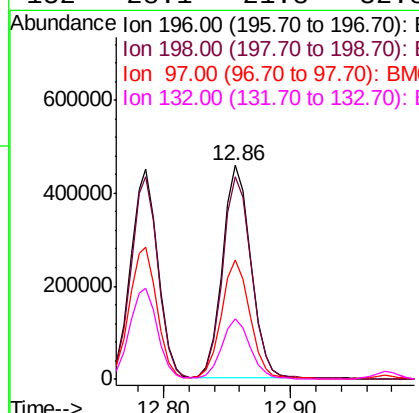
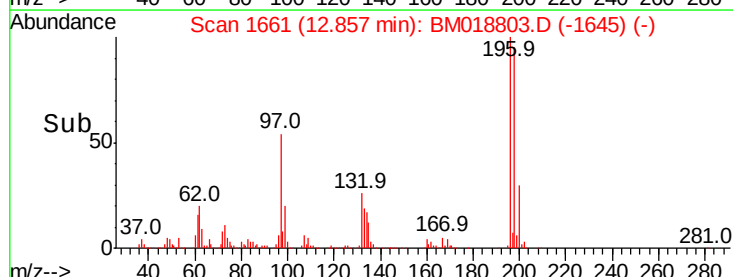
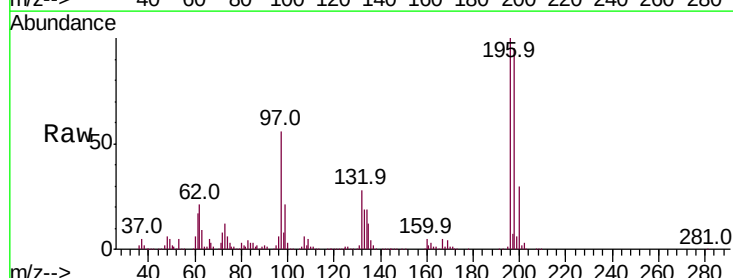
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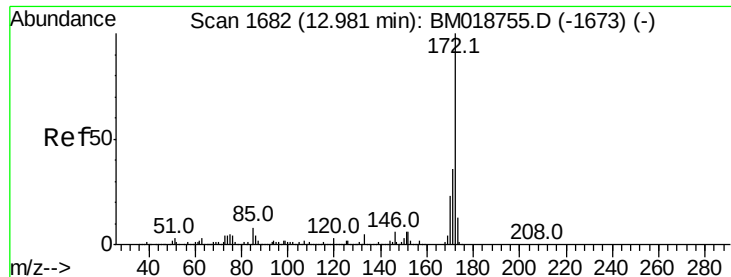
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 41.222 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Tgt Ion:	196	Resp:	716743
Ion Ratio	Lower	Upper	
196	100		
198	95.0	77.6	116.4
97	56.0	42.8	64.2
132	28.1	21.8	32.8





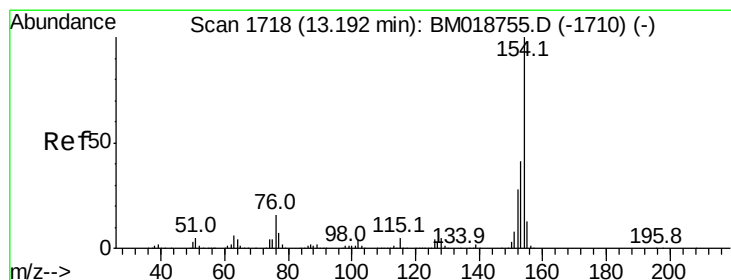
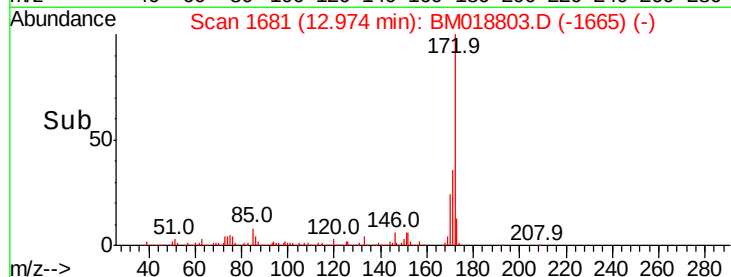
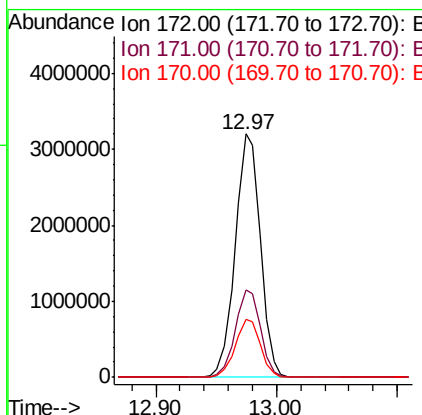
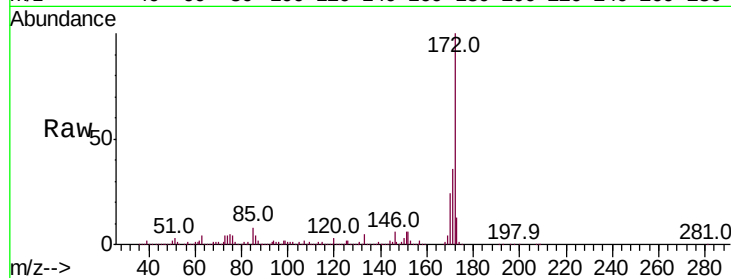
#45
2-Fluorobiphenyl
Concen: 78.588 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 4637512
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.6
170 23.9 18.6 28.0

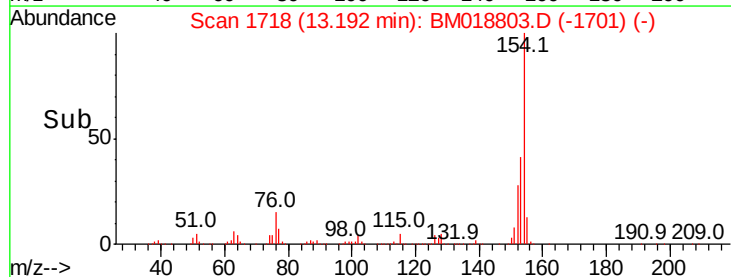
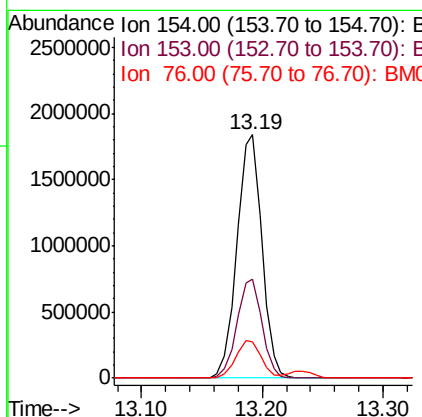
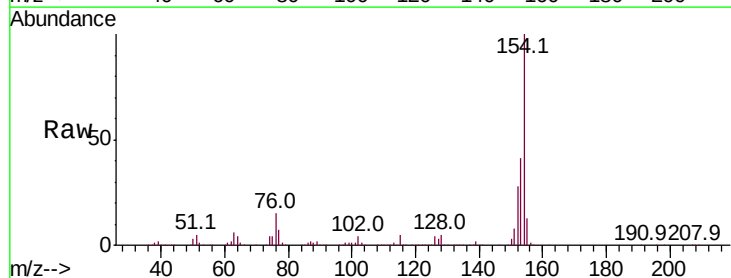
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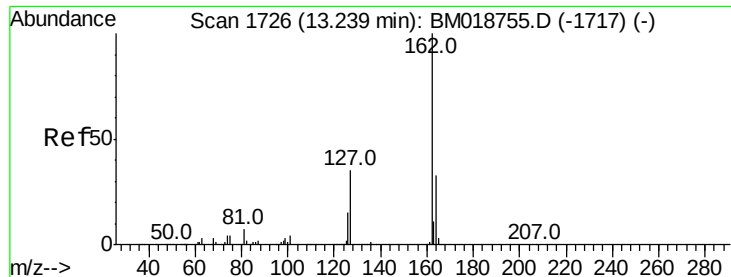
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#46
1,1'-Biphenyl
Concen: 39.360 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion:154 Resp: 2654056
Ion Ratio Lower Upper
154 100
153 40.8 21.1 61.1
76 15.0 0.0 35.7





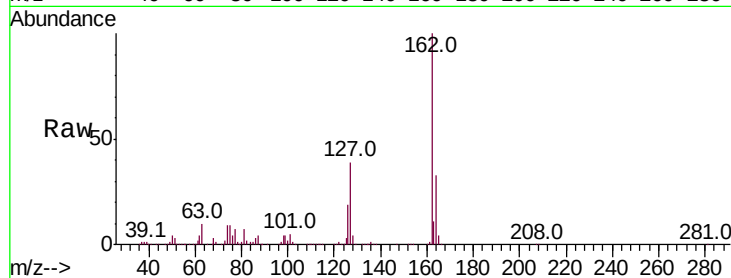
#47
2-Chloronaphthalene
Concen: 39.730 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

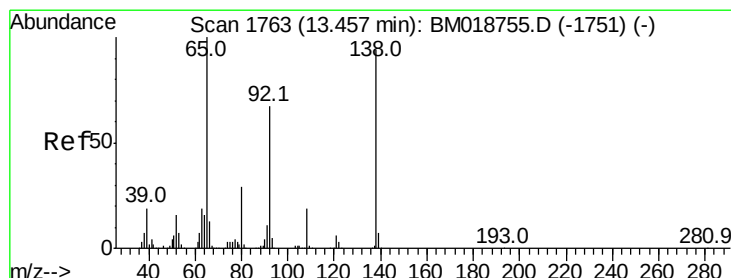
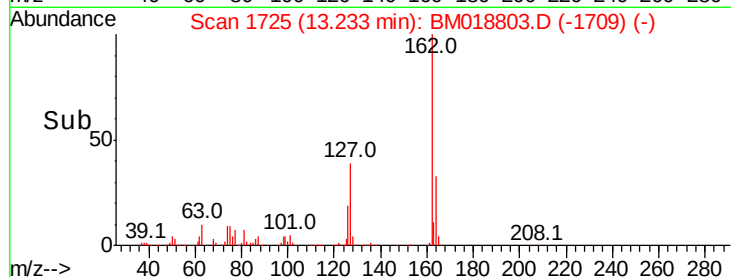
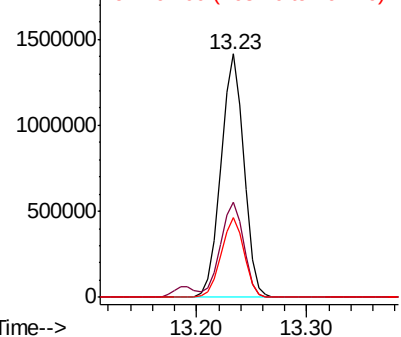
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.1	46.7
164	32.5	26.4	39.6

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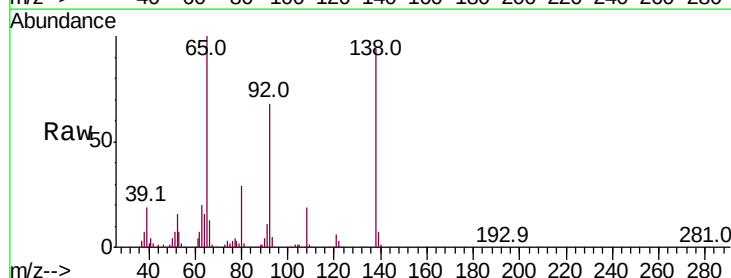


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

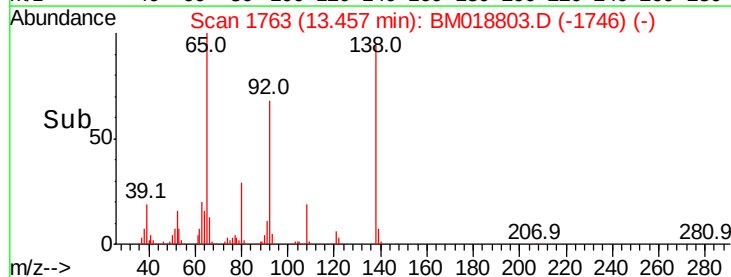
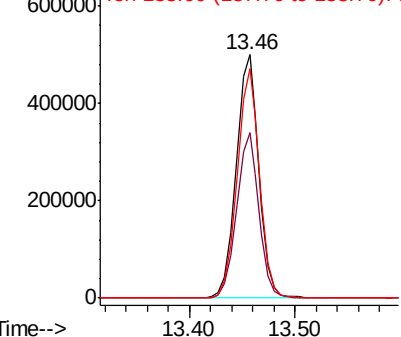


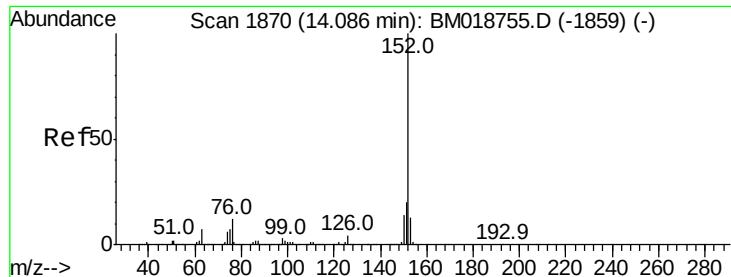
#48
2-Nitroaniline
Concen: 43.282 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.1	54.0	81.0
138	94.4	74.9	112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.699 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

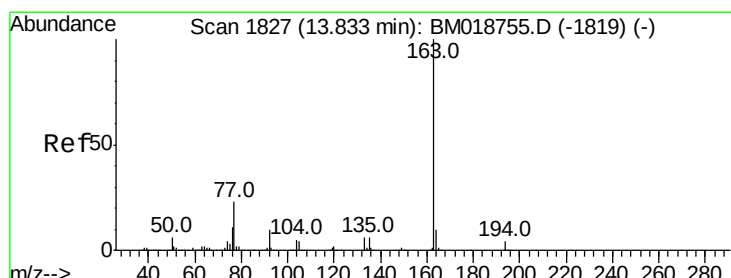
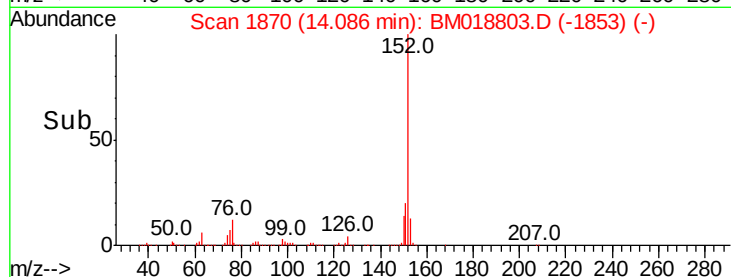
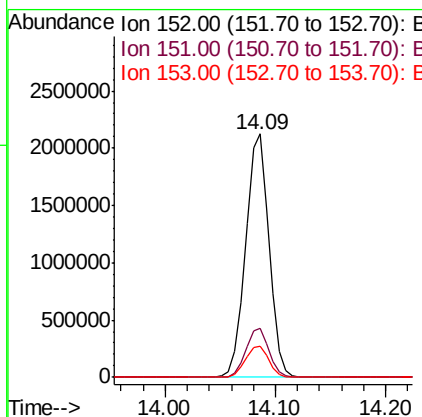
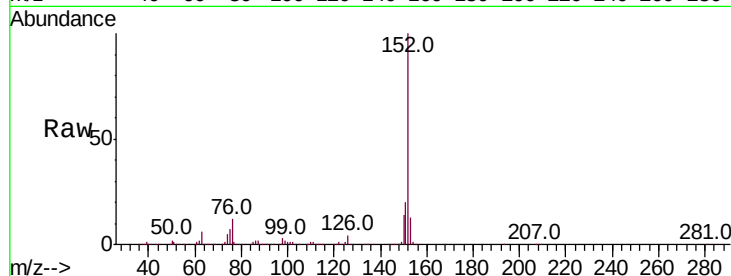
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	3156171
Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.8
153	12.9	10.5	15.7

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#50

Dimethylphthalate

Concen: 40.066 ng

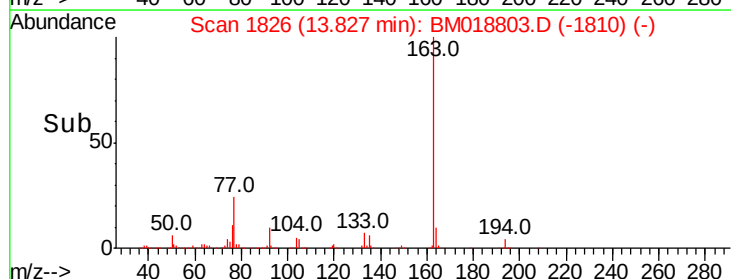
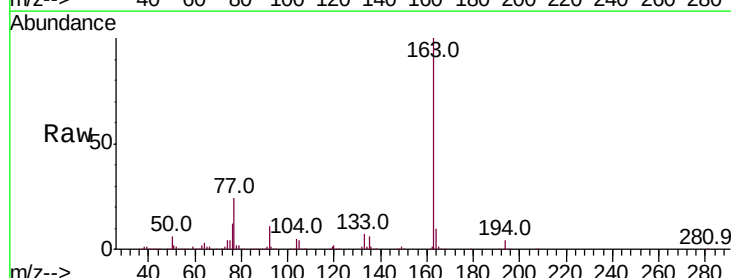
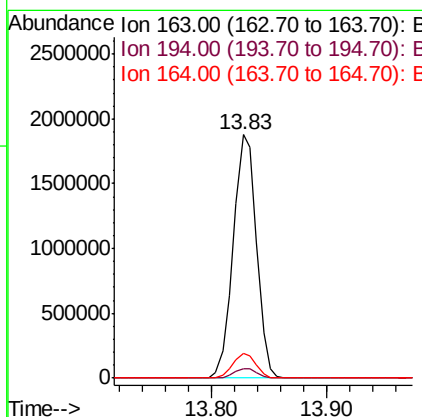
RT: 13.83 min Scan# 1826

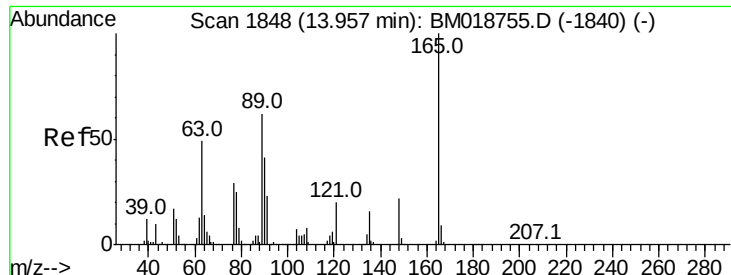
Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion:	163	Resp:	2615665
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 41.473 ng

RT: 13.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

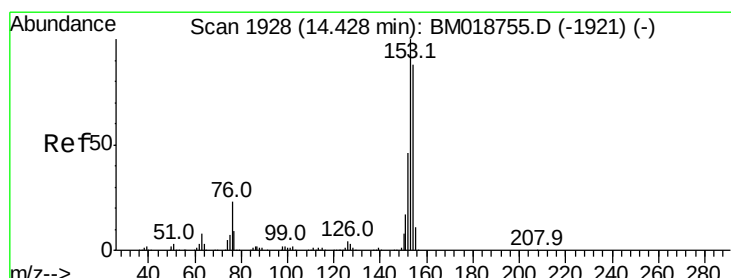
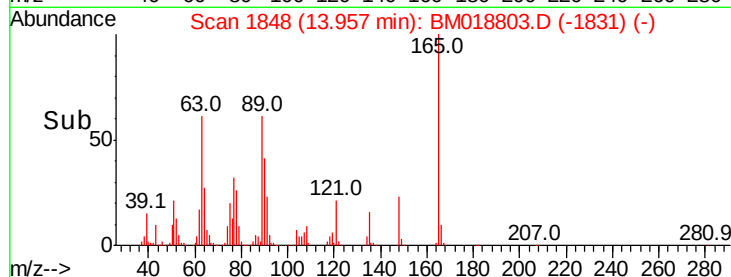
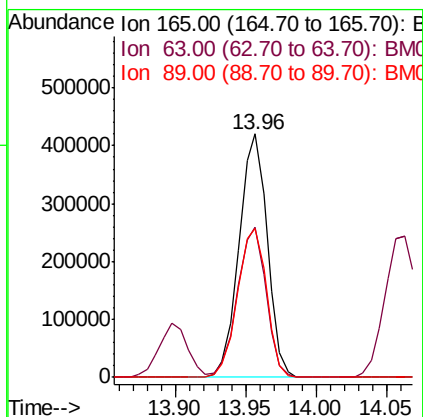
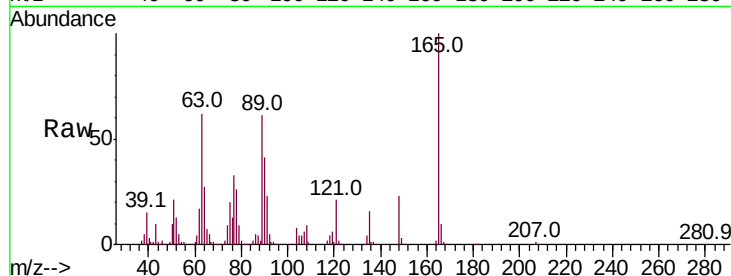
ClientSampled :

SSTDCCC040

Tot Ion:	165	Resp:	586517
Ion Ratio	Lower	Upper	
165	100		
63	61.6	48.9	73.3
89	61.1	49.4	74.0

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#52

Acenaphthene

Concen: 39.708 ng

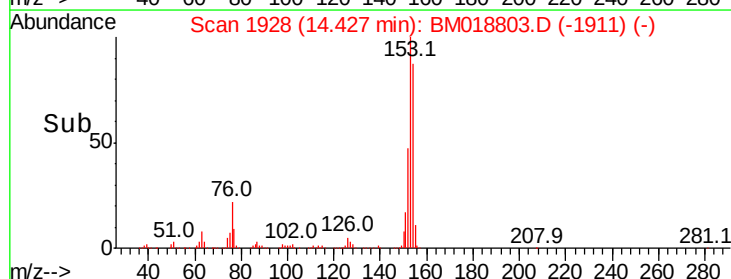
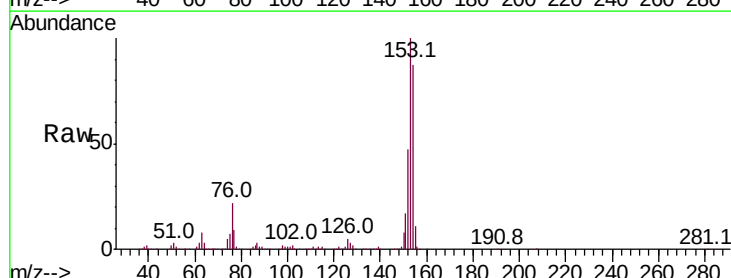
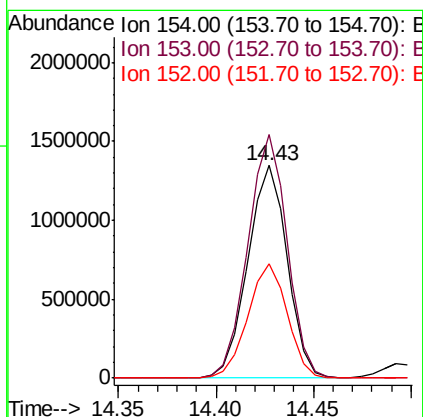
RT: 14.43 min Scan# 1928

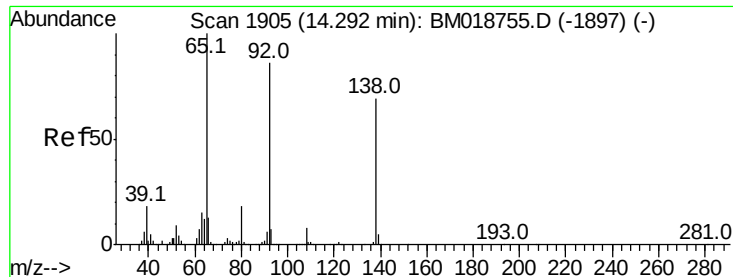
Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion:	154	Resp:	1888173
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.3	136.9
152	53.7	42.2	63.4





#53

3-Nitroaniline

Concen: 40.827 ng

RT: 14.29 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

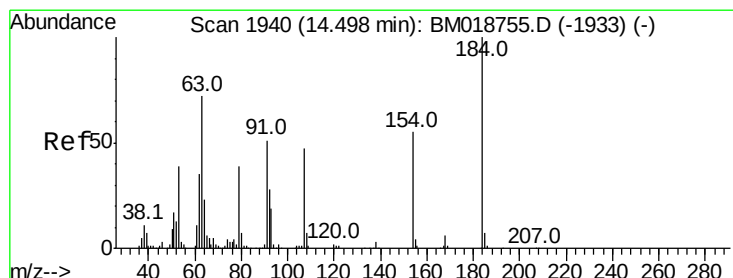
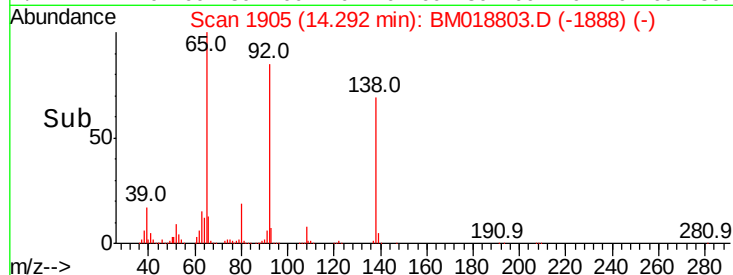
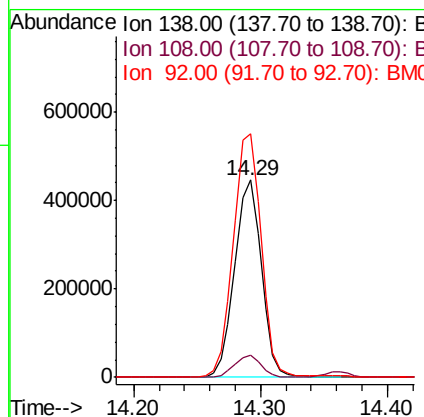
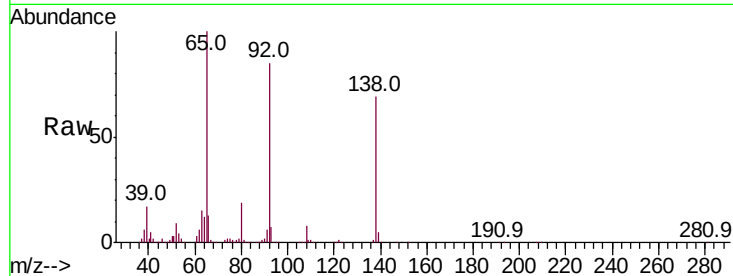
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	123.4	99.7	149.5

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#54

2,4-Dinitrophenol

Concen: 27.666 ng

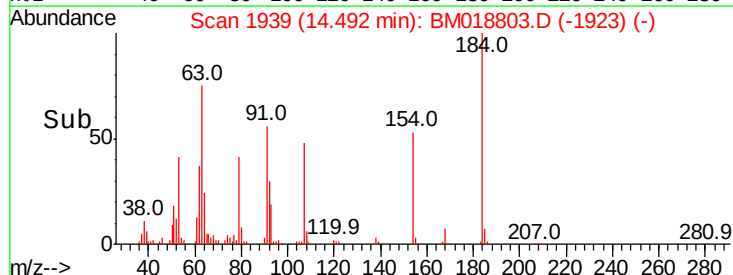
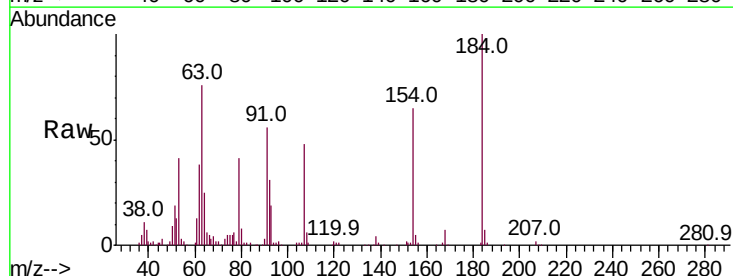
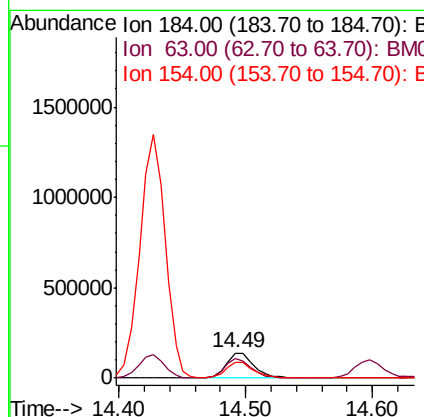
RT: 14.49 min Scan# 1939

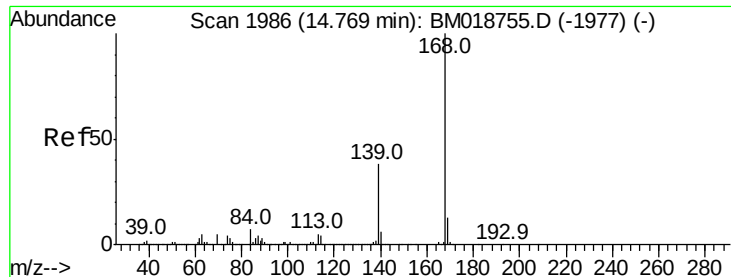
Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.0	58.0	87.0
154	64.6	50.3	75.5





#55

Dibenzofuran

Concen: 40.081 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 3132649

Ion Ratio Lower Upper

168 100

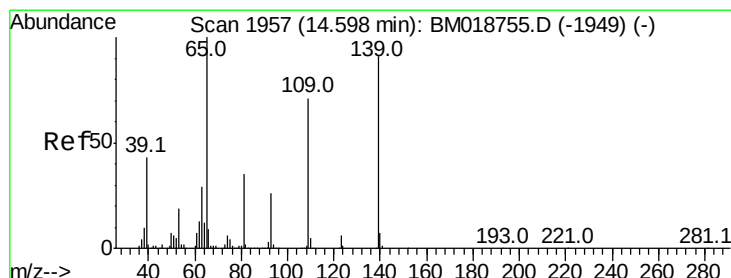
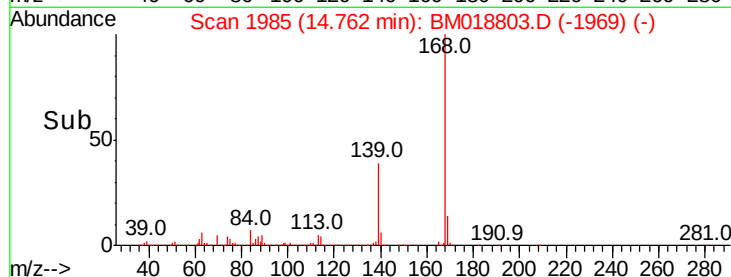
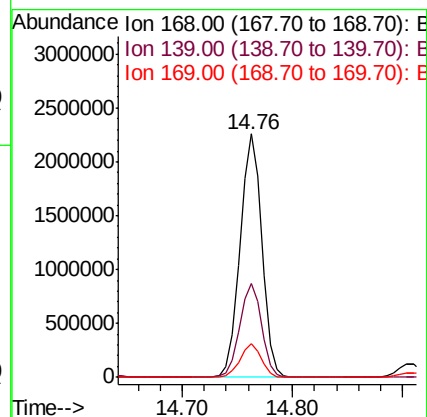
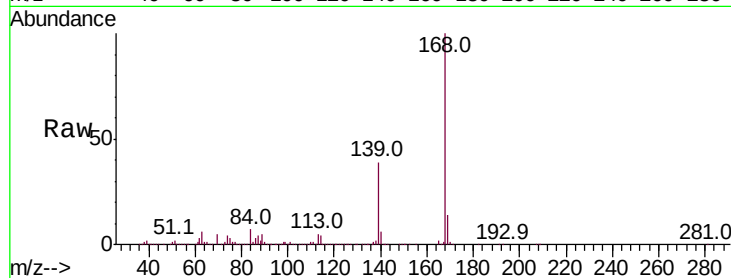
139 38.8 30.7 46.1

169 13.6 10.3 15.5

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#56

4-Nitrophenol

Concen: 38.551 ng

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

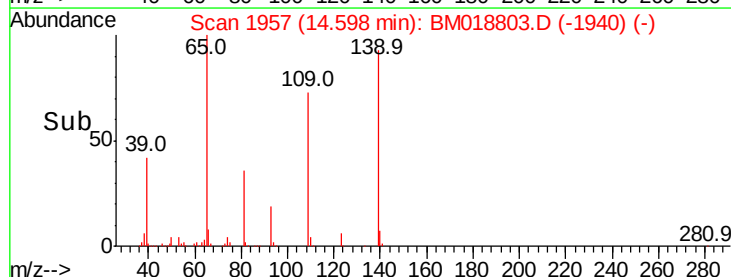
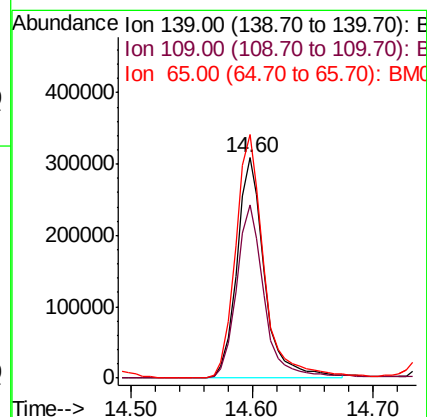
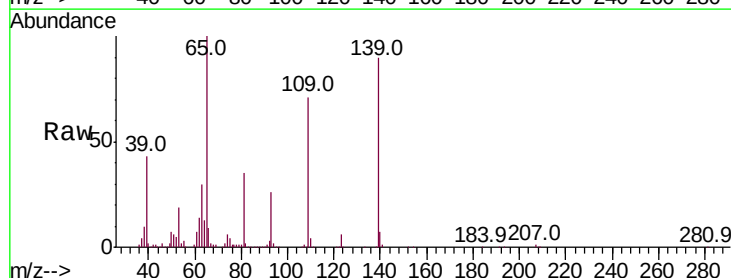
Tgt Ion:139 Resp: 491751

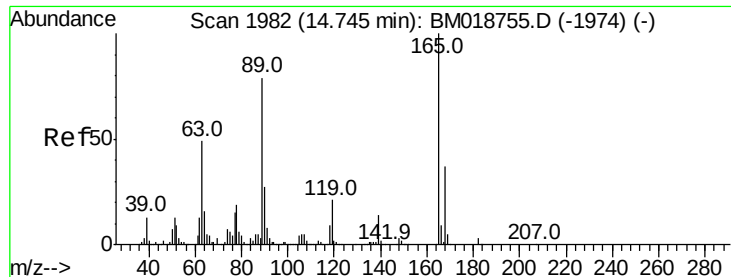
Ion Ratio Lower Upper

139 100

109 78.7 58.4 98.4

65 110.5 89.8 129.8





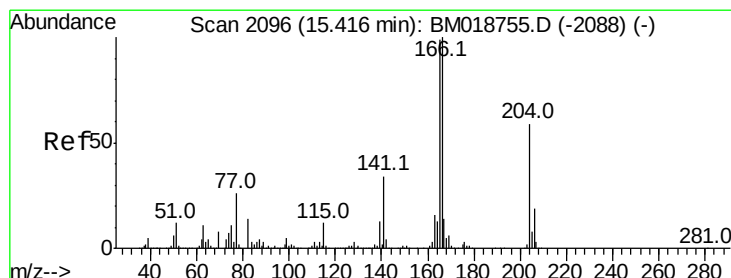
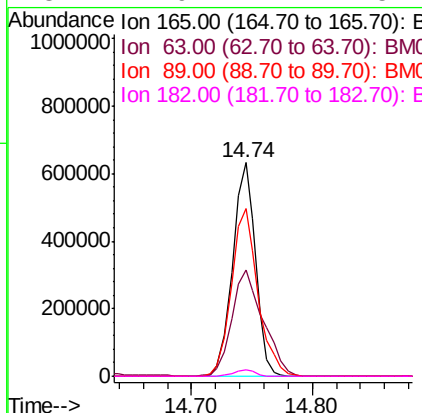
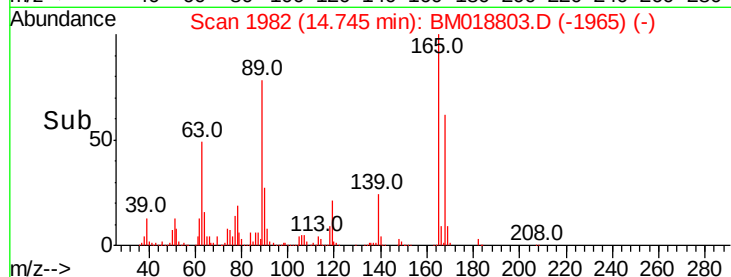
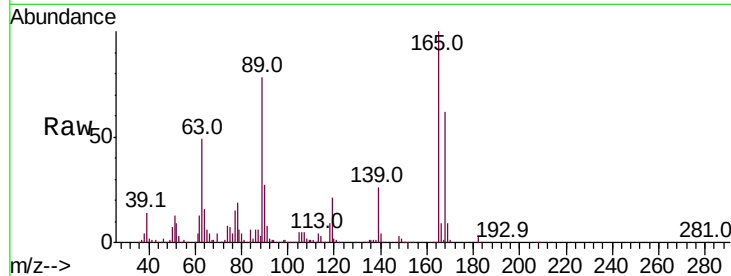
#57
2,4-Dinitrotoluene
Concen: 42.764 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	833250		
63	49.5	39.6	59.4	
89	78.3	63.5	95.3	
182	2.9	2.2	3.4	

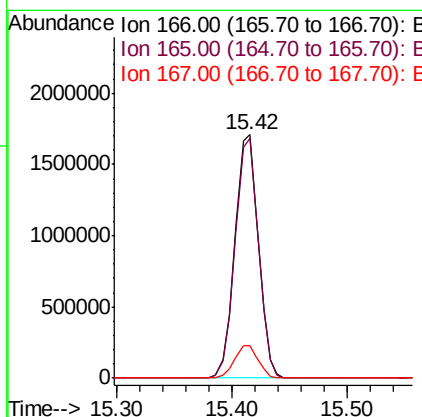
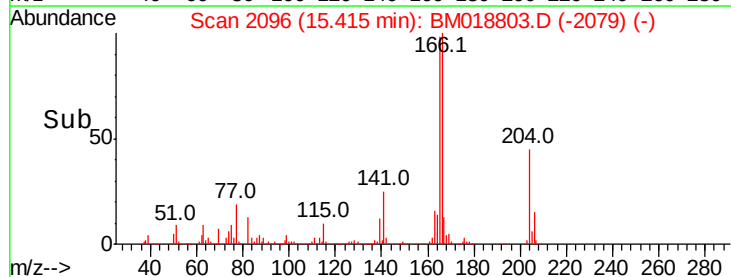
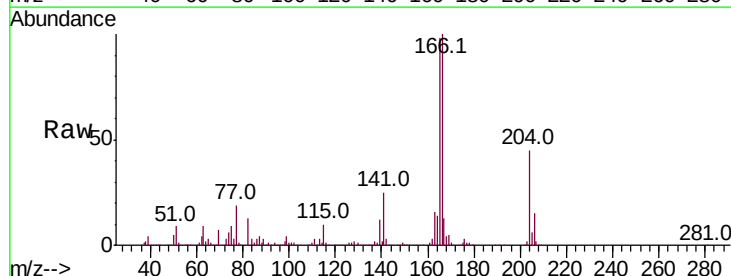
Manual Integrations
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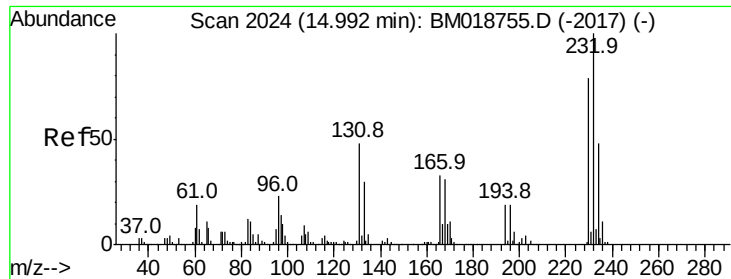
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#58
Fluorene
Concen: 40.213 ng
RT: 15.42 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2404479		
165	98.4	79.1	118.7	
167	13.3	11.0	16.4	





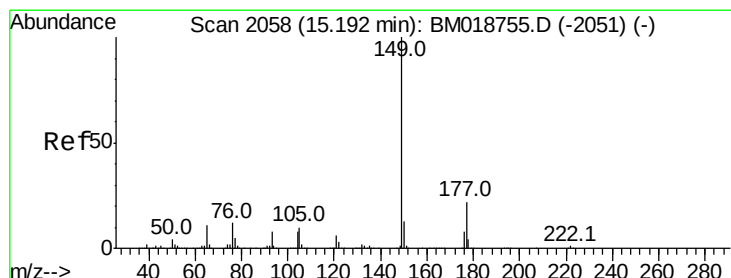
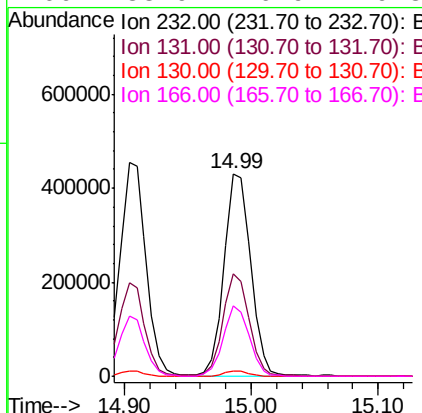
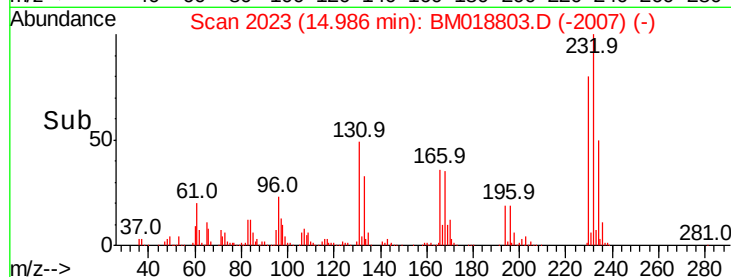
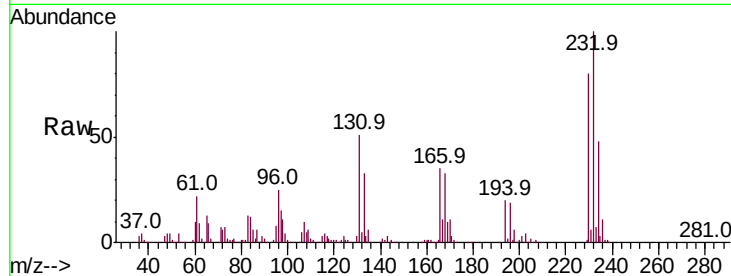
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.568 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.6	38.6	57.8
130	2.6	2.0	3.0
166	33.9	26.9	40.3

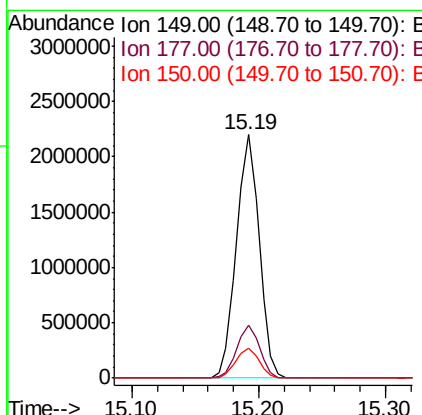
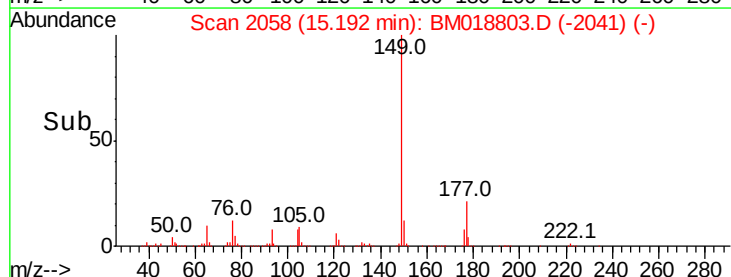
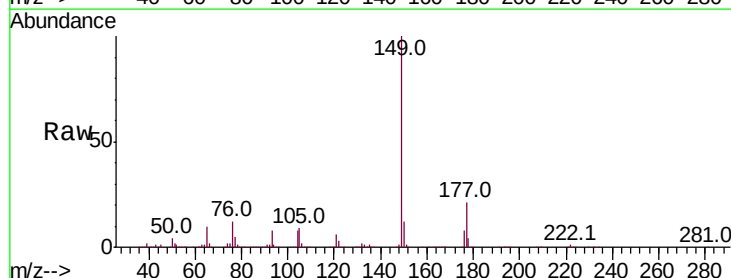
Manual Integrations
APPROVED

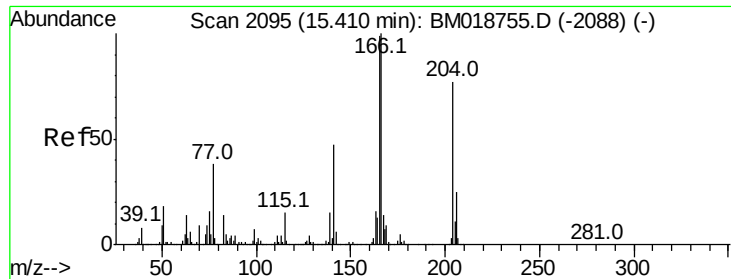
Sohil
2/14/2019 1:50:31 PM



#60
Diethylphthalate
Concen: 40.423 ng
RT: 15.19 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.5	10.2	15.2





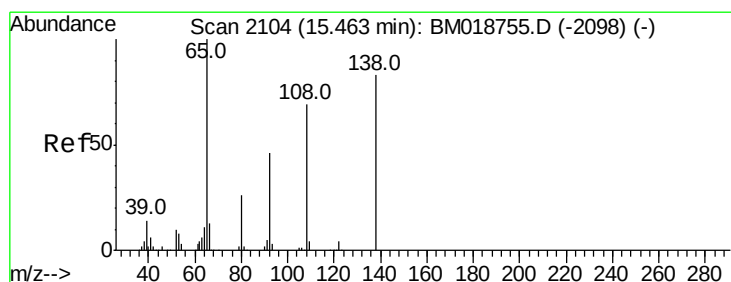
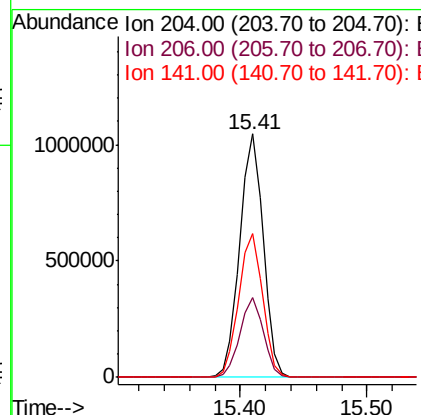
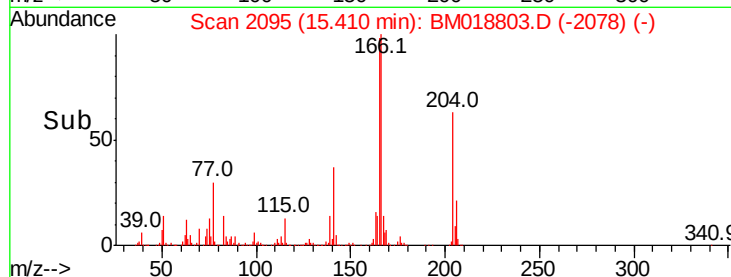
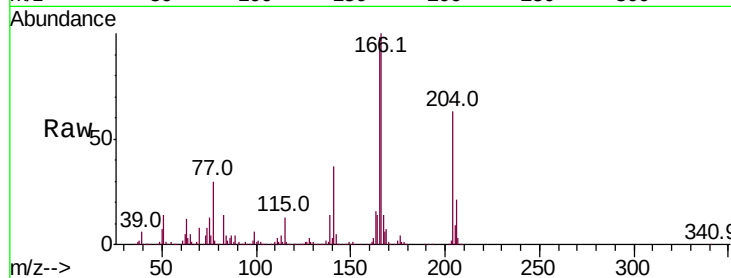
#61
4-Chlorophenyl-phenylether
Concen: 39.864 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	59.3	49.2	73.8

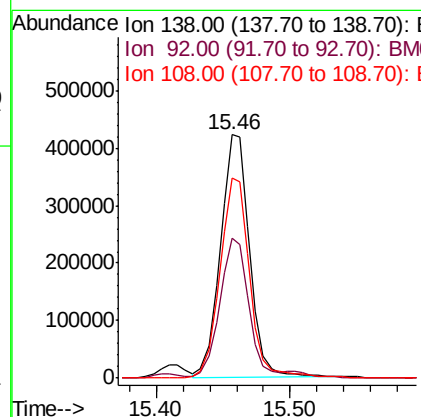
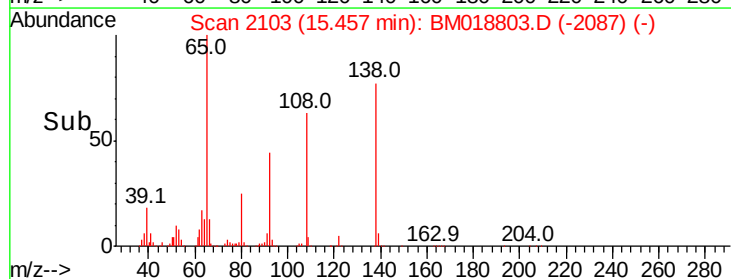
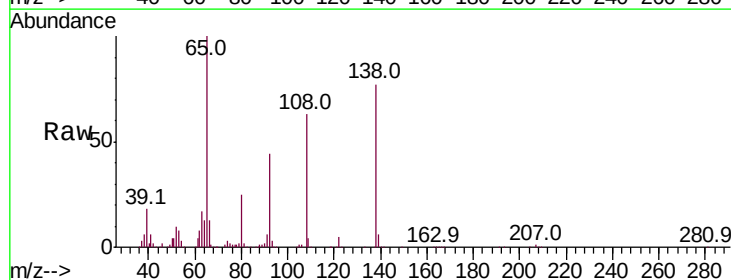
Manual Integrations
APPROVED

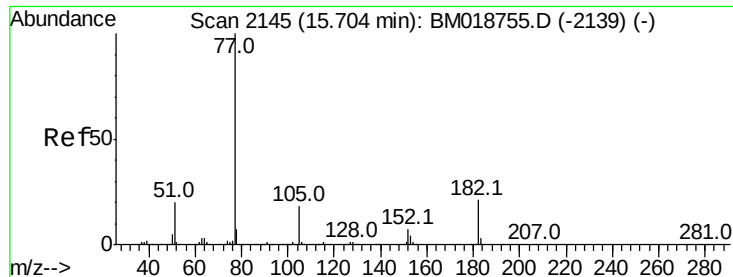
Sohil
2/14/2019 1:50:31 PM



#62
4-Nitroaniline
Concen: 41.225 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	35.5	75.5
108	82.2	62.4	102.4





#63

Azobenzene

Concen: 41.649 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 3007314

Ion Ratio Lower Upper

77 100

182 21.7 1.0 41.0

105 18.0 0.0 37.7

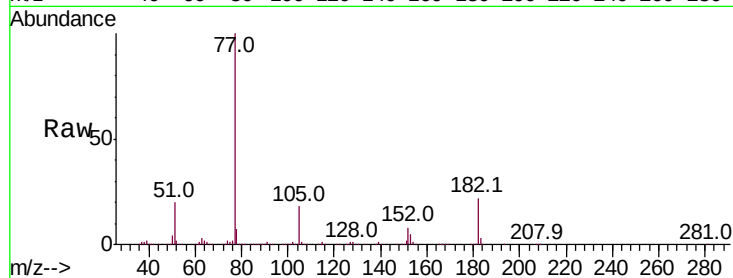
51 20.0 0.3 40.3

Manual Integrations

APPROVED

Sohil

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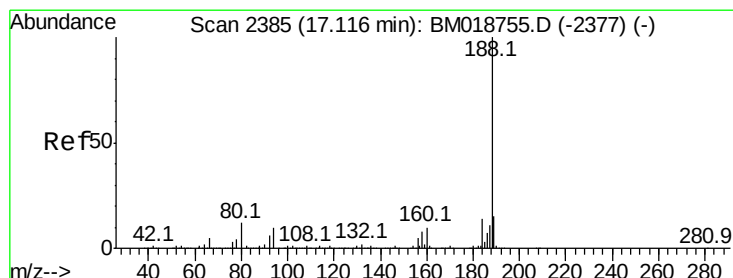
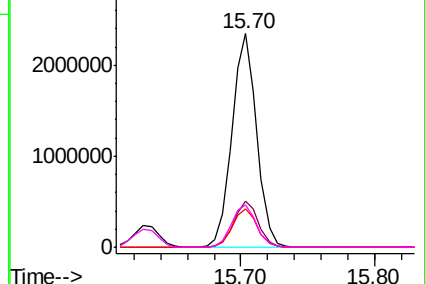
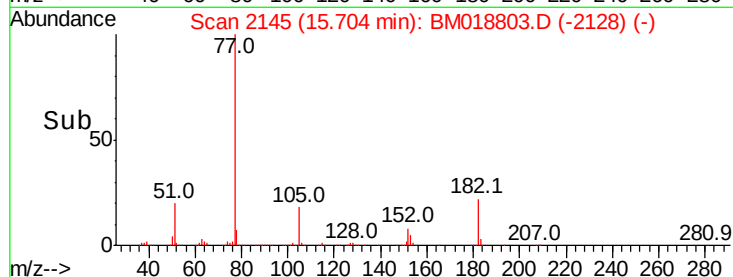


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

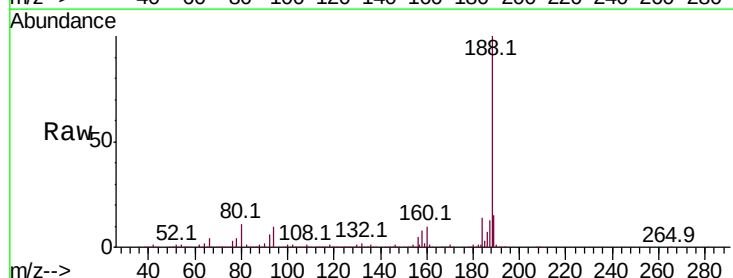
Tgt Ion: 188 Resp: 1824482

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

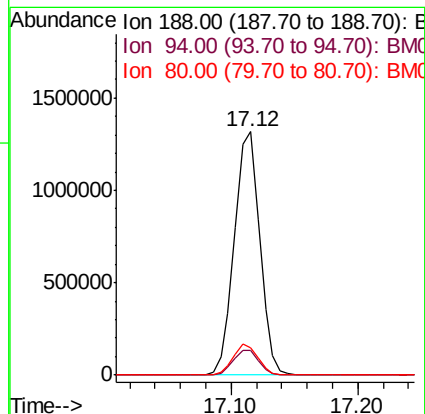
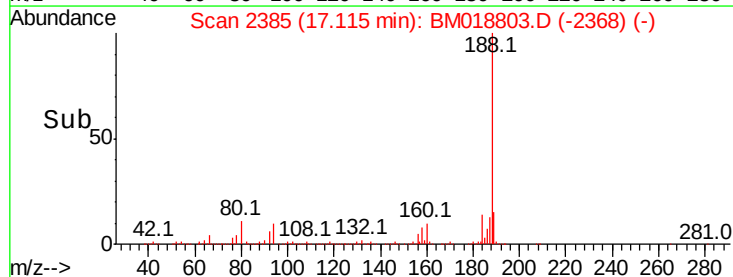
80 11.3 9.7 14.5

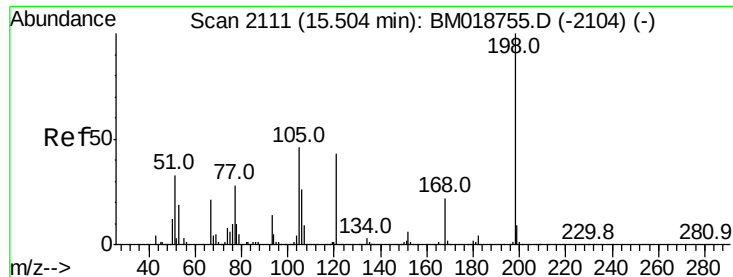


Abundance Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)





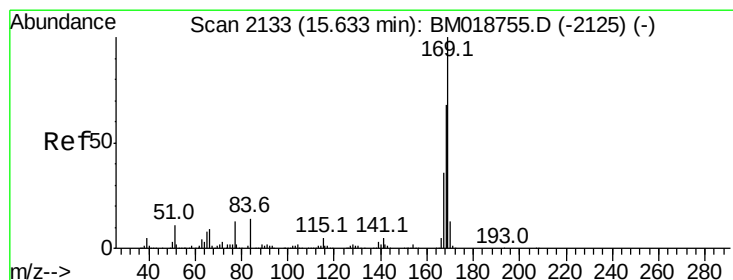
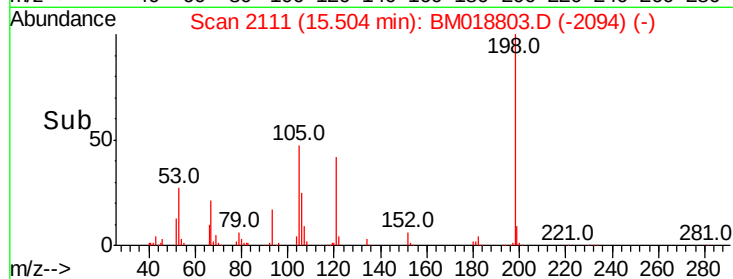
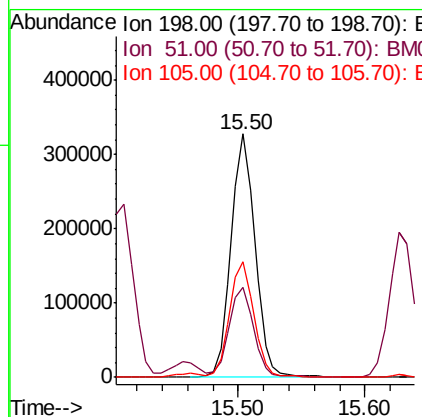
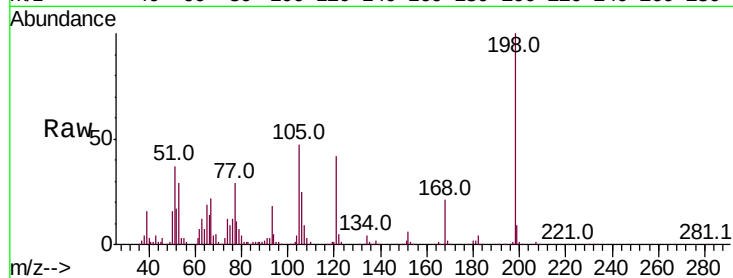
#65
4,6-Dinitro-2-methylphenol
Concen: 33.455 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	428550		
51	36.8	18.4	58.4	
105	47.5	27.2	67.2	

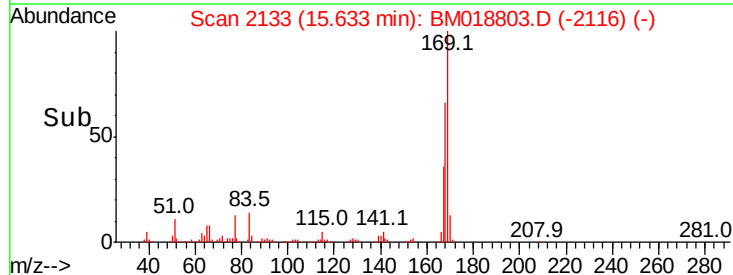
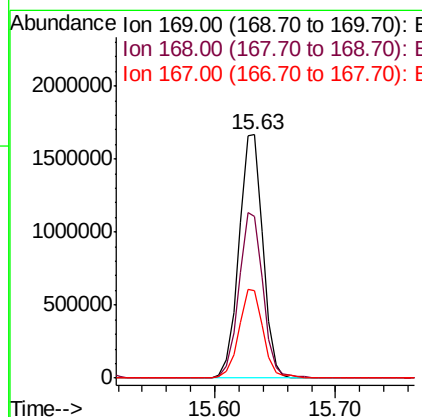
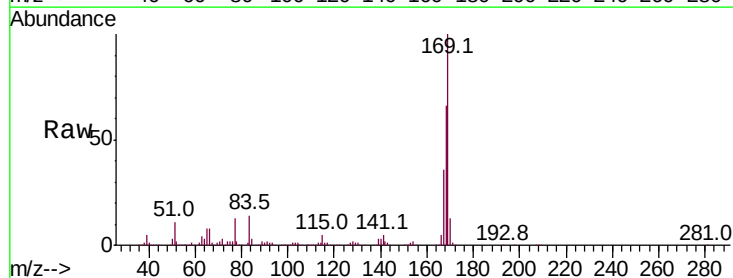
Manual Integrations
APPROVED

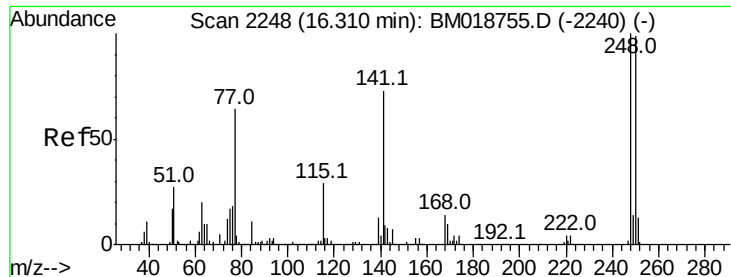
Sohil
2/14/2019 1:50:31 PM



#66
n-Nitrosodiphenylamine
Concen: 39.881 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2298866		
168	66.5	54.4	81.6	
167	35.9	29.0	43.6	





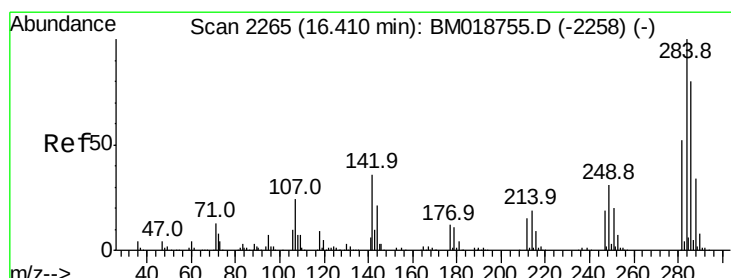
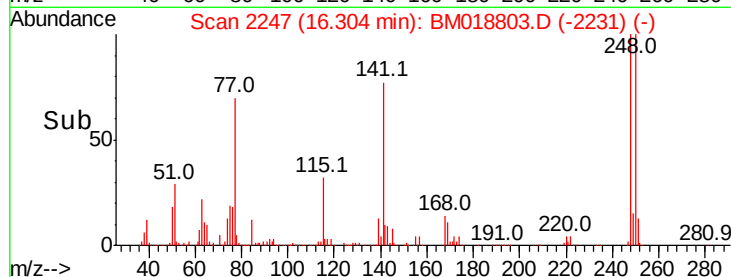
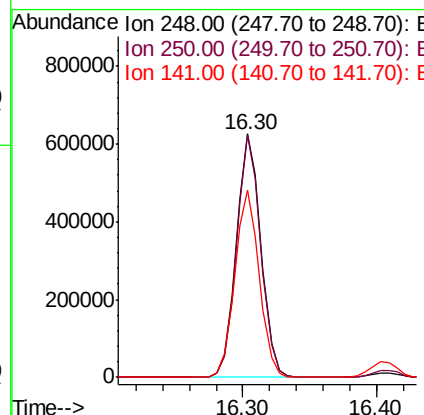
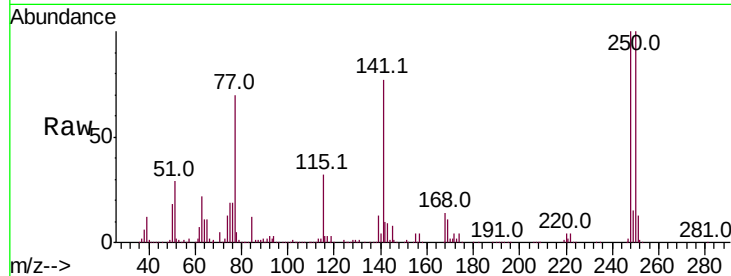
#67
4-Bromophenyl-phenylether
Concen: 39.250 ng
RT: 16.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.5	79.0	118.6
141	77.0	58.6	88.0

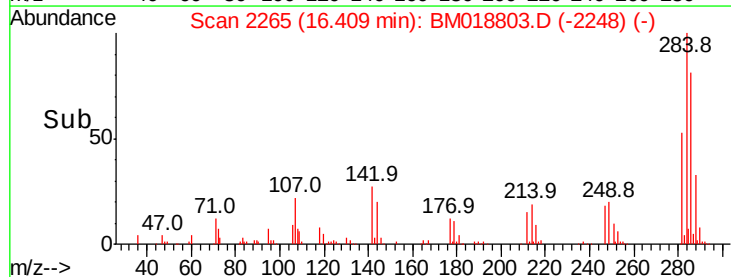
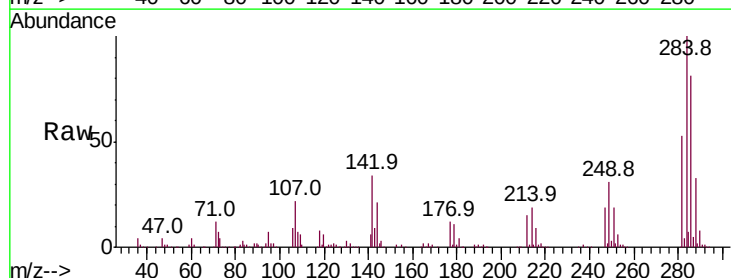
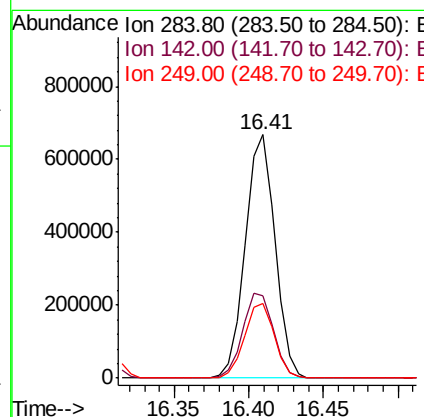
Manual Integrations
APPROVED

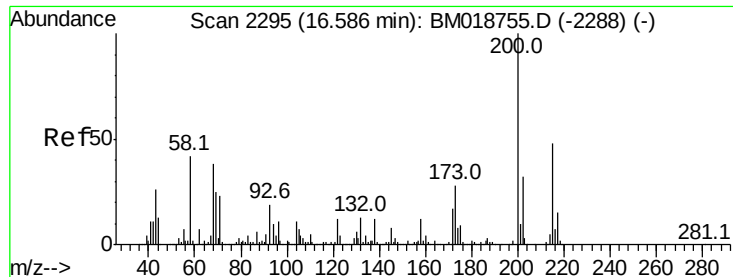
Sohil
2/14/2019 1:50:31 PM



#68
Hexachlorobenzene
Concen: 38.769 ng
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	28.9	43.3
249	30.8	24.8	37.2





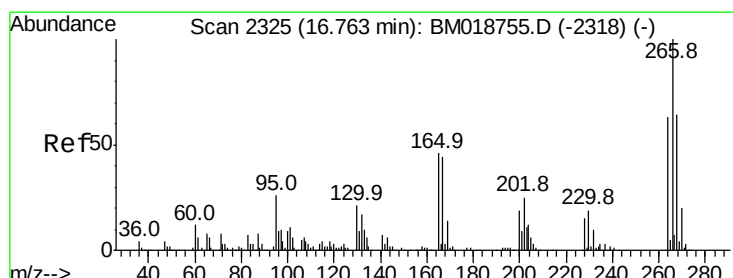
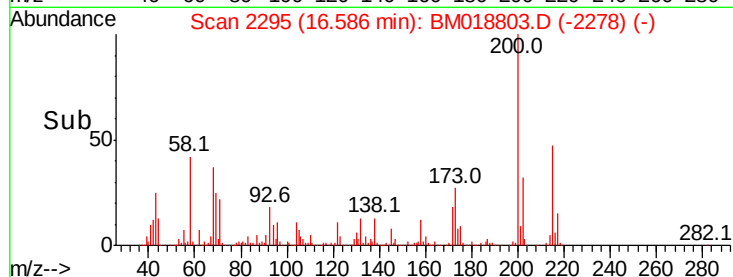
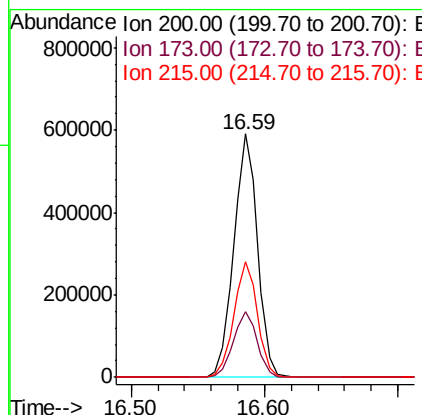
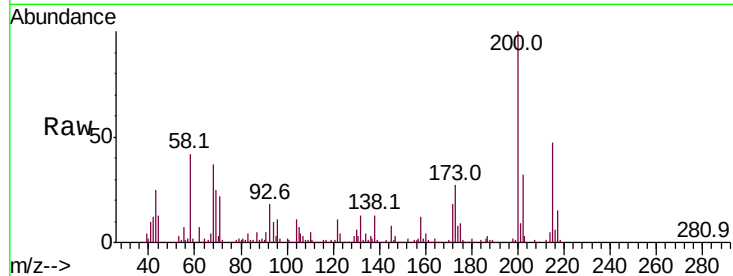
#69
Atrazine
Concen: 39.477 ng
RT: 16.59 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.6	47.6
215	47.4	27.6	67.6

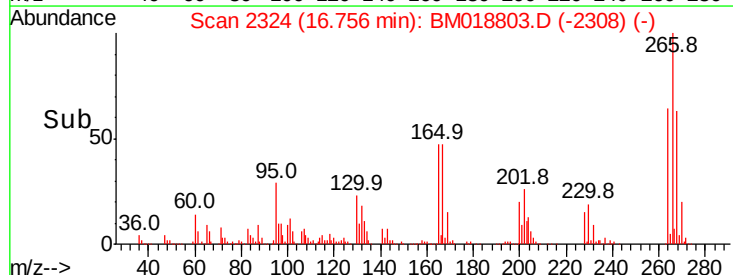
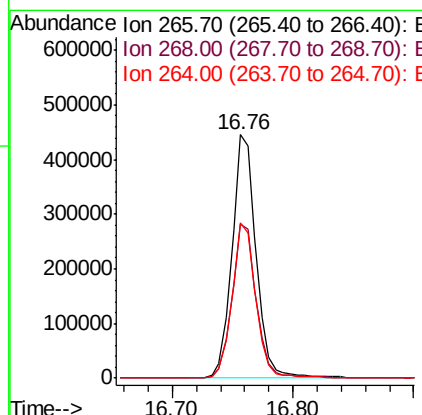
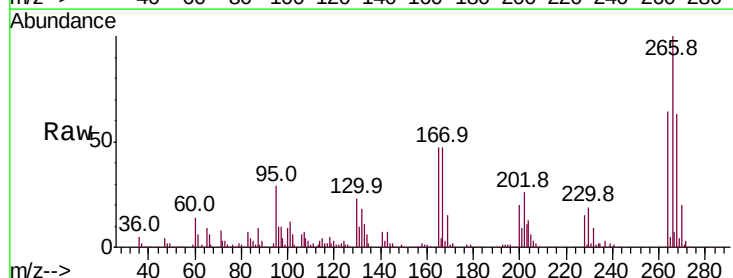
Manual Integrations
APPROVED

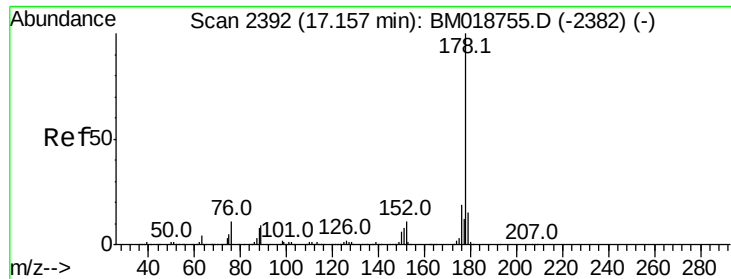
Sohil
2/14/2019 1:50:31 PM



#70
Pentachlorophenol
Concen: 40.417 ng
RT: 16.76 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.3	76.9
264	63.9	50.6	75.8





#71

Phenanthrene

Concen: 39.577 ng

RT: 17.16 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3880572

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

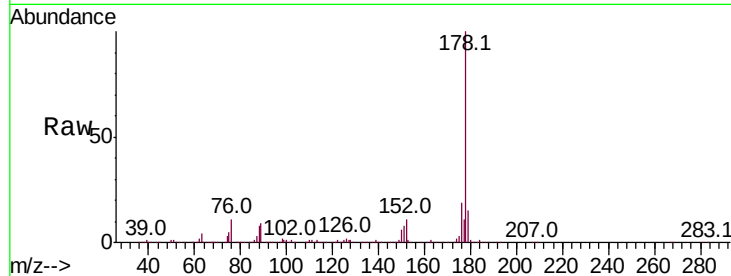
179 15.3 12.3 18.5

Manual Integrations

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Sohil

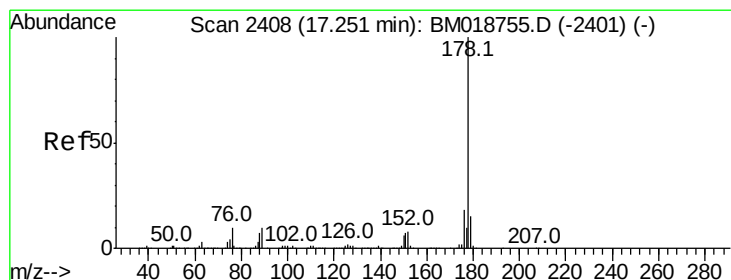
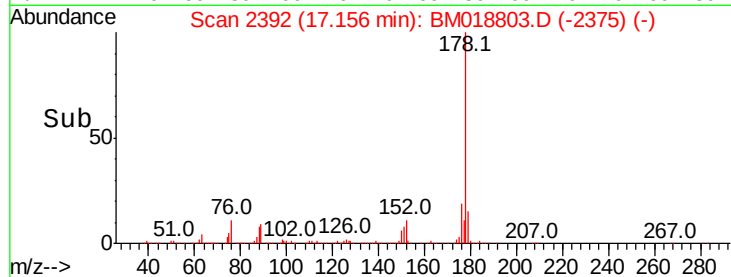
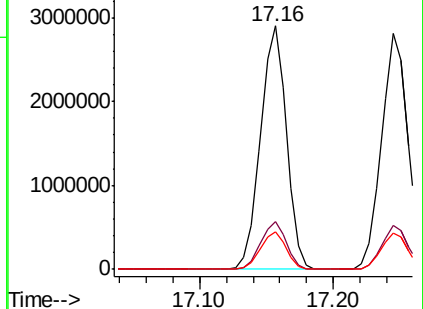
2/14/2019 1:50:31 PM



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: 40.226 ng

RT: 17.24 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion:178 Resp: 3838935

Ion Ratio Lower Upper

178 100

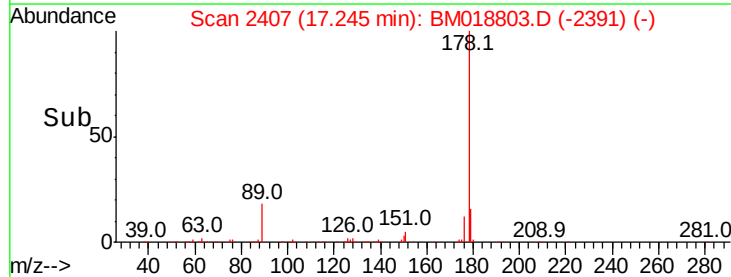
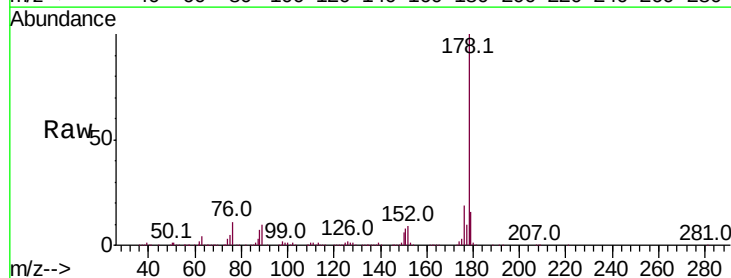
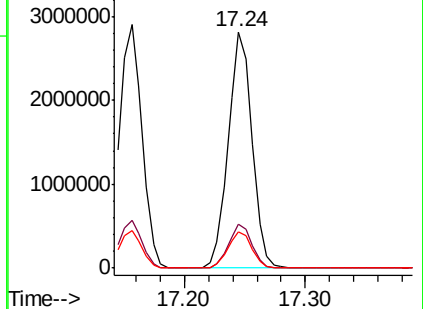
176 18.5 14.8 22.2

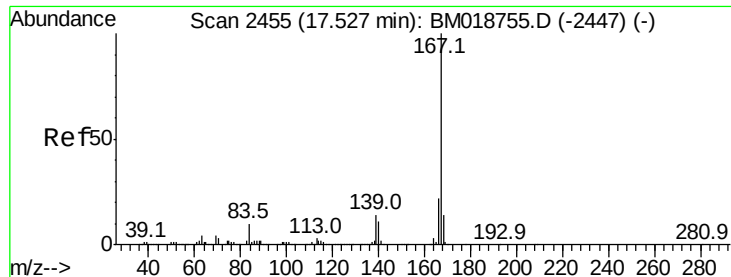
179 15.6 12.1 18.1

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





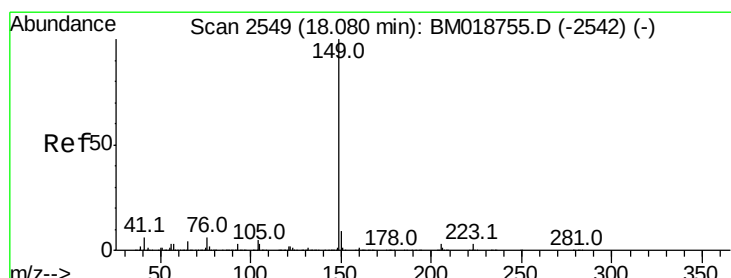
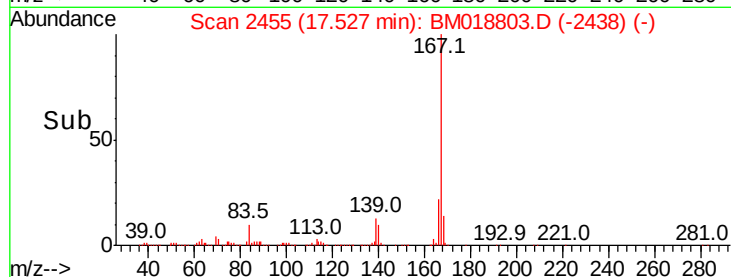
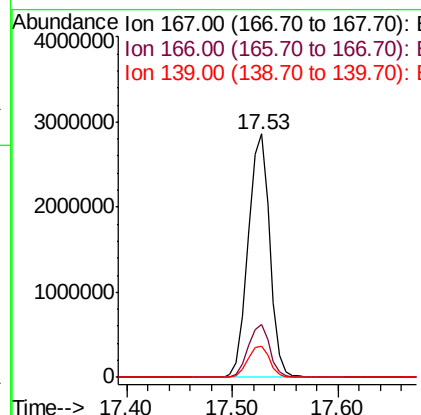
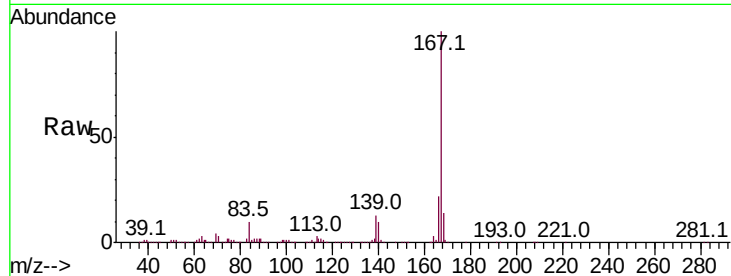
#73
 Carbazole
 Concen: 40.437 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.7	26.5
139	12.9	10.9	16.3

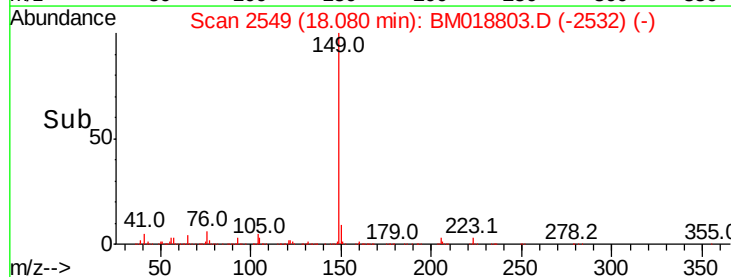
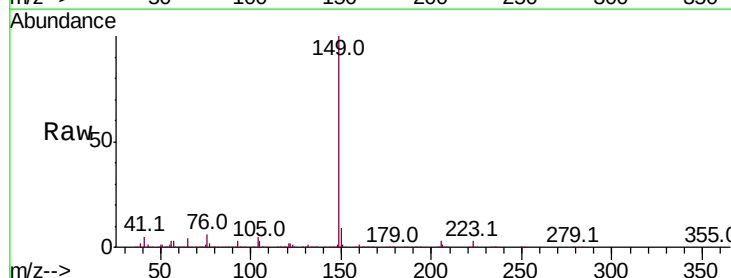
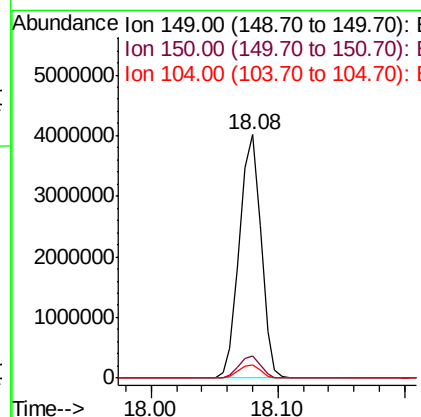
Manual Integrations
 APPROVED

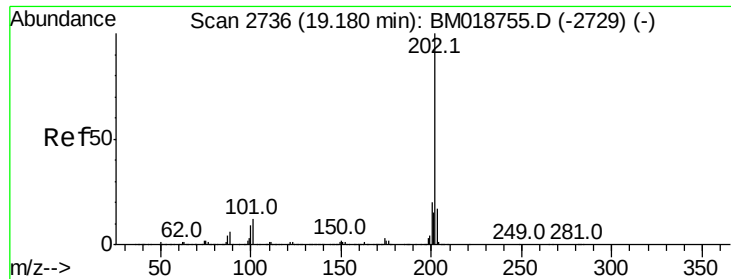
Sohil
 2/14/2019 1:50:31 PM



#74
 Di-n-butylphthalate
 Concen: 41.085 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.3	4.3	6.5





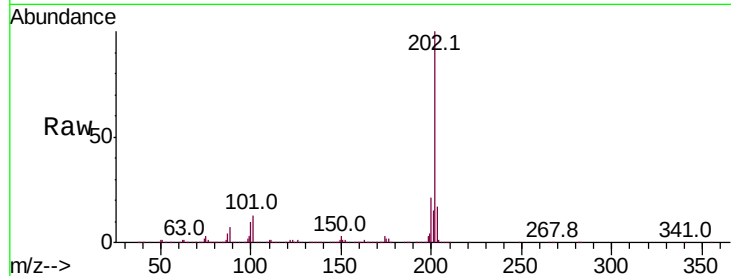
#75
 Fluoranthene
 Concen: 40.067 ng
 RT: 19.17 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	17.5	0.0	37.3

Manual Integrations
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Sohil
 2/14/2019 1:50:31 PM

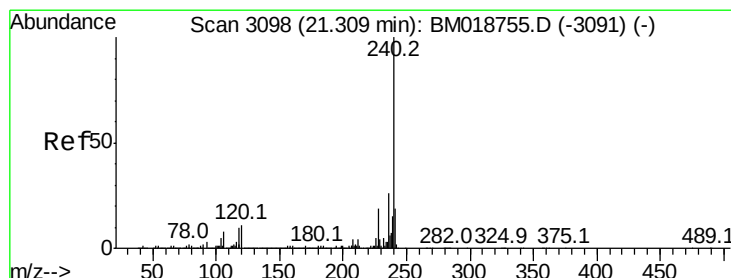
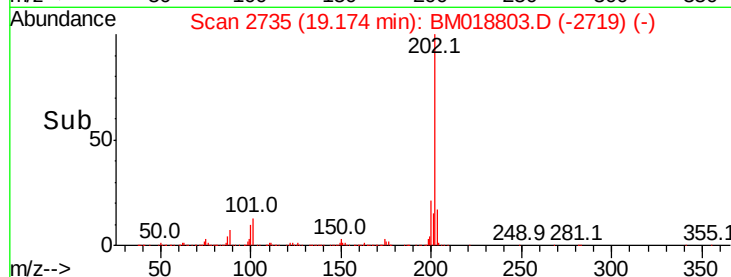
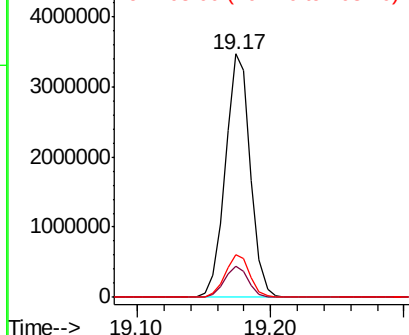


Abundance

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: 21.31 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

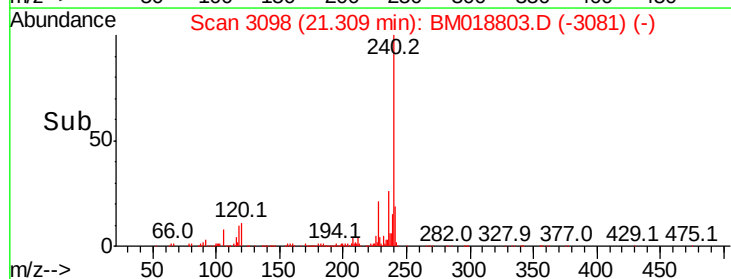
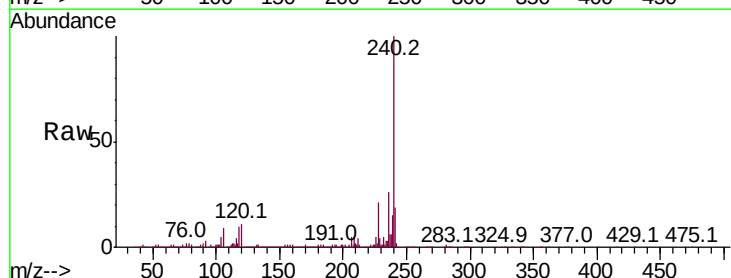
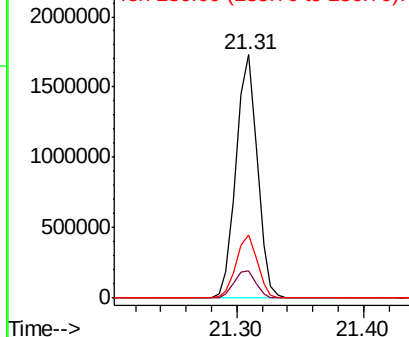
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	26.0	20.9	31.3

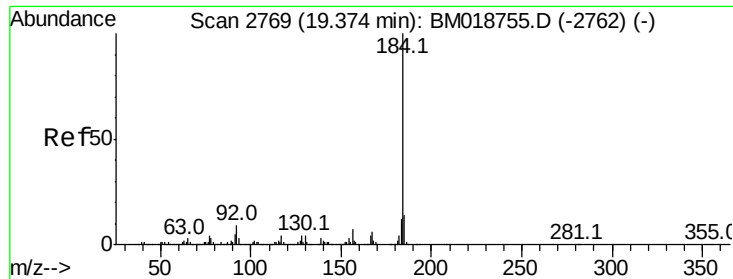
Abundance

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: 41.943 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 1886597

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.2	16.8
183	12.4	9.7	14.5

184 100

185 14.1 11.2 16.8

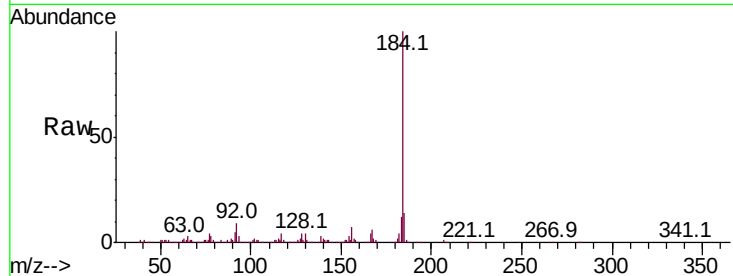
183 12.4 9.7 14.5

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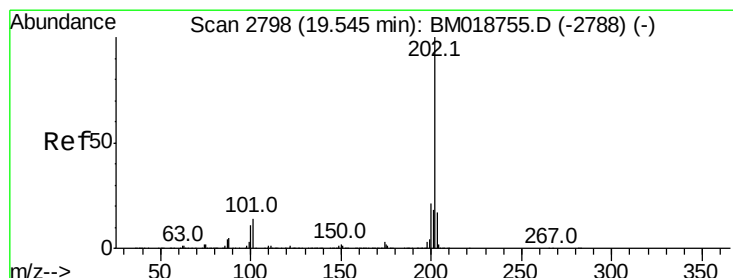
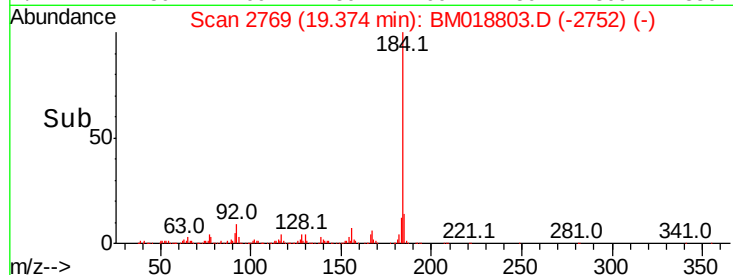
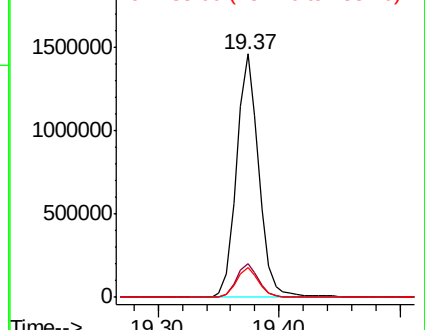


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.255 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

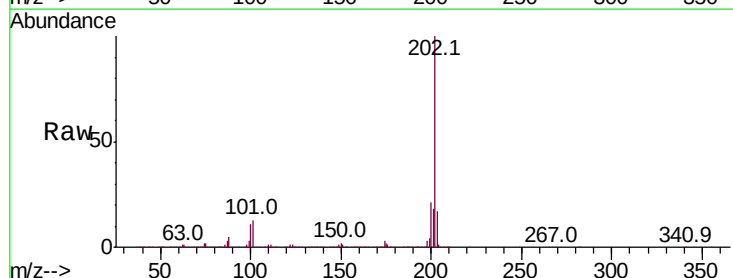
Tgt Ion:202 Resp: 4785379

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.2	13.8	20.8

202 100

200 20.8 16.9 25.3

203 17.2 13.8 20.8

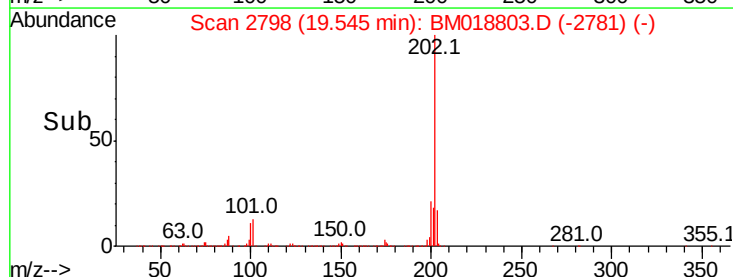
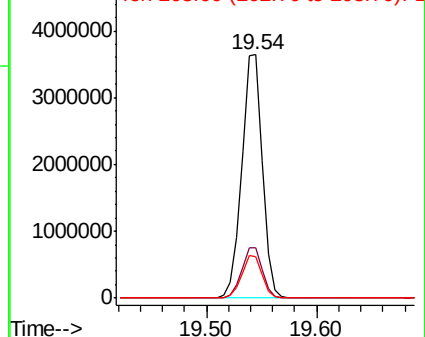


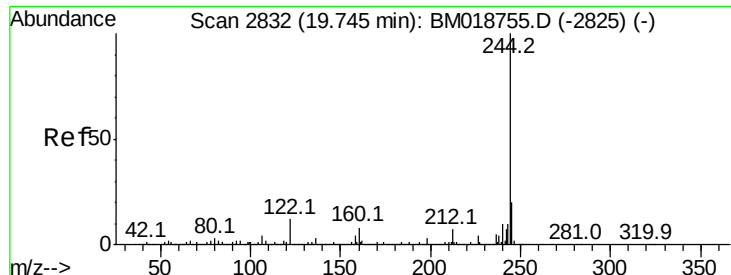
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





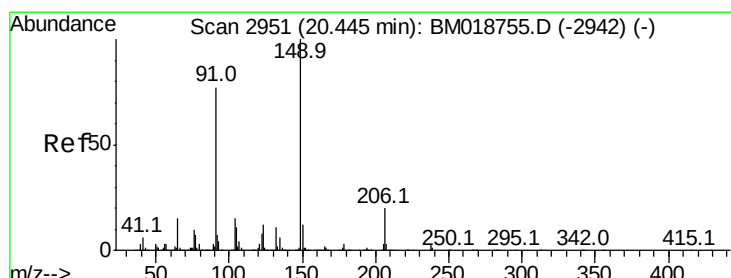
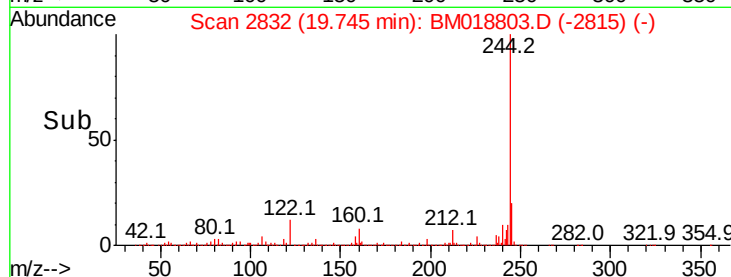
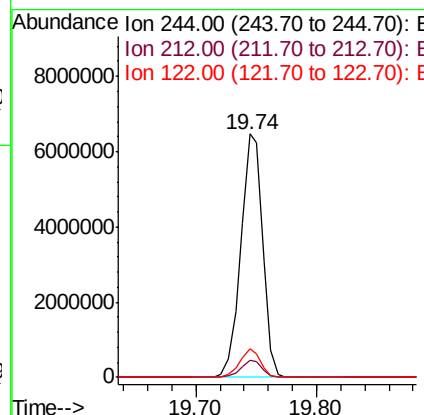
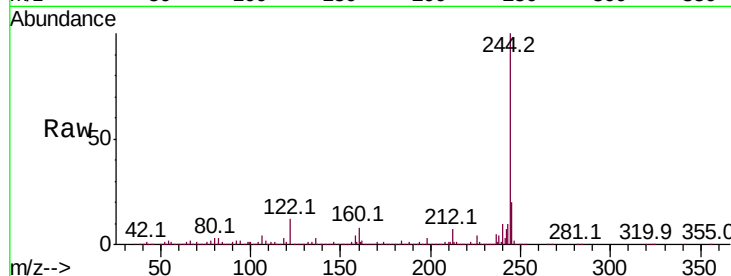
#79
 Terphenyl-d14
 Concen: 84.176 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTCCCC040

Tot Ion:244 Resp: 8149594
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.8 9.3 13.9

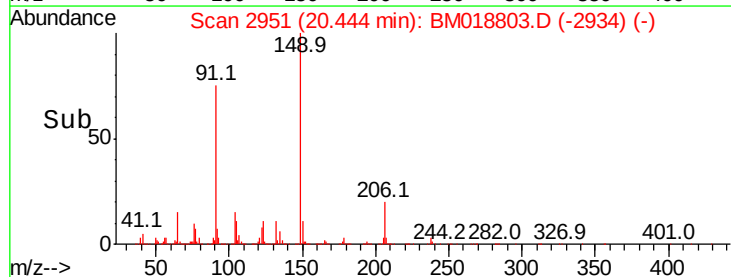
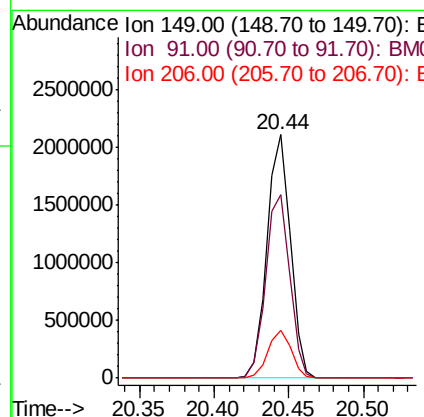
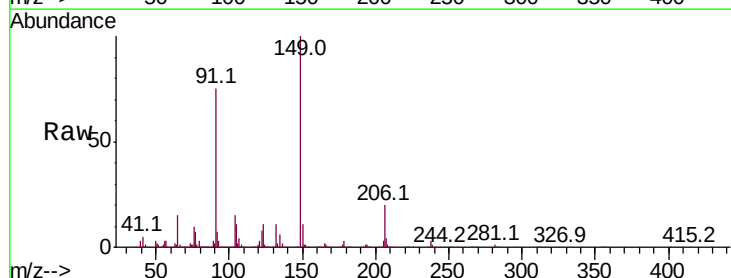
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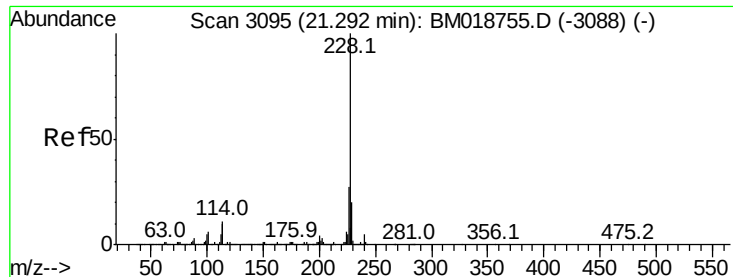
Sohil
 2/14/2019 1:50:31 PM



#80
 Butylbenzylphthalate
 Concen: 43.028 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Tgt Ion:149 Resp: 2274600
 Ion Ratio Lower Upper
 149 100
 91 75.1 61.4 92.0
 206 19.7 15.8 23.8





#81

Benzo(a)anthracene

Concen: 40.242 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 4685040

Ion Ratio Lower Upper

228 100

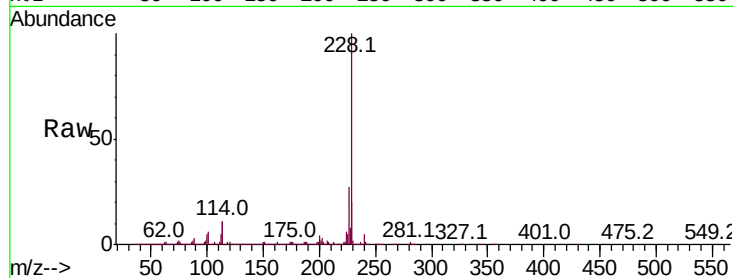
226 27.5 21.9 32.9

229 20.0 15.9 23.9

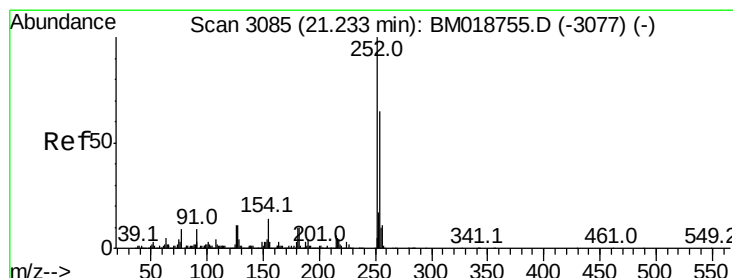
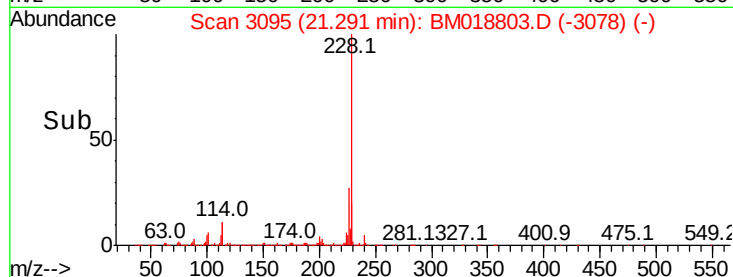
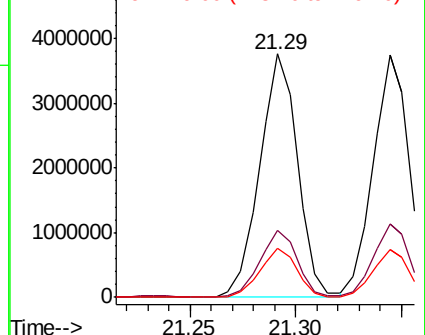
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.124 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

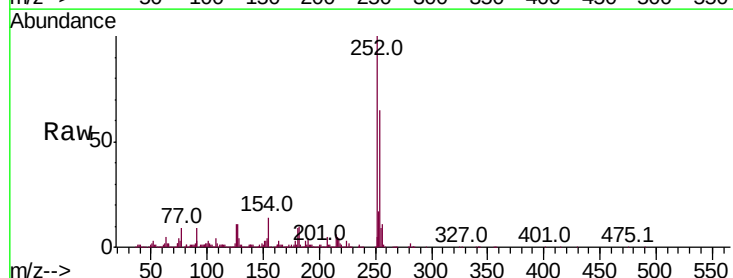
Tgt Ion:252 Resp: 1846163

Ion Ratio Lower Upper

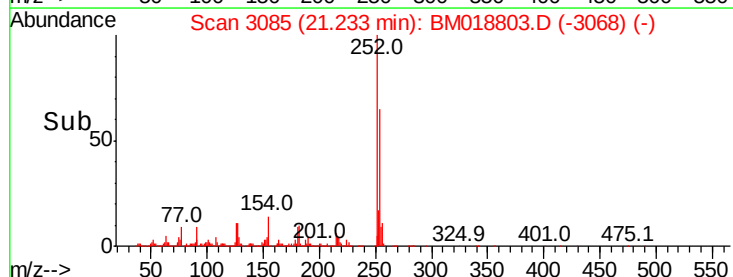
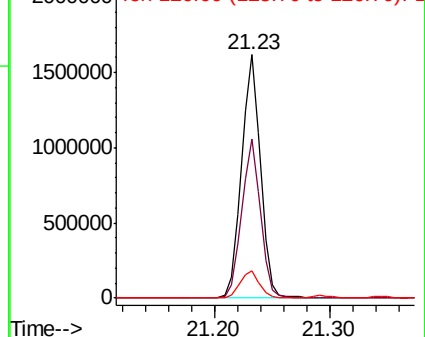
252 100

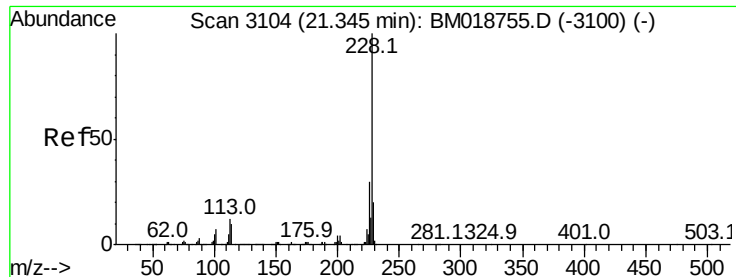
254 65.3 51.8 77.8

126 11.3 9.1 13.7



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





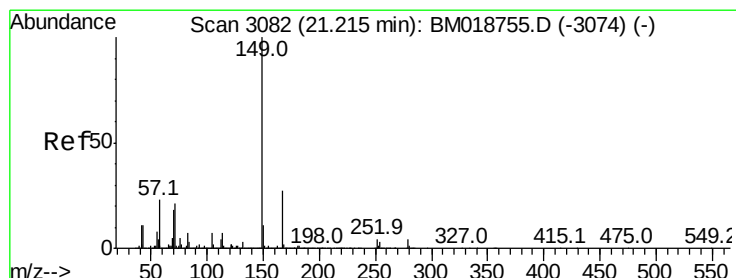
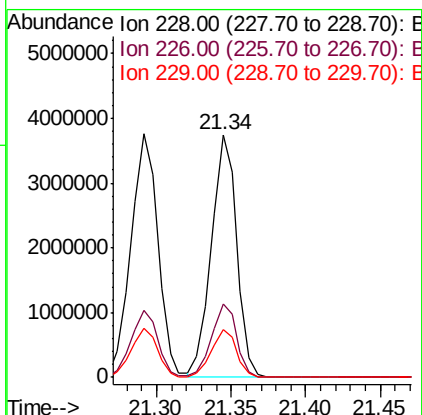
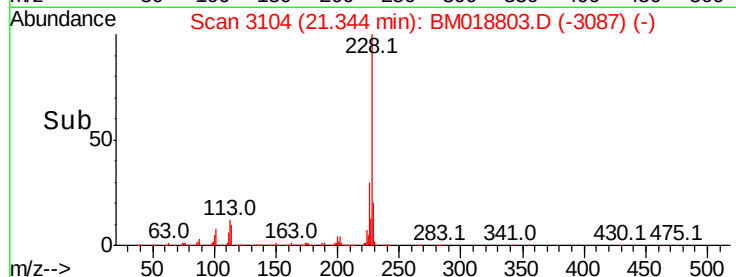
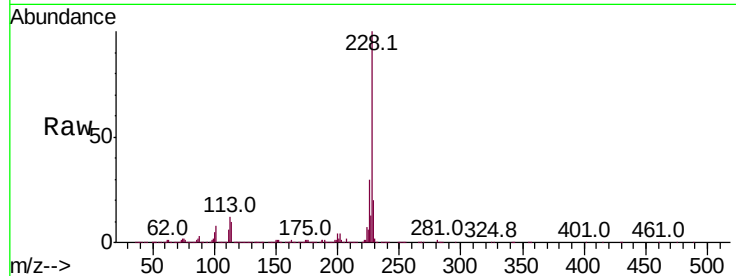
#83
Chrysene
Concen: 39.744 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 4434965
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.9 16.0 24.0

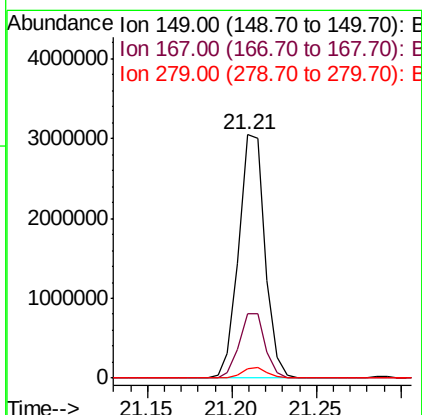
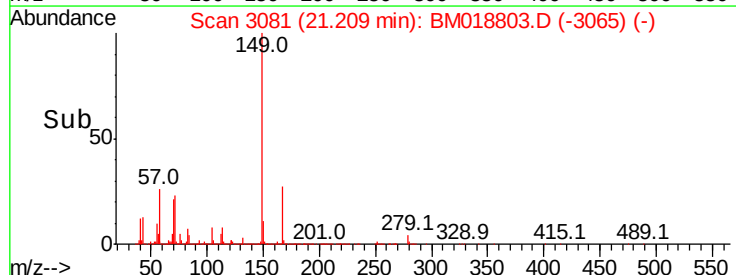
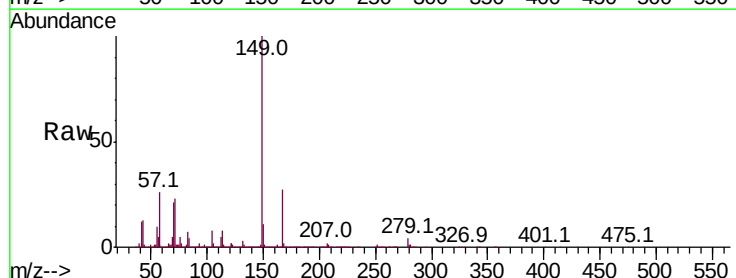
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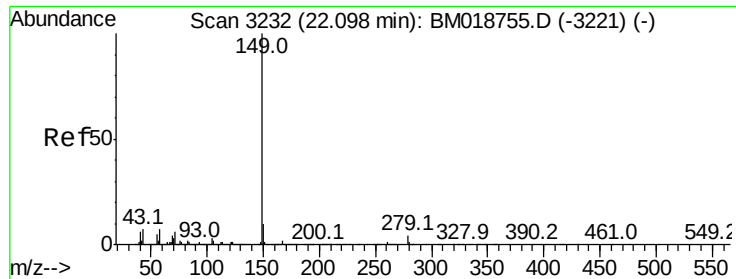
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.770 ng
RT: 21.21 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion:149 Resp: 3309166
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 3.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 42.334 ng

RT: 22.10 min Scan# 3232

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 5505126

Ion Ratio Lower Upper

149 100

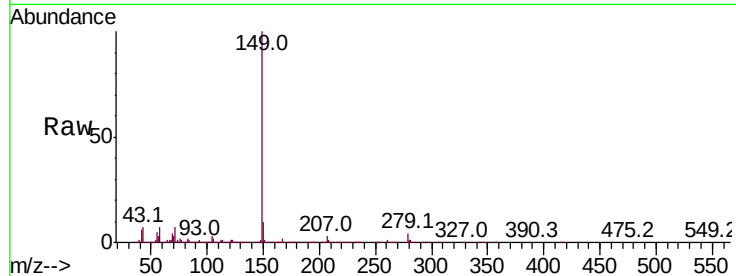
167 1.6 1.3 1.9

43 7.5 6.0 9.0

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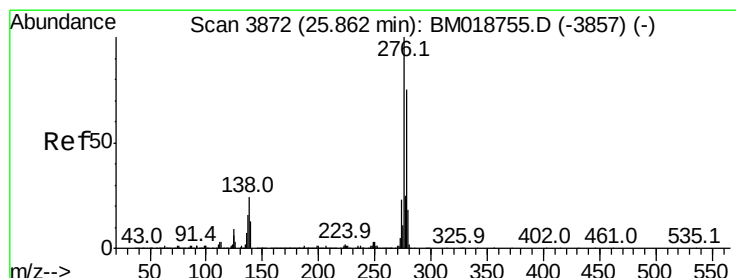
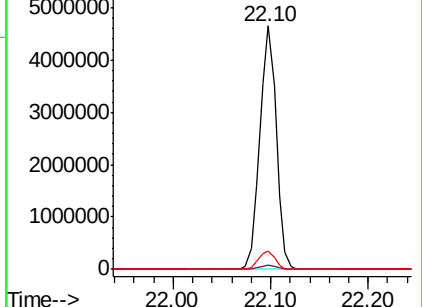
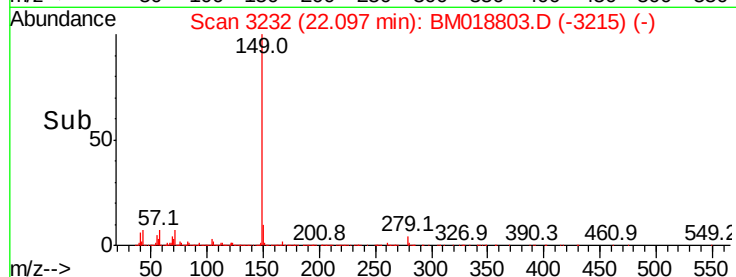
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.452 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

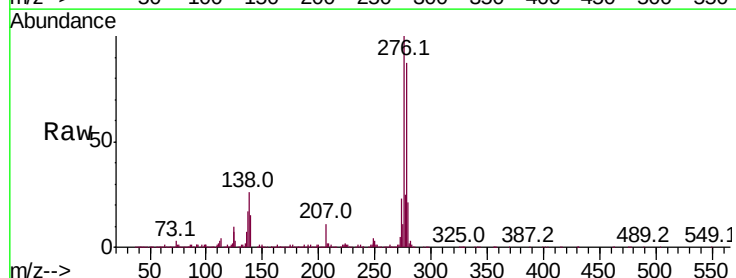
Tgt Ion:276 Resp: 4438559

Ion Ratio Lower Upper

276 100

138 25.7 20.2 30.4

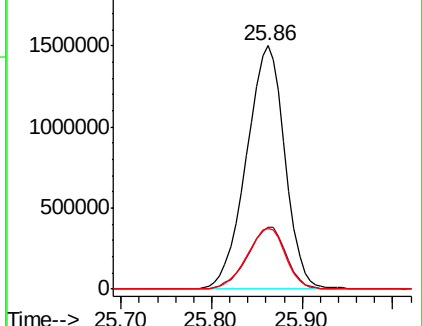
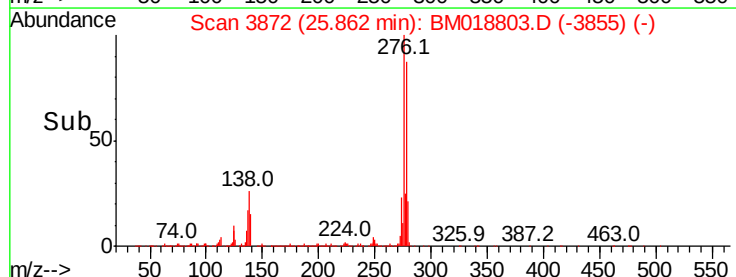
277 25.4 20.3 30.5

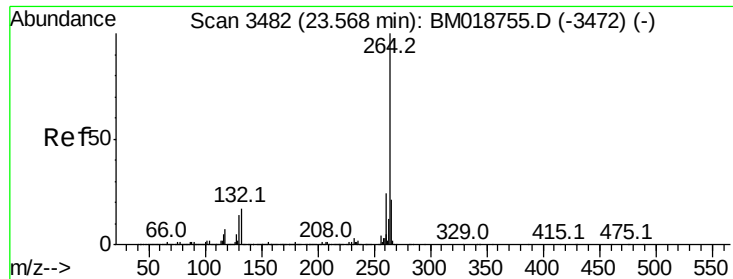


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





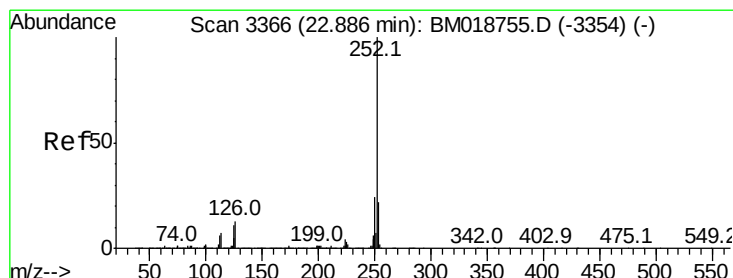
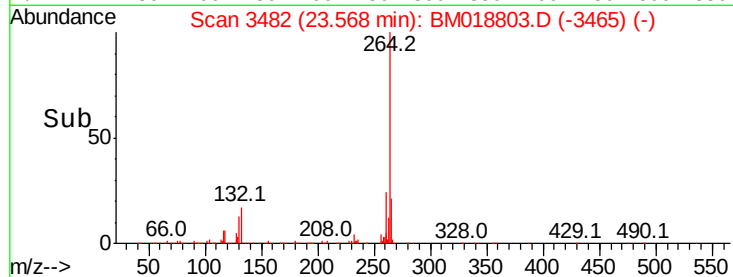
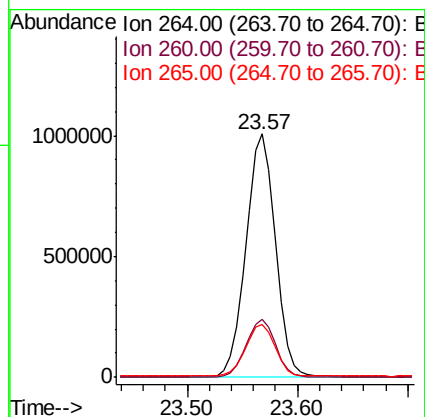
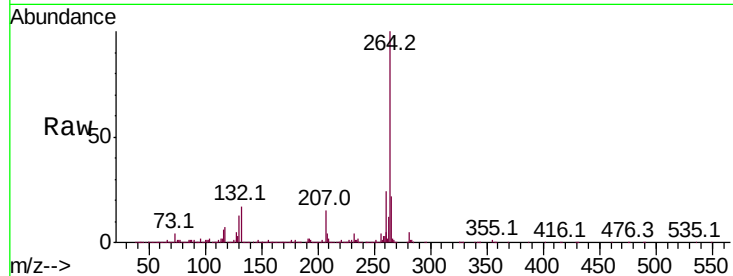
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Instrument :
 BNA_M
 ClientSampled :
 SSTDCCC040

Tot Ion:	264	Resp:	1897383
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.9	28.3
265	21.8	17.3	25.9

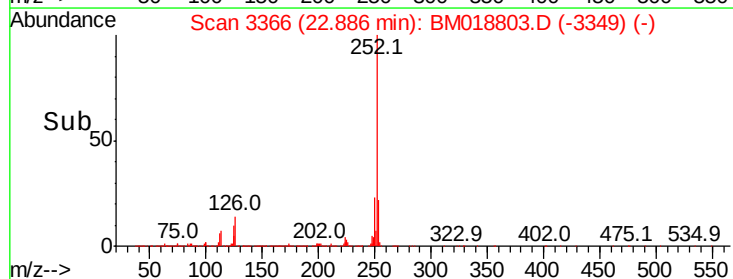
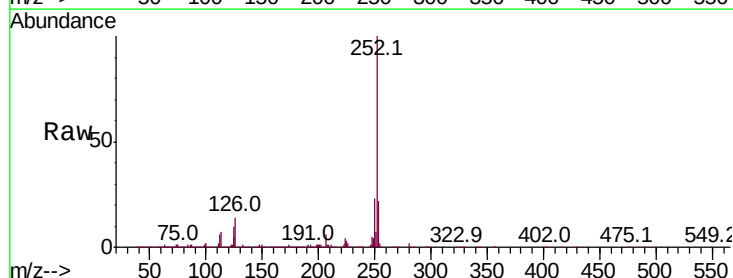
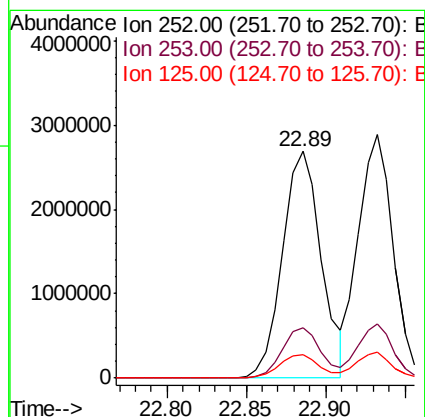
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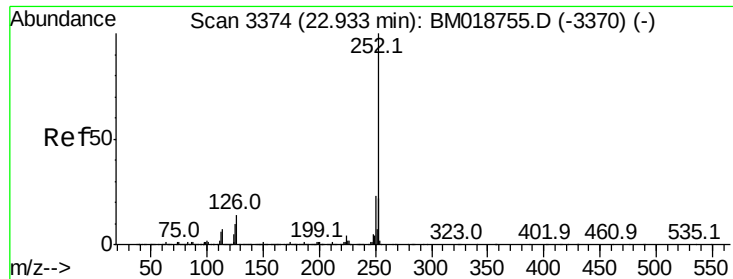
Sohil
 2/14/2019 1:50:31 PM



#88
 Benzo(b)fluoranthene
 Concen: 42.066 ng
 RT: 22.89 min Scan# 3366
 Delta R.T. -0.00 min
 Lab File: BM018803.D
 Acq: 13 Feb 2019 14:50

Tgt Ion:	252	Resp:	4566529
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.8	26.6
125	10.4	8.6	12.8





#89

Benzo(k)fluoranthene

Concen: 40.667 ng

RT: 22.93 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Instrument :

BNA_M

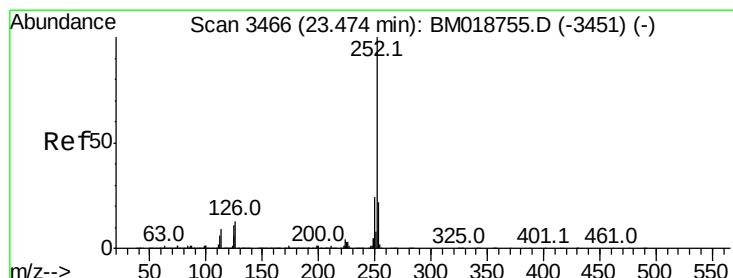
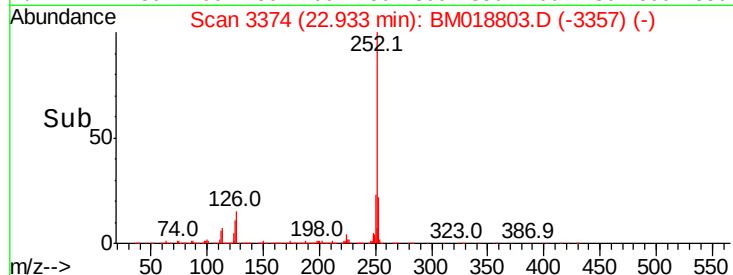
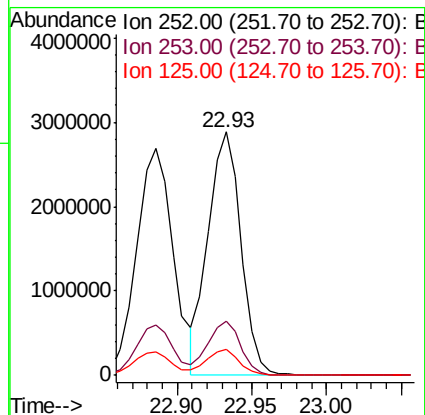
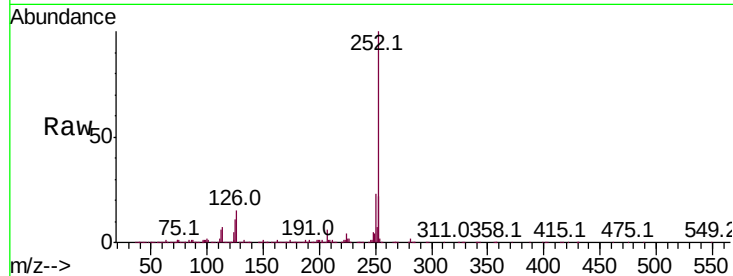
ClientSampleId :

SSTDCCC040

Tot Ion:252	Resp: 4395064		
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	10.7	8.2	12.4

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#90

Benzo(a)pyrene

Concen: 40.468 ng

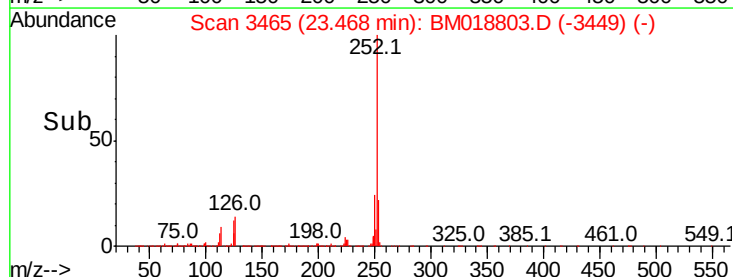
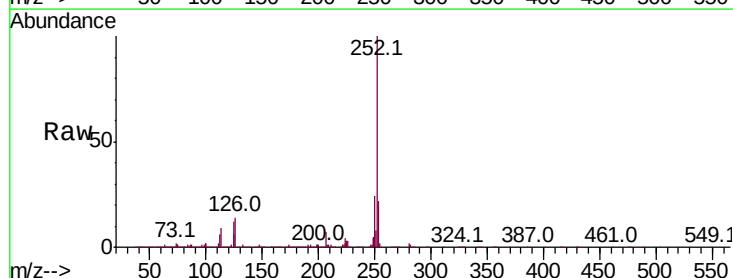
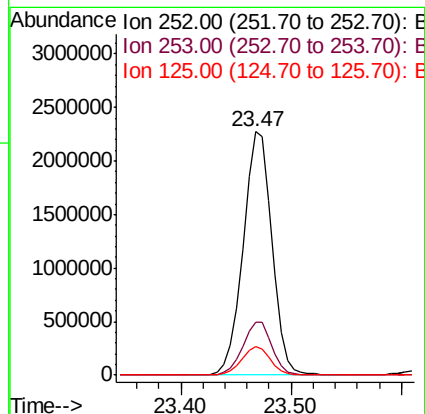
RT: 23.47 min Scan# 3465

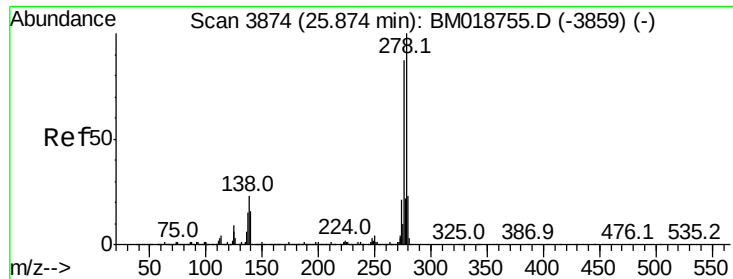
Delta R.T. -0.01 min

Lab File: BM018803.D

Acq: 13 Feb 2019 14:50

Tgt Ion:252	Resp: 4161660		
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	11.8	8.6	13.0





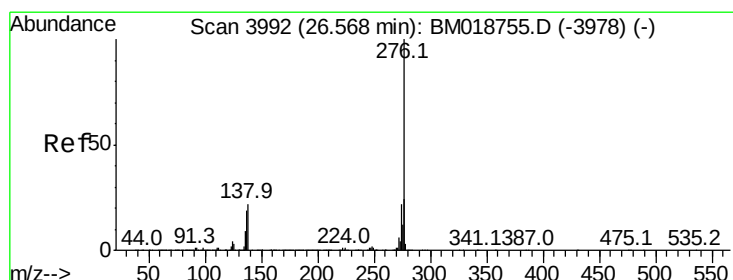
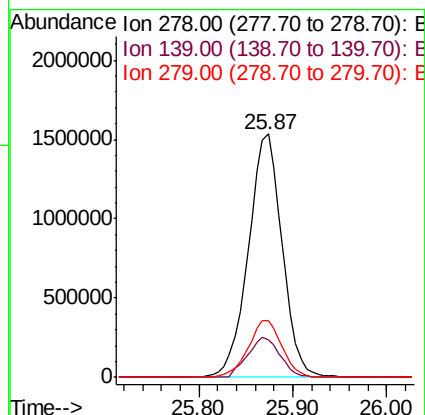
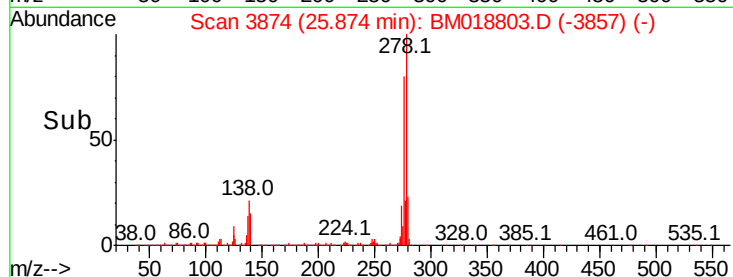
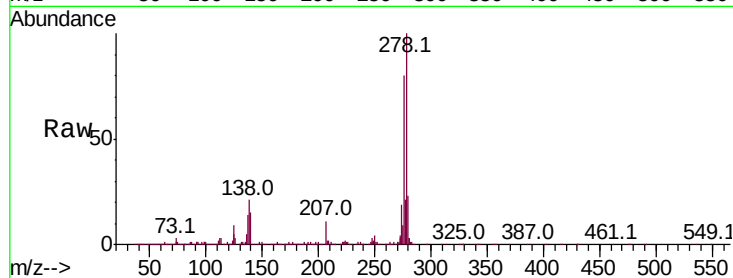
#91
Dibenzo(a,h)anthracene
Concen: 37.417 ng
RT: 25.87 min Scan# 3874
Delta R.T. -0.00 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:278 Resp: 3812231
Ion Ratio Lower Upper
278 100
139 15.4 12.6 18.8
279 23.4 18.6 28.0

Manual Integrations
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2/14/2019 1:50:31 PM



#92
Benzo(g,h,i)perylene
Concen: 36.222 ng
RT: 26.56 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM018803.D
Acq: 13 Feb 2019 14:50

Tgt Ion:276 Resp: 3435811
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 22.7 17.3 25.9

