

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
 Data File : BM018472.D
 Acq On : 09 Jan 2019 14:27
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:11:56 PM

Quant Time: Jan 10 05:58:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:39:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	347038	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1376485	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	790085	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	1779235	20.00	ng	0.00
76) Chrysene-d12	21.36	240	1940332	20.00	ng	0.00
87) Perylene-d12	23.64	264	1981034	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	1537423	81.80	ng	0.00
7) Phenol-d6	6.93	99	1957206	81.99	ng	0.00
23) Nitrobenzene-d5	8.93	82	1924256	81.04	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	855961	85.09	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	4777211	78.90	ng	0.00
79) Terphenyl-d14	19.79	244	7685488	83.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	302090	39.437	ng	96
3) Pyridine	3.69	79	805807	42.194	ng	96
4) n-Nitrosodimethylamine	3.60	42	333716	42.257	ng	# 93
6) Aniline	7.10	93	1107998	41.610	ng	100
8) 2-Chlorophenol	7.33	128	898377	40.928	ng	95
9) Benzaldehyde	6.92	77	552991	40.350	ng	96
10) Phenol	6.96	94	984059	40.568	ng	98
11) bis(2-Chloroethyl)ether	7.19	93	766565	40.219	ng	96
12) 1,3-Dichlorobenzene	7.65	146	1048956	40.127	ng	98
13) 1,4-Dichlorobenzene	7.80	146	1056420	39.872	ng	98
14) 1,2-Dichlorobenzene	8.11	146	1008201	40.130	ng	99
15) Benzyl Alcohol	8.00	79	729819	42.330	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	971742	39.895	ng	95
17) 2-Methylphenol	8.20	107	683902	41.535	ng	97
18) Hexachloroethane	8.83	117	378498	40.066	ng	95
19) n-Nitroso-di-n-propylamine	8.57	70	630689	40.599	ng	96
20) 3+4-Methylphenols	8.53	107	940273	41.367	ng	98
22) Acetophenone	8.59	105	1362837	40.024	ng	# 99
24) Nitrobenzene	8.97	77	946154	40.498	ng	98
25) Isophorone	9.49	82	1486039	41.330	ng	98
26) 2-Nitrophenol	9.67	139	481867	42.655	ng	96
27) 2,4-Dimethylphenol	9.73	122	693847	40.977	ng	99
28) bis(2-Chloroethoxy)methane	9.97	93	999329	40.233	ng	99
29) 2,4-Dichlorophenol	10.20	162	850267	42.170	ng	97
30) 1,2,4-Trichlorobenzene	10.42	180	1000138	39.964	ng	98
31) Naphthalene	10.60	128	2643032	39.870	ng	99
32) Benzoic acid	9.86	122	449123m	40.560	ng	
33) 4-Chloroaniline	10.72	127	1102850	42.243	ng	99
34) Hexachlorobutadiene	10.87	225	630388	39.872	ng	98
35) Caprolactam	11.52	113	292005m	42.597	ng	
36) 4-Chloro-3-methylphenol	11.85	107	898541	42.478	ng	99
37) 2-Methylnaphthalene	12.22	142	1878461	40.106	ng	99
38) 1-Methylnaphthalene	12.44	142	1811515	39.973	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1088638	39.402	ng	99

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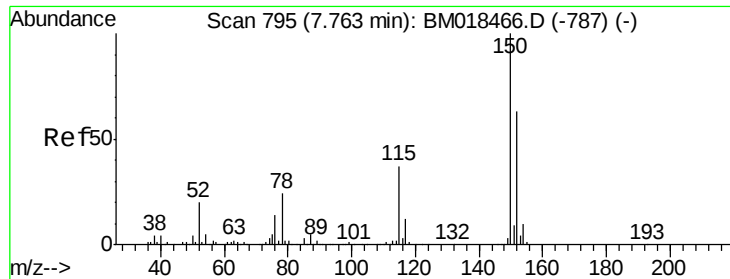
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	627551	41.386	nq	100
43) 2,4,6-Trichlorophenol	12.83	196	701367	41.803	nq	100
44) 2,4,5-Trichlorophenol	12.91	196	739783	41.925	nq	99
46) 1,1'-Biphenyl	13.24	154	2706442	39.232	nq	99
47) 2-Chloronaphthalene	13.28	162	2118698	39.605	nq	99
48) 2-Nitroaniline	13.50	65	555635	42.217	nq	93
49) Acenaphthylene	14.13	152	3138847	40.262	nq	100
50) Dimethylphthalate	13.87	163	2608491	40.200	nq	99
51) 2,6-Dinitrotoluene	14.00	165	568017	41.326	nq	95
52) Acenaphthene	14.47	154	1888794	39.597	nq	99
53) 3-Nitroaniline	14.33	138	584393	42.174	nq	98
54) 2,4-Dinitrophenol	14.53	184	250651	37.856	nq	93
55) Dibenzofuran	14.81	168	3121449	39.605	nq	97
56) 4-Nitrophenol	14.65	139	491680	41.073	nq	94
57) 2,4-Dinitrotoluene	14.78	165	785598	40.396	nq	98
58) Fluorene	15.46	166	2348434	39.999	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	652805	41.738	nq	99
60) Diethylphthalate	15.23	149	2655740	40.542	nq	99
61) 4-Chlorophenyl-phenylether	15.46	204	1349369	39.876	nq	98
62) 4-Nitroaniline	15.50	138	631214	41.762	nq	97
63) Azobenzene	15.75	77	2200740	41.207	nq	96
65) 4,6-Dinitro-2-methylphenol	15.54	198	429416	39.004	nq	92
66) n-Nitrosodiphenylamine	15.67	169	2241204	40.608	nq	99
67) 4-Bromophenyl-phenylether	16.35	248	807687	40.566	nq	97
68) Hexachlorobenzene	16.45	284	902736	40.500	nq	97
69) Atrazine	16.63	200	836858	41.943	nq	99
70) Pentachlorophenol	16.80	266	615292	42.149	nq	97
71) Phenanthrene	17.20	178	3817068	40.334	nq	100
72) Anthracene	17.29	178	3735228	41.045	nq	100
73) Carbazole	17.57	167	3865890	41.348	nq	99
74) Di-n-butylphthalate	18.13	149	4410191	43.063	nq	100
75) Fluoranthene	19.22	202	4485980	41.114	nq	98
77) Benzidine	19.42	184	2336027m	48.759	nq	
78) Pyrene	19.59	202	4703811	40.898	nq	100
80) Butylbenzylphthalate	20.49	149	2030925	41.382	nq	96
81) Benzo(a)anthracene	21.34	228	4630672	40.510	nq	100
82) 3,3'-Dichlorobenzidine	21.28	252	1845540	42.696	nq	99
83) Chrysene	21.39	228	4486030	40.641	nq	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	2948775	41.609	nq	99
85) Di-n-octyl phthalate	22.16	149	5025064	42.159	nq	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	5224508	41.047	nq	97
88) Benzo(b)fluoranthene	22.95	252	4627167	41.142	nq	98
89) Benzo(k)fluoranthene	23.00	252	4502821	39.727	nq	98
90) Benzo(a)pyrene	23.54	252	4378787	40.668	nq	98
91) Dibenzo(a,h)anthracene	25.97	278	4419259	40.507	nq	99
92) Benzo(g,h,i)perylene	26.67	276	4287497	40.385	nq	98

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



#1

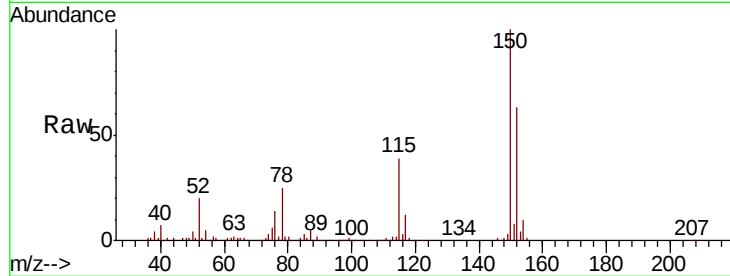
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	126.9	190.3
115	61.1	45.5	68.3

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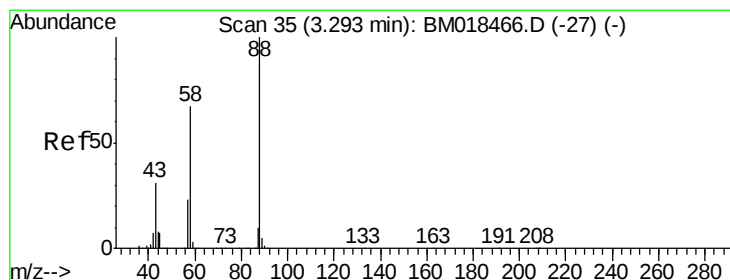
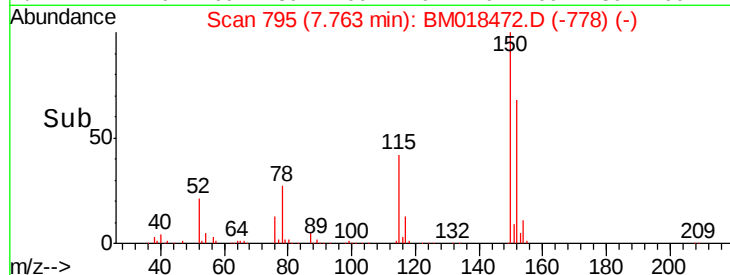
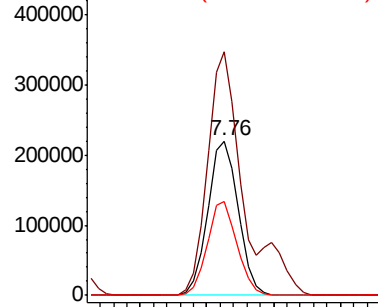


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

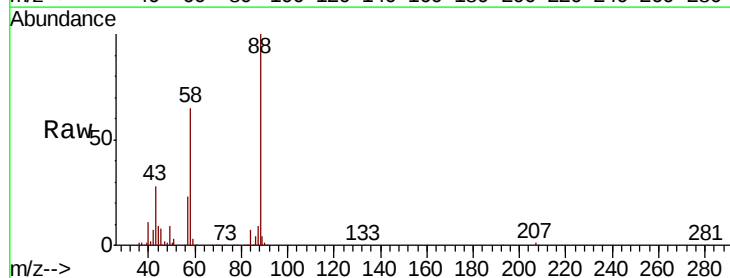
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.437 ng
RT: 3.29 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	58.4	87.6
43	31.5	26.2	39.4

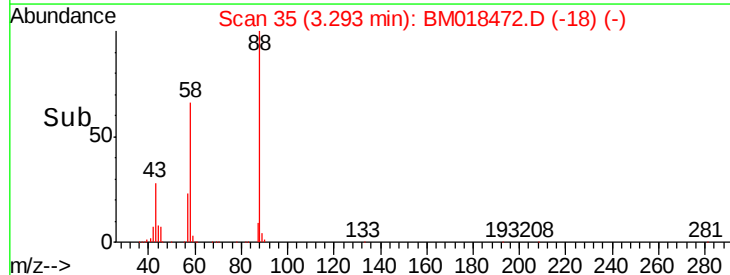
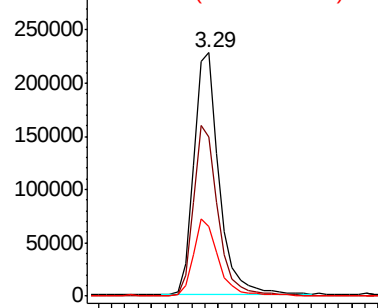


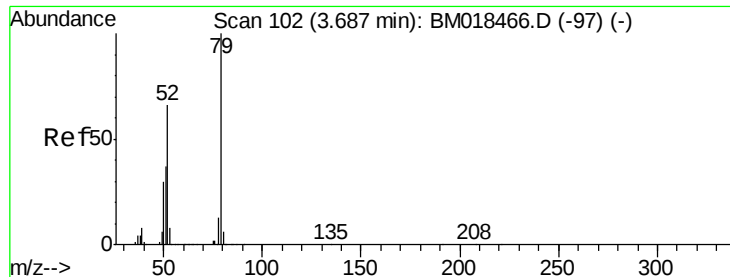
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 42.194 ng

RT: 3.69 min Scan# 102

Delta R.T. -0.02 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

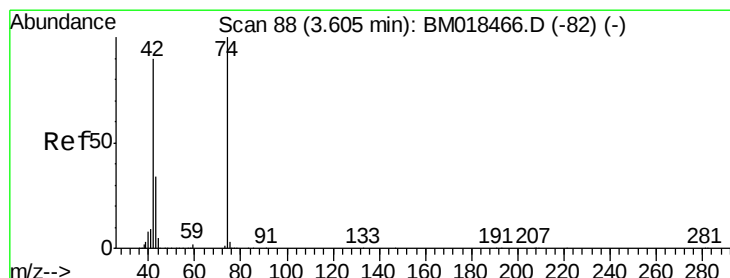
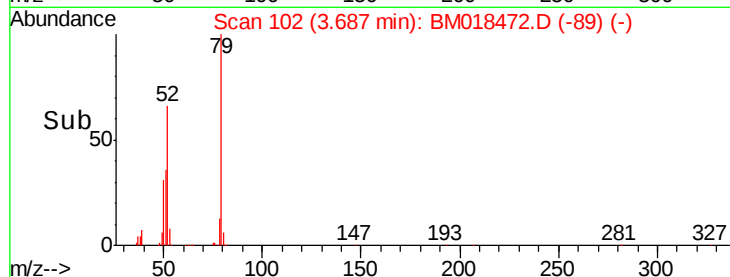
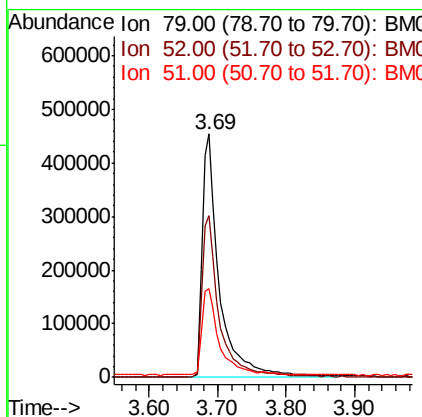
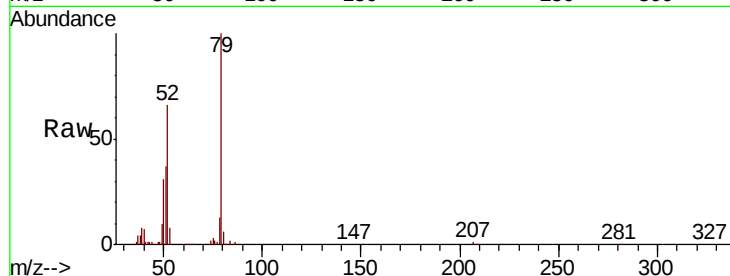
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	805807
Ion	Ratio	Lower	Upper
79	100		
52	66.4	56.4	84.6
51	36.6	31.0	46.4

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#4

n-Nitrosodimethylamine

Concen: 42.257 ng

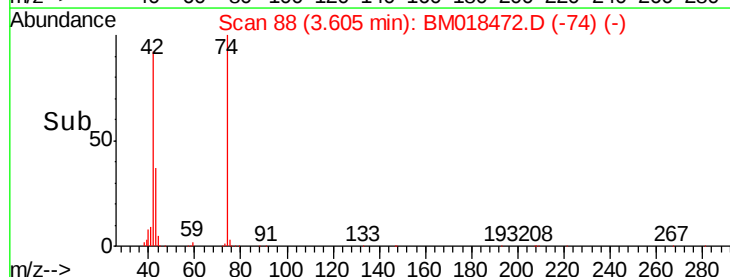
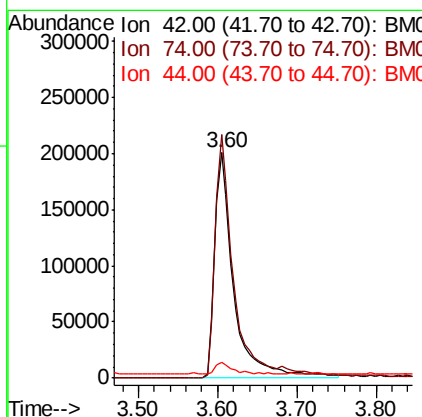
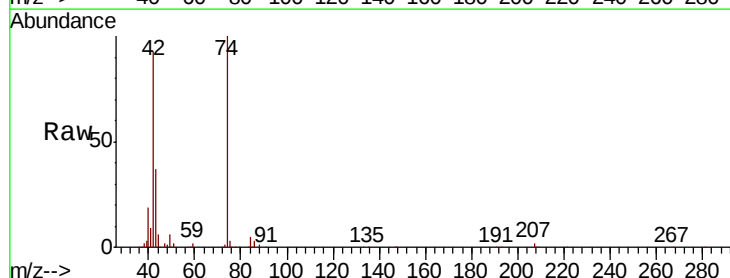
RT: 3.60 min Scan# 88

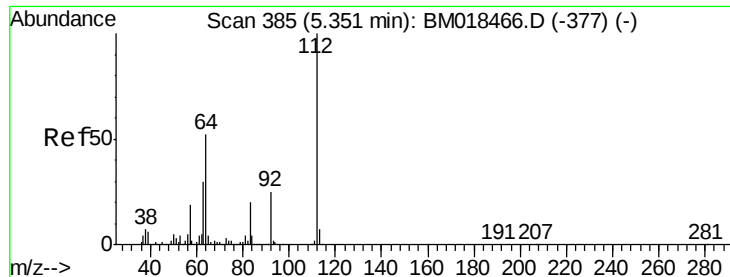
Delta R.T. -0.02 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Tgt Ion:	42	Resp:	333716
Ion	Ratio	Lower	Upper
42	100		
74	108.1	88.6	132.8
44	6.7	16.9	25.3





#5

2-Fluorophenol

Concen: 81.802 ng

RT: 5.35 min Scan# 385

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:112 Resp: 1537423

Ion Ratio Lower Upper

112 100

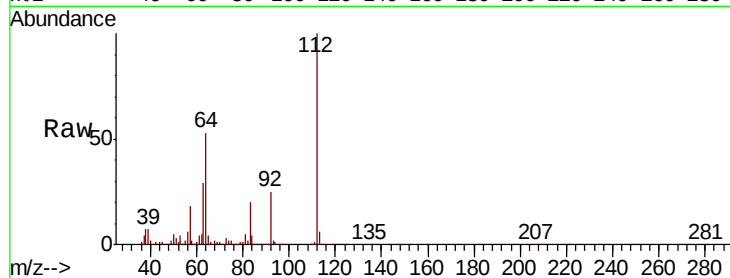
64 53.1 46.5 69.7

63 29.5 25.2 37.8

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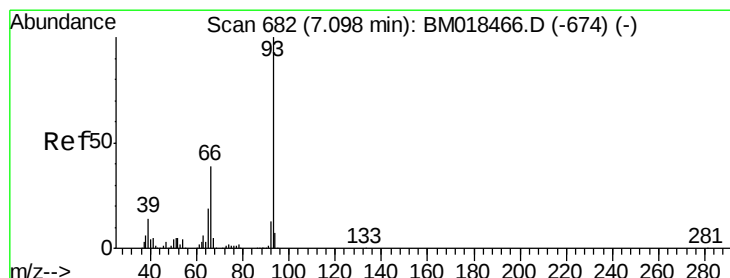
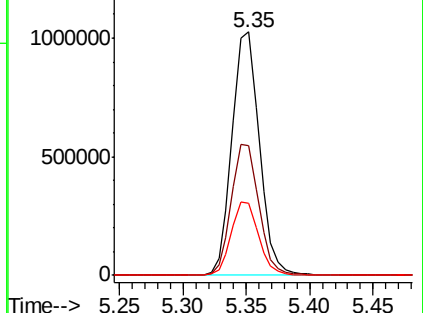
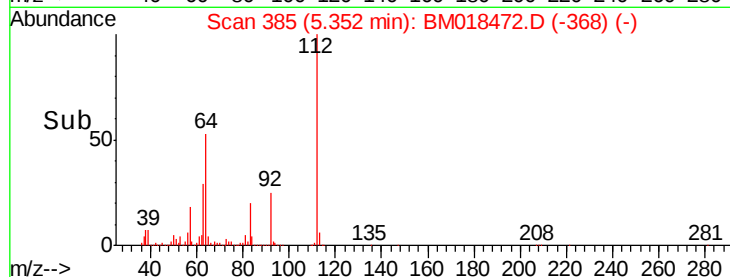
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 41.610 ng

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

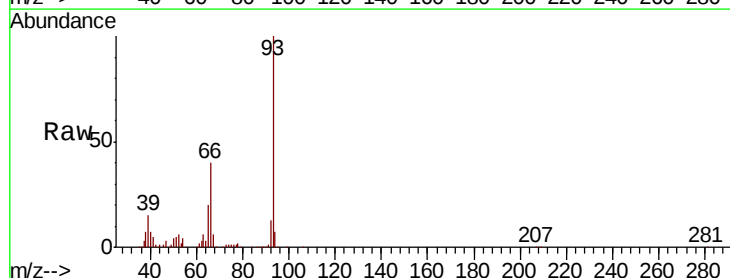
Tgt Ion: 93 Resp: 1107998

Ion Ratio Lower Upper

93 100

66 39.9 31.7 47.5

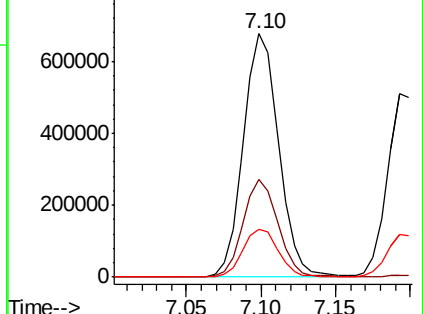
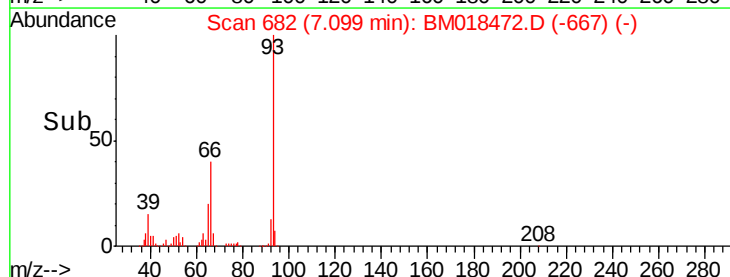
65 19.7 15.9 23.9

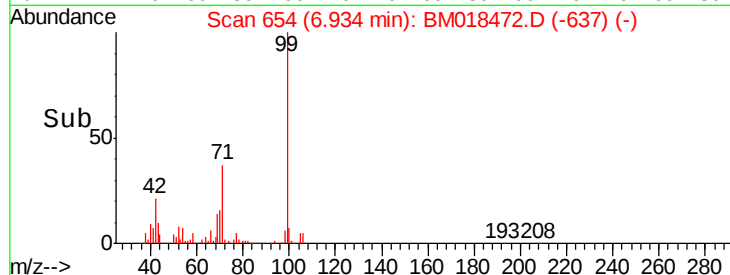
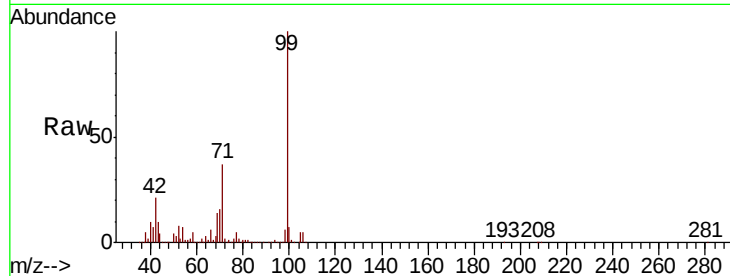
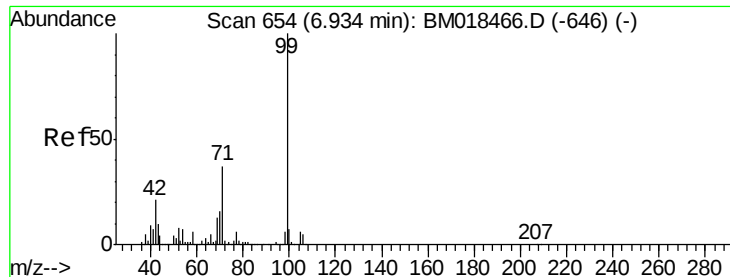


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 81.990 ng

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Tot Ion: 99 Resp: 1957206

Ion Ratio Lower Upper

99 100

42 21.2 17.3 25.9

71 37.2 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

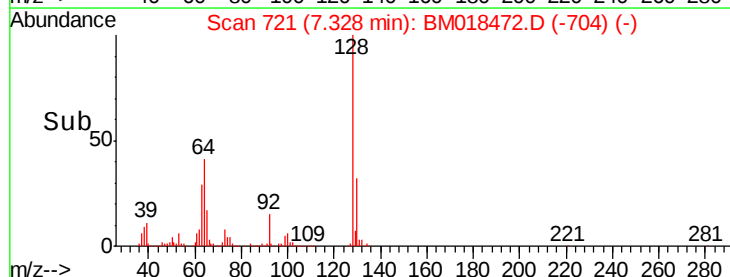
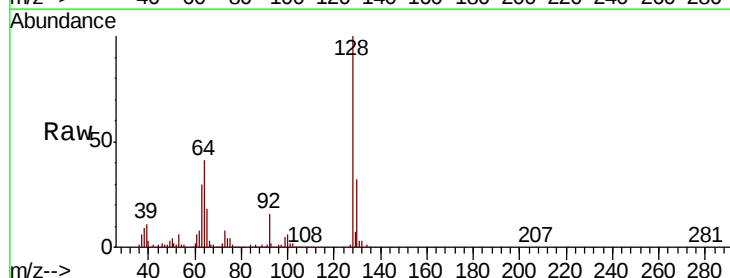
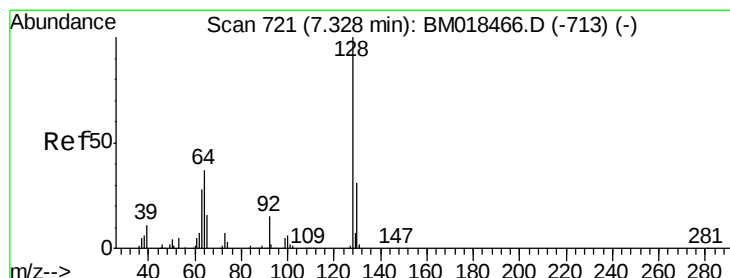
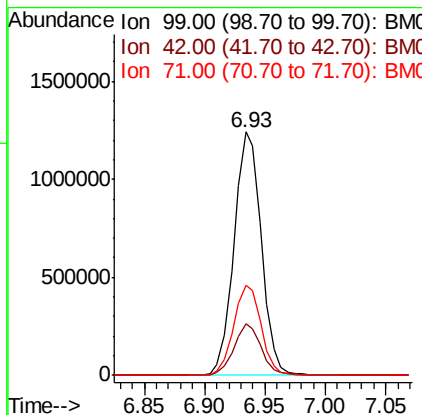
SSTDCCC040

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#8

2-Chlorophenol

Concen: 40.928 ng

RT: 7.33 min Scan# 721

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

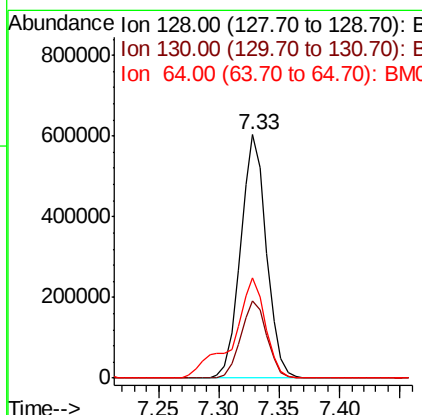
Tgt Ion: 128 Resp: 898377

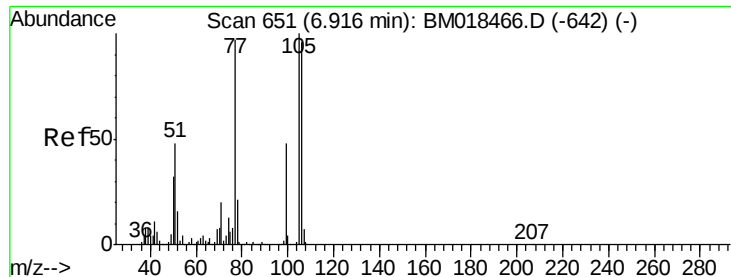
Ion Ratio Lower Upper

128 100

130 31.5 13.6 53.6

64 41.0 24.8 64.8





#9

Benzaldehyde

Concen: 40.350 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

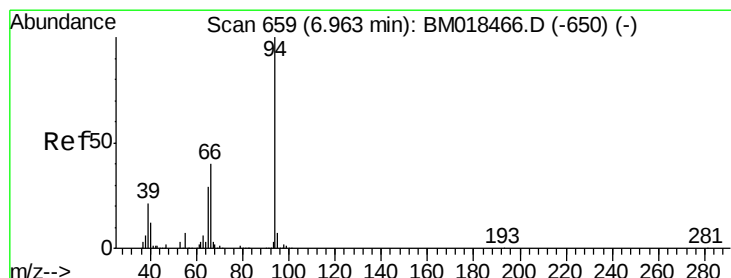
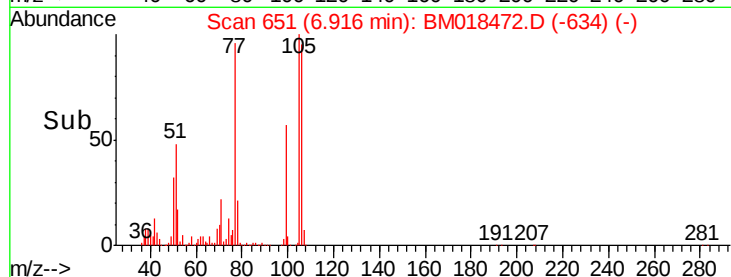
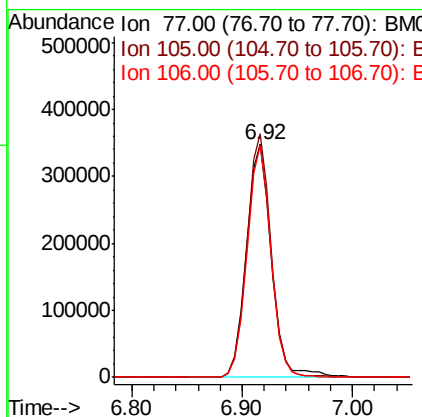
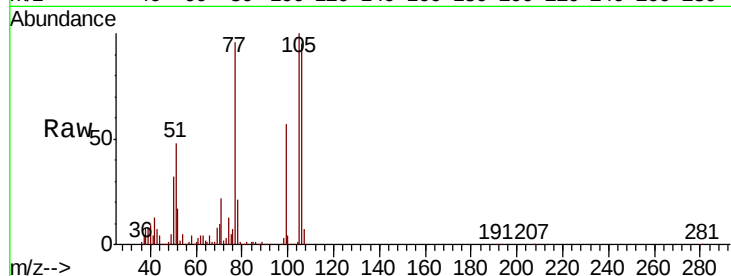
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	552991
Ion	Ratio	Lower	Upper
77	100		
105	104.4	79.7	119.7
106	99.3	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 40.568 ng

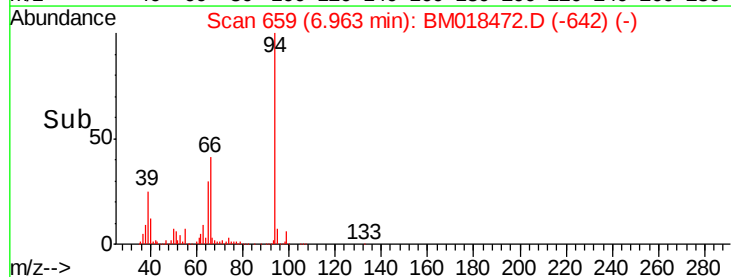
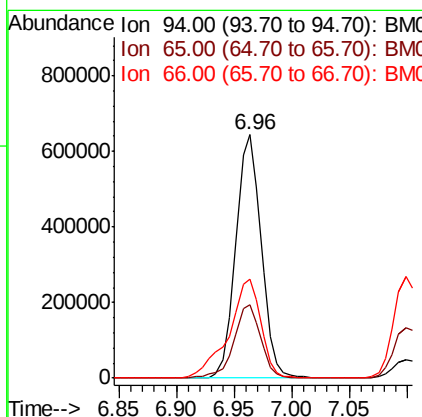
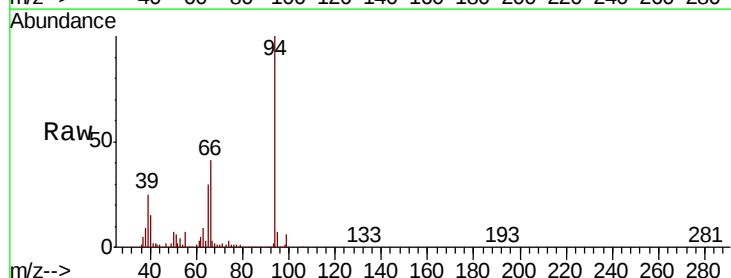
RT: 6.96 min Scan# 659

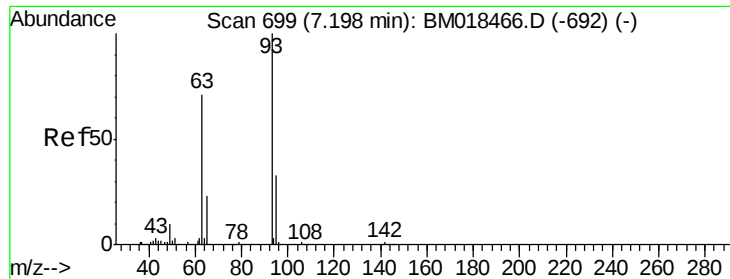
Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Tgt Ion:	94	Resp:	984059
Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.4	49.4
66	40.7	19.1	59.1





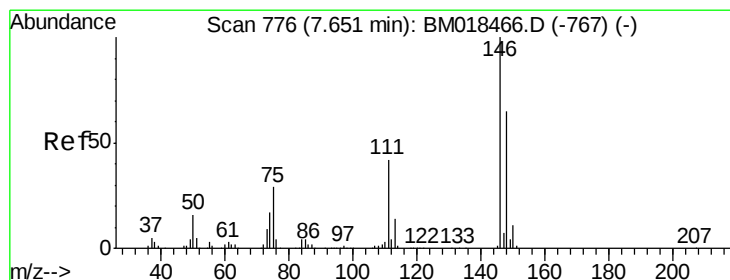
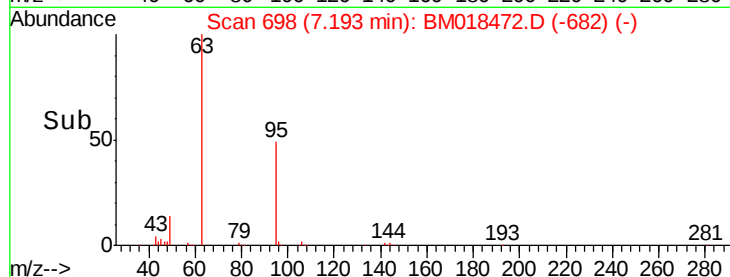
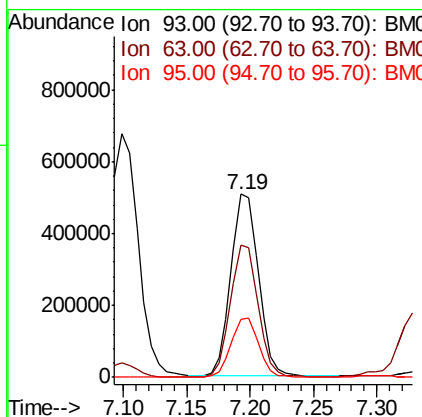
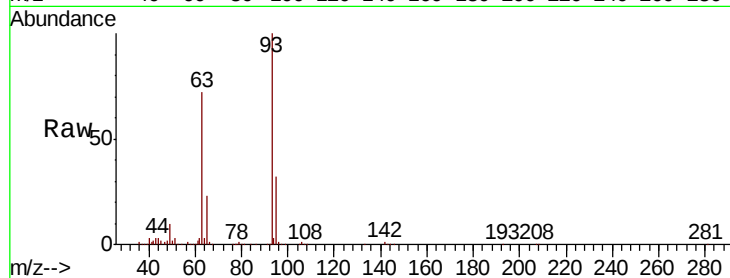
#11
bis(2-Chloroethyl)ether
Concen: 40.219 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	766565
Ion	Ratio	Lower	Upper
93	100		
63	72.1	56.4	96.4
95	31.9	12.7	52.7

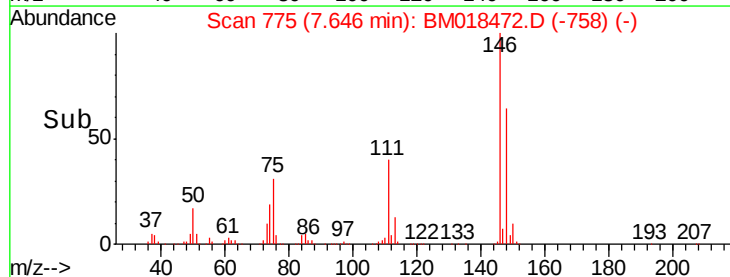
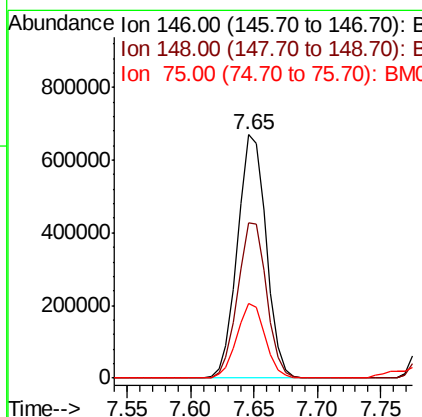
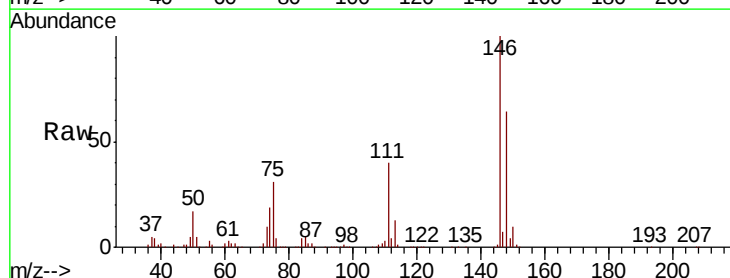
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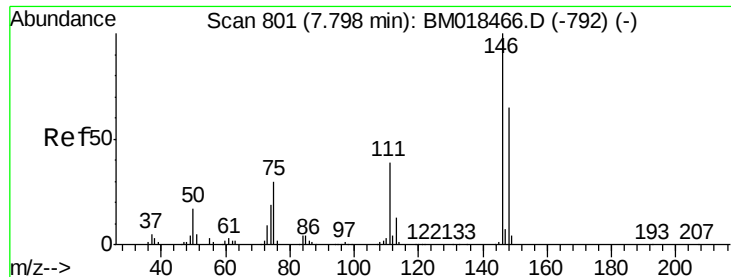
Sohil
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#12
1,3-Dichlorobenzene
Concen: 40.127 ng
RT: 7.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion:	146	Resp:	1048956
Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
75	30.5	23.0	34.6





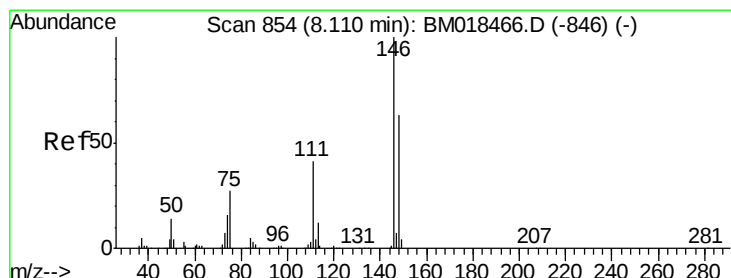
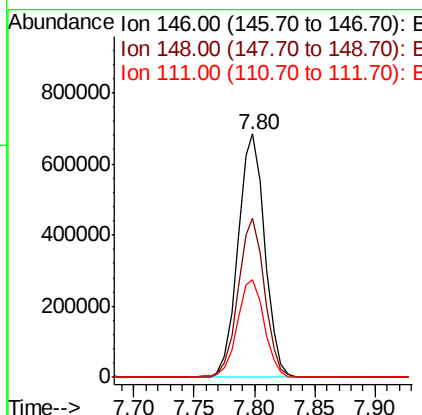
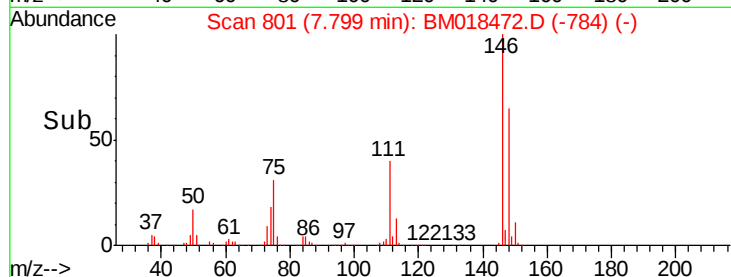
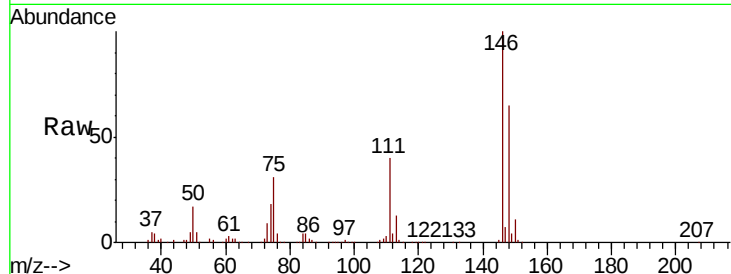
#13
 1,4-Dichlorobenzene
 Concen: 39.872 ng
 RT: 7.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 1056420
 Ion Ratio Lower Upper
 146 100
 148 65.4 50.8 76.2
 111 40.1 32.2 48.2

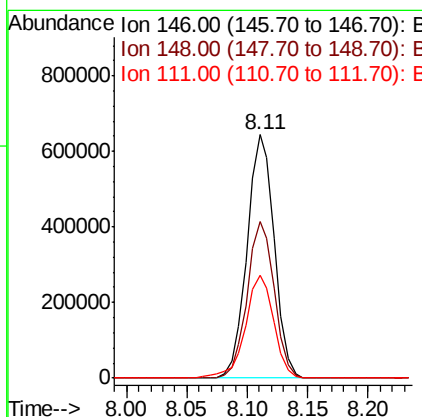
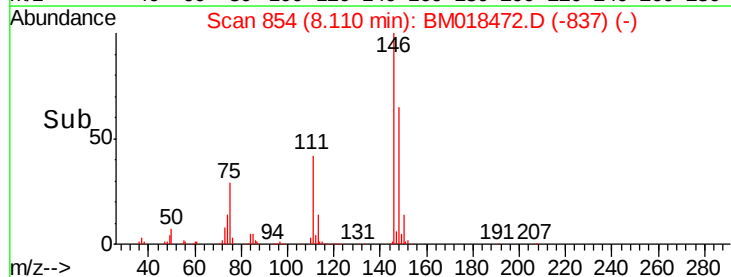
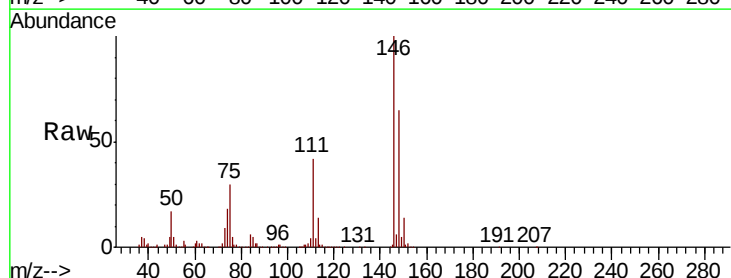
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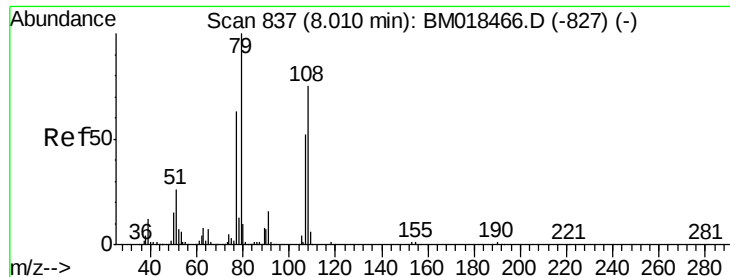
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 40.130 ng
 RT: 8.11 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Tgt Ion:146 Resp: 1008201
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.0 76.6
 111 42.5 33.8 50.6





#15

Benzyl Alcohol

Concen: 42.330 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

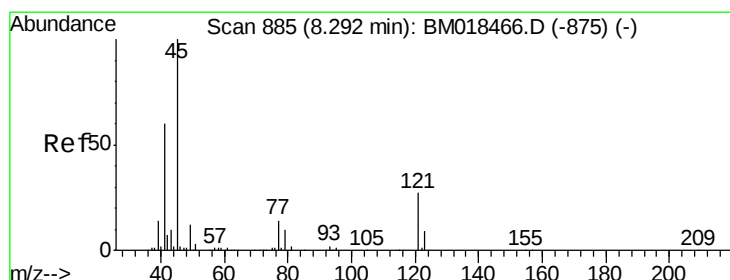
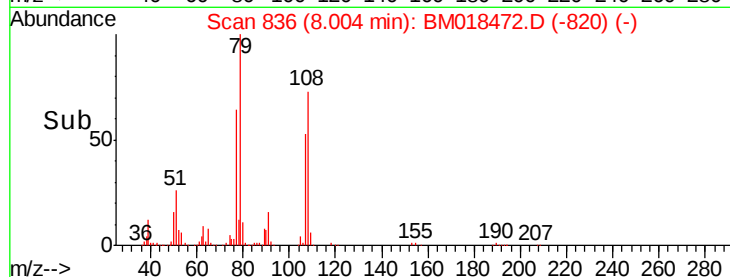
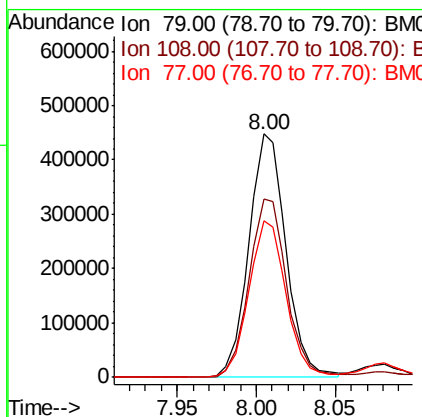
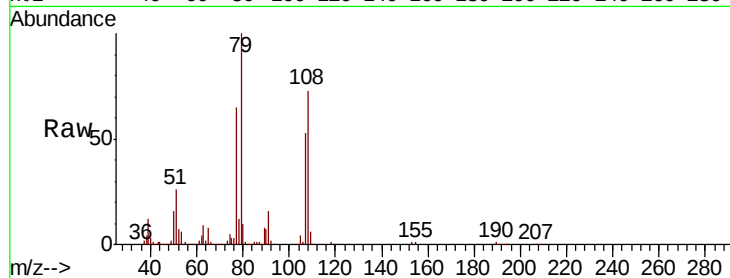
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	729819
Ion Ratio	Lower	Upper	
79	100		
108	73.0	60.4	90.6
77	64.5	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.895 ng

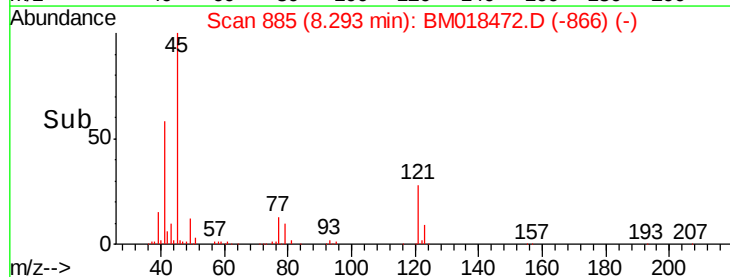
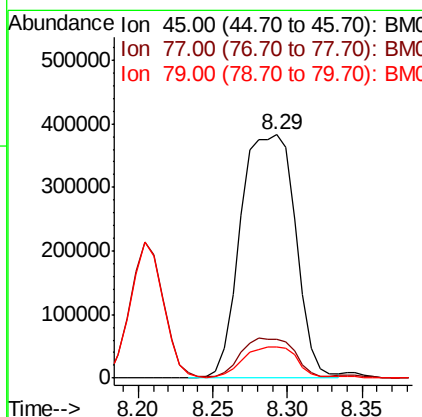
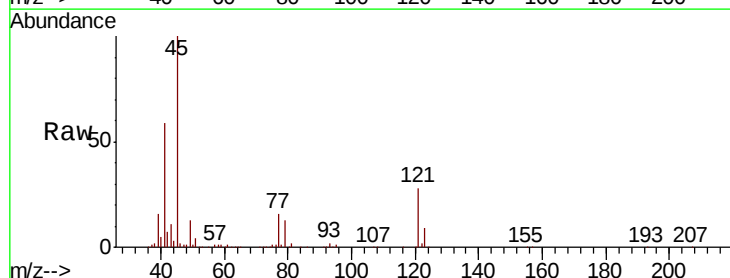
RT: 8.29 min Scan# 885

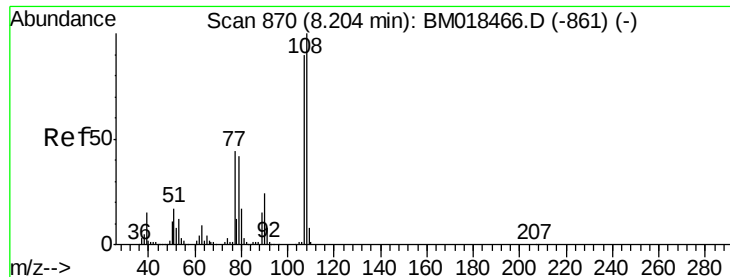
Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Tgt Ion:	45	Resp:	971742
Ion Ratio	Lower	Upper	
45	100		
77	16.1	0.0	33.4
79	12.6	0.0	31.1





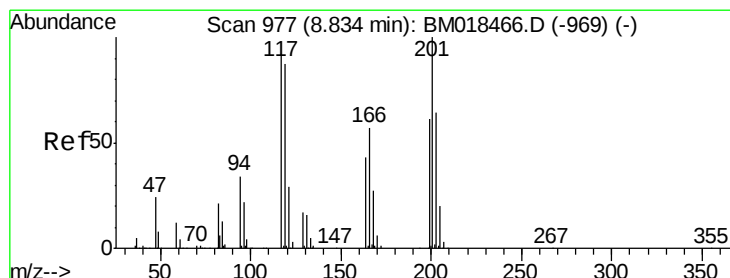
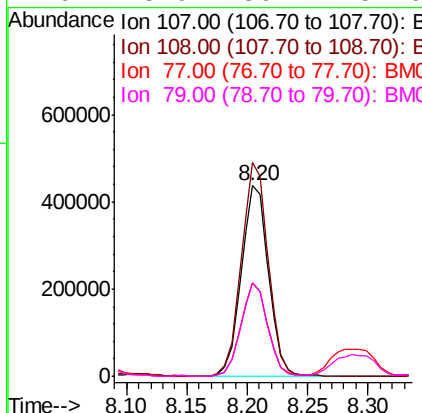
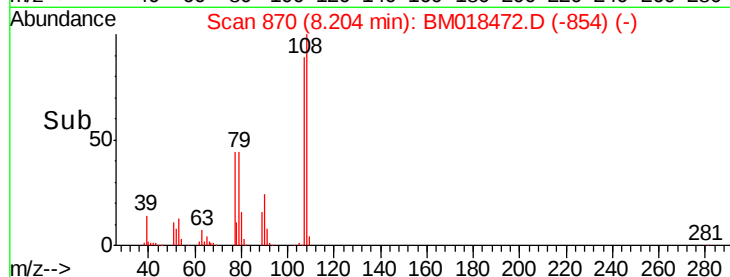
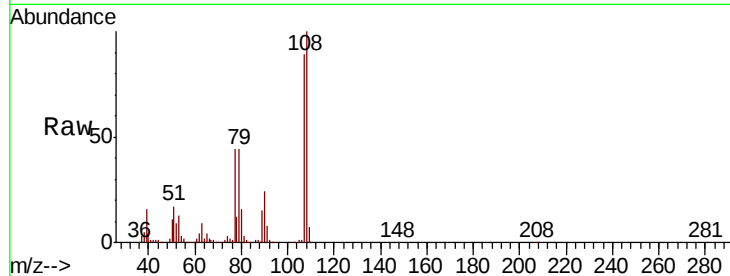
#17
2-Methylphenol
Concen: 41.535 ng
RT: 8.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	87.5	131.3	
77	49.1	37.3	55.9	
79	48.9	36.4	54.6	

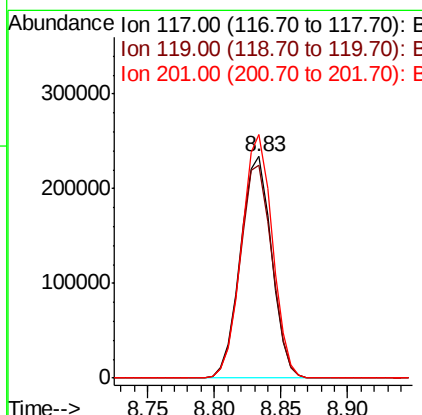
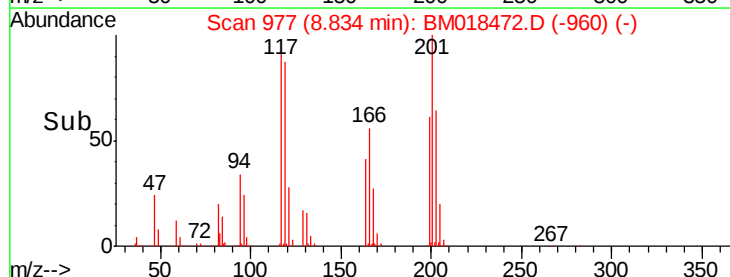
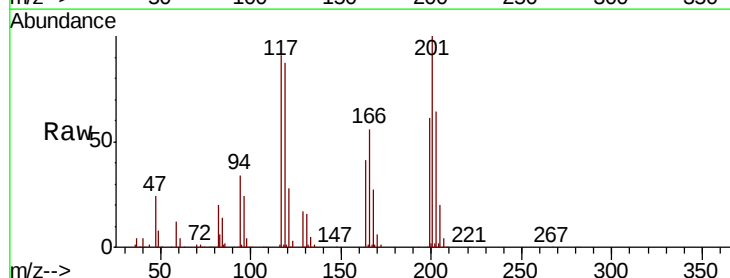
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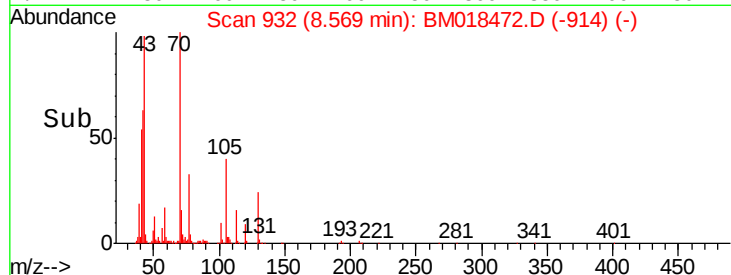
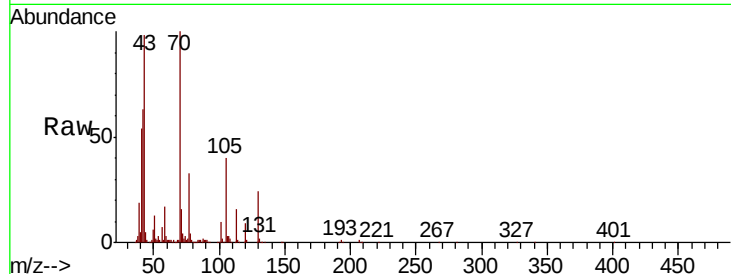
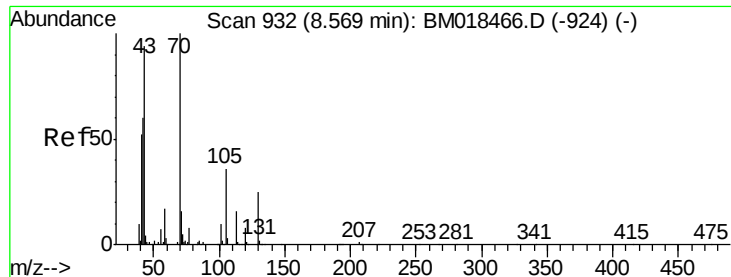
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#18
Hexachloroethane
Concen: 40.066 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	78.3	117.5	
201	110.0	81.4	122.0	





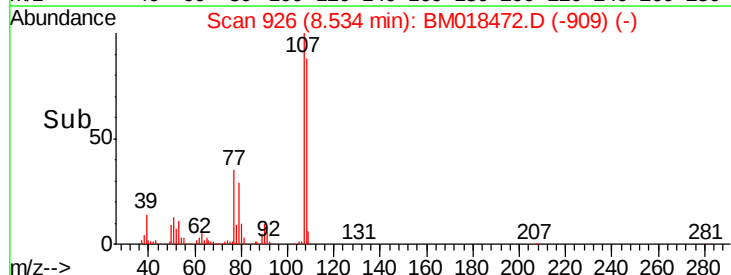
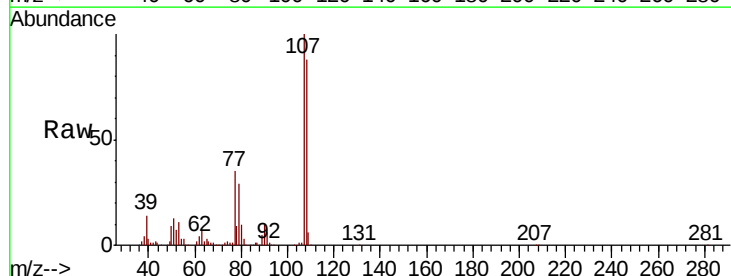
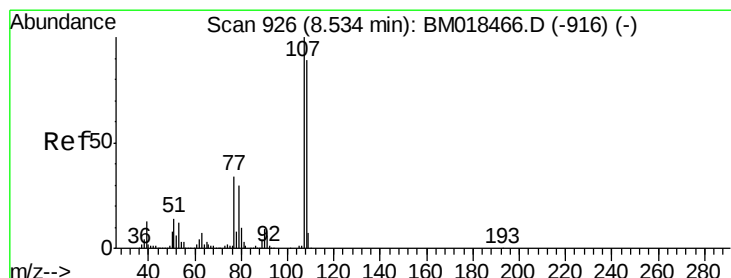
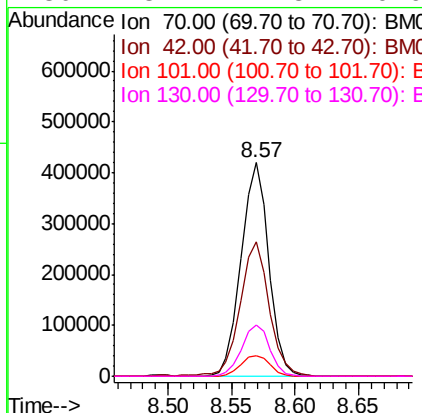
#19
n-Nitroso-di-n-propylamine
Concen: 40.599 ng
RT: 8.57 min Scan# 932
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.2	54.0	81.0	
101	9.9	8.1	12.1	
130	23.7	17.8	26.6	

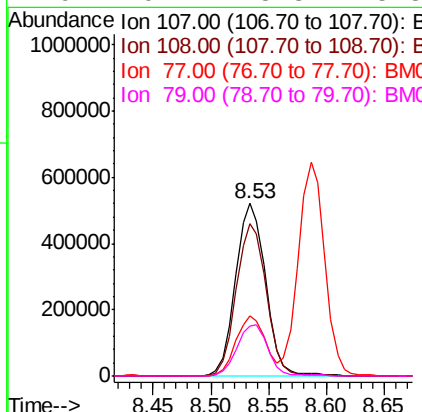
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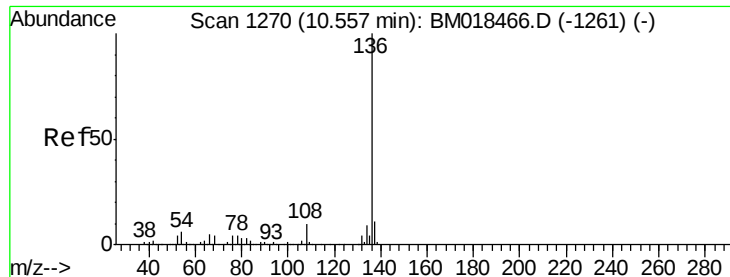
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#20
3+4-Methylphenols
Concen: 41.367 ng
RT: 8.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.0	66.8	106.8	
77	35.1	13.3	53.3	
79	29.2	8.8	48.8	





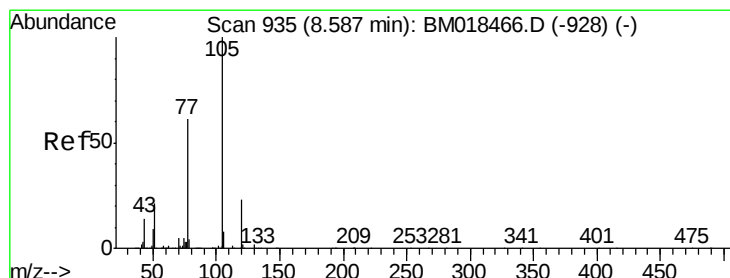
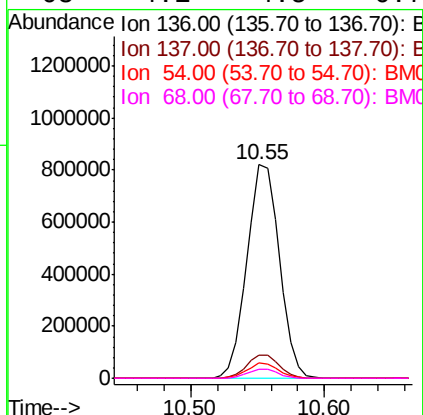
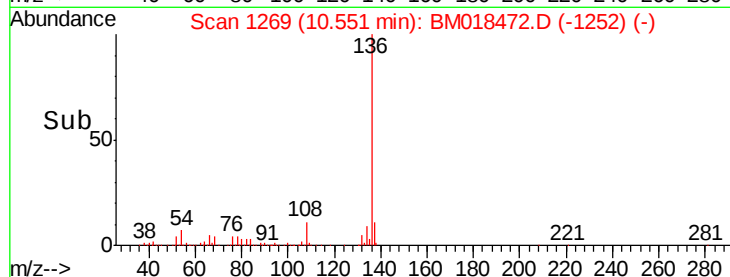
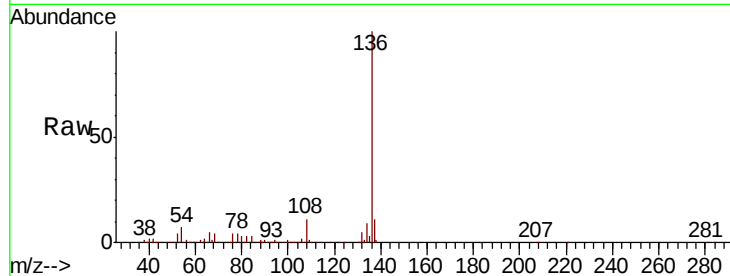
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	136	Resp	1376485
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.0	6.0	9.0
68	4.1	4.5	6.7#

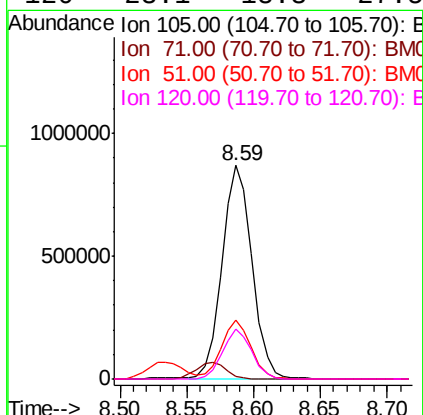
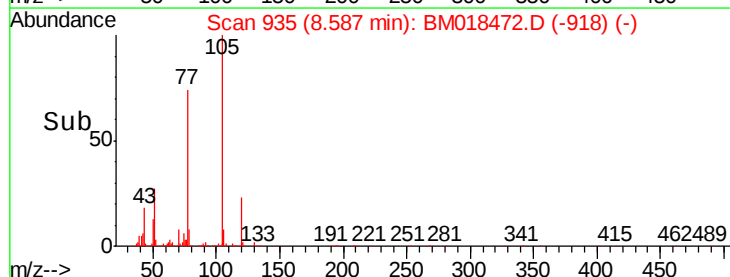
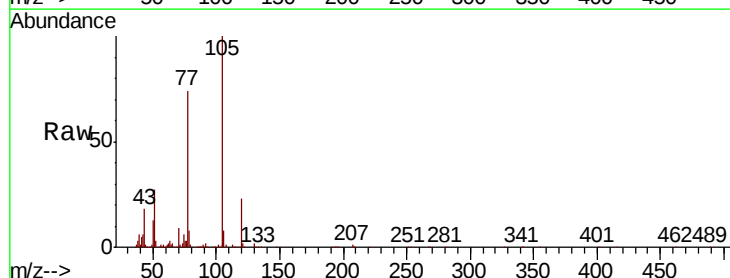
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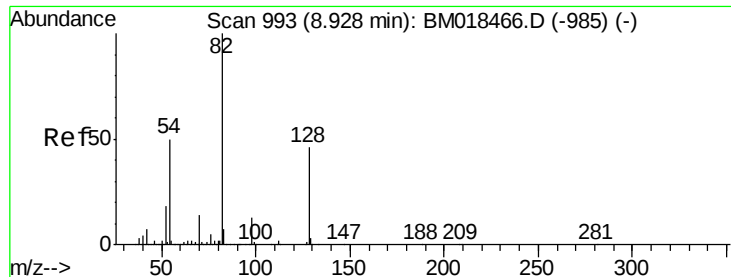
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#22
Acetophenone
Concen: 40.024 ng
RT: 8.59 min Scan# 935
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	105	Resp	1362837
Ion	Ratio	Lower	Upper
105	100		
71	1.3	1.7	2.5#
51	27.4	22.6	34.0
120	23.1	18.3	27.5





#23

Nitrobenzene-d5

Concen: 81.040 ng

RT: 8.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1924256

Ion Ratio Lower Upper

82 100

128 46.1 36.3 54.5

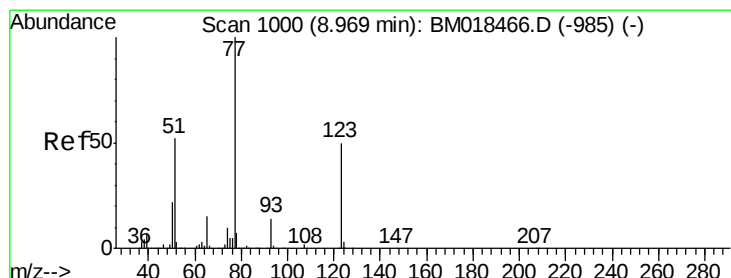
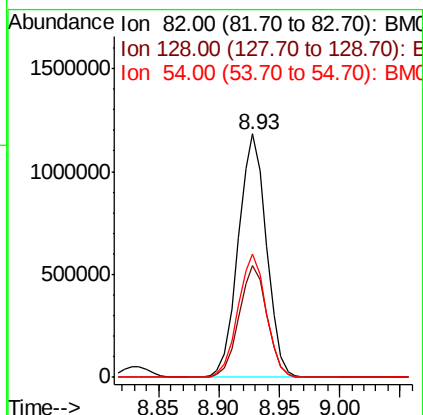
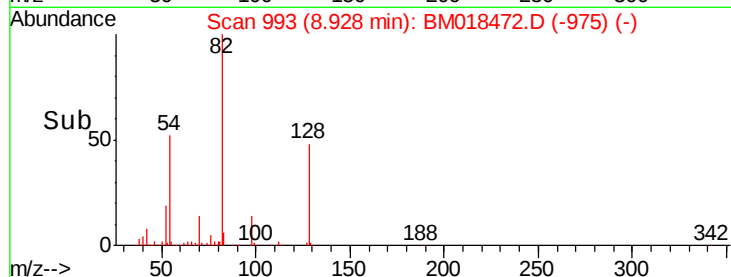
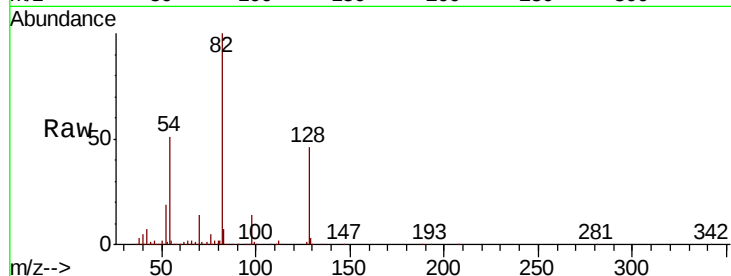
54 50.7 41.7 62.5

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#24

Nitrobenzene

Concen: 40.498 ng

RT: 8.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

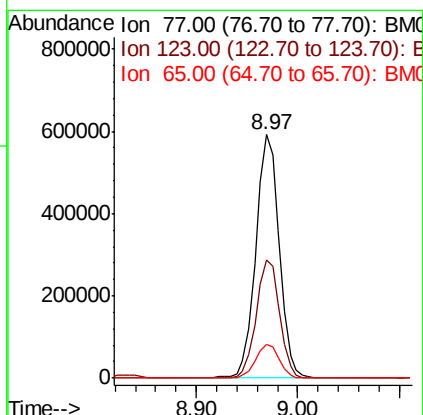
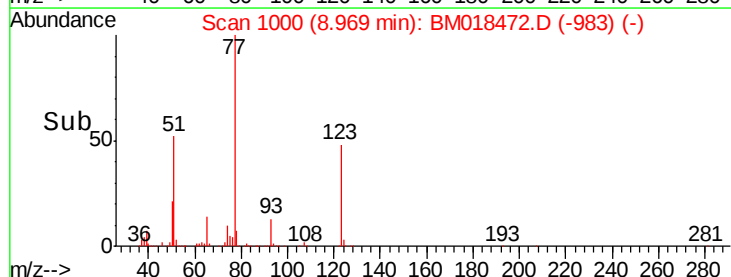
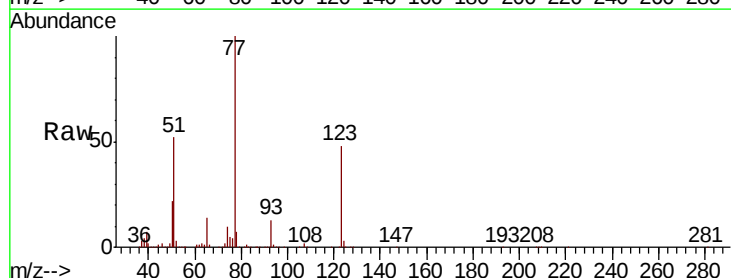
Tgt Ion: 77 Resp: 946154

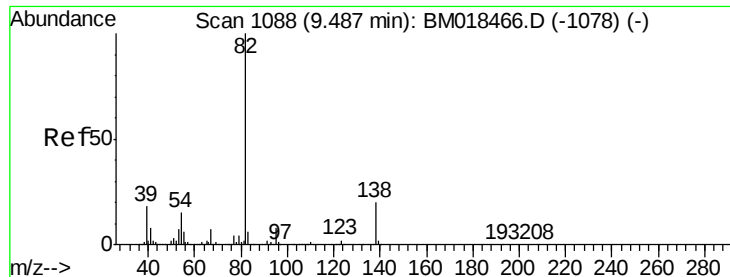
Ion Ratio Lower Upper

77 100

123 48.4 37.7 56.5

65 13.7 11.0 16.6





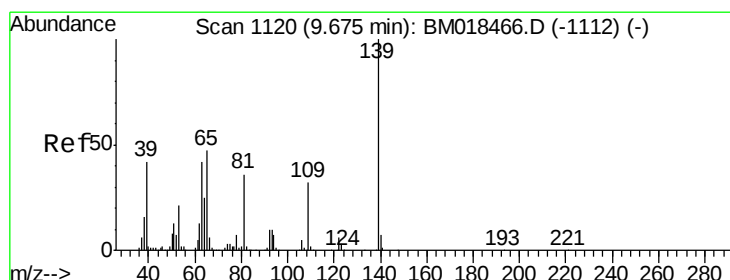
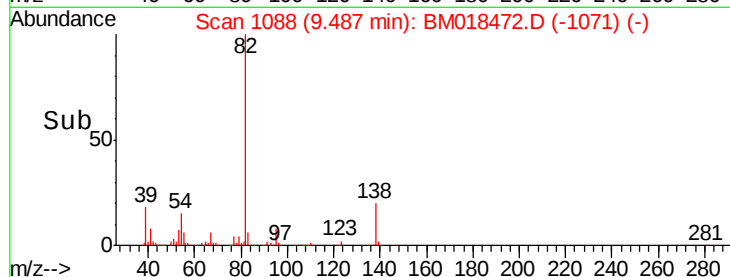
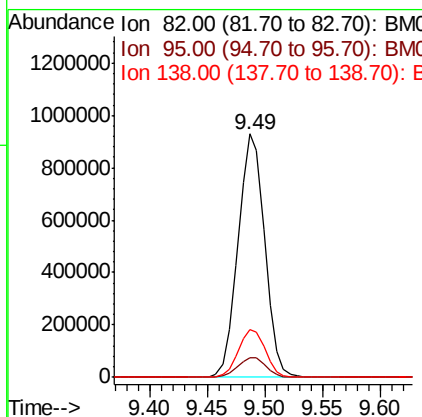
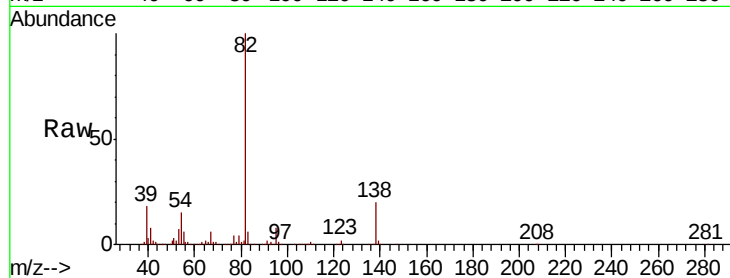
#25
Isophorone
Concen: 41.330 ng
RT: 9.49 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
82	82	100		
95	95	8.1	6.1	9.1
138	138	19.9	15.1	22.7

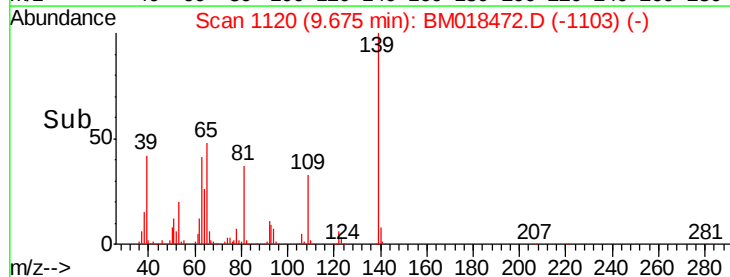
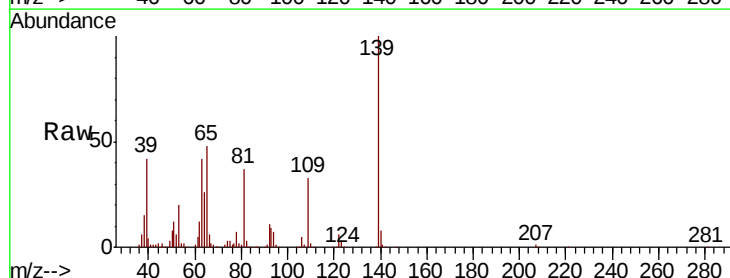
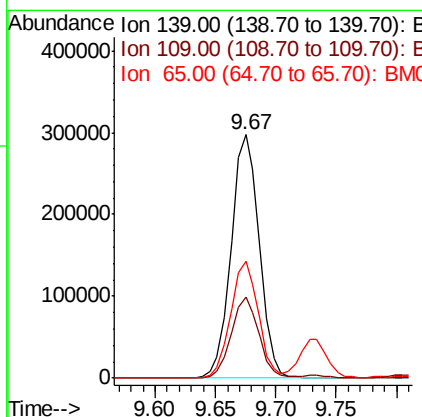
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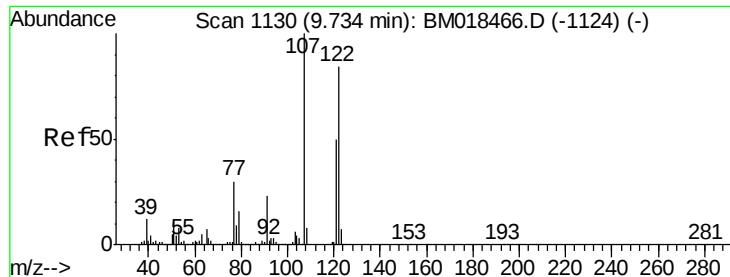
Sohil
1/10/2019 3:11:56 PM



#26
2-Nitrophenol
Concen: 42.655 ng
RT: 9.67 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ion	Ratio	Lower	Upper
139	139	100		
109	109	33.5	23.4	35.2
65	65	47.8	39.4	59.2





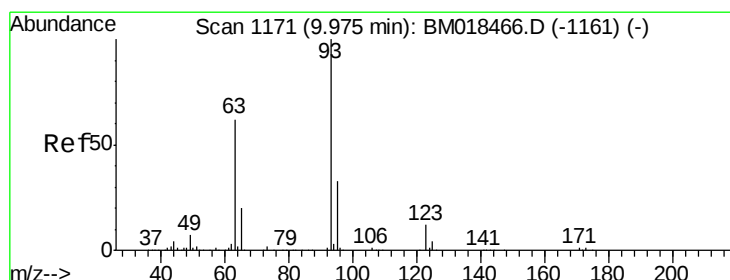
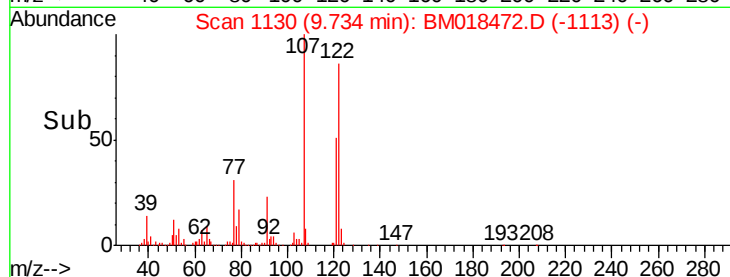
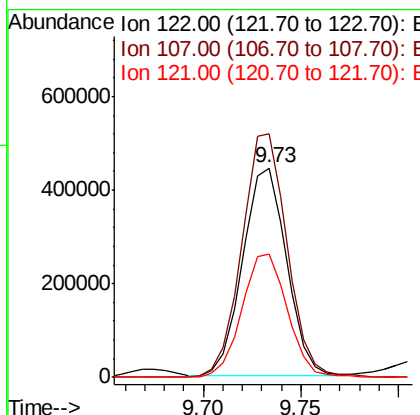
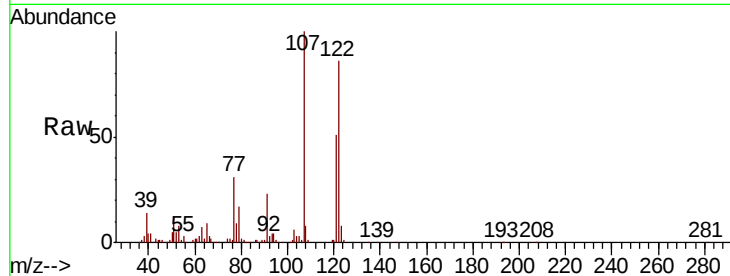
#27
2,4-Dimethylphenol
Concen: 40.977 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	91.9	137.9
121	58.8	47.5	71.3

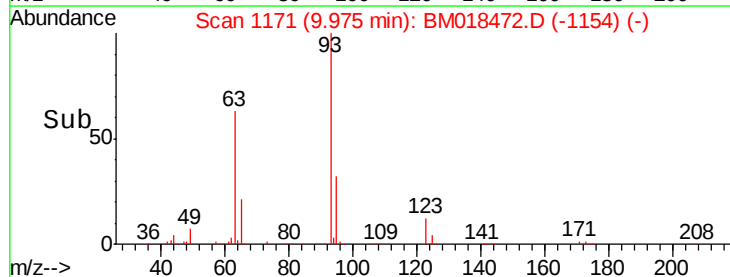
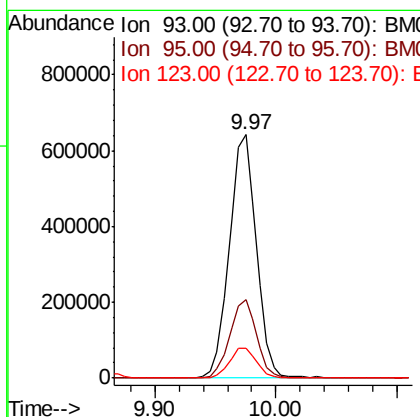
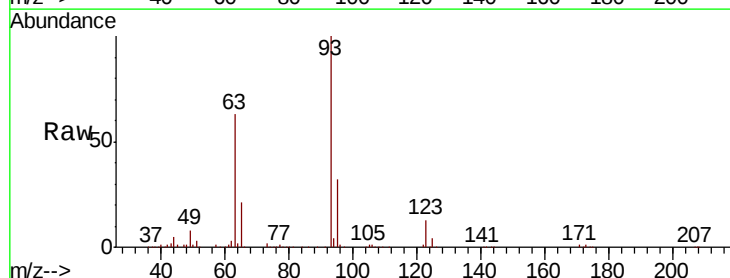
Manual Integrations
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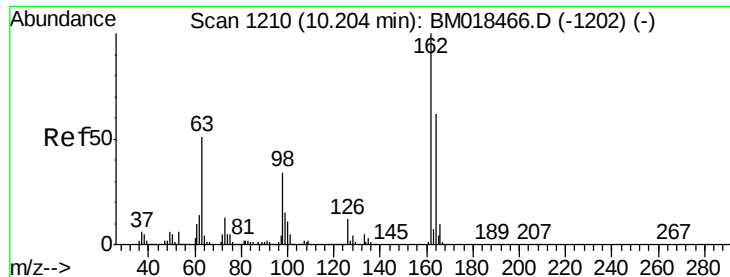
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.233 ng
RT: 9.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	39.8
123	12.5	9.9	14.9





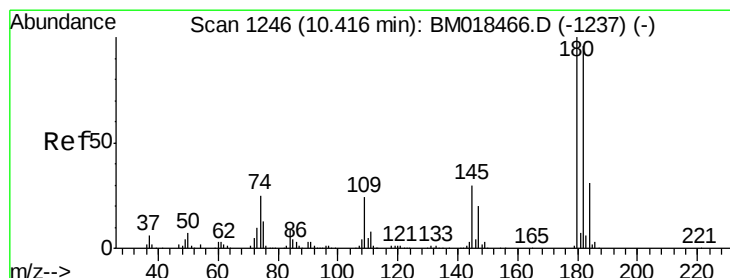
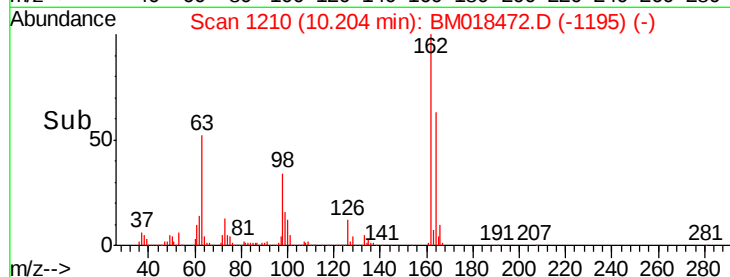
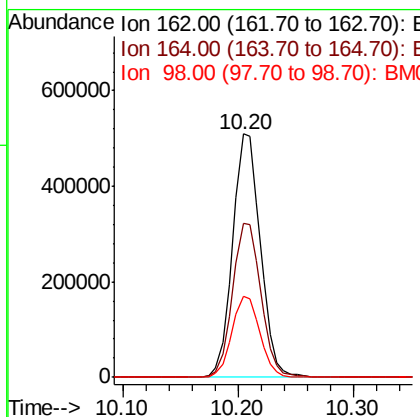
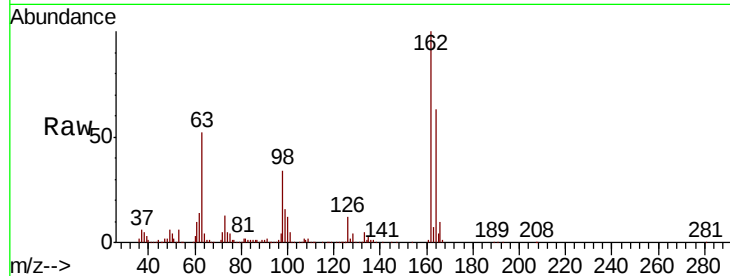
#29
 2,4-Dichlorophenol
 Concen: 42.170 ng
 RT: 10.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.6	85.6
98	33.5	14.7	54.7

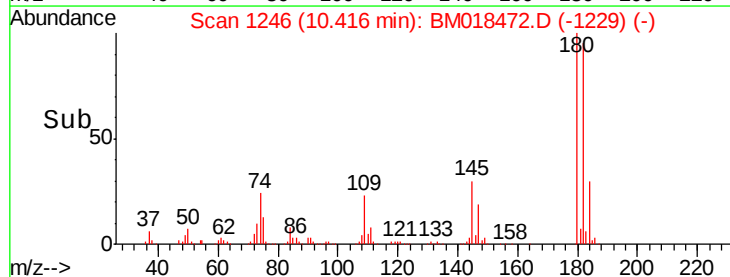
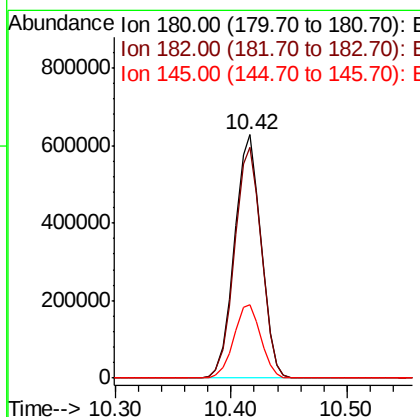
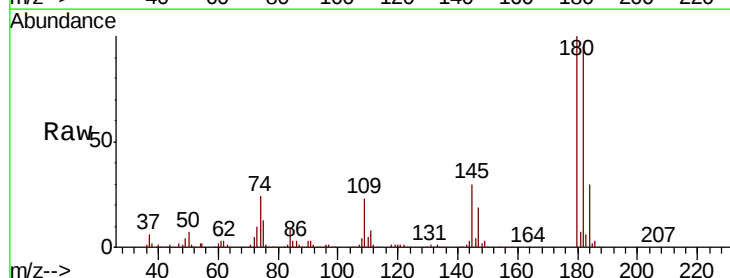
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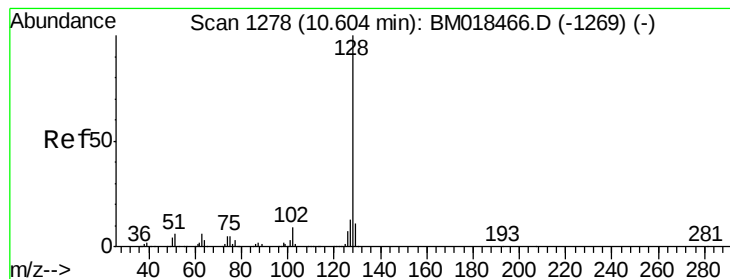
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 1/10/2019 3:11:56 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.964 ng
 RT: 10.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.4	116.2
145	30.1	24.6	37.0





#31

Naphthalene

Concen: 39.870 ng

RT: 10.60 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 2643032

Ion Ratio Lower Upper

128 100

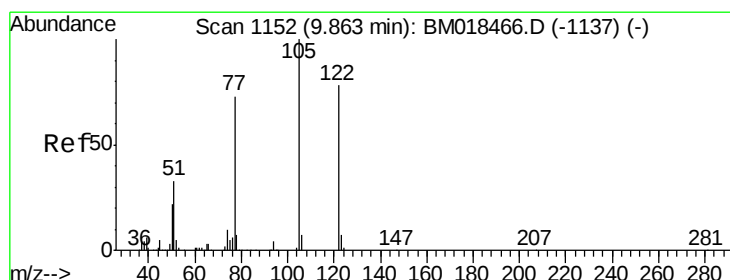
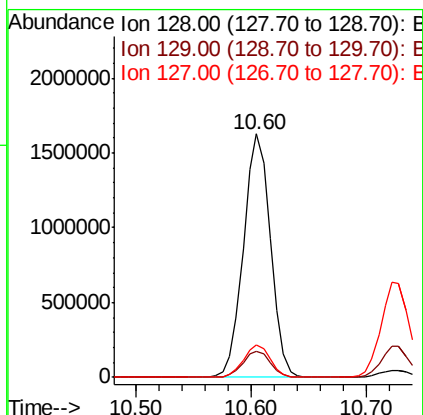
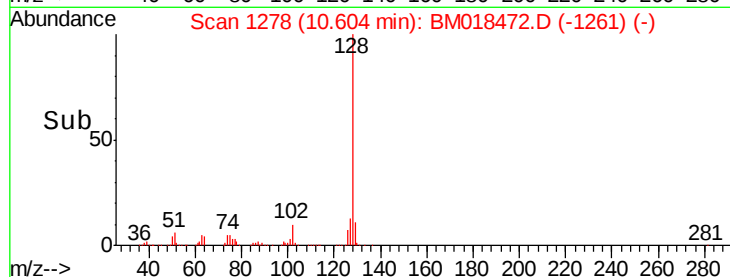
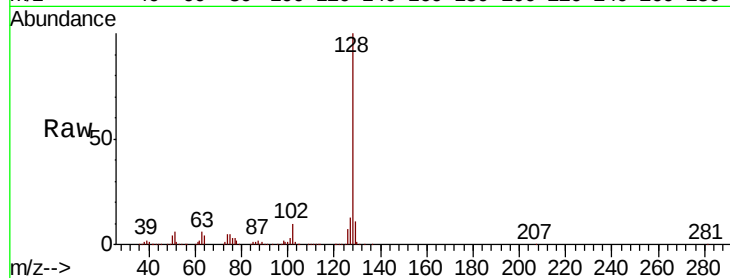
129 10.8 8.7 13.1

127 13.2 10.8 16.2

Manual Integrations
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#32

Benzoic acid

Concen: 40.560 ng m

RT: 9.86 min Scan# 1152

Delta R.T. -0.04 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

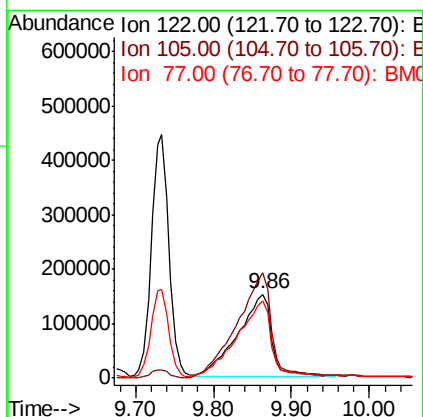
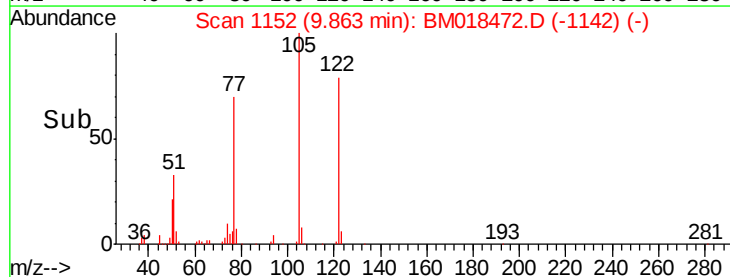
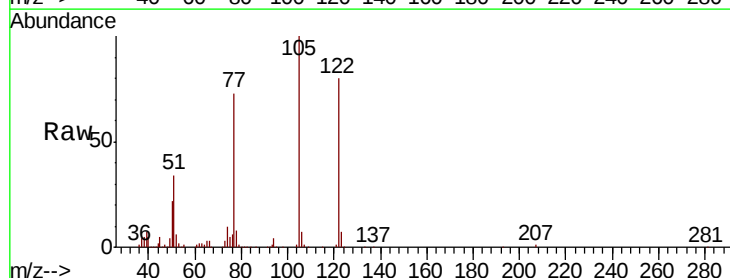
Tgt Ion:122 Resp: 449123

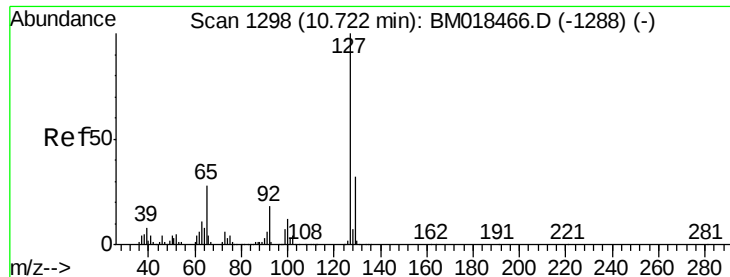
Ion Ratio Lower Upper

122 100

105 124.7 100.4 140.4

77 91.2 71.7 111.7





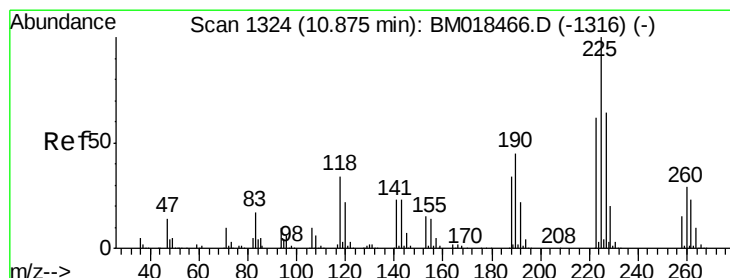
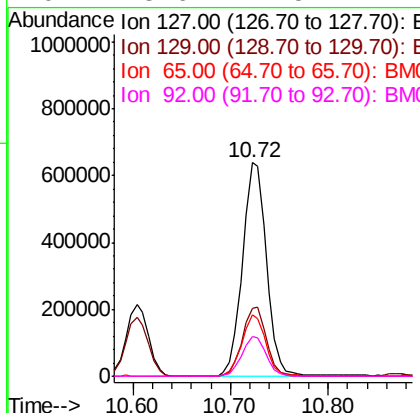
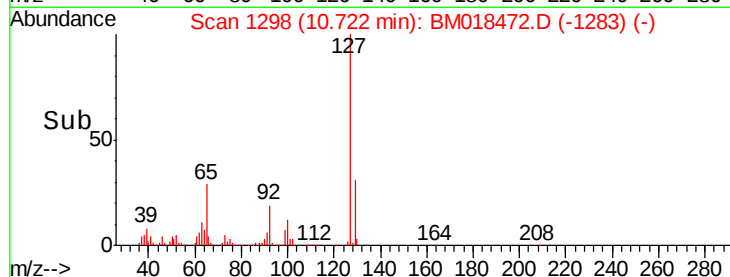
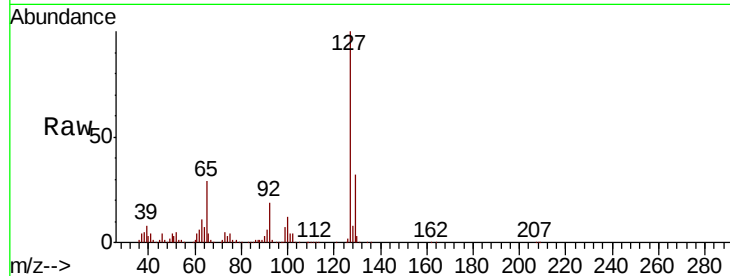
#33
4-Chloroaniline
Concen: 42.243 ng
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.9	38.9		
65	28.8	23.4	35.2		
92	18.6	14.5	21.7		

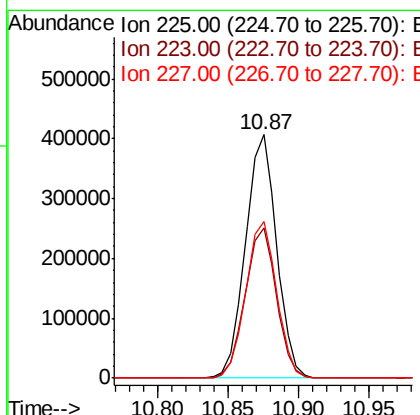
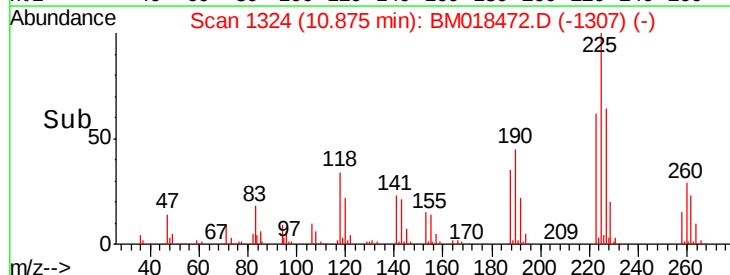
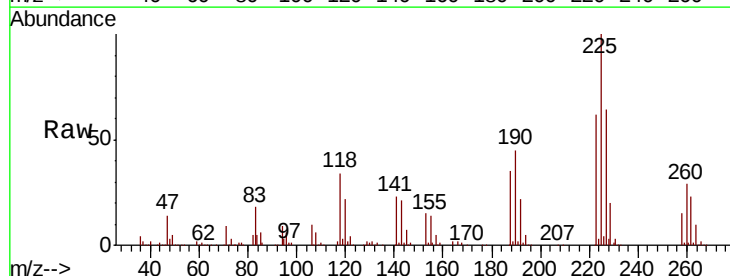
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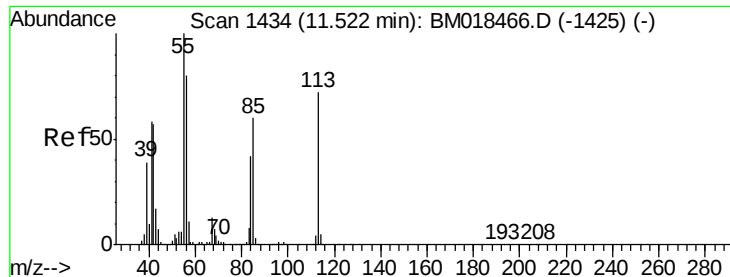
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#34
Hexachlorobutadiene
Concen: 39.872 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.8	76.2		
227	64.1	50.4	75.6		





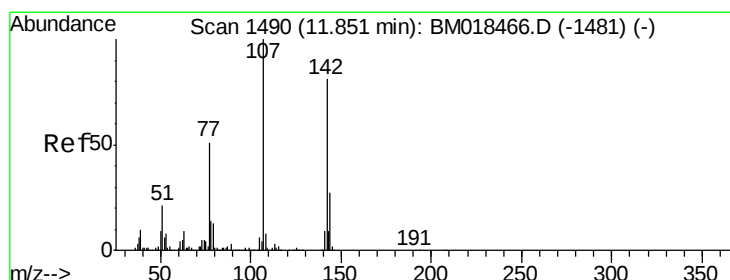
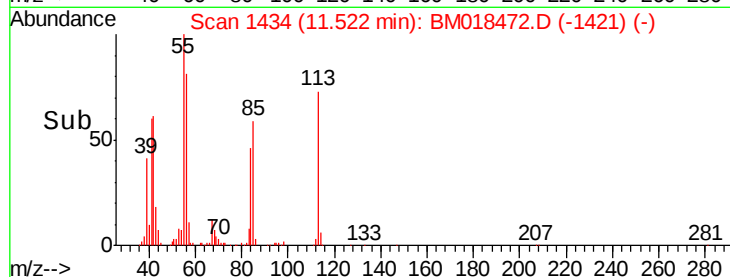
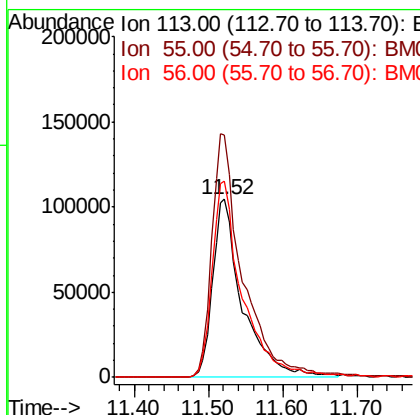
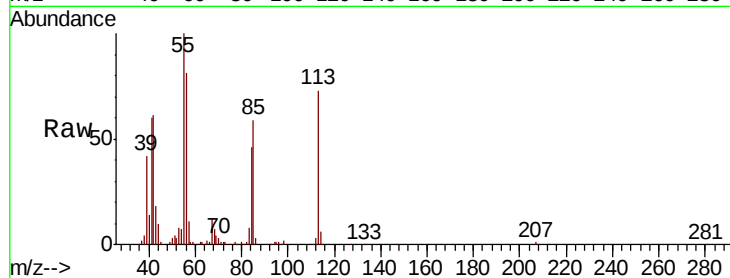
#35
Caprolactam
Concen: 42.597 ng/ml
RT: 11.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	136.1	139.3	179.3#
56	110.0	101.4	141.4

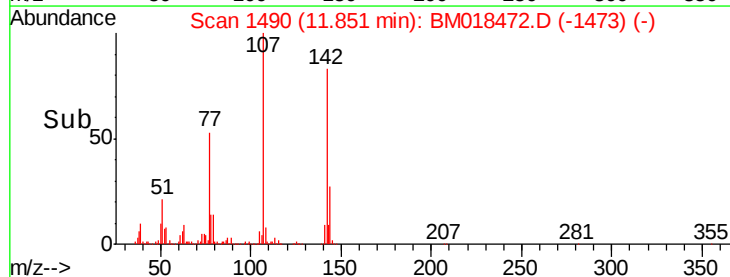
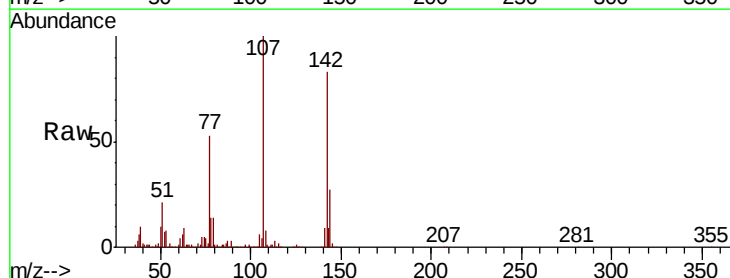
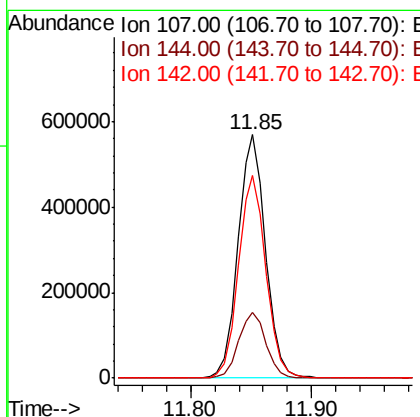
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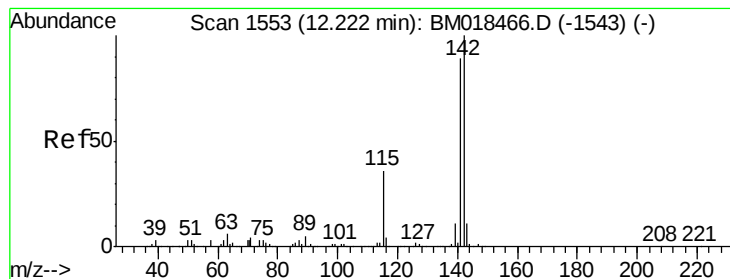
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#36
4-Chloro-3-methylphenol
Concen: 42.478 ng/ml
RT: 11.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	21.9	32.9
142	83.4	67.9	101.9





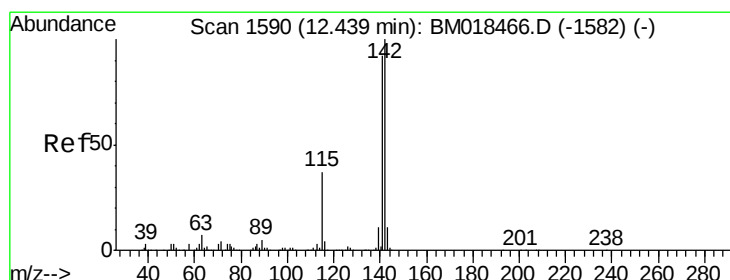
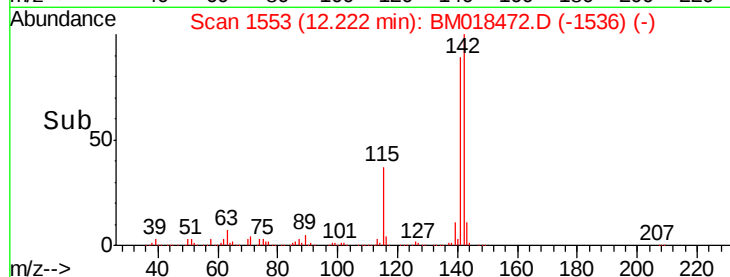
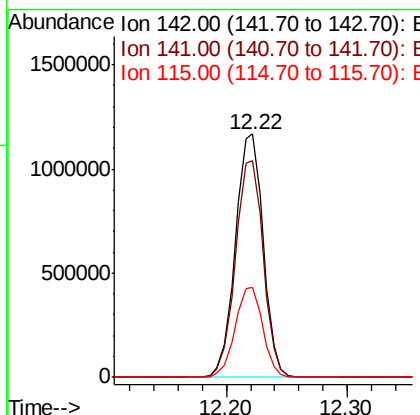
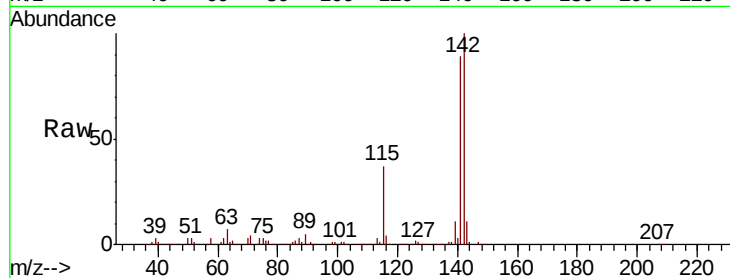
#37
2-Methylnaphthalene
Concen: 40.106 ng
RT: 12.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	36.8	28.0	42.0

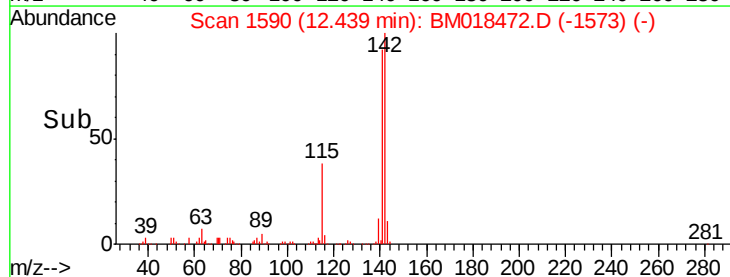
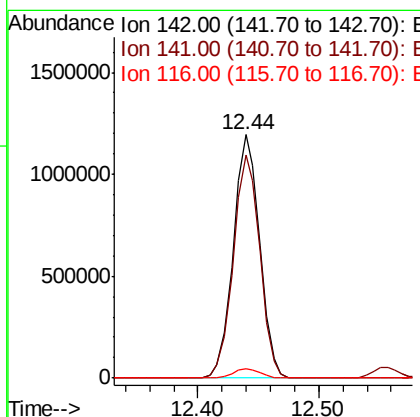
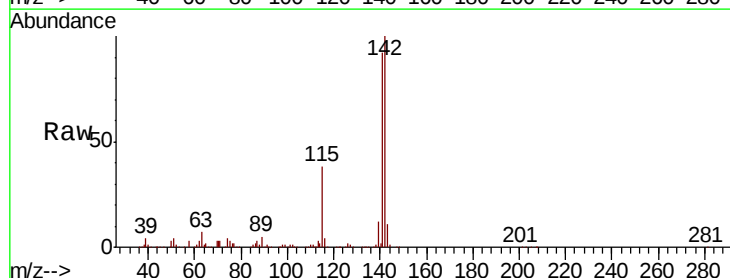
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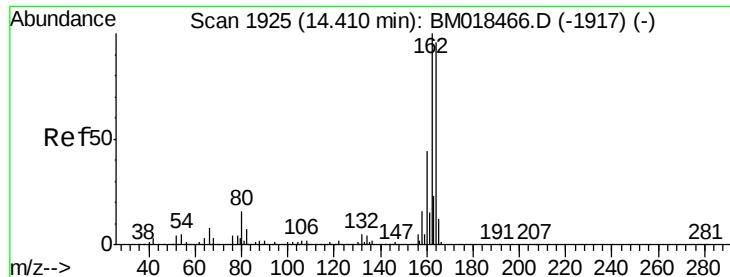
Sohil
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#38
1-Methylnaphthalene
Concen: 39.973 ng
RT: 12.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.6	113.4
116	4.0	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

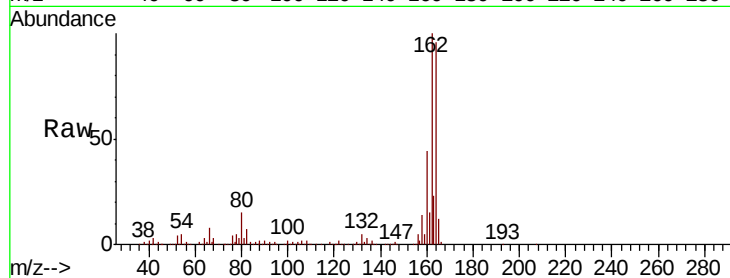
ClientSampleId :

SSTDCCC040

Tot Ion:	164	Resp:	790085
Ion Ratio	Lower	Upper	
164	100		
162	104.2	83.0	124.4
160	45.6	37.1	55.7

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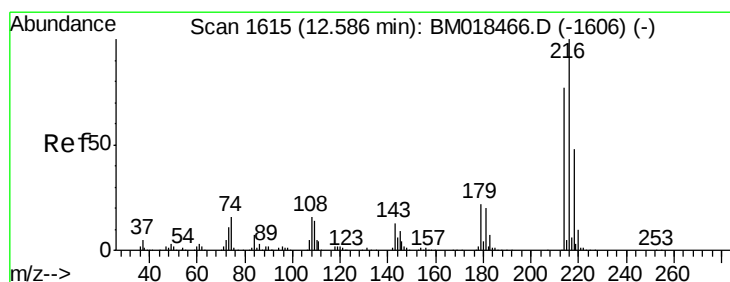
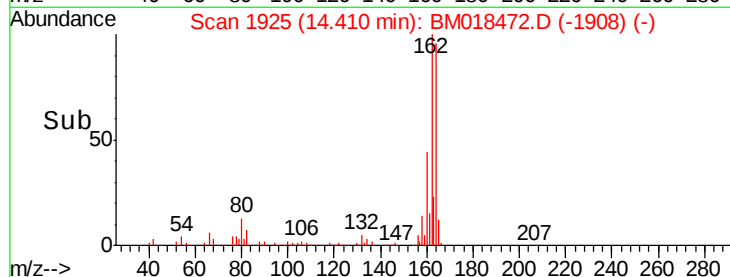
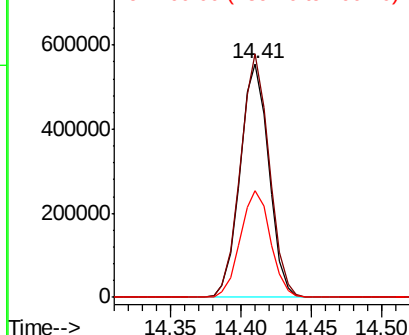


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.402 ng

RT: 12.59 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Tgt Ion:	216	Resp:	1088638
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.0
179	22.3	17.9	26.9
108	18.5	15.8	23.6

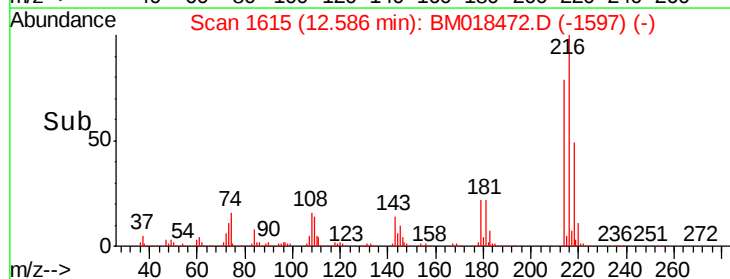
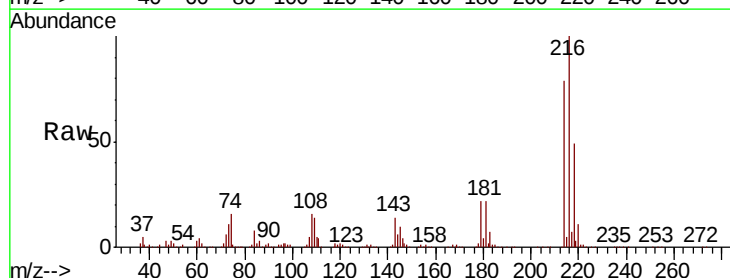
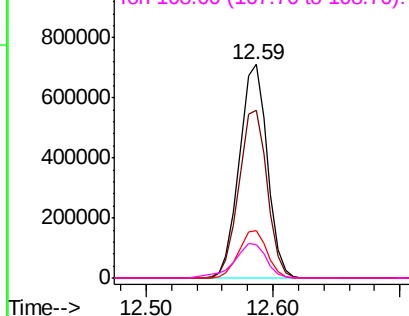
Abundance

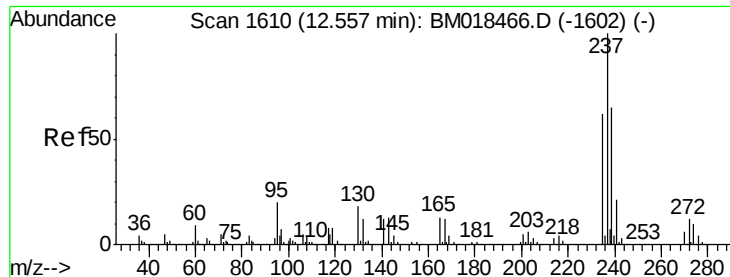
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.386 ng

RT: 12.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

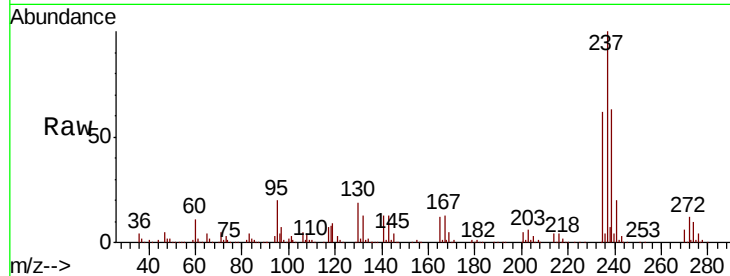
ClientSampleId :

SSTDCCC040

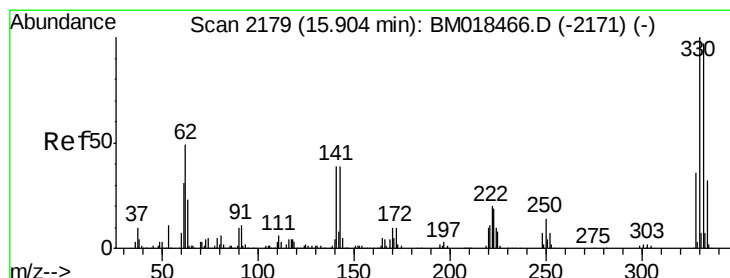
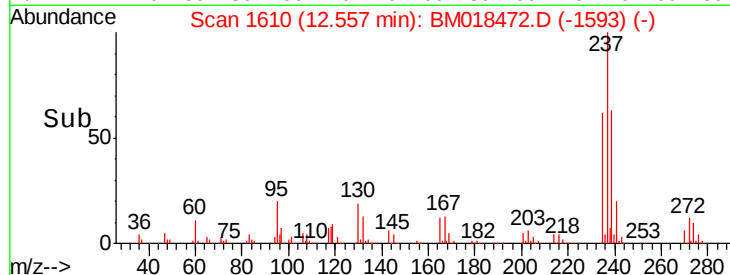
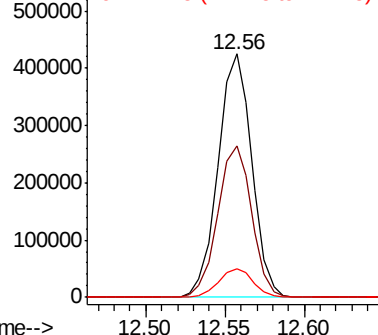
Tot Ion:	237	Resp:	627551
Ion Ratio	Lower	Upper	
237	100		
235	62.5	42.8	82.8
272	12.0	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 85.086 ng

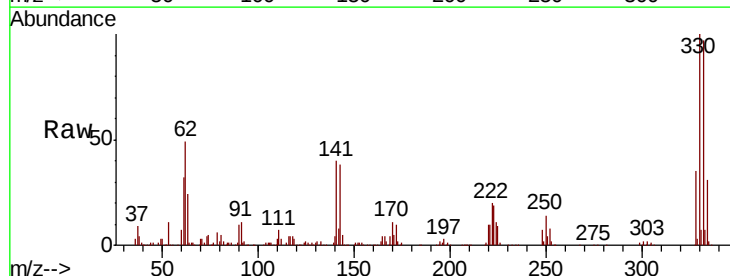
RT: 15.90 min Scan# 2179

Delta R.T. 0.00 min

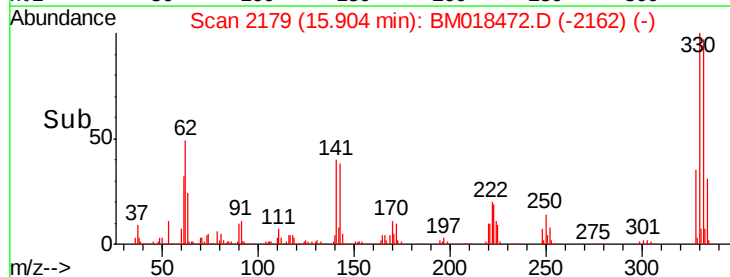
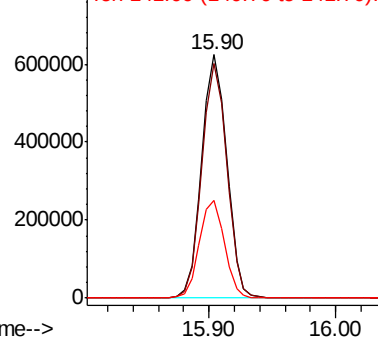
Lab File: BM018472.D

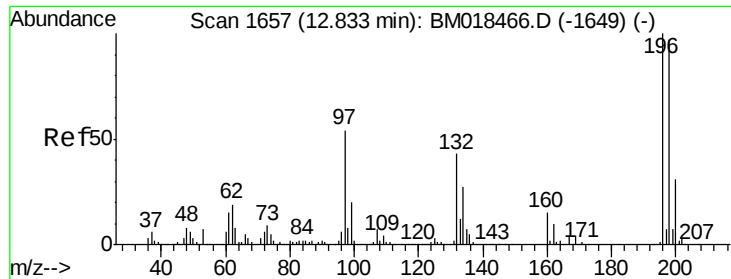
Acq: 09 Jan 2019 14:27

Tgt Ion:	330	Resp:	855961
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.6	116.4
141	40.4	31.7	47.5



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





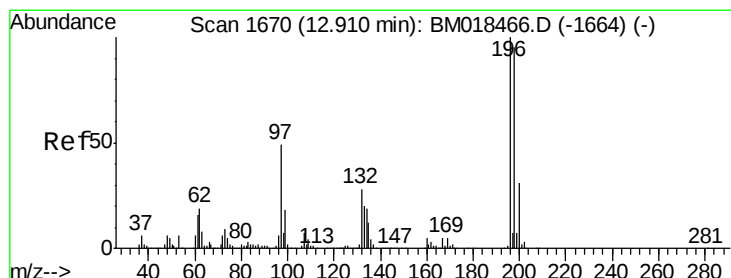
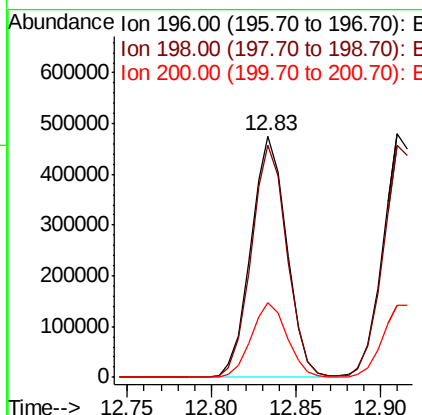
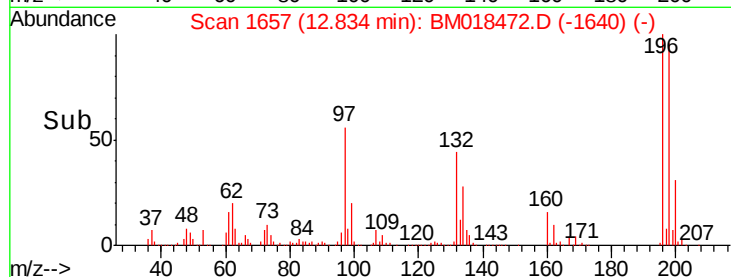
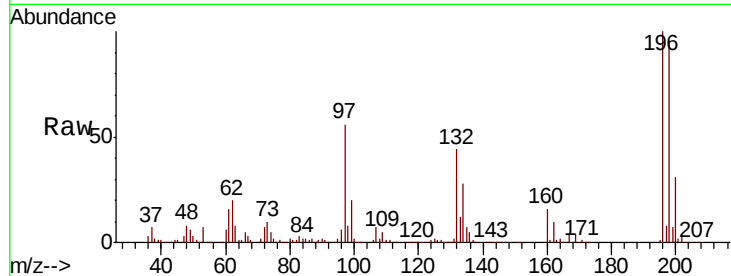
#43
 2,4,6-Trichlorophenol
 Concen: 41.803 ng
 RT: 12.83 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
200	30.6	24.2	36.4

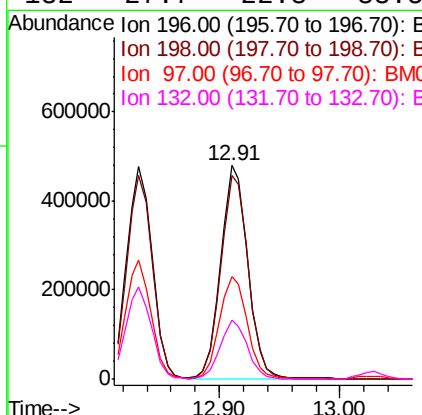
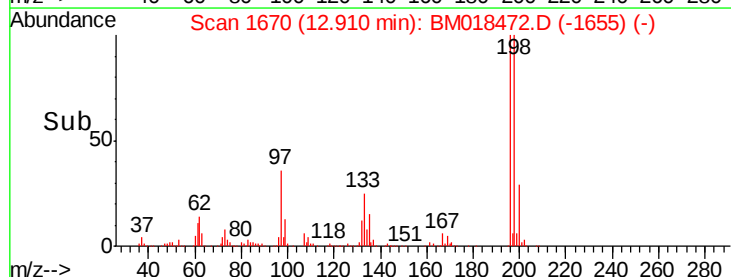
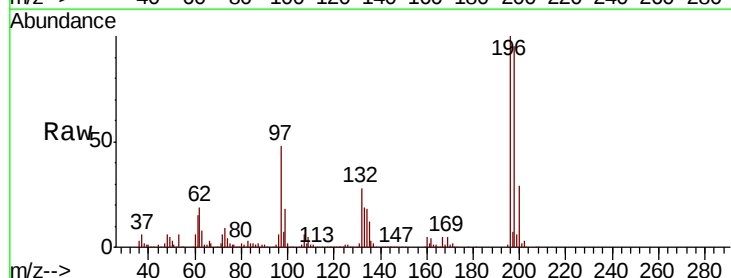
Manual Integrations
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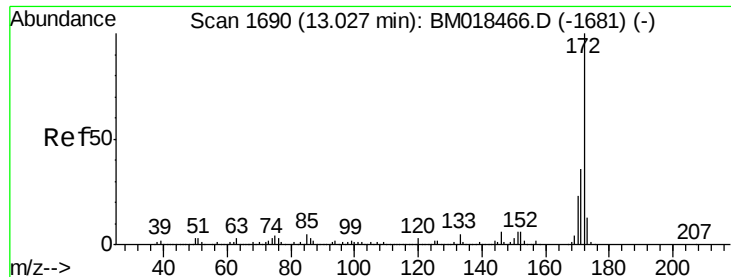
Sohil
 1/10/2019 3:11:56 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.925 ng
 RT: 12.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	76.7	115.1
97	48.0	39.2	58.8
132	27.7	22.3	33.5





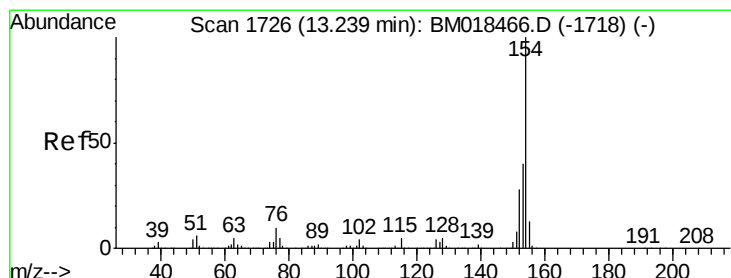
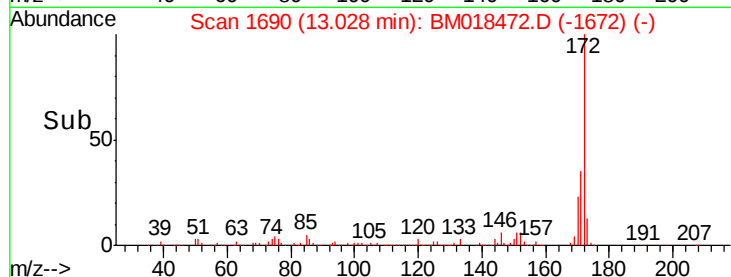
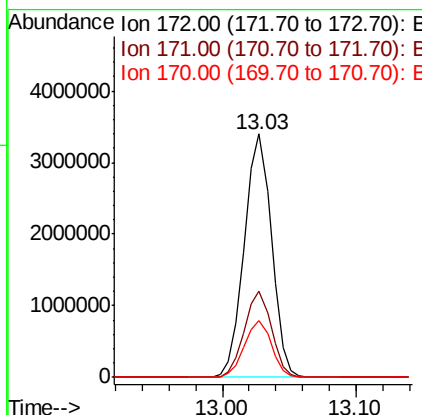
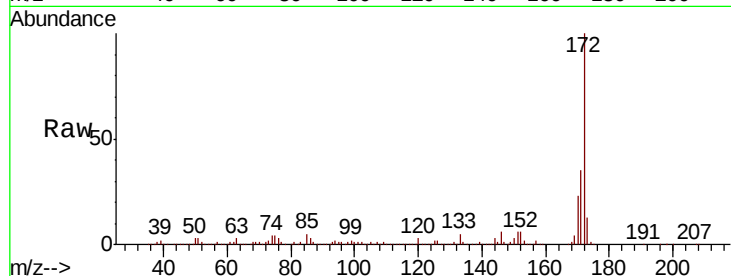
#45
2-Fluorobiphenyl
Concen: 78.898 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.5	18.9	28.3

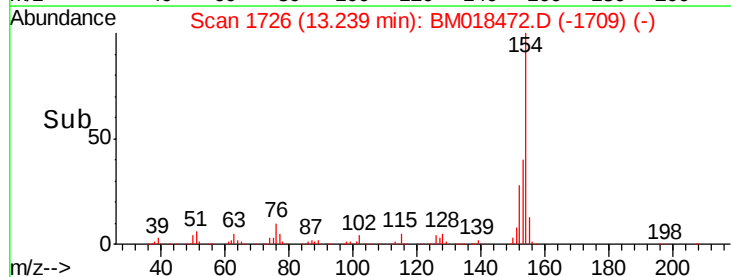
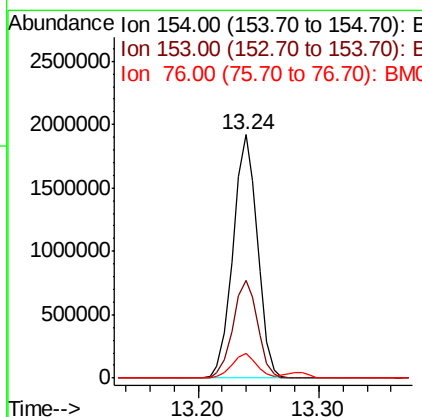
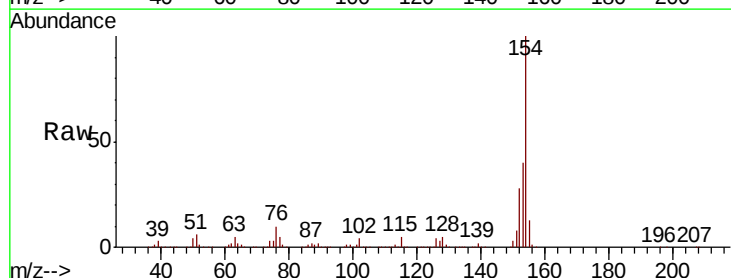
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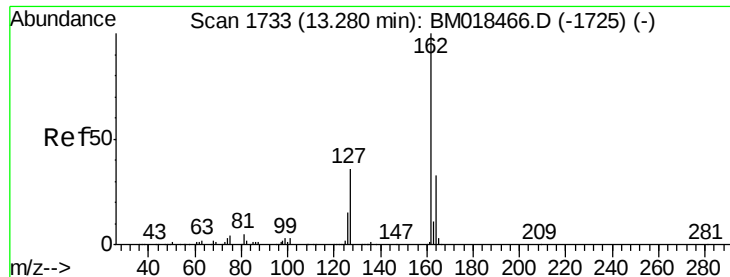
Sohil
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#46
1,1'-Biphenyl
Concen: 39.232 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.5	60.5
76	10.1	0.0	31.9





#47

2-Chloronaphthalene

Concen: 39.605 ng

RT: 13.28 min Scan# 1733

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 2118698

Ion Ratio Lower Upper

162 100

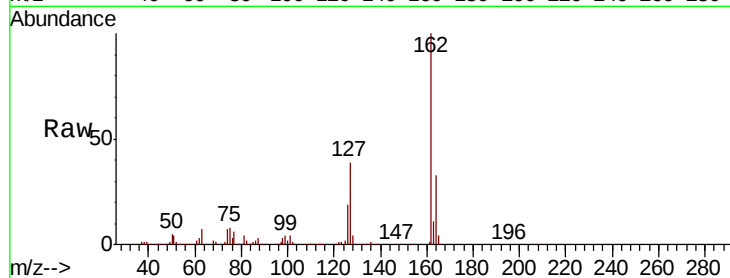
127 38.8 31.4 47.0

164 32.6 26.2 39.4

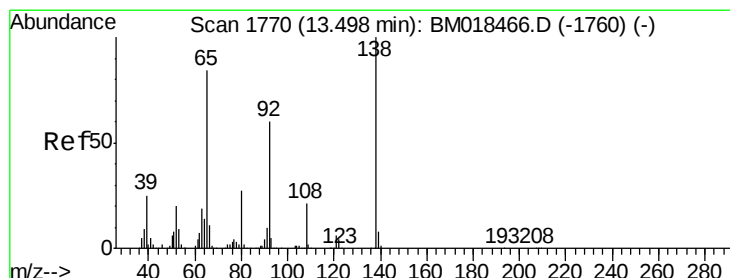
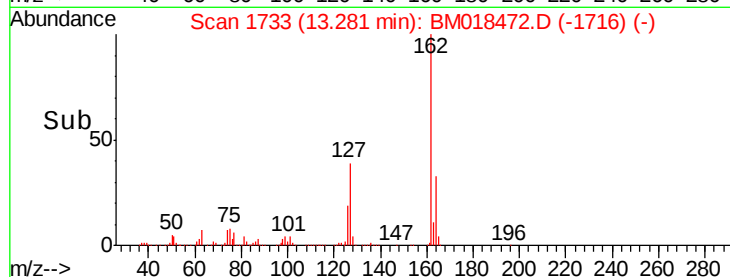
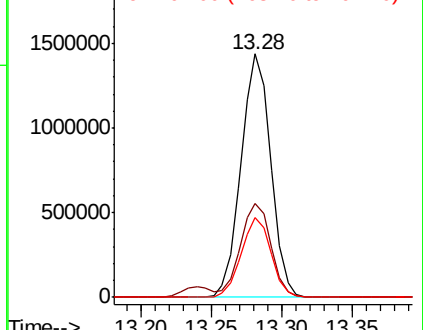
Manual Integrations
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.217 ng

RT: 13.50 min Scan# 1770

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

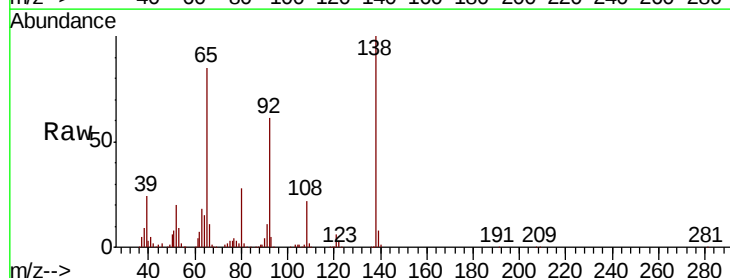
Tgt Ion: 65 Resp: 555635

Ion Ratio Lower Upper

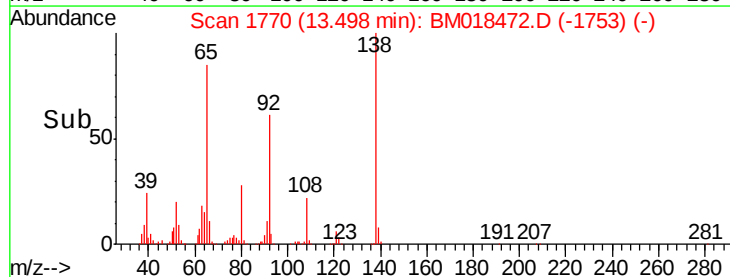
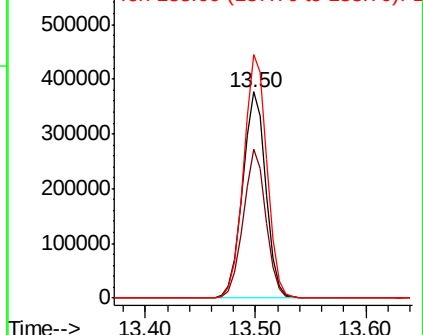
65 100

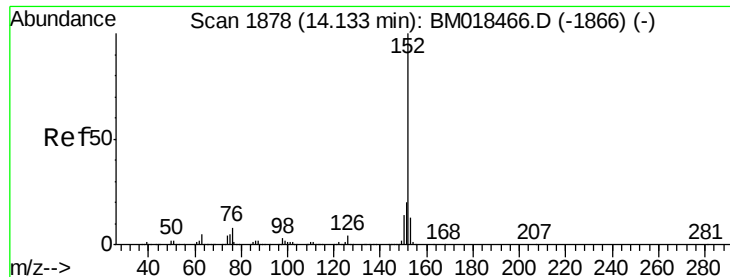
92 72.4 53.4 80.2

138 118.1 88.9 133.3



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





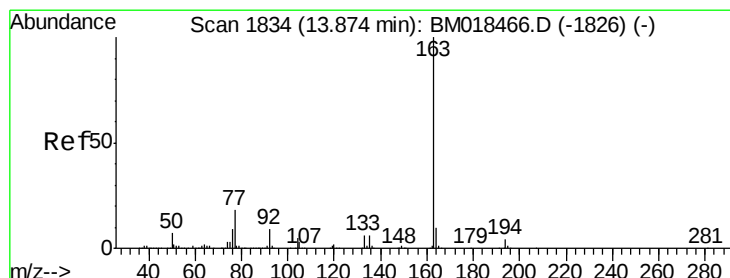
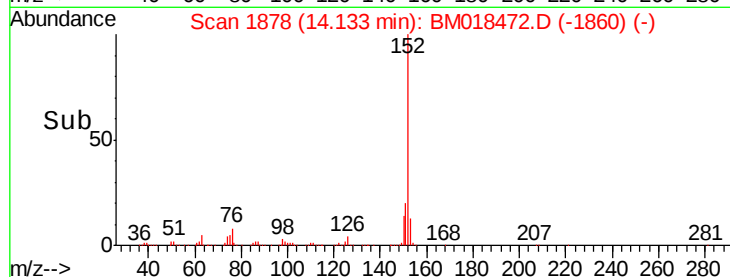
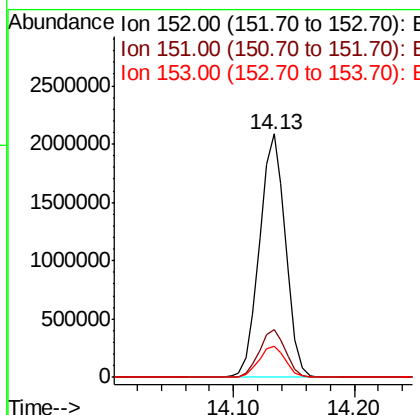
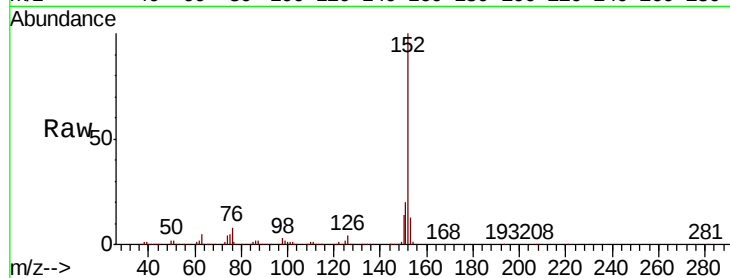
#49
Acenaphthylene
Concen: 40.262 ng
RT: 14.13 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.0	10.5	15.7

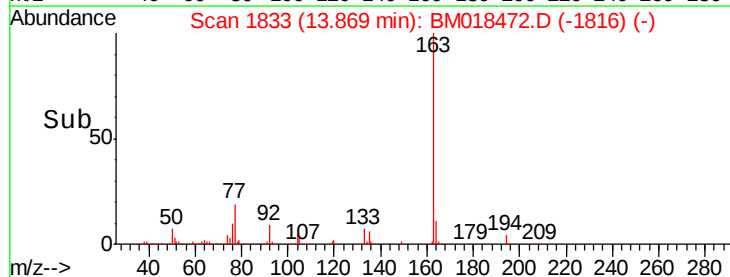
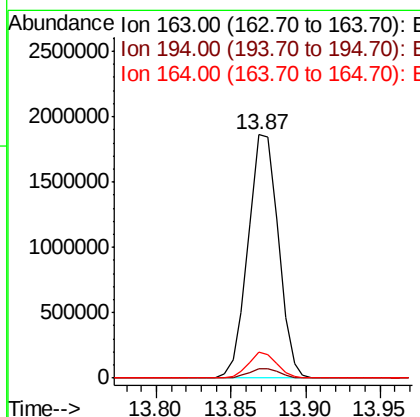
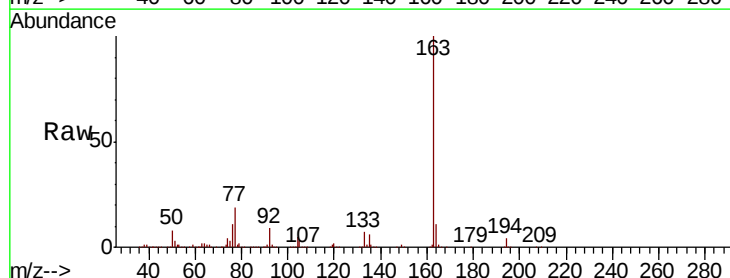
Manual Integrations
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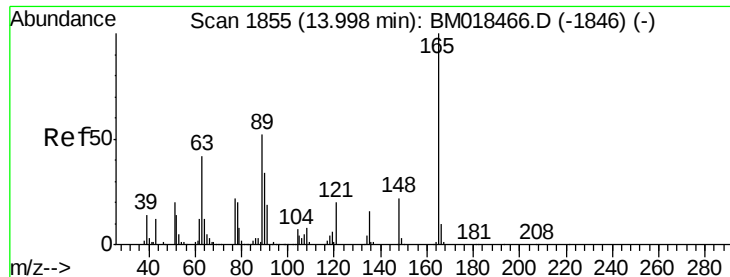
Sohil
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#50
Dimethylphthalate
Concen: 40.200 ng
RT: 13.87 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.5	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 41.326 ng

RT: 14.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

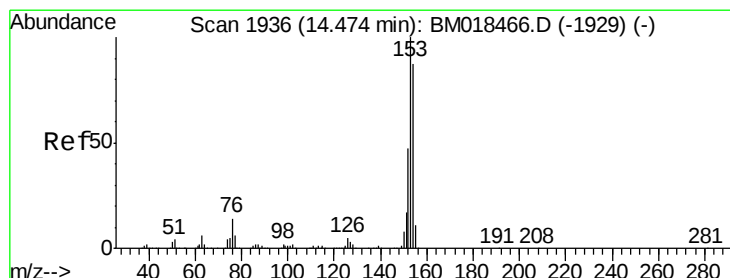
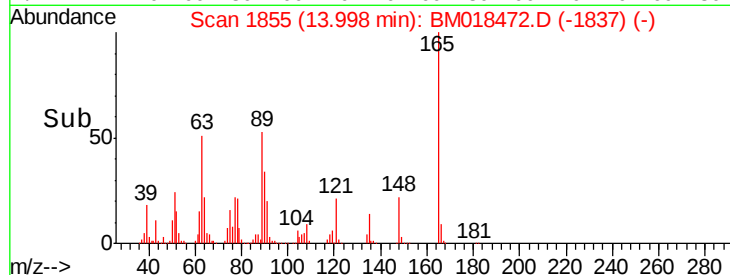
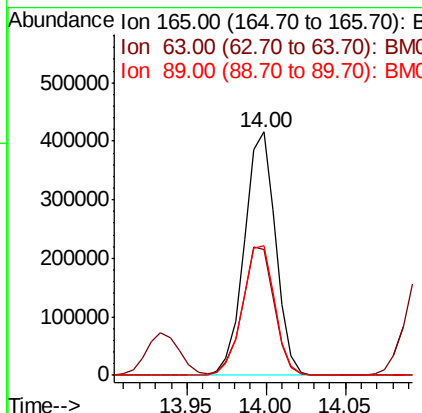
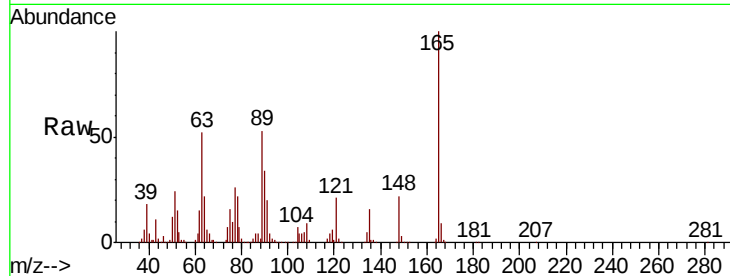
ClientSampled :

SSTDCCC040

Tot Ion:	165	Resp:	568017
Ion Ratio	Lower	Upper	
165	100		
63	51.7	45.6	68.4
89	53.3	44.6	66.8

Manual Integrations
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1/10/2019 3:11:56 PM



#52

Acenaphthene

Concen: 39.597 ng

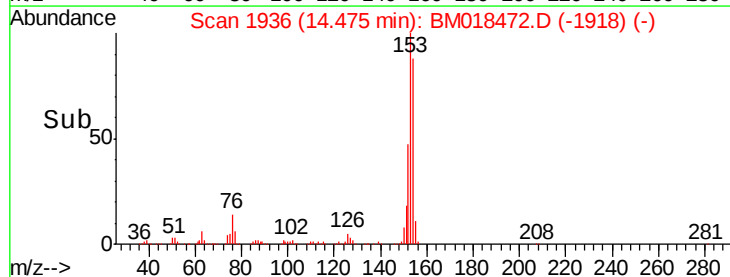
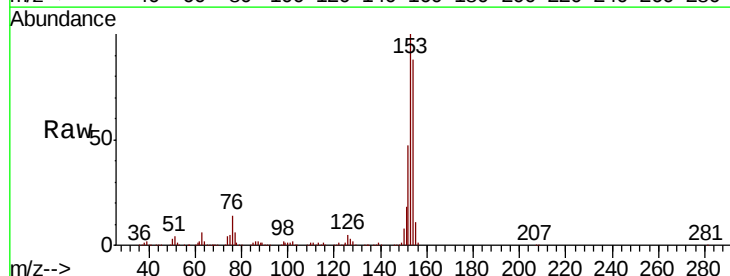
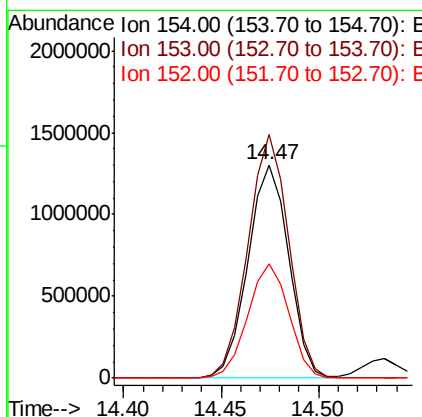
RT: 14.47 min Scan# 1936

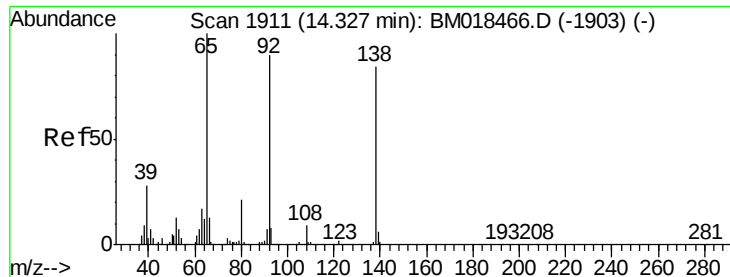
Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Tgt Ion:	154	Resp:	1888794
Ion Ratio	Lower	Upper	
154	100		
153	114.1	92.3	138.5
152	53.4	43.8	65.6





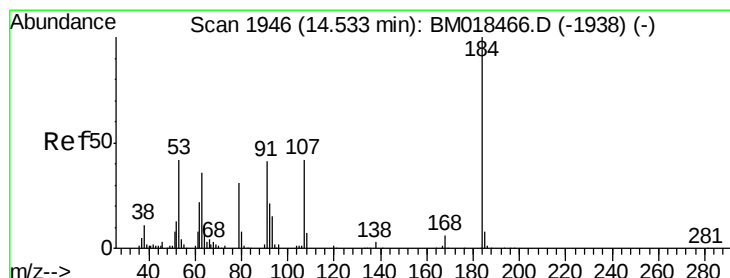
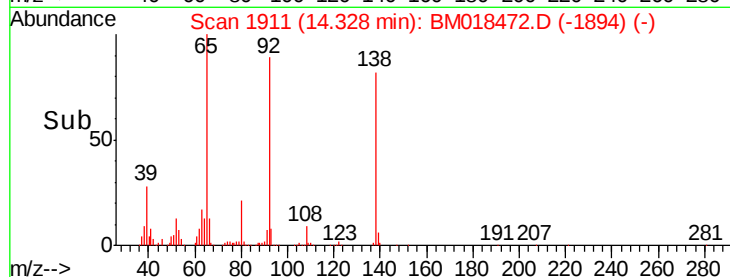
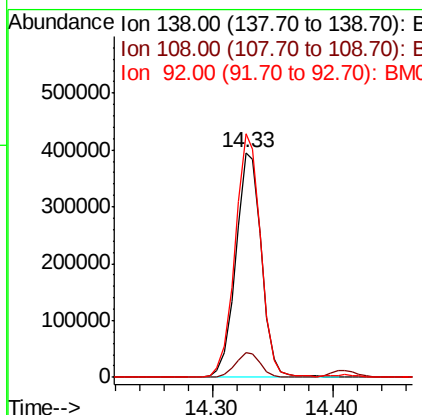
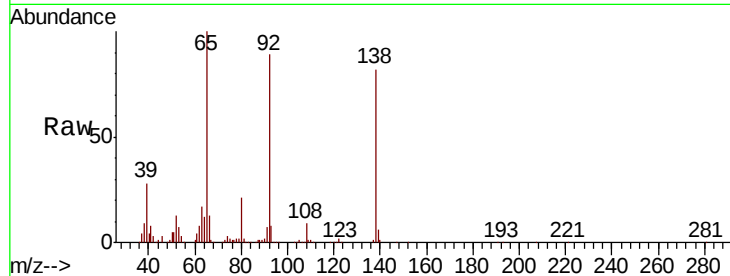
#53
3-Nitroaniline
Concen: 42.174 ng
RT: 14.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	108.2	88.2	132.2

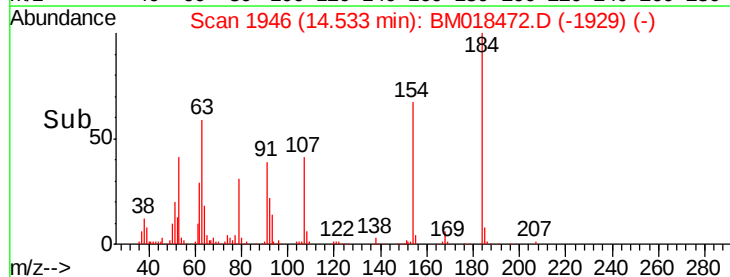
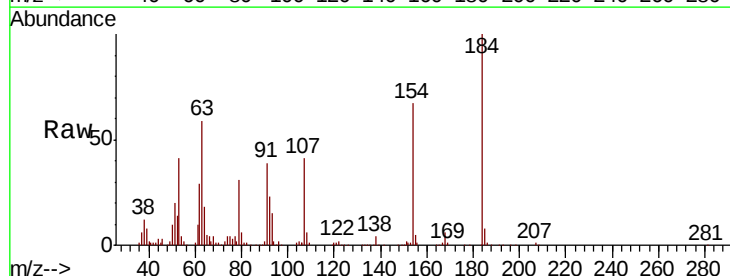
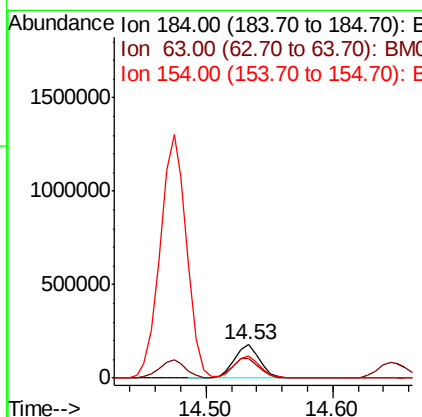
Manual Integrations
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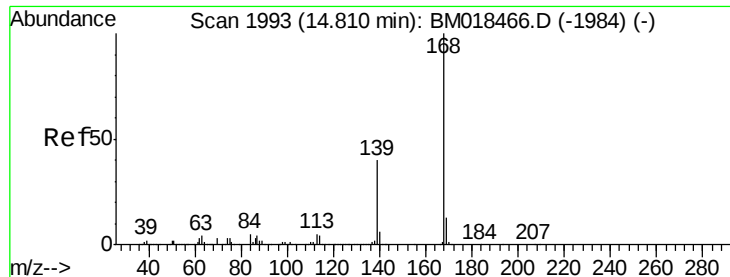
Sohil
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#54
2,4-Dinitrophenol
Concen: 37.856 ng
RT: 14.53 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.1	55.9	83.9
154	66.8	54.2	81.4





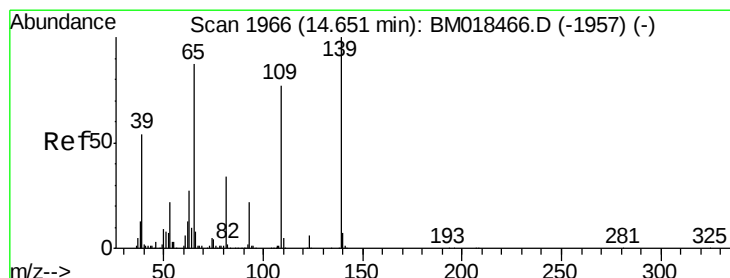
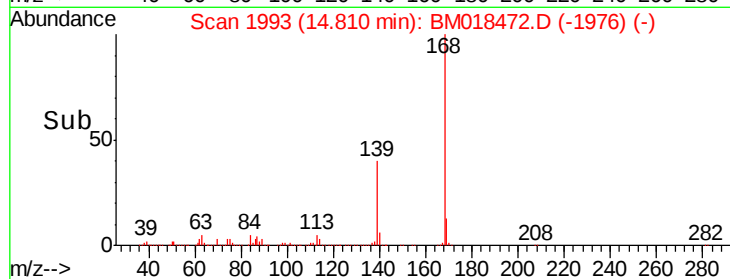
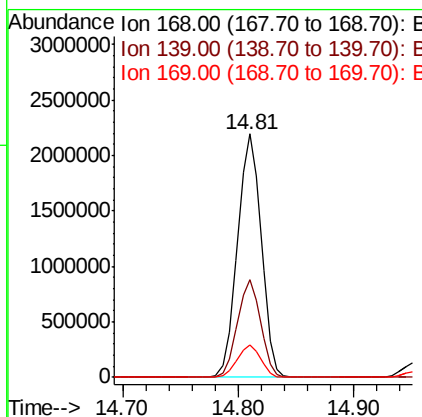
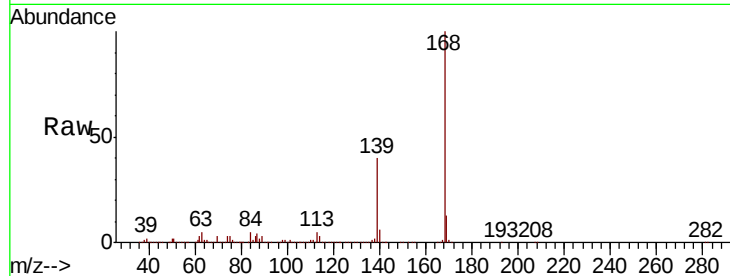
#55
Dibenzofuran
Concen: 39.605 ng
RT: 14.81 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.3	45.5
169	13.1	10.6	16.0

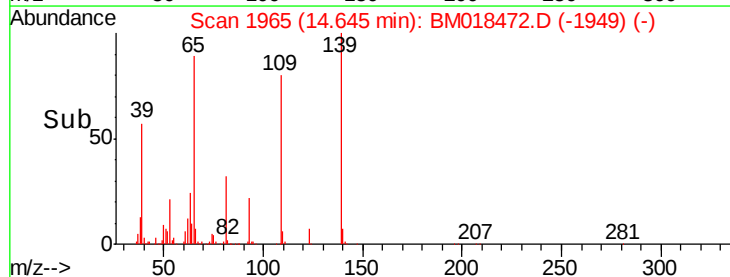
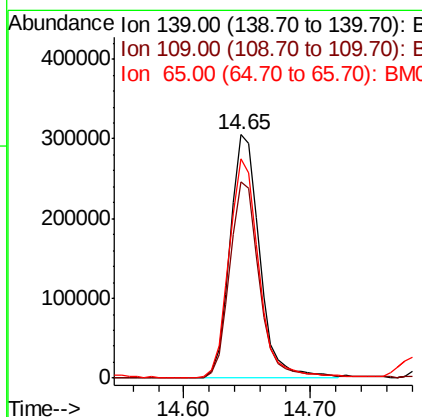
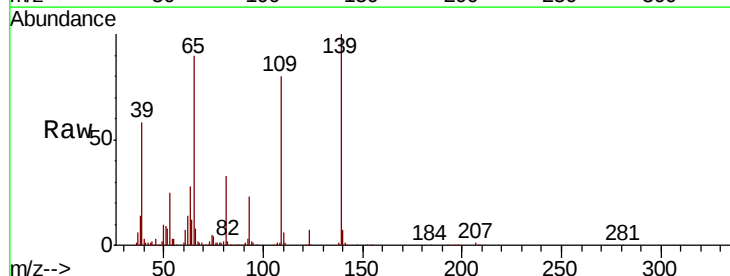
Manual Integrations
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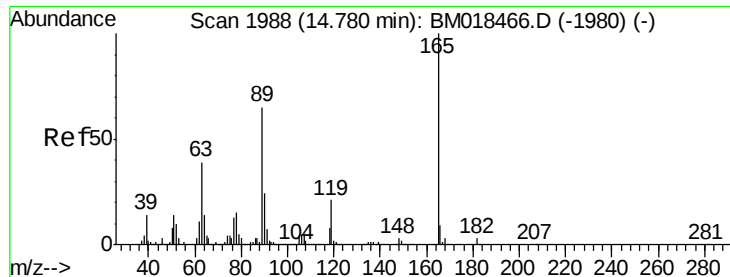
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#56
4-Nitrophenol
Concen: 41.073 ng
RT: 14.65 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.4	51.7	91.7
65	89.9	71.4	111.4





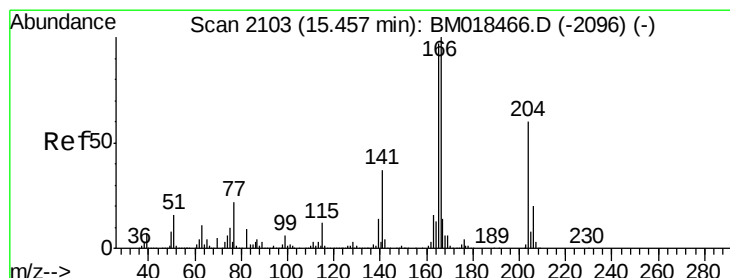
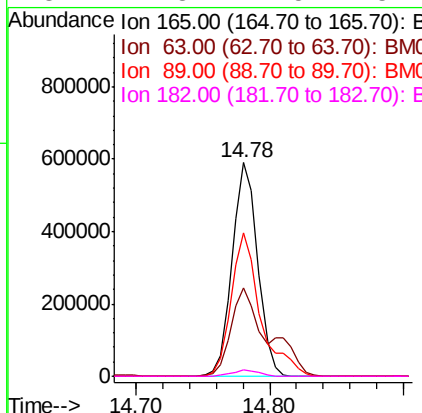
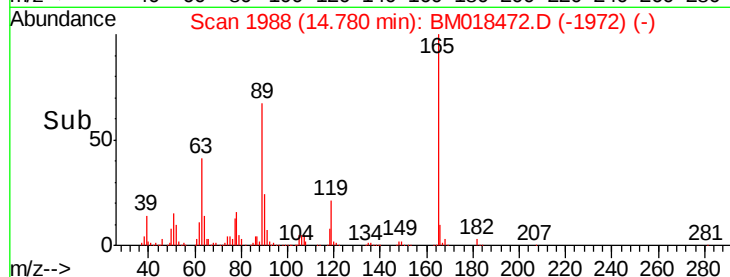
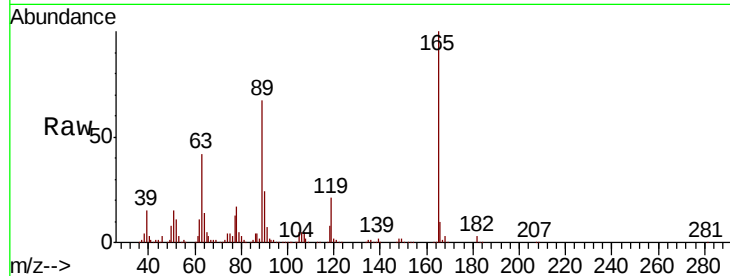
#57
2,4-Dinitrotoluene
Concen: 40.396 ng
RT: 14.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.6	32.2	48.2
89	67.2	52.1	78.1
182	2.8	2.5	3.7

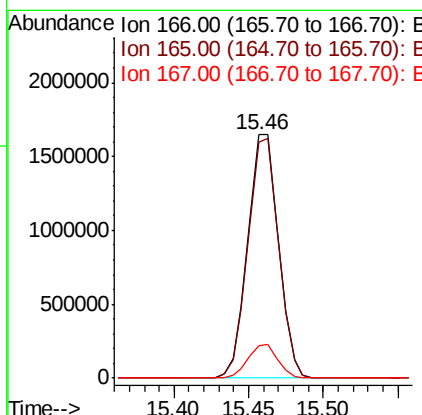
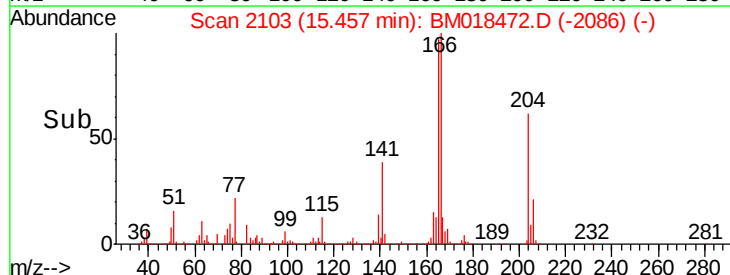
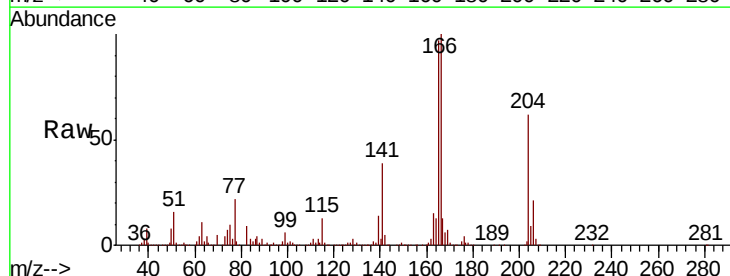
Manual Integrations
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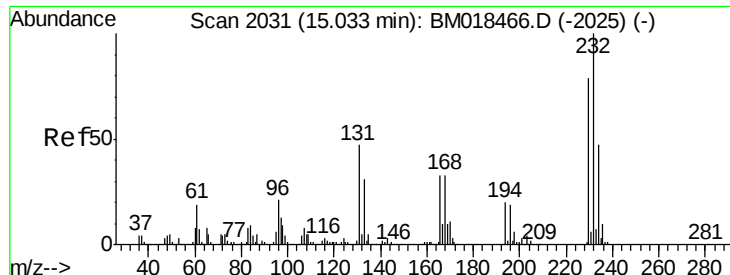
Sohil
1/10/2019 3:11:56 PM



#58
Fluorene
Concen: 39.999 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.3	117.5
167	13.3	10.9	16.3





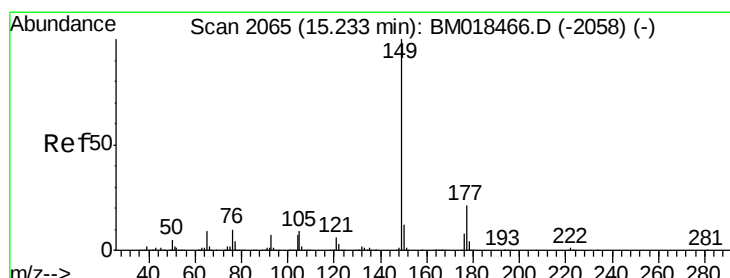
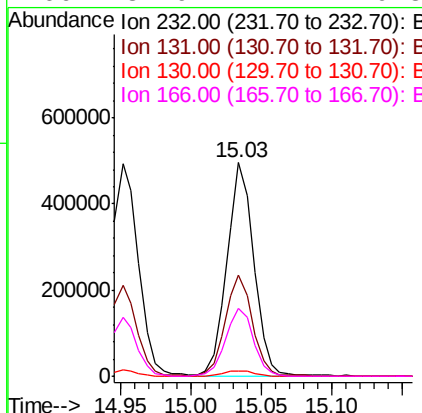
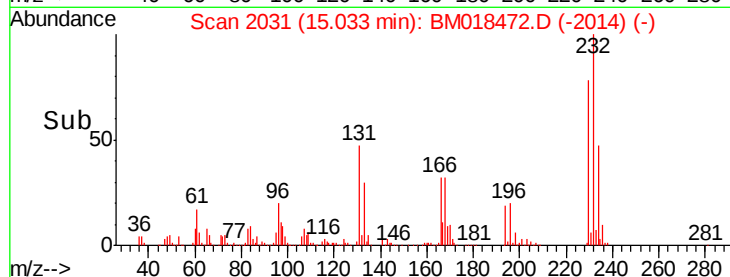
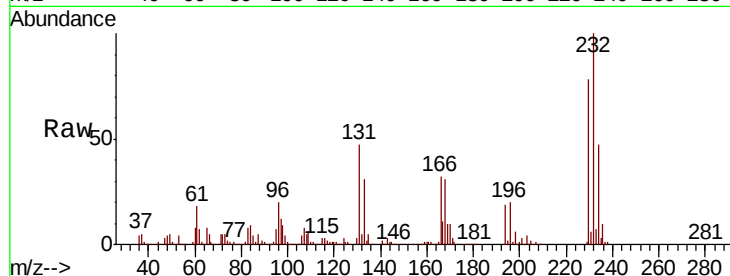
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.738 ng
RT: 15.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	38.6	57.8
130	2.8	2.2	3.4
166	32.9	27.2	40.8

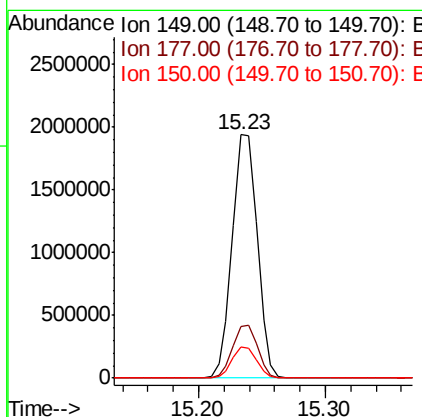
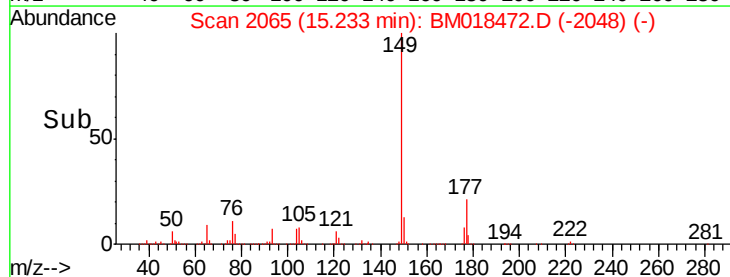
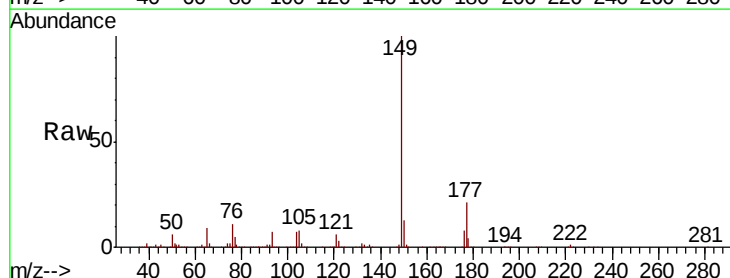
Manual Integrations
APPROVED

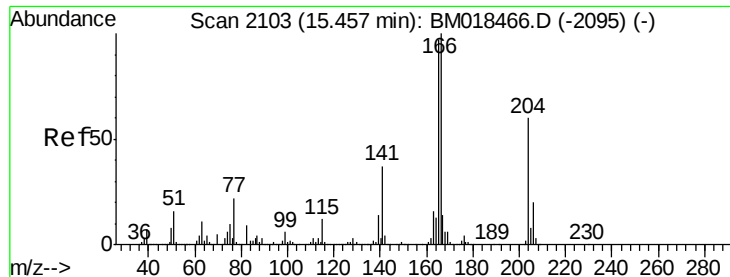
Sohil
1/10/2019 3:11:56 PM



#60
Diethylphthalate
Concen: 40.542 ng
RT: 15.23 min Scan# 2065
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.1	25.7
150	12.6	9.8	14.6





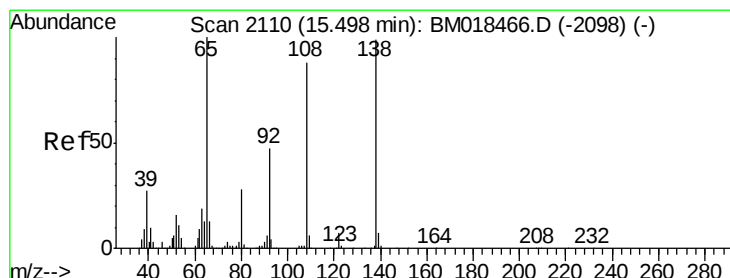
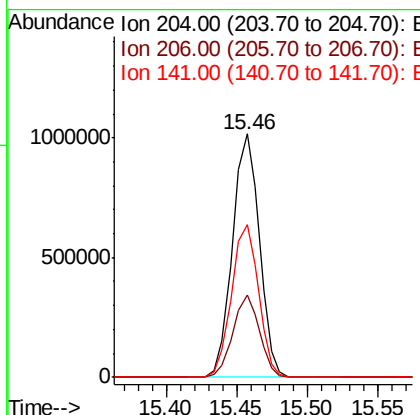
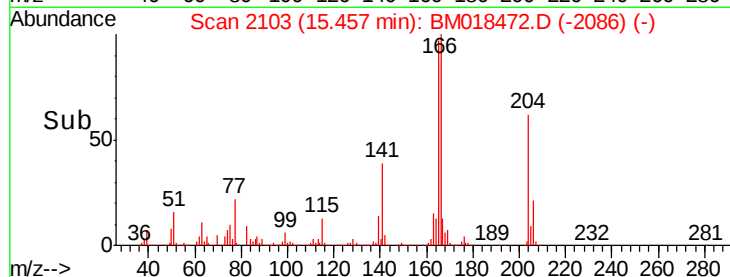
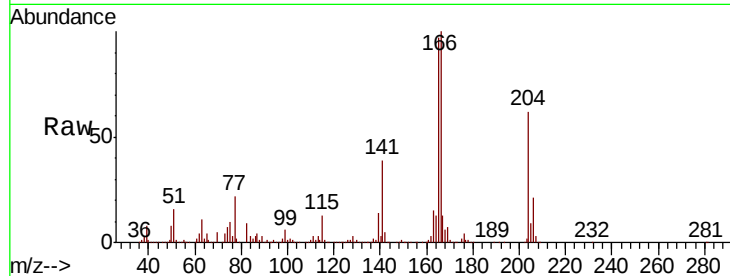
#61
4-Chlorophenyl-phenylether
Concen: 39.876 ng
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:204 Resp: 1349369
Ion Ratio Lower Upper
204 100
206 33.7 25.8 38.6
141 62.8 49.5 74.3

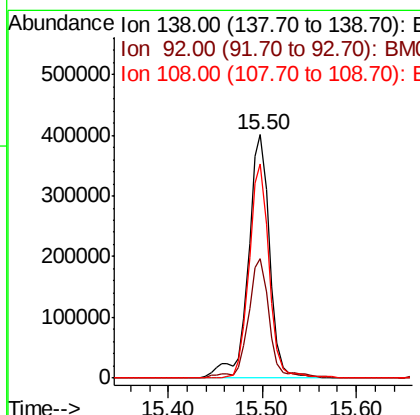
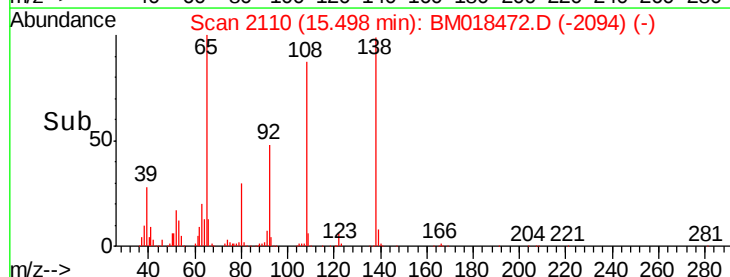
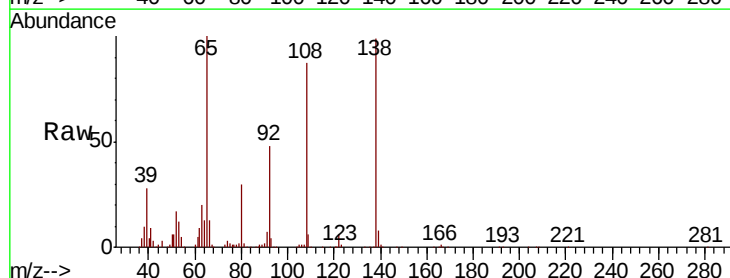
Manual Integrations
APPROVED

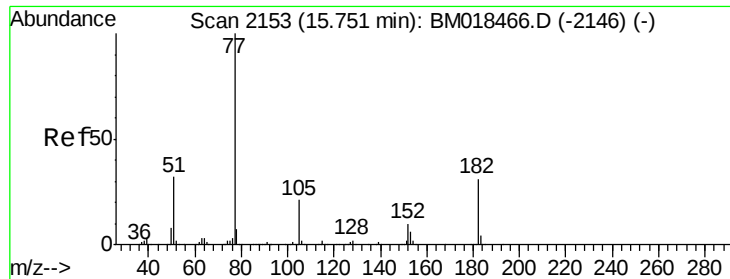
Sohil
1/10/2019 3:11:56 PM



#62
4-Nitroaniline
Concen: 41.762 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion:138 Resp: 631214
Ion Ratio Lower Upper
138 100
92 48.8 29.0 69.0
108 88.0 63.9 103.9





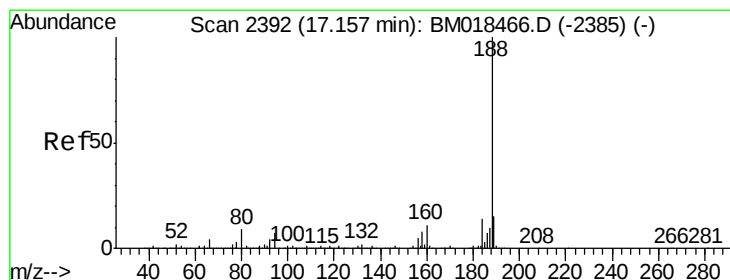
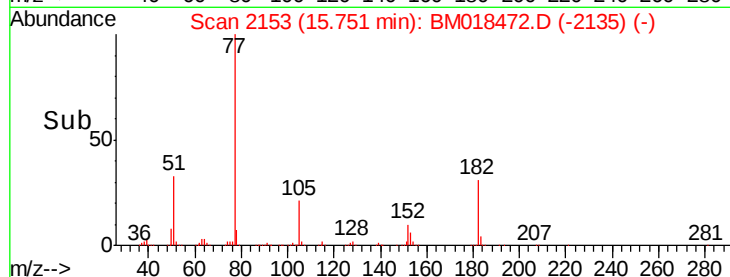
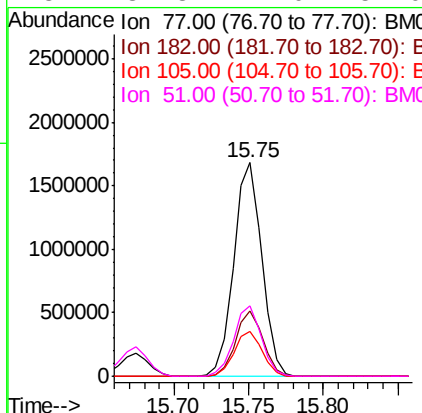
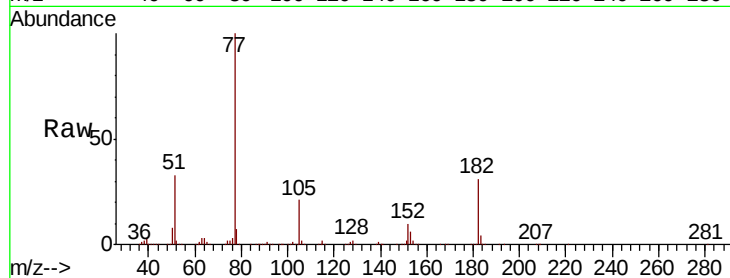
#63
Azobenzene
Concen: 41.207 ng
RT: 15.75 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.7	7.4	47.4	
105	21.2	0.0	39.6	
51	32.8	12.0	52.0	

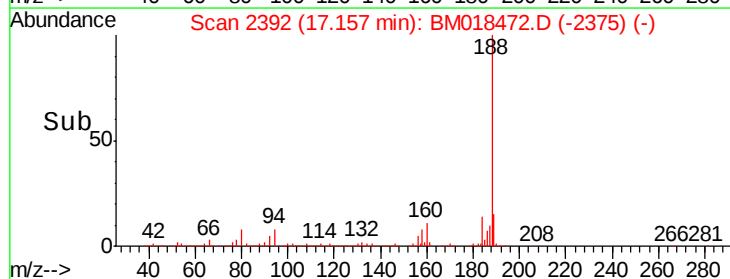
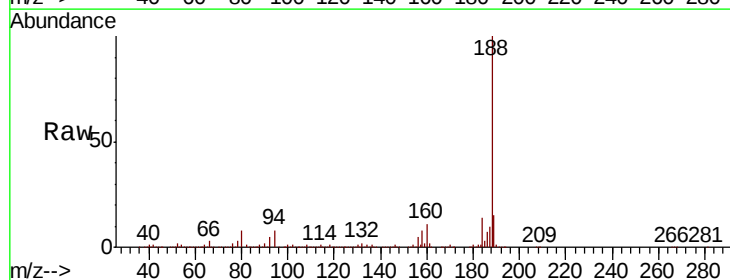
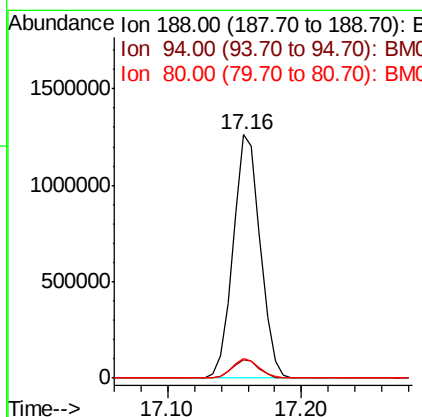
Manual Integrations
APPROVED

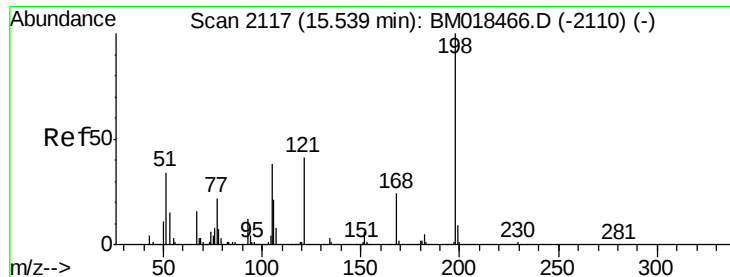
Sohil
1/10/2019 3:11:56 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.5	7.1	10.7	
80	8.1	7.6	11.4	





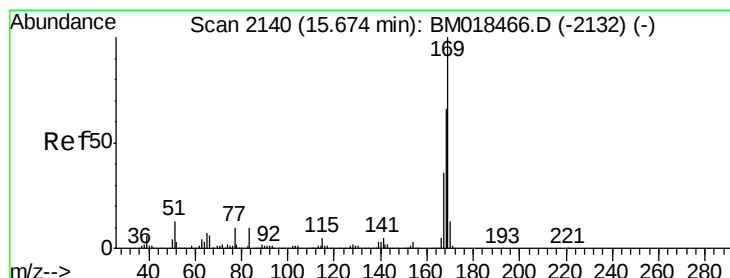
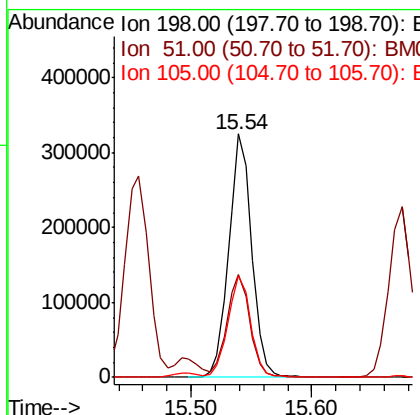
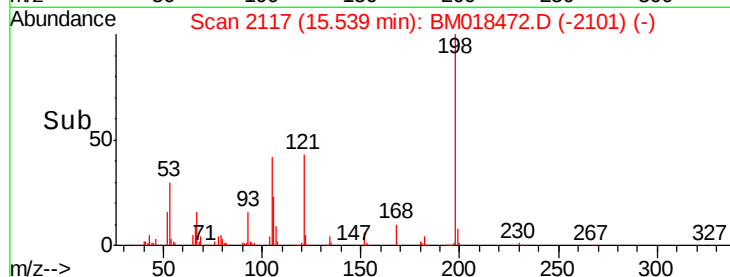
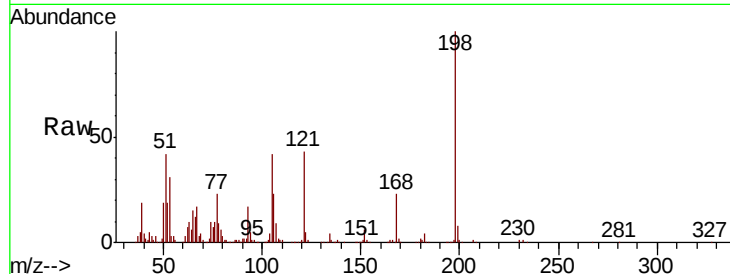
#65
4,6-Dinitro-2-methylphenol
Concen: 39.004 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	429416		
51	42.4	29.6	69.6	
105	41.8	25.5	65.5	

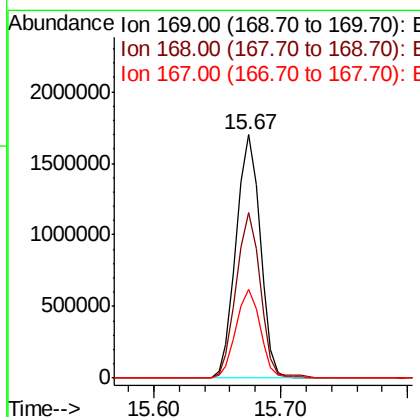
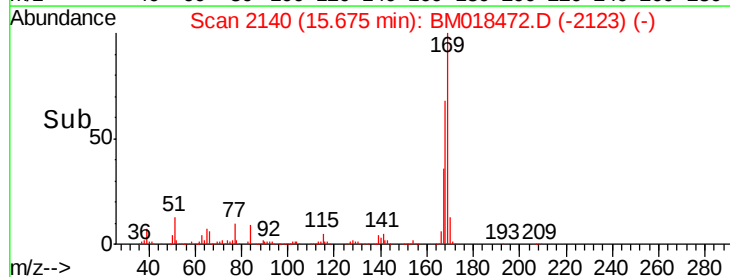
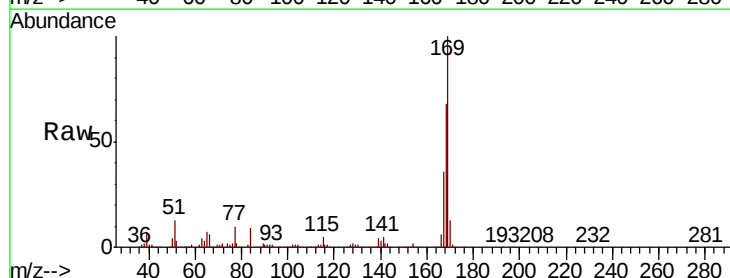
Manual Integrations
APPROVED

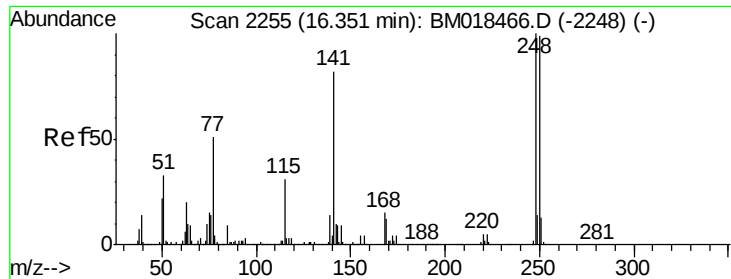
Sohil
1/10/2019 3:11:56 PM



#66
n-Nitrosodiphenylamine
Concen: 40.608 ng
RT: 15.67 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2241204		
168	68.0	54.1	81.1	
167	36.4	28.6	42.8	





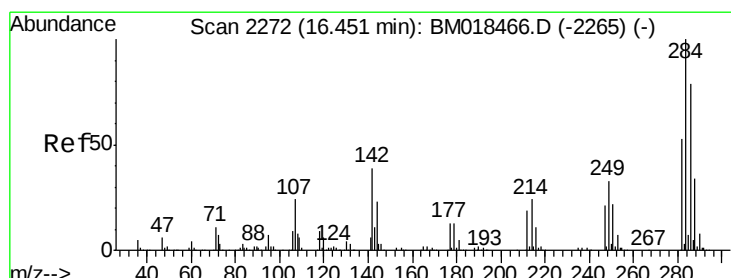
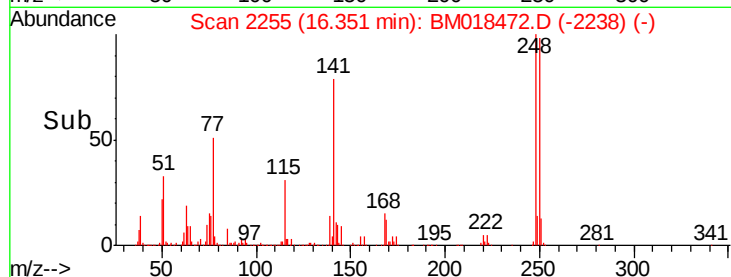
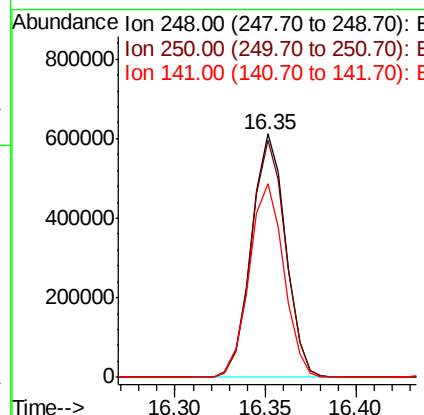
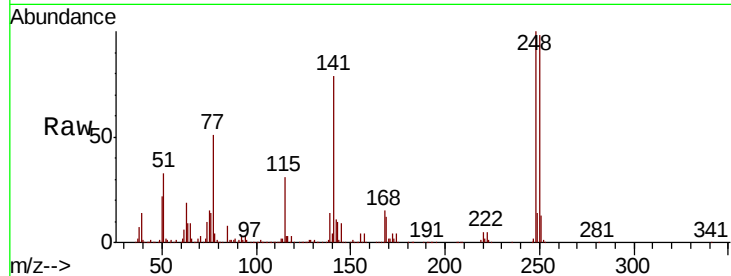
#67
4-Bromophenyl-phenylether
Concen: 40.566 ng
RT: 16.35 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.0	114.0
141	79.5	61.5	92.3

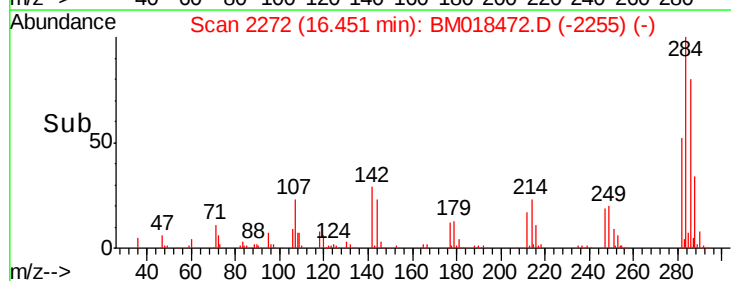
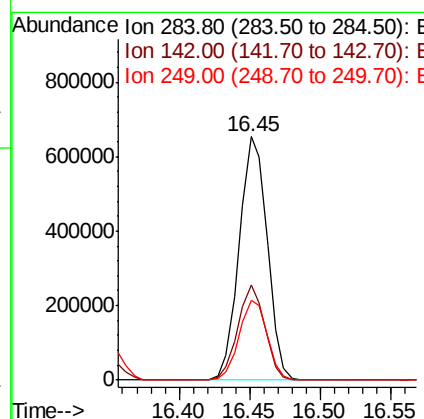
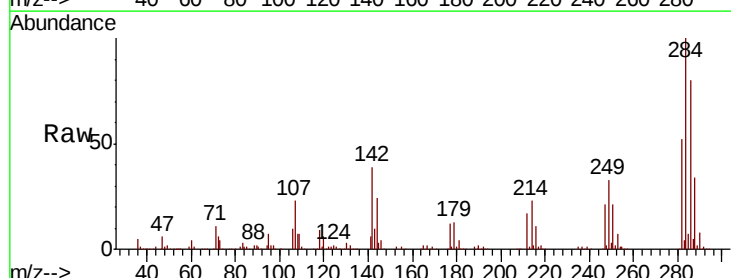
Manual Integrations
APPROVED

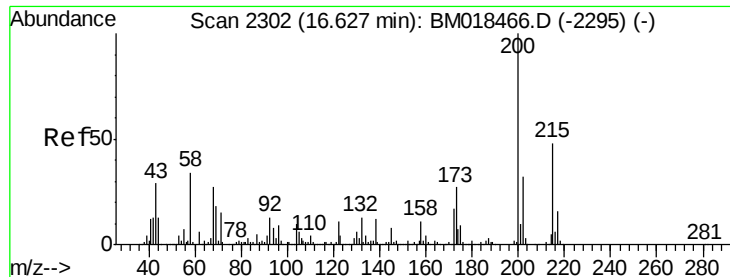
Sohil
1/10/2019 3:11:56 PM



#68
Hexachlorobenzene
Concen: 40.500 ng
RT: 16.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	29.2	43.8
249	33.0	26.1	39.1





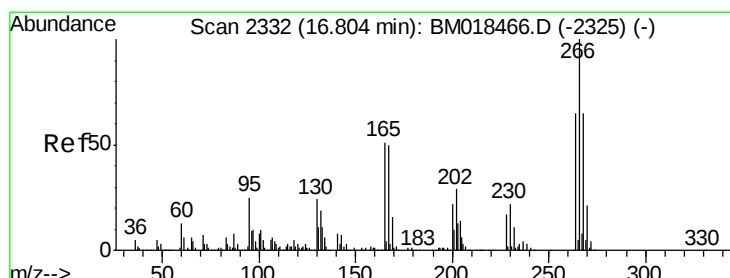
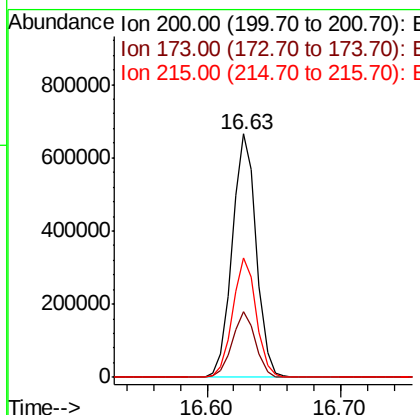
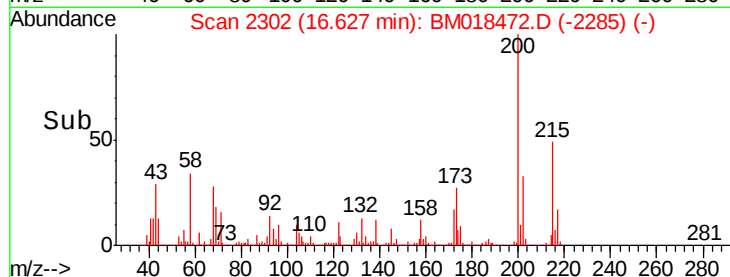
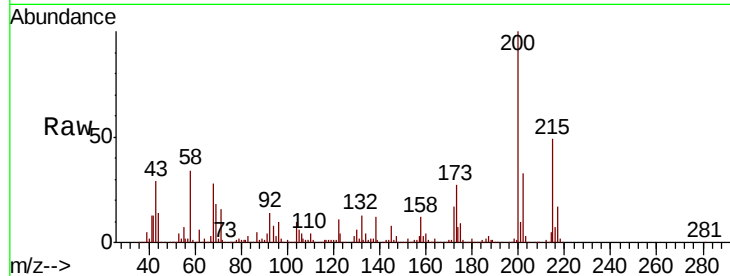
#69
Atrazine
Concen: 41.943 ng
RT: 16.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.2	47.2
215	48.9	28.3	68.3

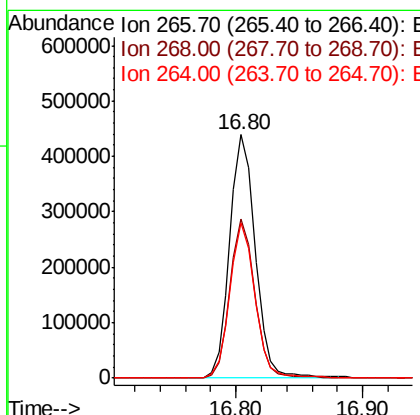
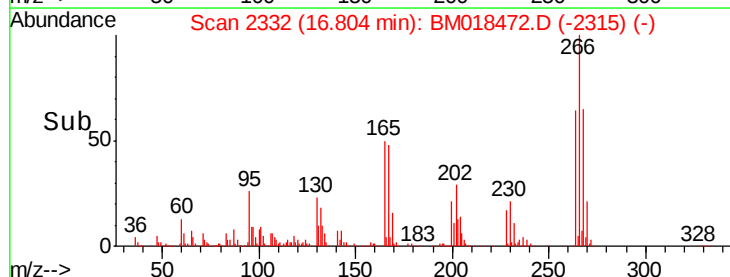
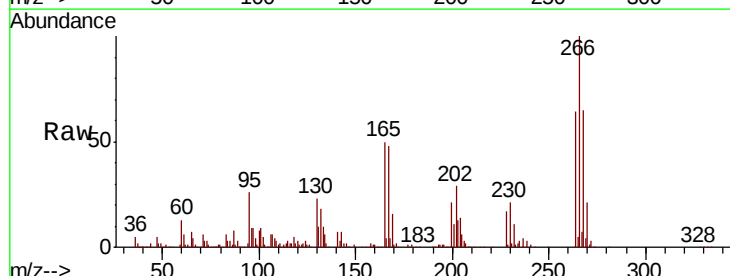
Manual Integrations
APPROVED

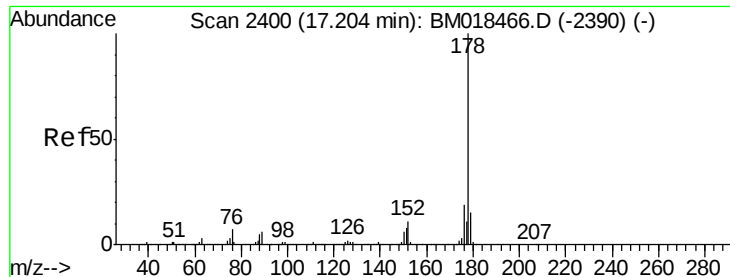
Sohil
1/10/2019 3:11:56 PM



#70
Pentachlorophenol
Concen: 42.149 ng
RT: 16.80 min Scan# 2332
Delta R.T. 0.00 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.4	49.8	74.6
264	63.7	50.1	75.1





#71

Phenanthrene

Concen: 40.334 ng

RT: 17.20 min Scan# 2400

Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 3817068

Ion Ratio Lower Upper

178 100

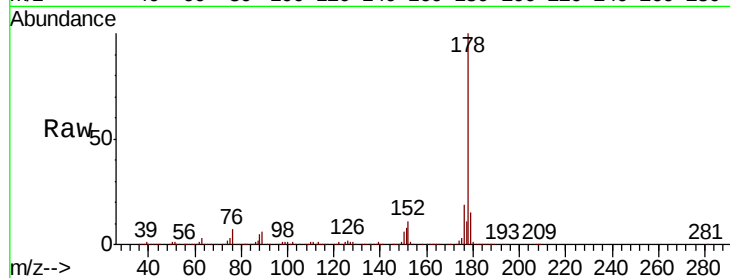
176 19.0 15.4 23.0

179 15.3 12.2 18.4

Manual Integrations
APPROVED

Sohil

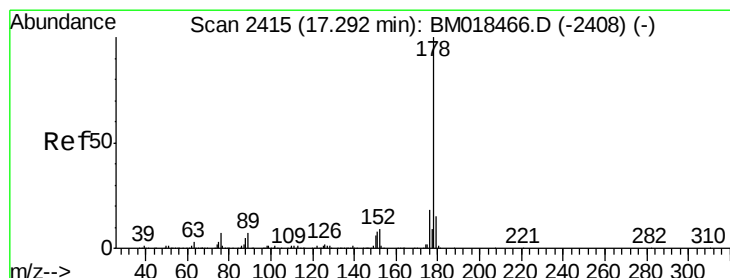
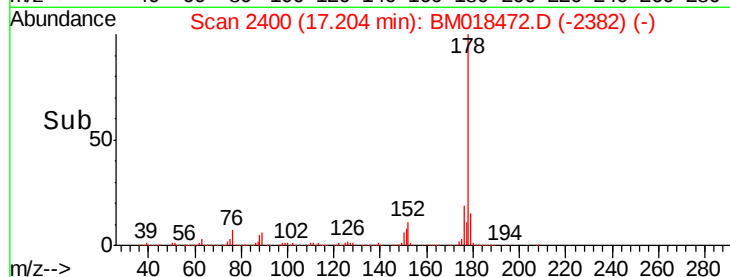
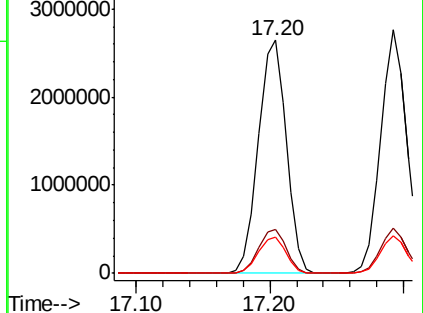
1/10/2019 3:11:56 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.045 ng

RT: 17.29 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

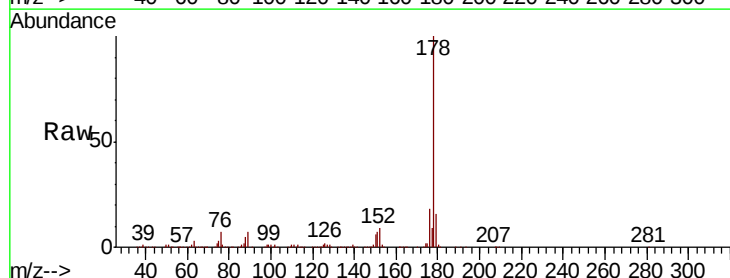
Tgt Ion:178 Resp: 3735228

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

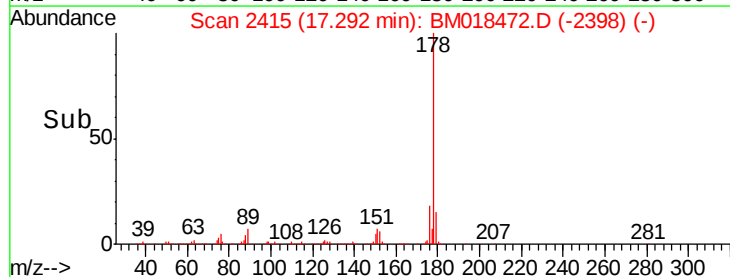
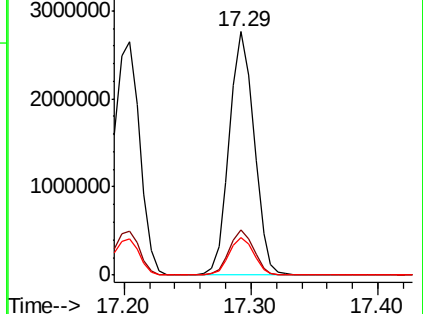
179 15.5 12.2 18.4

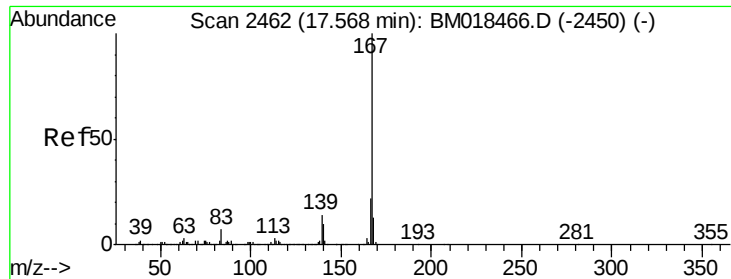


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





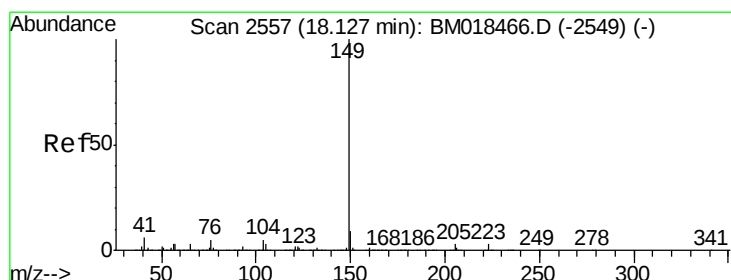
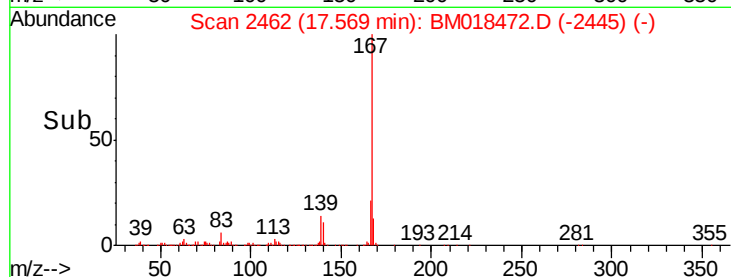
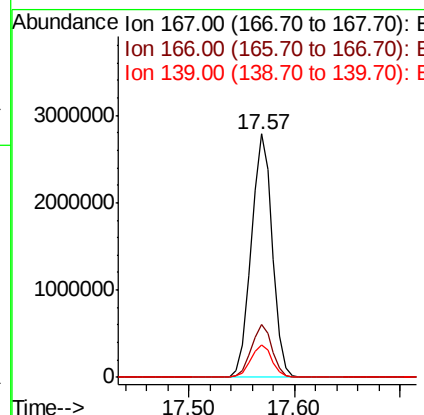
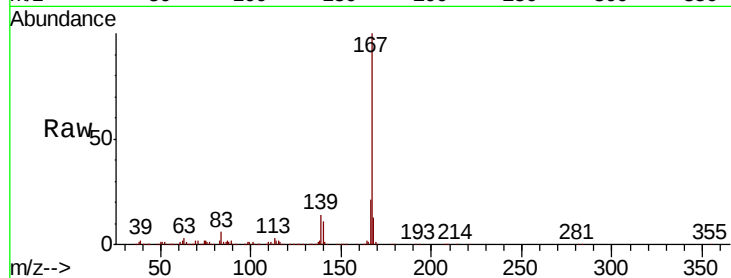
#73
 Carbazole
 Concen: 41.348 ng
 RT: 17.57 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.2
139	13.6	10.6	16.0

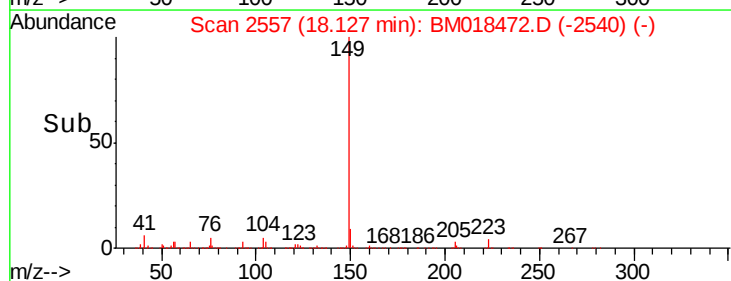
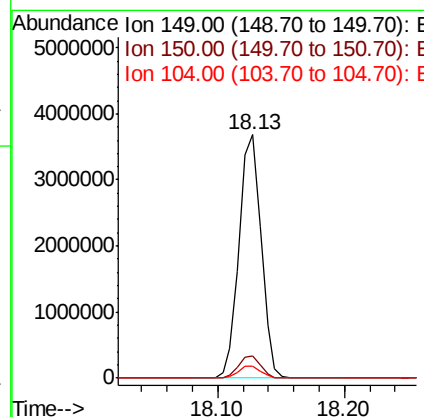
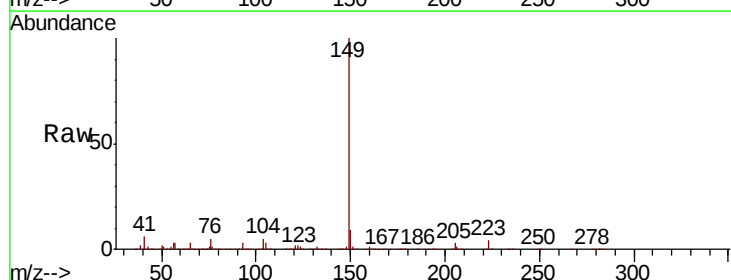
Manual Integrations
 APPROVED

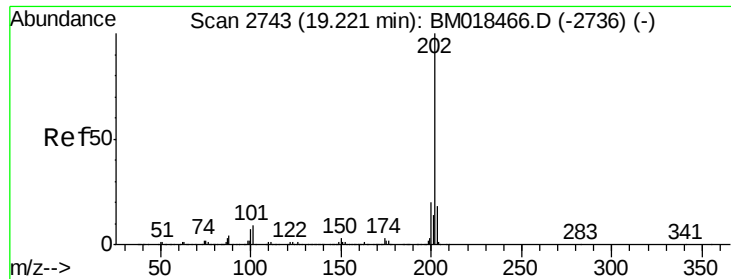
Sohil
 1/10/2019 3:11:56 PM



#74
 Di-n-butylphthalate
 Concen: 43.063 ng
 RT: 18.13 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.3	10.9
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 41.114 ng

RT: 19.22 min Scan# 2743

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

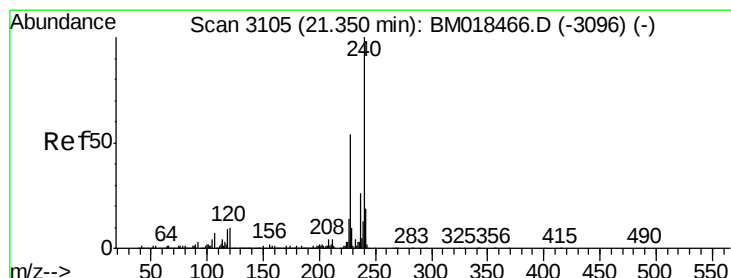
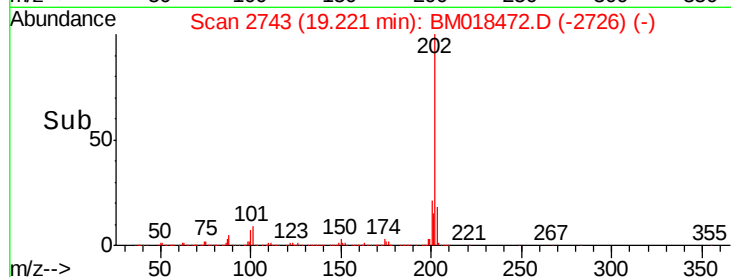
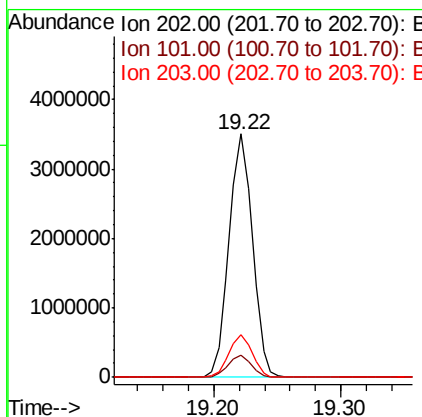
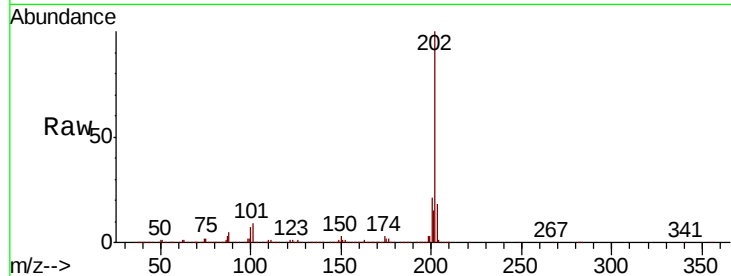
ClientSampleId :

SSTDCCC040

Tot Ion:	202	Resp:	4485980
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.9
203	17.6	0.0	37.4

Manual Integrations
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1/10/2019 3:11:56 PM



#76

Chrysene-d12

Concen: 20.000 ng

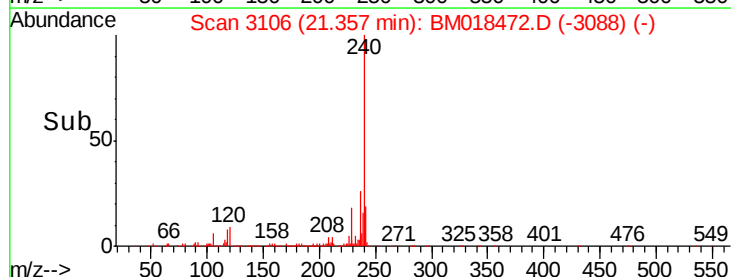
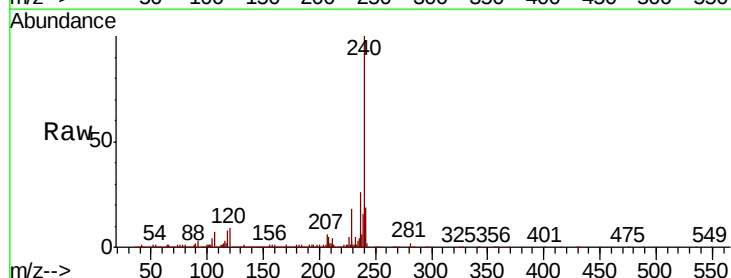
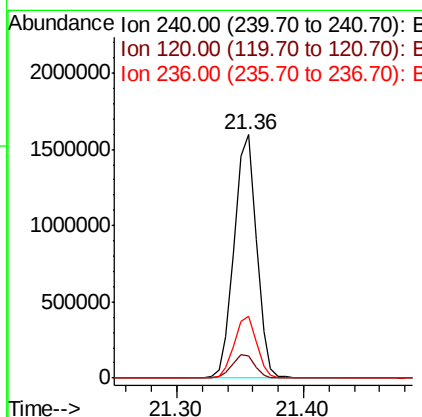
RT: 21.36 min Scan# 3106

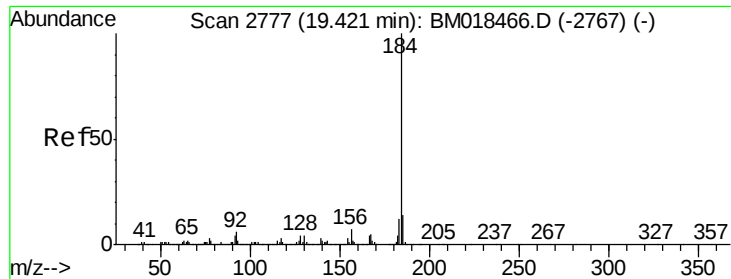
Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Tgt Ion:	240	Resp:	1940332
Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.4	12.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 48.759 ng/mL

RT: 19.42 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 2336027

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.0
183	11.2	9.5	14.3

184 100

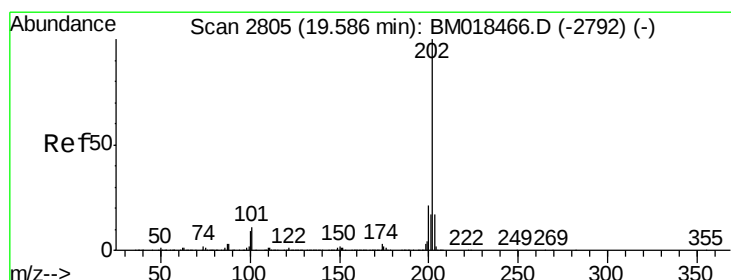
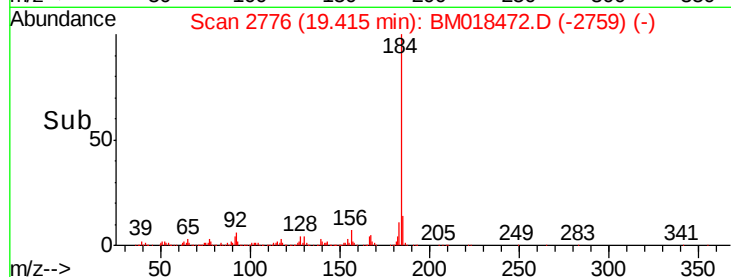
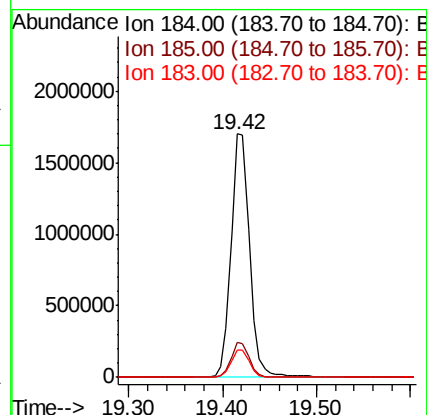
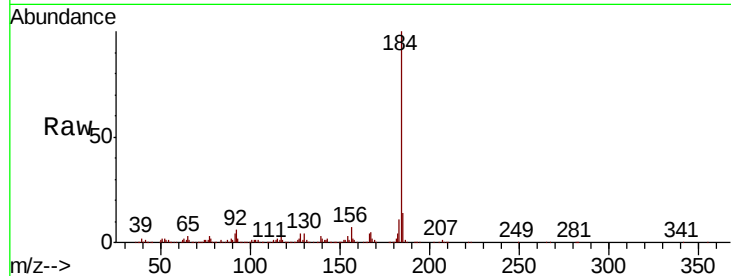
185 14.2 11.4 17.0

183 11.2 9.5 14.3

Manual Integrations
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Sohil

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#78

Pyrene

Concen: 40.898 ng/mL

RT: 19.59 min Scan# 2805

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

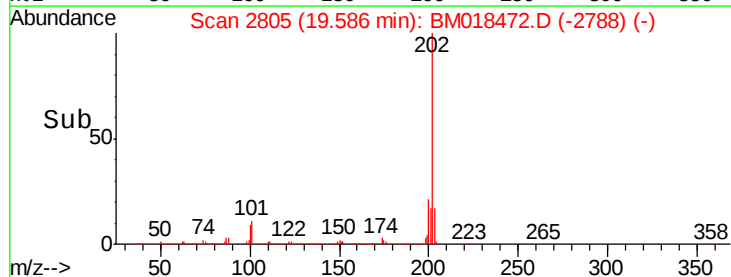
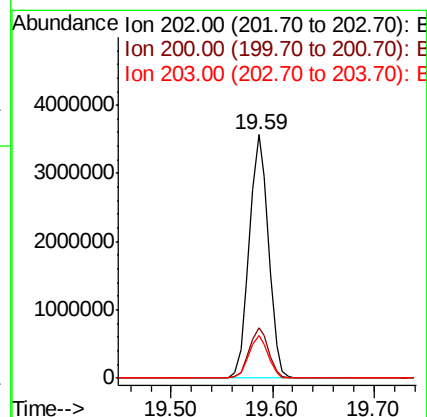
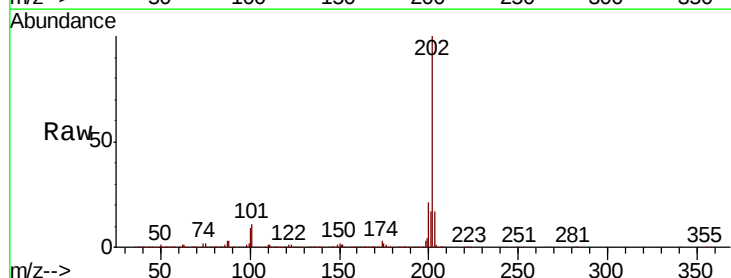
Tgt Ion:202 Resp: 4703811

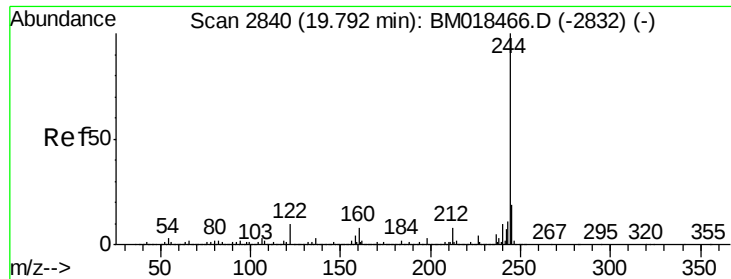
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	17.5	13.8	20.8

202 100

200 20.9 16.6 24.8

203 17.5 13.8 20.8





#79
 Terphenyl-d14
 Concen: 83.497 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. 0.01 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

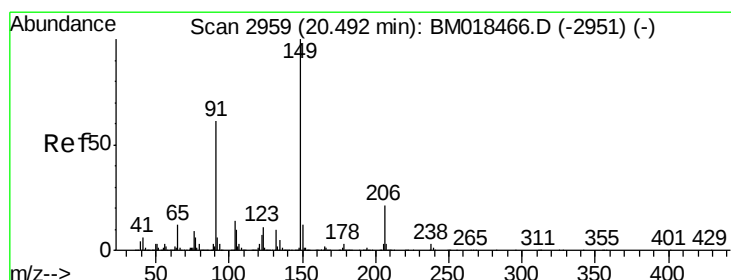
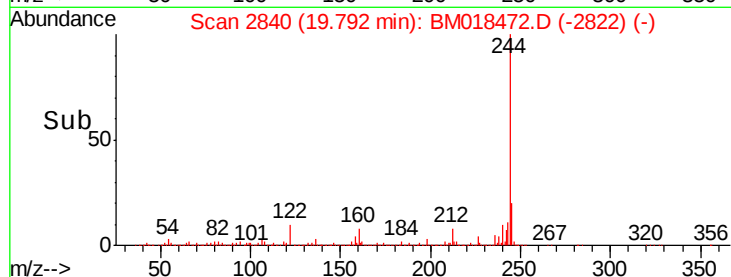
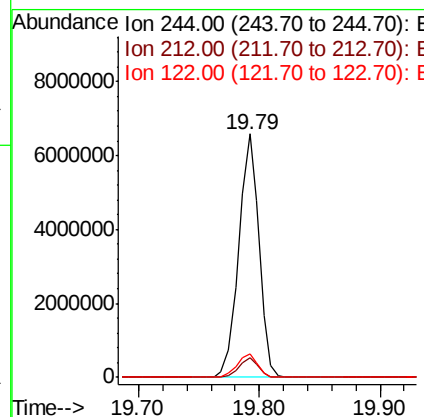
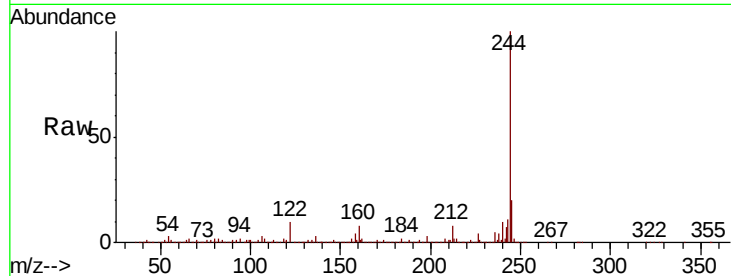
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 7685488

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	9.7	9.0	13.4

Manual Integrations
 APPROVED

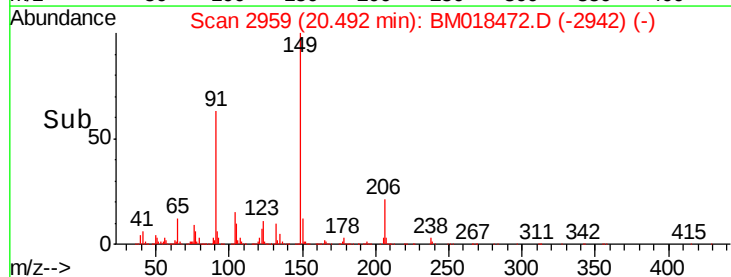
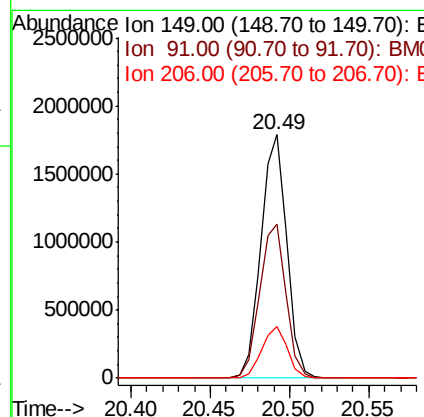
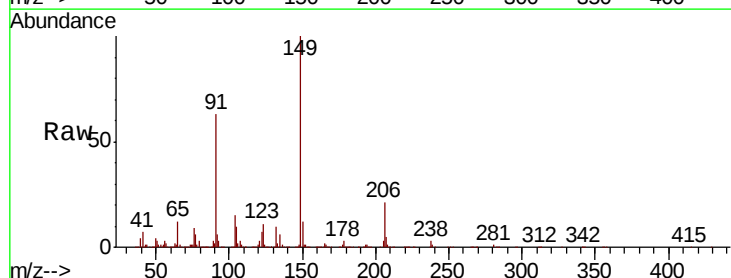
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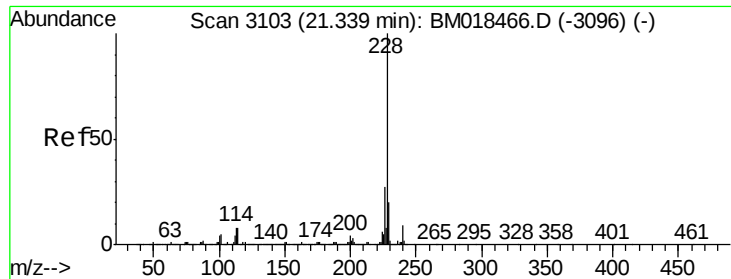


#80
 Butylbenzylphthalate
 Concen: 41.382 ng
 RT: 20.49 min Scan# 2959
 Delta R.T. 0.00 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Tgt Ion:149 Resp: 2030925

Ion	Ratio	Lower	Upper
149	100		
91	63.2	53.1	79.7
206	21.2	16.2	24.4





#81

Benzo(a)anthracene

Concen: 40.510 ng

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 4630672

Ion Ratio Lower Upper

228 100

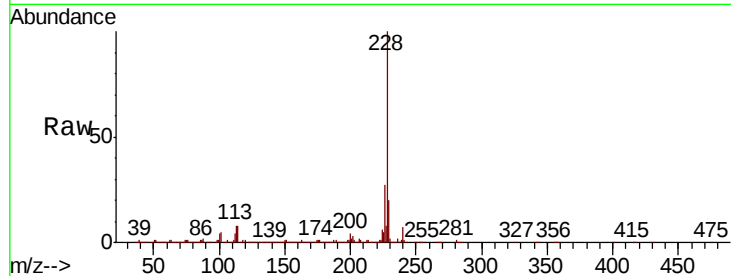
226 26.9 21.8 32.6

229 19.6 15.8 23.8

Manual Integrations
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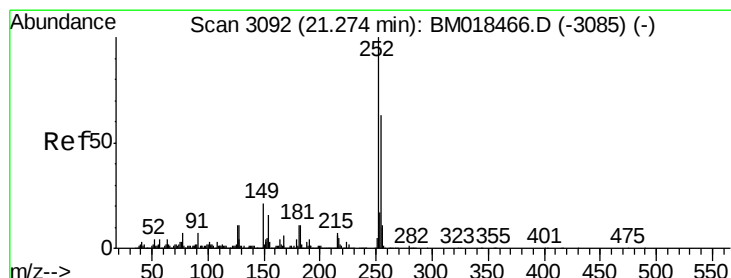
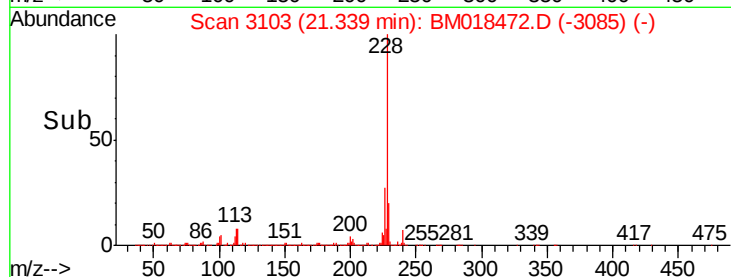
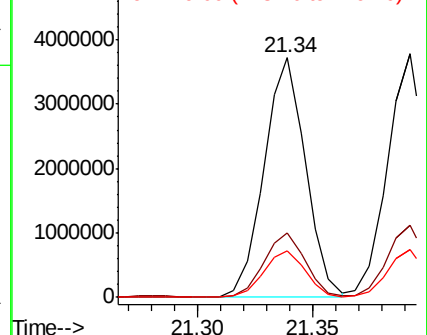


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.696 ng

RT: 21.28 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

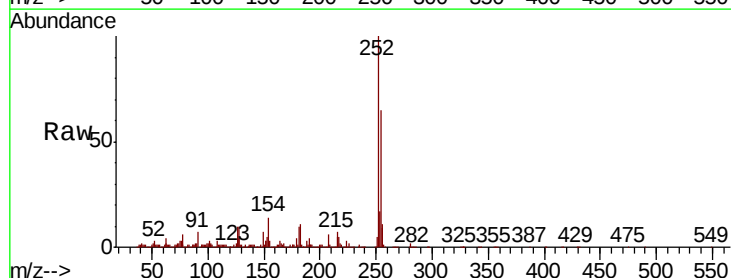
Tgt Ion:252 Resp: 1845540

Ion Ratio Lower Upper

252 100

254 64.8 51.4 77.0

126 10.2 8.7 13.1

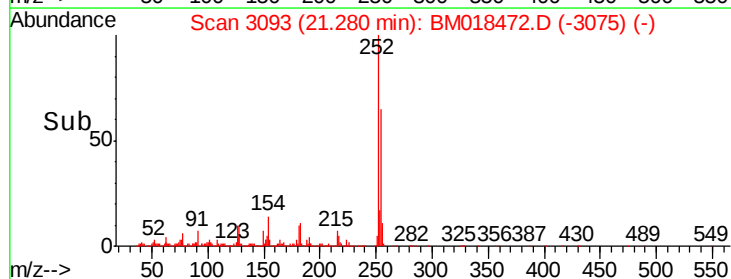
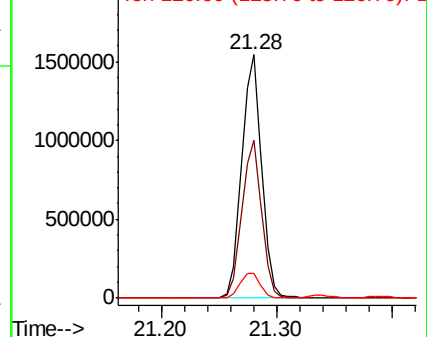


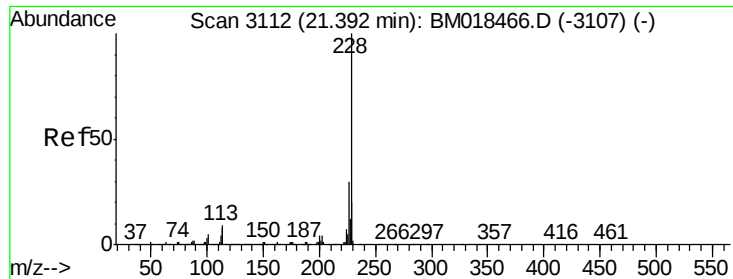
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83
 Chrysene
 Concen: 40.641 ng
 RT: 21.39 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

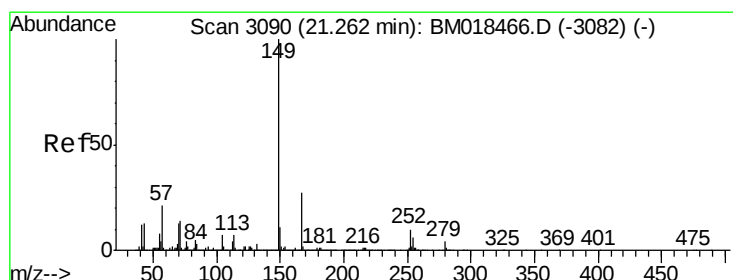
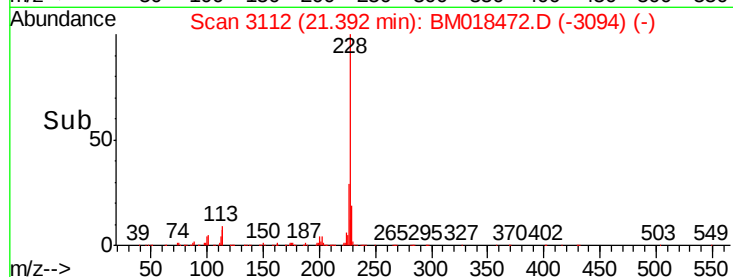
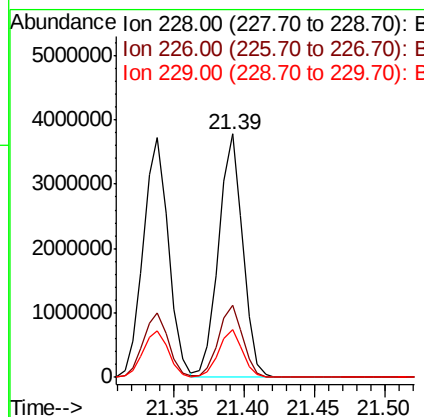
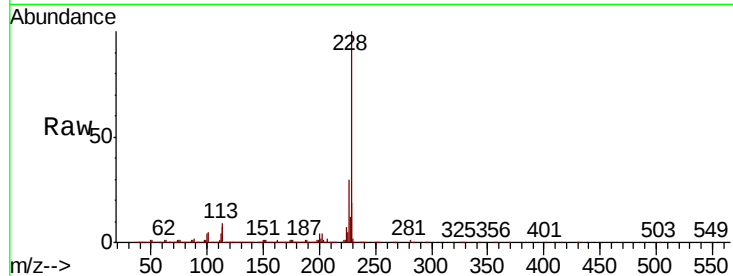
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:228 Resp: 4486030

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.2	36.2
229	19.5	15.6	23.4

Manual Integrations
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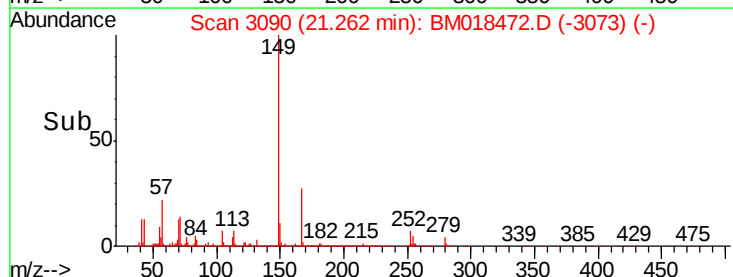
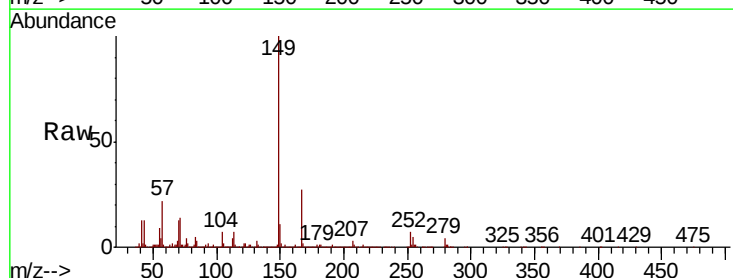
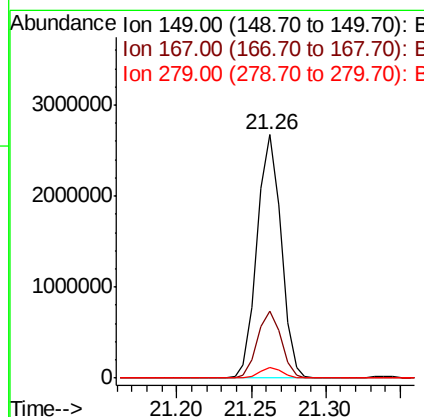
Sohil
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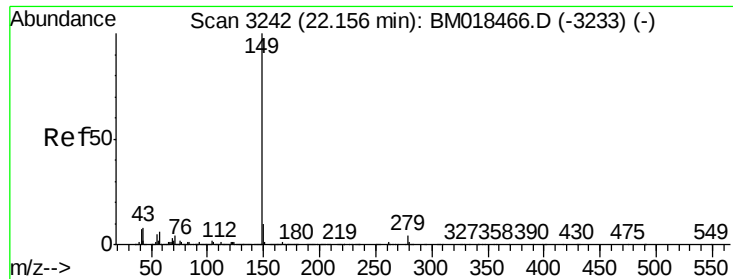


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.609 ng
 RT: 21.26 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM018472.D
 Acq: 09 Jan 2019 14:27

Tgt Ion:149 Resp: 2948775

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.6	32.4
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 42.159 ng

RT: 22.16 min Scan# 3242

Delta R.T. 0.00 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

Instrument :

BNA_M

ClientSampled :

SSTDCCC040

Tot Ion:149 Resp: 5025064

Ion Ratio Lower Upper

149 100

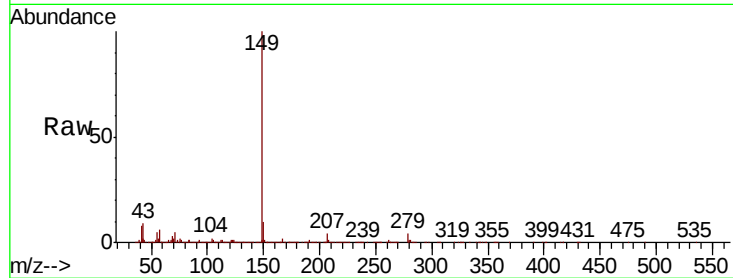
167 1.5 1.3 1.9

43 8.6 8.6 12.8

Manual Integrations
APPROVED

Sohil

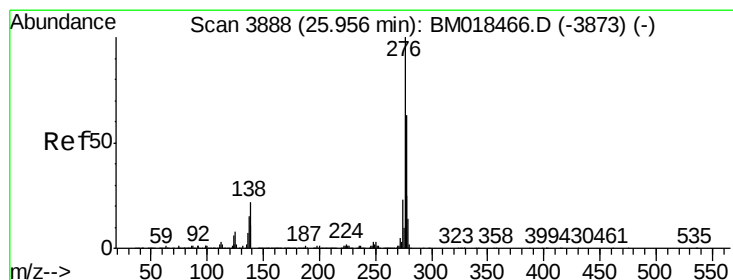
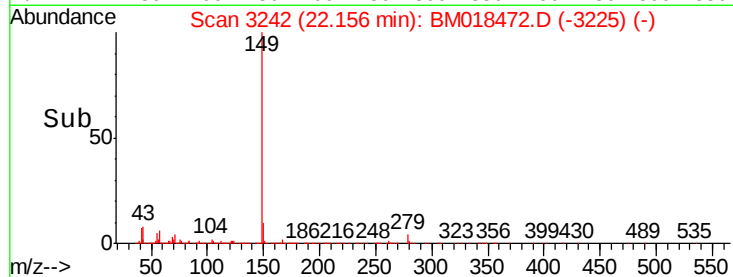
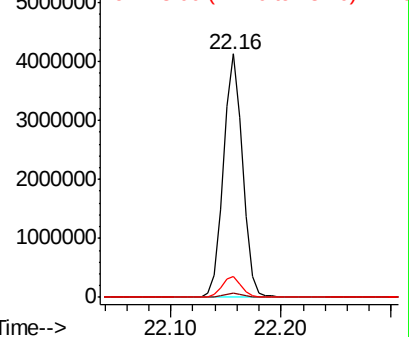
1/10/2019 3:11:56 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.047 ng

RT: 25.96 min Scan# 3889

Delta R.T. 0.02 min

Lab File: BM018472.D

Acq: 09 Jan 2019 14:27

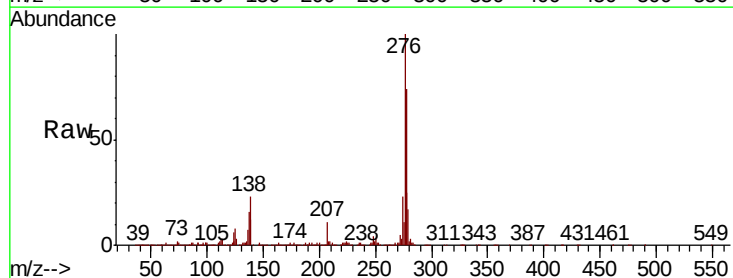
Tgt Ion:276 Resp: 5224508

Ion Ratio Lower Upper

276 100

138 24.1 21.5 32.3

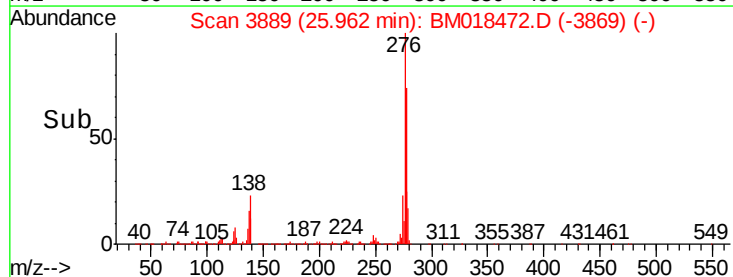
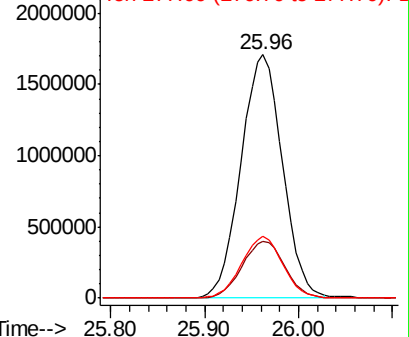
277 25.1 20.2 30.2

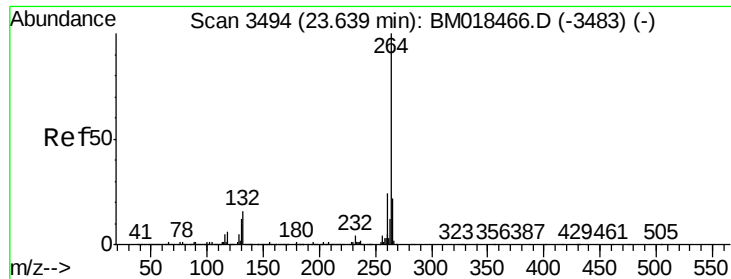


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





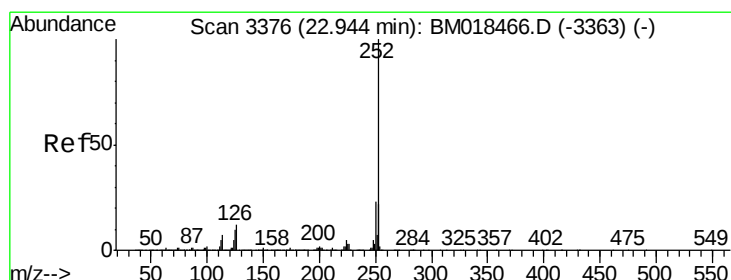
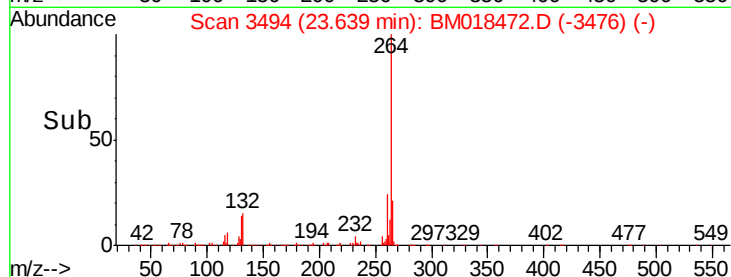
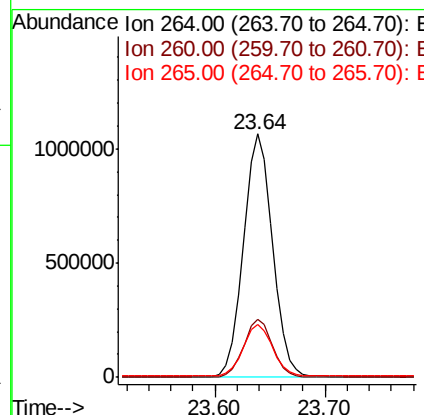
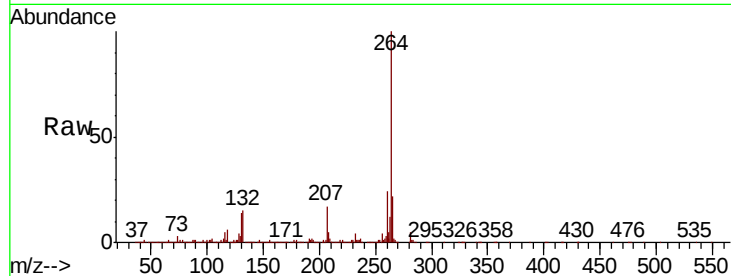
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.7	16.8	25.2

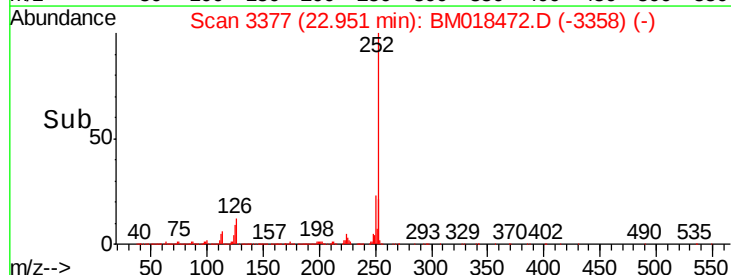
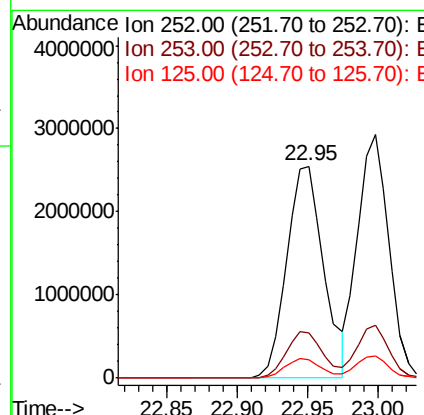
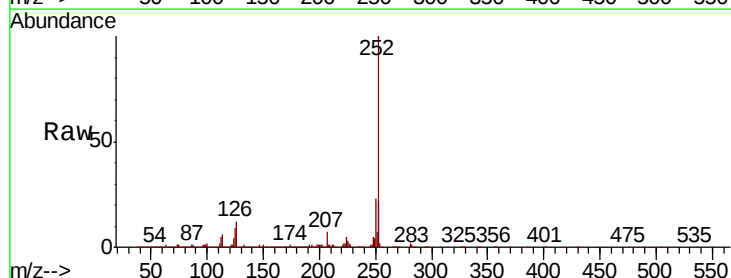
Manual Integrations
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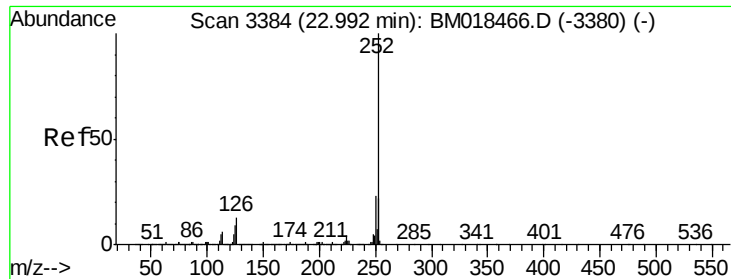
Sohil
1/10/2019 3:11:56 PM



#88
Benzo(b)fluoranthene
Concen: 41.142 ng
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	8.9	8.5	12.7





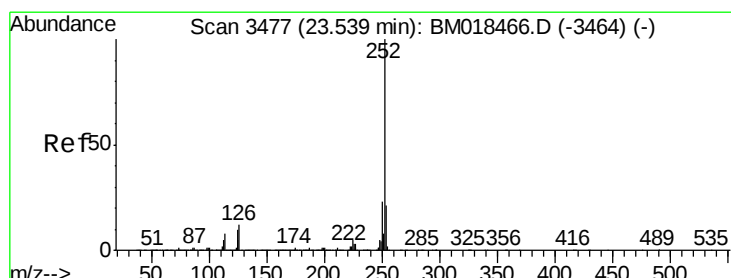
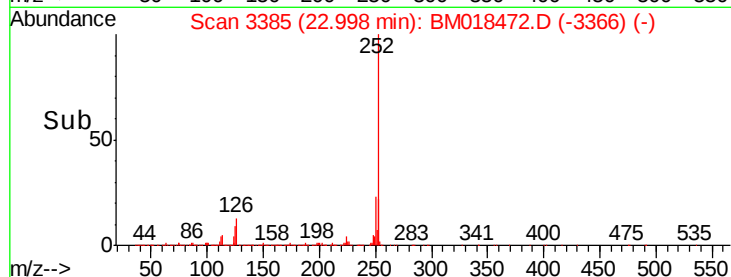
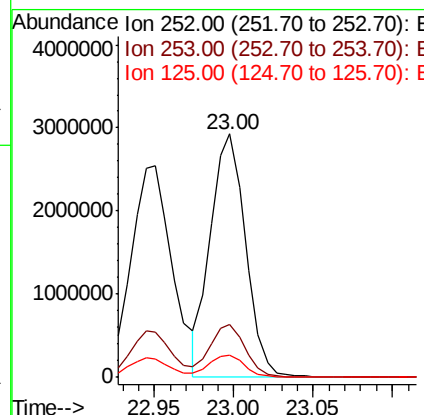
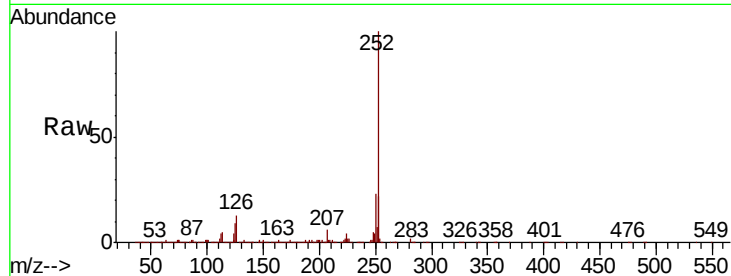
#89
Benzo(k)fluoranthene
Concen: 39.727 ng
RT: 23.00 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	9.0	8.6	12.8

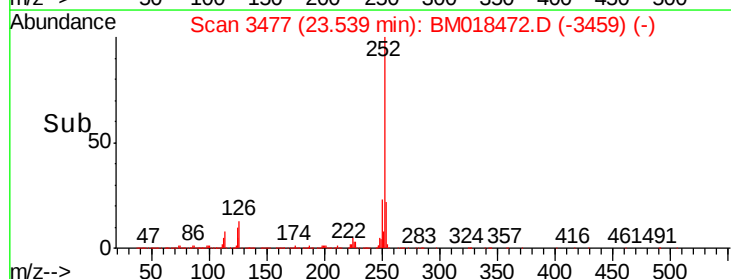
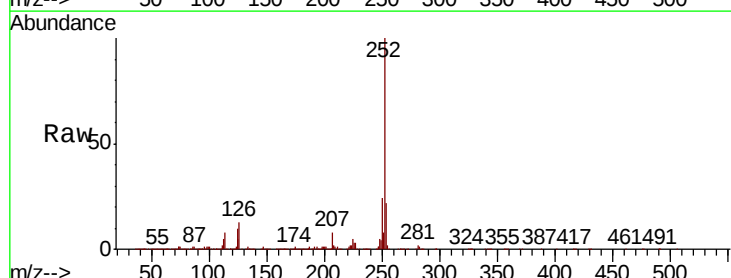
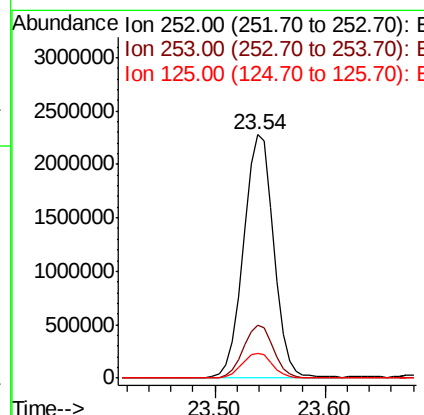
Manual Integrations
APPROVED

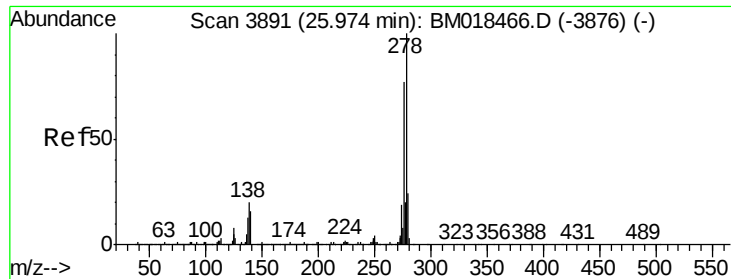
Sohil
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#90
Benzo(a)pyrene
Concen: 40.668 ng
RT: 23.54 min Scan# 3477
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.4	9.7	14.5





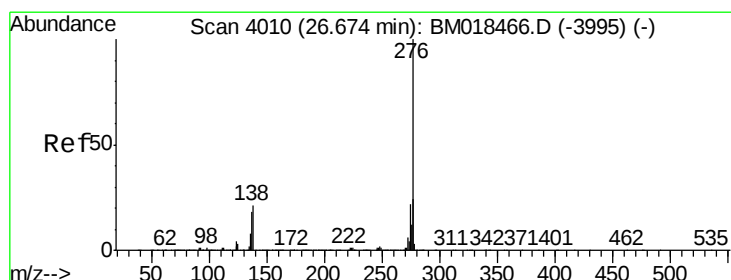
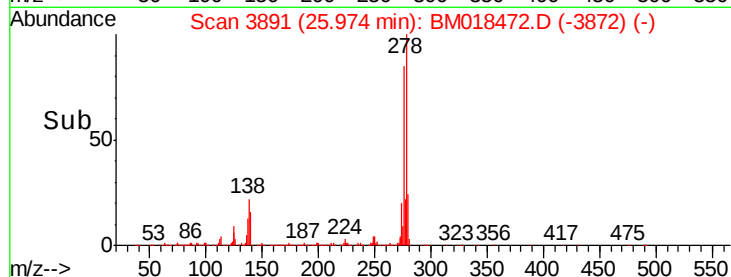
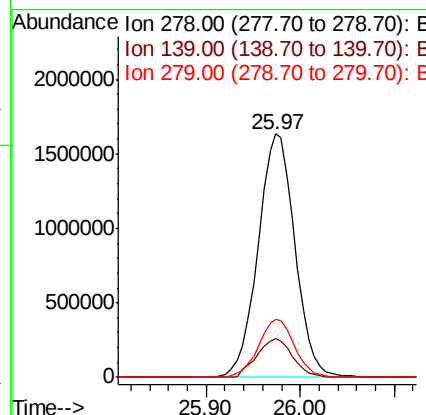
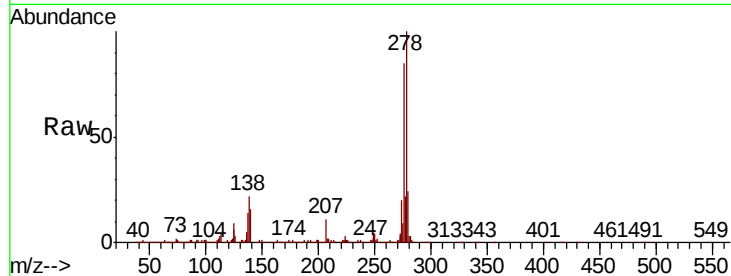
#91
Dibenzo(a,h)anthracene
Concen: 40.507 ng
RT: 25.97 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	15.9	13.2	19.8	
279	23.7	19.0	28.4	

Manual Integrations
APPROVED

Sohil
1/10/2019 3:11:56 PM



#92
Benzo(g,h,i)perylene
Concen: 40.385 ng
RT: 26.67 min Scan# 4010
Delta R.T. 0.02 min
Lab File: BM018472.D
Acq: 09 Jan 2019 14:27

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	24.2	19.0	28.4	
138	21.0	18.1	27.1	

