

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
 Data File : BM018758.D
 Acq On : 11 Feb 2019 15:09
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Sohil
 2/12/2019 12:11:44 PM

Quant Time: Feb 11 16:00:23 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 14:13:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	313989	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1263446	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	744649	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1719392	20.00	ng	0.00
76) Chrysene-d12	21.32	240	1961635	20.00	ng	0.00
87) Perylene-d12	23.57	264	2007312	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2965433	174.39	ng	0.00
7) Phenol-d6	6.89	99	4363532	202.04	ng	0.00
23) Nitrobenzene-d5	8.89	82	4521772	207.47	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1911093	201.56	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	8915318	156.22	ng	0.00
79) Terphenyl-d14	19.75	244	13408905	144.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	623576	89.974	ng	99
3) Pyridine	3.65	79	1764818	102.136	ng	97
4) n-Nitrosodimethylamine	3.57	42	484453	67.802	ng	95
6) Aniline	7.06	93	2639374	109.553	ng	99
8) 2-Chlorophenol	7.28	128	1650365	83.100	ng	98
9) Benzaldehyde	6.88	77	907864	75.136	ng	99
10) Phenol	6.92	94	2267597	103.321	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	1717224	99.579	ng	99
12) 1,3-Dichlorobenzene	7.60	146	1790537	75.705	ng	98
13) 1,4-Dichlorobenzene	7.75	146	1831716	76.411	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1761633	77.501	ng	99
15) Benzyl Alcohol	7.97	79	1786605	114.531	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1561789	70.868	ng	99
17) 2-Methylphenol	8.16	107	1437263	96.477	ng	98
18) Hexachloroethane	8.78	117	680538	79.621	ng	98
19) n-Nitroso-di-n-propylamine	8.53	70	1696199	120.680	ng	99
20) 3+4-Methylphenols	8.50	107	2029710	98.694	ng	98
22) Acetophenone	8.55	105	2861556	91.557	ng	# 99
24) Nitrobenzene	8.93	77	2302636	107.378	ng	98
25) Isophorone	9.45	82	3706277	112.302	ng	99
26) 2-Nitrophenol	9.63	139	1006179	97.037	ng	99
27) 2,4-Dimethylphenol	9.69	122	1375197	88.483	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	2295182	100.670	ng	99
29) 2,4-Dichlorophenol	10.16	162	1615258	87.279	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	1772759	77.174	ng	98
31) Naphthalene	10.56	128	4905138	80.613	ng	99
32) Benzoic acid	9.89	122	1264853m	133.547	ng	
33) 4-Chloroaniline	10.68	127	2326232	97.074	ng	100
34) Hexachlorobutadiene	10.82	225	1019879	70.278	ng	99
35) Caprolactam	11.53	113	679739m	108.030	ng	
36) 4-Chloro-3-methylphenol	11.81	107	1949601	100.412	ng	98
37) 2-Methylnaphthalene	12.17	142	3545470	82.470	ng	99
38) 1-Methylnaphthalene	12.39	142	3434870	82.574	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1948486	74.827	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1056858	73.950	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	1337306	84.570	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	1428789	85.913	ng	99
46) 1,1'-Biphenyl	13.20	154	5140286	79.058	ng	100
47) 2-Chloronaphthalene	13.24	162	4002795	79.390	ng	99
48) 2-Nitroaniline	13.46	65	1469548	118.470	ng	98
49) Acenaphthylene	14.09	152	6046212	82.287	ng	99
50) Dimethylphthalate	13.84	163	5050040	82.576	ng	99
51) 2,6-Dinitrotoluene	13.96	165	1163082	89.784	ng	98
52) Acenaphthene	14.43	154	3667076	81.567	ng	99
53) 3-Nitroaniline	14.30	138	1287636	98.594	ng	98
54) 2,4-Dinitrophenol	14.50	184	690967	117.194	ng	97
55) Dibenzofuran	14.77	168	5961696	80.257	ng	99
56) 4-Nitrophenol	14.60	139	1057723	93.749	ng	99
57) 2,4-Dinitrotoluene	14.75	165	1646841	89.850	ng	99
58) Fluorene	15.42	166	4694942	84.845	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	1215112	82.430	ng	97
60) Diethylphthalate	15.20	149	5253593	85.095	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	2660402	83.417	ng	94
62) 4-Nitroaniline	15.47	138	1292472	90.730	ng	98
63) Azobenzene	15.71	77	5670856	112.661	ng	98
65) 4,6-Dinitro-2-methylphenol	15.52	198	1070416	105.490	ng	93
66) n-Nitrosodiphenylamine	15.64	169	4435757	83.168	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	1618747	84.130	ng	98
68) Hexachlorobenzene	16.42	284	1848737	85.828	ng	96
70) Pentachlorophenol	16.76	266	1221675	86.600	ng	100
71) Phenanthrene	17.16	178	7453550	81.501	ng	99
72) Anthracene	17.25	178	7421638	84.391	ng	99
73) Carbazole	17.53	167	7714325	85.381	ng	99
74) Di-n-butylphthalate	18.09	149	9042471	91.367	ng	99
75) Fluoranthene	19.18	202	8734296	82.837	ng	97
77) Benzidine	19.38	184	2871720	59.289	ng	100
78) Pyrene	19.55	202	9134165	78.556	ng	98
80) Butylbenzylphthalate	20.44	149	4515832	91.016	ng	98
81) Benzo(a)anthracene	21.30	228	9140682	79.097	ng	98
82) 3,3'-Dichlorobenzidine	21.24	252	3594538	82.256	ng	100
83) Chrysene	21.35	228	8713134	78.079	ng	98
84) Bis(2-ethylhexyl)phthalate	21.22	149	6471959	90.332	ng	98
85) Di-n-octyl phthalate	22.10	149	10755827	89.258	ng	100
86) Indeno(1,2,3-cd)pyrene	25.89	276	10385368	80.707	ng	100
88) Benzo(b)fluoranthene	22.90	252	9320953	81.792	ng	99
89) Benzo(k)fluoranthene	22.94	252	9463940	82.405	ng	99
90) Benzo(a)pyrene	23.48	252	9044660	82.902	ng	98
91) Dibenzo(a,h)anthracene	25.89	278	8916325	80.658	ng	99
92) Benzo(g,h,i)perylene	26.59	276	8118430	75.468	ng	100

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



#1

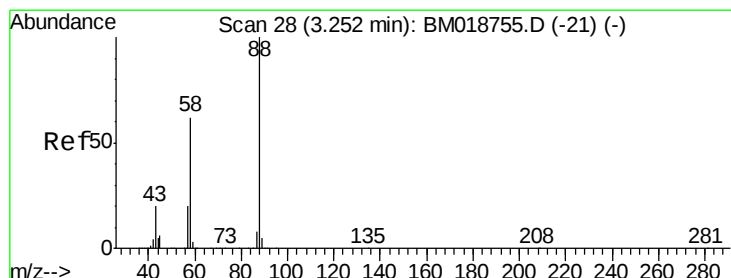
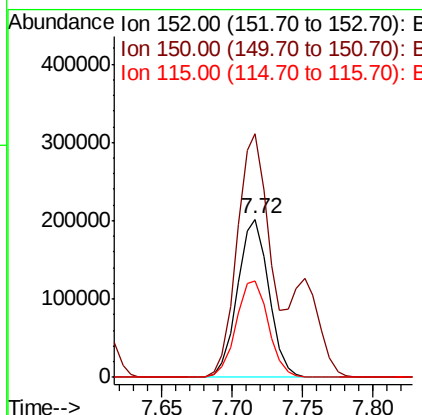
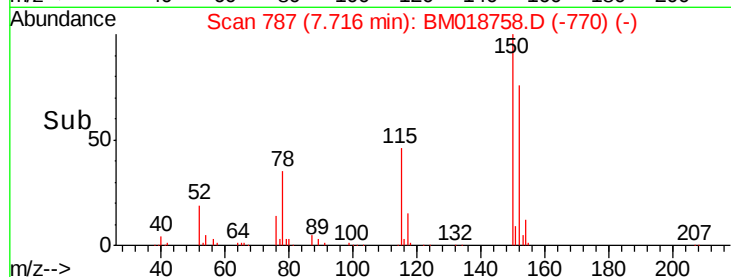
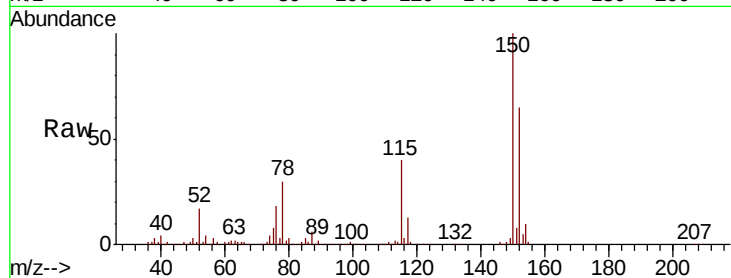
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	127.3	190.9
115	60.8	50.8	76.2

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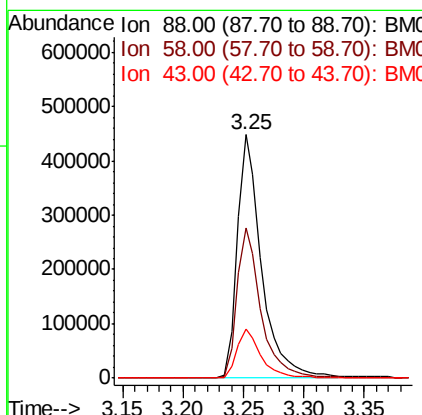
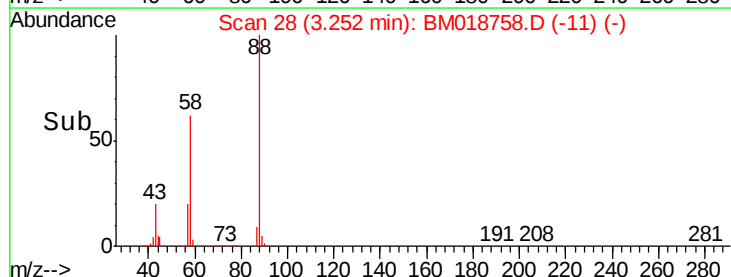
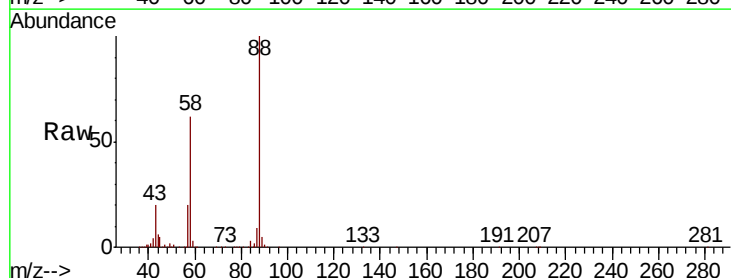
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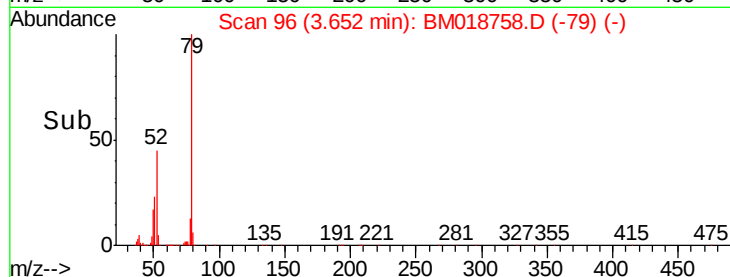
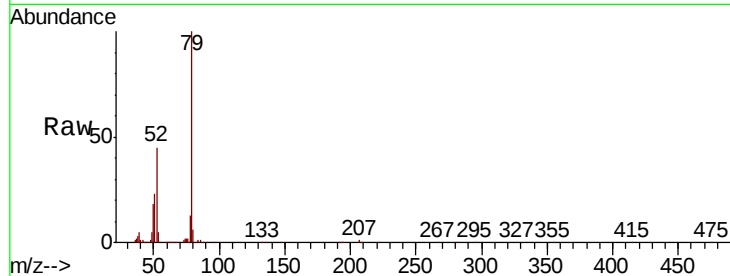
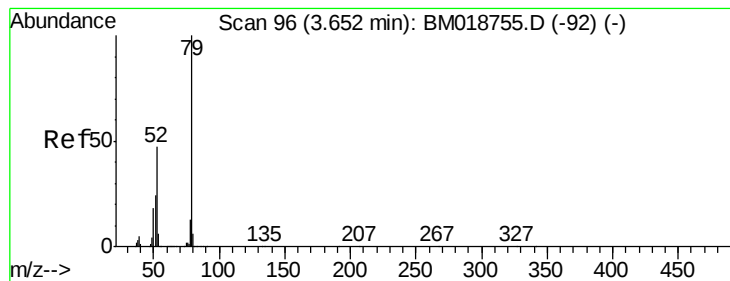


#2

1,4-Dioxane
Concen: 89.974 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	49.8	74.6
43	20.1	16.7	25.1





#3

Pvridine

Concen: 102.136 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tot Ion: 79 Resp: 1764818

Ion Ratio Lower Upper

79 100

52 45.3 37.6 56.4

51 23.0 19.7 29.5

Instrument :

BNA_M

ClientSampleId :

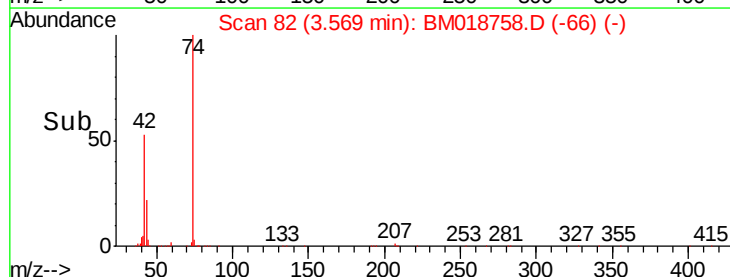
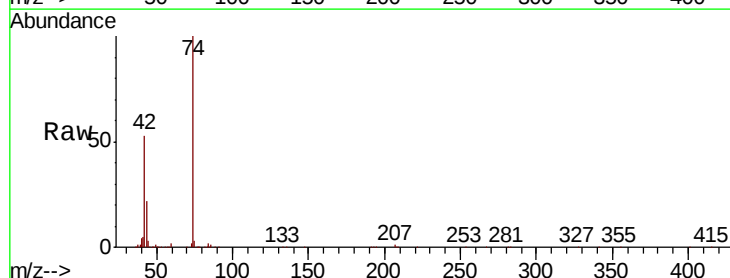
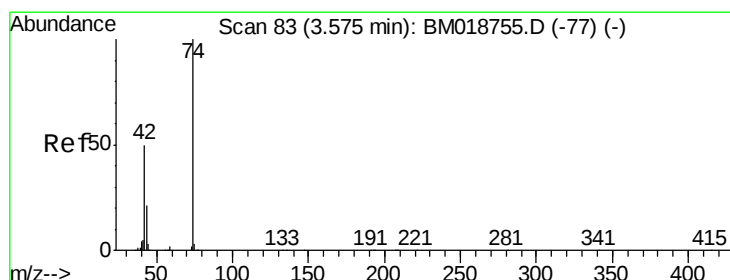
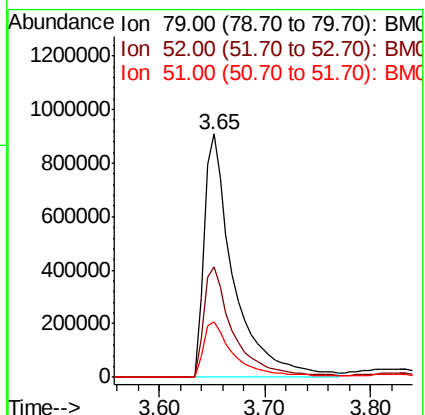
SSTDIC080

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#4

n-Nitrosodimethylamine

Concen: 67.802 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

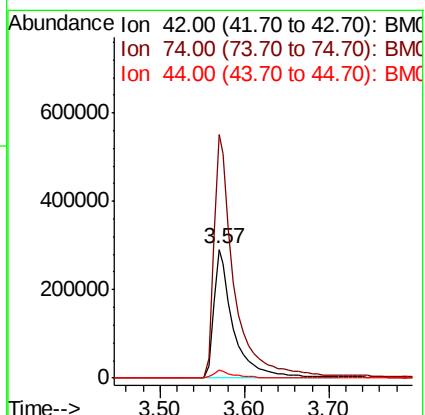
Tgt Ion: 42 Resp: 484453

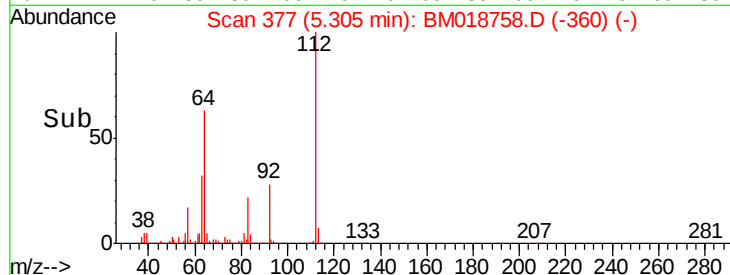
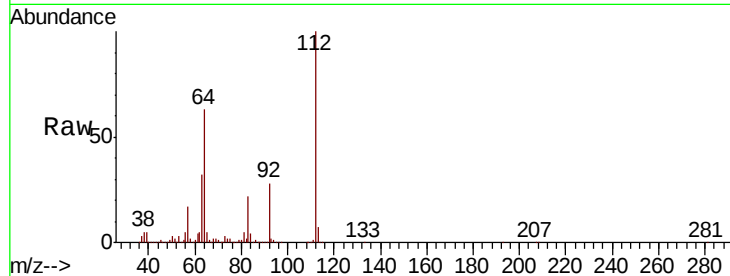
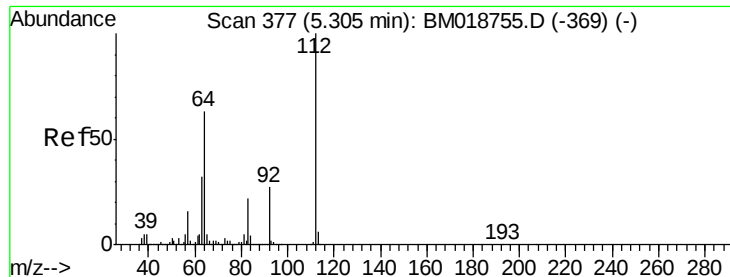
Ion Ratio Lower Upper

42 100

74 189.4 158.1 237.1

44 6.2 4.9 7.3





#5

2-Fluorophenol

Concen: 174.390 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tot Ion:	112	Resp:	2965433
Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.6	75.8
63	32.3	25.7	38.5

Instrument :

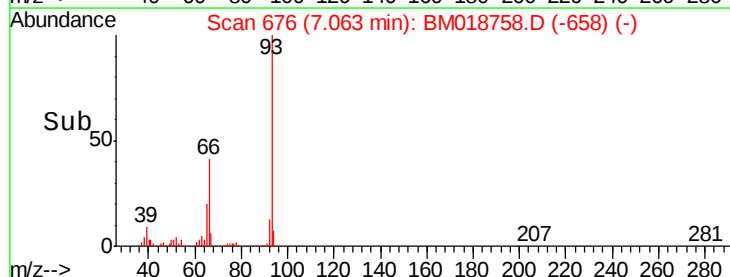
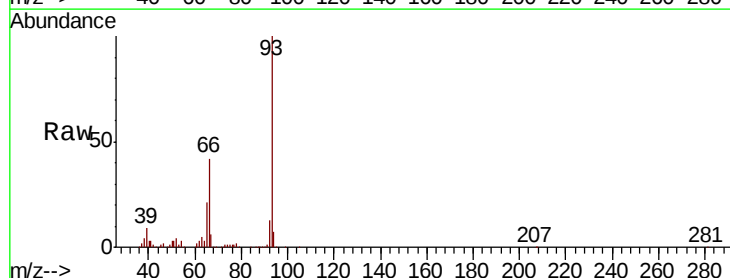
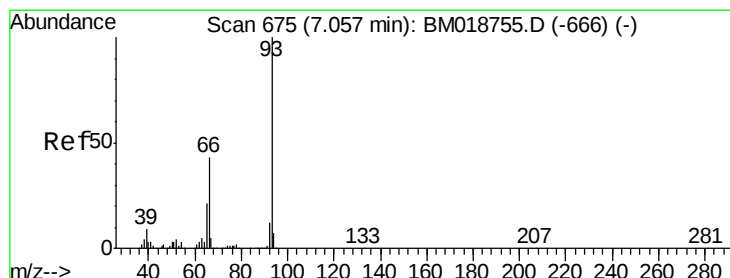
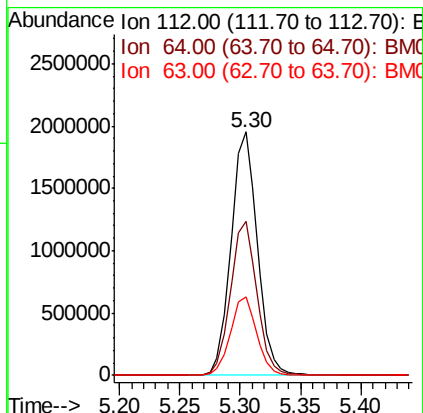
BNA_M

ClientSampleId :

SSTDICC080

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#6

Aniline

Concen: 109.553 ng

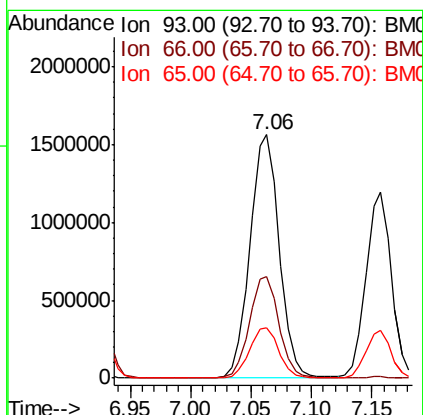
RT: 7.06 min Scan# 676

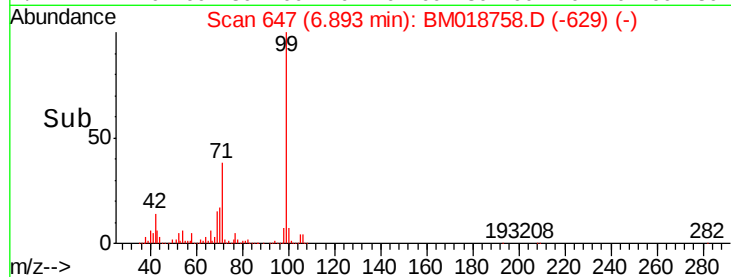
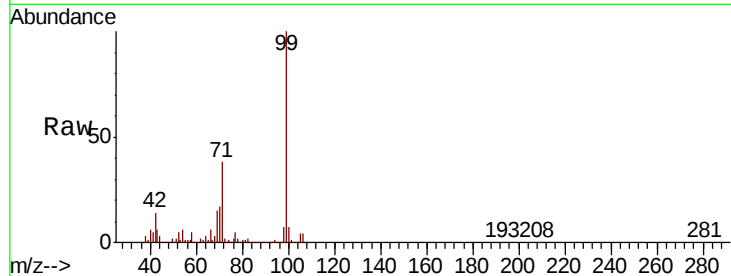
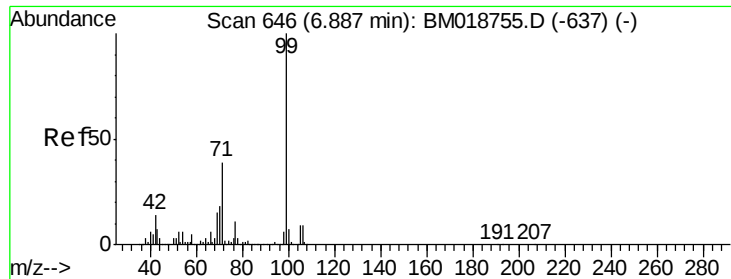
Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tgt Ion:	93	Resp:	2639374
Ion	Ratio	Lower	Upper
93	100		
66	41.7	34.1	51.1
65	20.5	16.6	24.8





#7

Phenol-d6

Concen: 202.035 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tot Ion: 99 Resp: 4363532

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.6

71 38.3 31.3 46.9

Instrument :

BNA_M

ClientSampleId :

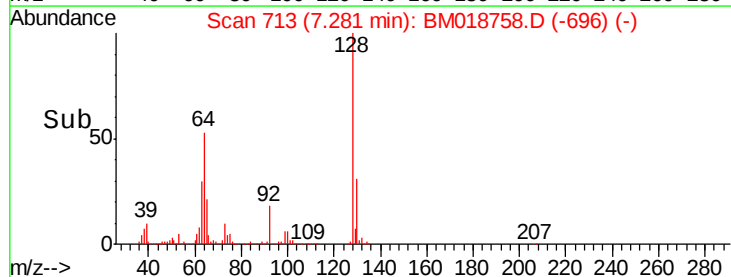
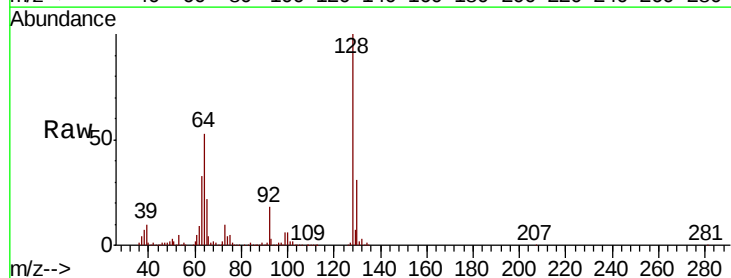
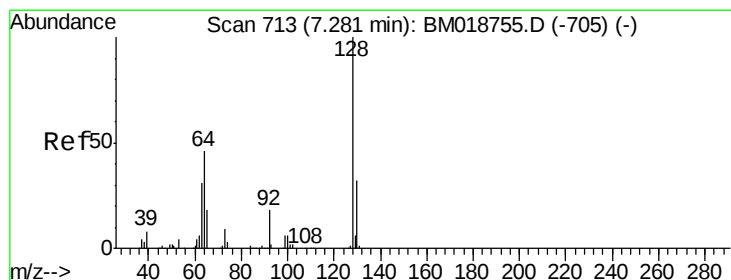
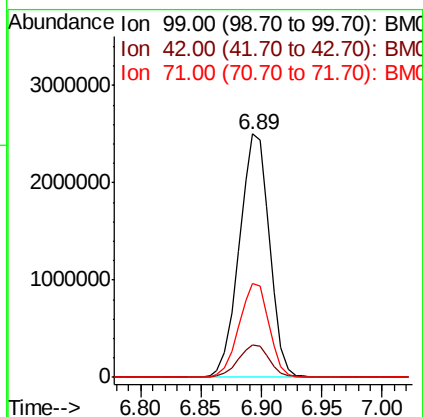
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#8

2-Chlorophenol

Concen: 83.100 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

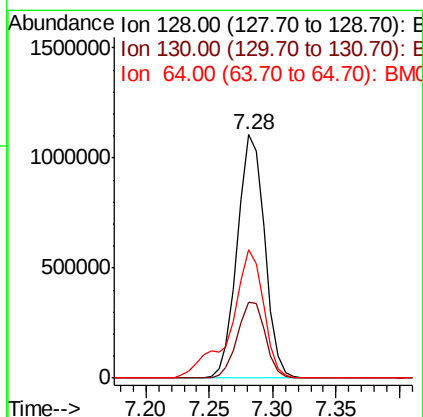
Tgt Ion: 128 Resp: 1650365

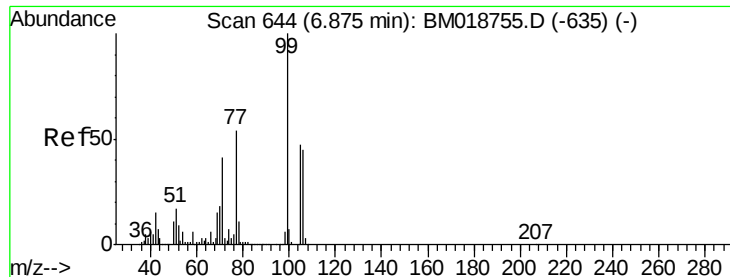
Ion Ratio Lower Upper

128 100

130 31.4 11.7 51.7

64 52.8 31.0 71.0





#9

Benzaldehyde

Concen: 75.136 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

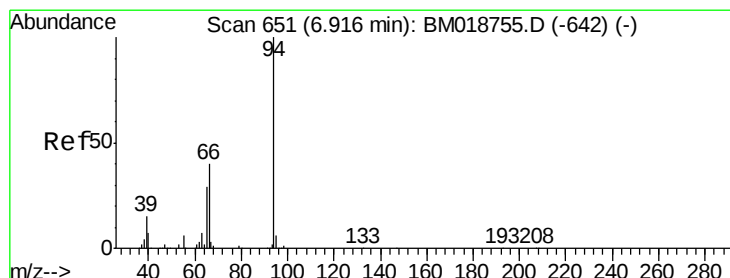
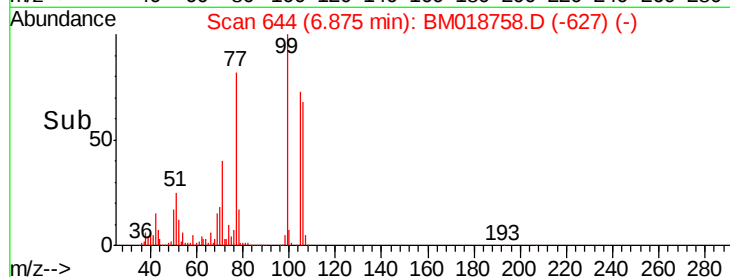
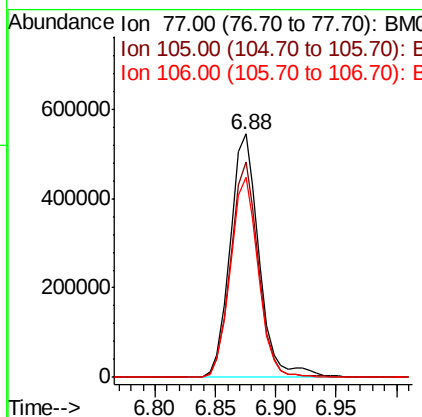
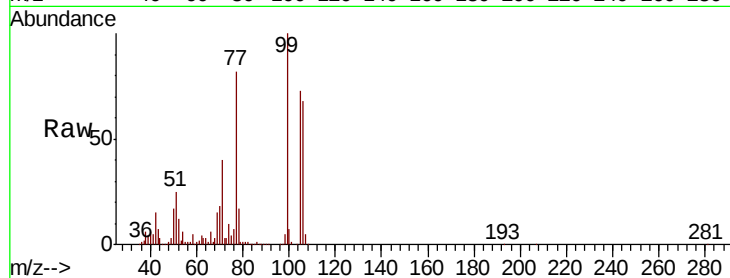
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	907864
Ion Ratio	Lower	Upper	
77	100		
105	88.4	67.3	107.3
106	82.2	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 103.321 ng

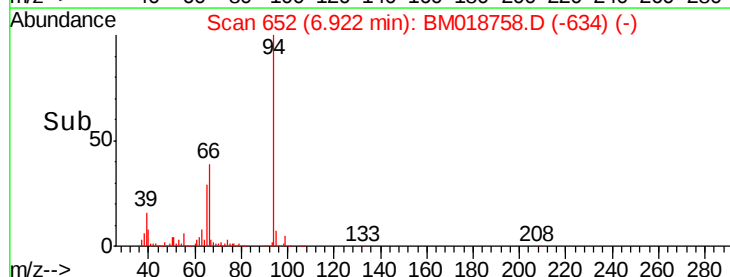
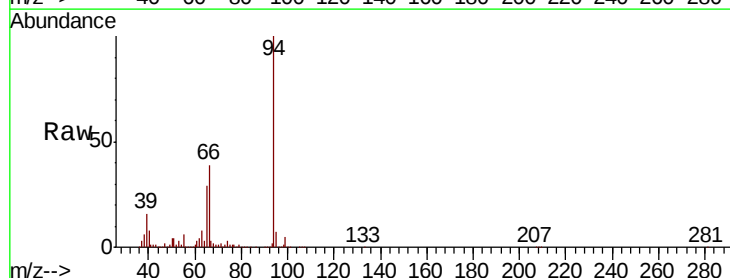
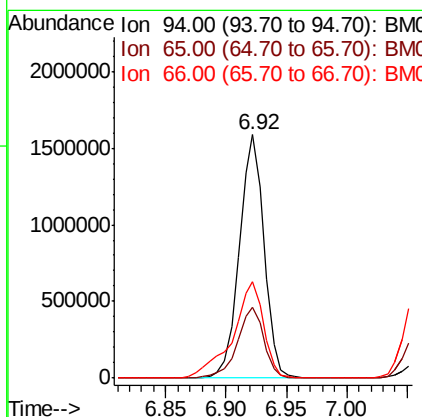
RT: 6.92 min Scan# 652

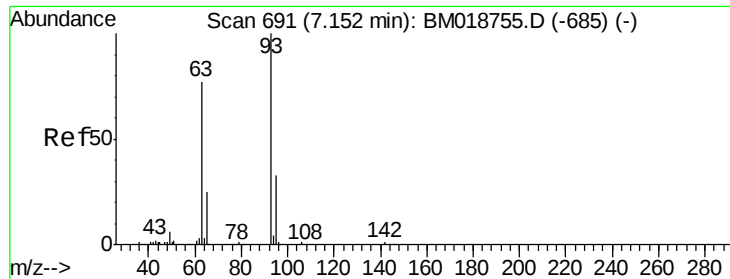
Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tgt Ion:	94	Resp:	2267597
Ion Ratio	Lower	Upper	
94	100		
65	29.3	9.6	49.6
66	39.4	20.4	60.4





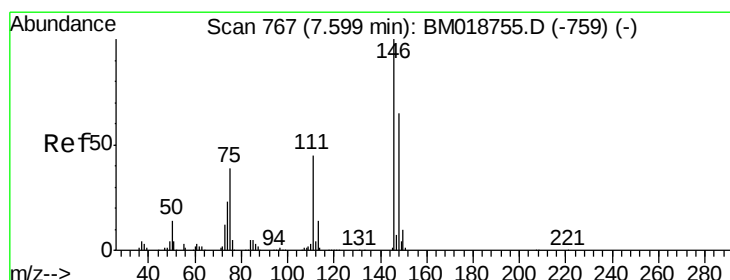
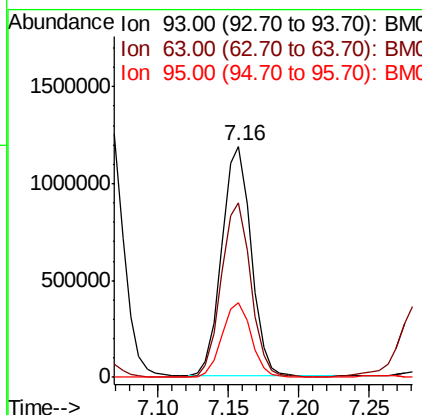
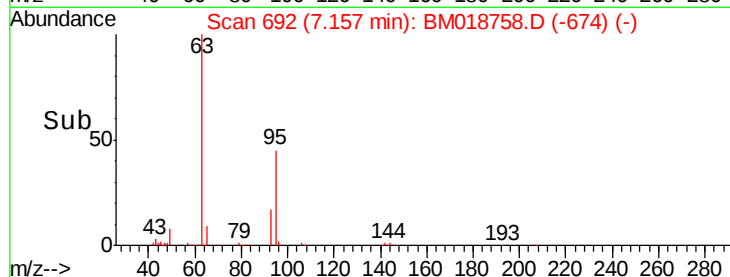
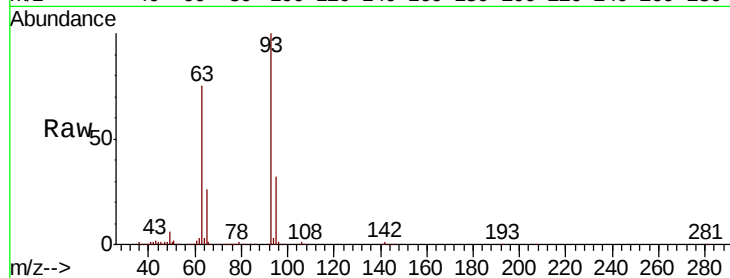
#11
bis(2-Chloroethyl)ether
Concen: 99.579 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion: 93 Resp: 1717224
Ion Ratio Lower Upper
93 100
63 75.4 57.0 97.0
95 32.2 12.4 52.4

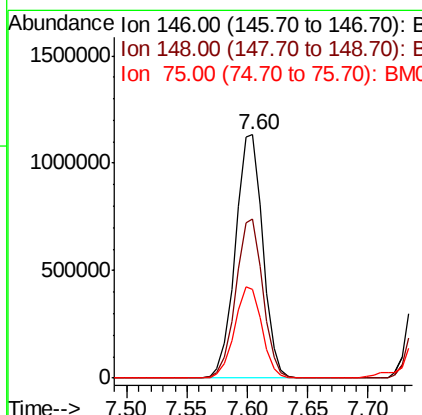
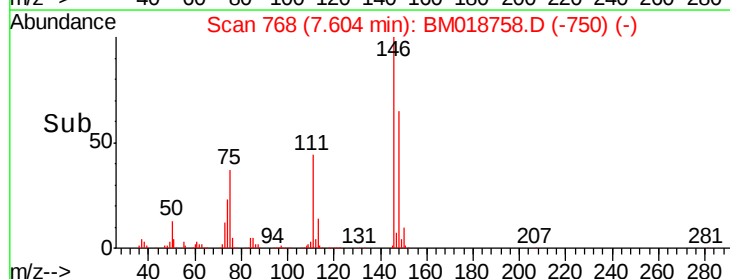
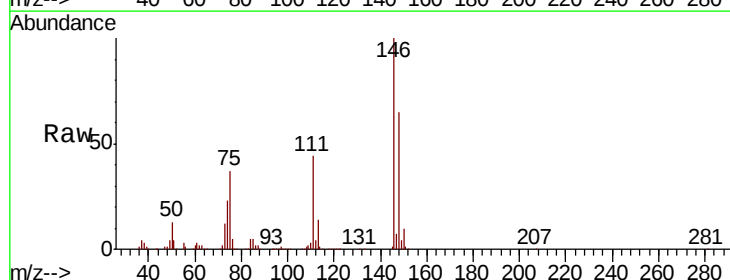
Manual Integrations
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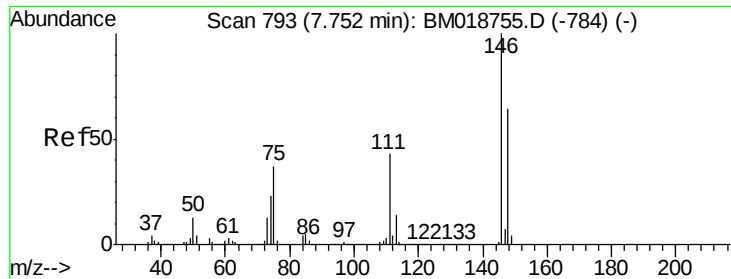
Sohil
2/12/2019 12:11:44 PM



#12
1,3-Dichlorobenzene
Concen: 75.705 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion: 146 Resp: 1790537
Ion Ratio Lower Upper
146 100
148 65.1 51.7 77.5
75 36.7 31.3 46.9





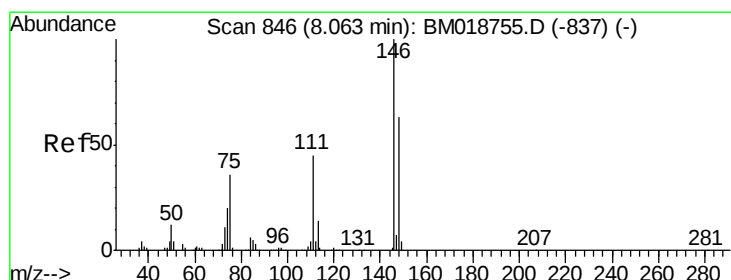
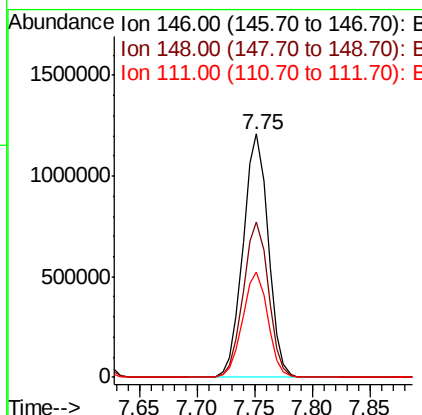
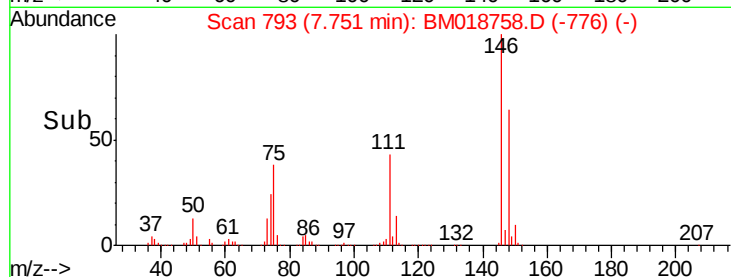
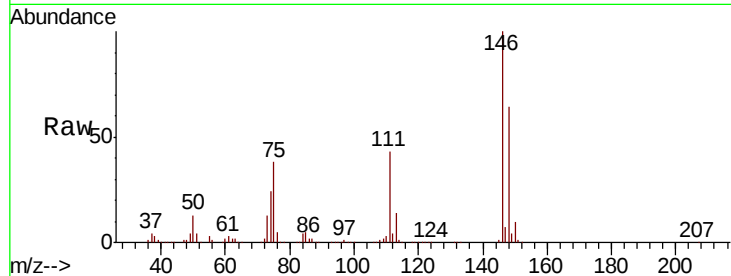
#13
1,4-Dichlorobenzene
Concen: 76.411 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:146 Resp: 1831716
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 43.4 34.6 52.0

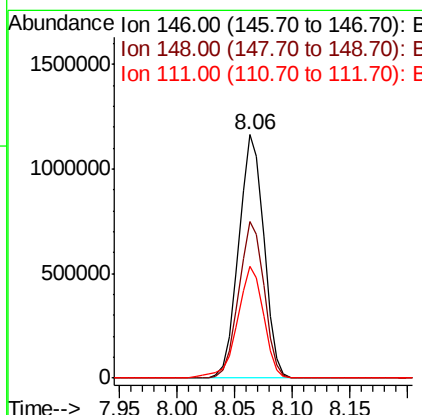
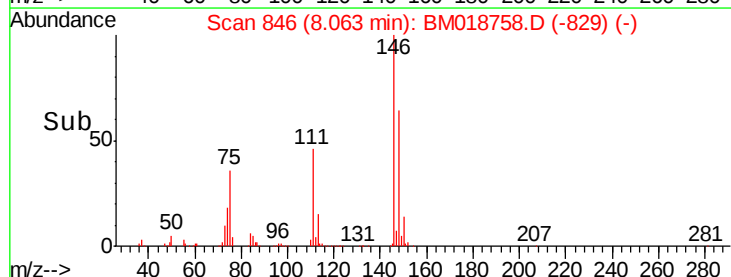
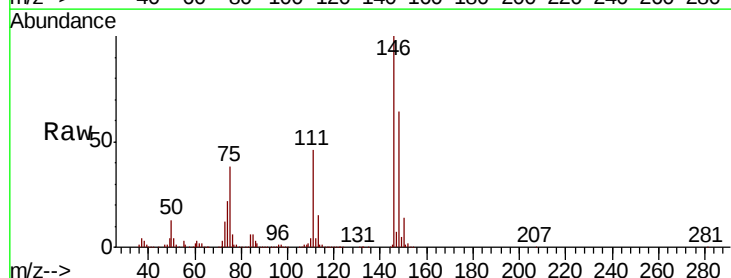
Manual Integrations
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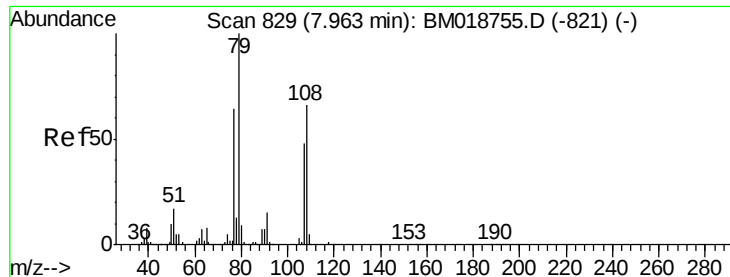
Sohil
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#14
1,2-Dichlorobenzene
Concen: 77.501 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion:146 Resp: 1761633
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
111 45.9 35.9 53.9





#15

Benzyl Alcohol

Concen: 114.531 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1786605

Ion Ratio Lower Upper

79 100

108 67.5 52.7 79.1

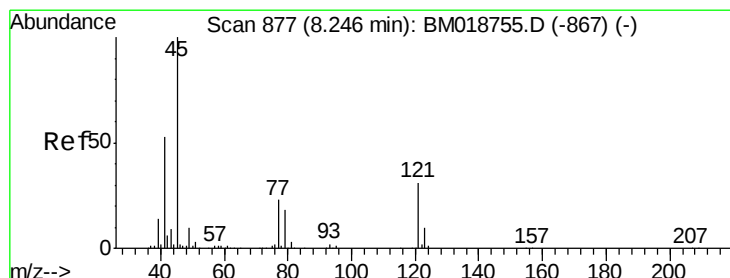
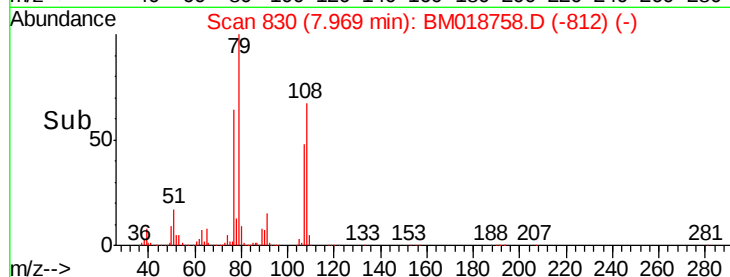
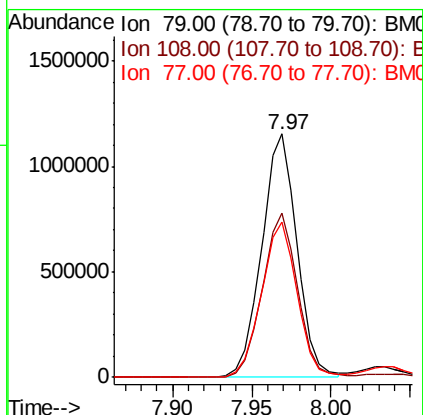
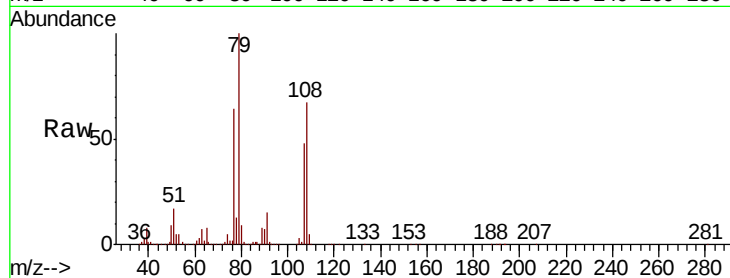
77 63.7 51.0 76.4

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 70.868 ng

RT: 8.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

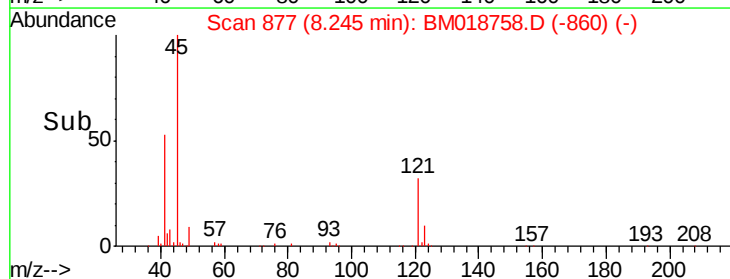
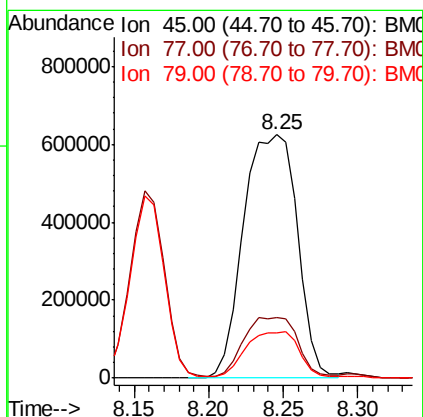
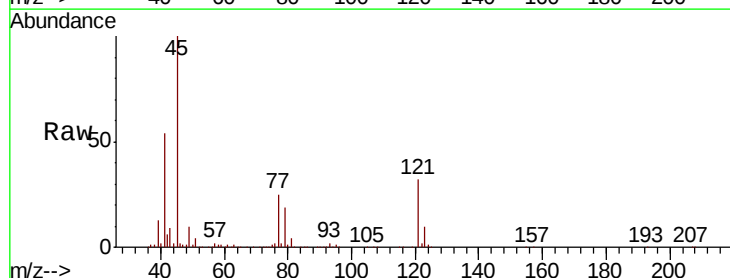
Tgt Ion: 45 Resp: 1561789

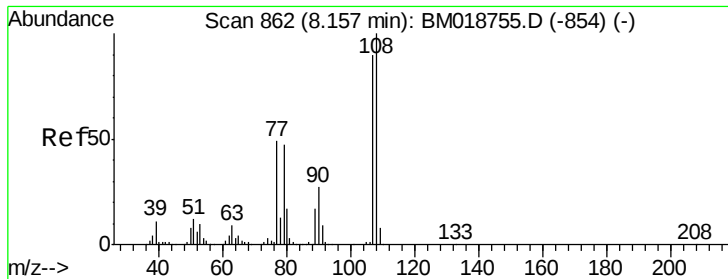
Ion Ratio Lower Upper

45 100

77 24.7 5.0 45.0

79 18.8 0.0 39.3





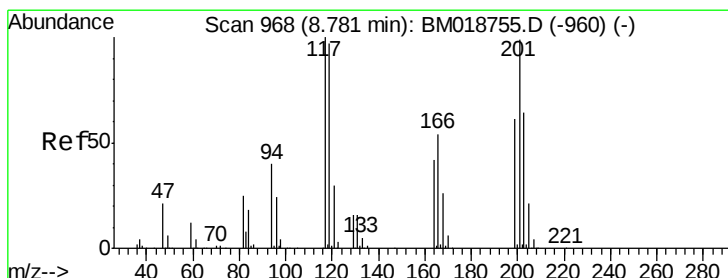
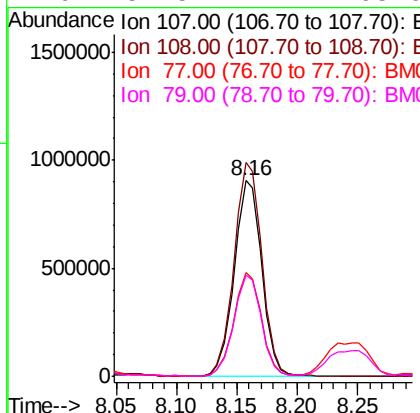
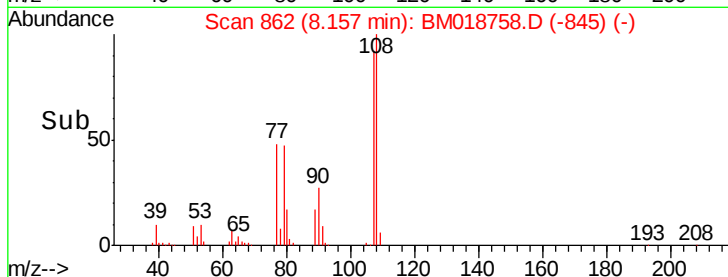
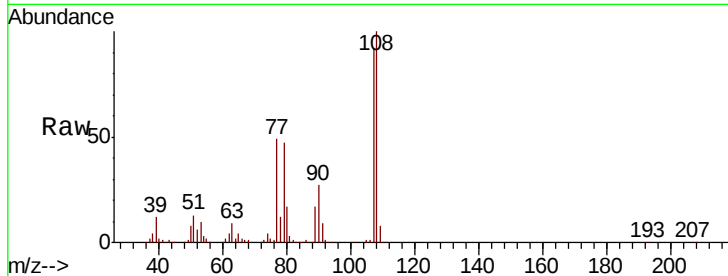
#17
2-Methylphenol
Concen: 96.477 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.8	133.2
77	53.0	44.0	66.0
79	51.5	42.4	63.6

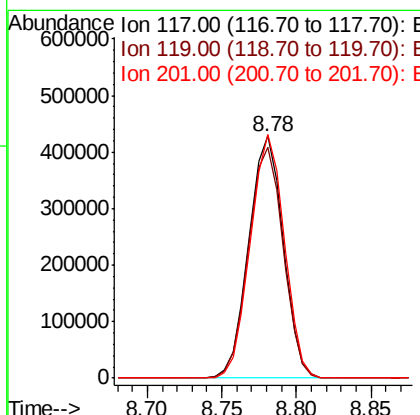
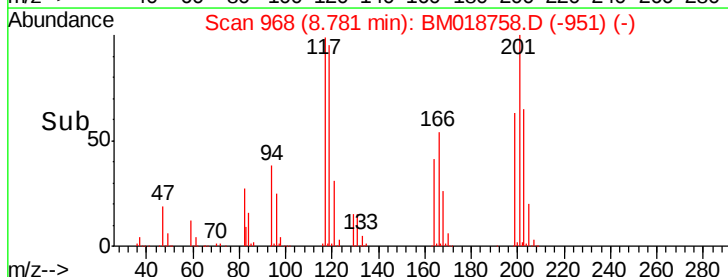
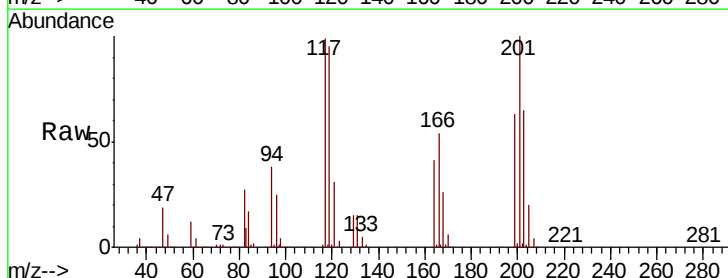
Manual Integrations
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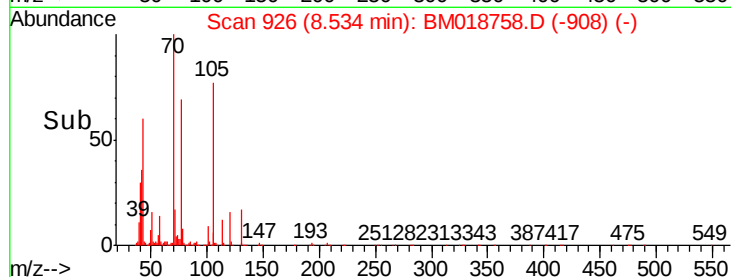
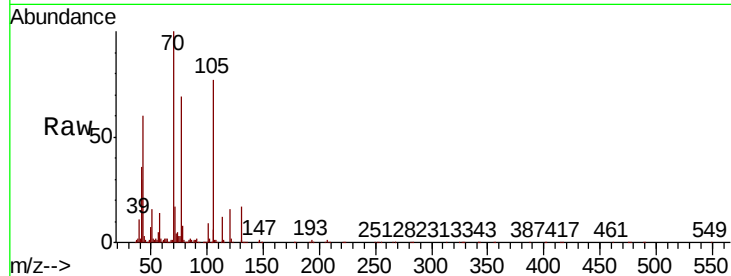
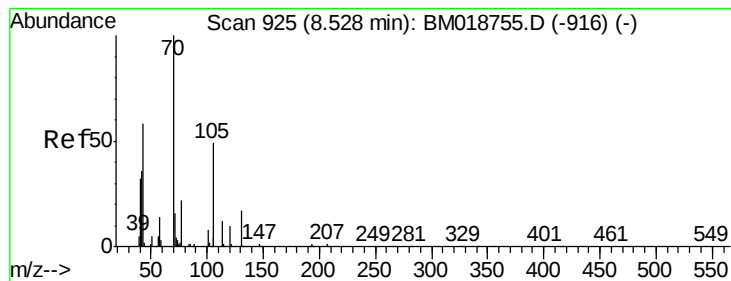
Sohil
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#18
Hexachloroethane
Concen: 79.621 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.9	116.9
201	100.5	79.2	118.8





#19

n-Nitroso-di-n-propylamine

Concen: 120.680 ng

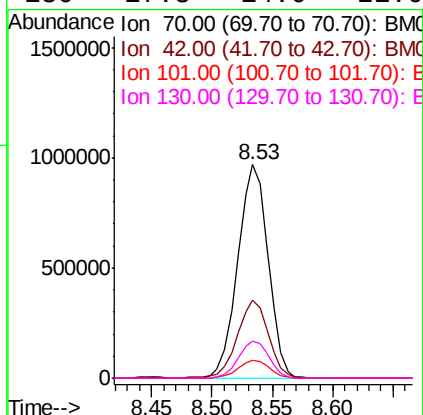
RT: 8.53 min Scan# 926

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tot Ion	Ratio	Lower	Upper
70	100		
42	36.4	29.4	44.0
101	8.6	6.7	10.1
130	17.3	14.0	21.0



Instrument :

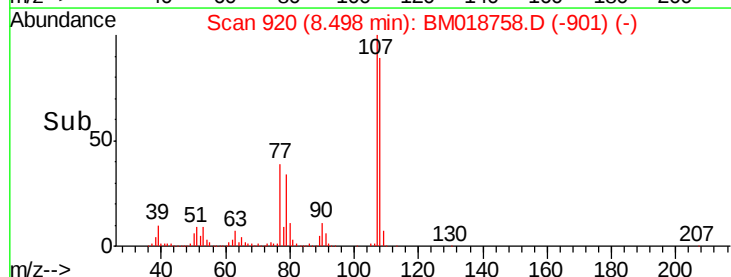
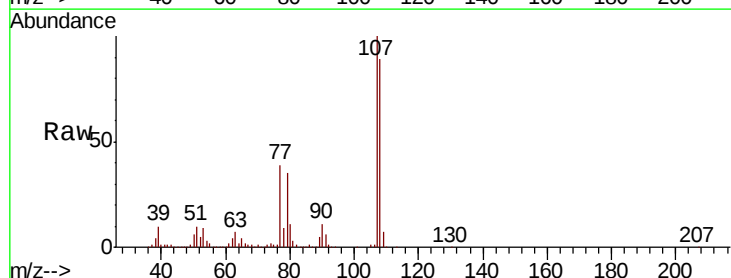
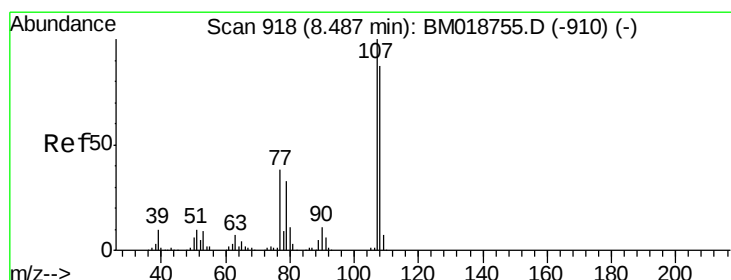
BNA_M

ClientSampleId :

SSTDIC080

Manual Integrations
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#20

3+4-Methylphenols

Concen: 98.694 ng

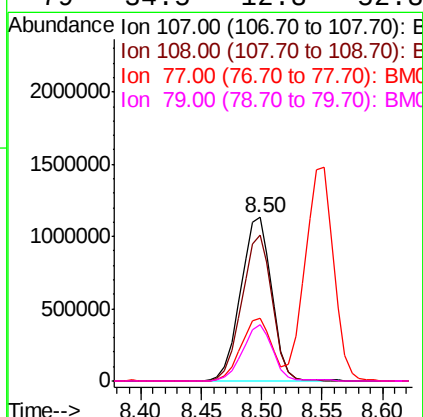
RT: 8.50 min Scan# 920

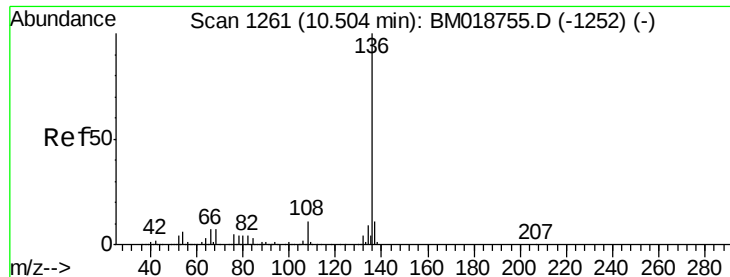
Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	67.3	107.3
77	38.7	18.0	58.0
79	34.5	12.8	52.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

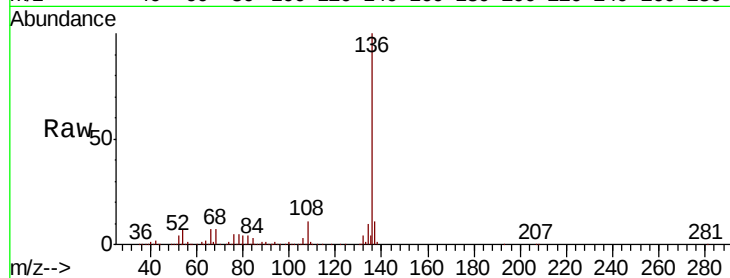
ClientSampleId :

SSTDICC080

Tot Ion:	136	Resp:	1263446
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.7	5.0	7.6
68	7.2	5.5	8.3

Manual Integrations
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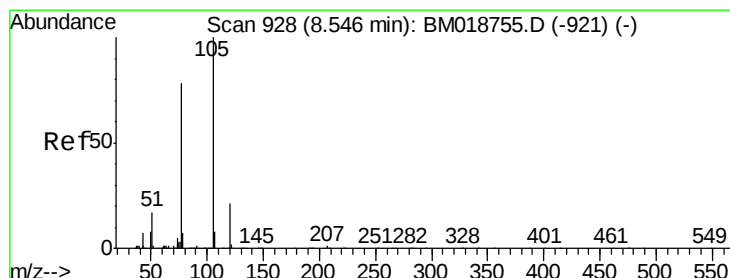
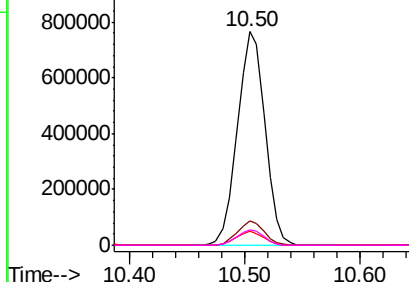
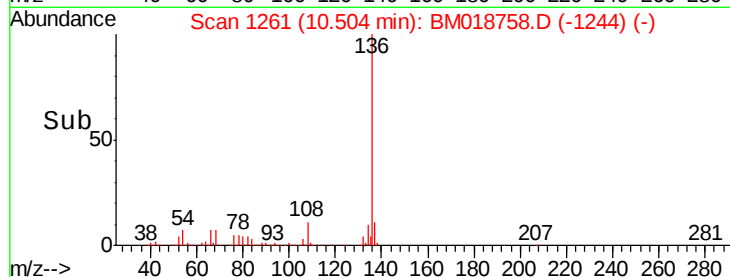
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 91.557 ng

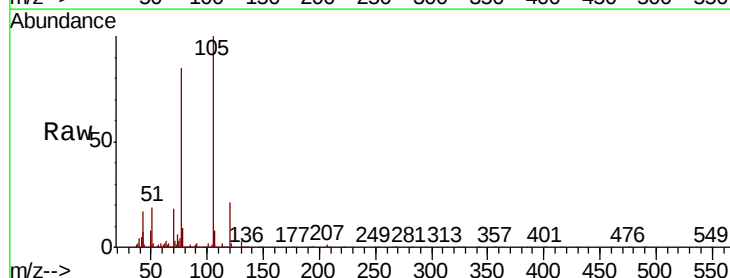
RT: 8.55 min Scan# 929

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tgt Ion:	105	Resp:	2861556
Ion	Ratio	Lower	Upper
105	100		
71	3.0	1.1	1.7#
51	18.9	15.5	23.3
120	21.4	17.0	25.4



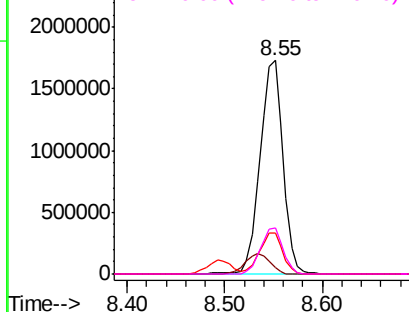
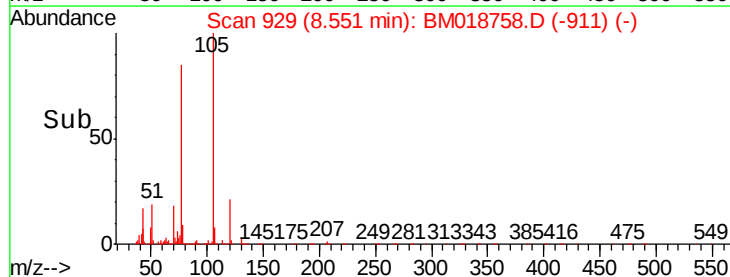
Abundance

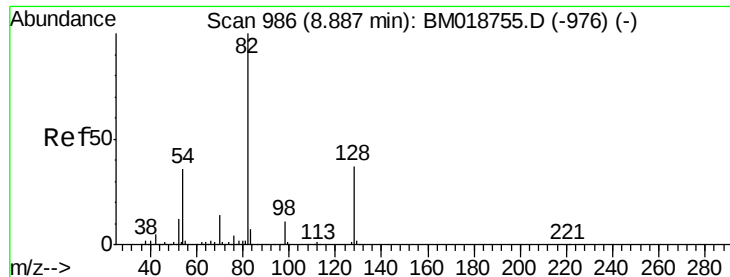
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





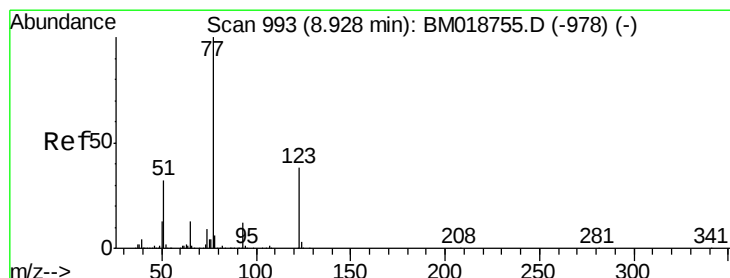
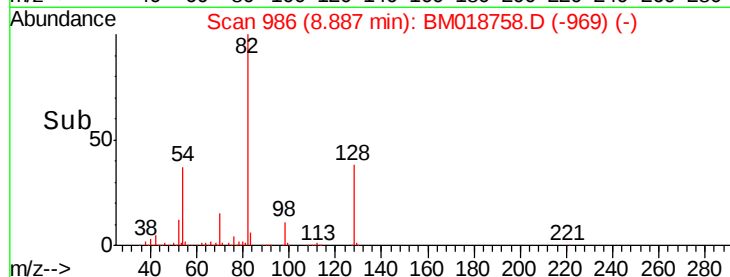
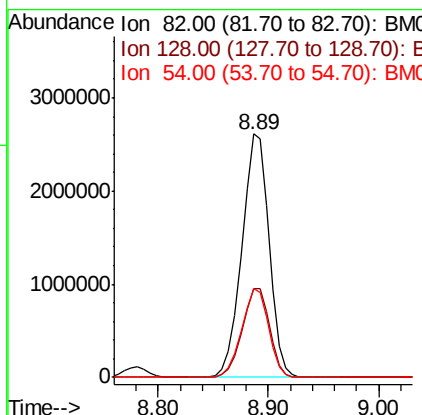
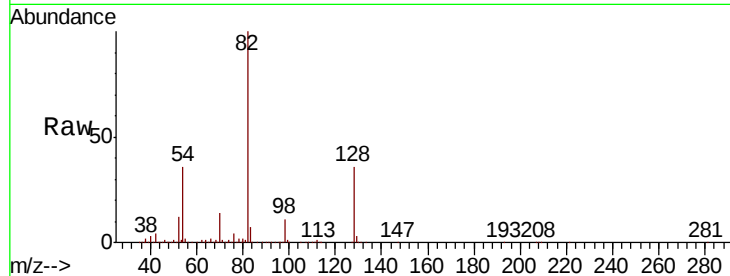
#23
Nitrobenzene-d5
Concen: 207.473 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.9	44.9
54	36.2	29.1	43.7

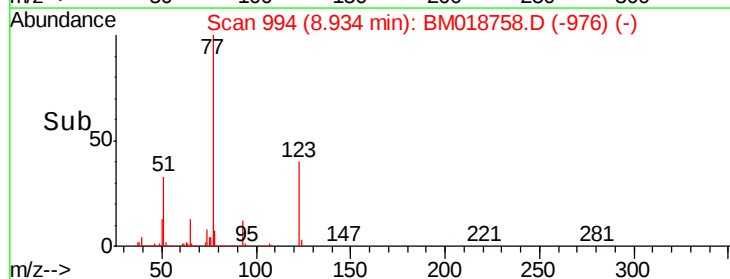
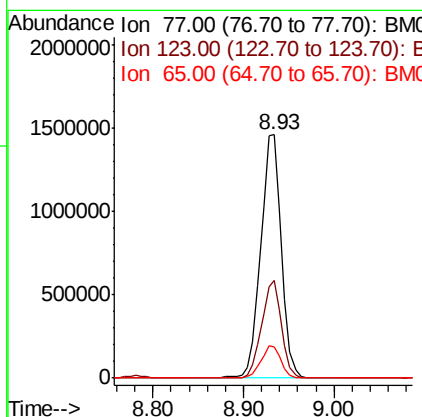
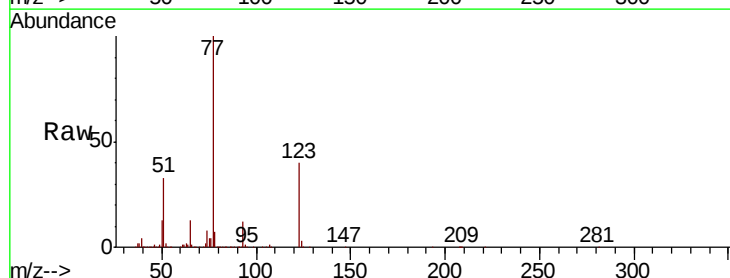
Manual Integrations
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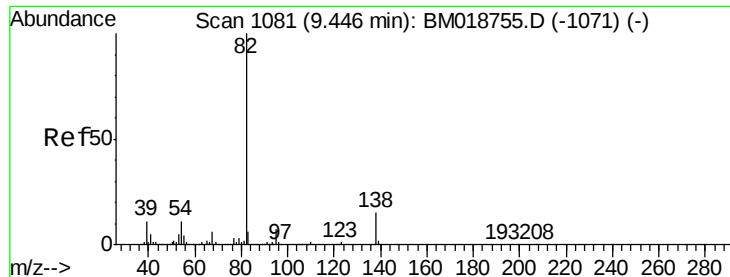
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#24
Nitrobenzene
Concen: 107.378 ng
RT: 8.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.0	30.7	46.1
65	12.7	10.5	15.7





#25

Isophorone

Concen: 112.302 ng

RT: 9.45 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion: 82 Resp: 3706277

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

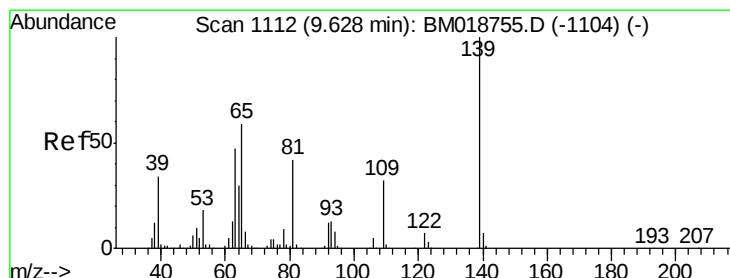
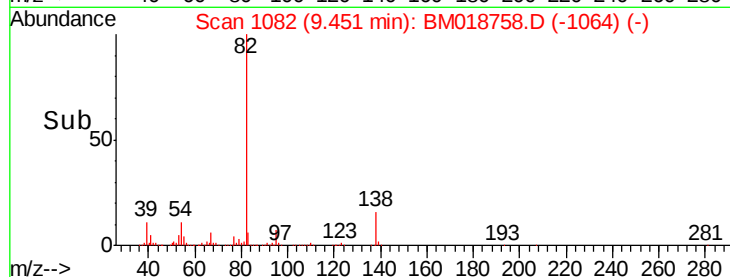
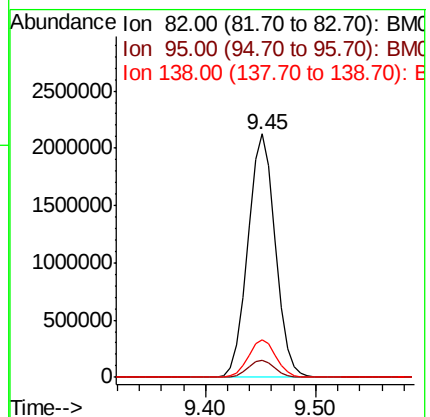
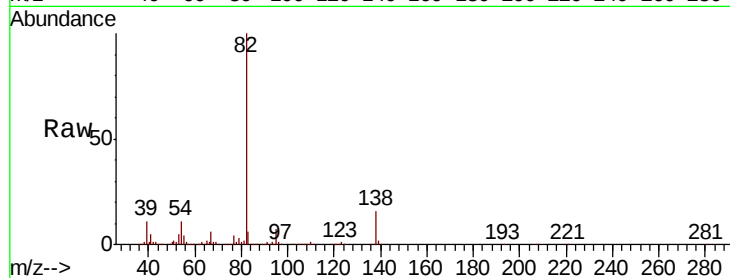
138 15.6 12.3 18.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 97.037 ng

RT: 9.63 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

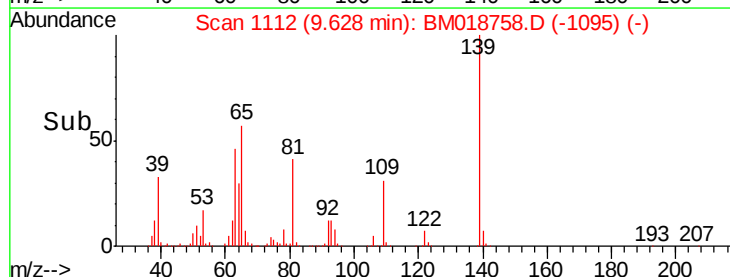
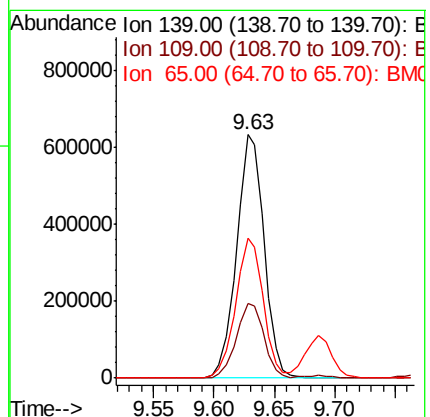
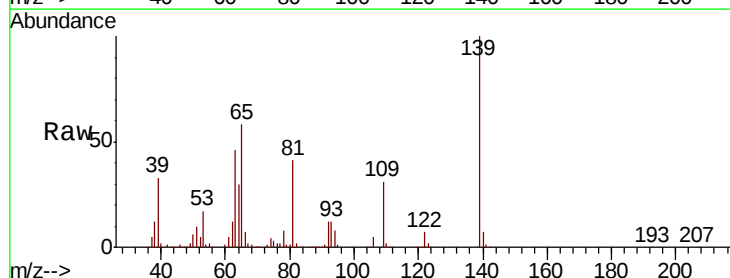
Tgt Ion: 139 Resp: 1006179

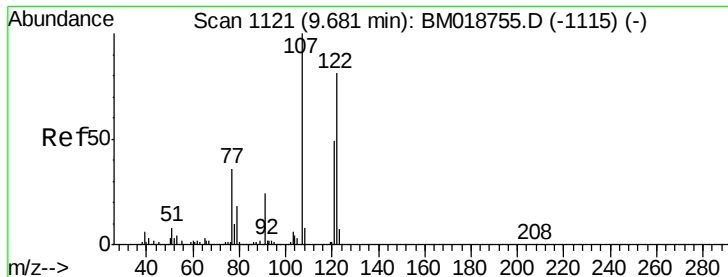
Ion Ratio Lower Upper

139 100

109 30.8 25.2 37.8

65 57.5 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 88.483 ng

RT: 9.69 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

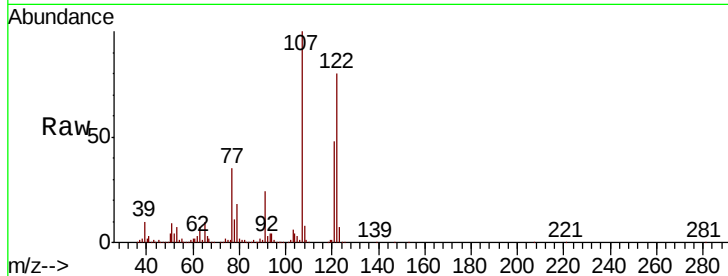
ClientSampleId :

SSTDICC080

Tot Ion:	122	Resp:	1375197
Ion	Ratio	Lower	Upper
122	100		
107	124.2	97.6	146.4
121	60.1	47.9	71.9

Manual Integrations
APPROVED

Sohil
2/12/2019 12:11:44 PM

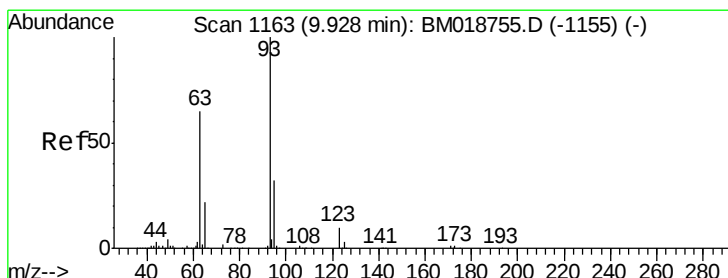
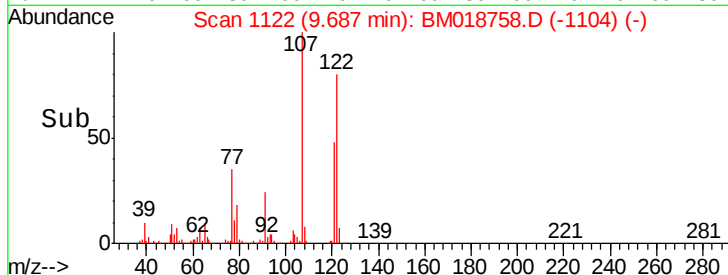
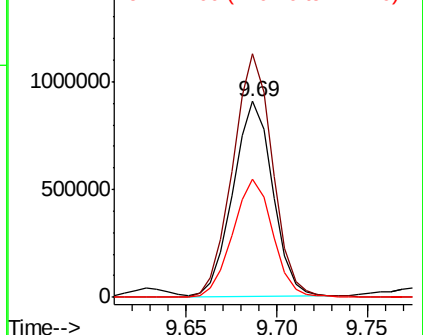


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 100.670 ng

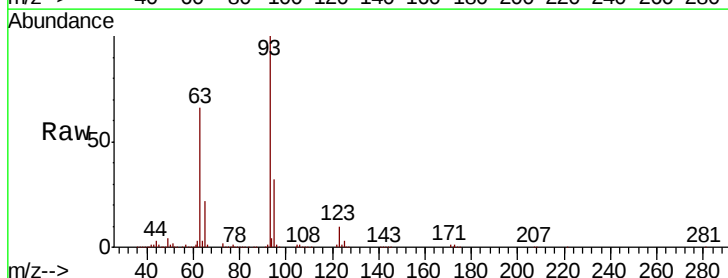
RT: 9.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tgt Ion:	93	Resp:	2295182
Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	10.4	8.2	12.4

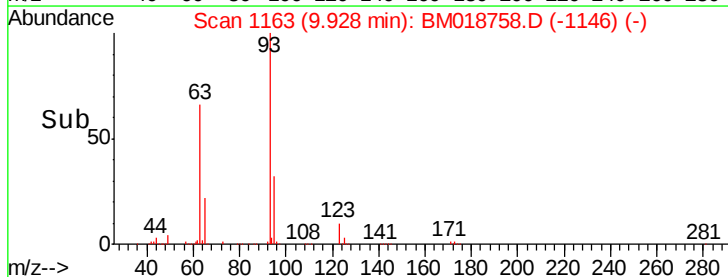
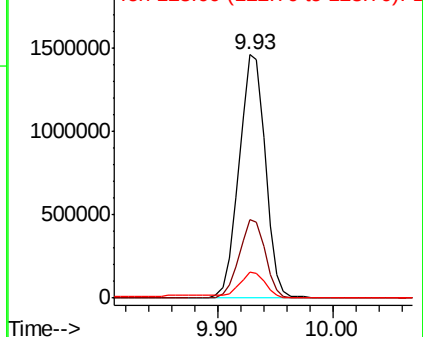


Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





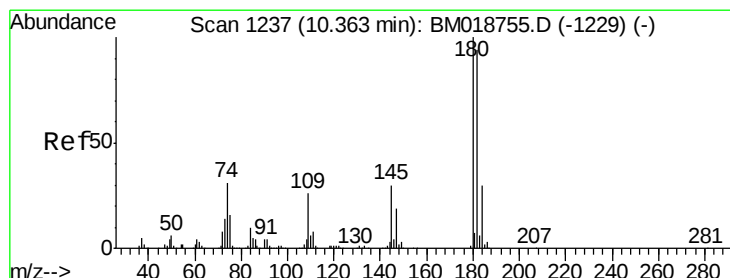
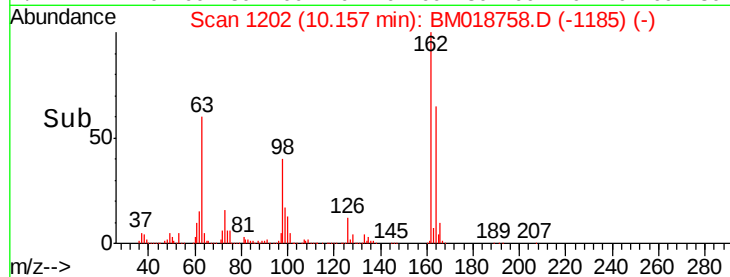
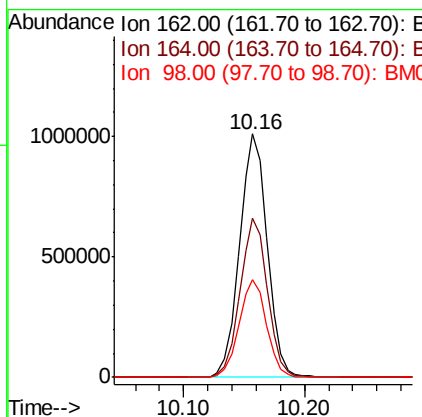
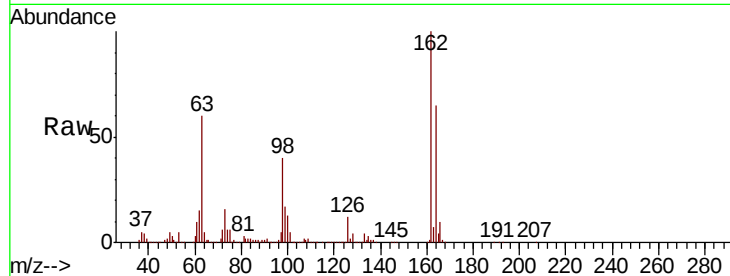
#29
2,4-Dichlorophenol
Concen: 87.279 ng
RT: 10.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.1	84.1
98	40.0	19.4	59.4

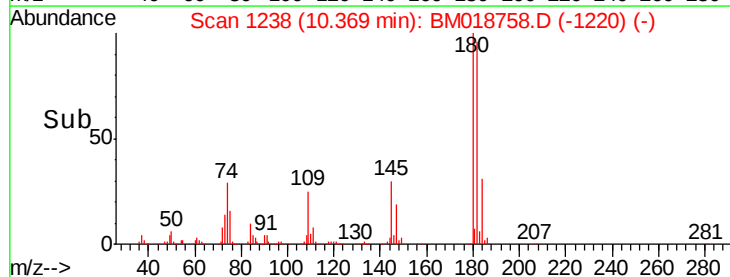
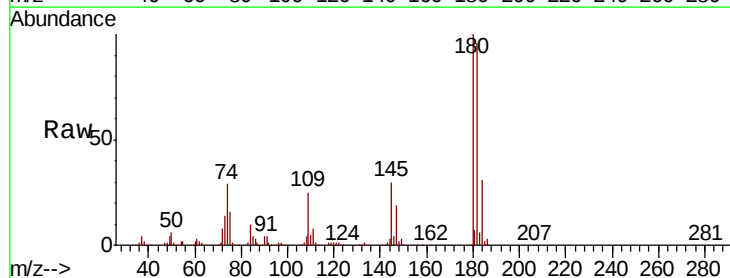
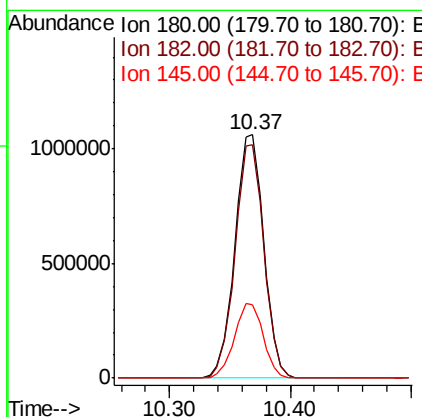
Manual Integrations
APPROVED

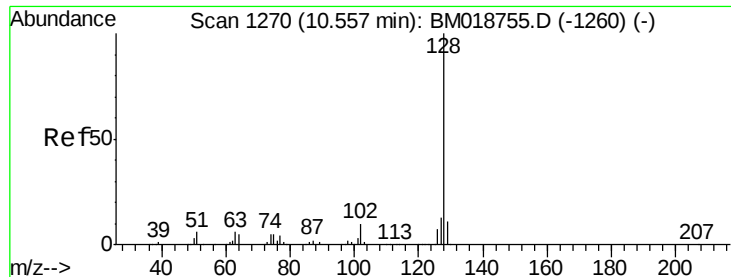
Sohil
2/12/2019 12:11:44 PM



#30
1,2,4-Trichlorobenzene
Concen: 77.174 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.0	112.6
145	30.1	24.1	36.1





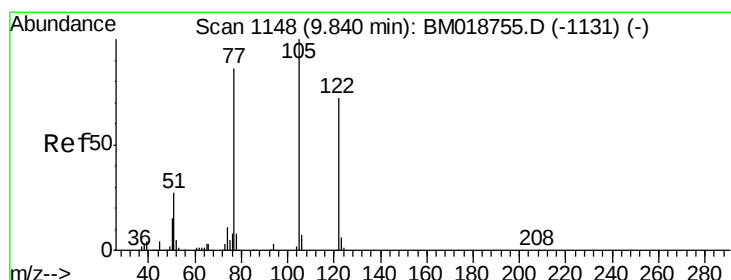
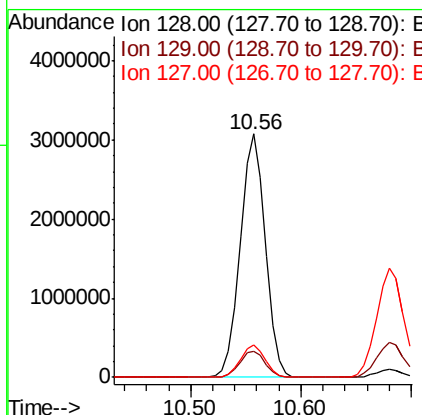
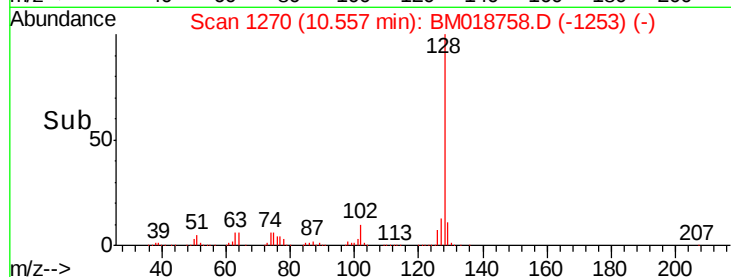
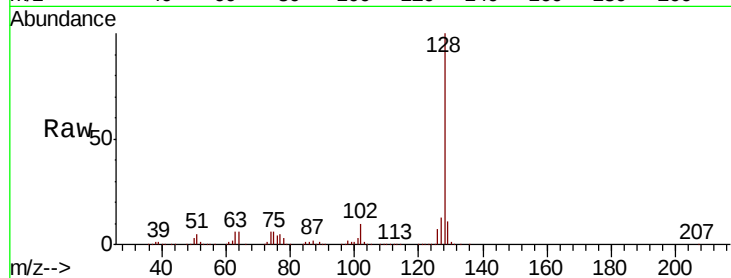
#31
Naphthalene
Concen: 80.613 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.3	10.7	16.1

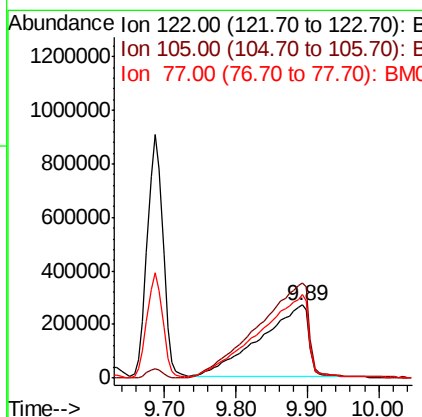
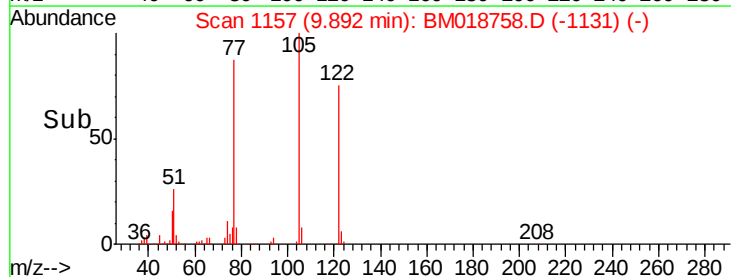
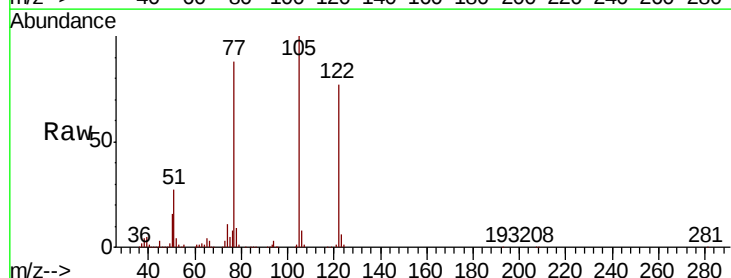
Manual Integrations
APPROVED

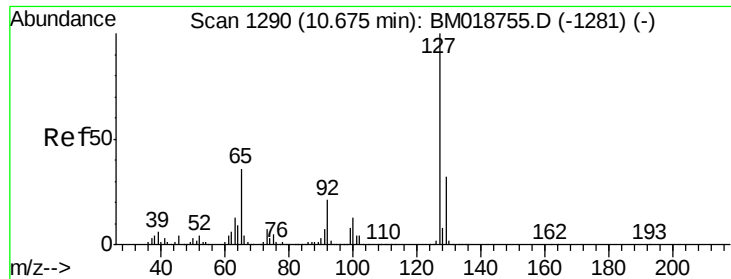
Sohil
2/12/2019 12:11:44 PM



#32
Benzoic acid
Concen: 133.547 ng m
RT: 9.89 min Scan# 1157
Delta R.T. 0.05 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.4	117.5	157.5
77	114.7	98.5	138.5





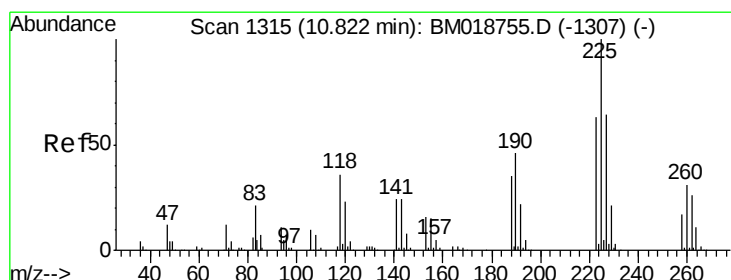
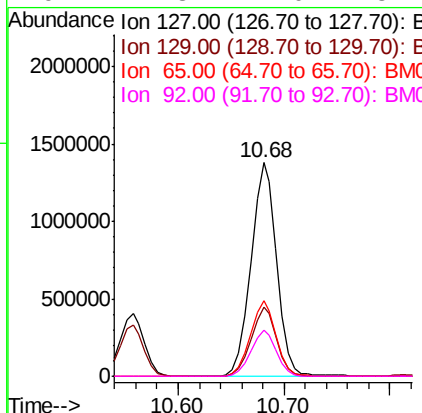
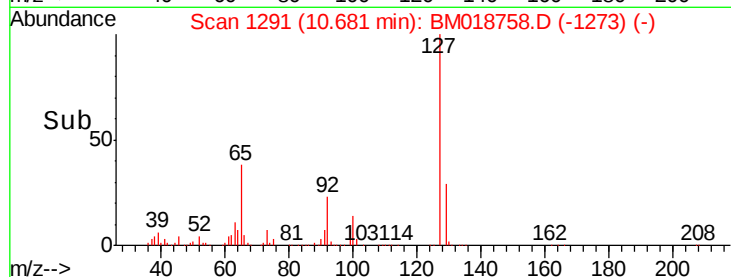
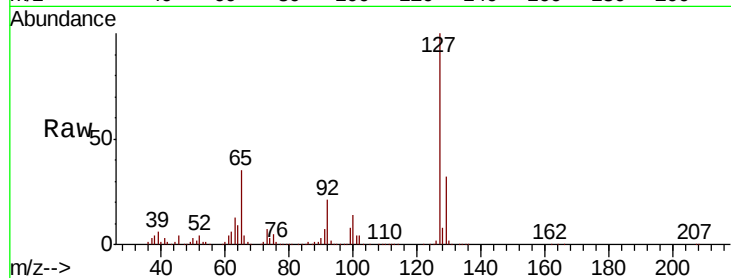
#33
4-Chloroaniline
Concen: 97.074 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.7	38.5		
65	35.4	28.7	43.1		
92	21.3	17.0	25.4		

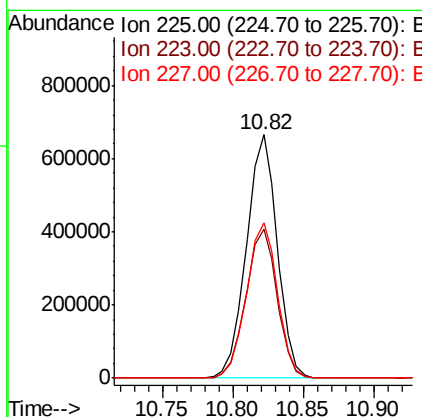
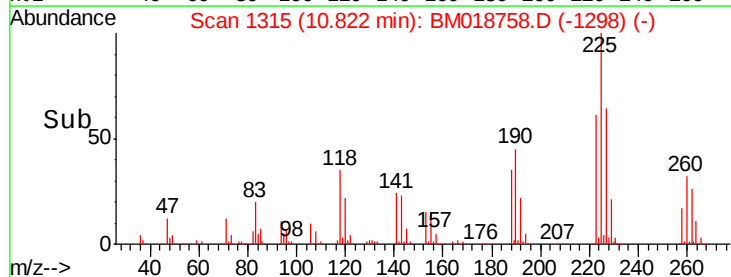
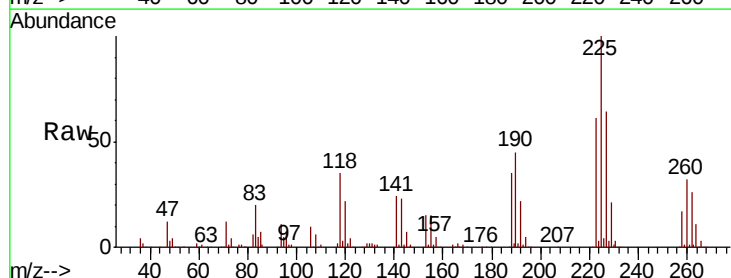
Manual Integrations
APPROVED

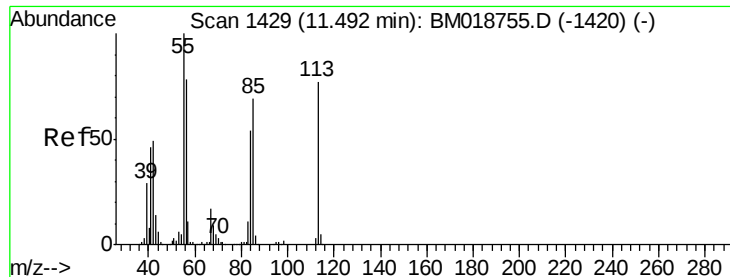
Sohil
2/12/2019 12:11:44 PM



#34
Hexachlorobutadiene
Concen: 70.278 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	50.1	75.1		
227	64.0	51.4	77.0		





#35

Caprolactam

Concen: 108.030 ng/mL

RT: 11.53 min Scan# 1435

Delta R.T. 0.04 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:113 Resp: 679739

Ion Ratio Lower Upper

113 100

55 131.7 110.7 150.7

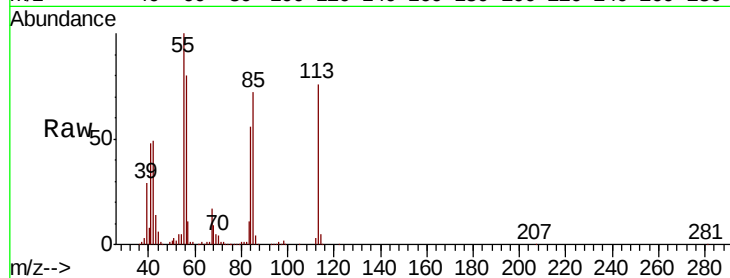
56 105.8 82.4 122.4

Manual Integrations

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Sohil

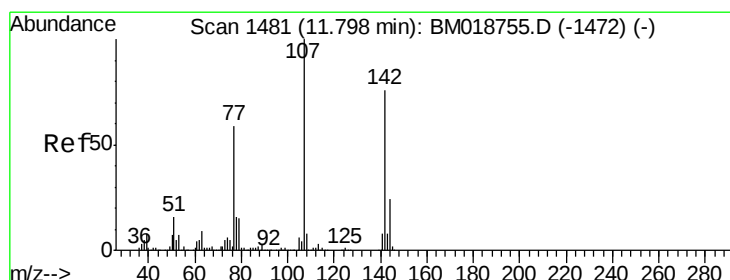
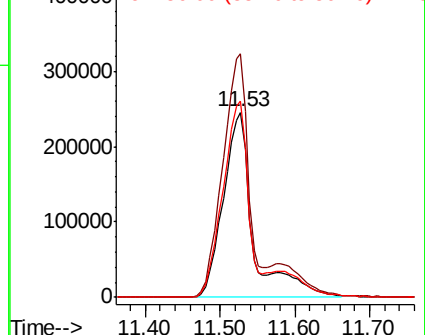
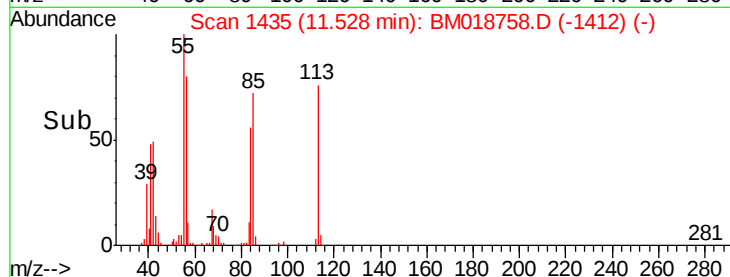
2/12/2019 12:11:44 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 100.412 ng/mL

RT: 11.81 min Scan# 1483

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

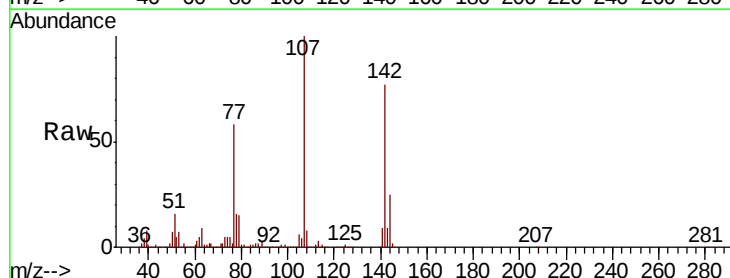
Tgt Ion:107 Resp: 1949601

Ion Ratio Lower Upper

107 100

144 25.2 19.3 28.9

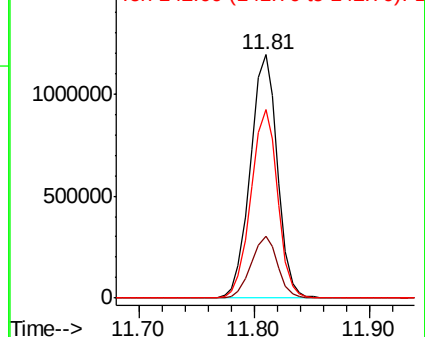
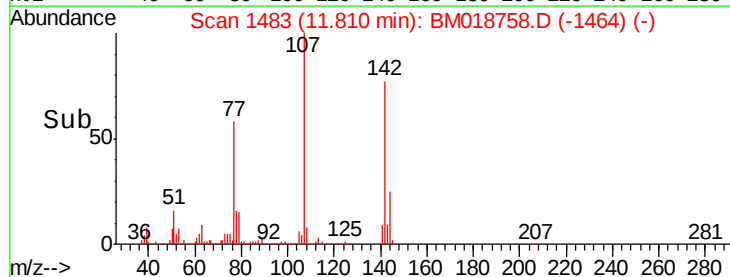
142 77.2 60.5 90.7

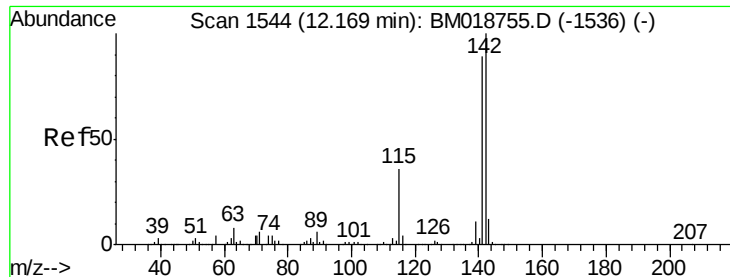


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





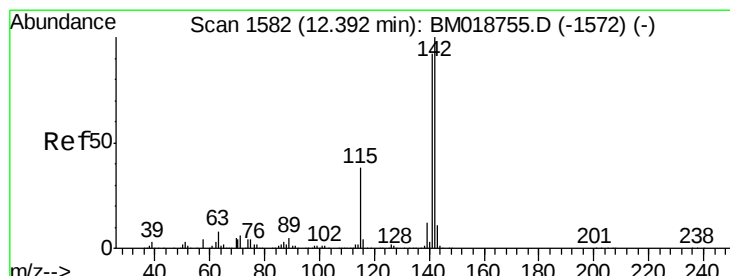
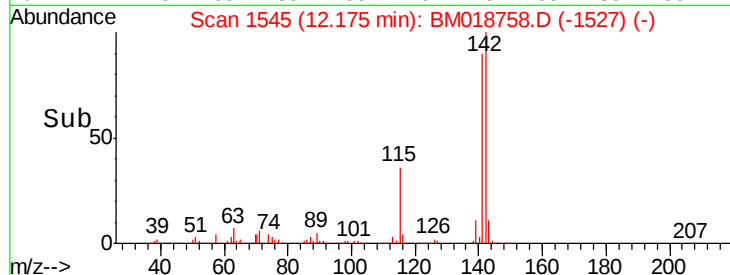
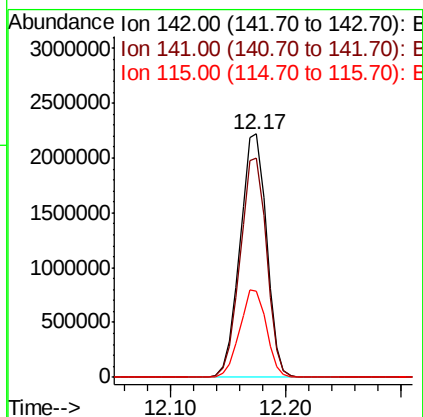
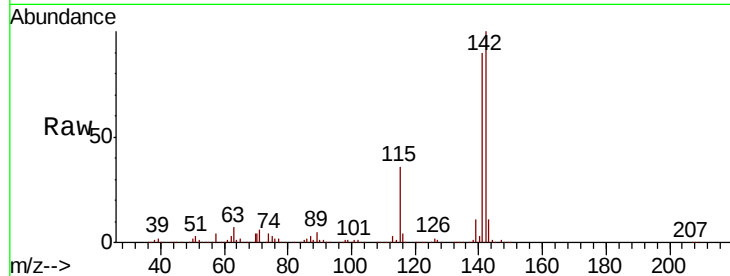
#37
2-Methylnaphthalene
Concen: 82.470 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.2	106.8
115	35.5	29.1	43.7

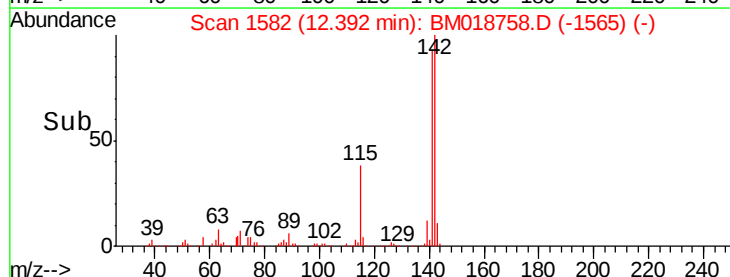
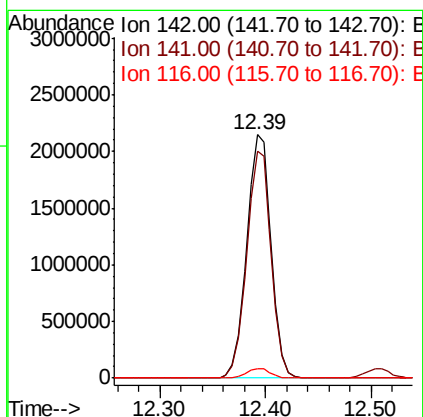
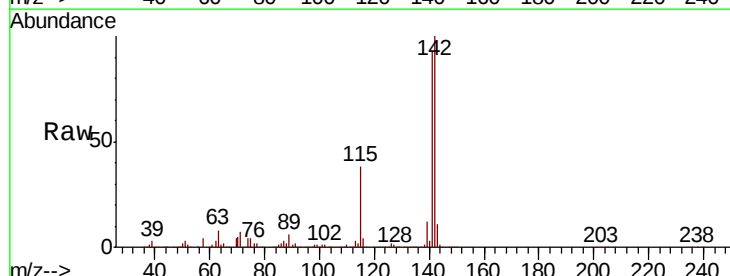
Manual Integrations
APPROVED

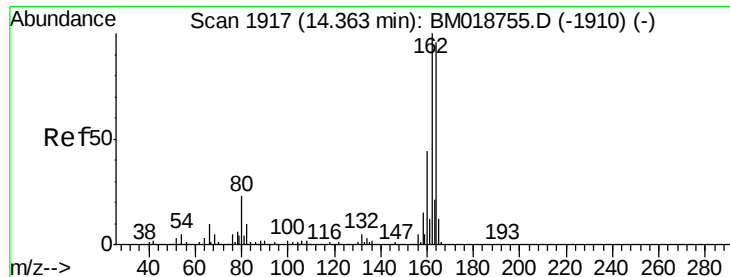
Sohil
2/12/2019 12:11:44 PM



#38
1-Methylnaphthalene
Concen: 82.574 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9
116	4.0	3.0	4.4





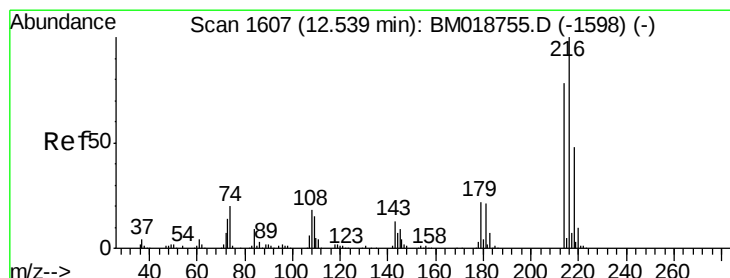
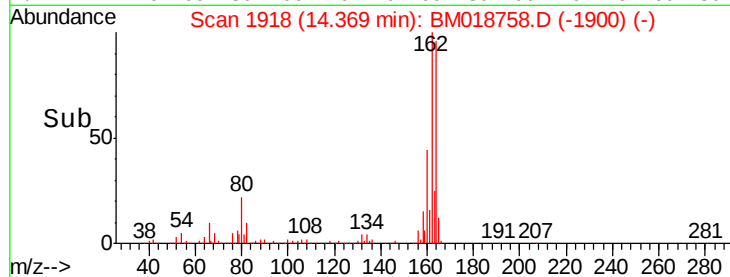
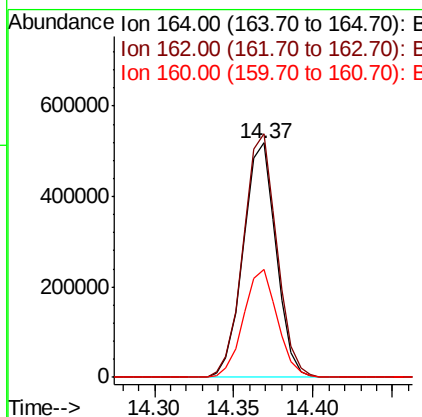
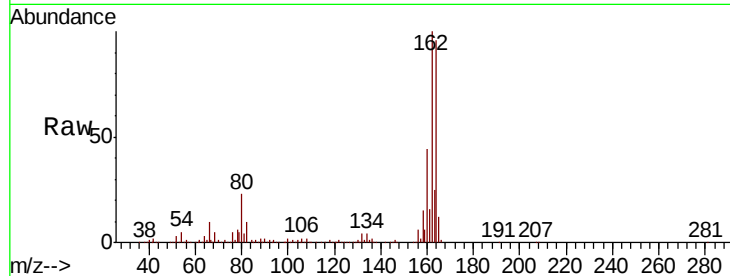
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	83.4	125.0
160	46.2	36.6	55.0

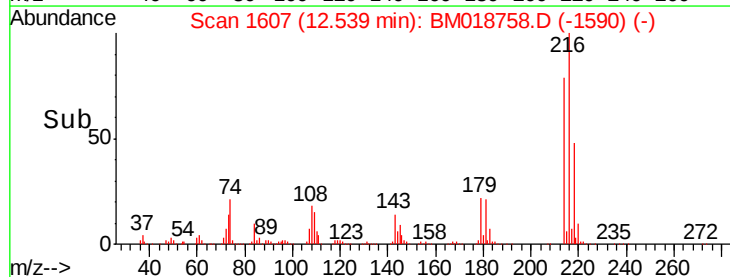
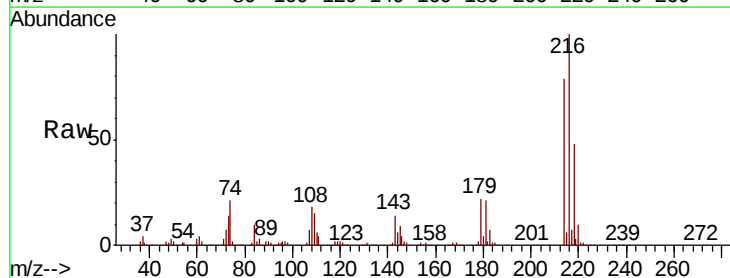
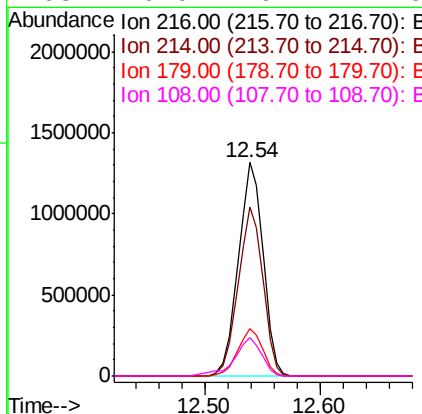
Manual Integrations
APPROVED

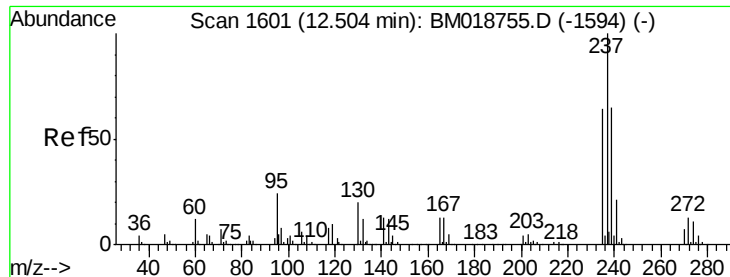
Sohil
2/12/2019 12:11:44 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 74.827 ng
RT: 12.54 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.2	94.8
179	22.3	17.8	26.8
108	20.0	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 73.950 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:237 Resp: 1056858

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

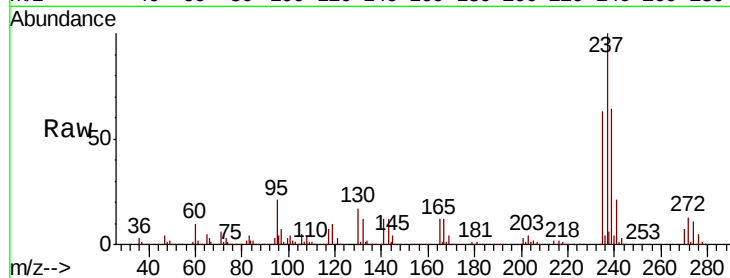
272 13.2 0.0 33.3

Manual Integrations

APPROVED

Sohil

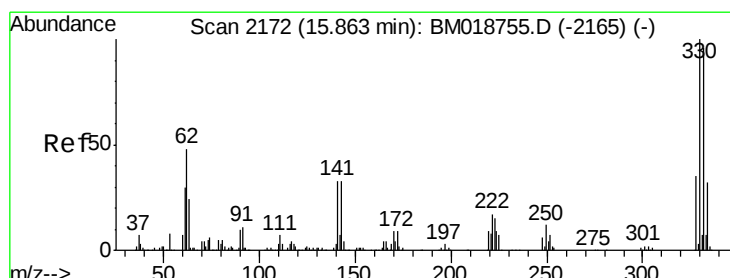
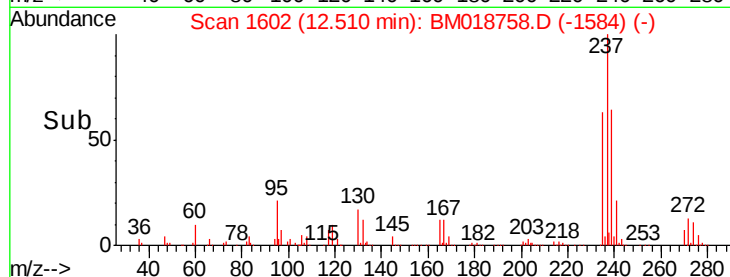
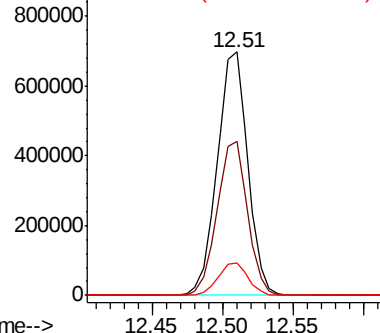
2/12/2019 12:11:44 PM



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: 201.561 ng

RT: 15.87 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

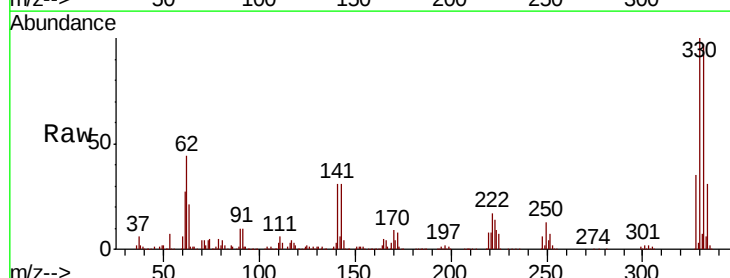
Tgt Ion:330 Resp: 1911093

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

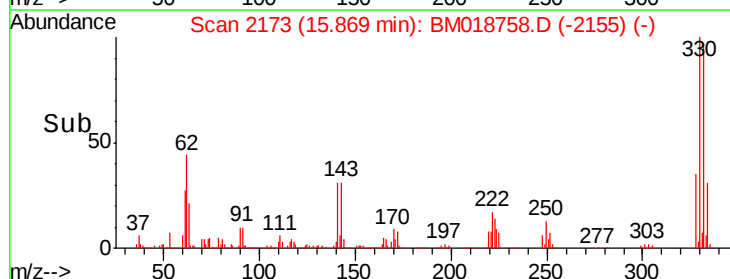
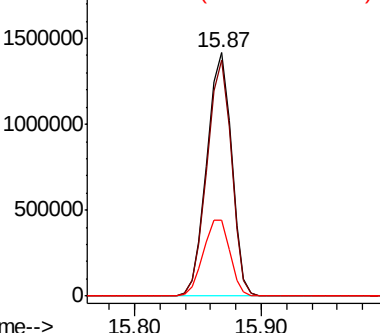
141 33.8 28.7 43.1



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





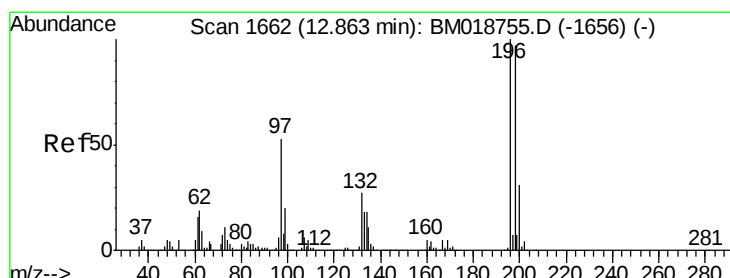
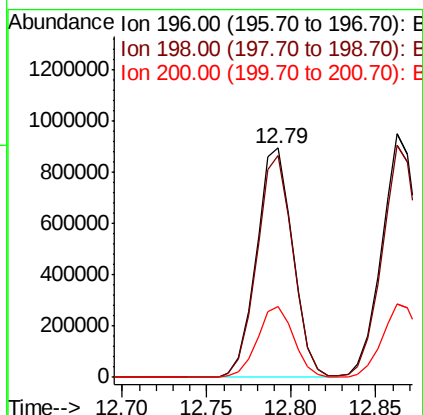
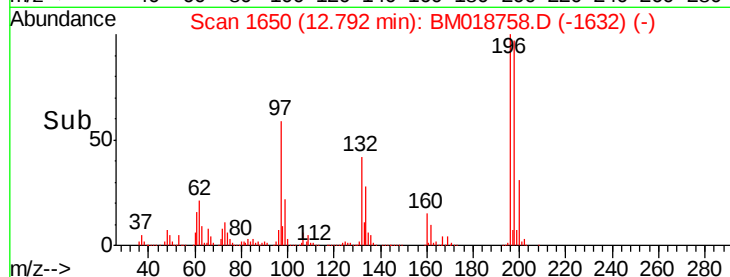
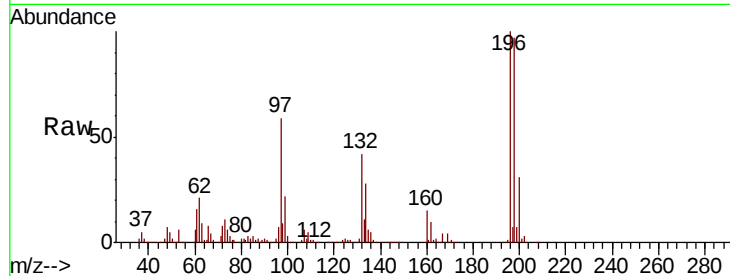
#43
 2,4,6-Trichlorophenol
 Concen: 84.570 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.01 min
 Lab File: BM018758.D
 Acq: 11 Feb 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.2
200	30.8	24.2	36.2

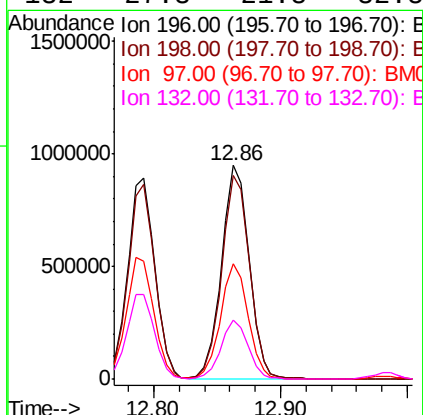
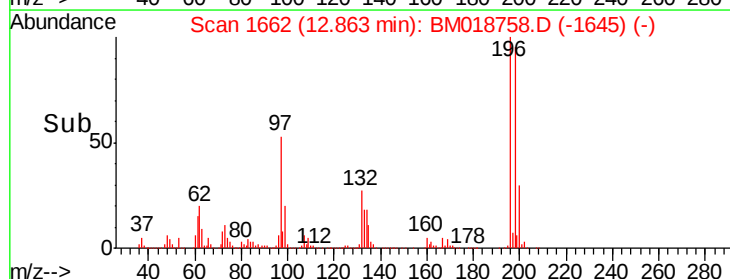
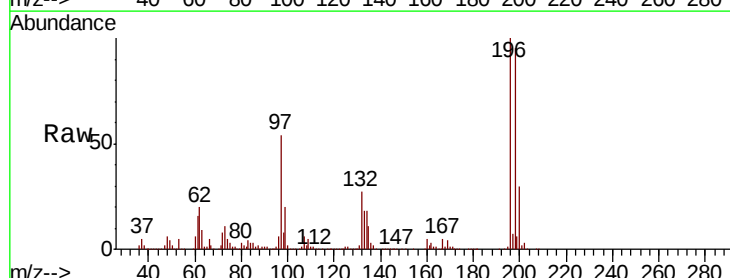
Manual Integrations
 APPROVED

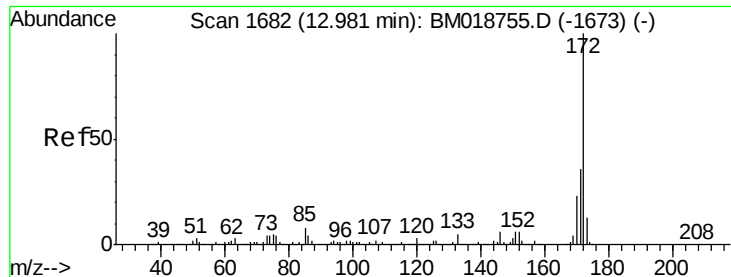
Sohil
 2/12/2019 12:11:44 PM



#44
 2,4,5-Trichlorophenol
 Concen: 85.913 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM018758.D
 Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.6	116.4
97	54.0	42.8	64.2
132	27.3	21.8	32.8





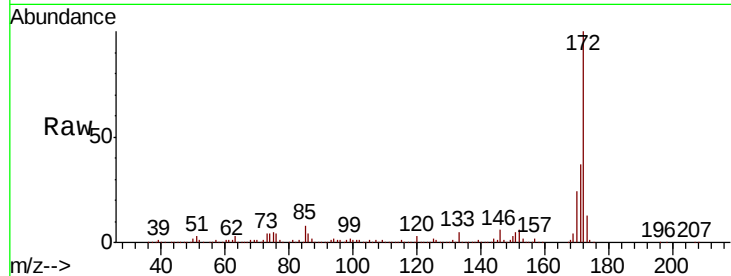
#45
2-Fluorobiphenyl
Concen: 156.225 ng
RT: 12.99 min Scan# 1683
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.0	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/12/2019 12:11:44 PM

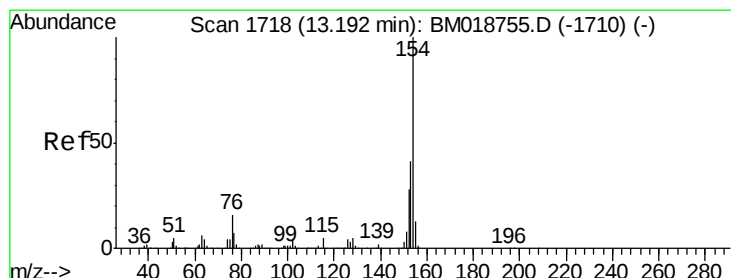
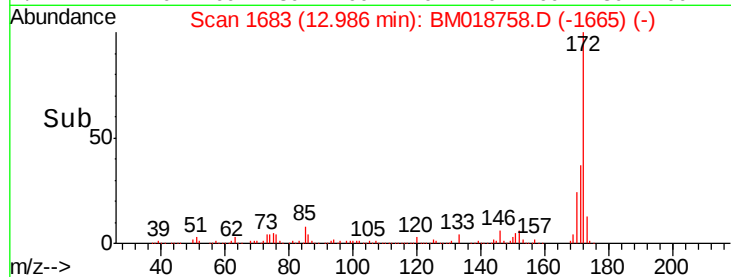
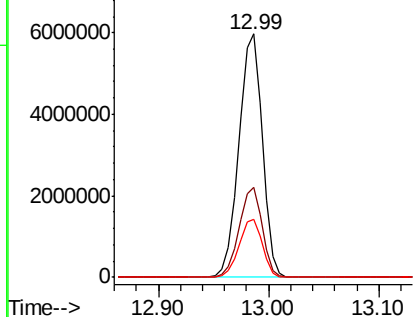


Abundance

Ion 172.00 (171.70 to 172.70): E

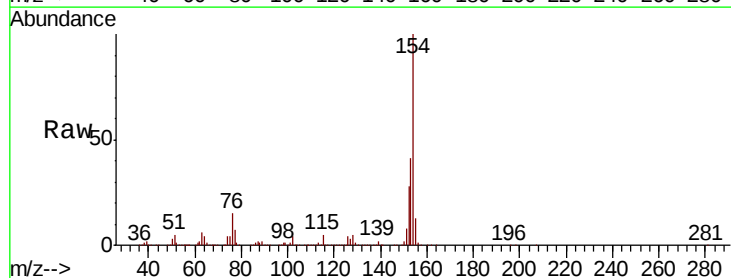
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 79.058 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	15.3	0.0	35.7

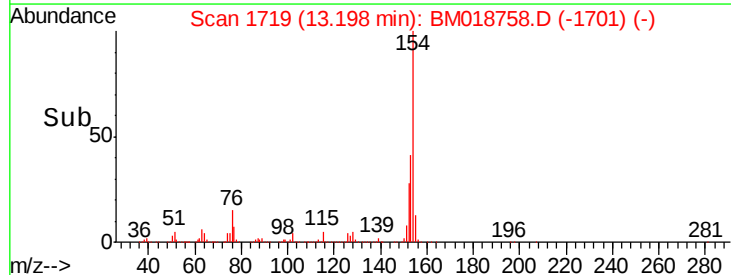
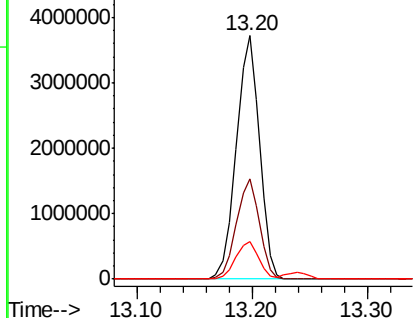


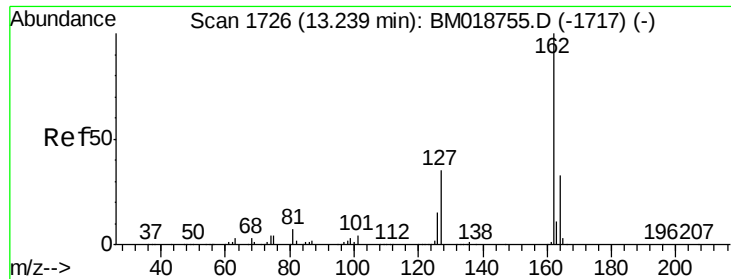
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





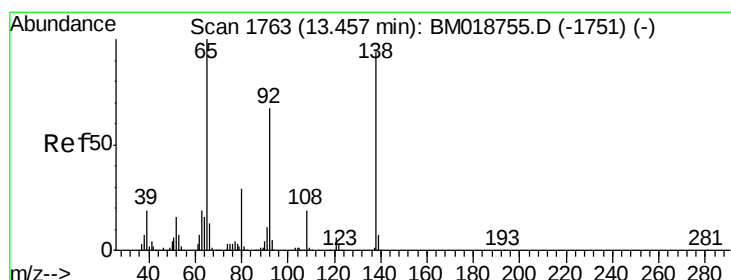
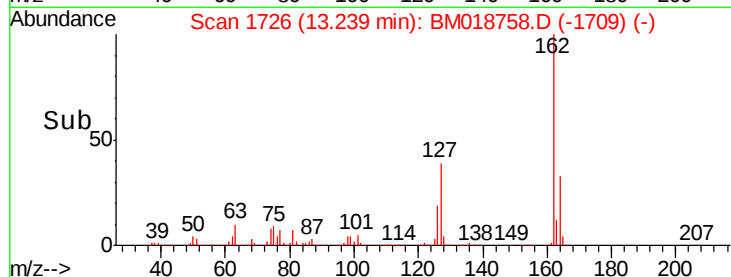
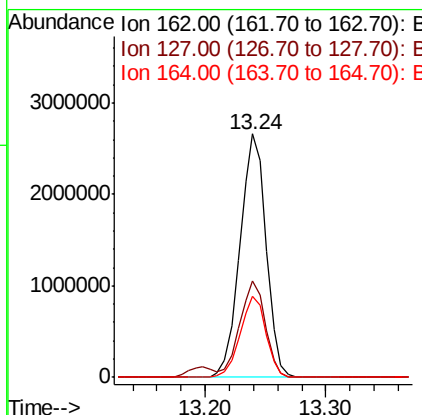
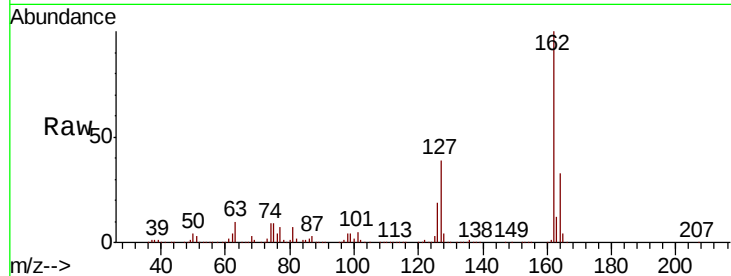
#47
2-Chloronaphthalene
Concen: 79.390 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.1	46.7
164	33.1	26.4	39.6

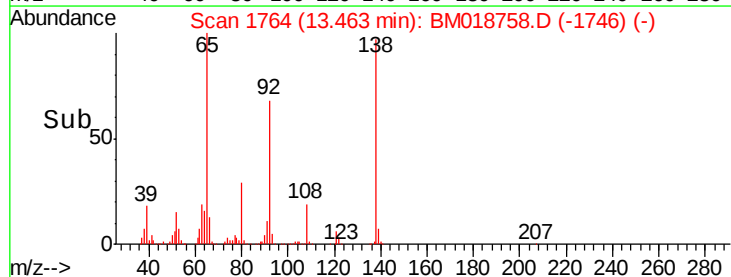
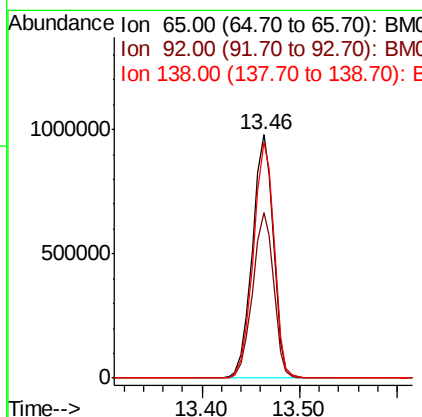
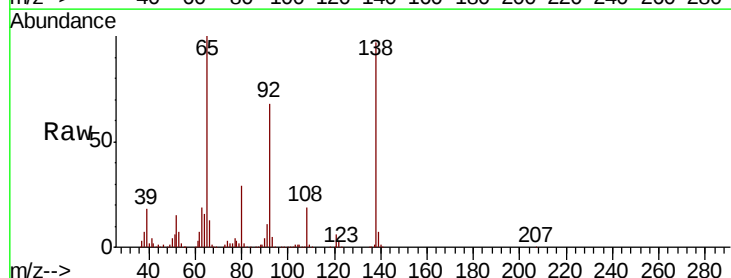
Manual Integrations
APPROVED

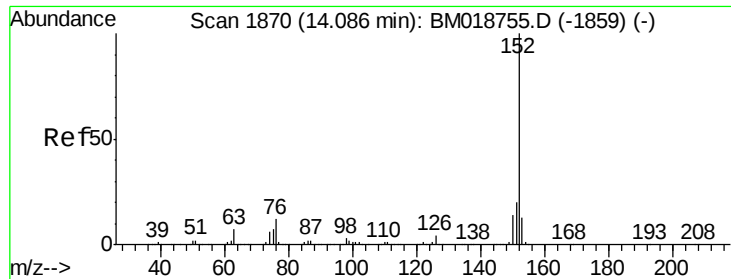
Sohil
2/12/2019 12:11:44 PM



#48
2-Nitroaniline
Concen: 118.470 ng
RT: 13.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.2	54.0	81.0
138	97.0	74.9	112.3





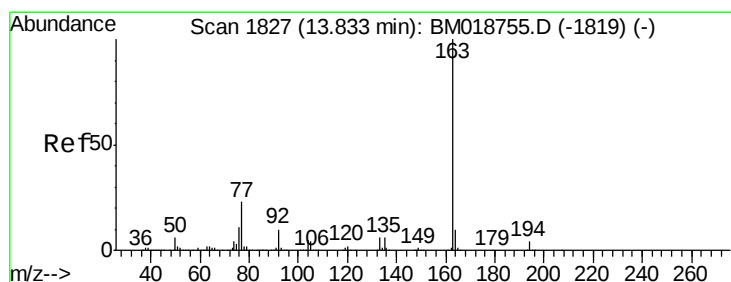
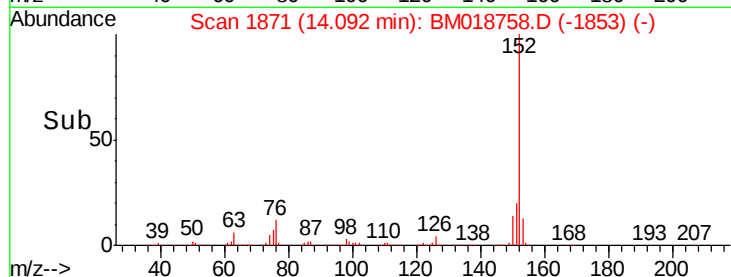
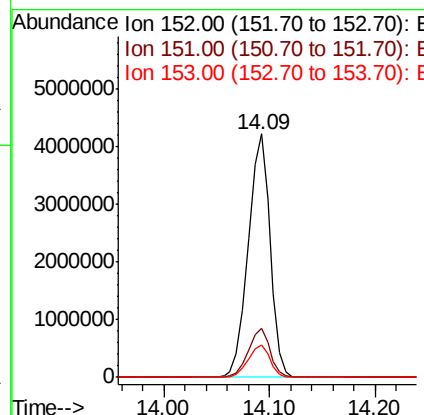
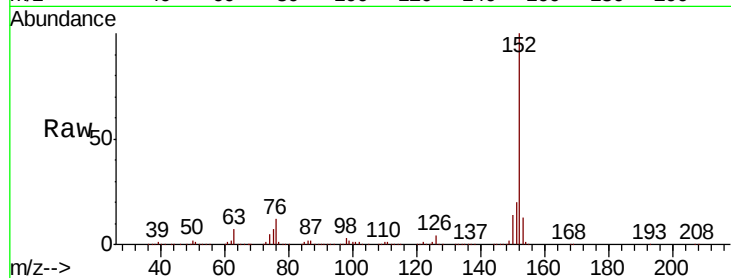
#49
Acenaphthylene
Concen: 82.287 ng
RT: 14.09 min Scan# 1871
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.1	10.5	15.7

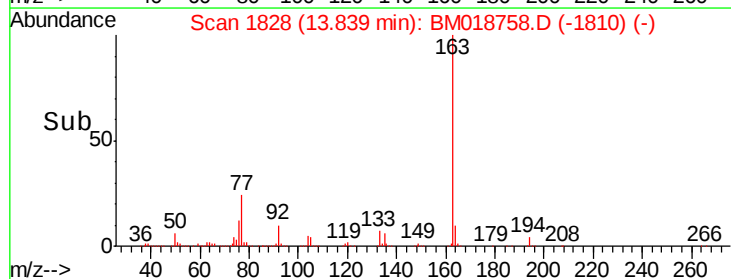
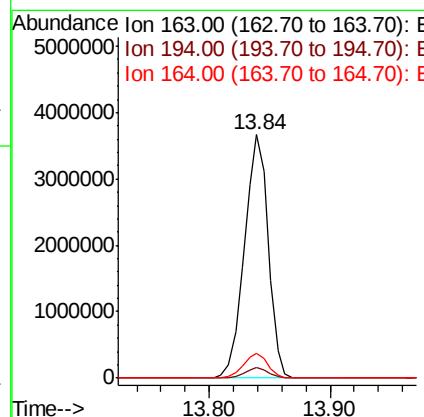
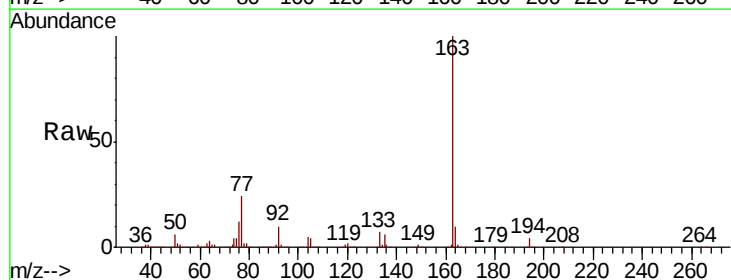
Manual Integrations
APPROVED

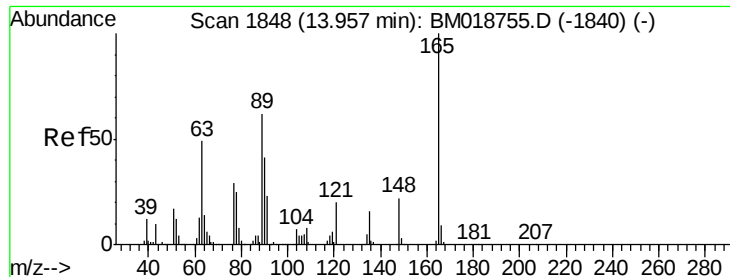
Sohil
2/12/2019 12:11:44 PM



#50
Dimethylphthalate
Concen: 82.576 ng
RT: 13.84 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 89.784 ng

RT: 13.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampled :

SSTDICC080

Tot Ion:165 Resp: 1163082

Ion Ratio Lower Upper

165 100

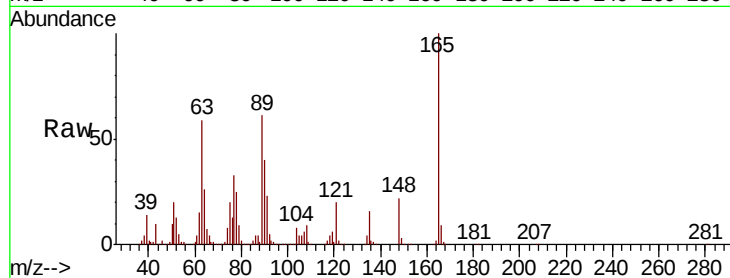
63 58.8 48.9 73.3

89 60.9 49.4 74.0

Manual Integrations
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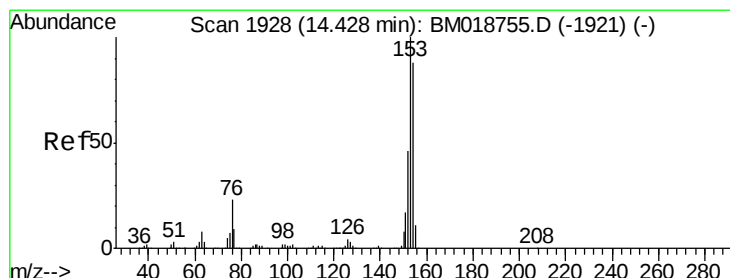
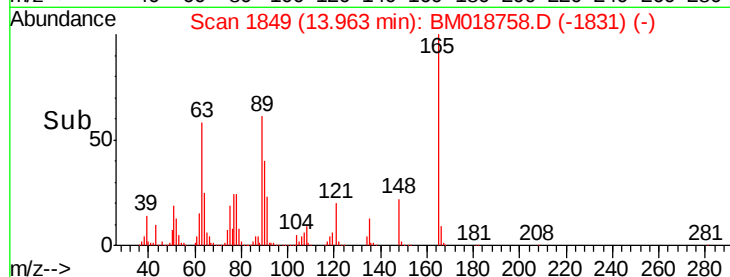
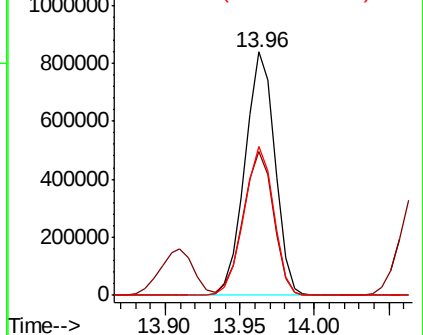
2/12/2019 12:11:44 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 81.567 ng

RT: 14.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

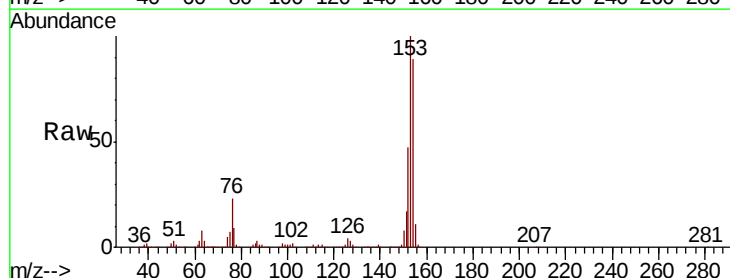
Tgt Ion:154 Resp: 3667076

Ion Ratio Lower Upper

154 100

153 112.1 91.3 136.9

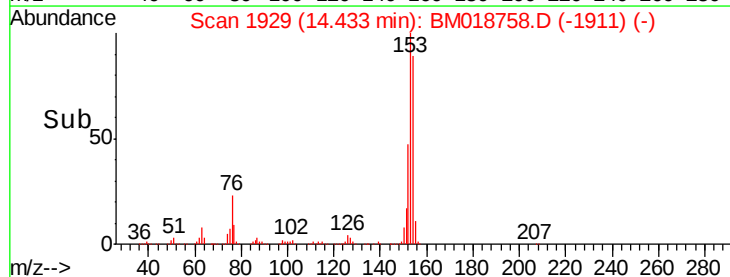
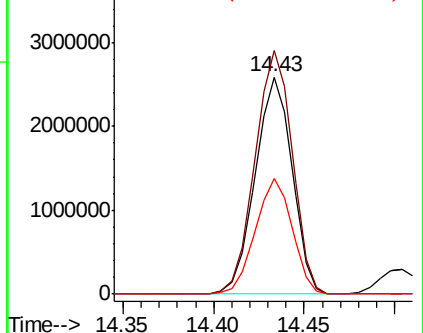
152 53.1 42.2 63.4

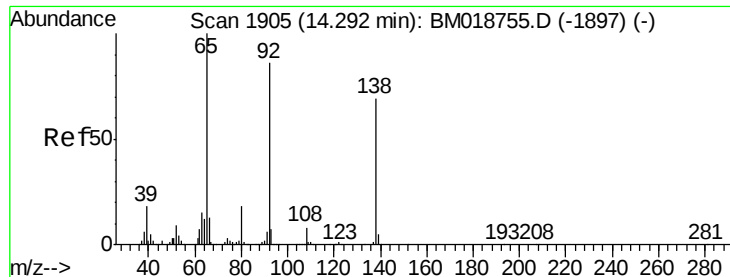


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





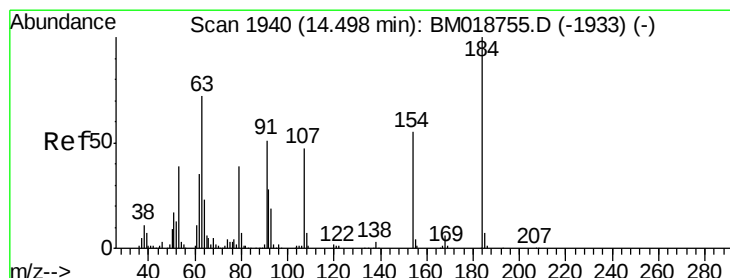
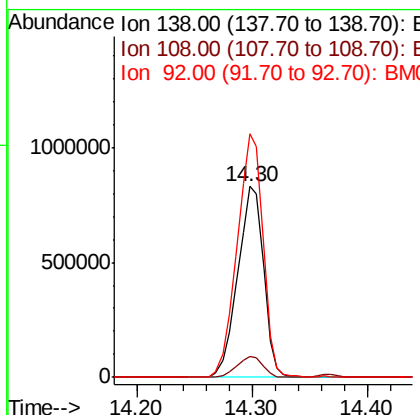
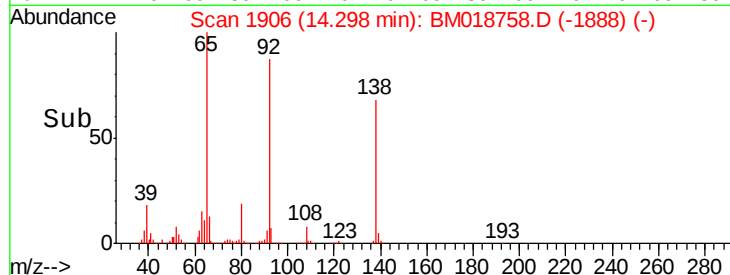
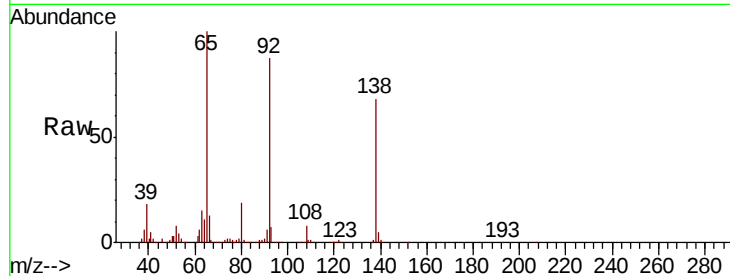
#53
3-Nitroaniline
Concen: 98.594 ng
RT: 14.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampled :
SSTDICC080

Tot Ion:138 Resp: 1287636
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 127.6 99.7 149.5

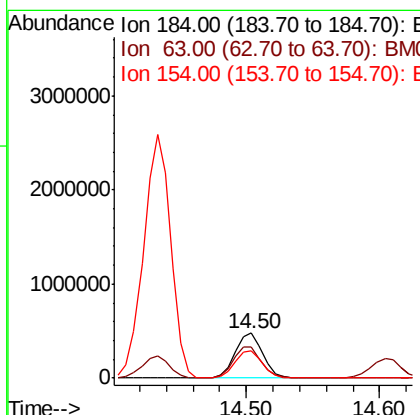
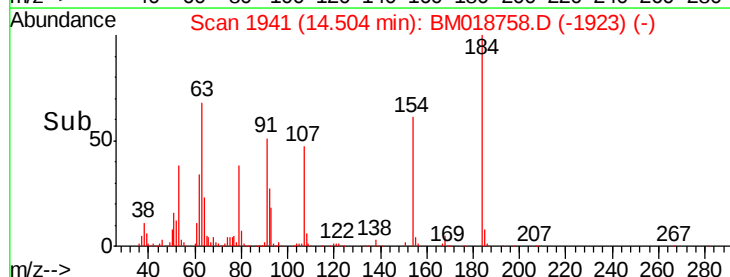
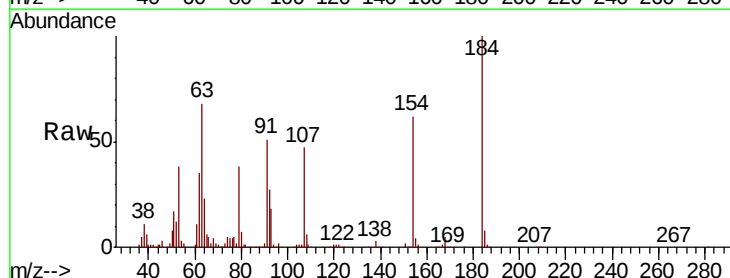
Manual Integrations
APPROVED

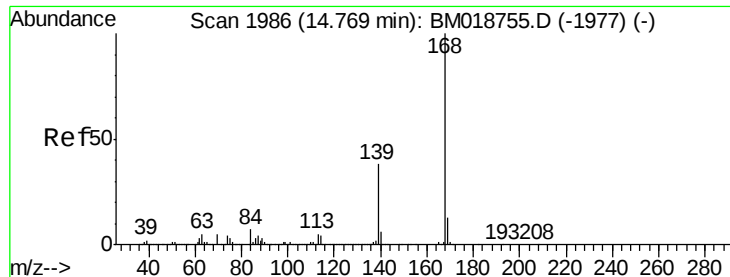
Sohil
2/12/2019 12:11:44 PM



#54
2,4-Dinitrophenol
Concen: 117.194 ng
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion:184 Resp: 690967
Ion Ratio Lower Upper
184 100
63 68.5 58.0 87.0
154 62.0 50.3 75.5





#55

Dibenzofuran

Concen: 80.257 ng

RT: 14.77 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampled :

SSTDIC080

Tot Ion:168 Resp: 5961696

Ion Ratio Lower Upper

168 100

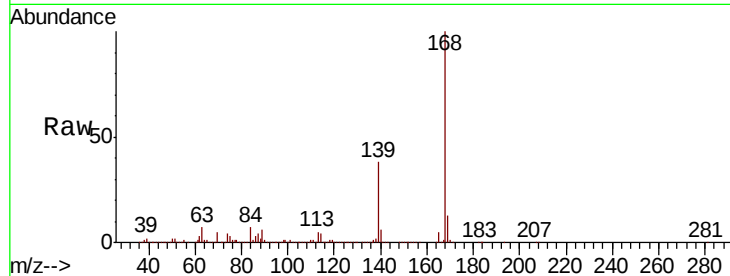
139 38.1 30.7 46.1

169 13.5 10.3 15.5

Manual Integrations
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Sohil

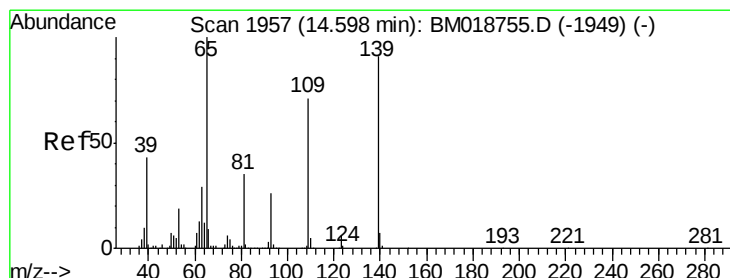
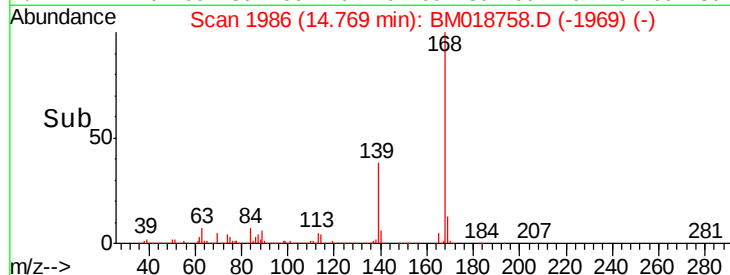
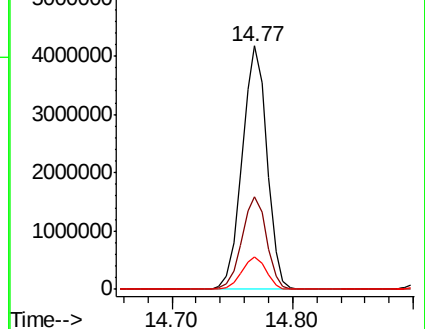
2/12/2019 12:11:44 PM



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 93.749 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

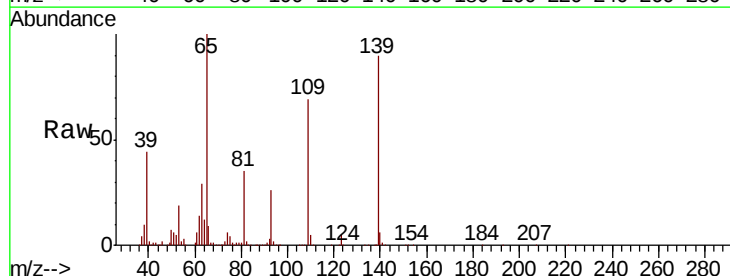
Tgt Ion:139 Resp: 1057723

Ion Ratio Lower Upper

139 100

109 77.0 58.4 98.4

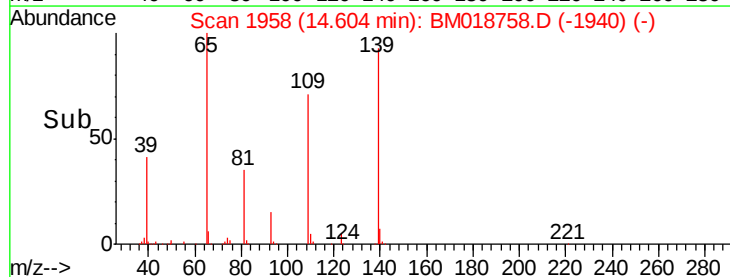
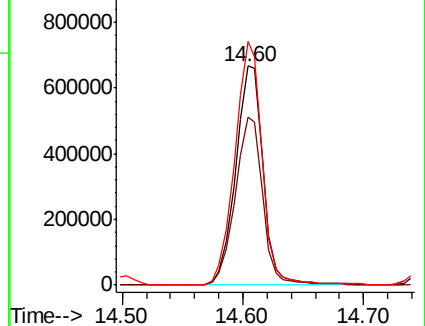
65 111.1 89.8 129.8

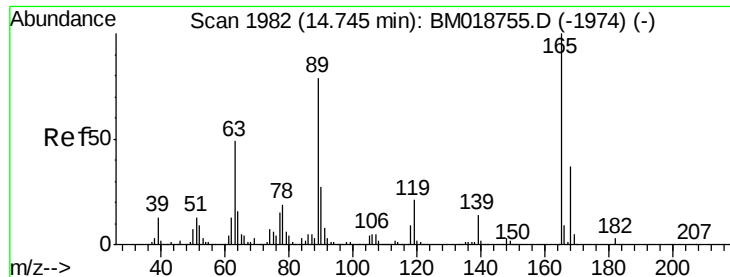


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





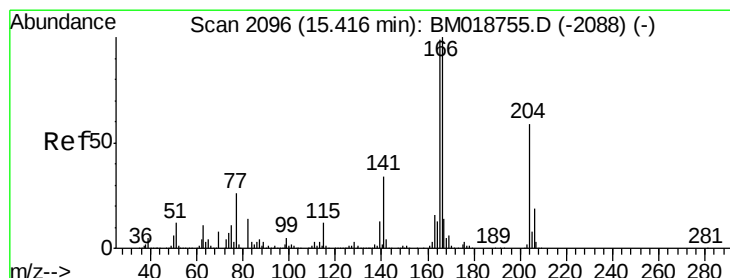
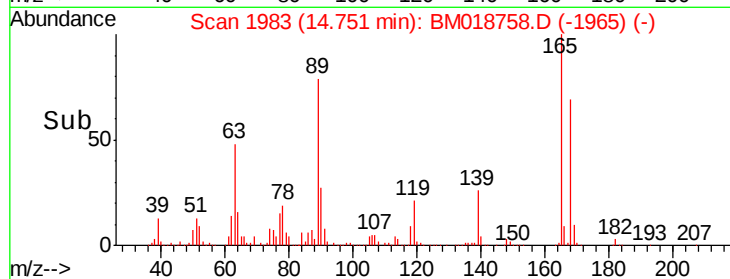
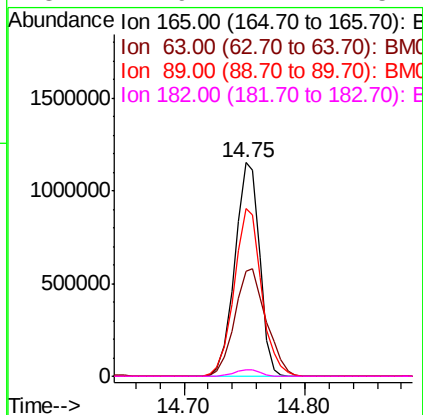
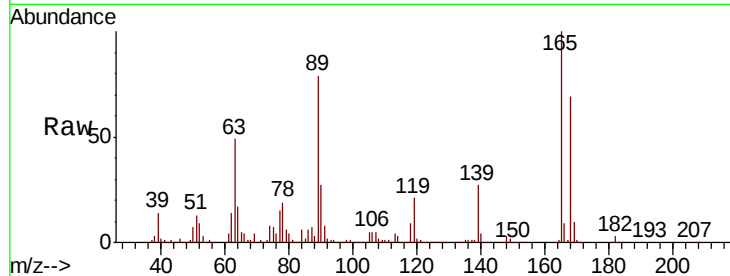
#57
2,4-Dinitrotoluene
Concen: 89.850 ng
RT: 14.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.1	39.6	59.4
89	78.5	63.5	95.3
182	2.9	2.2	3.4

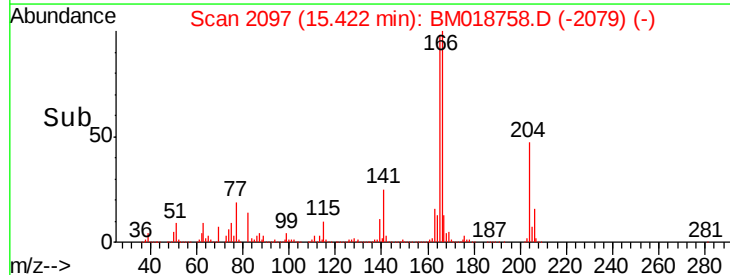
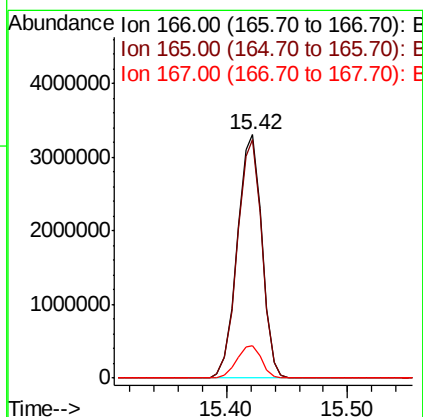
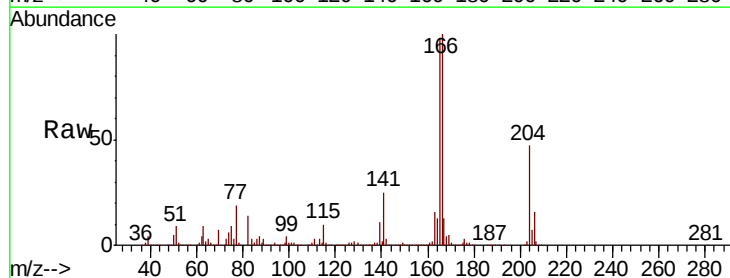
Manual Integrations
APPROVED

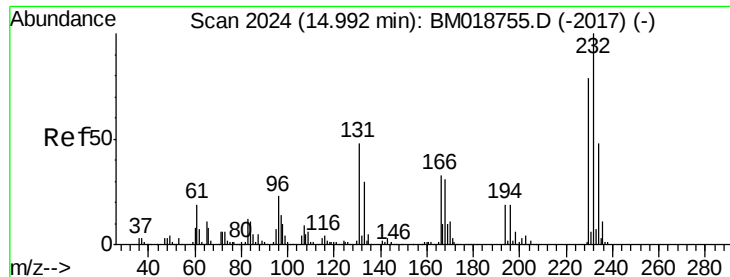
Sohil
2/12/2019 12:11:44 PM



#58
Fluorene
Concen: 84.845 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.4	11.0	16.4





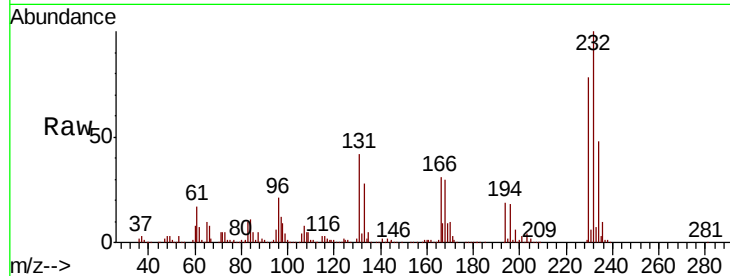
#59
2,3,4,6-Tetrachlorophenol
Concen: 82.430 ng
RT: 15.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	38.6	57.8
130	2.5	2.0	3.0
166	32.7	26.9	40.3

Manual Integrations
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Sohil
2/12/2019 12:11:44 PM



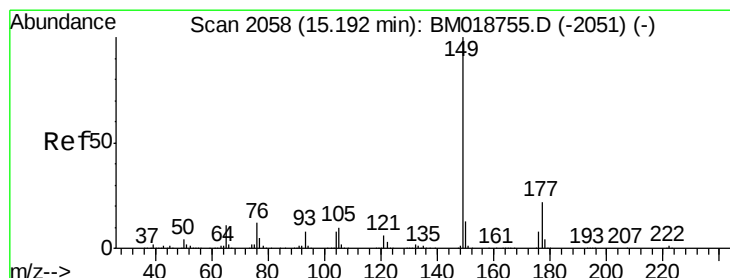
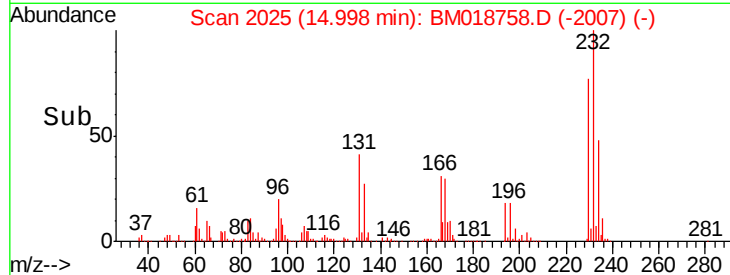
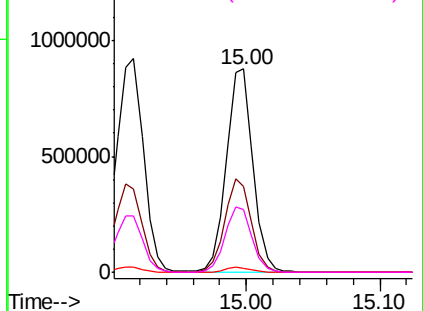
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

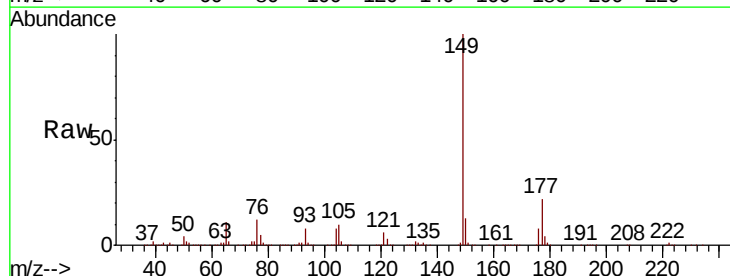
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 85.095 ng
RT: 15.20 min Scan# 2059
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.2	25.8
150	12.7	10.2	15.2

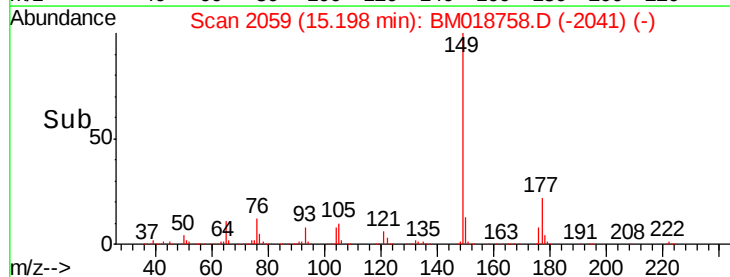
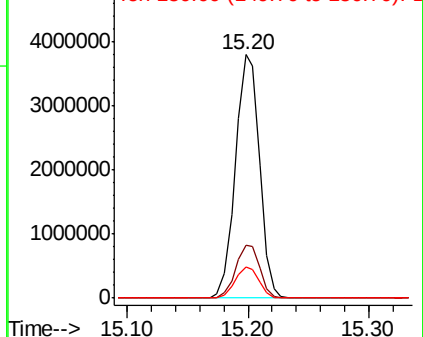


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 83.417 ng

RT: 15.42 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampled :

SSTDIC080

Tot Ion:204 Resp: 2660402

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

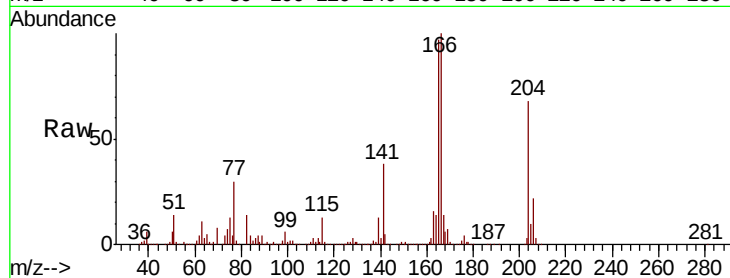
141 55.3 49.2 73.8

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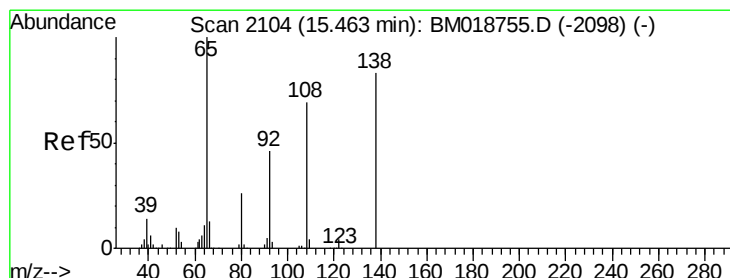
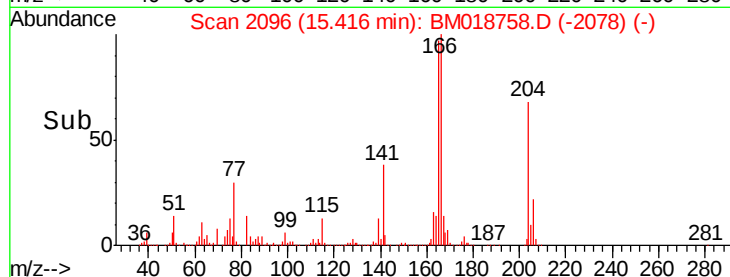
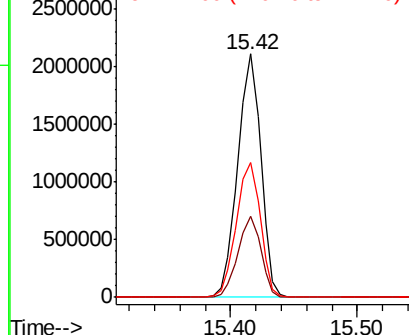


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 90.730 ng

RT: 15.47 min Scan# 2106

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

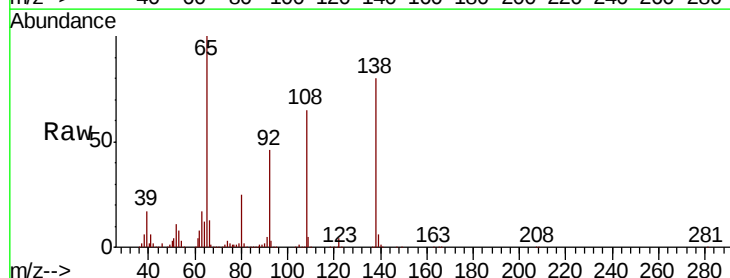
Tgt Ion:138 Resp: 1292472

Ion Ratio Lower Upper

138 100

92 56.7 35.5 75.5

108 80.5 62.4 102.4

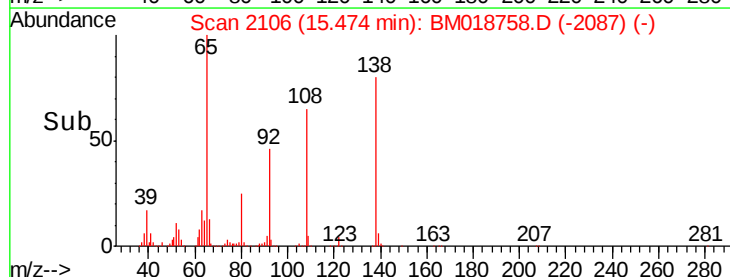
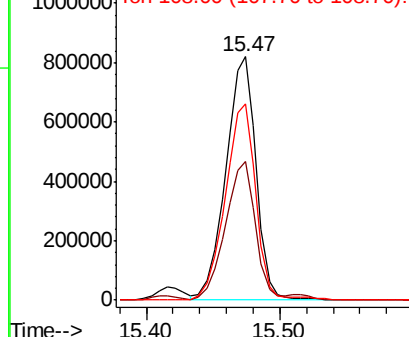


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 112.661 ng

RT: 15.71 min Scan# 2146

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion: 77 Resp: 5670856

Ion Ratio Lower Upper

77 100

182 23.0 1.0 41.0

105 18.6 0.0 37.7

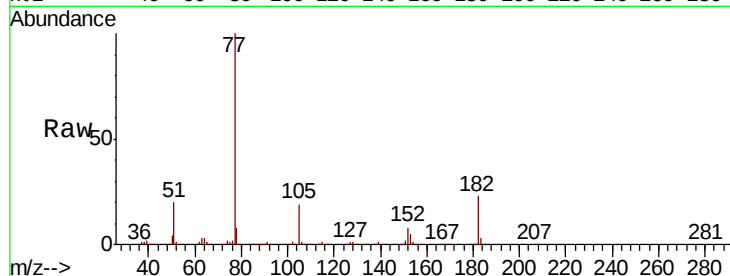
51 20.2 0.3 40.3

Manual Integrations

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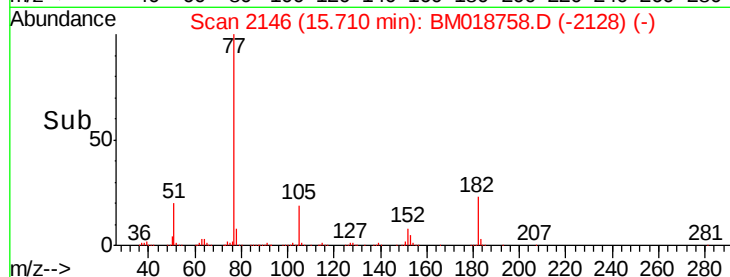


Abundance Ion 77.00 (76.70 to 77.70): BM0

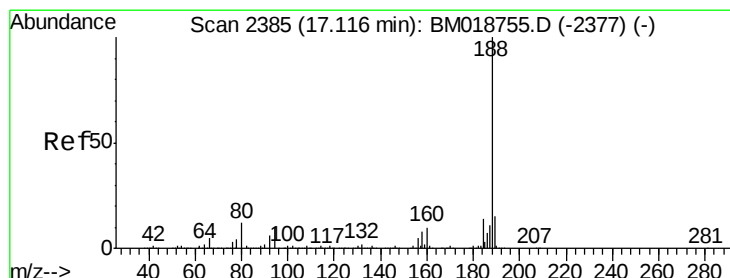
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

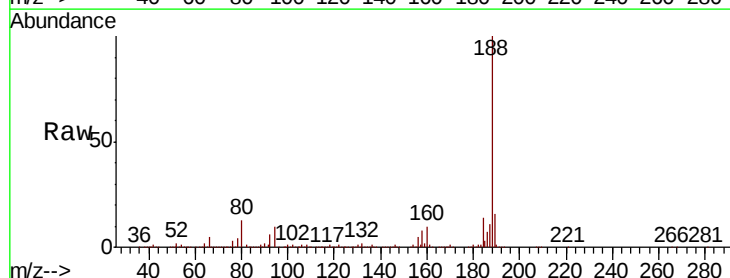
Tgt Ion: 188 Resp: 1719392

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

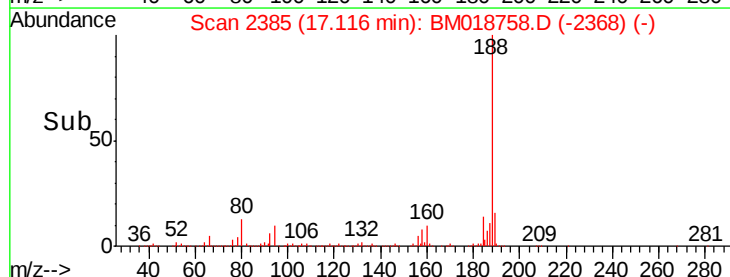
80 12.7 9.7 14.5



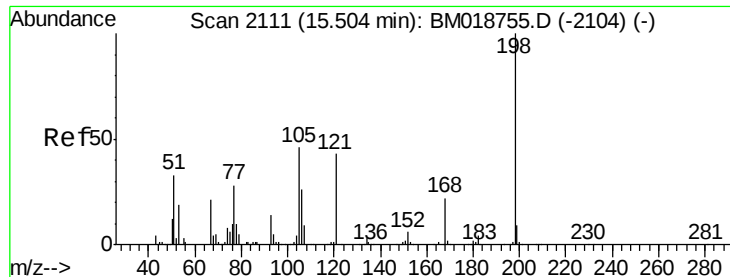
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 105.490 ng

RT: 15.52 min Scan# 2113

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 1070416

Ion Ratio Lower Upper

198 100

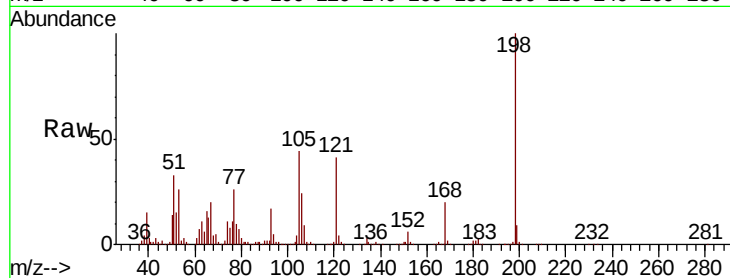
51 32.9 18.4 58.4

105 43.8 27.2 67.2

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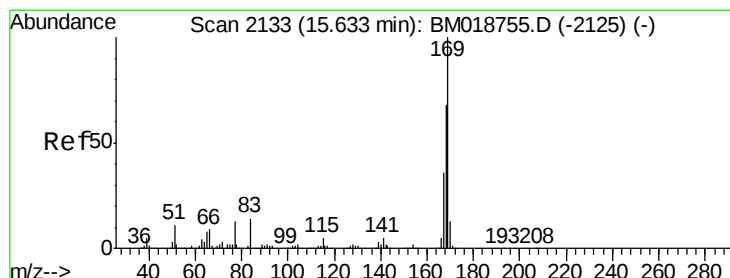
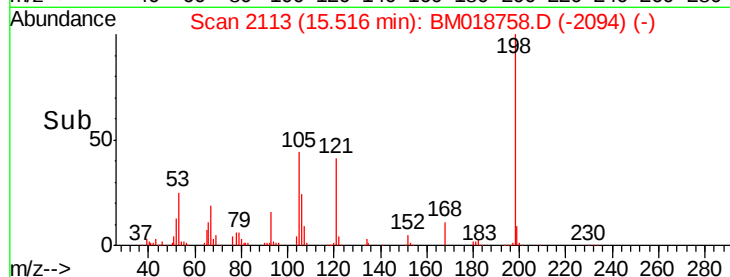
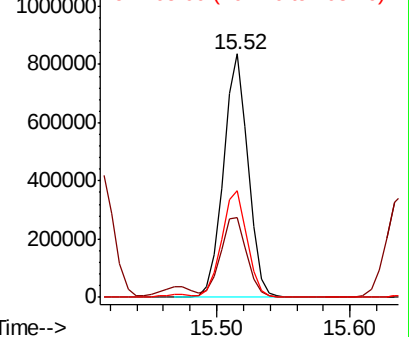
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 83.168 ng

RT: 15.64 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

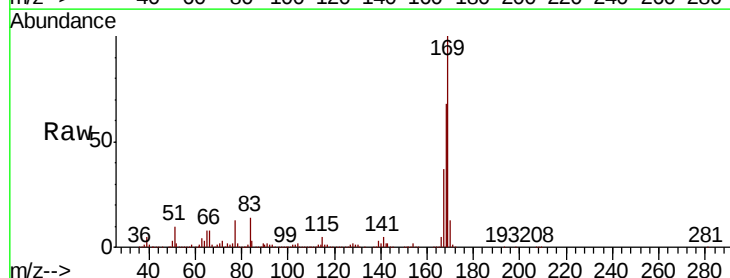
Tgt Ion:169 Resp: 4435757

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

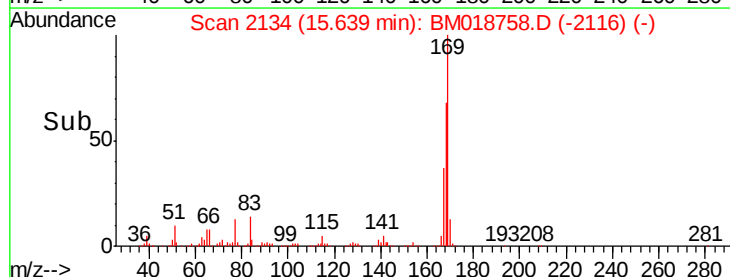
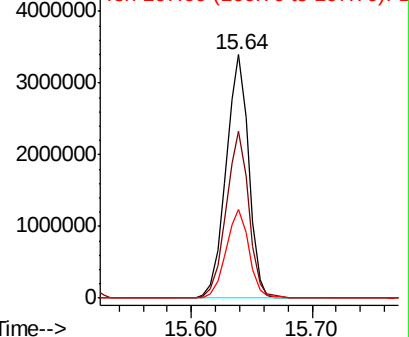
167 36.7 29.0 43.6

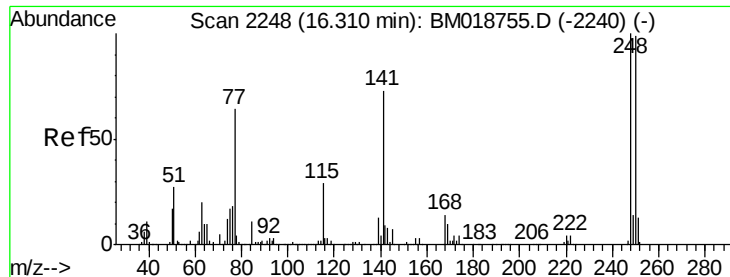


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





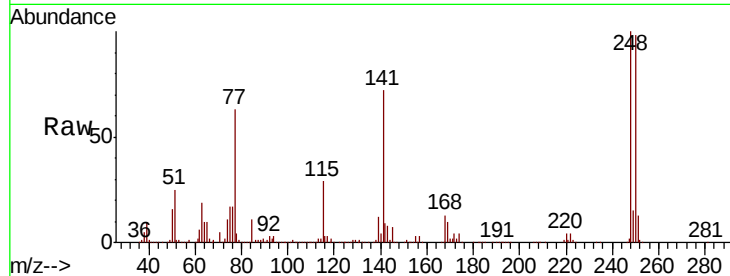
#67
4-Bromophenyl-phenylether
Concen: 84.130 ng
RT: 16.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.0	118.6
141	71.6	58.6	88.0

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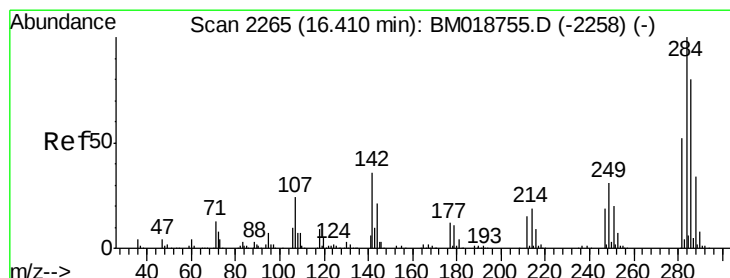
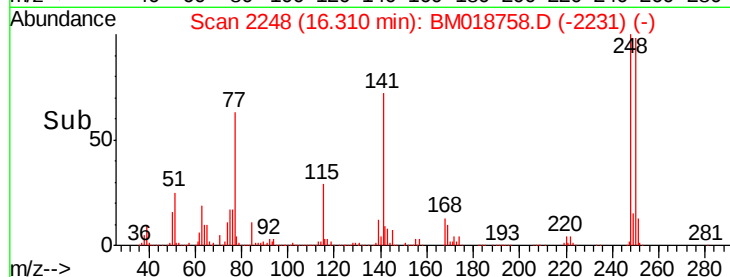
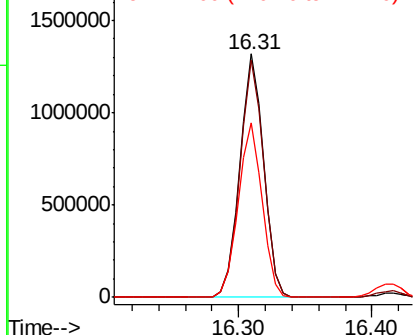


Abundance

Ion 248.00 (247.70 to 248.70): E

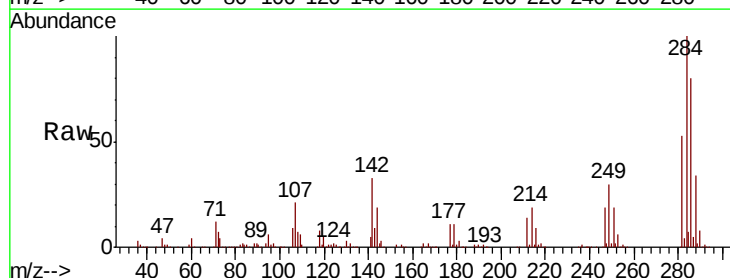
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 85.828 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	28.9	43.3
249	30.4	24.8	37.2

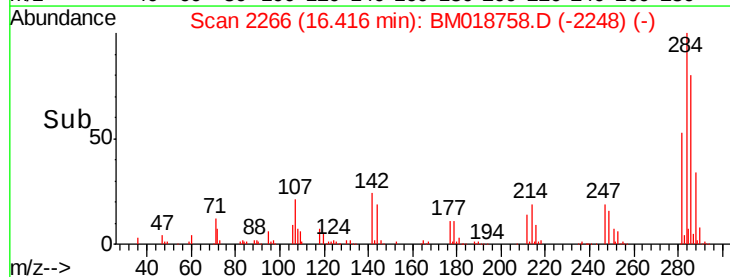
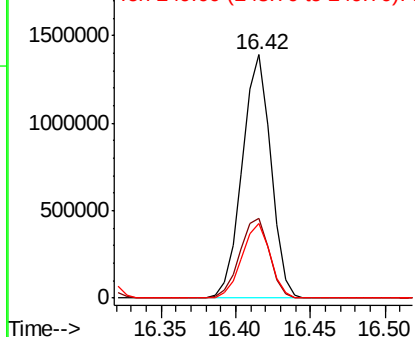


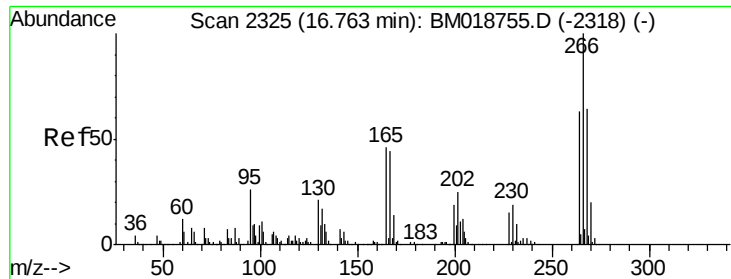
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





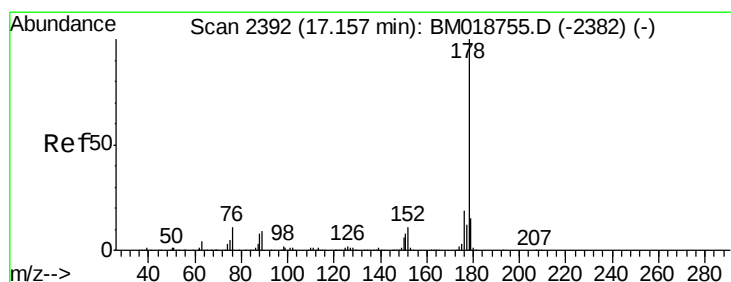
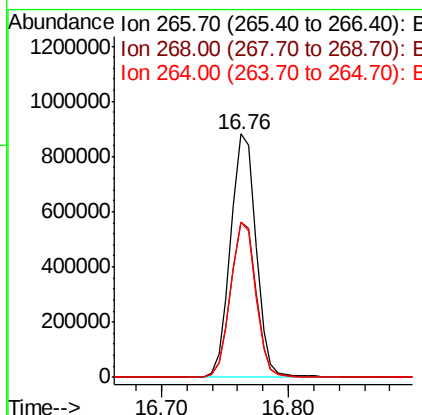
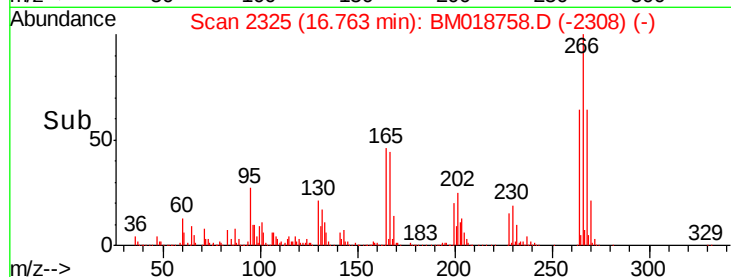
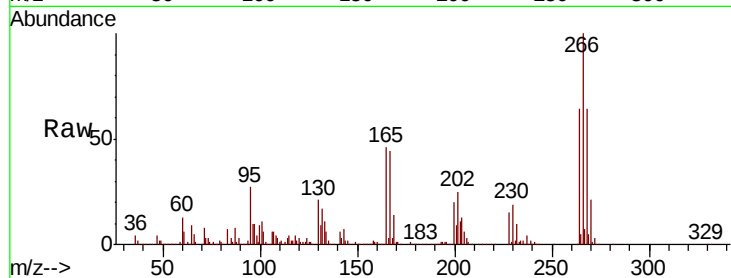
#70
 Pentachlorophenol
 Concen: 86.600 ng
 RT: 16.76 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BM018758.D
 Acq: 11 Feb 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.3	76.9
264	63.6	50.6	75.8

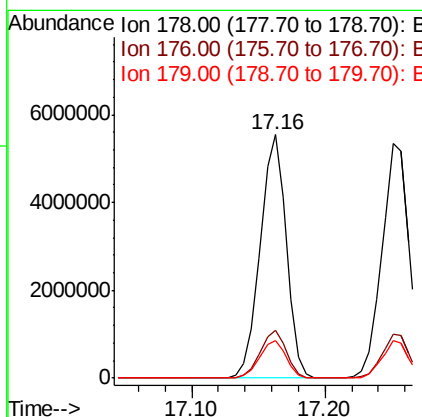
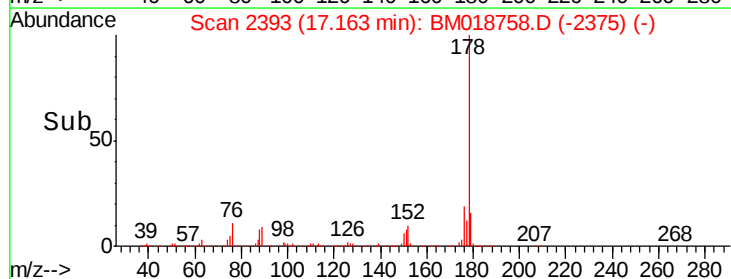
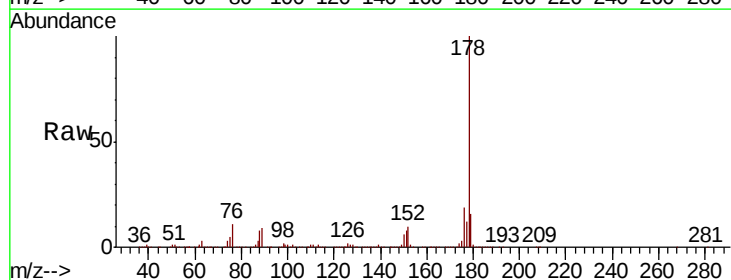
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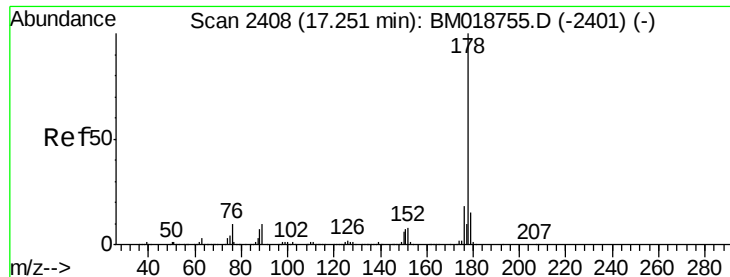
Sohil
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#71
 Phenanthrene
 Concen: 81.501 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BM018758.D
 Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.6	12.3	18.5





#72

Anthracene

Concen: 84.391 ng

RT: 17.25 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:178 Resp: 7421638

Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

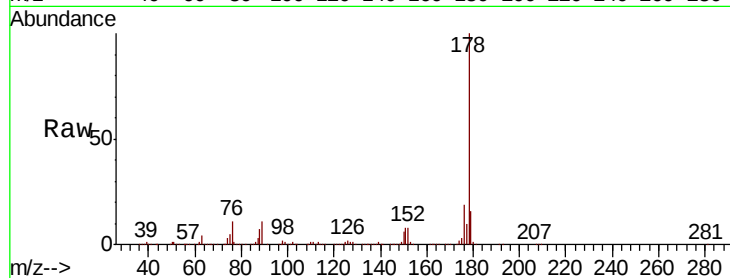
179 15.9 12.1 18.1

Manual Integrations

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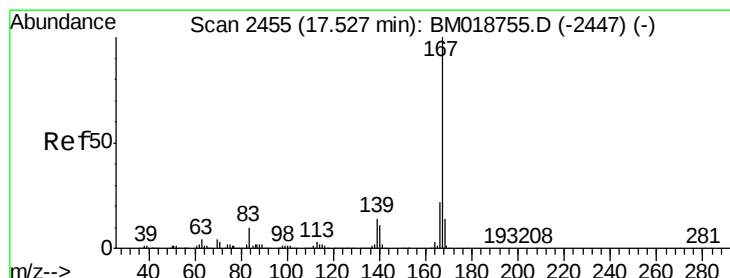
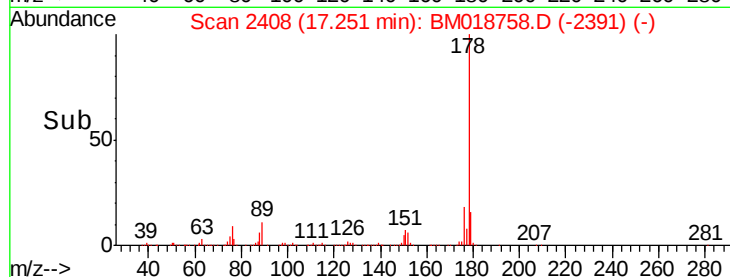
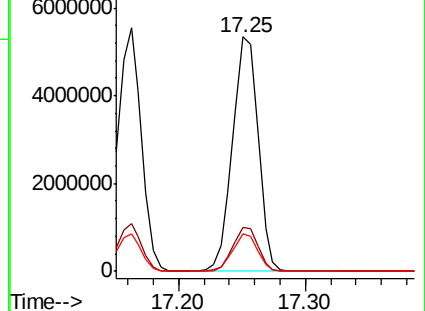
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 85.381 ng

RT: 17.53 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Tgt Ion:167 Resp: 7714325

Ion Ratio Lower Upper

167 100

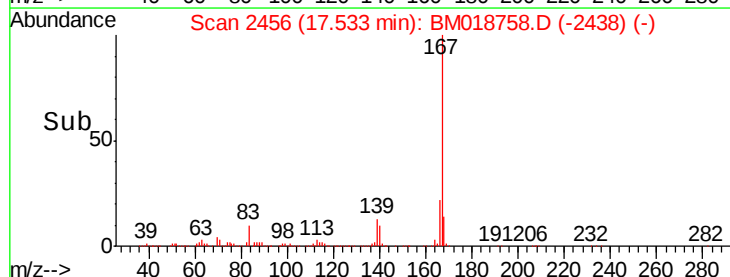
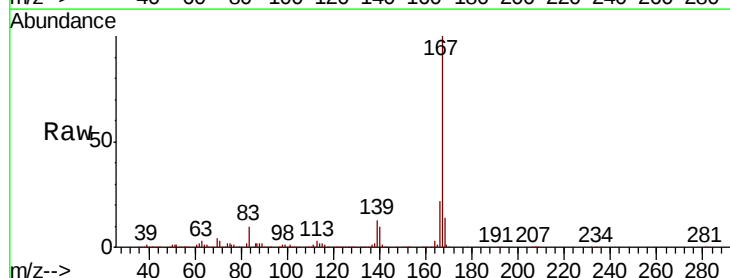
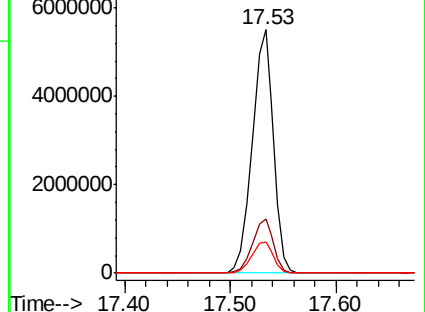
166 22.2 17.7 26.5

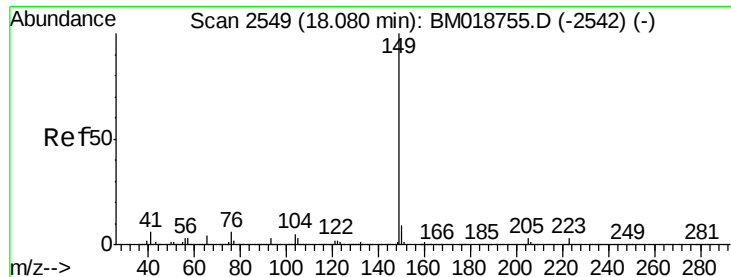
139 13.0 10.9 16.3

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





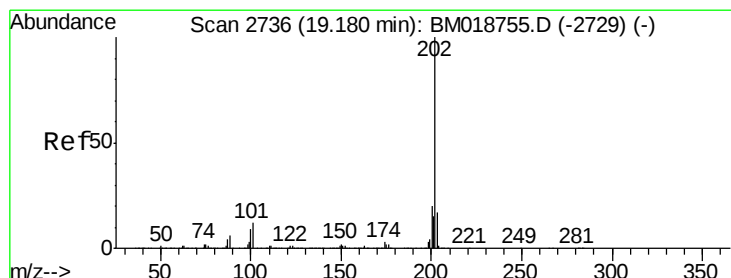
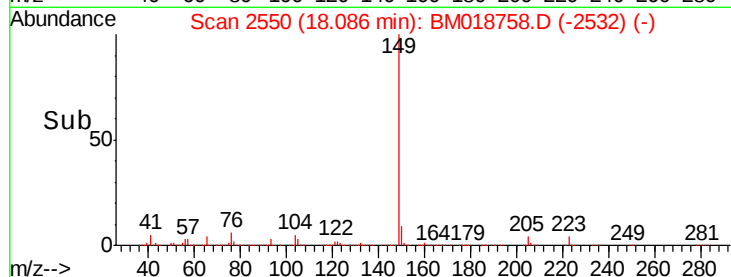
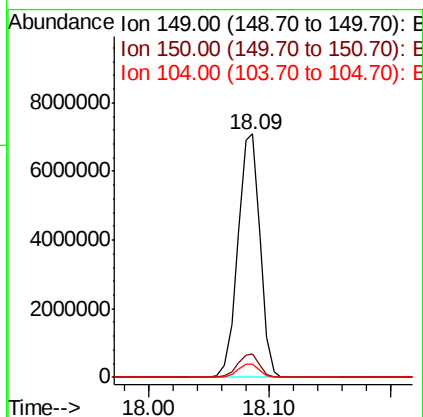
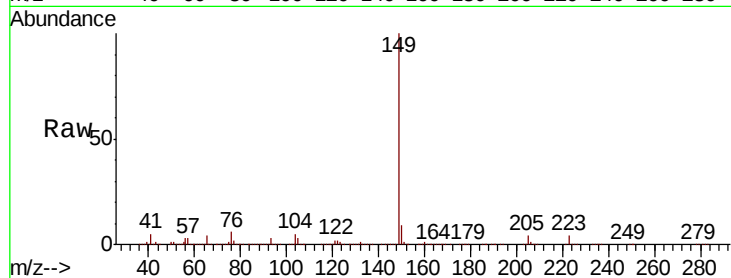
#74
Di-n-butylphthalate
Concen: 91.367 ng
RT: 18.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion:149 Resp: 9042471
Ion Ratio Lower Upper
149 100
150 9.5 7.4 11.0
104 5.4 4.3 6.5

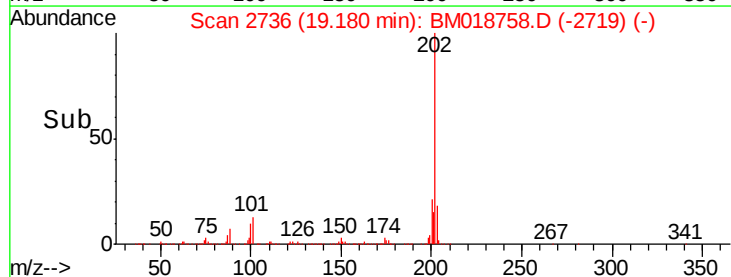
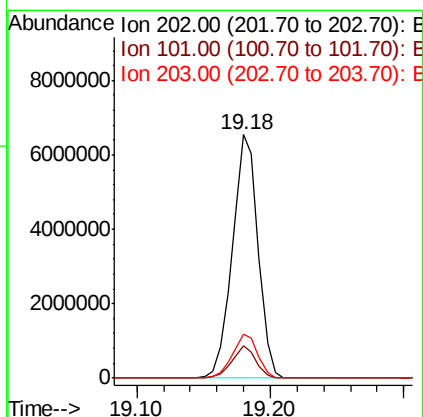
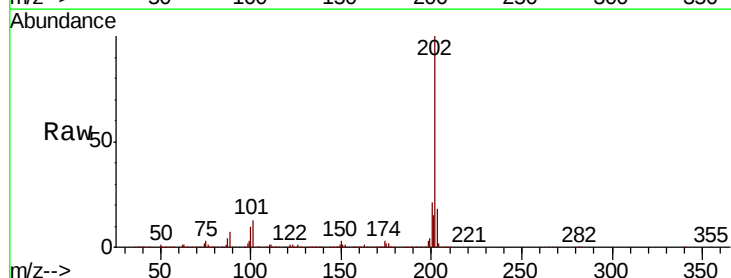
Manual Integrations
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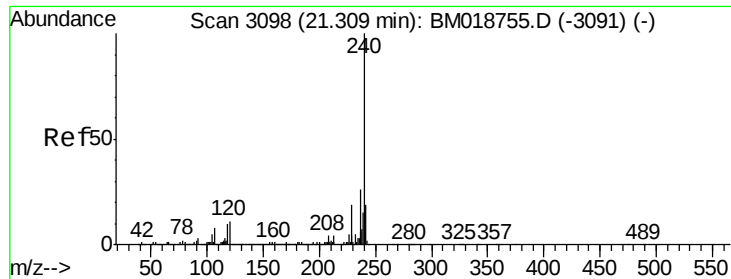
Sohil
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#75
Fluoranthene
Concen: 82.837 ng
RT: 19.18 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion:202 Resp: 8734296
Ion Ratio Lower Upper
202 100
101 13.1 0.0 31.5
203 18.2 0.0 37.3





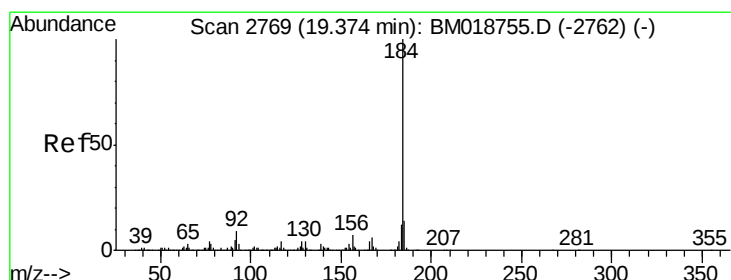
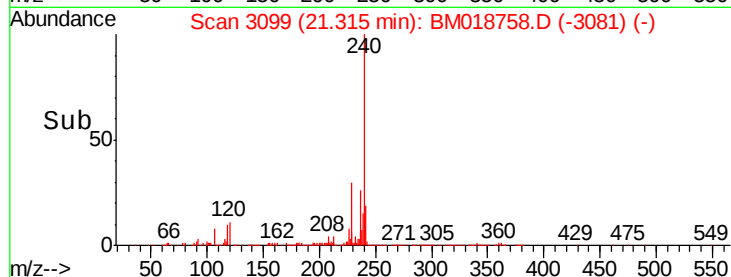
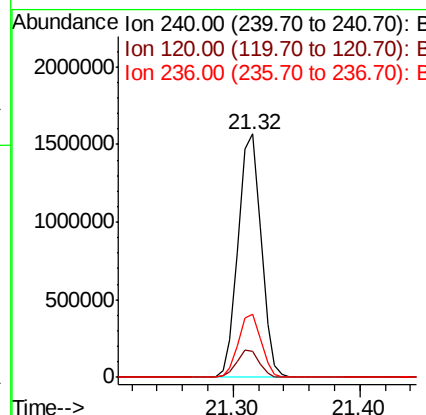
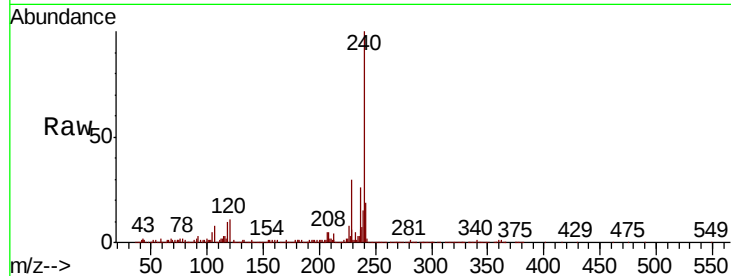
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	25.9	20.9	31.3

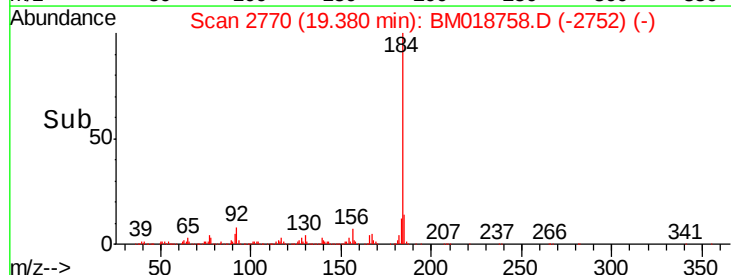
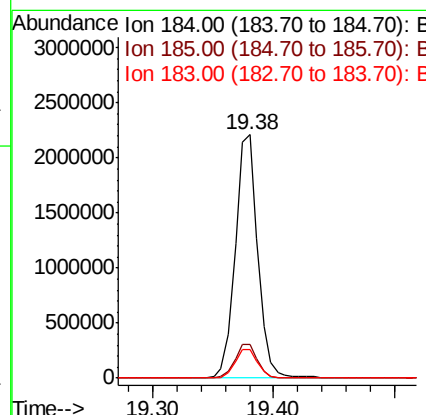
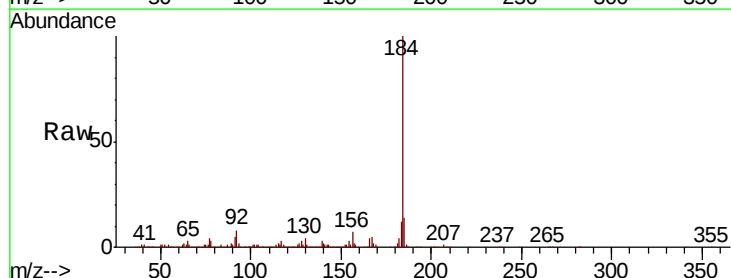
Manual Integrations
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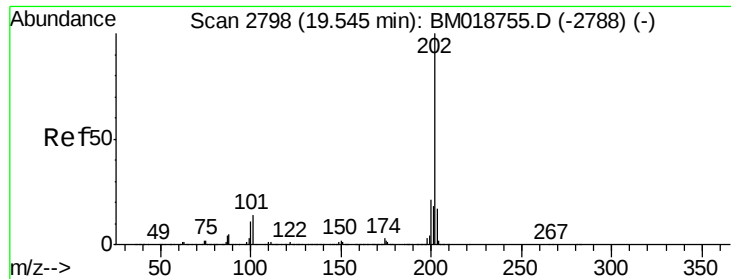
Sohil
2/12/2019 12:11:44 PM



#77
Benzidine
Concen: 59.289 ng
RT: 19.38 min Scan# 2770
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	11.9	9.7	14.5





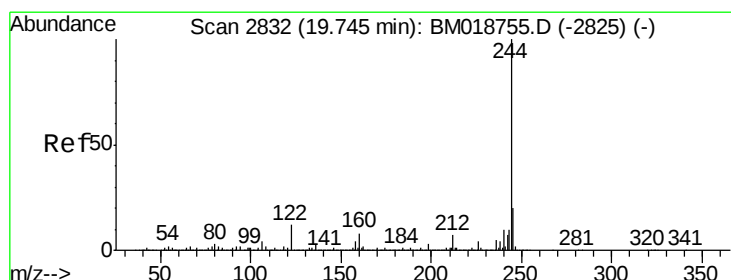
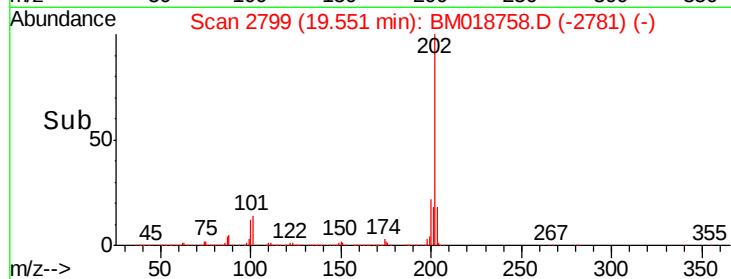
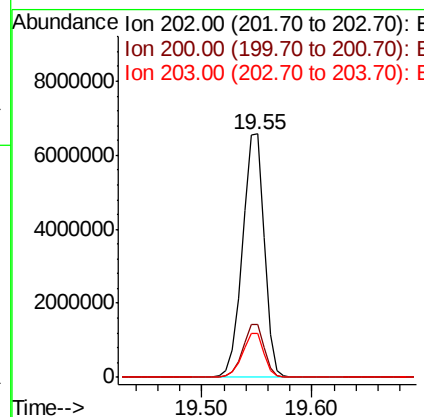
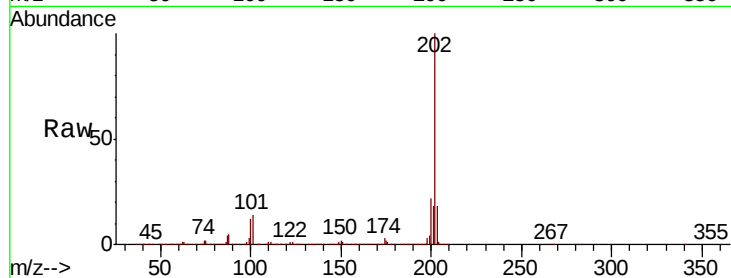
#78
Pvrene
Concen: 78.556 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	16.9	25.3
203	18.1	13.8	20.8

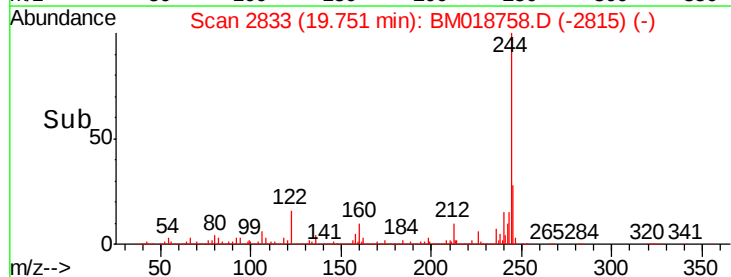
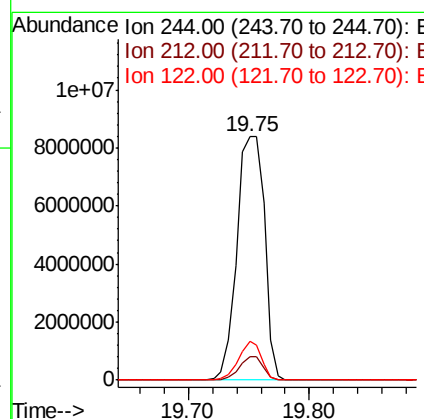
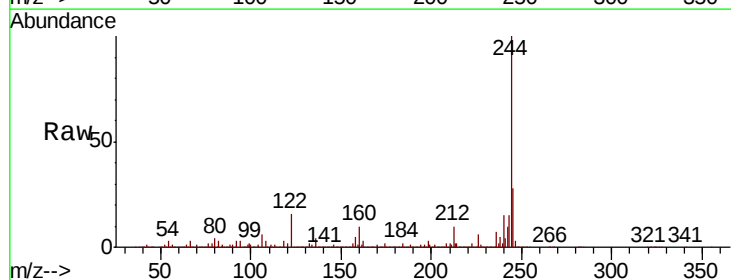
Manual Integrations
APPROVED

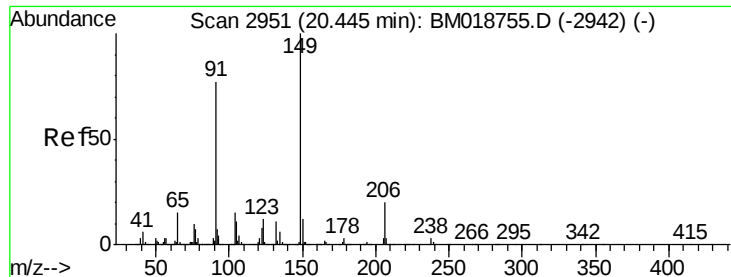
Sohil
2/12/2019 12:11:44 PM



#79
Terphenyl-d14
Concen: 144.096 ng
RT: 19.75 min Scan# 2833
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.9	5.6	8.4#
122	15.7	9.3	13.9#





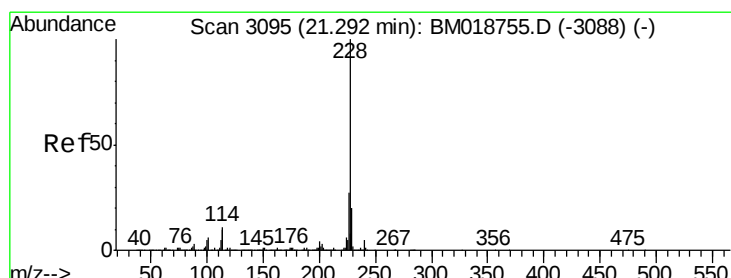
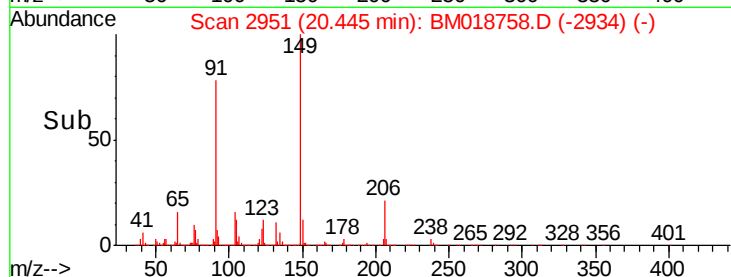
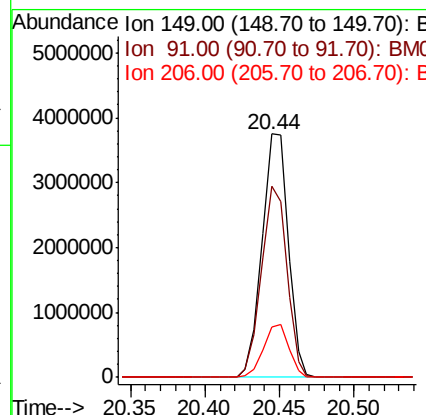
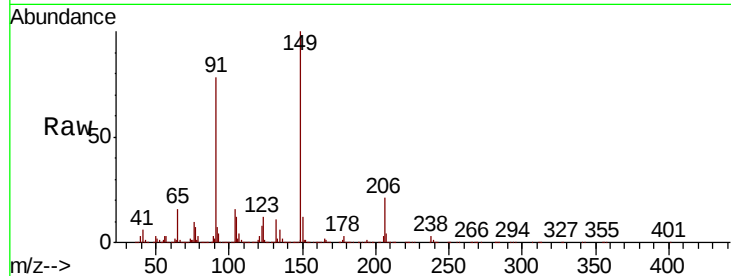
#80
Butylbenzylphthalate
Concen: 91.016 ng
RT: 20.44 min Scan# 2951
Delta R.T. -0.00 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.4	61.4	92.0
206	20.6	15.8	23.8

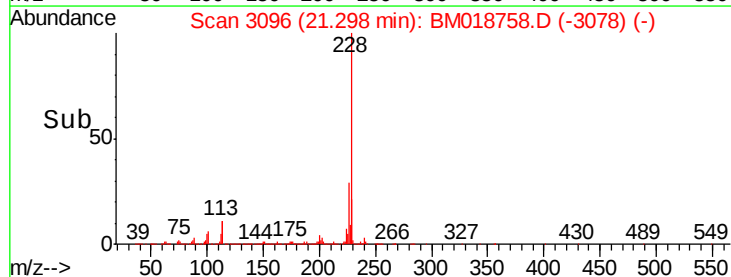
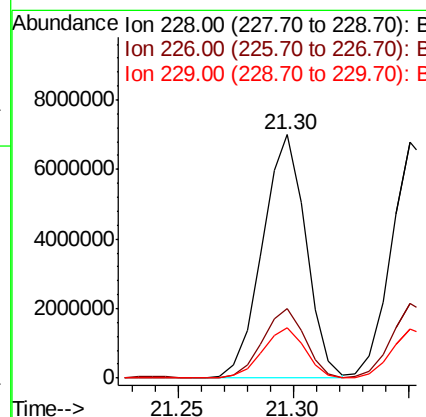
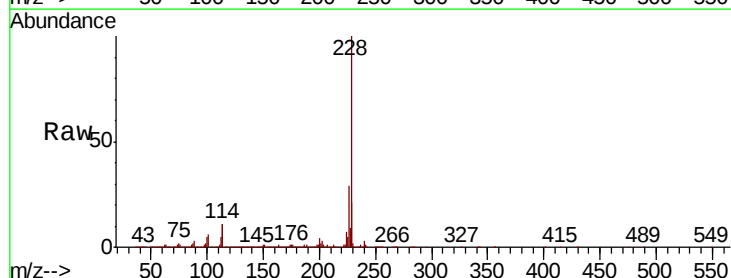
Manual Integrations
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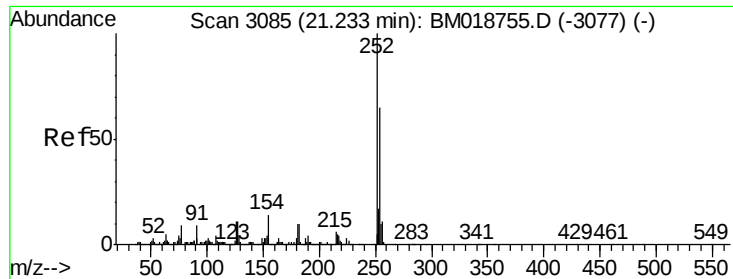
Sohil
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#81
Benzo(a)anthracene
Concen: 79.097 ng
RT: 21.30 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.9	32.9
229	20.9	15.9	23.9





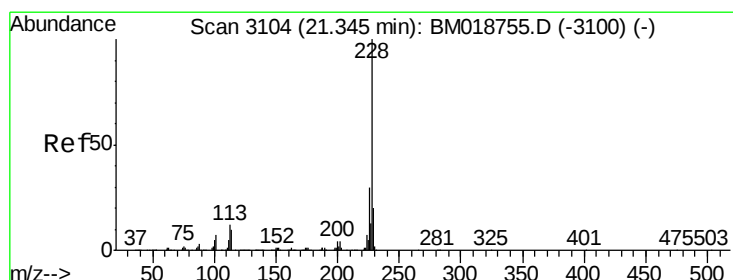
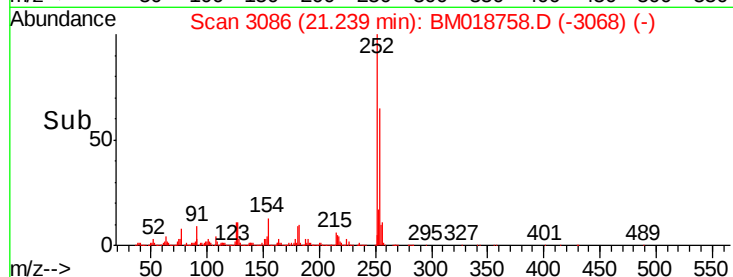
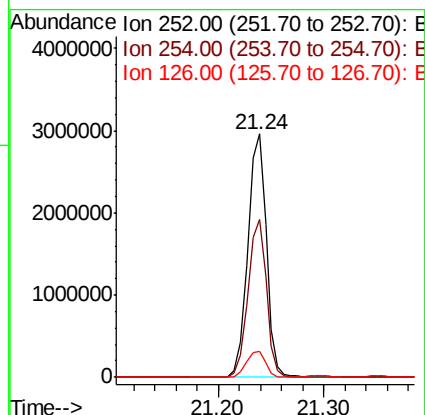
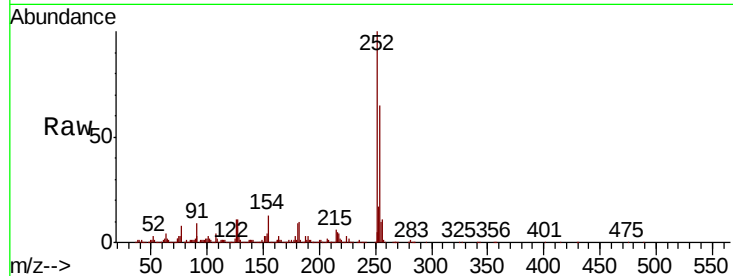
#82
 3,3'-Dichlorobenzidine
 Concen: 82.256 ng
 RT: 21.24 min Scan# 3086
 Delta R.T. 0.01 min
 Lab File: BM018758.D
 Acq: 11 Feb 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.8
126	10.6	9.1	13.7

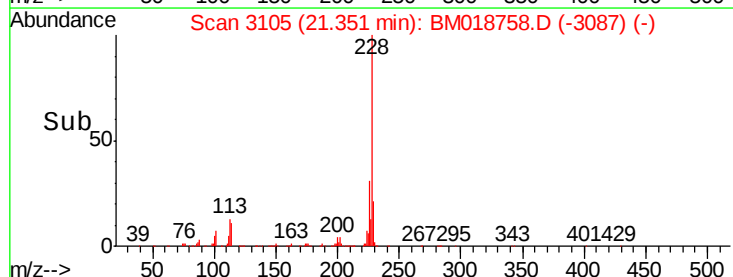
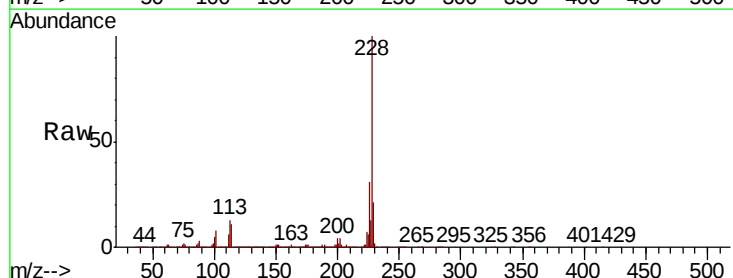
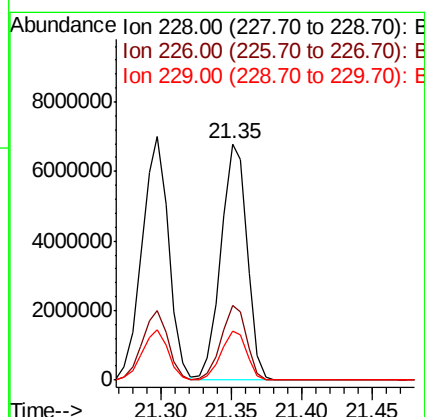
Manual Integrations
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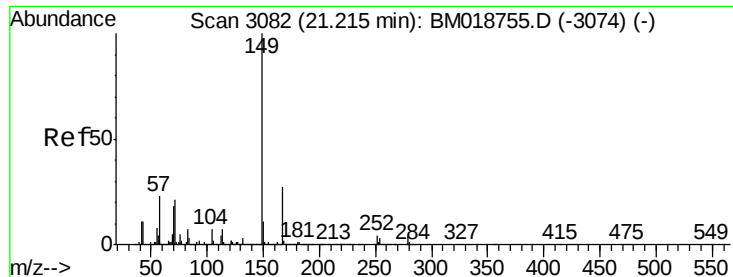
Sohil
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#83
 Chrysene
 Concen: 78.079 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. 0.01 min
 Lab File: BM018758.D
 Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	20.8	16.0	24.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 90.332 ng

RT: 21.22 min Scan# 3082

Delta R.T. -0.00 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDICC080

Tot Ion:149 Resp: 6471959

Ion Ratio Lower Upper

149 100

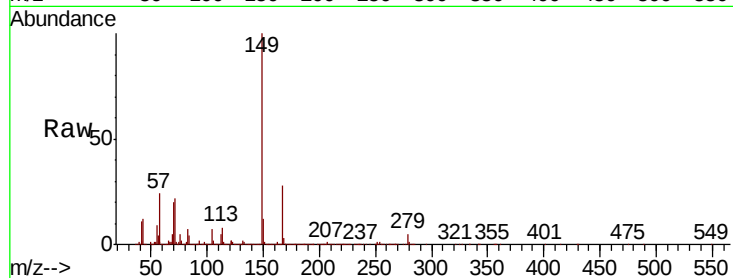
167 28.3 21.8 32.6

279 4.7 3.6 5.4

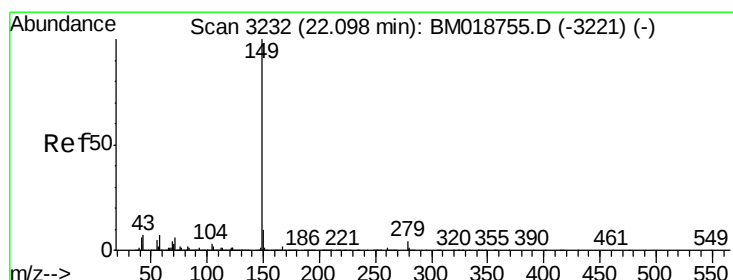
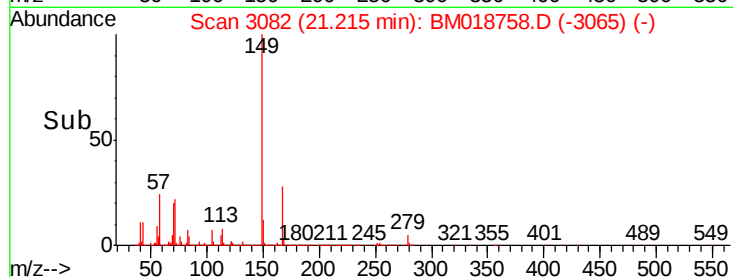
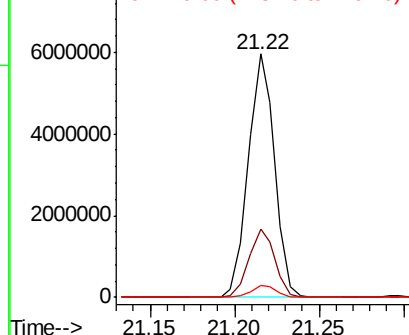
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
8000000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 89.258 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

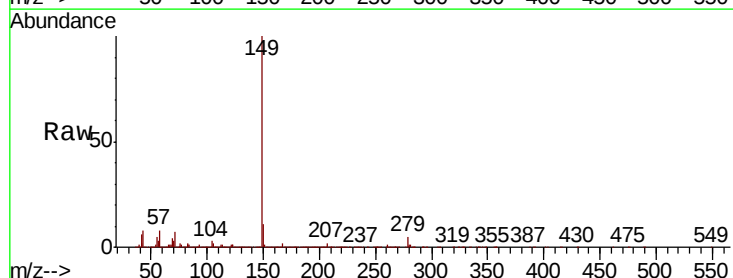
Tgt Ion:149 Resp:10755827

Ion Ratio Lower Upper

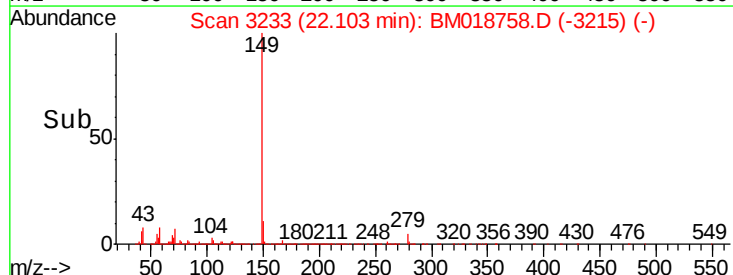
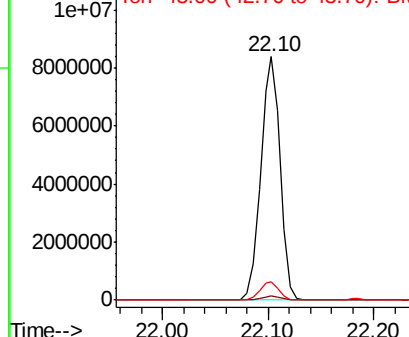
149 100

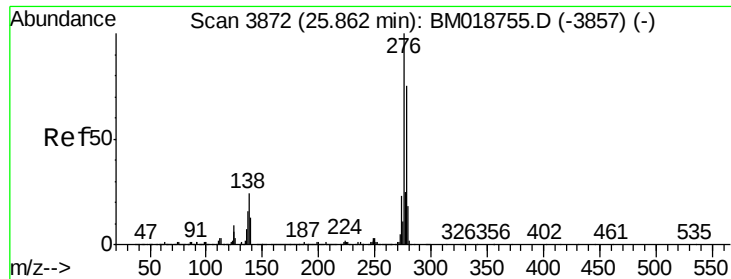
167 1.7 1.3 1.9

43 7.4 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E
1e+07
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0





#86

Indeno(1,2,3-cd)pyrene

Concen: 80.707 ng

RT: 25.89 min Scan# 3876

Delta R.T. 0.02 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

Instrument :

BNA_M

ClientSampleId :

SSTDIC080

Tot Ion:276 Resp:10385368

Ion Ratio Lower Upper

276 100

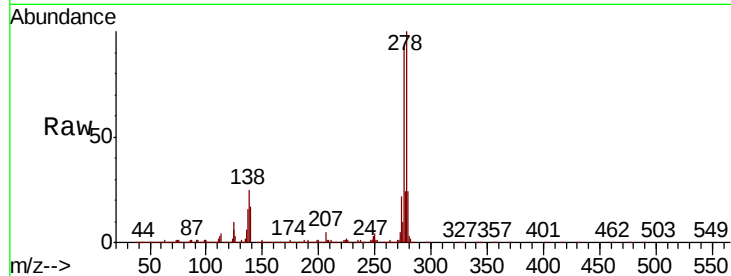
138 25.0 20.2 30.4

277 25.5 20.3 30.5

Manual Integrations
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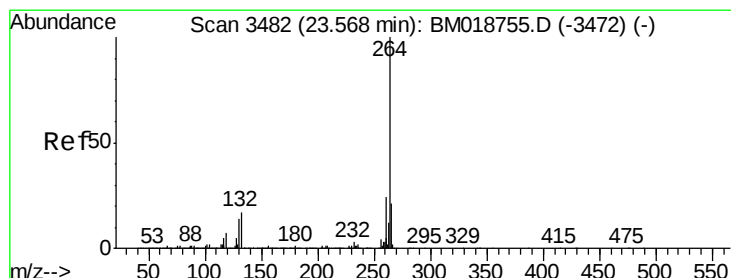
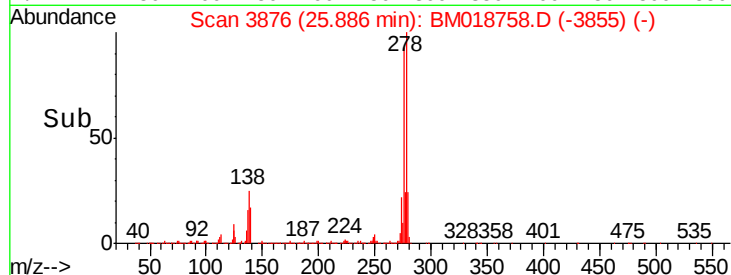
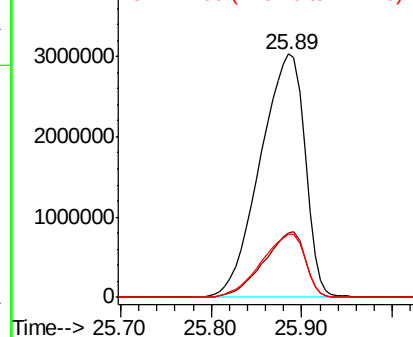


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BM018758.D

Acq: 11 Feb 2019 15:09

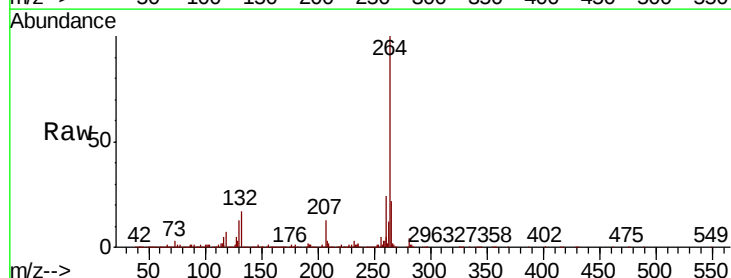
Tgt Ion:264 Resp: 2007312

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.7 17.3 25.9

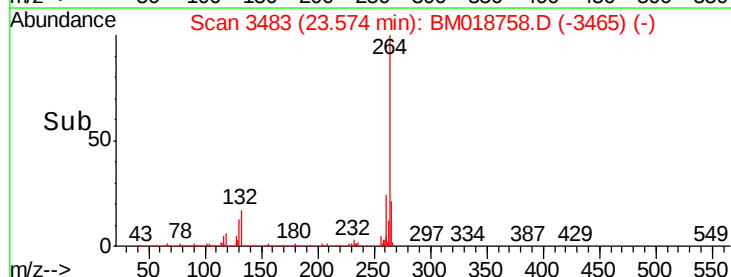
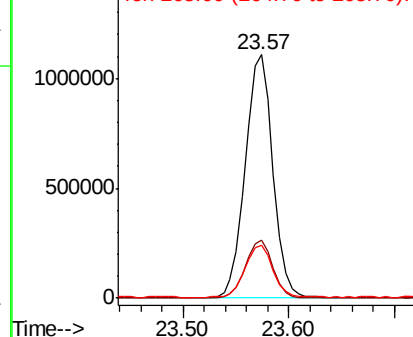


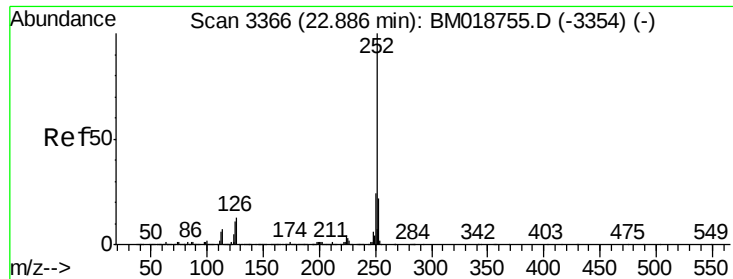
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





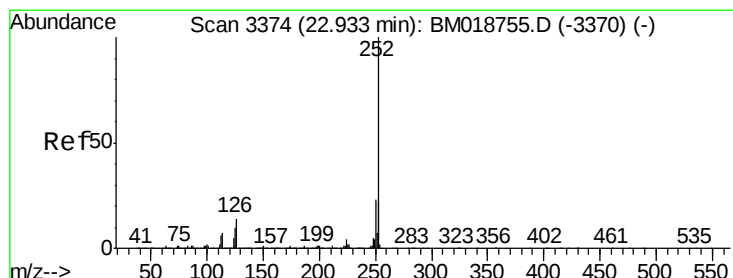
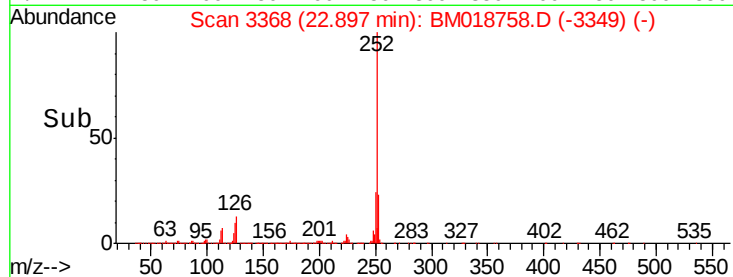
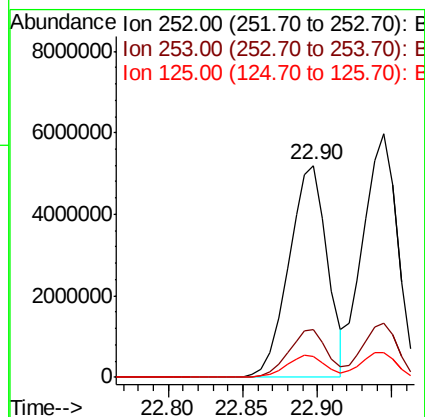
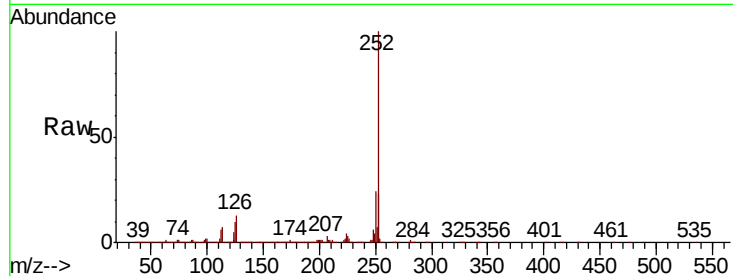
#88
Benzo(b)fluoranthene
Concen: 81.792 ng
RT: 22.90 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.1	8.6	12.8

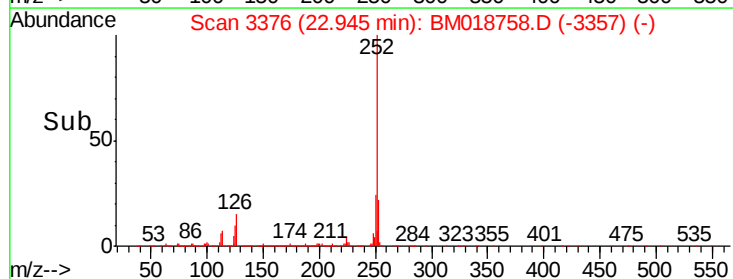
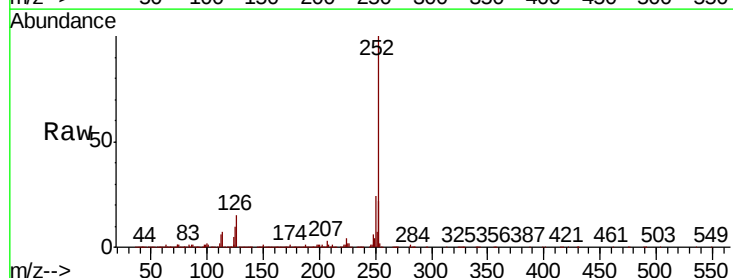
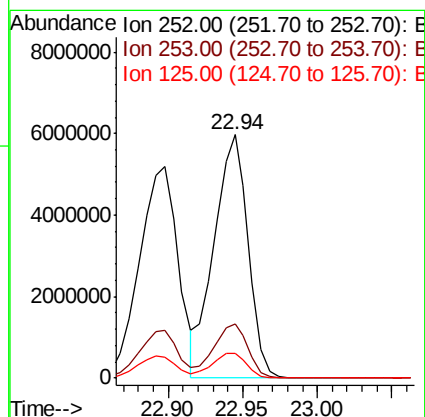
Manual Integrations
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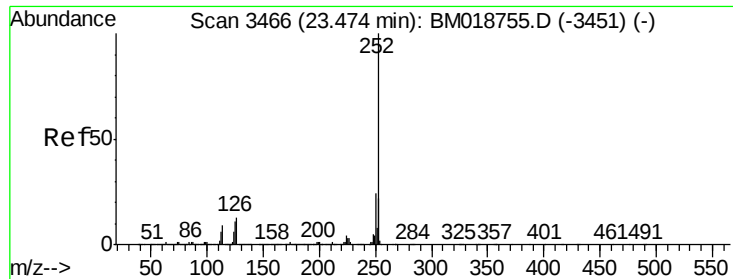
Sohil
2/12/2019 12:11:44 PM



#89
Benzo(k)fluoranthene
Concen: 82.405 ng
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.4	8.2	12.4





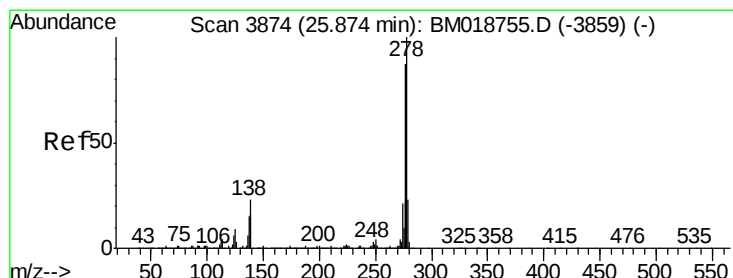
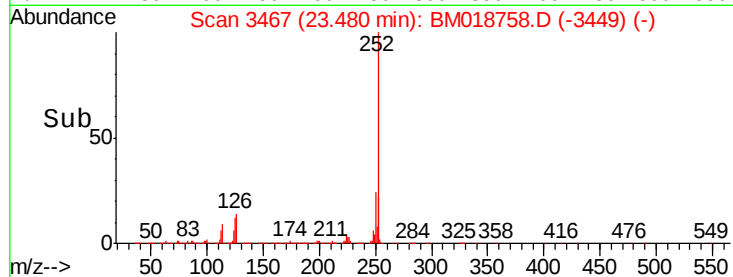
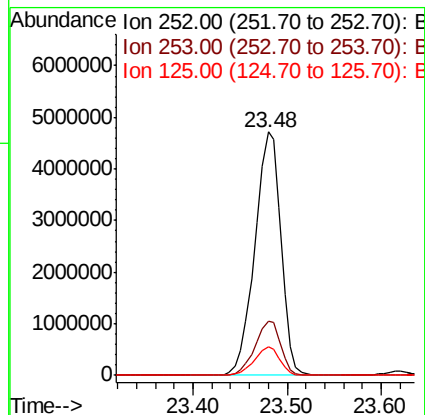
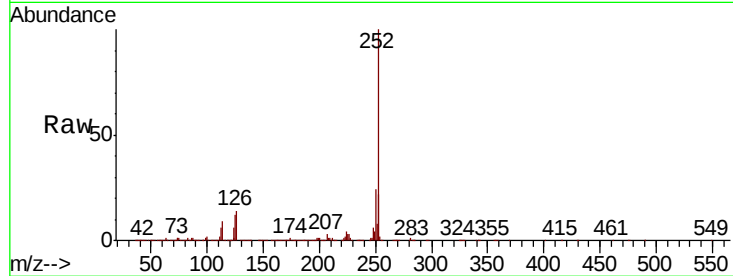
#90
Benzo(a)pyrene
Concen: 82.902 ng
RT: 23.48 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Instrument :
BNA_M
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	11.6	8.6	13.0

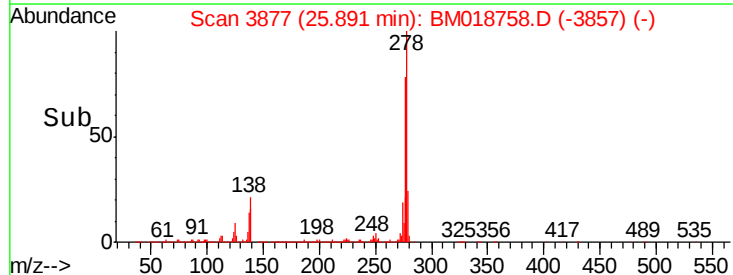
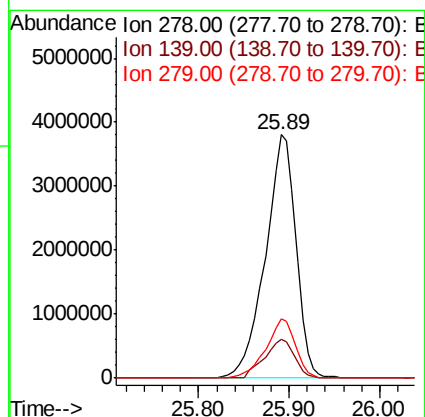
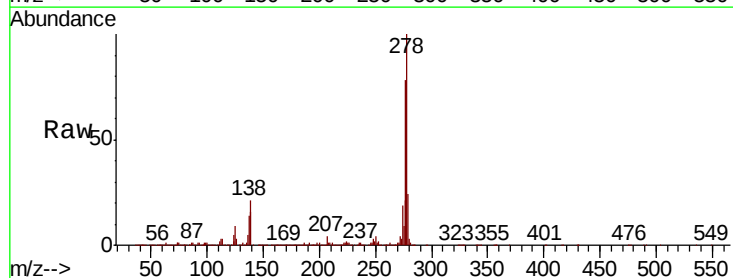
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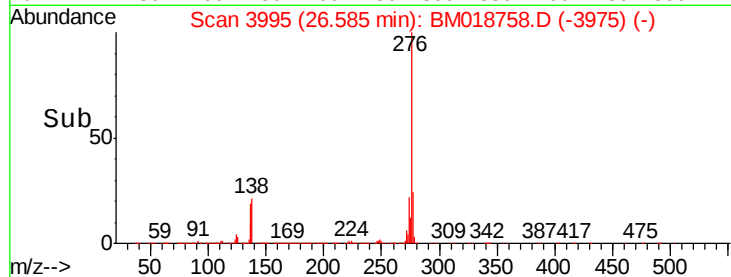
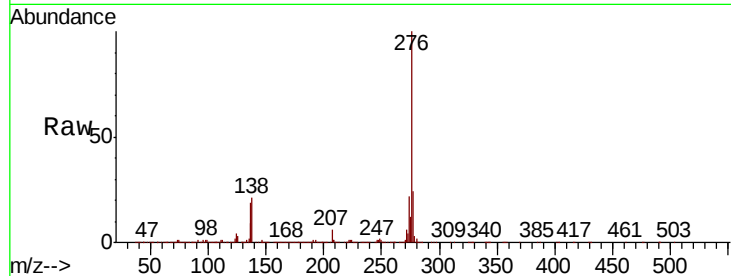
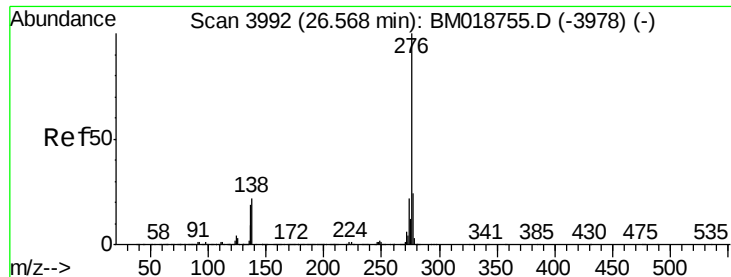
Sohil
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#91
Dibenzo(a,h)anthracene
Concen: 80.658 ng
RT: 25.89 min Scan# 3877
Delta R.T. 0.02 min
Lab File: BM018758.D
Acq: 11 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	18.8
279	24.2	18.6	28.0





#92
 Benzo(a,h,i)perylene
 Concen: 75.468 ng
 RT: 26.59 min Scan# 3995
 Delta R.T. 0.02 min
 Lab File: BM018758.D
 Acq: 11 Feb 2019 15:09

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Lower	Upper
8118430	276	100		
	277	24.0	19.2	28.8
	138	21.2	17.3	25.9

Manual Integrations
 APPROVED

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 2/12/2019 12:11:44 PM

