

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018417.D
 Acq On : 28 Dec 2018 04:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 12/28/2018 12:30:34 PM

Quant Time: Dec 28 05:39:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	529965	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	2341004	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1370799	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	3152726	20.00	ng	0.00
76) Chrysene-d12	21.37	240	3388704	20.00	ng	0.00
87) Perylene-d12	23.66	264	3441271	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	2370533	84.33	ng	0.00
7) Phenol-d6	6.95	99	3363877	86.18	ng	0.01
23) Nitrobenzene-d5	8.95	82	3245462	79.57	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	1513581	86.90	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	8205665	81.07	ng	0.00
79) Terphenyl-d14	19.81	244	12021701	75.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	421171	36.791	ng	99
3) Pyridine	3.69	79	1118245	35.414	ng	97
4) n-Nitrosodimethylamine	3.62	42	494344	38.396	ng	# 96
6) Aniline	7.12	93	1928449	39.611	ng	99
8) 2-Chlorophenol	7.35	128	1449358	42.756	ng	96
9) Benzaldehyde	6.93	77	978213	35.698	ng	100
10) Phenol	6.98	94	1673064	41.665	ng	98
11) bis(2-Chloroethyl)ether	7.22	93	1286395	41.098	ng	98
12) 1,3-Dichlorobenzene	7.67	146	1602514	40.244	ng	99
13) 1,4-Dichlorobenzene	7.82	146	1633259	40.372	ng	99
14) 1,2-Dichlorobenzene	8.13	146	1591033	40.082	ng	99
15) Benzyl Alcohol	8.03	79	1256337	41.467	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.32	45	1818074	36.474	ng	98
17) 2-Methylphenol	8.22	107	1188068	41.764	ng	98
18) Hexachloroethane	8.86	117	582656	40.350	ng	96
19) n-Nitroso-di-n-propylamine	8.60	70	1135033	38.173	ng	96
20) 3+4-Methylphenols	8.56	107	1662223	43.555	ng	98
22) Acetophenone	8.61	105	2318495	39.008	ng	# 98
24) Nitrobenzene	8.99	77	1592932	39.464	ng	97
25) Isophorone	9.52	82	2736895	38.683	ng	98
26) 2-Nitrophenol	9.70	139	798826	46.230	ng	96
27) 2,4-Dimethylphenol	9.75	122	1230437	41.986	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	1778953	40.061	ng	99
29) 2,4-Dichlorophenol	10.23	162	1450441	44.750	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	1638857	41.276	ng	99
31) Naphthalene	10.63	128	4540547	40.241	ng	99
32) Benzoic acid	9.92	122	879124m	49.950	ng	
33) 4-Chloroaniline	10.75	127	2084095	40.316	ng	99
34) Hexachlorobutadiene	10.90	225	980381	40.665	ng	99
35) Caprolactam	11.56	113	541885m	45.238	ng	
36) 4-Chloro-3-methylphenol	11.87	107	1608846	43.790	ng	99
37) 2-Methylnaphthalene	12.25	142	3287601	39.789	ng	99
38) 1-Methylnaphthalene	12.46	142	3186747	39.676	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.61	216	1822796	42.475	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	868328	41.730	ng	100
43) 2,4,6-Trichlorophenol	12.86	196	1218573	49.989	ng	99
44) 2,4,5-Trichlorophenol	12.93	196	1271895	47.746	ng	99
46) 1,1'-Biphenyl	13.26	154	4727759	40.360	ng	99
47) 2-Chloronaphthalene	13.30	162	3670432	40.910	ng	99
48) 2-Nitroaniline	13.52	65	1038295	43.128	ng	94
49) Acenaphthylene	14.16	152	5563882	40.281	ng	99
50) Dimethylphthalate	13.90	163	4600114	40.167	ng	100
51) 2,6-Dinitrotoluene	14.02	165	1018986	42.395	ng	91
52) Acenaphthene	14.50	154	3352816	40.223	ng	99
53) 3-Nitroaniline	14.35	138	1136047	42.500	ng	97
54) 2,4-Dinitrophenol	14.55	184	345719	49.979	ng	92
55) Dibenzofuran	14.83	168	5452839	39.980	ng	99
56) 4-Nitrophenol	14.65	139	936085	43.425	ng	99
57) 2,4-Dinitrotoluene	14.80	165	1409495	43.341	ng	99
58) Fluorene	15.48	166	4208674	39.616	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.06	232	1101955	44.794	ng	98
60) Diethylphthalate	15.26	149	4810163	40.156	ng	99
61) 4-Chlorophenyl-phenylether	15.48	204	2336115	40.024	ng	96
62) 4-Nitroaniline	15.52	138	1198444	42.121	ng	94
63) Azobenzene	15.77	77	4105574	37.605	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	649534	48.287	ng	94
66) n-Nitrosodiphenylamine	15.70	169	4032495	41.039	ng	99
67) 4-Bromophenyl-phenylether	16.37	248	1424402	41.489	ng	98
68) Hexachlorobenzene	16.47	284	1575274	40.505	ng	99
69) Atrazine	16.65	200	1525668	41.886	ng	99
70) Pentachlorophenol	16.82	266	992014	43.745	ng	98
71) Phenanthrene	17.23	178	6667134	39.949	ng	100
72) Anthracene	17.32	178	6702535	40.315	ng	100
73) Carbazole	17.59	167	7064197	40.458	ng	100
74) Di-n-butylphthalate	18.15	149	8294172	41.795	ng	99
75) Fluoranthene	19.24	202	7921132	40.077	ng	99
77) Benzidine	19.43	184	4624460	47.742	ng	100
78) Pyrene	19.60	202	8226726	41.824	ng	99
80) Butylbenzylphthalate	20.51	149	3912402	44.434	ng	98
81) Benzo(a)anthracene	21.36	228	8196172	41.180	ng	99
82) 3,3'-Dichlorobenzidine	21.29	252	3358197	43.917	ng	100
83) Chrysene	21.41	228	7751639	40.369	ng	99
84) Bis(2-ethylhexyl)phthalate	21.28	149	5810630	43.821	ng	99
85) Di-n-octyl phthalate	22.18	149	9909922	45.214	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	8331897	35.054	ng	99
88) Benzo(b)fluoranthene	22.97	252	8287620	43.178	ng	100
89) Benzo(k)fluoranthene	23.02	252	7832746	40.801	ng	99
90) Benzo(a)pyrene	23.57	252	7728015	41.912	ng	99
91) Dibenzo(a,h)anthracene	26.02	278	7042890	36.678	ng	99
92) Benzo(g,h,i)perylene	26.73	276	6581891	35.799	ng	99

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

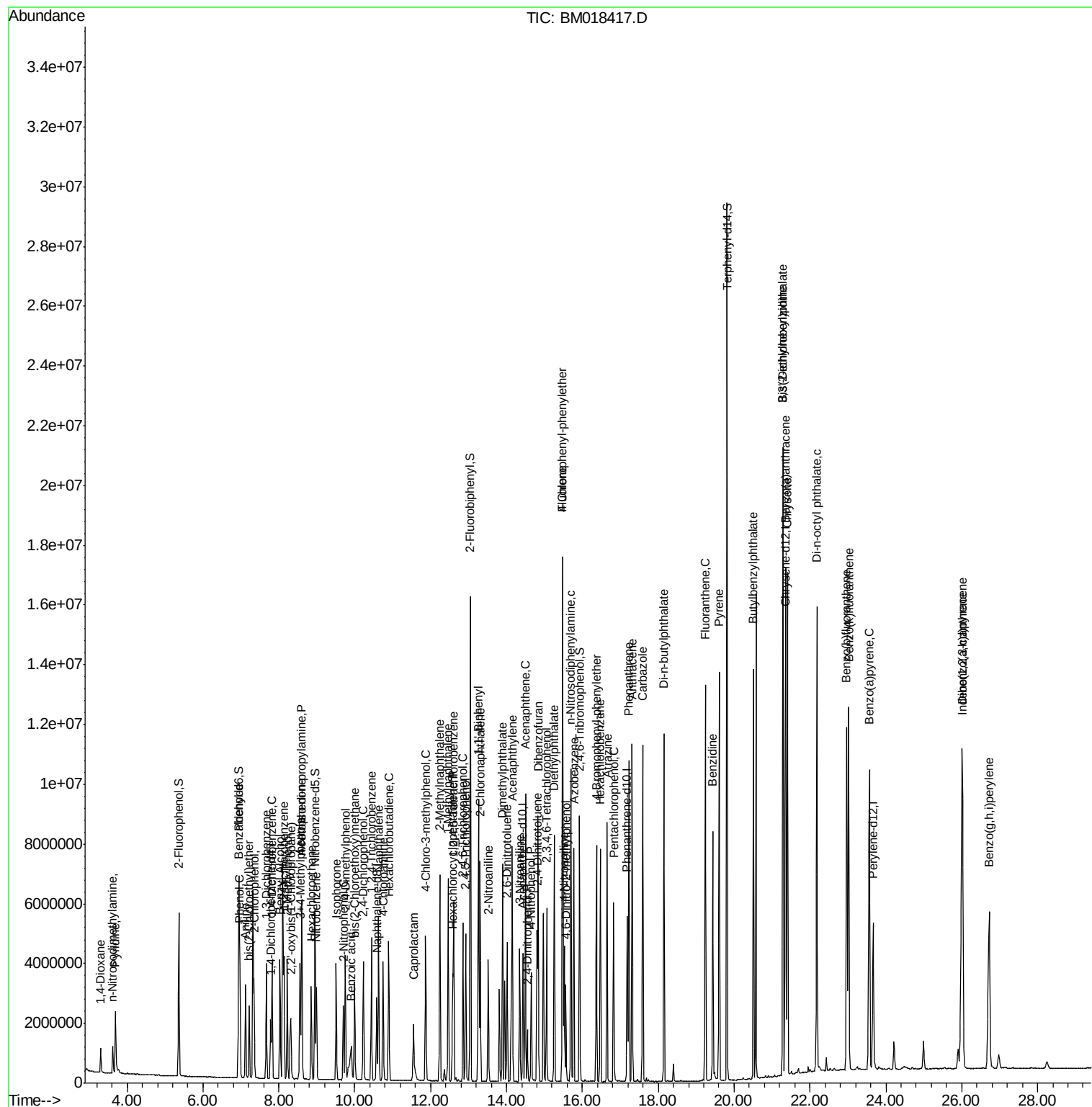
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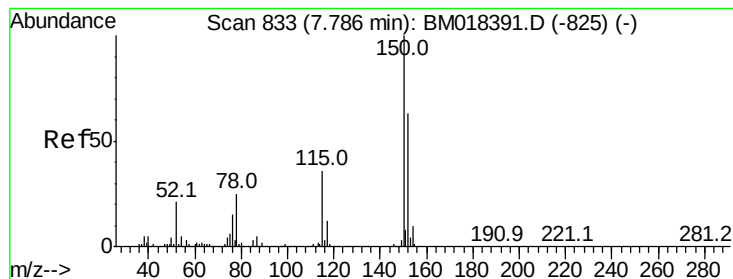
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#1

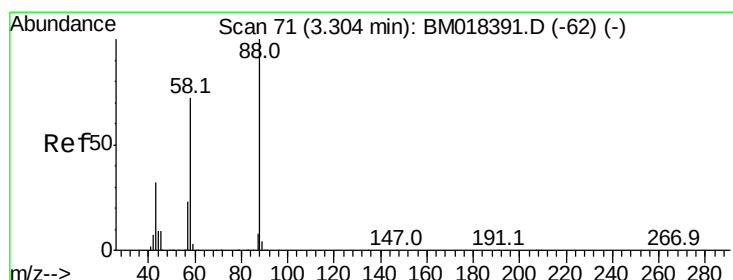
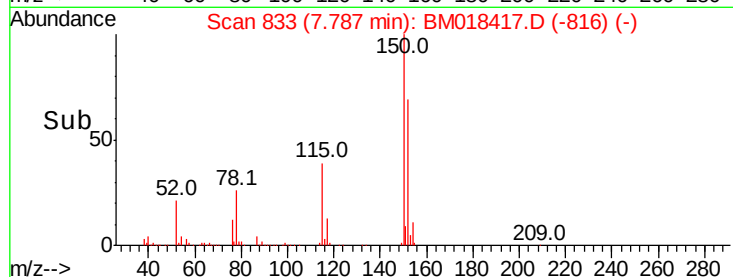
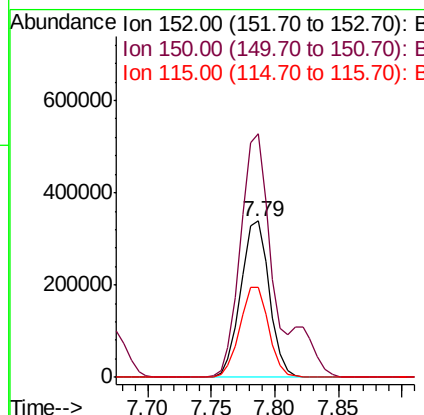
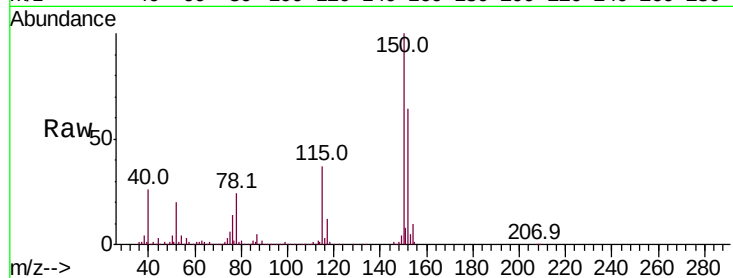
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 833
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.9	190.3
115	57.3	45.5	68.3

Manual Integrations
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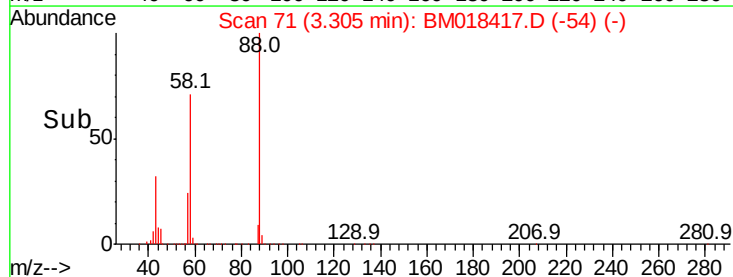
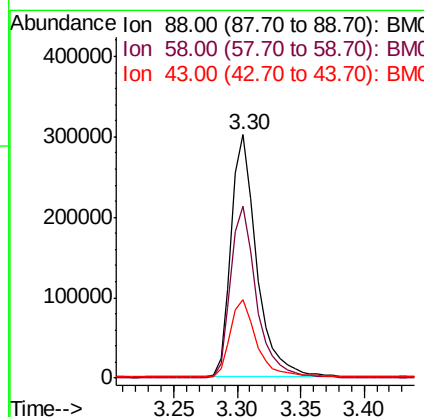
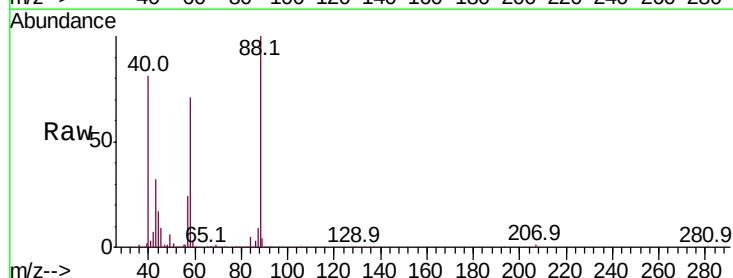
Sohil
12/28/2018 12:30:34 PM

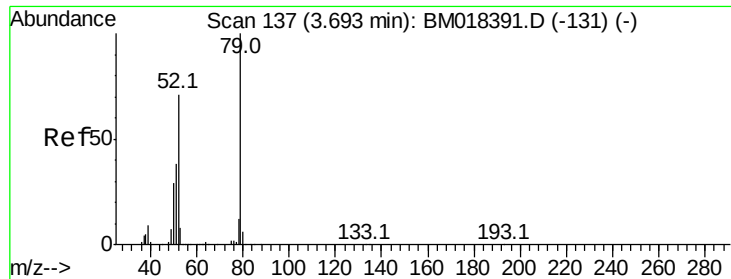


#2

1,4-Dioxane
Concen: 36.791 ng
RT: 3.30 min Scan# 71
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.3	58.4	87.6
43	32.8	26.2	39.4





#3

Pvridine

Concen: 35.414 ng

RT: 3.69 min Scan# 137

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1118245

Ion Ratio Lower Upper

79 100

52 68.7 56.4 84.6

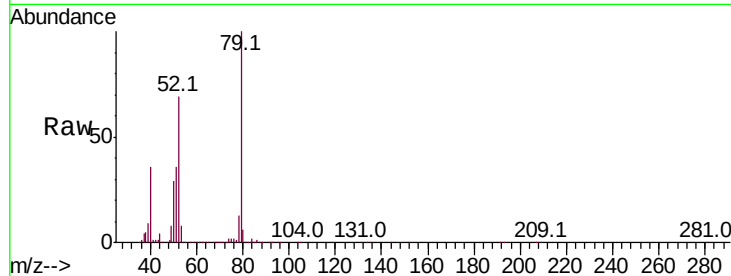
51 36.3 31.0 46.4

Manual Integrations

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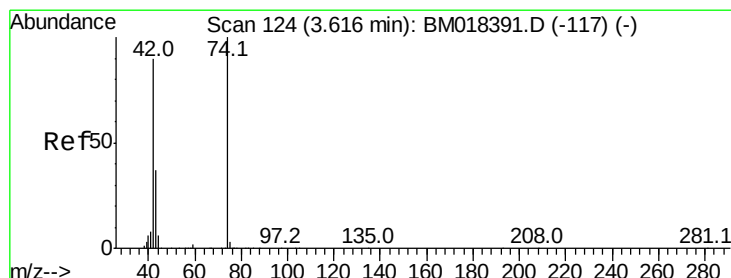
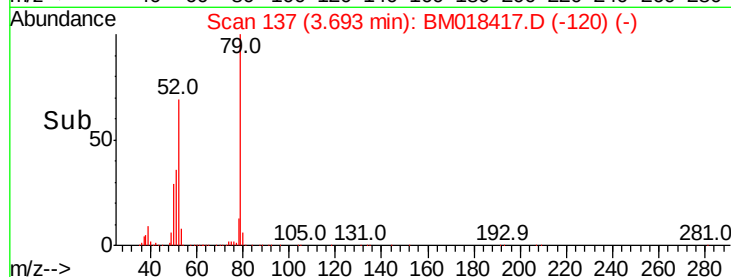
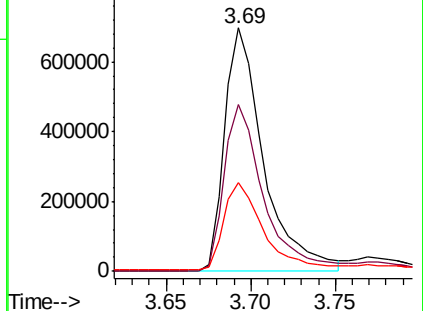
12/28/2018 12:30:34 PM



Abundance Ion 79.00 (78.70 to 79.70): BM018417.D (-131) (-)

Ion 52.00 (51.70 to 52.70): BM018417.D (-131) (-)

Ion 51.00 (50.70 to 51.70): BM018417.D (-131) (-)



#4

n-Nitrosodimethylamine

Concen: 38.396 ng

RT: 3.62 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

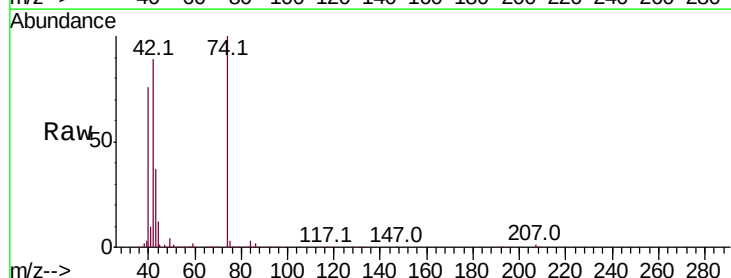
Tgt Ion: 42 Resp: 494344

Ion Ratio Lower Upper

42 100

74 112.5 88.6 132.8

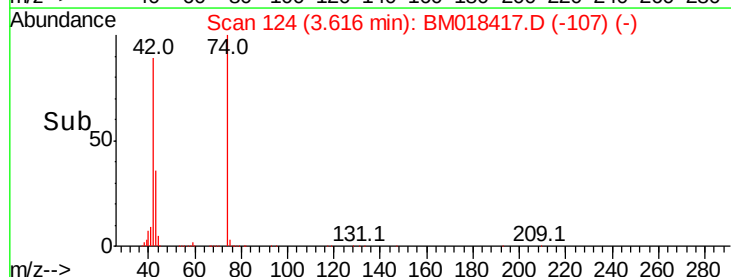
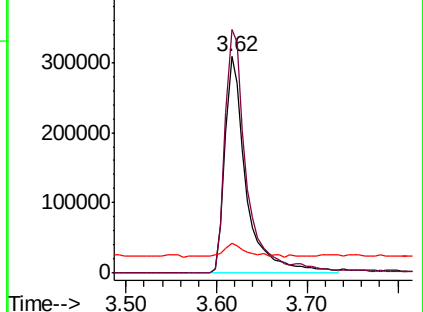
44 13.6 16.9 25.3#

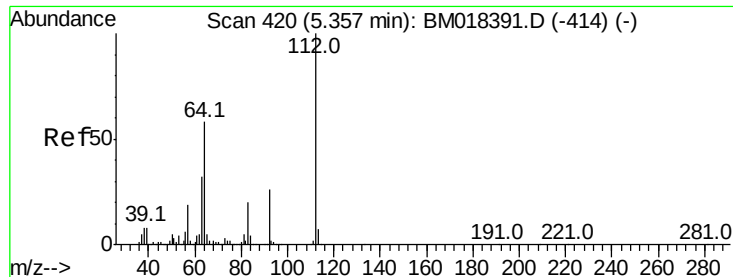


Abundance Ion 42.00 (41.70 to 42.70): BM018417.D (-117) (-)

Ion 74.00 (73.70 to 74.70): BM018417.D (-117) (-)

Ion 44.00 (43.70 to 44.70): BM018417.D (-117) (-)





#5

2-Fluorophenol

Concen: 84.332 ng

RT: 5.36 min Scan# 421

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 2370533

Ion Ratio Lower Upper

112 100

64 54.7 46.5 69.7

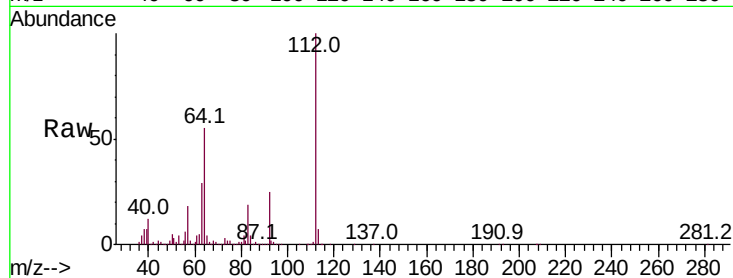
63 29.4 25.2 37.8

Manual Integrations

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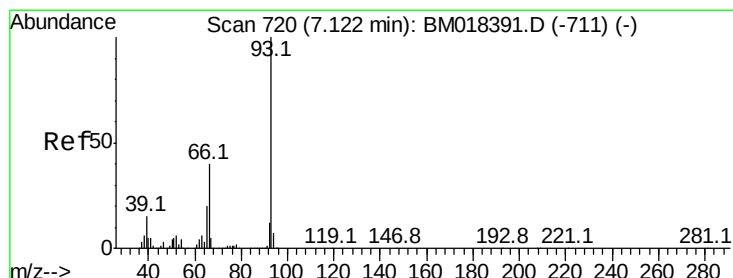
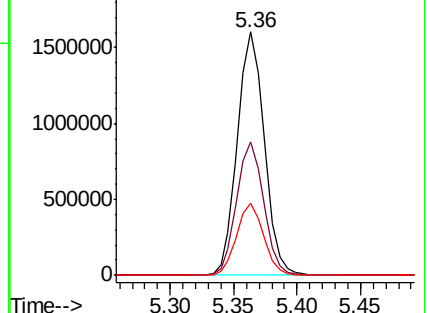
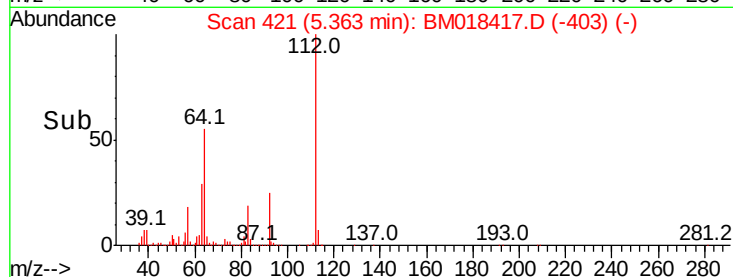
12/28/2018 12:30:34 PM



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: 39.611 ng

RT: 7.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

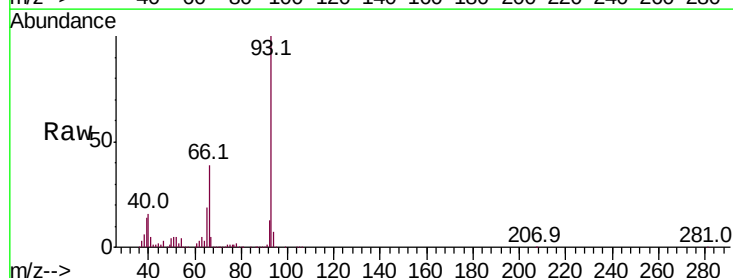
Tgt Ion: 93 Resp: 1928449

Ion Ratio Lower Upper

93 100

66 39.2 31.7 47.5

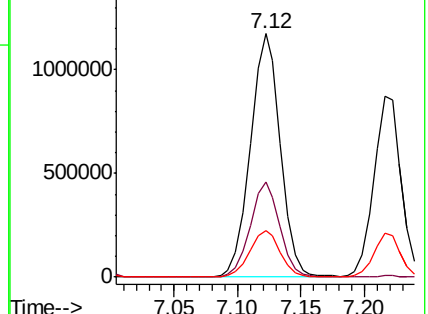
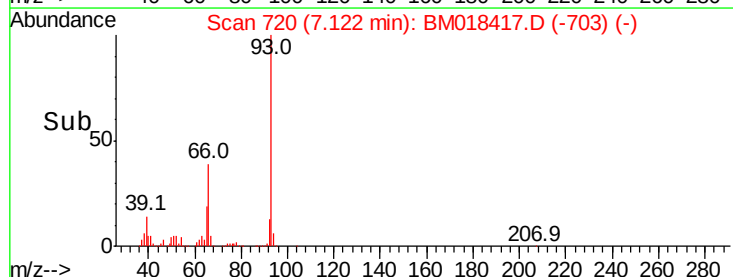
65 19.3 15.9 23.9

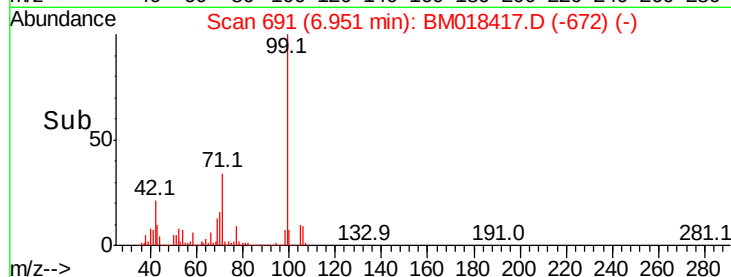
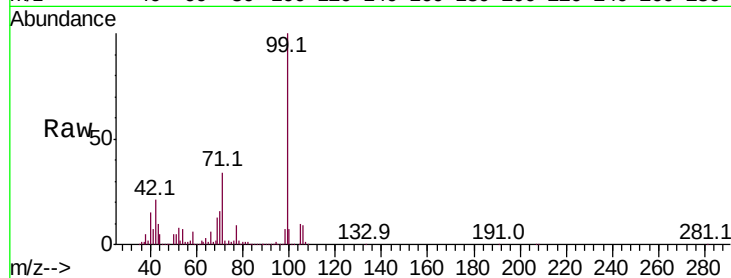
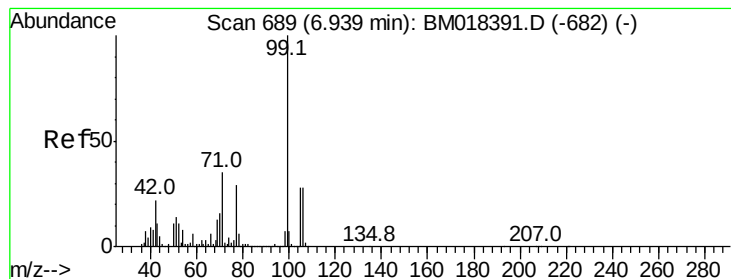


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 86.183 ng

RT: 6.95 min Scan# 691

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Tot Ion: 99 Resp: 3363877

Ion Ratio Lower Upper

99 100

42 20.6 17.3 25.9

71 33.9 28.0 42.0

Instrument :

BNA_M

ClientSampleId :

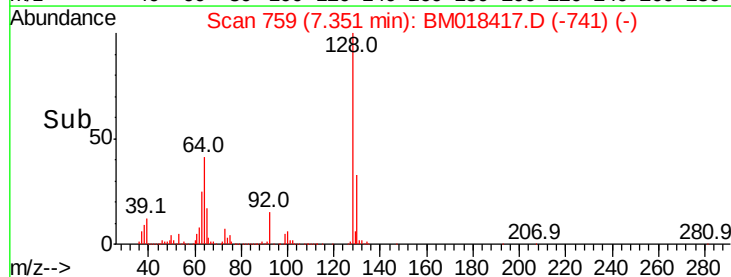
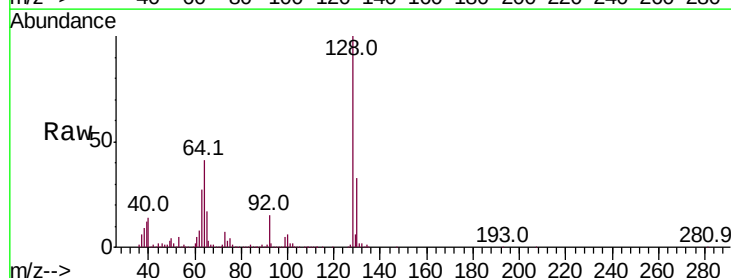
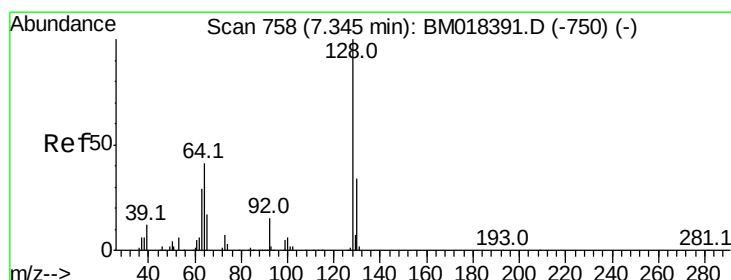
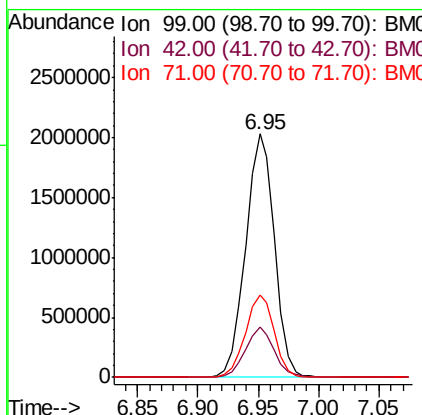
SSTDCCC040

Manual Integrations

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#8

2-Chlorophenol

Concen: 42.756 ng

RT: 7.35 min Scan# 759

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

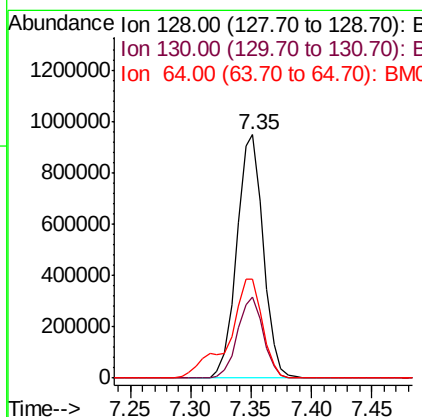
Tgt Ion:128 Resp: 1449358

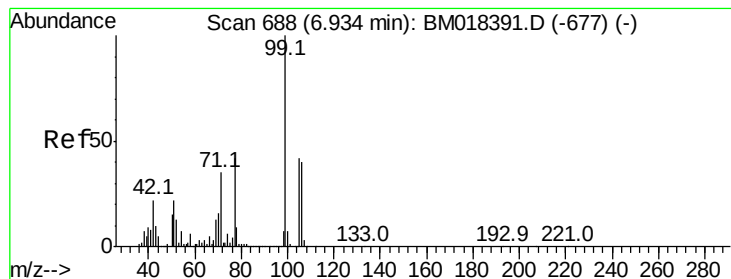
Ion Ratio Lower Upper

128 100

130 33.2 13.6 53.6

64 40.8 24.8 64.8





#9

Benzaldehyde

Concen: 35.698 ng

RT: 6.93 min Scan# 688

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

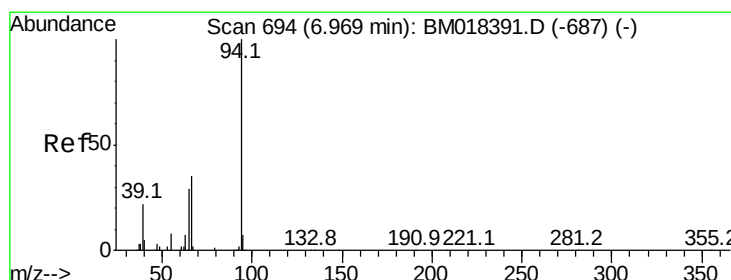
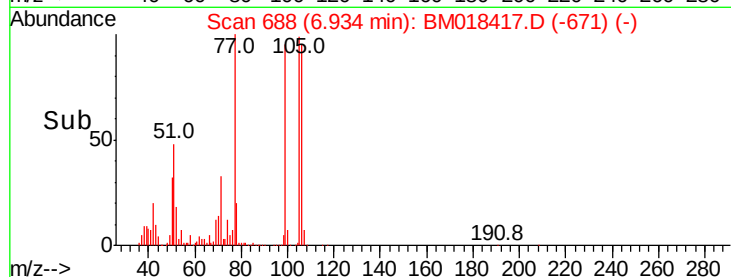
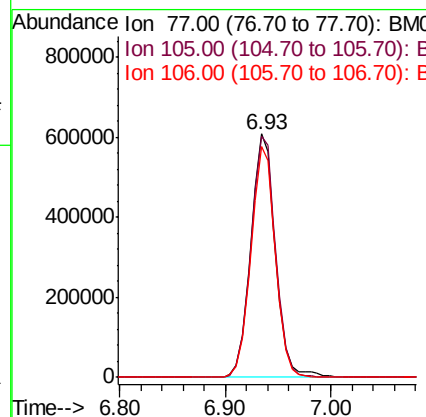
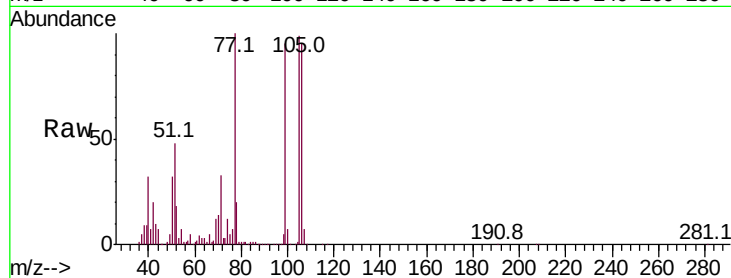
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	978213
Ion	Ratio	Lower	Upper
77	100		
105	99.2	79.7	119.7
106	95.0	75.2	115.2

Manual Integrations
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#10

Phenol

Concen: 41.665 ng

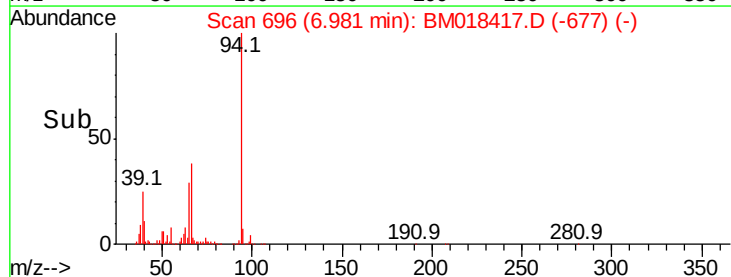
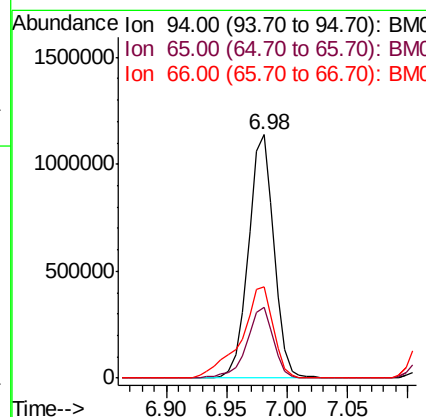
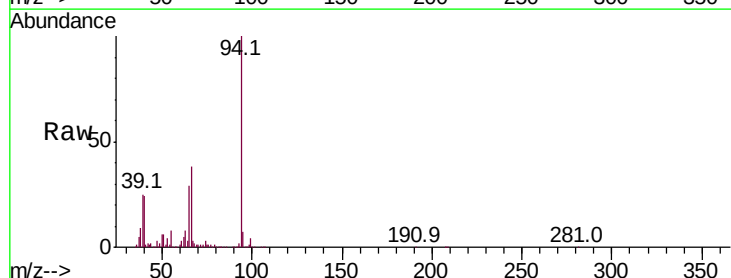
RT: 6.98 min Scan# 696

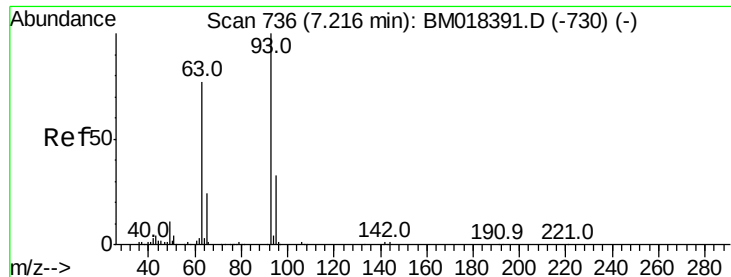
Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Tgt Ion:	94	Resp:	1673064
Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.4	49.4
66	37.6	19.1	59.1





#11

bis(2-Chloroethyl)ether

Concen: 41.098 ng

RT: 7.22 min Scan# 736

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 93 Resp: 1286395

Ion Ratio Lower Upper

93 100

63 75.0 56.4 96.4

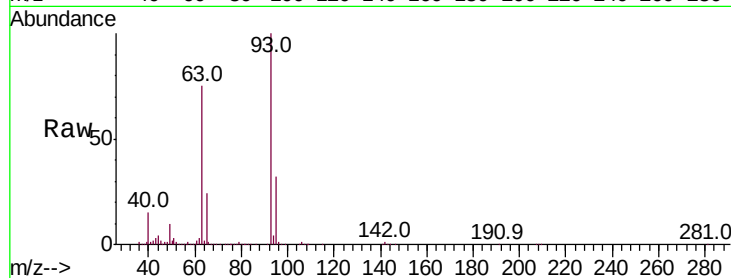
95 31.8 12.7 52.7

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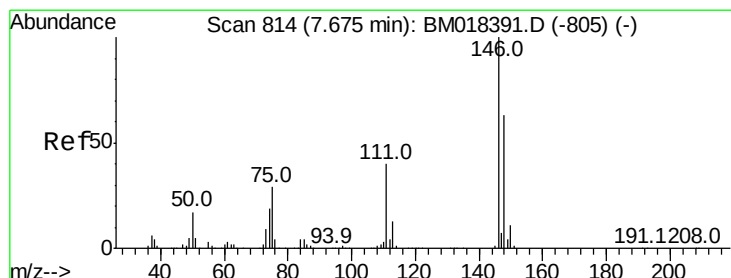
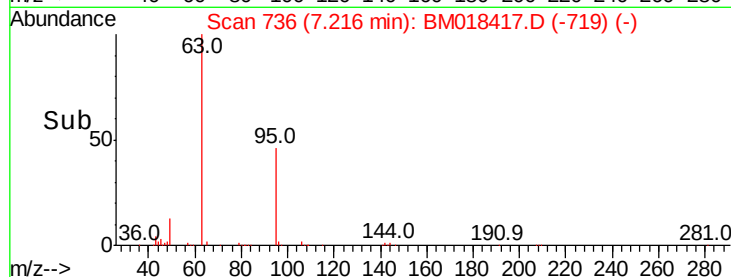
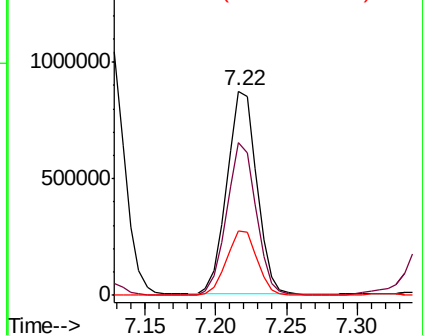
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Abundance Ion 93.00 (92.70 to 93.70): BM018391.D (-730) (-)

Ion 63.00 (62.70 to 63.70): BM018391.D (-730) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-730) (-)



#12

1,3-Dichlorobenzene

Concen: 40.244 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

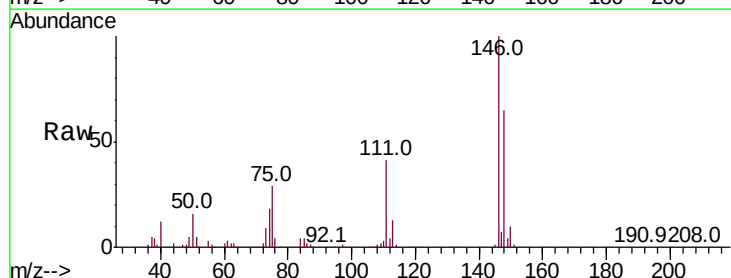
Tgt Ion: 146 Resp: 1602514

Ion Ratio Lower Upper

146 100

148 64.8 50.5 75.7

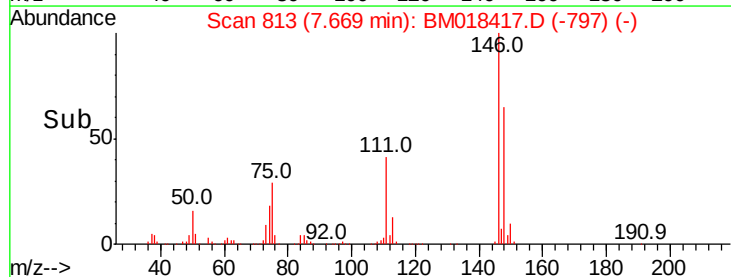
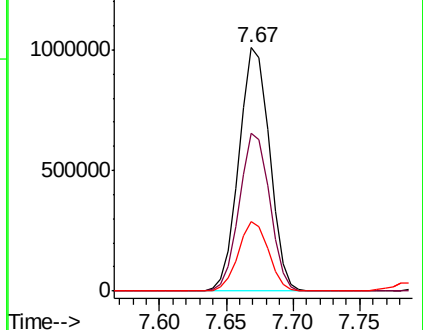
75 28.8 23.0 34.6

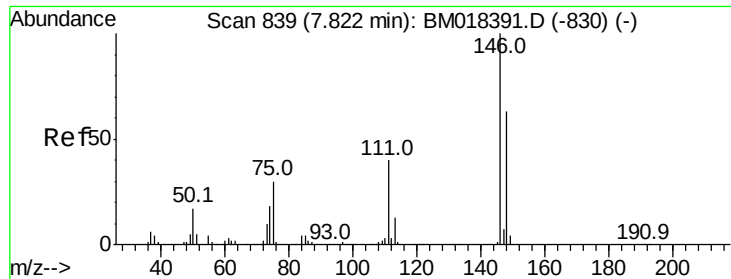


Abundance Ion 146.00 (145.70 to 146.70): BM018391.D (-805) (-)

Ion 148.00 (147.70 to 148.70): BM018391.D (-805) (-)

Ion 75.00 (74.70 to 75.70): BM018391.D (-805) (-)





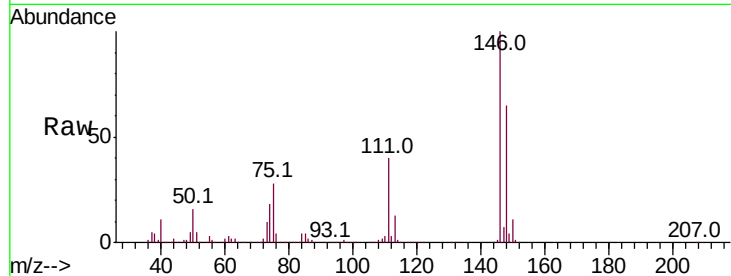
#13
1,4-Dichlorobenzene
Concen: 40.372 ng
RT: 7.82 min Scan# 839
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

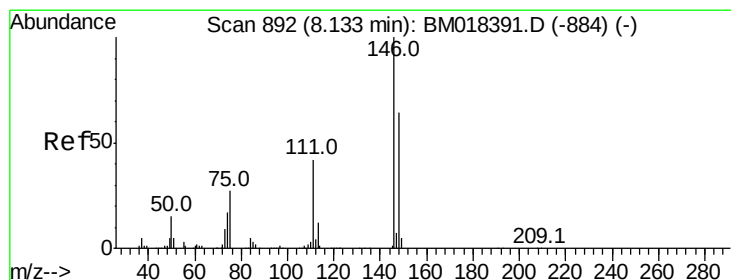
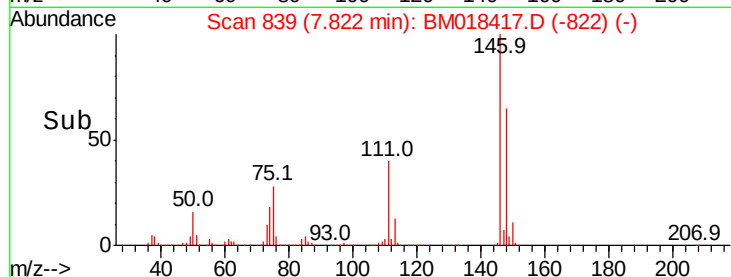
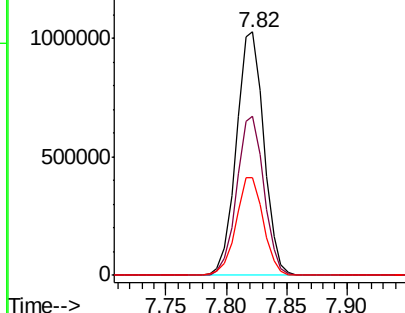
Tot Ion:146 Resp: 1633259
Ion Ratio Lower Upper
146 100
148 65.2 50.8 76.2
111 40.0 32.2 48.2

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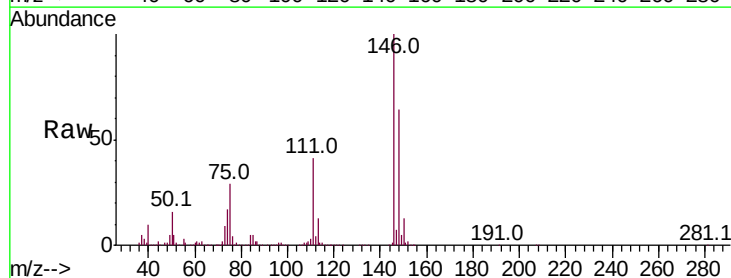


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

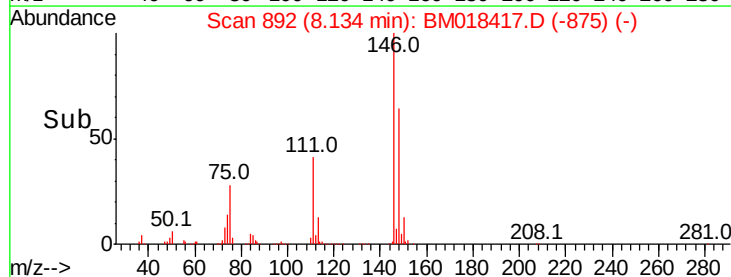
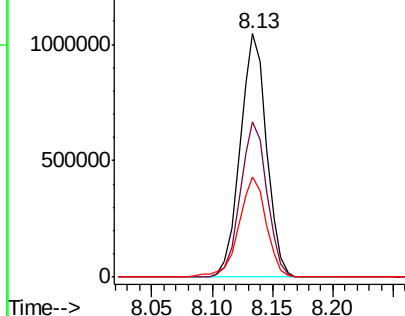


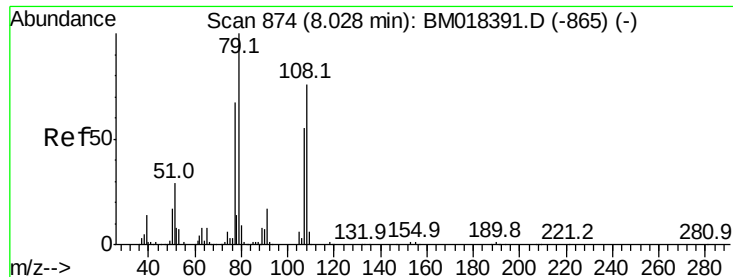
#14
1,2-Dichlorobenzene
Concen: 40.082 ng
RT: 8.13 min Scan# 892
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion:146 Resp: 1591033
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 41.2 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.467 ng

RT: 8.03 min Scan# 874

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 1256337

Ion Ratio Lower Upper

79 100

108 77.5 60.4 90.6

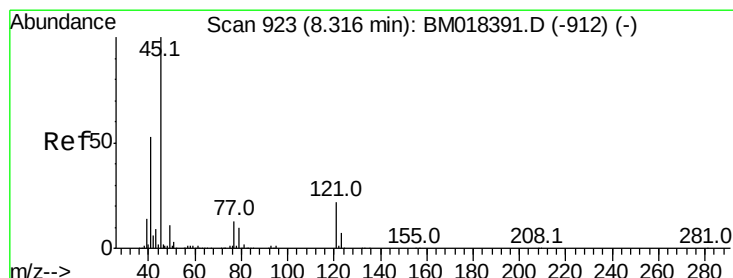
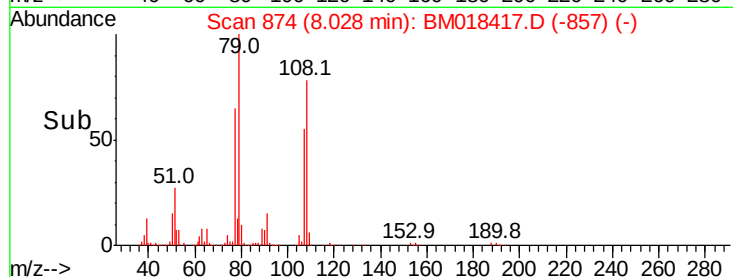
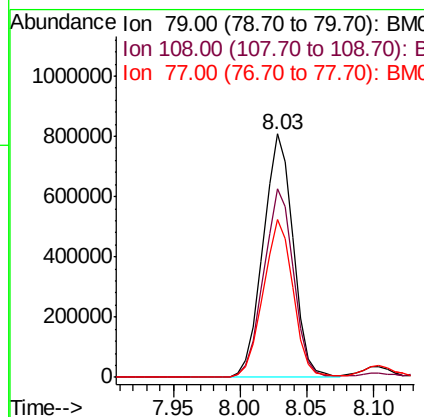
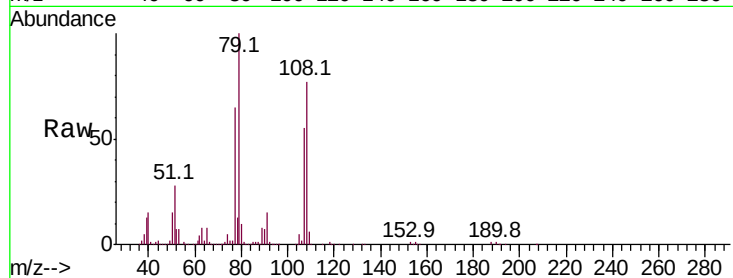
77 64.6 53.4 80.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.474 ng

RT: 8.32 min Scan# 923

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

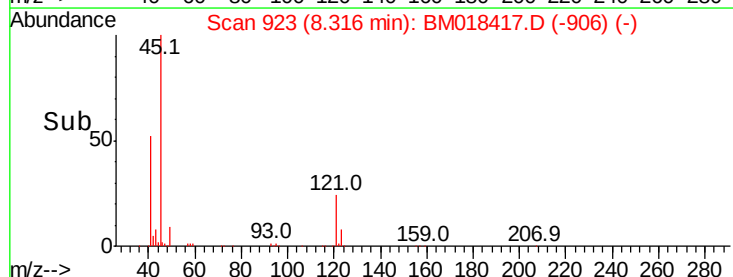
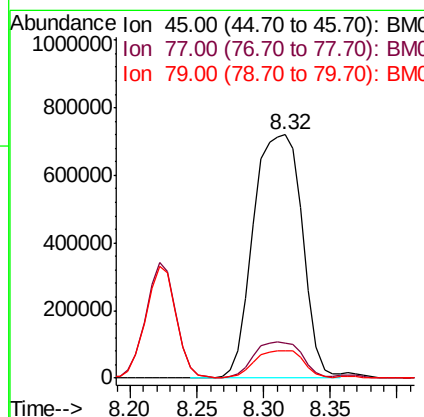
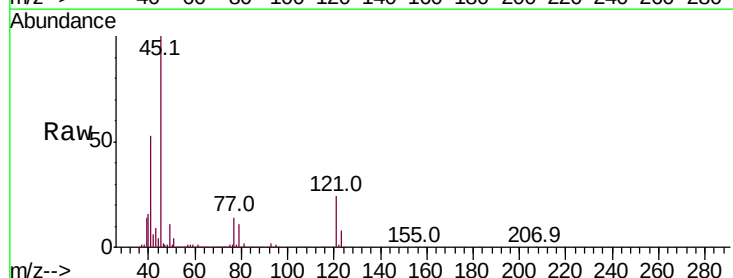
Tgt Ion: 45 Resp: 1818074

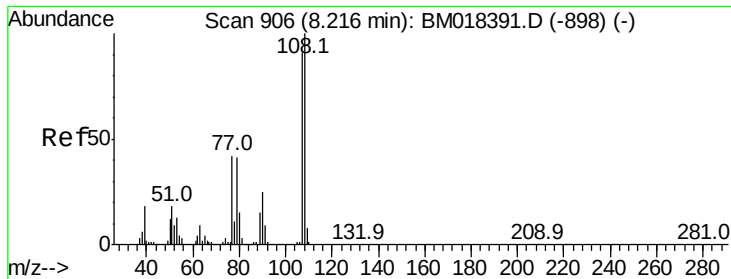
Ion Ratio Lower Upper

45 100

77 14.4 0.0 33.4

79 11.3 0.0 31.1





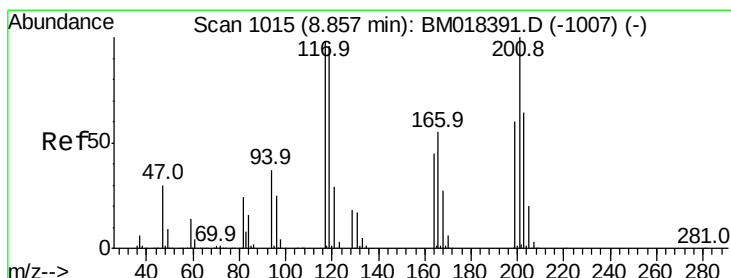
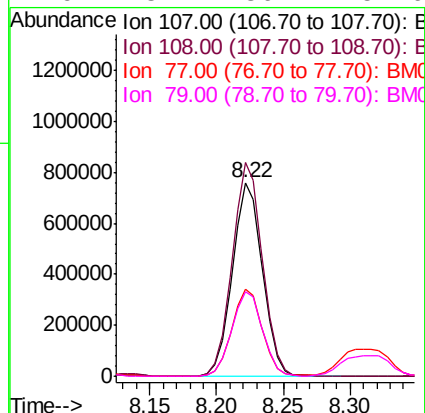
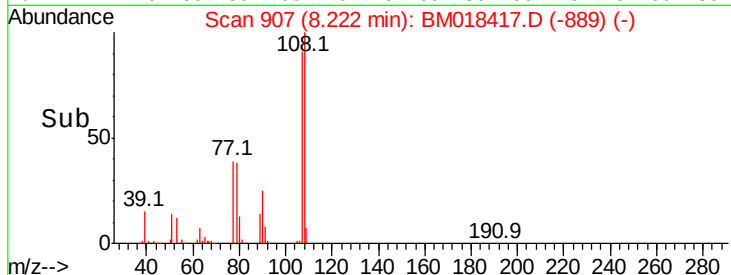
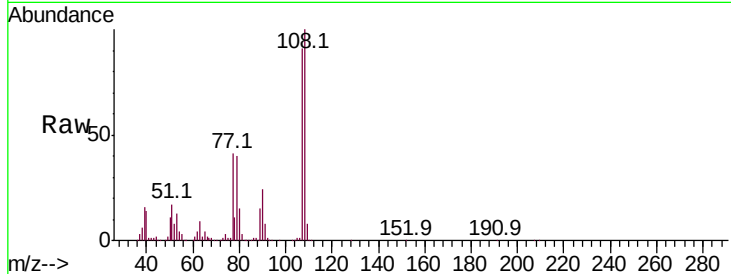
#17
2-Methylphenol
Concen: 41.764 ng
RT: 8.22 min Scan# 907
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	87.5	131.3
77	45.3	37.3	55.9
79	43.7	36.4	54.6

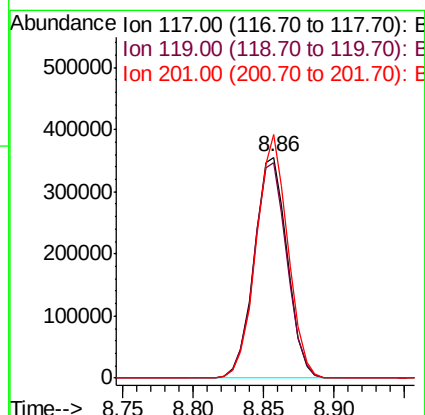
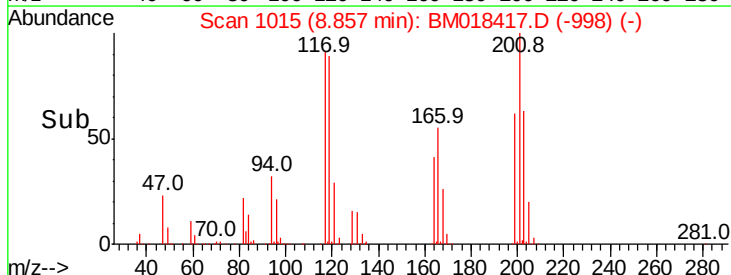
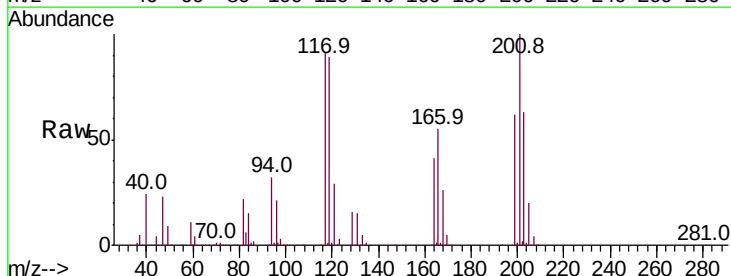
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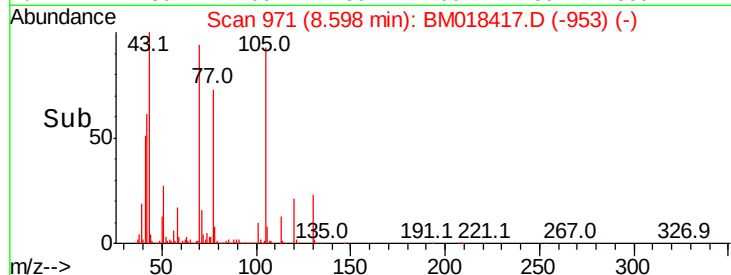
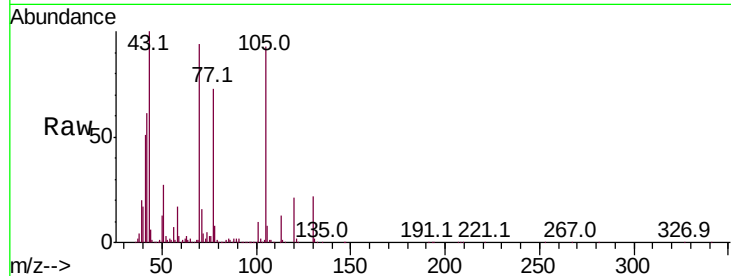
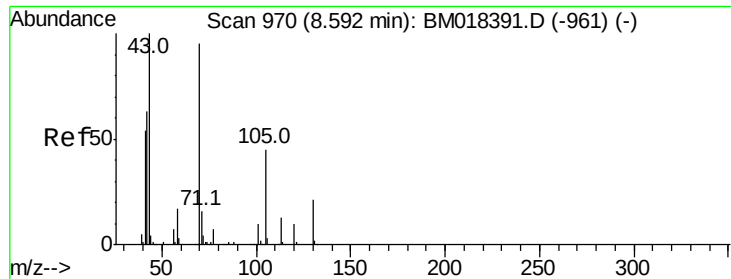
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#18
Hexachloroethane
Concen: 40.350 ng
RT: 8.86 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.3	117.5
201	110.1	81.4	122.0





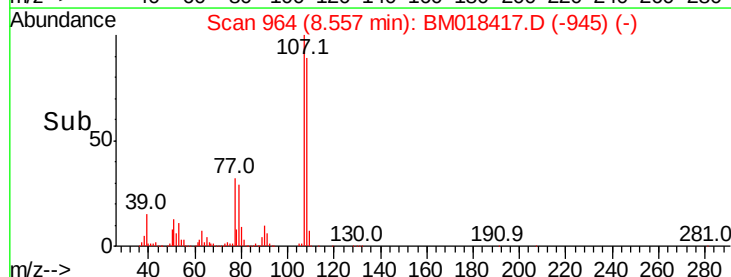
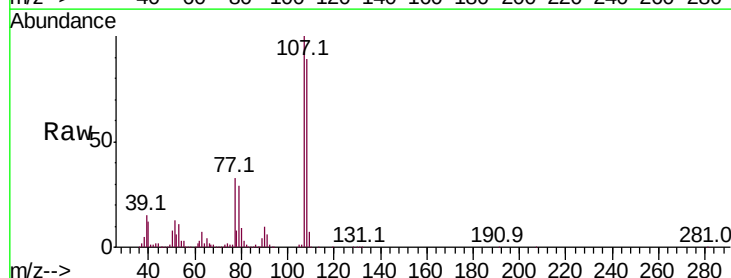
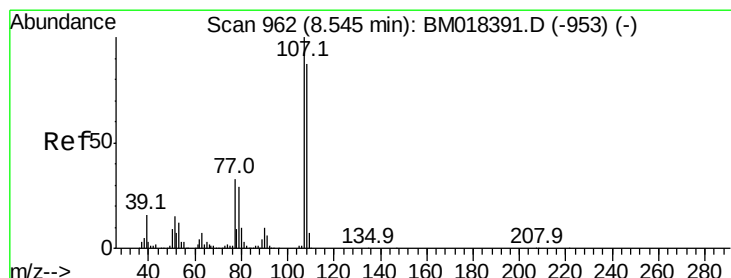
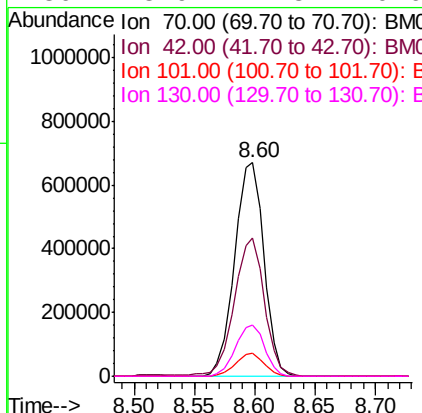
#19
n-Nitroso-di-n-propylamine
Concen: 38.173 ng
RT: 8.60 min Scan# 971
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.4	54.0	81.0	
101	11.0	8.1	12.1	
130	23.9	17.8	26.6	

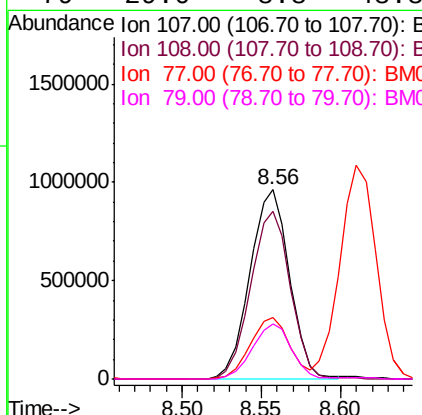
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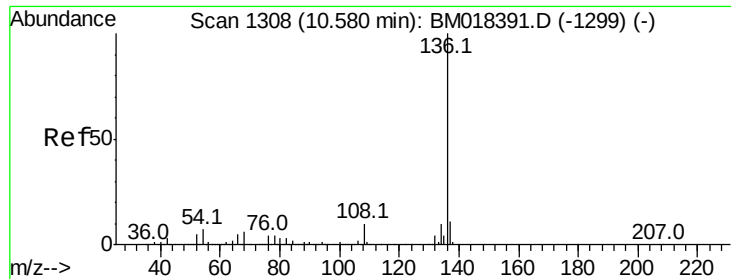
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#20
3+4-Methylphenols
Concen: 43.555 ng
RT: 8.56 min Scan# 964
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.9	66.8	106.8	
77	32.7	13.3	53.3	
79	29.0	8.8	48.8	





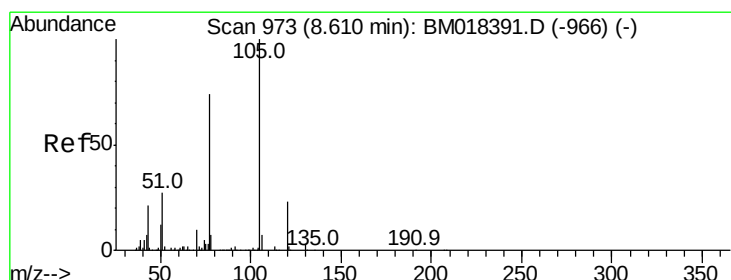
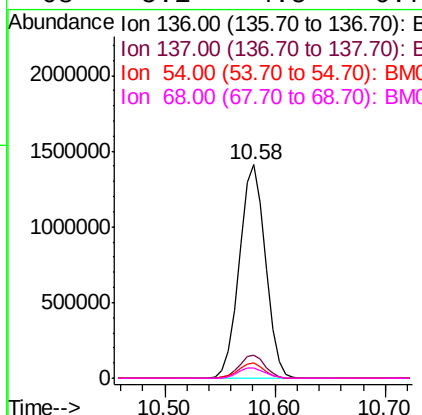
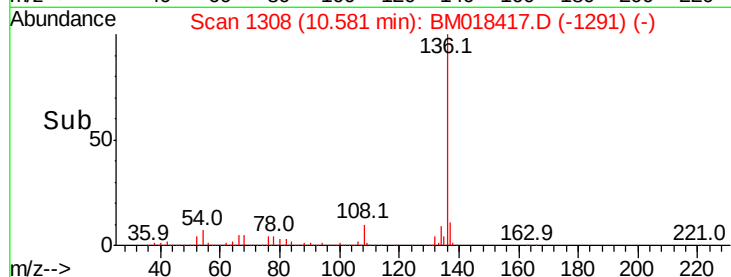
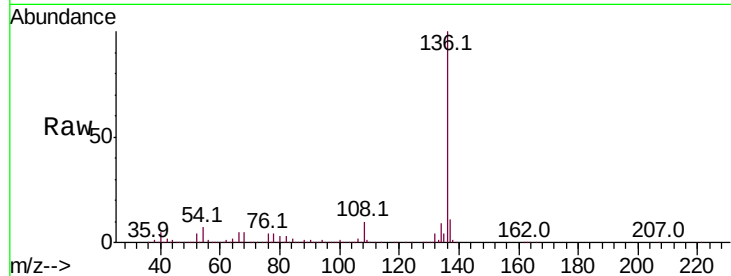
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.58 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	7.0	6.0	9.0
68	5.1	4.5	6.7

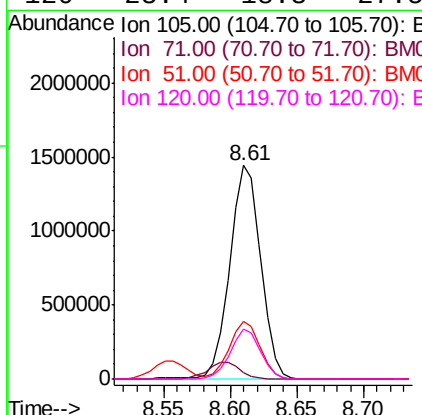
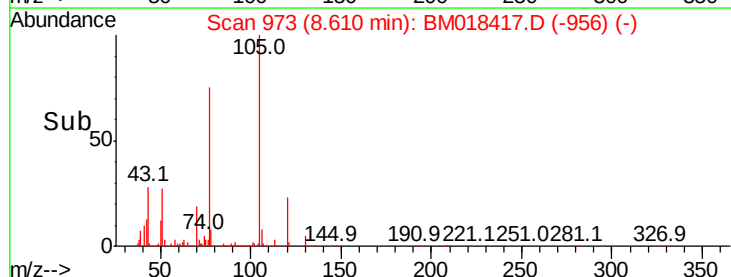
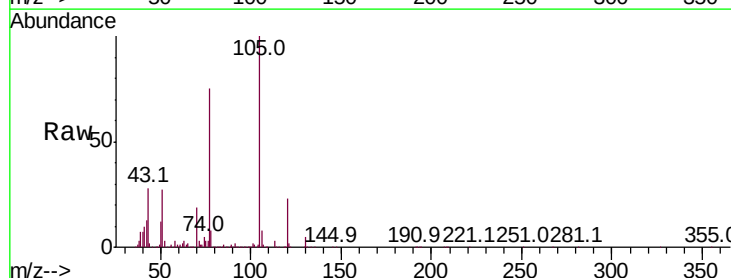
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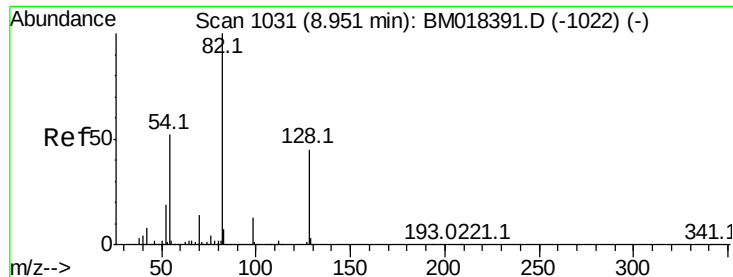
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#22
Acetophenone
Concen: 39.008 ng
RT: 8.61 min Scan# 973
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
105	100		
71	3.3	1.7	2.5#
51	26.9	22.6	34.0
120	23.4	18.3	27.5





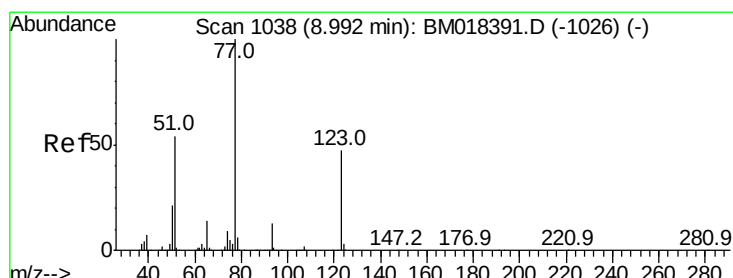
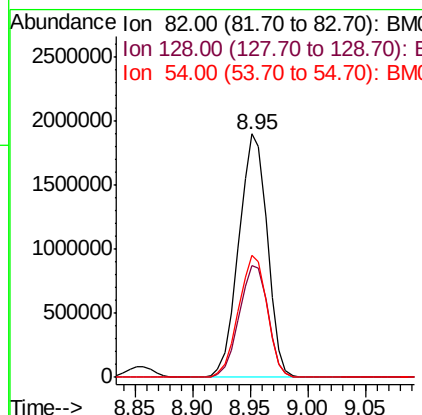
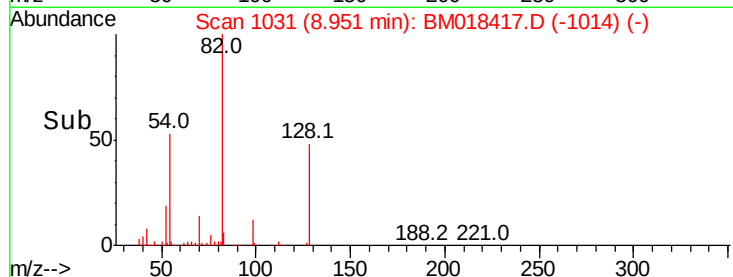
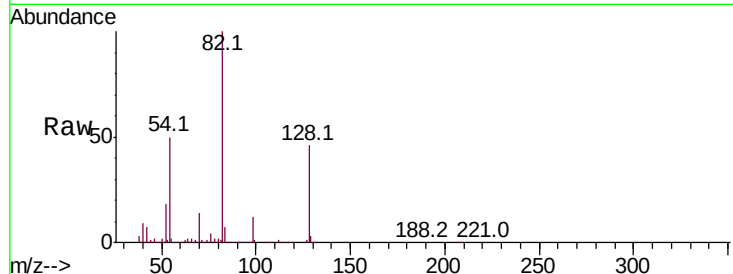
#23
Nitrobenzene-d5
Concen: 79.568 ng
RT: 8.95 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	50.2	41.7	62.5

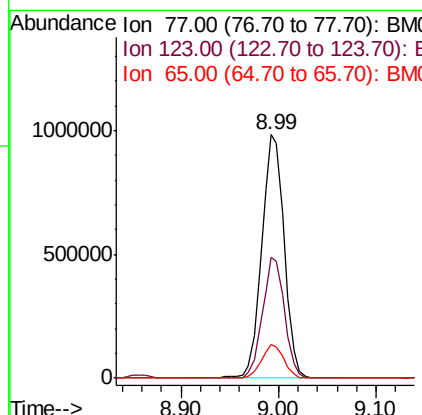
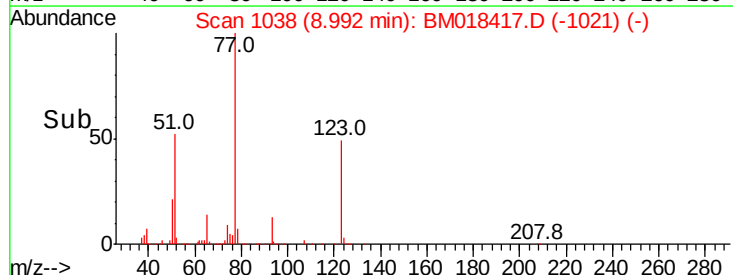
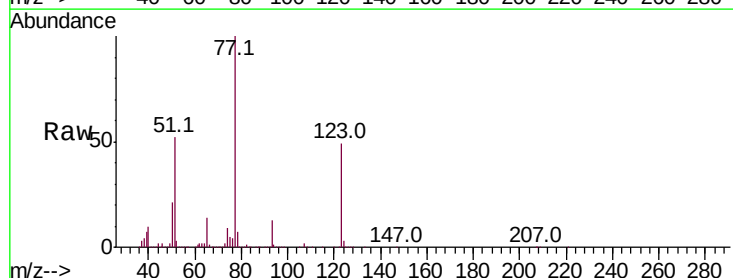
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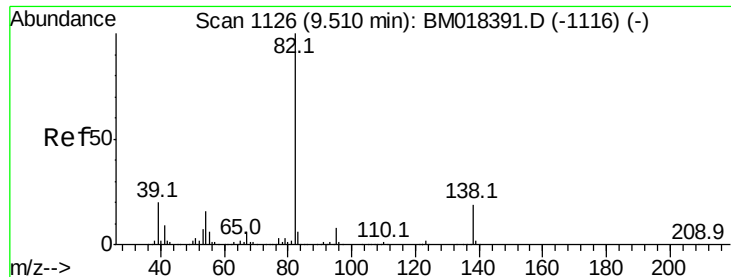
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#24
Nitrobenzene
Concen: 39.464 ng
RT: 8.99 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.7	56.5
65	14.0	11.0	16.6





#25

Isophorone

Concen: 38.683 ng

RT: 9.52 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 2736895

Ion Ratio Lower Upper

82 100

95 7.5 6.1 9.1

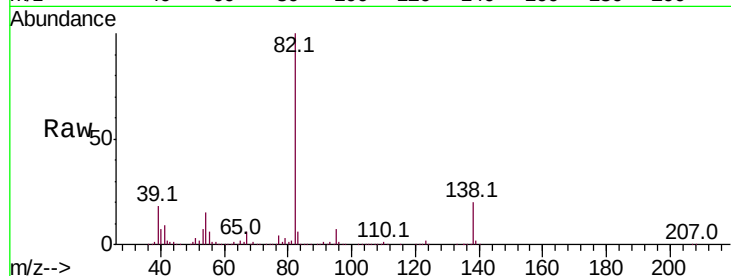
138 20.0 15.1 22.7

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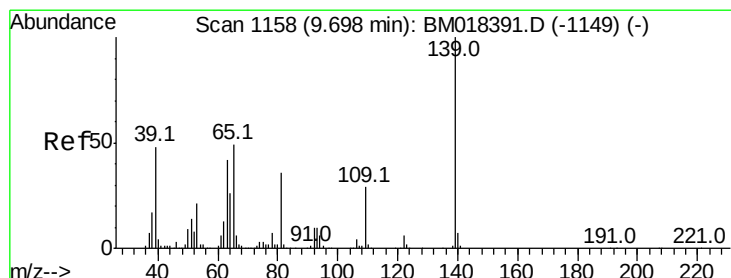
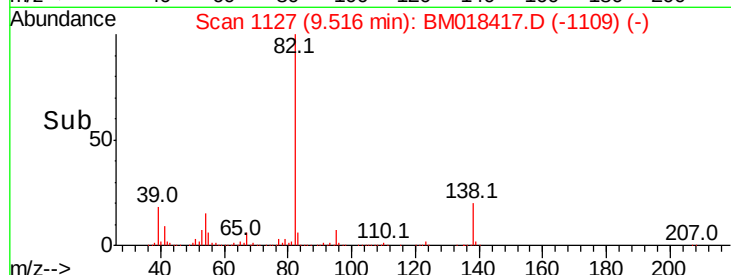
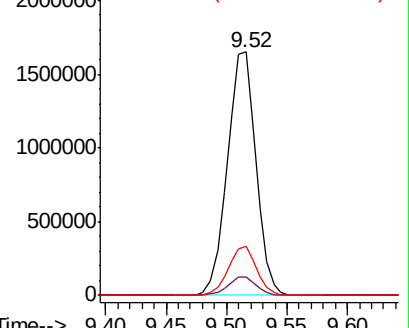
12/28/2018 12:30:34 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018391.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM018391.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM018391.D (-1116) (-)



#26

2-Nitrophenol

Concen: 46.230 ng

RT: 9.70 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

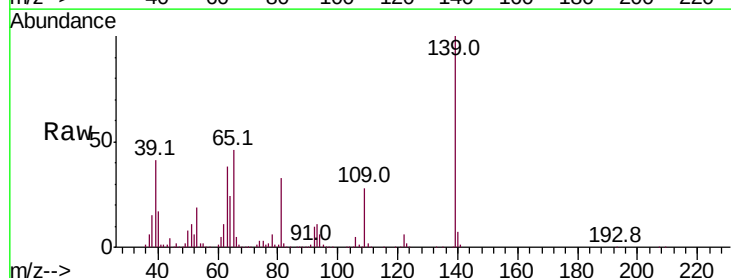
Tgt Ion: 139 Resp: 798826

Ion Ratio Lower Upper

139 100

109 28.4 23.4 35.2

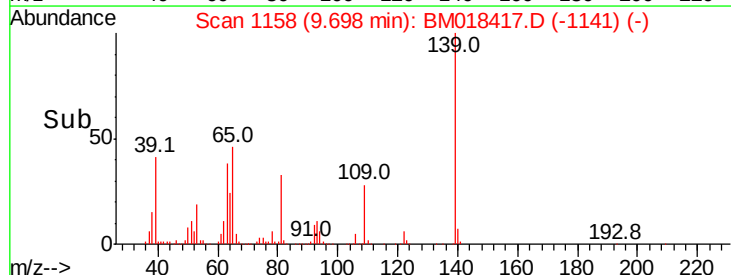
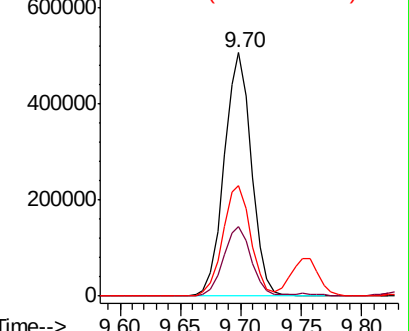
65 45.6 39.4 59.2

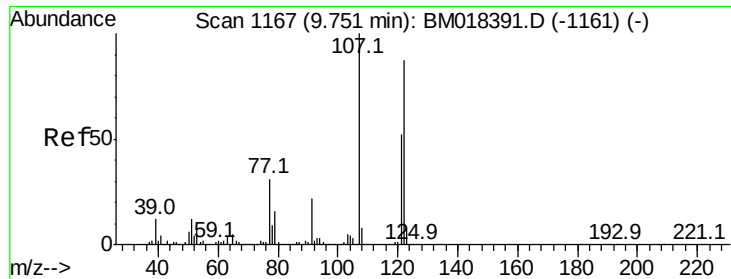


Abundance Ion 139.00 (138.70 to 139.70): BM018391.D (-1149) (-)

Ion 109.00 (108.70 to 109.70): BM018391.D (-1149) (-)

Ion 65.00 (64.70 to 65.70): BM018391.D (-1149) (-)





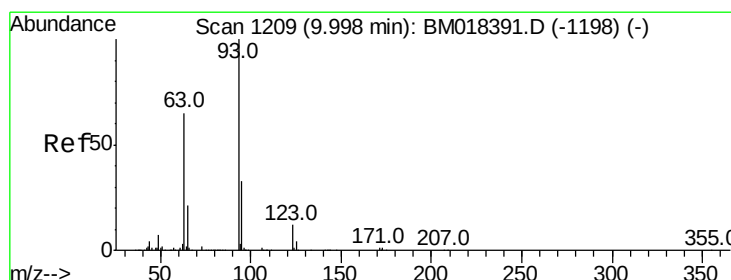
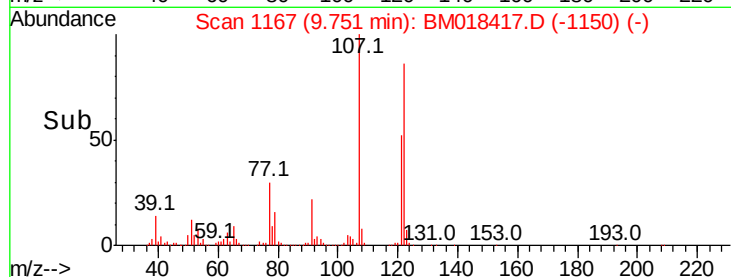
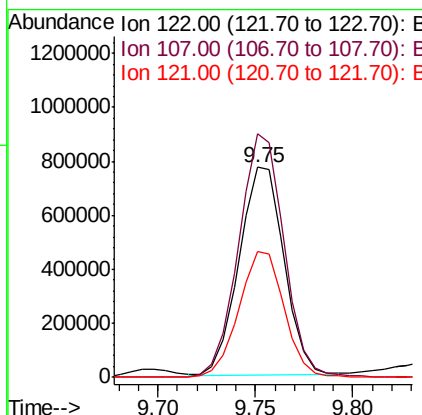
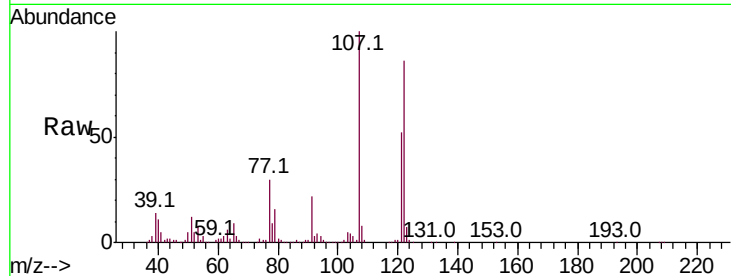
#27
 2,4-Dimethylphenol
 Concen: 41.986 ng
 RT: 9.75 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BM018417.D
 Acq: 28 Dec 2018 04:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.0	91.9	137.9
121	60.2	47.5	71.3

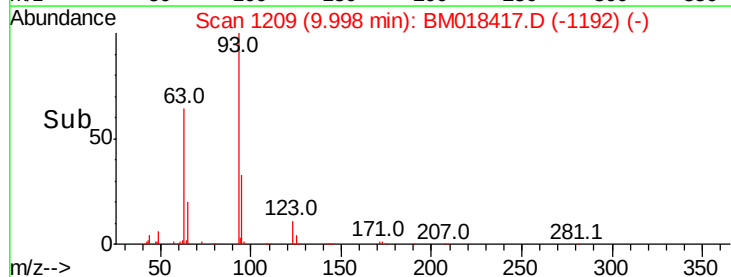
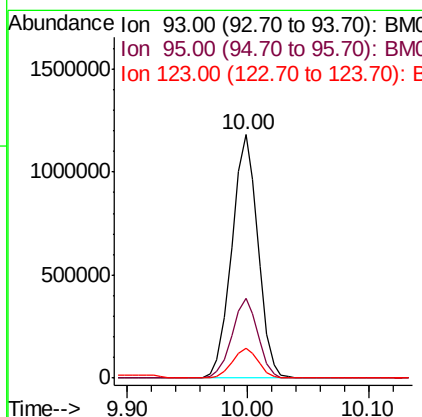
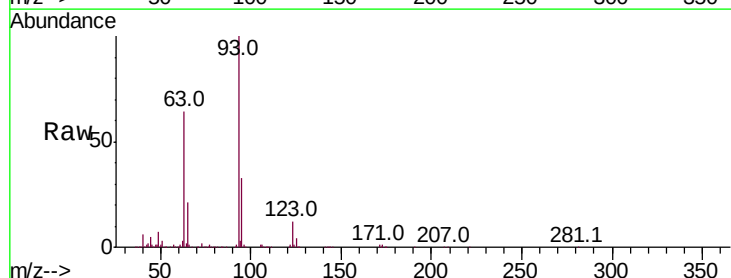
Manual Integrations
 APPROVED

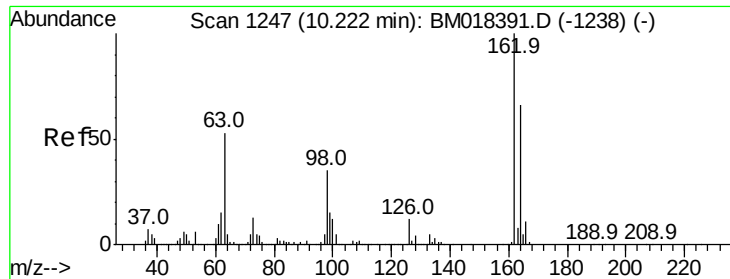
Sohil
 12/28/2018 12:30:34 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.061 ng
 RT: 10.00 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BM018417.D
 Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	39.8
123	12.5	9.9	14.9





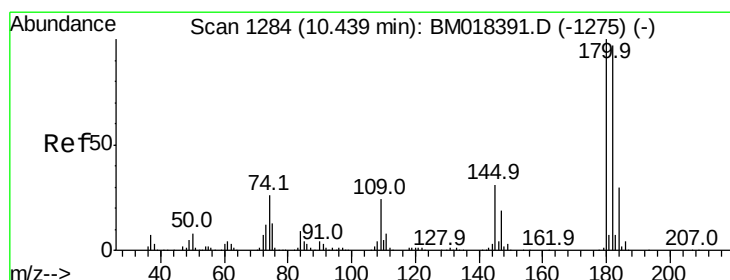
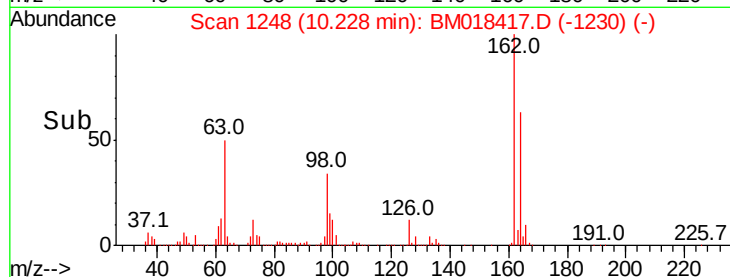
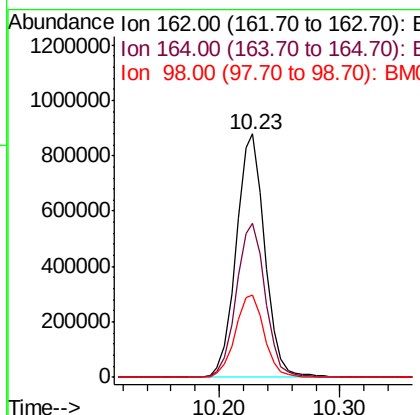
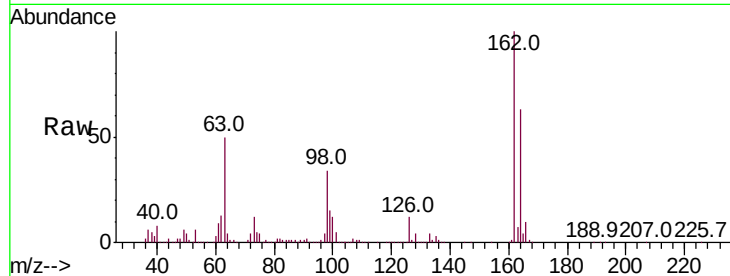
#29
2,4-Dichlorophenol
Concen: 44.750 ng
RT: 10.23 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.6	85.6
98	33.8	14.7	54.7

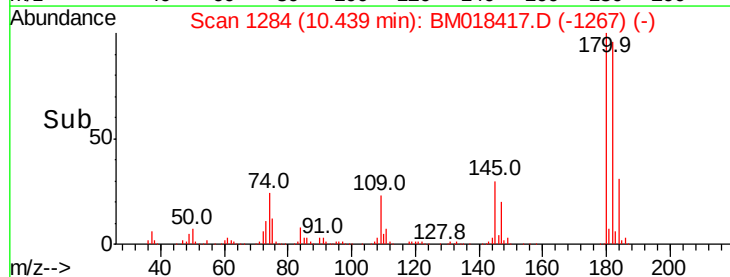
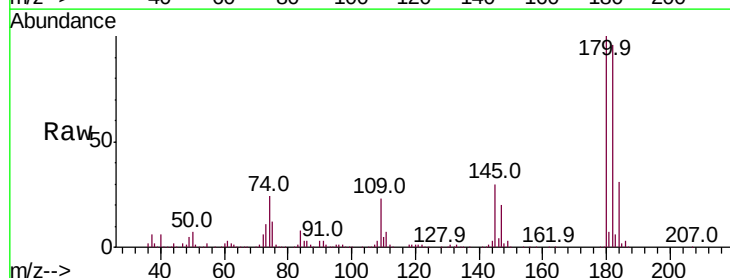
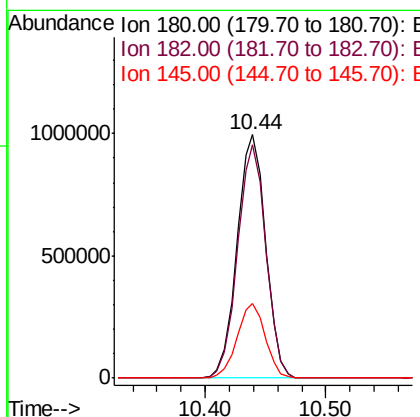
Manual Integrations
APPROVED

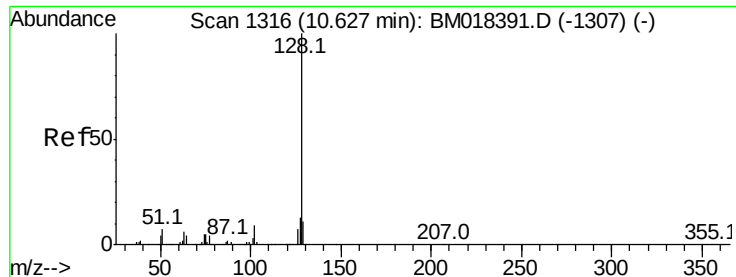
Sohil
12/28/2018 12:30:34 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.276 ng
RT: 10.44 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.4	116.2
145	30.4	24.6	37.0





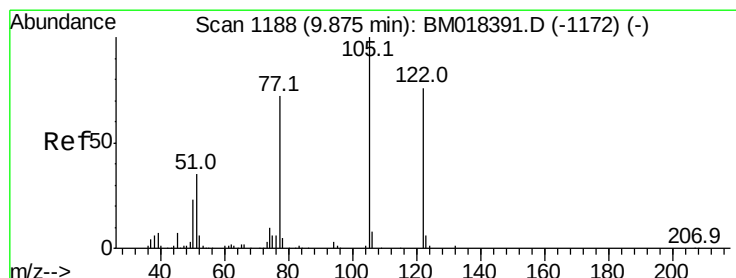
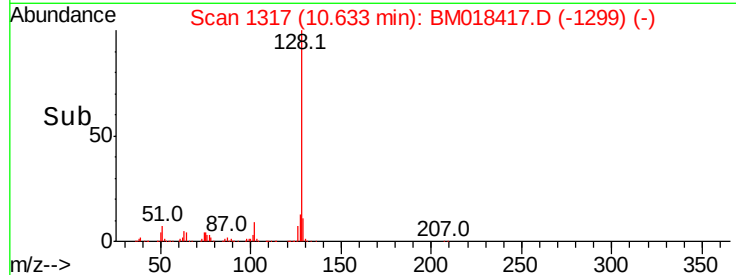
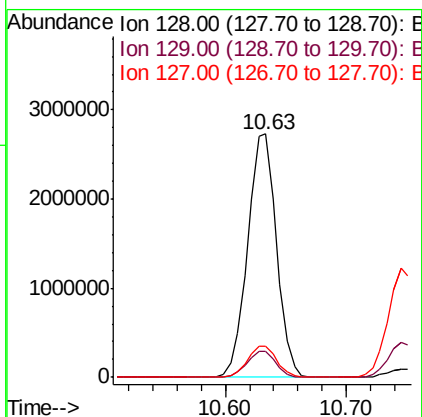
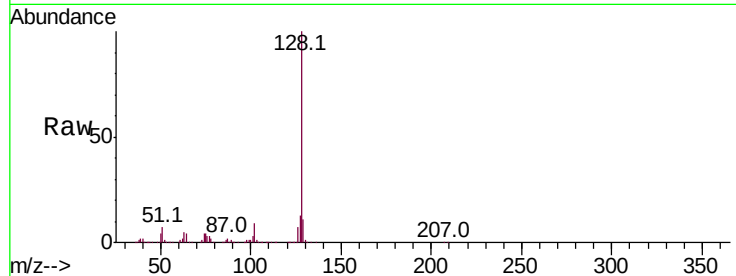
#31
Naphthalene
Concen: 40.241 ng
RT: 10.63 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 4540547
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.9 10.8 16.2

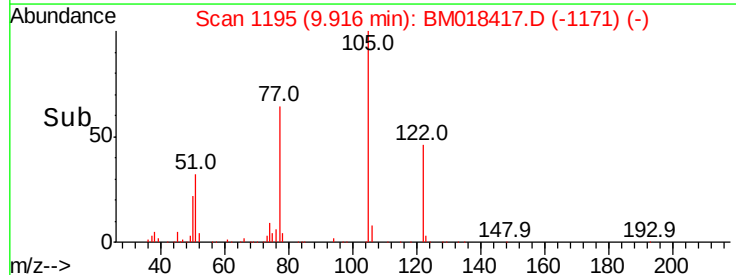
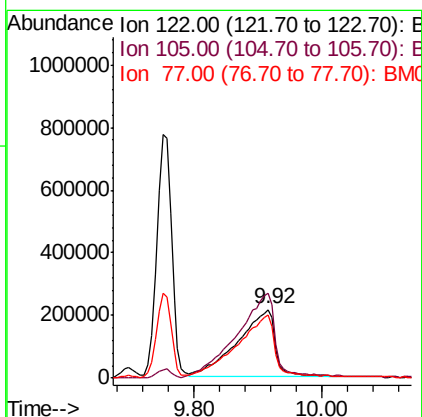
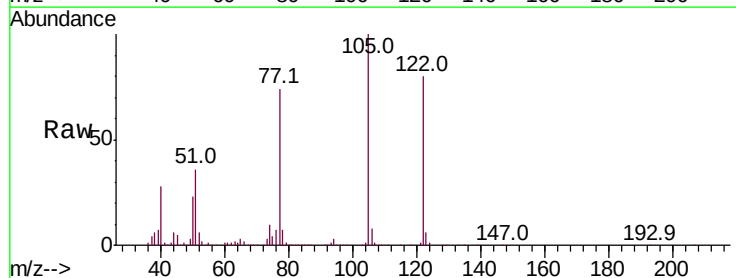
Manual Integrations
APPROVED

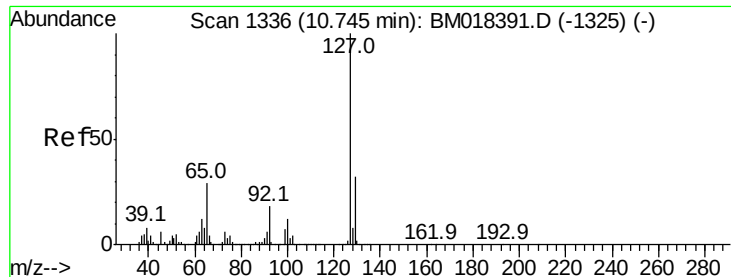
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#32
Benzoic acid
Concen: 49.950 ng m
RT: 9.92 min Scan# 1195
Delta R.T. 0.04 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion:122 Resp: 879124
Ion Ratio Lower Upper
122 100
105 124.4 100.4 140.4
77 91.9 71.7 111.7





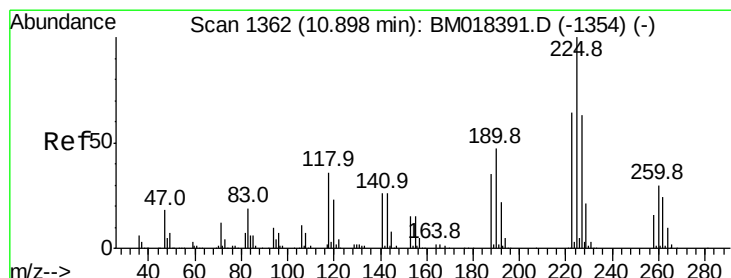
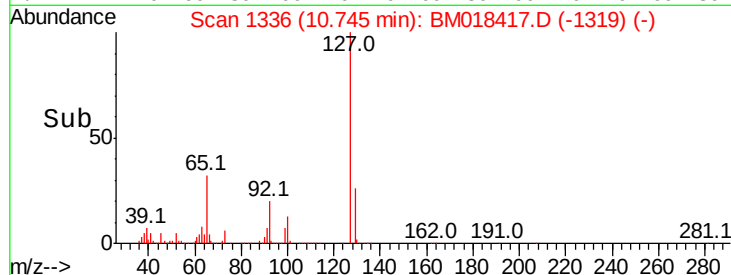
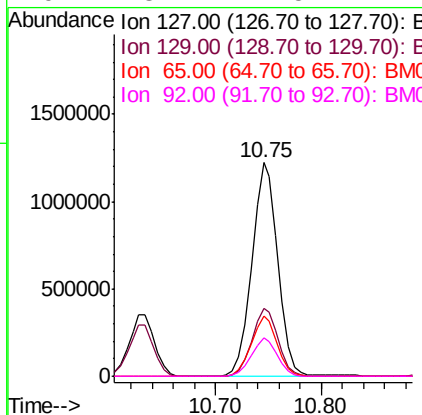
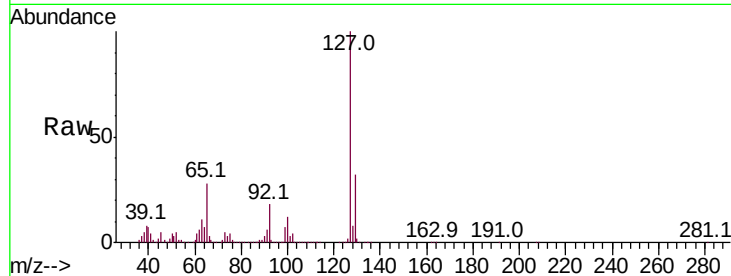
#33
4-Chloroaniline
Concen: 40.316 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	31.6	25.9	38.9	
65	28.4	23.4	35.2	
92	18.1	14.5	21.7	

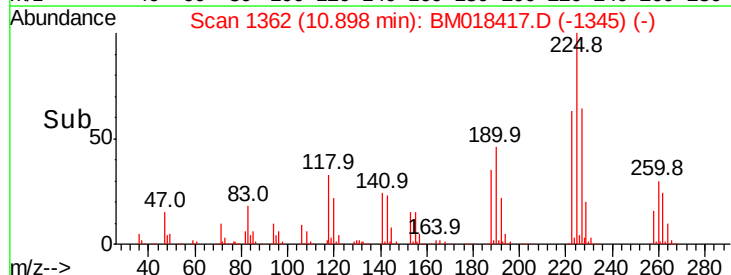
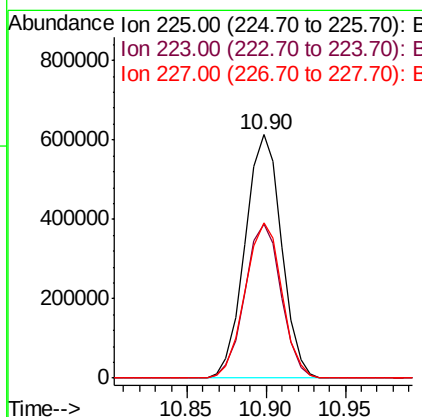
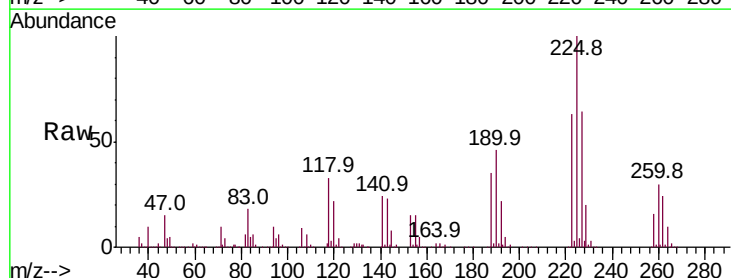
Manual Integrations
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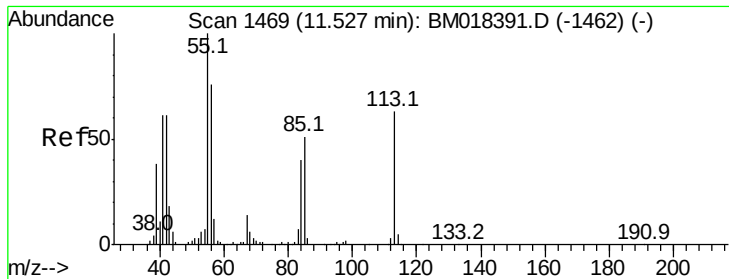
Sohil
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#34
Hexachlorobutadiene
Concen: 40.665 ng
RT: 10.90 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.2	50.8	76.2	
227	63.5	50.4	75.6	





#35

Caprolactam

Concen: 45.238 ng/mL

RT: 11.56 min Scan# 1474

Delta R.T. 0.03 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

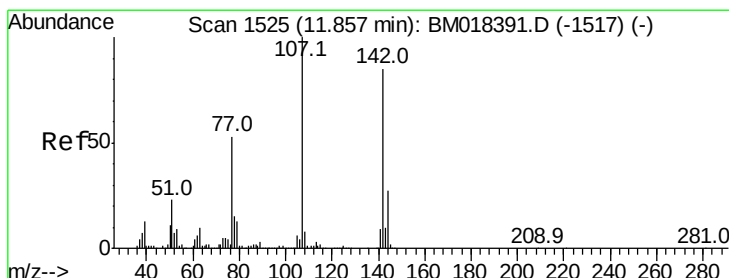
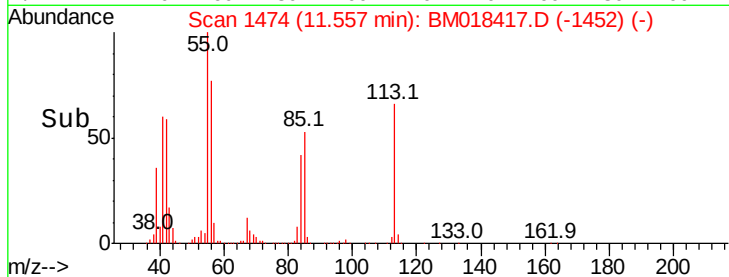
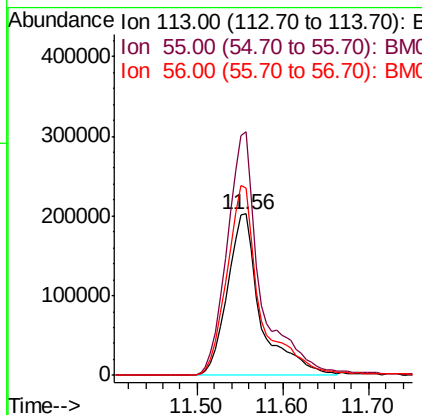
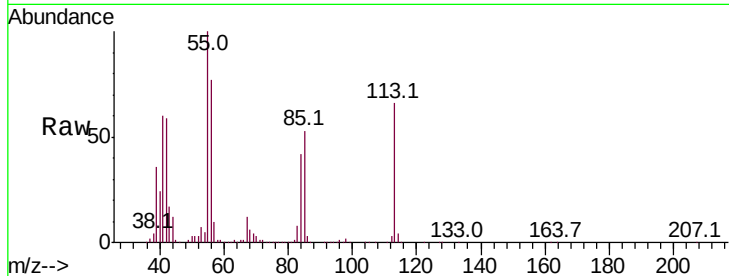
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	541885
Ion Ratio	Lower	Upper	
113	100		
55	151.1	139.3	179.3
56	116.1	101.4	141.4

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 43.790 ng/mL

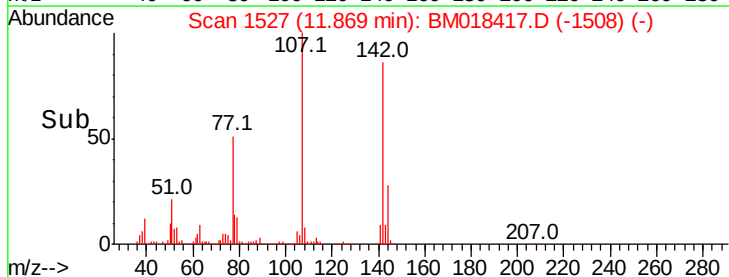
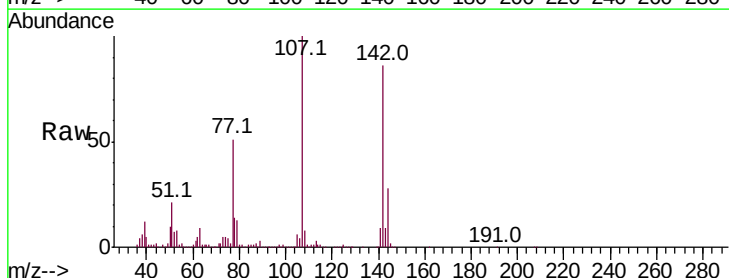
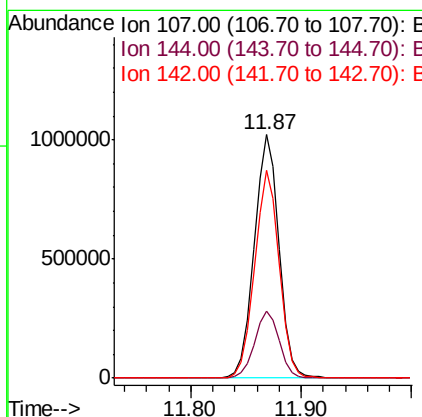
RT: 11.87 min Scan# 1527

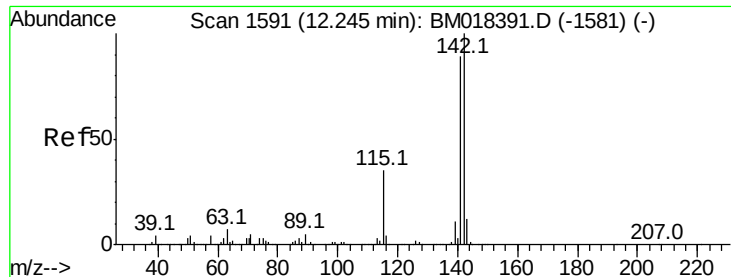
Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Tgt Ion:	107	Resp:	1608846
Ion Ratio	Lower	Upper	
107	100		
144	27.7	21.9	32.9
142	85.5	67.9	101.9





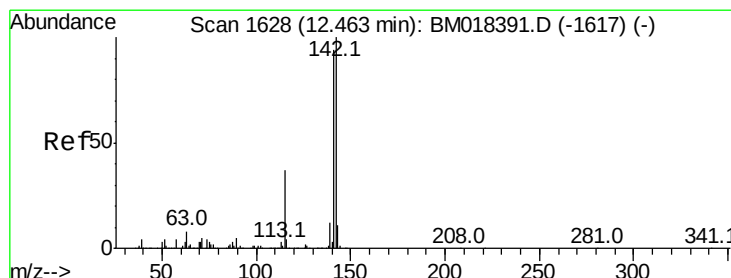
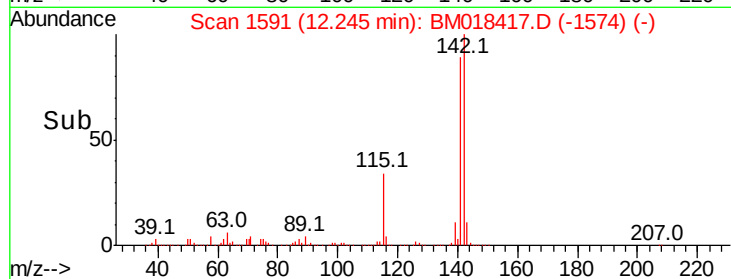
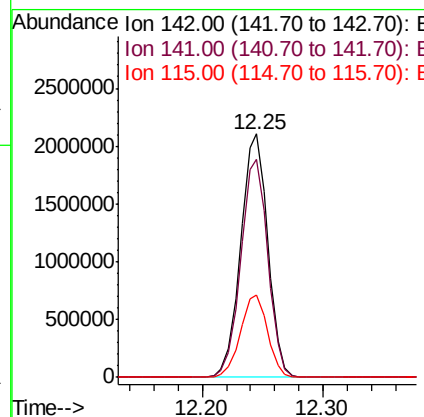
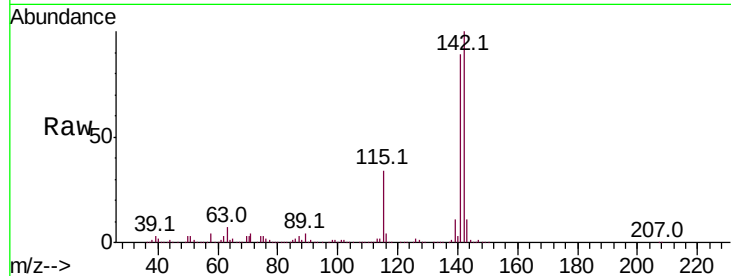
#37
2-Methylnaphthalene
Concen: 39.789 ng
RT: 12.25 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	33.7	28.0	42.0

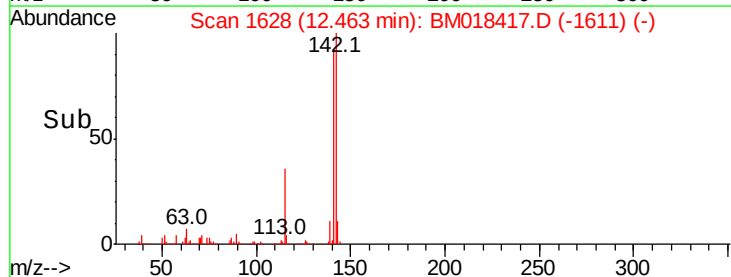
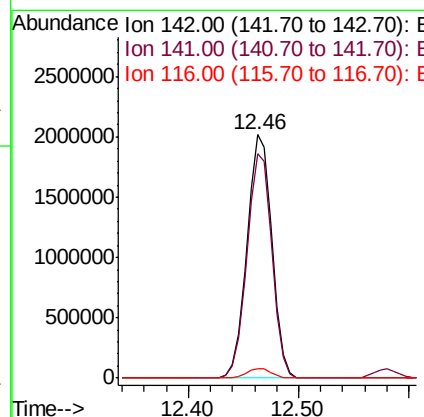
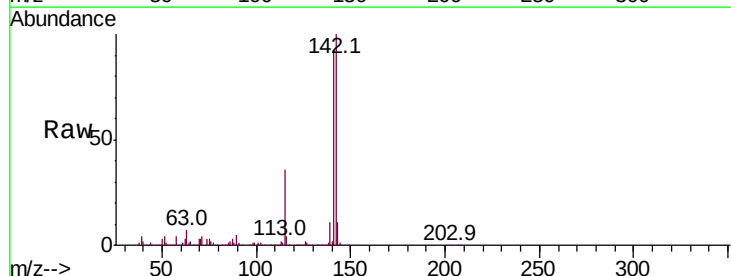
Manual Integrations
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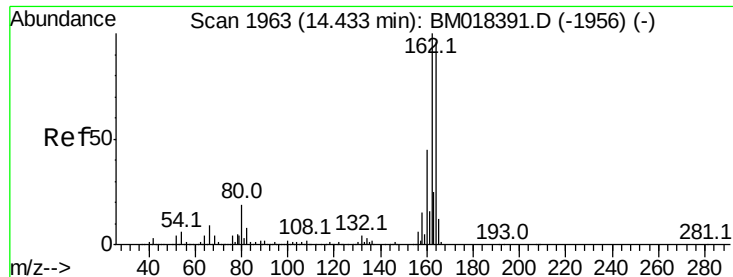
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#38
1-Methylnaphthalene
Concen: 39.676 ng
RT: 12.46 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	75.6	113.4
116	3.9	3.0	4.6





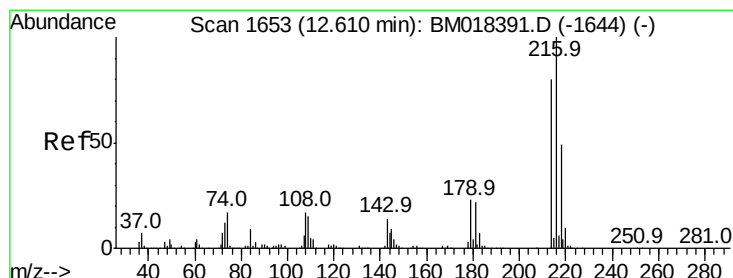
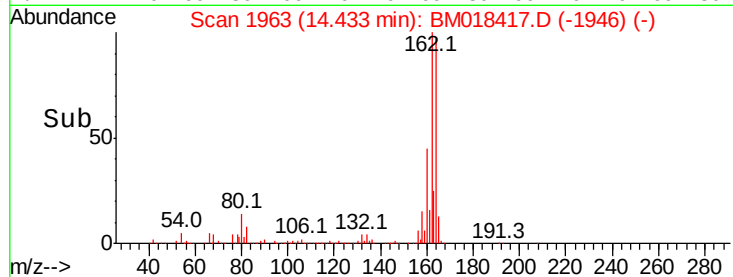
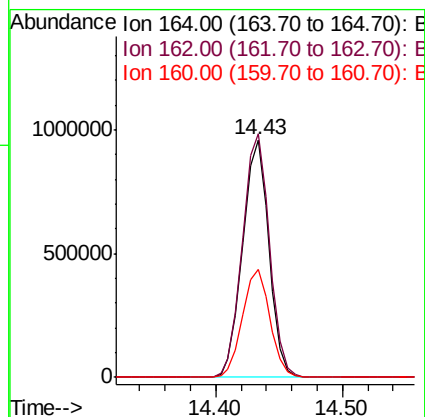
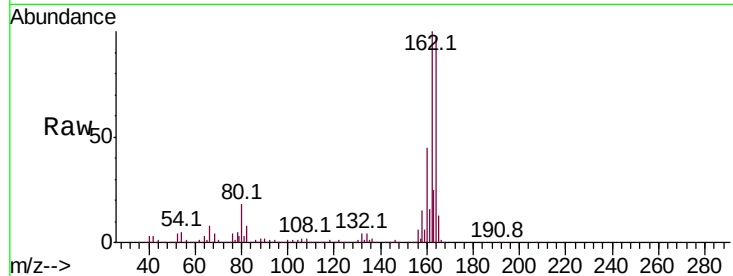
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.0	124.4
160	45.7	37.1	55.7

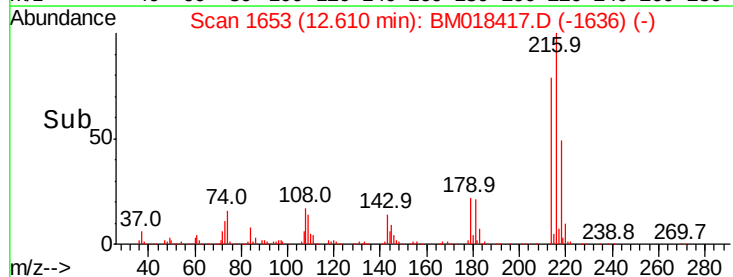
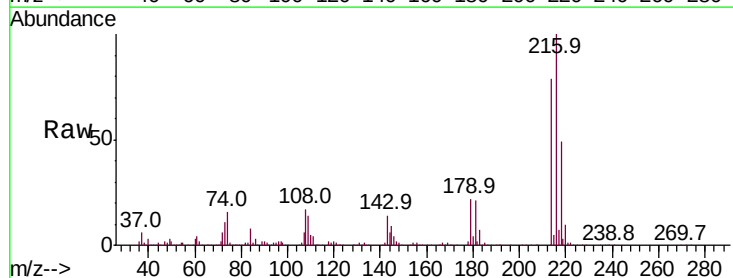
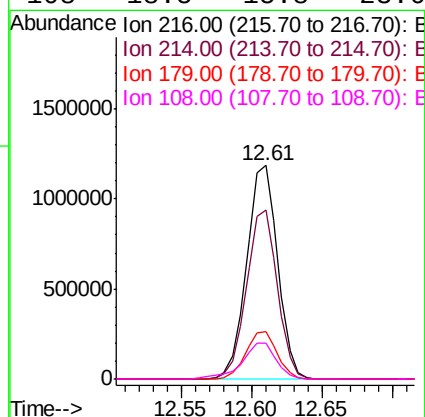
Manual Integrations
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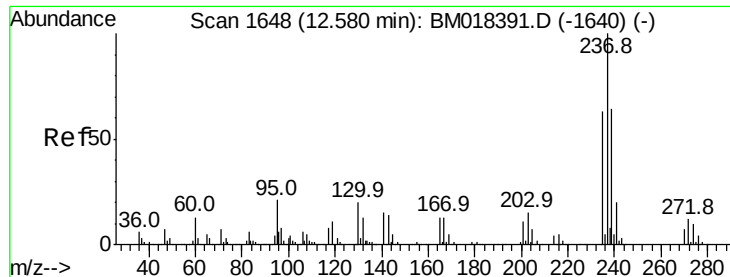
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.475 ng
RT: 12.61 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.0
179	22.3	17.9	26.9
108	18.5	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 41.730 ng

RT: 12.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

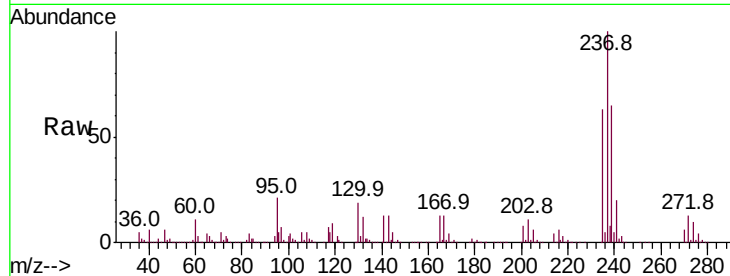
ClientSampleId :

SSTDCCC040

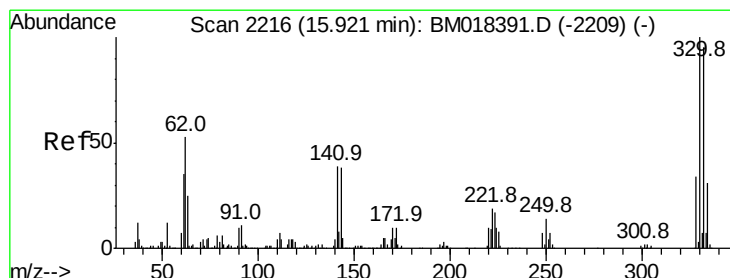
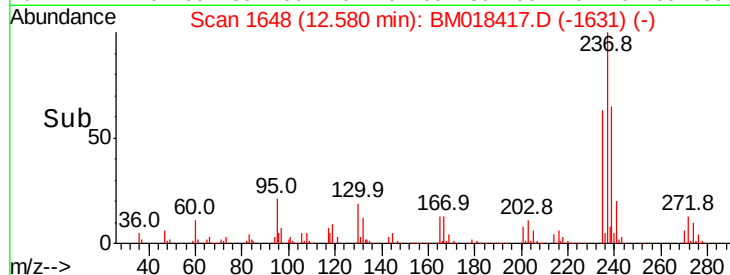
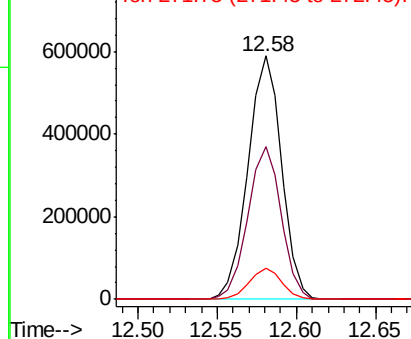
Tot Ion:	237	Resp:	868328
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.8	82.8
272	12.6	0.0	31.9

Manual Integrations
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12/28/2018 12:30:34 PM



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



#42

2,4,6-Tribromophenol

Concen: 86.902 ng

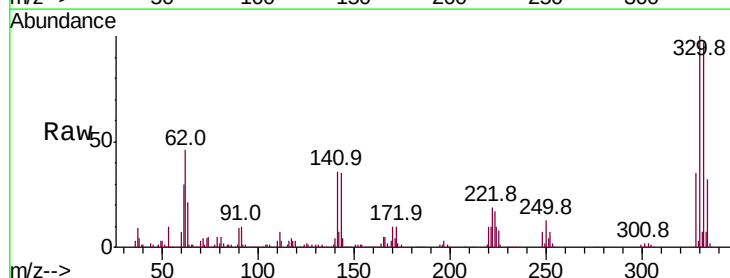
RT: 15.93 min Scan# 2217

Delta R.T. 0.01 min

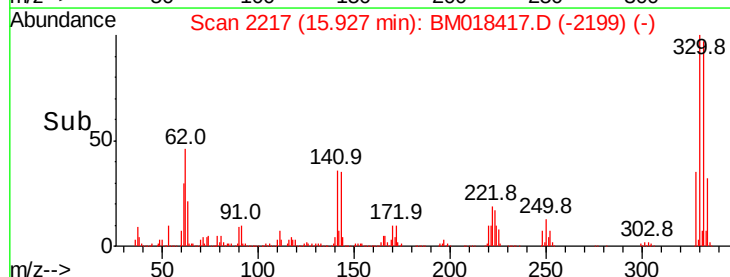
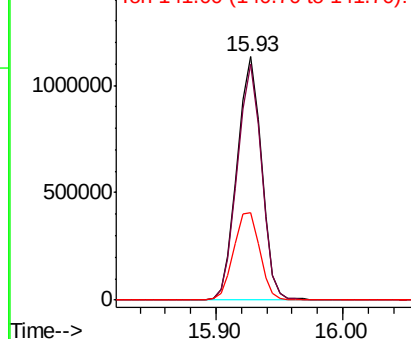
Lab File: BM018417.D

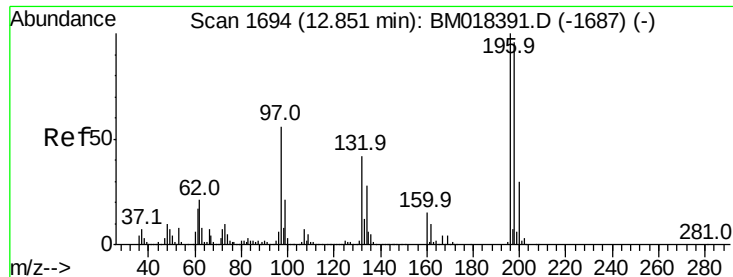
Acq: 28 Dec 2018 04:15

Tgt Ion:	330	Resp:	1513581
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.6	116.4
141	38.5	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





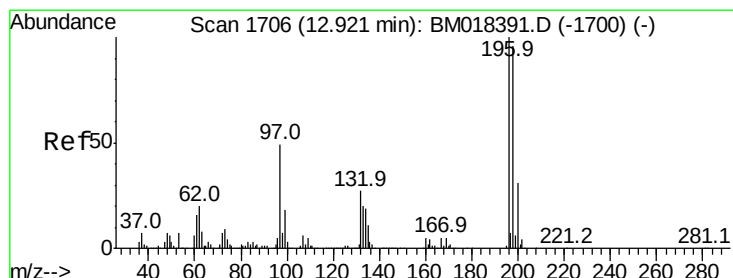
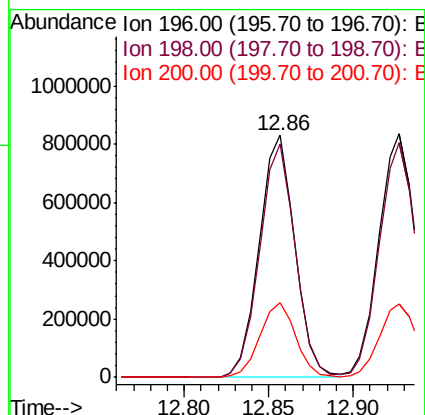
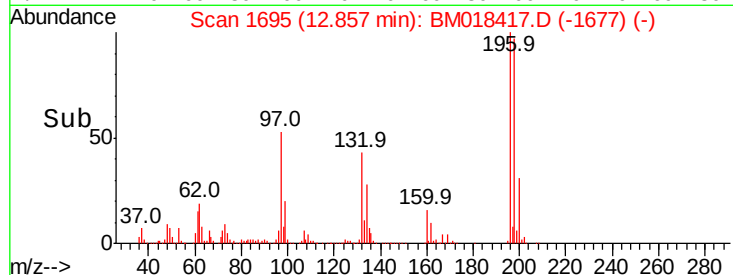
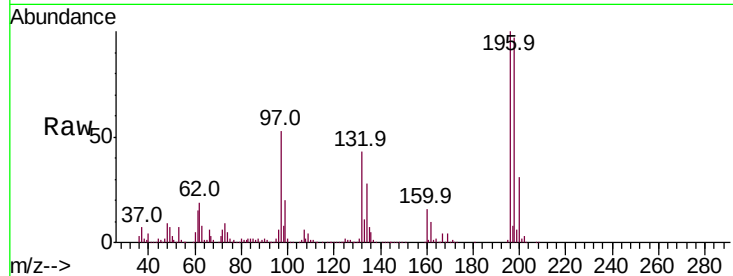
#43
 2,4,6-Trichlorophenol
 Concen: 49.989 ng
 RT: 12.86 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BM018417.D
 Acq: 28 Dec 2018 04:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.6	115.0
200	31.0	24.2	36.4

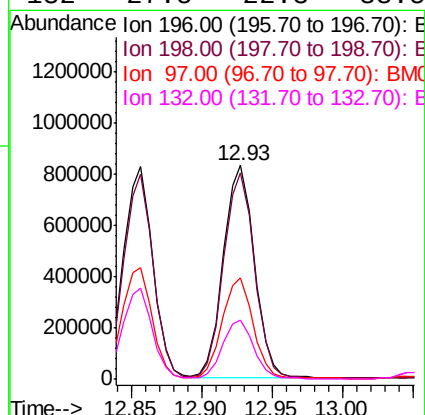
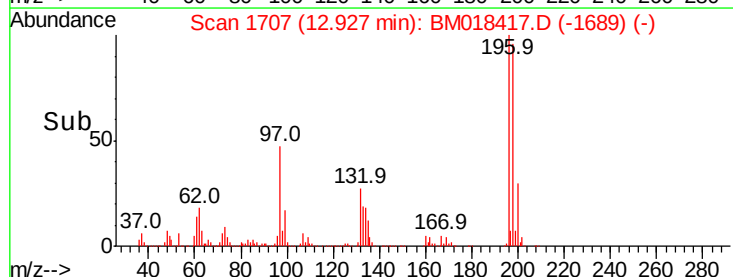
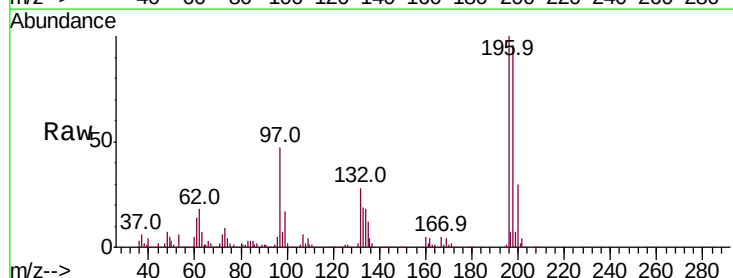
Manual Integrations
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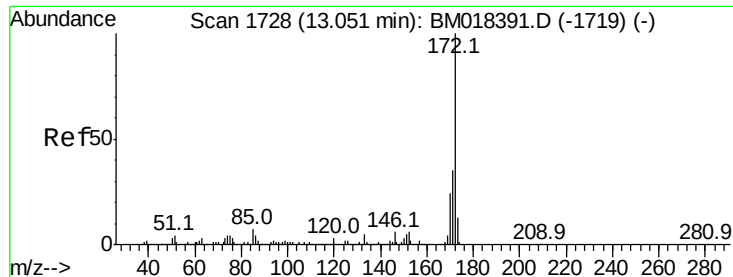
Sohil
 12/28/2018 12:30:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.746 ng
 RT: 12.93 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: BM018417.D
 Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.7	115.1
97	47.1	39.2	58.8
132	27.5	22.3	33.5





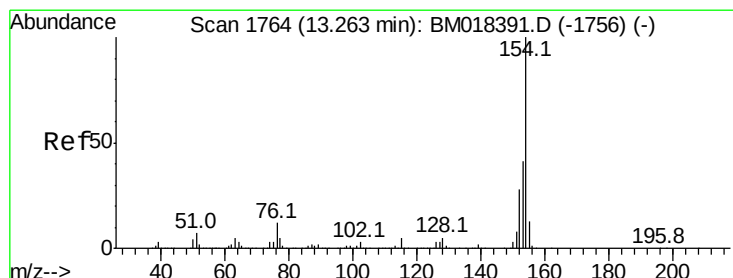
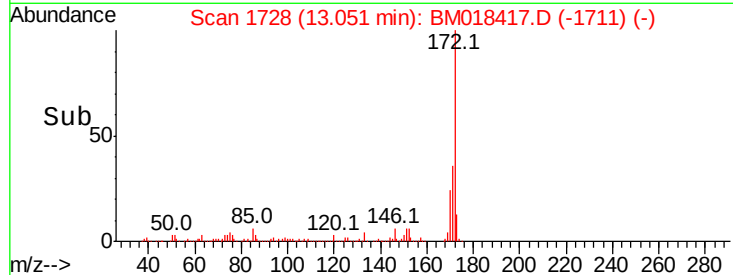
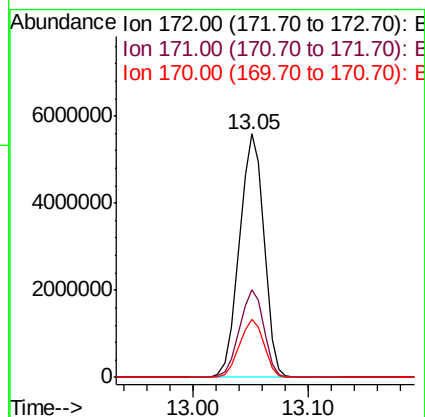
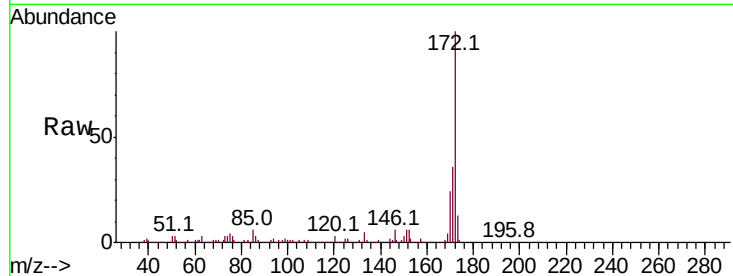
#45
2-Fluorobiphenyl
Concen: 81.075 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.6	18.9	28.3

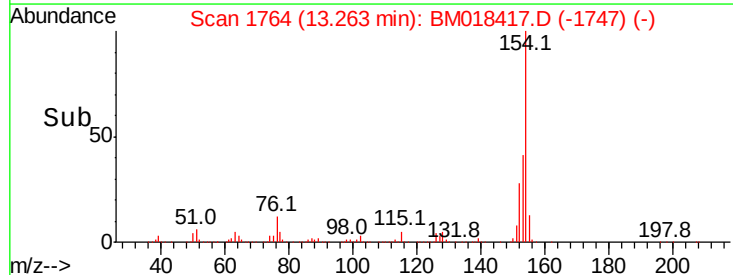
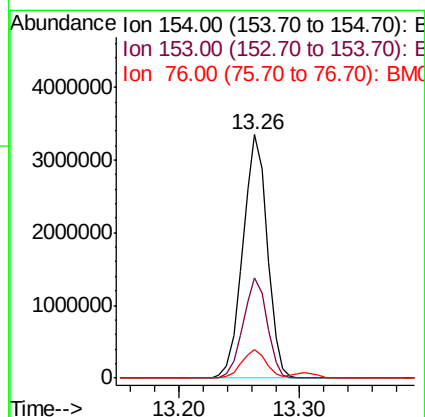
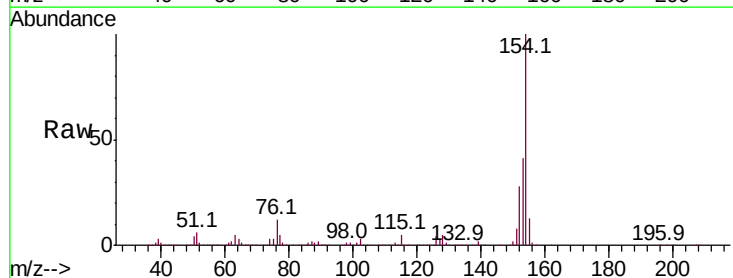
Manual Integrations
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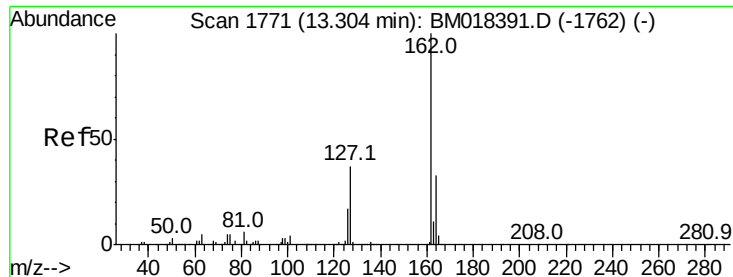
Sohil
12/28/2018 12:30:34 PM



#46
1,1'-Biphenyl
Concen: 40.360 ng
RT: 13.26 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.5	60.5
76	11.7	0.0	31.9





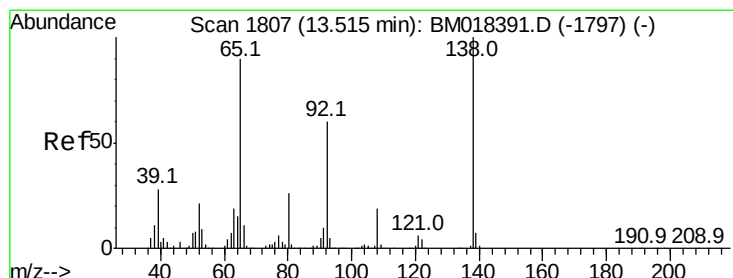
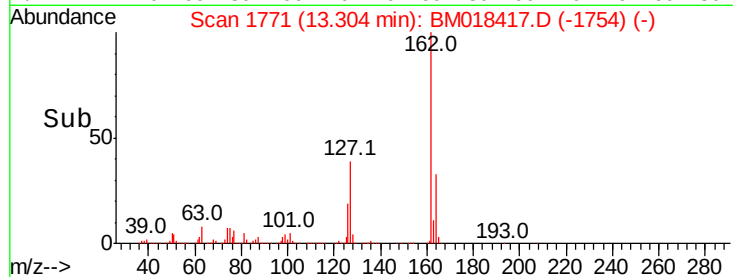
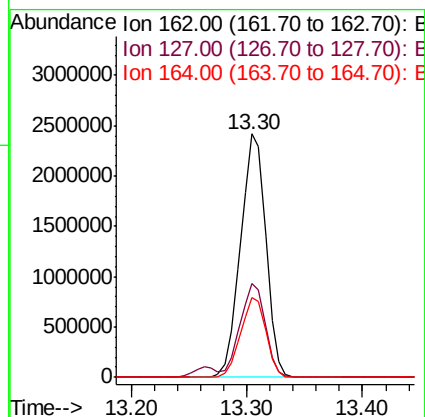
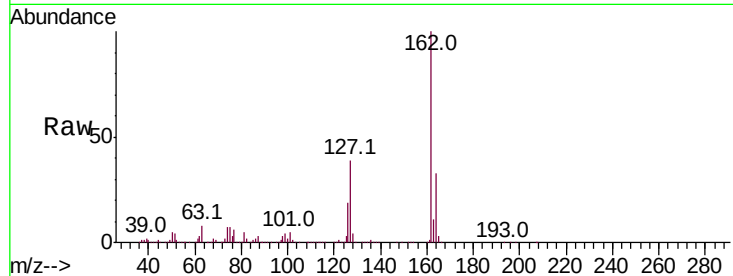
#47
2-Chloronaphthalene
Concen: 40.910 ng
RT: 13.30 min Scan# 1771
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.6	31.4	47.0
164	32.7	26.2	39.4

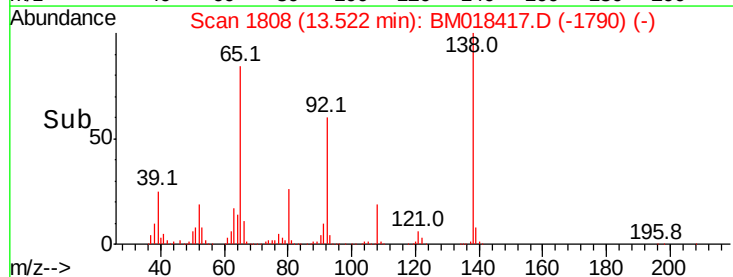
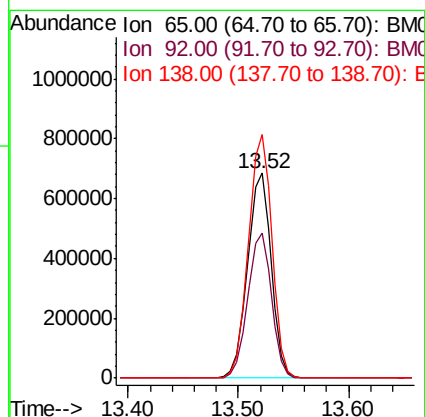
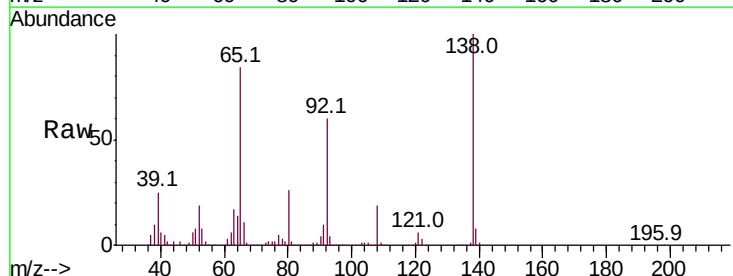
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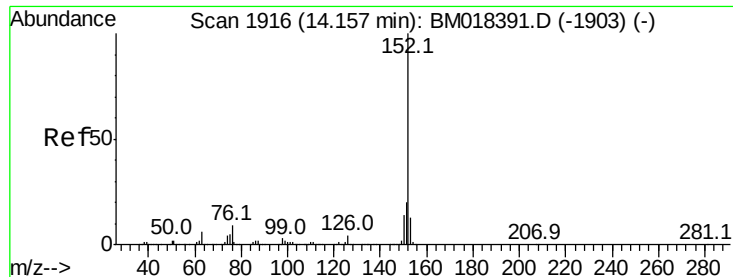
Sohil
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#48
2-Nitroaniline
Concen: 43.128 ng
RT: 13.52 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	53.4	80.2
138	118.8	88.9	133.3





#49

Acenaphthylene

Concen: 40.281 ng

RT: 14.16 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

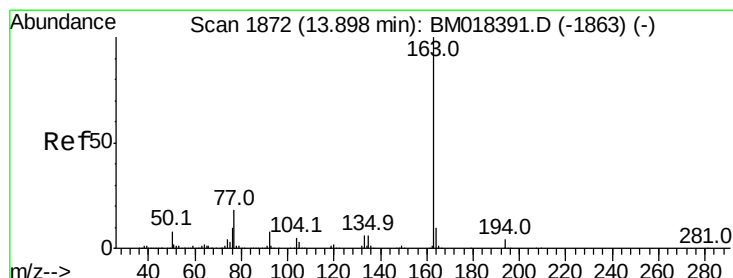
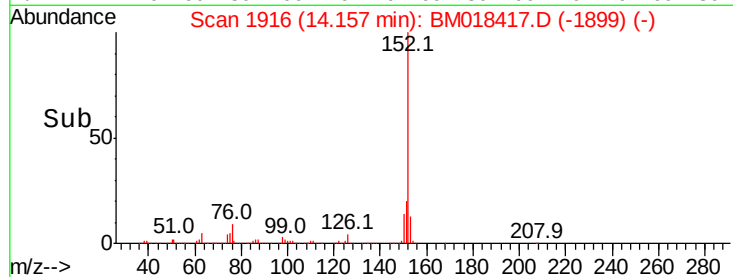
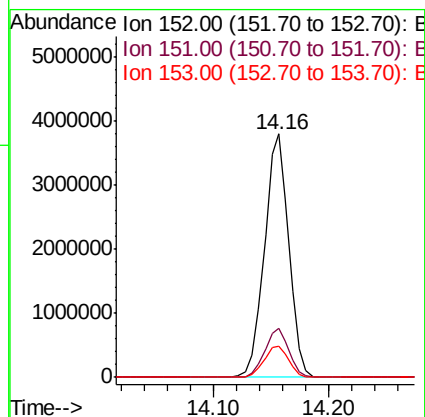
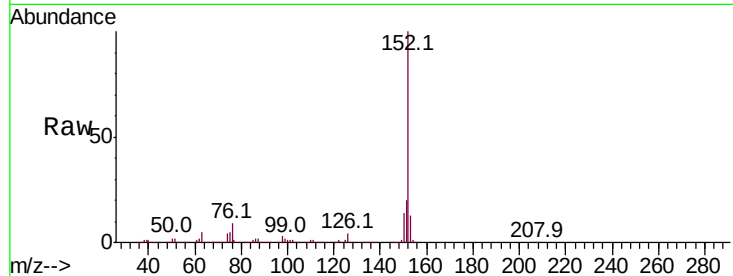
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	5563882
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	12.9	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.167 ng

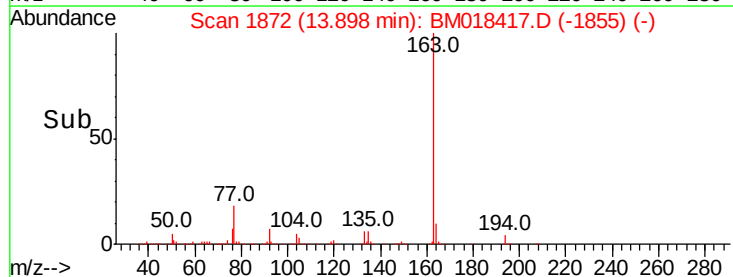
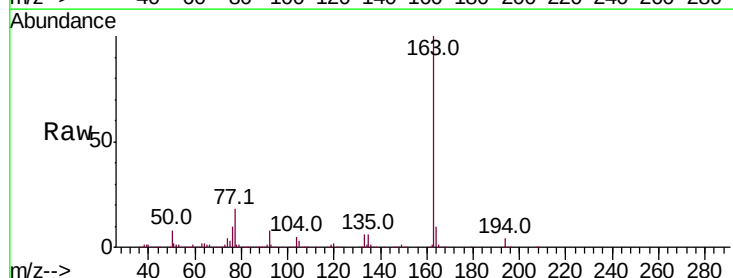
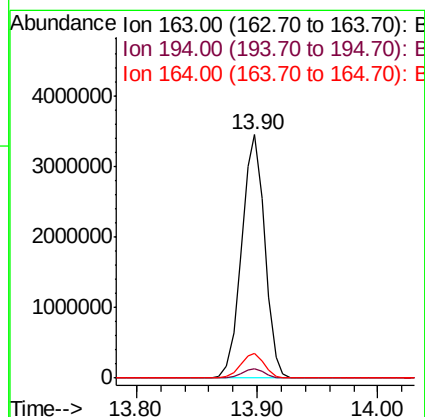
RT: 13.90 min Scan# 1872

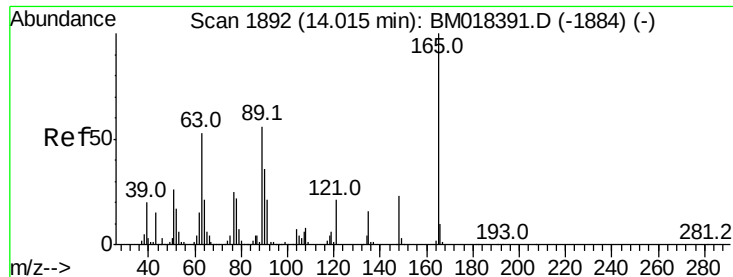
Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Tgt Ion:	163	Resp:	4600114
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.0	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 42.395 ng

RT: 14.02 min Scan# 1893

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:165 Resp: 1018986

Ion Ratio Lower Upper

165 100

63 49.4 45.6 68.4

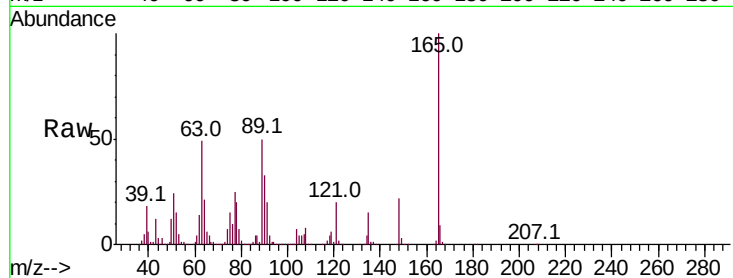
89 50.1 44.6 66.8

Manual Integrations

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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

800000

600000

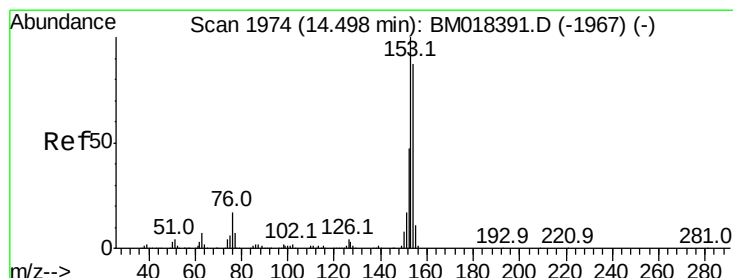
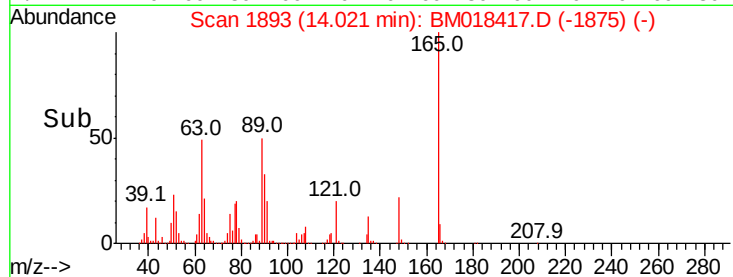
400000

200000

0

13.95 14.00 14.05 14.10

Time-->



#52

Acenaphthene

Concen: 40.223 ng

RT: 14.50 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

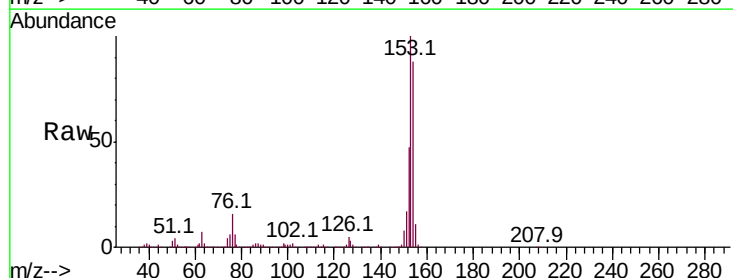
Tgt Ion:154 Resp: 3352816

Ion Ratio Lower Upper

154 100

153 113.6 92.3 138.5

152 54.0 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

3000000

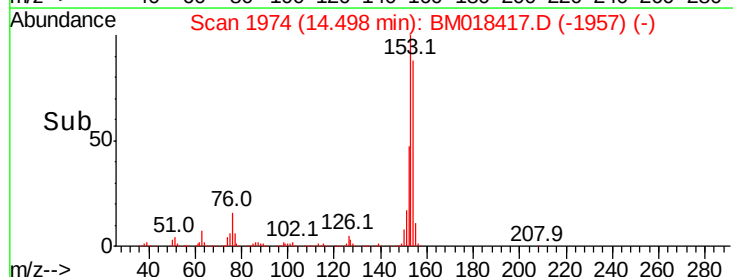
2000000

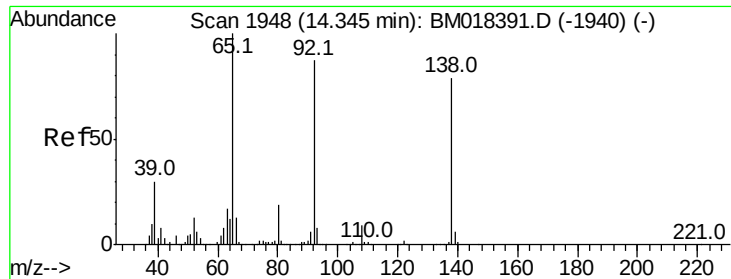
1000000

0

14.45 14.50 14.55

Time-->





#53

3-Nitroaniline

Concen: 42.500 ng

RT: 14.35 min Scan# 1949

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 1136047

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

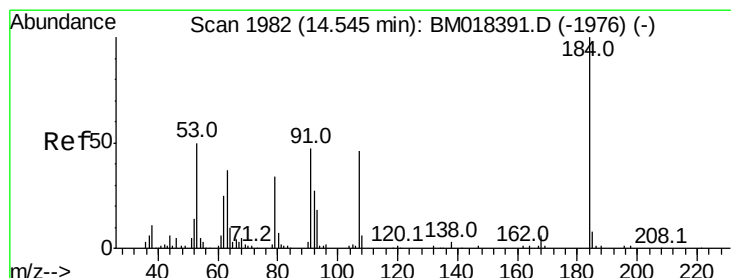
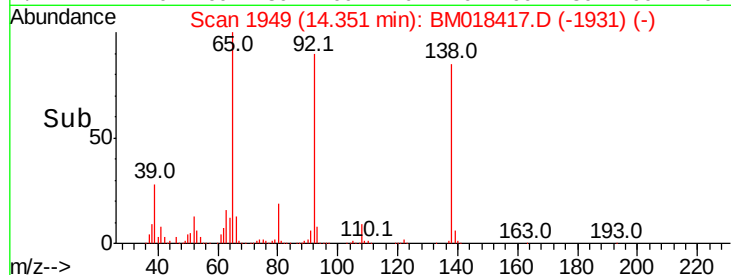
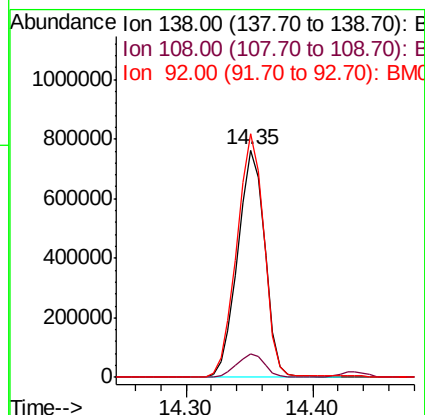
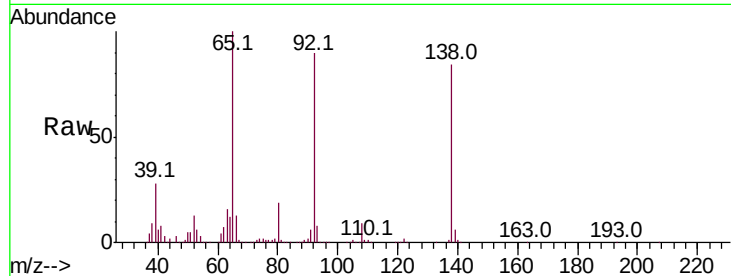
92 107.0 88.2 132.2

Manual Integrations

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#54

2,4-Dinitrophenol

Concen: 49.979 ng

RT: 14.55 min Scan# 1983

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

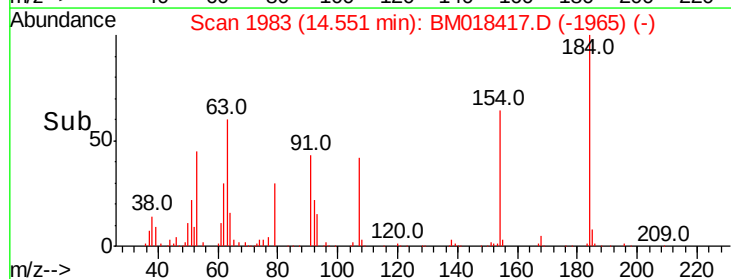
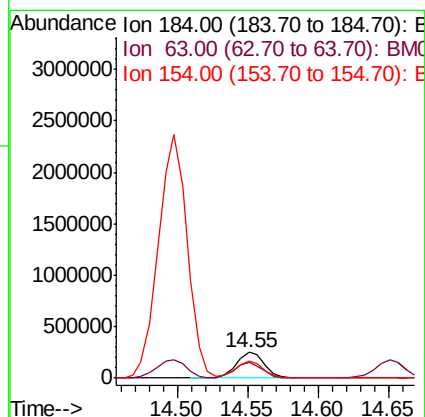
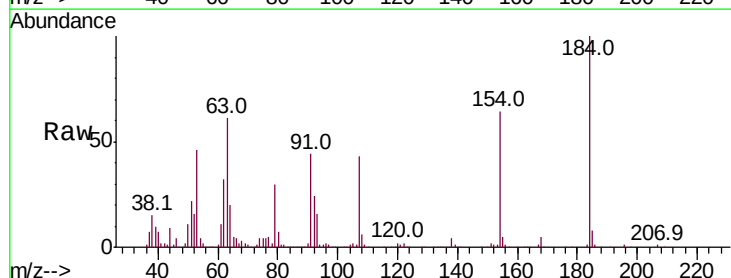
Tgt Ion:184 Resp: 345719

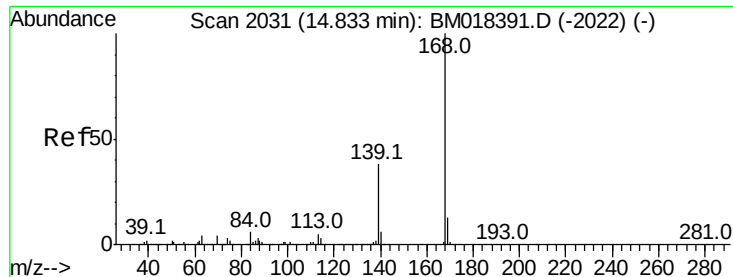
Ion Ratio Lower Upper

184 100

63 61.0 55.9 83.9

154 64.3 54.2 81.4





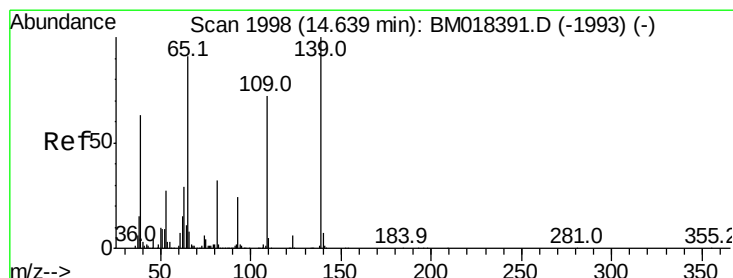
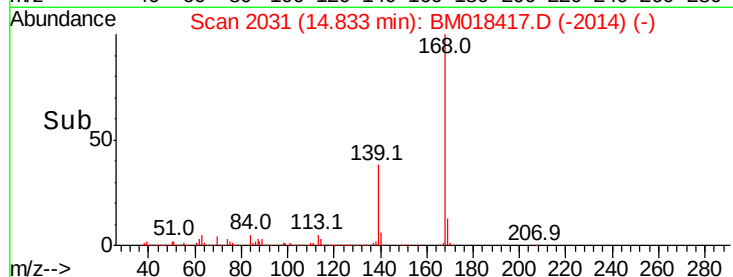
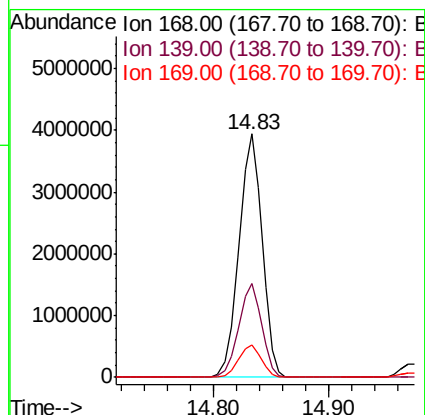
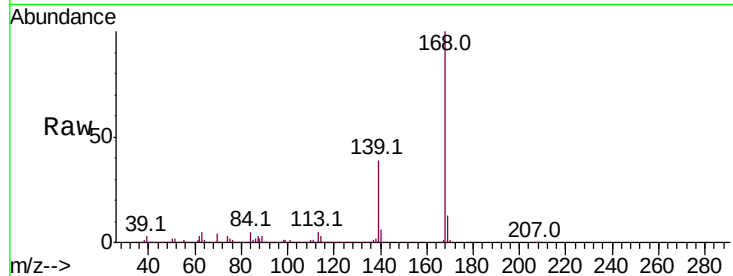
#55
Dibenzofuran
Concen: 39.980 ng
RT: 14.83 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.3	45.5
169	13.4	10.6	16.0

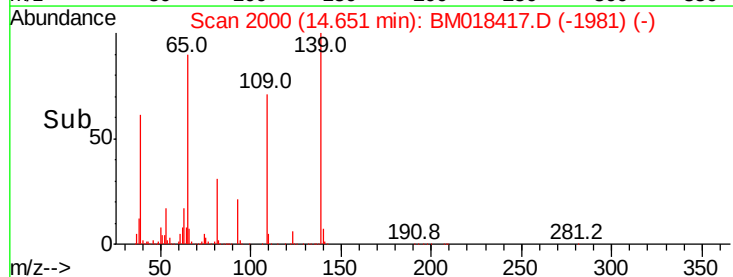
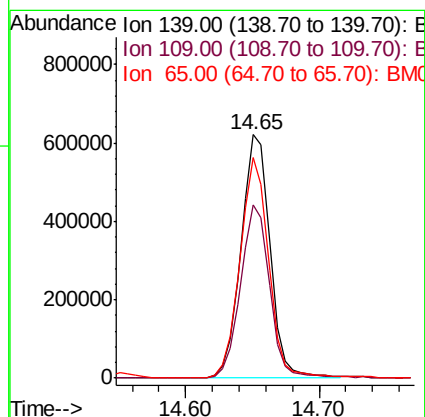
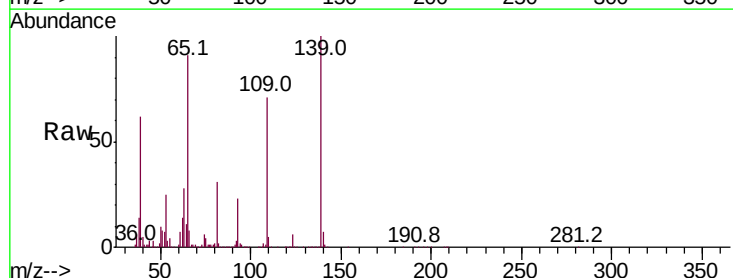
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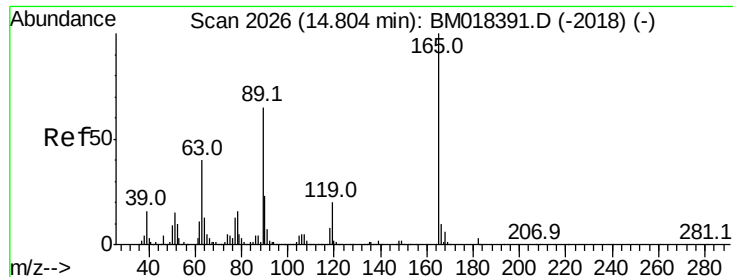
Sohil
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#56
4-Nitrophenol
Concen: 43.425 ng
RT: 14.65 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.2	51.7	91.7
65	90.7	71.4	111.4





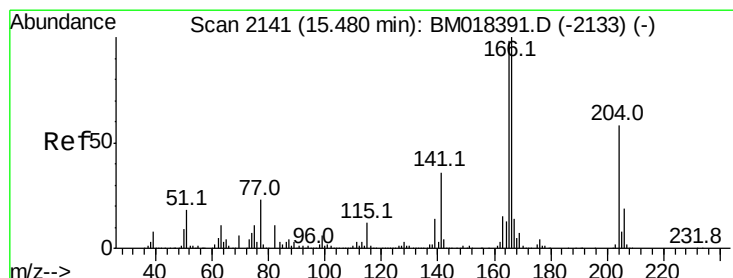
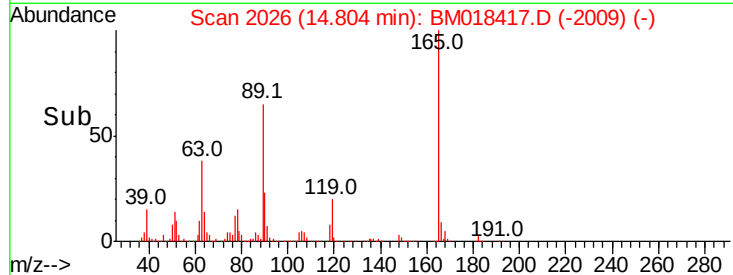
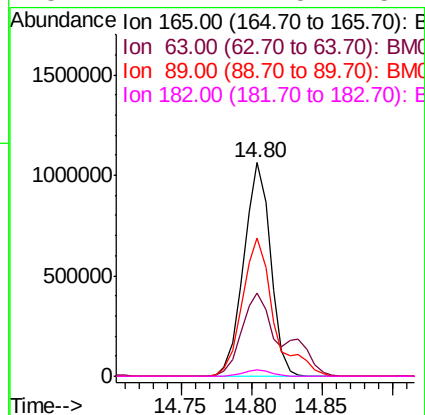
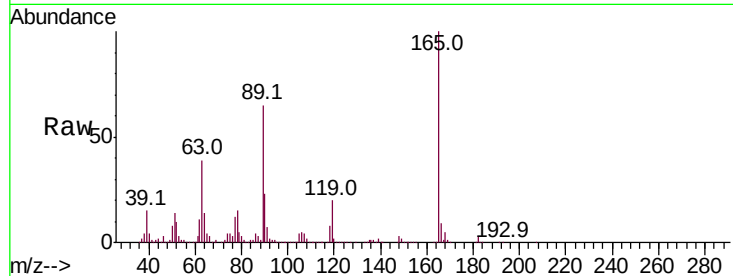
#57
2,4-Dinitrotoluene
Concen: 43.341 ng
RT: 14.80 min Scan# 2026
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.7	32.2	48.2
89	64.8	52.1	78.1
182	2.7	2.5	3.7

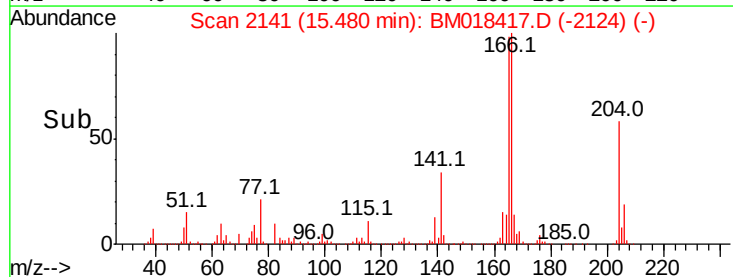
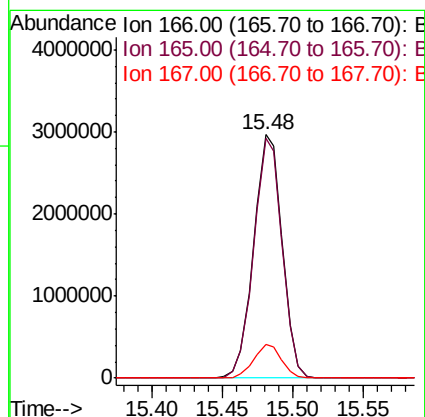
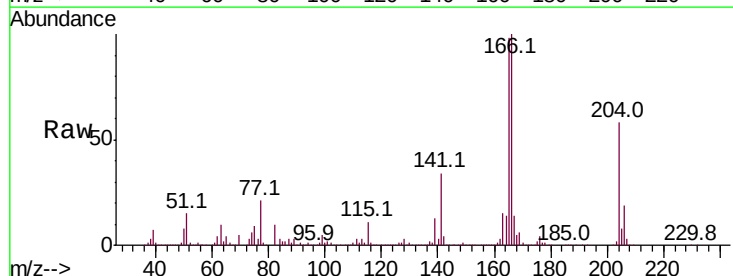
Manual Integrations
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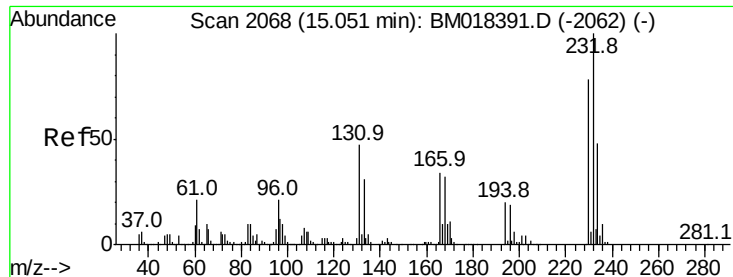
Sohil
12/28/2018 12:30:34 PM



#58
Fluorene
Concen: 39.616 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.3	117.5
167	13.6	10.9	16.3





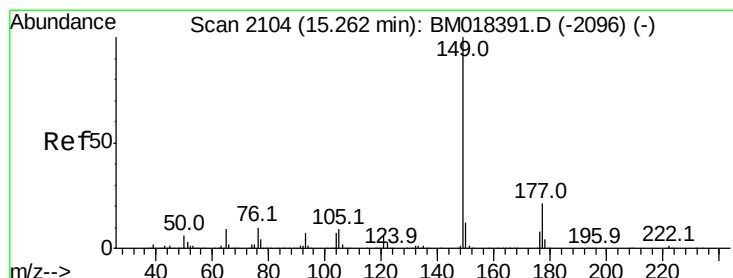
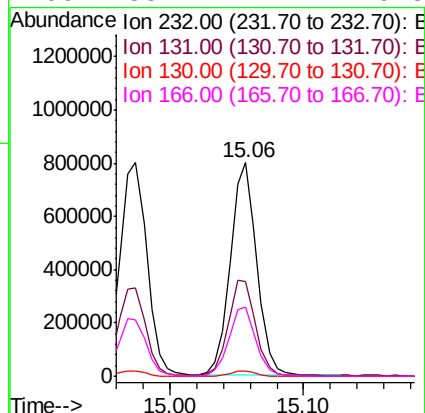
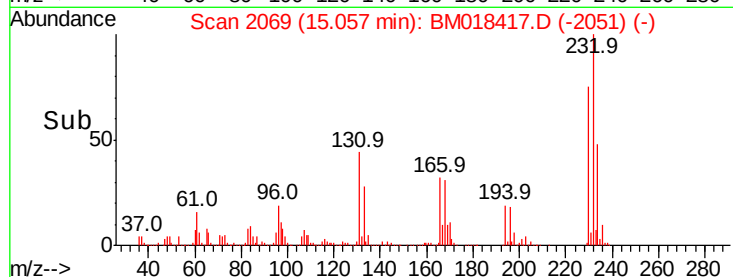
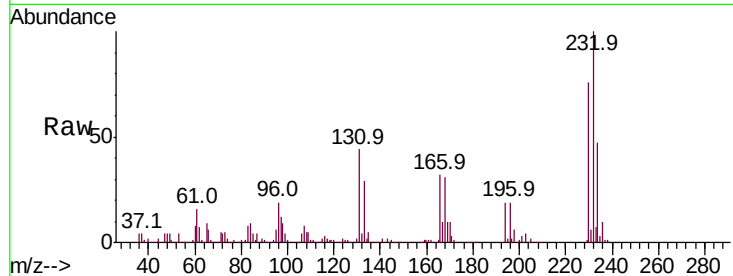
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.794 ng
RT: 15.06 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.6	38.6	57.8
130	2.6	2.2	3.4
166	33.2	27.2	40.8

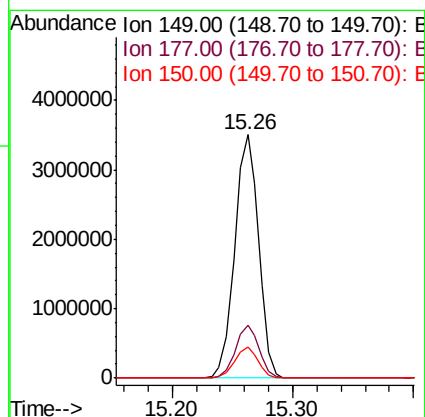
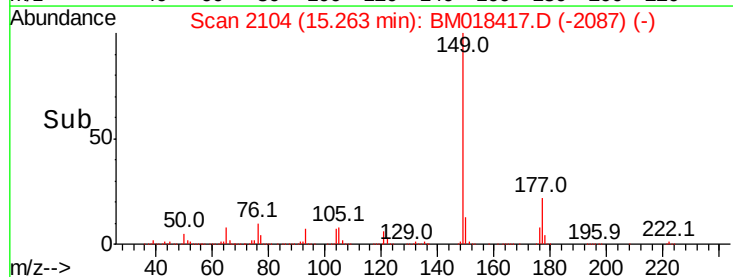
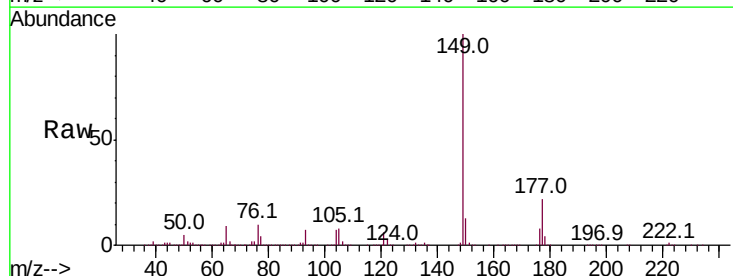
Manual Integrations
APPROVED

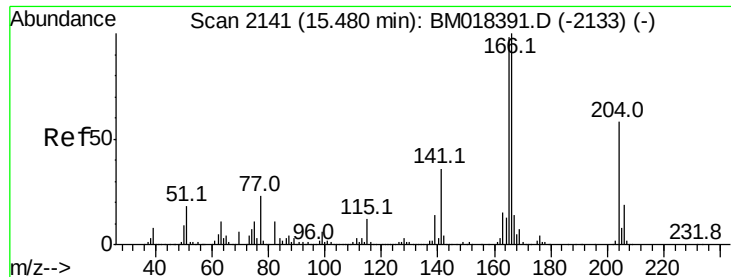
Sohil
12/28/2018 12:30:34 PM



#60
Diethylphthalate
Concen: 40.156 ng
RT: 15.26 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.1	25.7
150	12.6	9.8	14.6





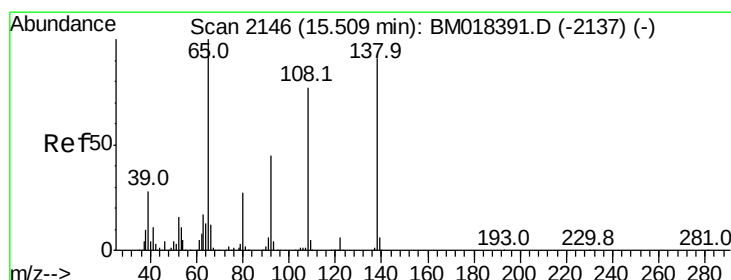
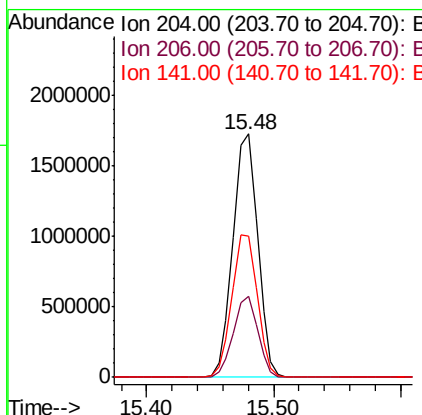
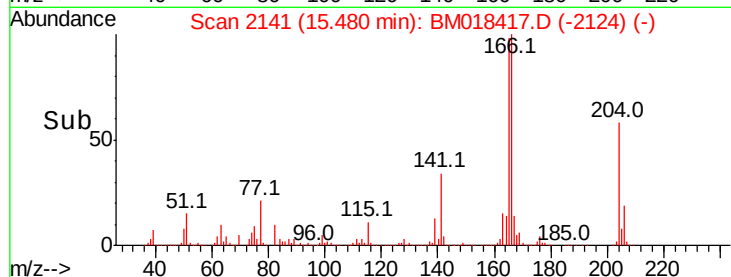
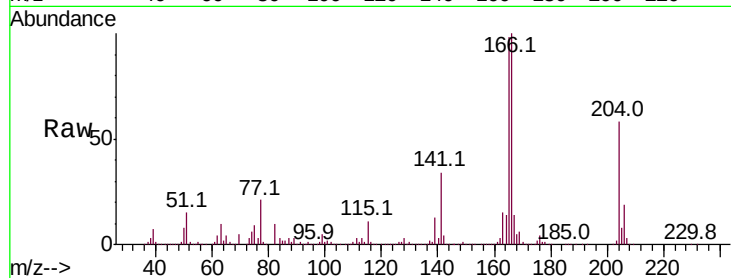
#61
4-Chlorophenyl-phenylether
Concen: 40.024 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	58.2	49.5	74.3

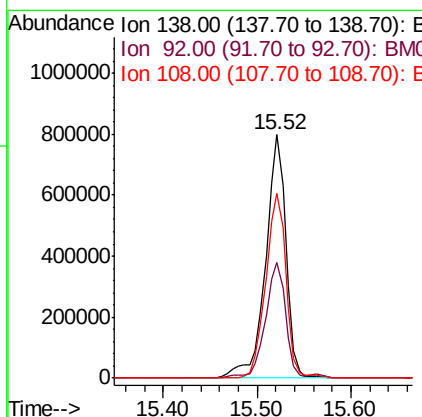
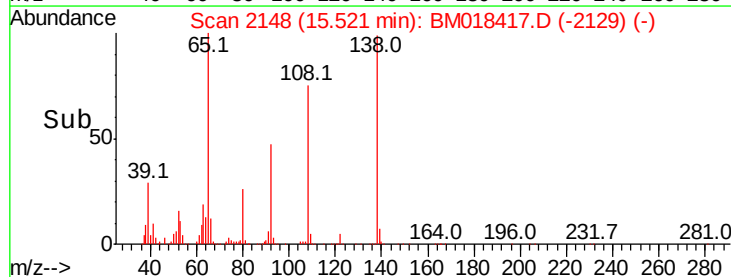
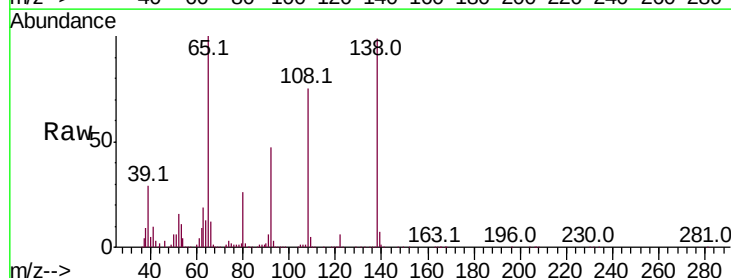
Manual Integrations
APPROVED

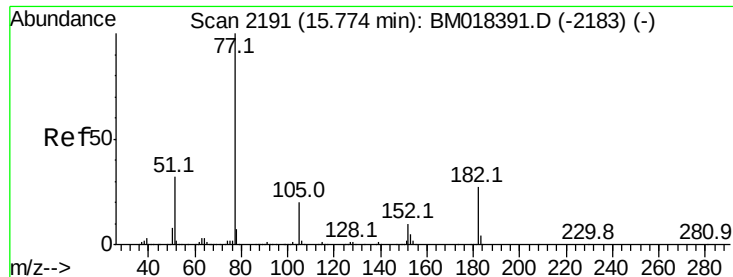
Sohil
12/28/2018 12:30:34 PM



#62
4-Nitroaniline
Concen: 42.121 ng
RT: 15.52 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	29.0	69.0
108	76.1	63.9	103.9





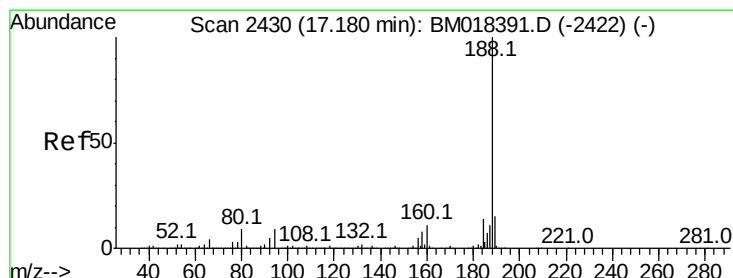
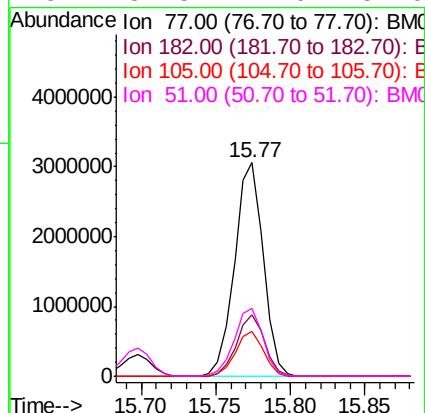
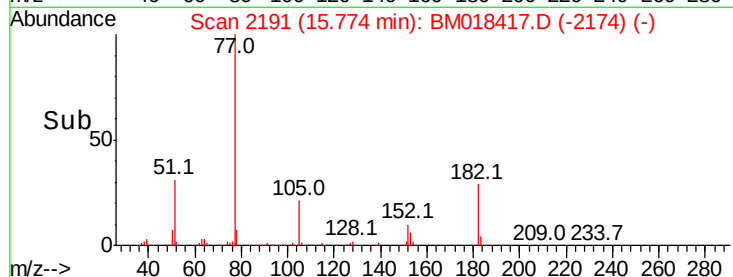
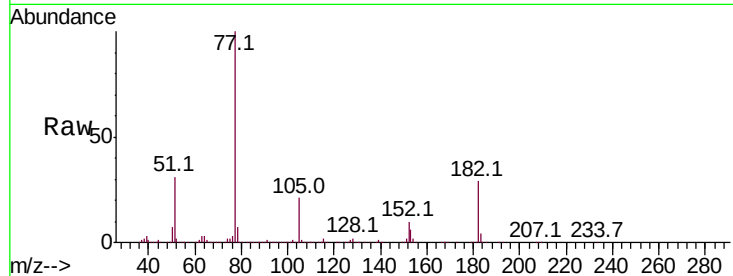
#63
Azobenzene
Concen: 37.605 ng
RT: 15.77 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.8	7.4	47.4	
105	20.8	0.0	39.6	
51	31.5	12.0	52.0	

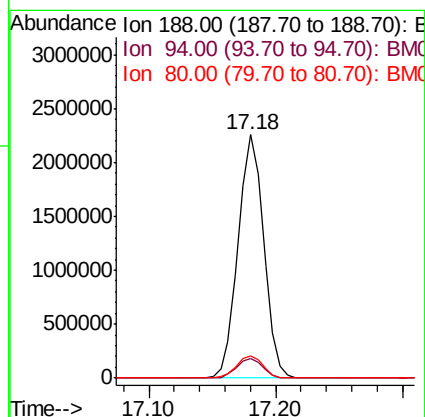
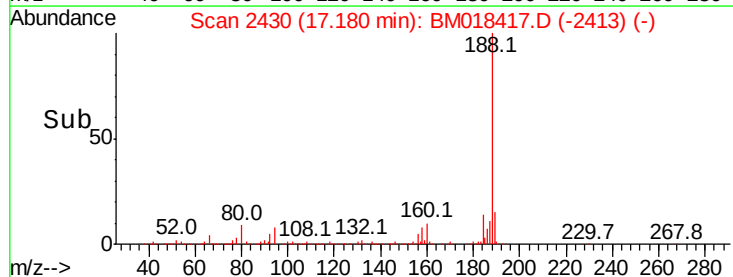
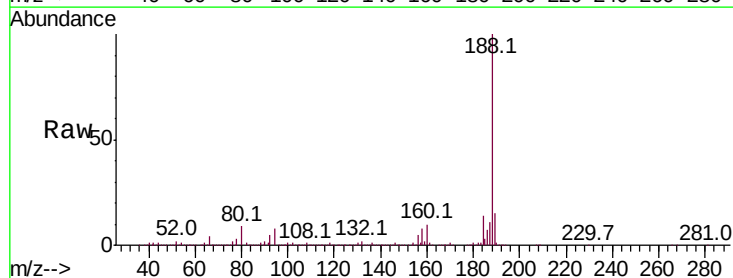
Manual Integrations
APPROVED

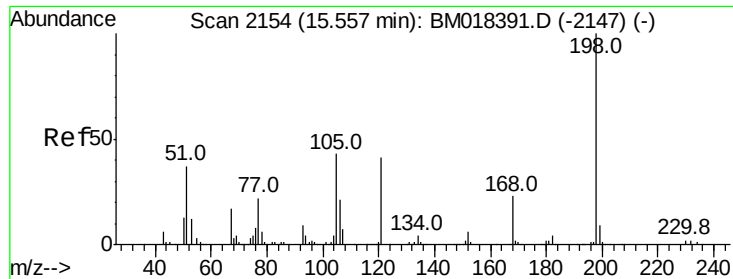
Sohil
12/28/2018 12:30:34 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.18 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	9.3	7.6	11.4	





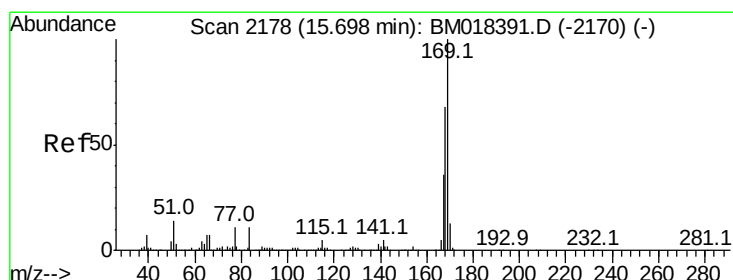
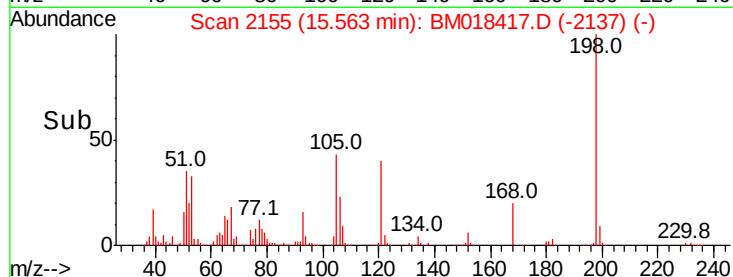
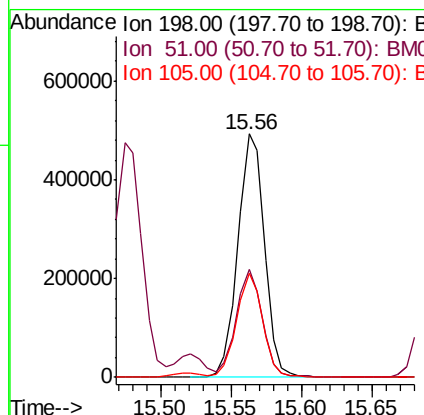
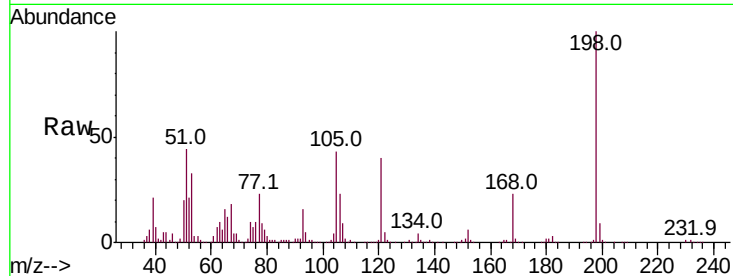
#65
4,6-Dinitro-2-methylphenol
Concen: 48.287 ng
RT: 15.56 min Scan# 2155
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	649534		
51	44.4	29.6	69.6	
105	42.6	25.5	65.5	

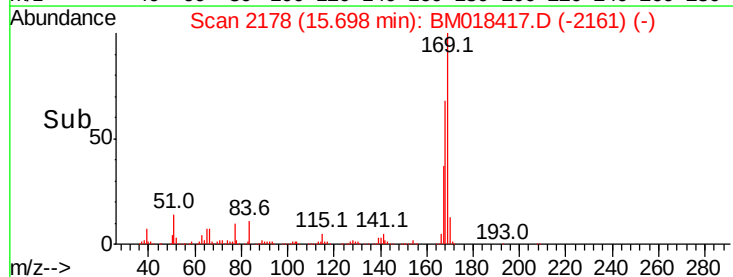
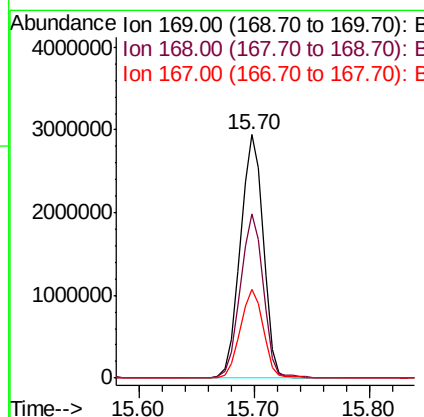
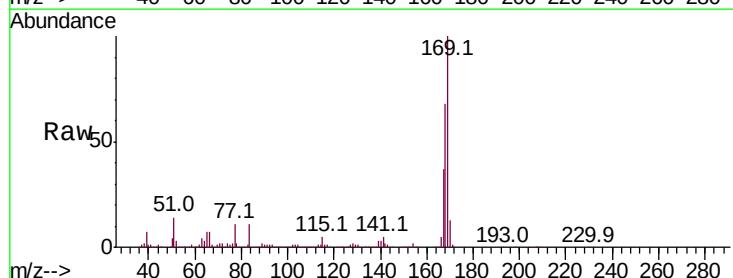
Manual Integrations
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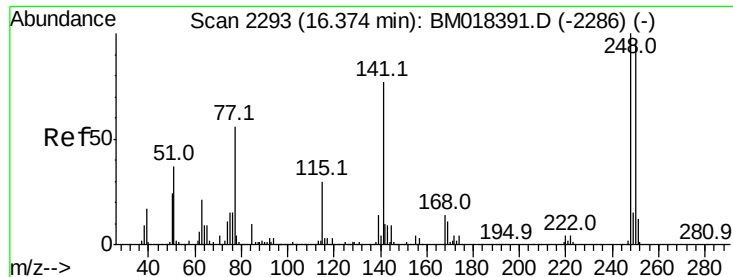
Sohil
12/28/2018 12:30:34 PM



#66
n-Nitrosodiphenylamine
Concen: 41.039 ng
RT: 15.70 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	4032495		
168	67.7	54.1	81.1	
167	36.6	28.6	42.8	





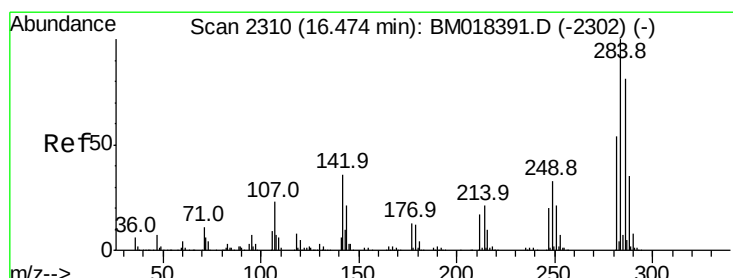
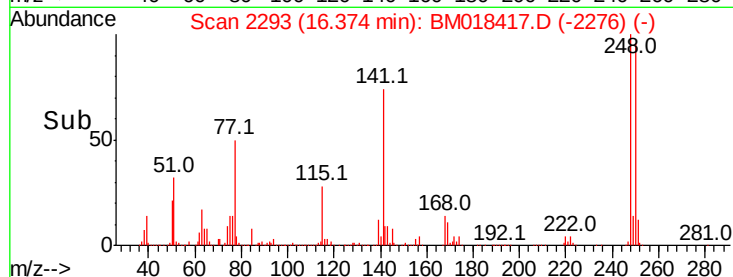
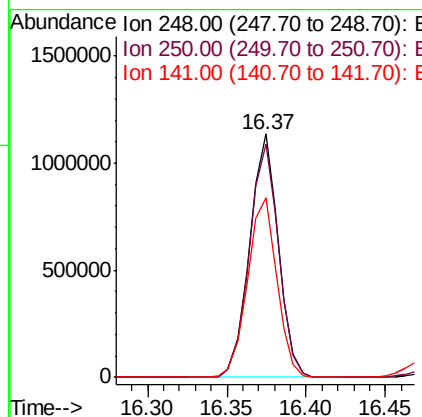
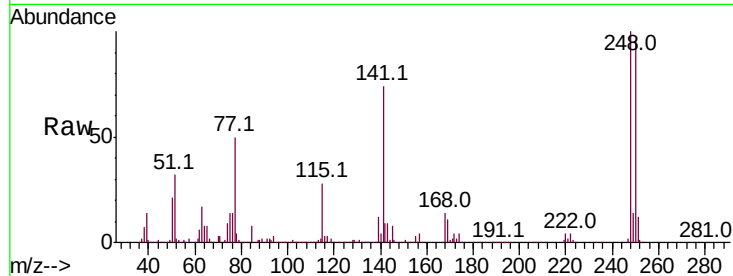
#67
 4-Bromophenyl-phenylether
 Concen: 41.489 ng
 RT: 16.37 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: BM018417.D
 Acq: 28 Dec 2018 04:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.0	114.0
141	73.5	61.5	92.3

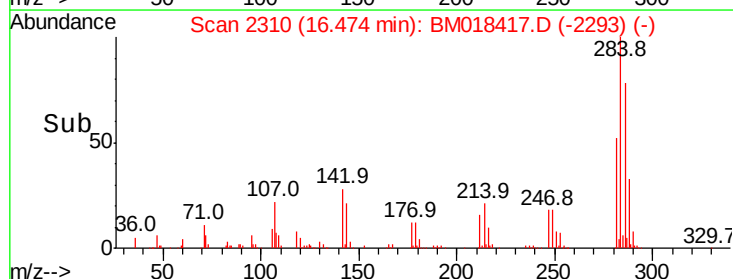
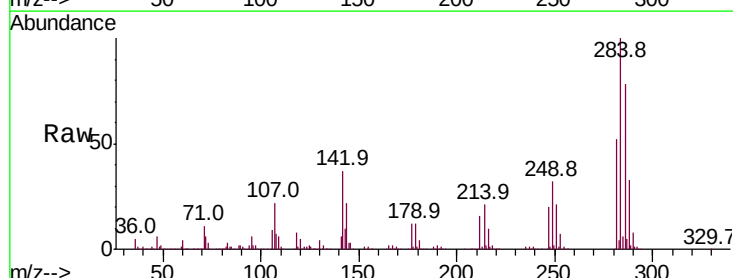
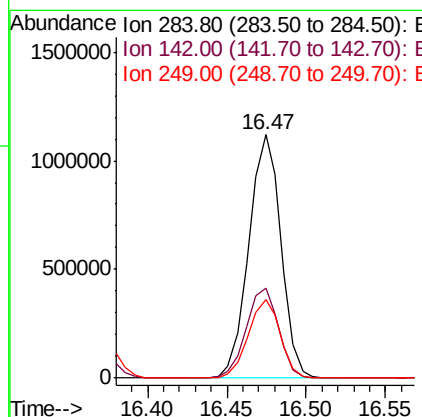
Manual Integrations
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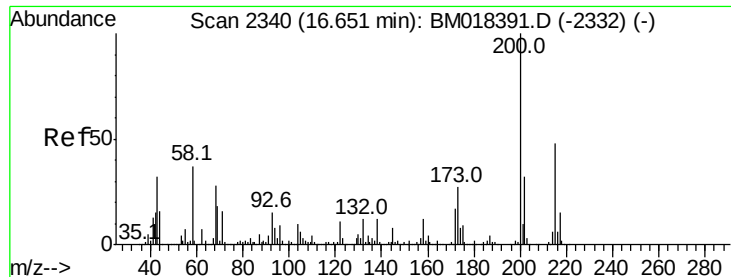
Sohil
 12/28/2018 12:30:34 PM



#68
 Hexachlorobenzene
 Concen: 40.505 ng
 RT: 16.47 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: BM018417.D
 Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.2	29.2	43.8
249	32.5	26.1	39.1





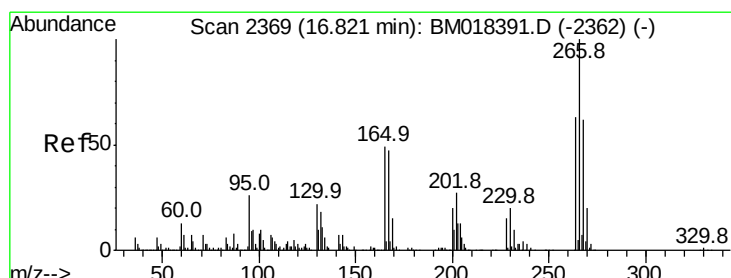
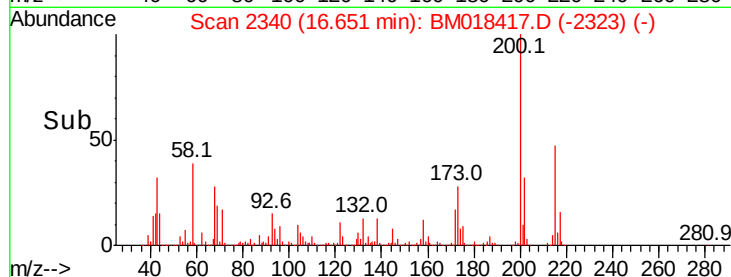
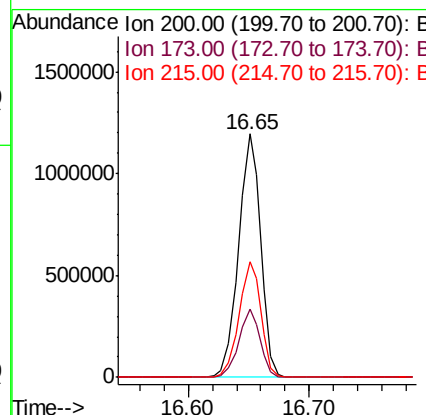
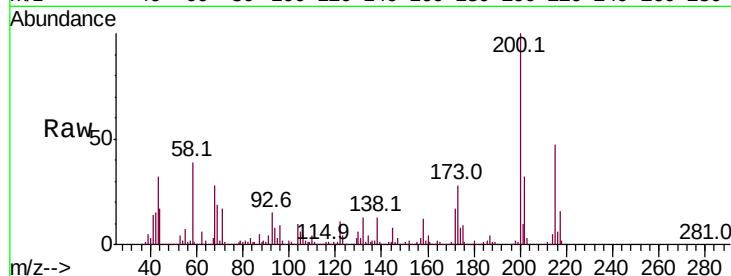
#69
Atrazine
Concen: 41.886 ng
RT: 16.65 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	7.2	47.2
215	47.4	28.3	68.3

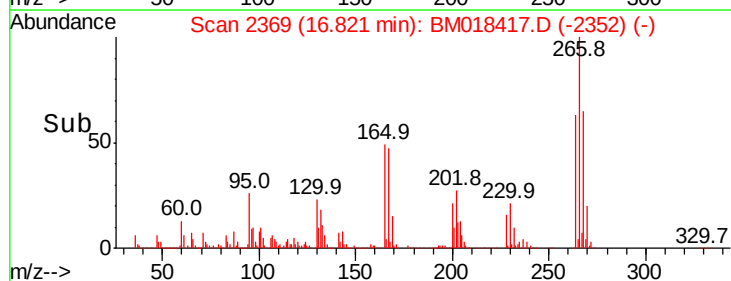
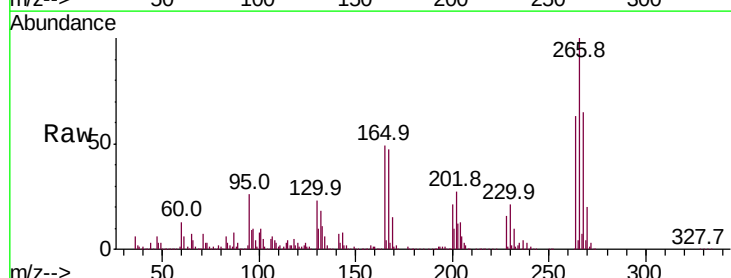
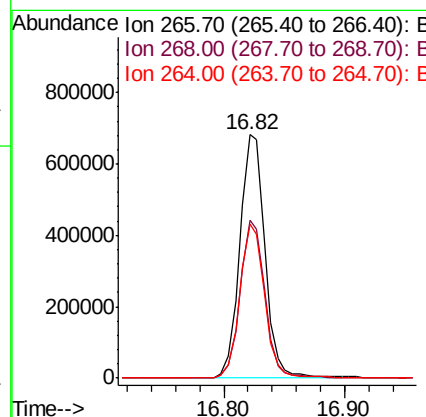
Manual Integrations
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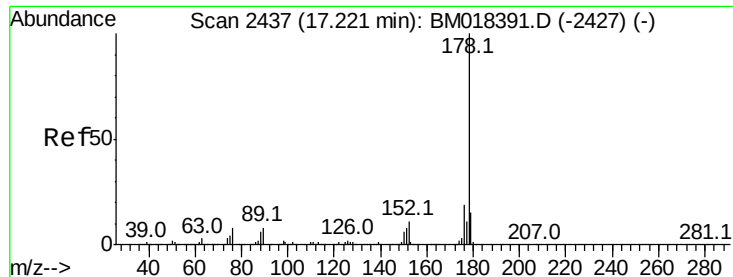
Sohil
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#70
Pentachlorophenol
Concen: 43.745 ng
RT: 16.82 min Scan# 2369
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	49.8	74.6
264	63.2	50.1	75.1





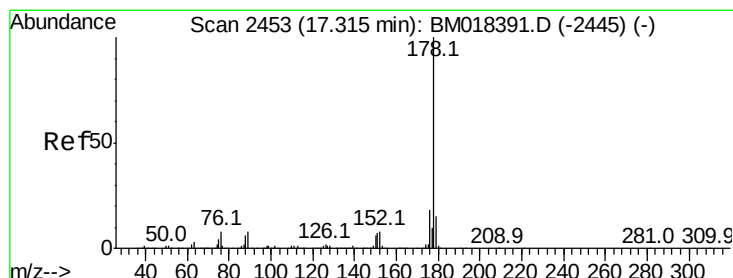
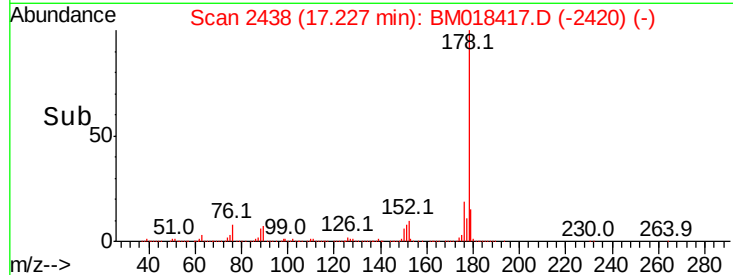
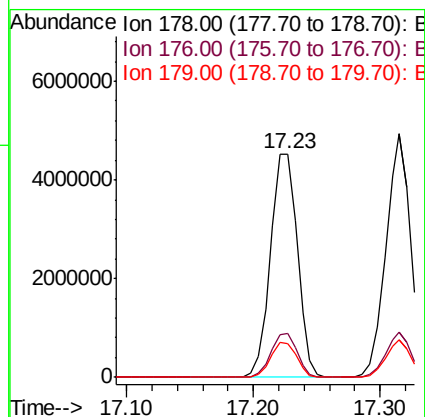
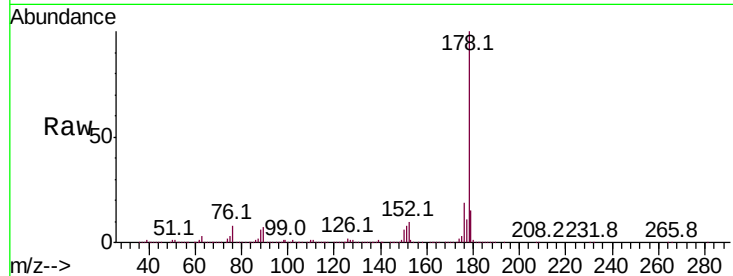
#71
Phenanthrene
Concen: 39.949 ng
RT: 17.23 min Scan# 2438
Delta R.T. 0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 6667134
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.3 12.2 18.4

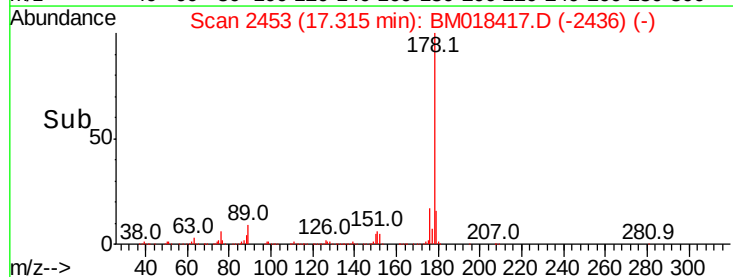
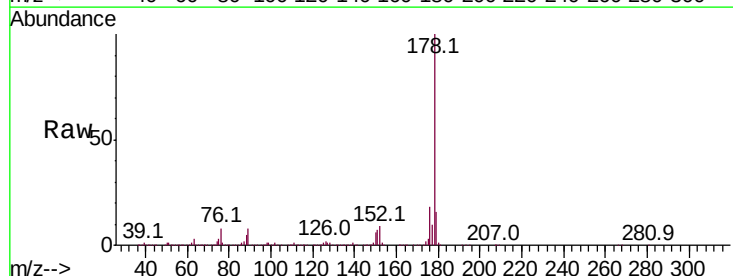
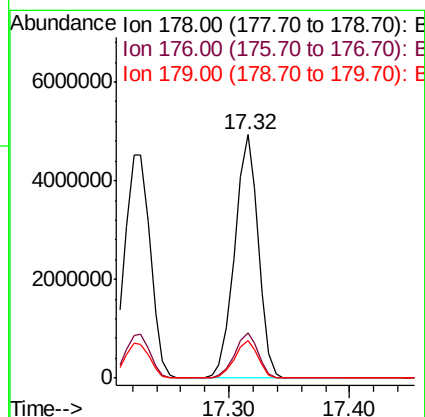
Manual Integrations
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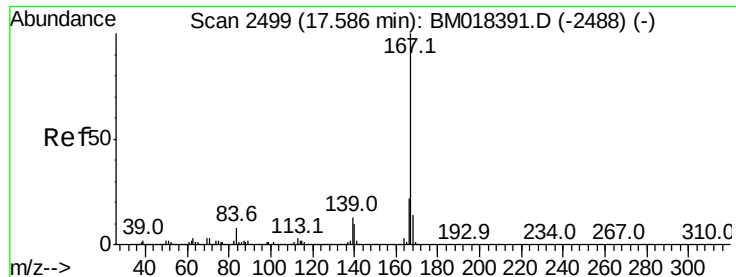
Sohil
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#72
Anthracene
Concen: 40.315 ng
RT: 17.32 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion:178 Resp: 6702535
Ion Ratio Lower Upper
178 100
176 18.4 14.7 22.1
179 15.7 12.2 18.4





#73

Carbazole

Concen: 40.458 ng

RT: 17.59 min Scan# 2500

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 7064197

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

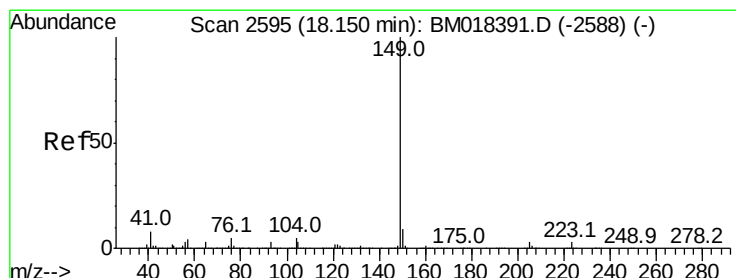
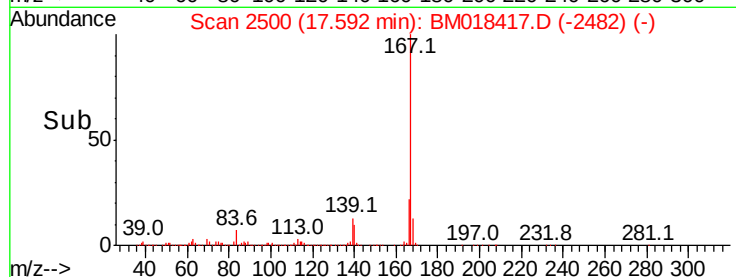
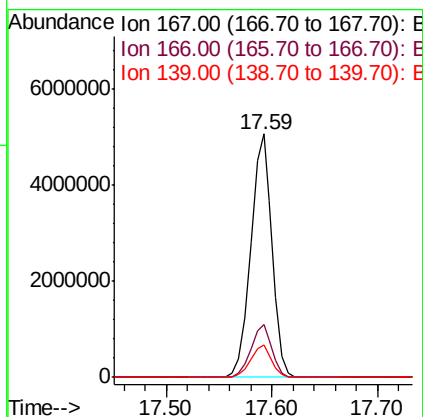
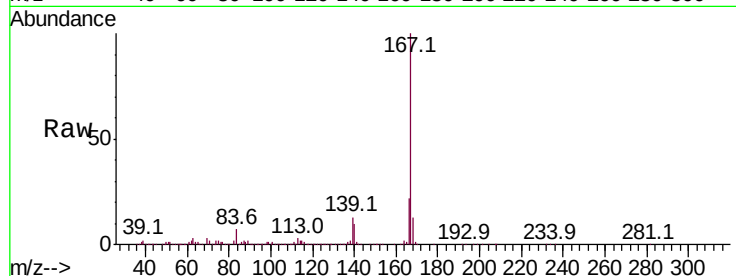
139 13.1 10.6 16.0

Manual Integrations

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Sohil

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#74

Di-n-butylphthalate

Concen: 41.795 ng

RT: 18.15 min Scan# 2595

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

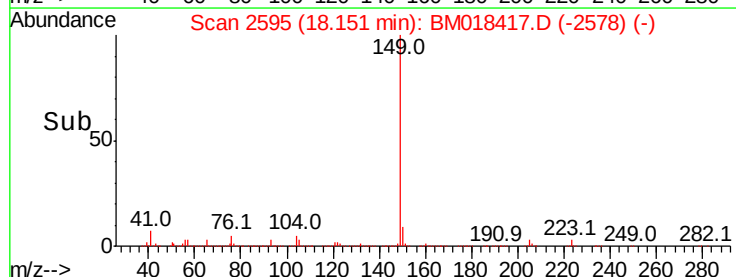
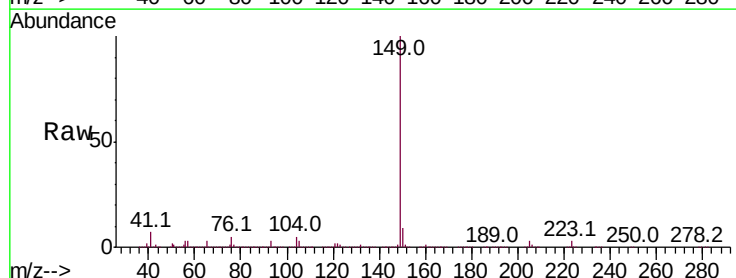
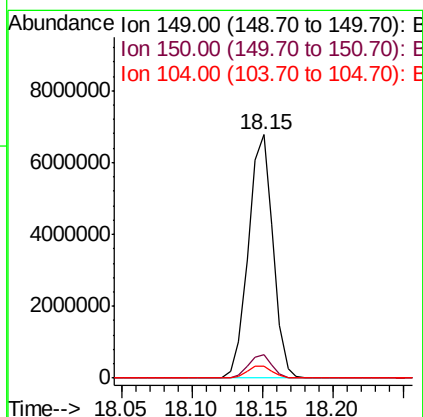
Tgt Ion:149 Resp: 8294172

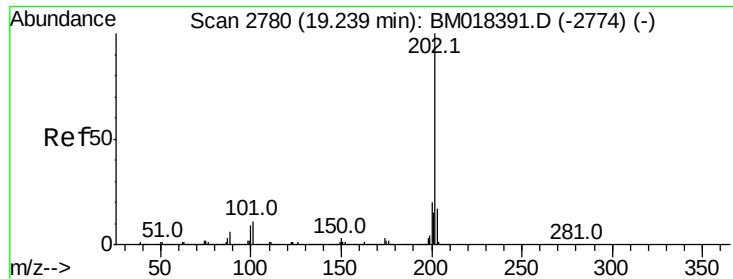
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 5.0 4.2 6.4





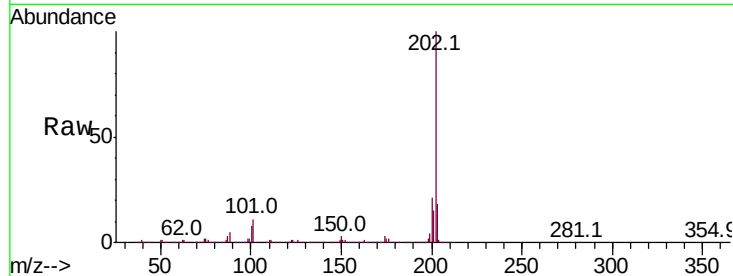
#75
Fluoranthene
Concen: 40.077 ng
RT: 19.24 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.9
203	17.7	0.0	37.4

Manual Integrations
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12/28/2018 12:30:34 PM

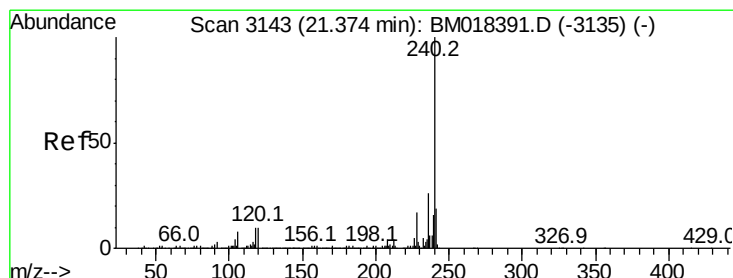
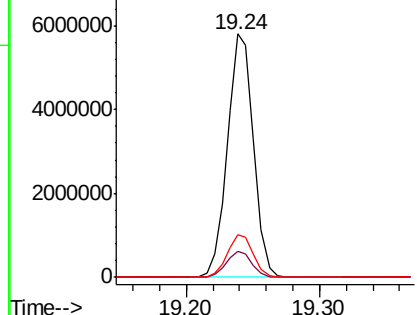
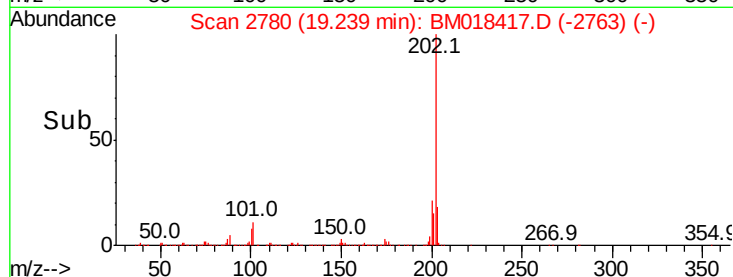


Abundance

Ion 202.00 (201.70 to 202.70): E

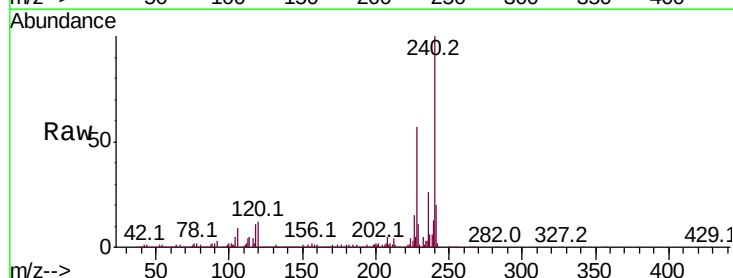
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.4	12.6
236	25.7	20.7	31.1

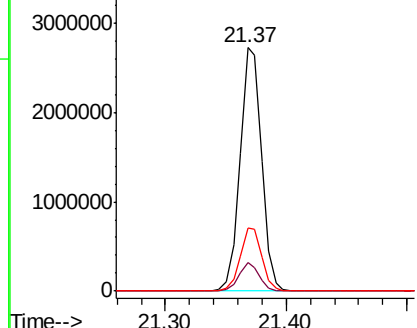
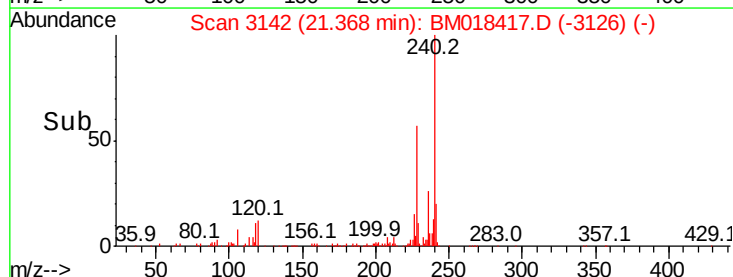


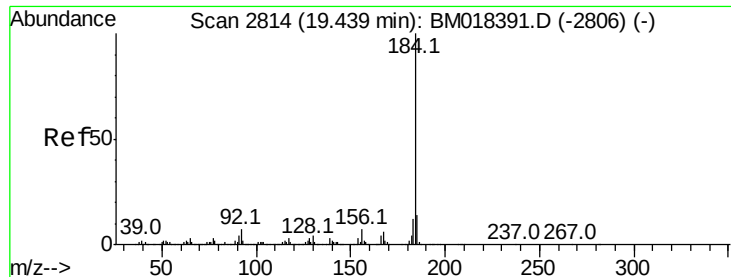
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





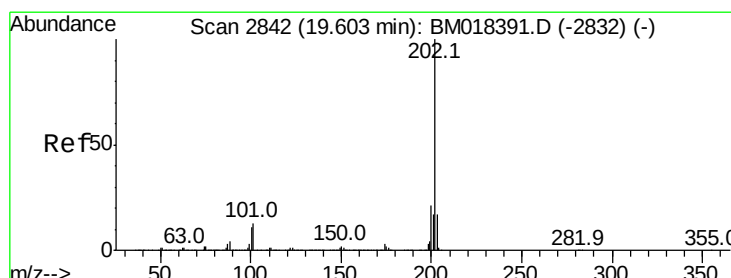
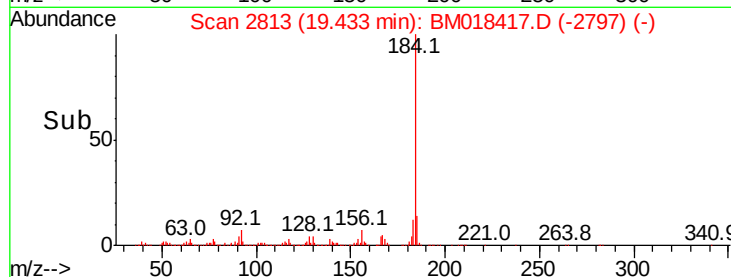
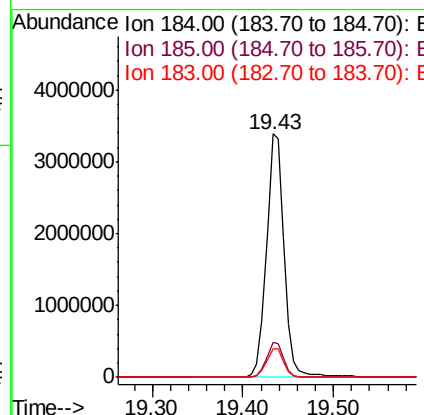
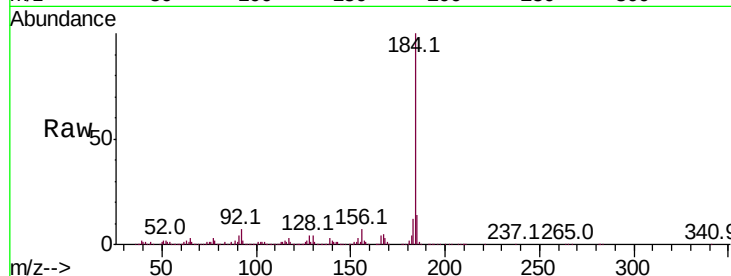
#77
Benzidine
Concen: 47.742 ng
RT: 19.43 min Scan# 2813
Delta R.T. -0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.0
183	11.8	9.5	14.3

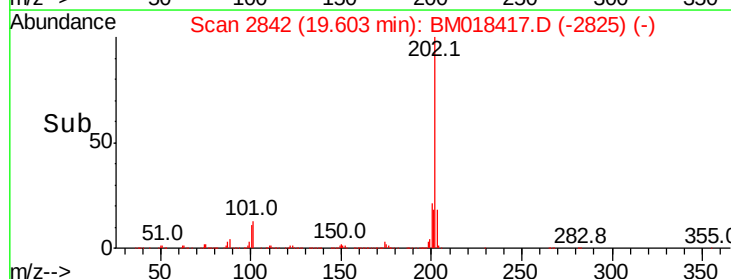
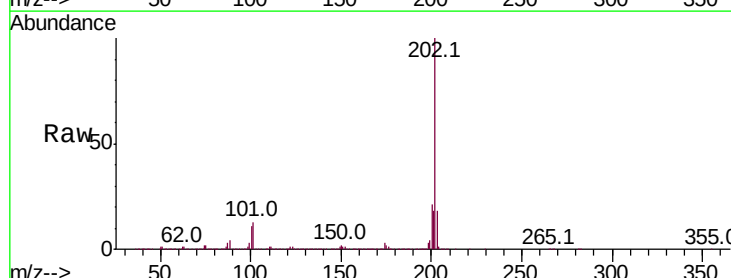
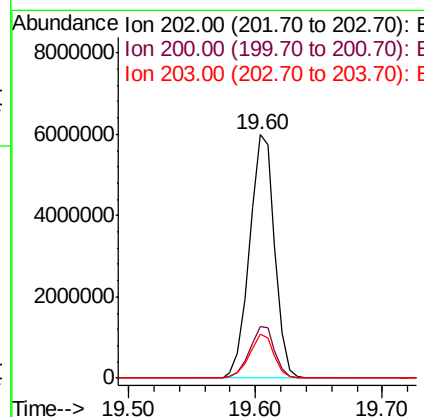
Manual Integrations
APPROVED

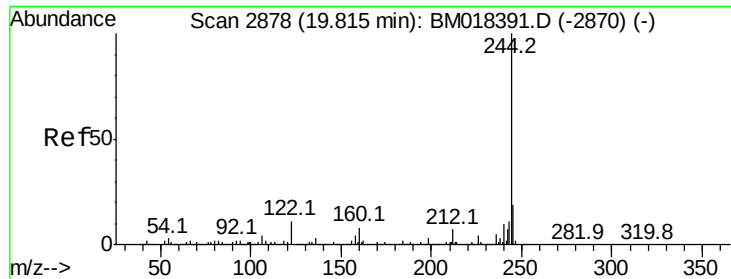
Sohil
12/28/2018 12:30:34 PM



#78
Pyrene
Concen: 41.824 ng
RT: 19.60 min Scan# 2842
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.6	24.8
203	17.8	13.8	20.8





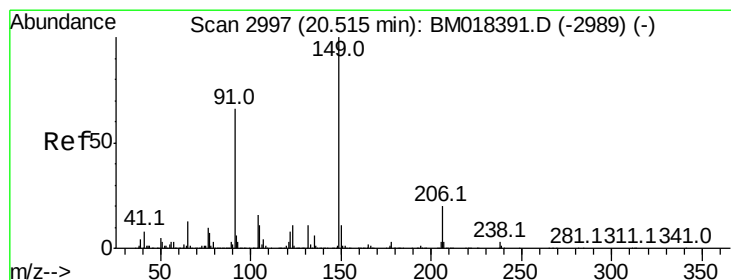
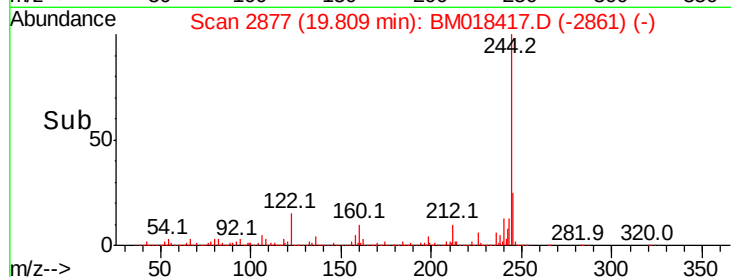
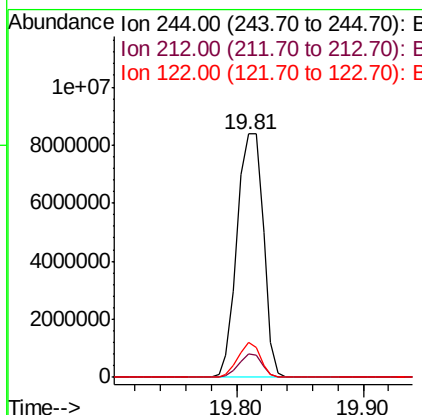
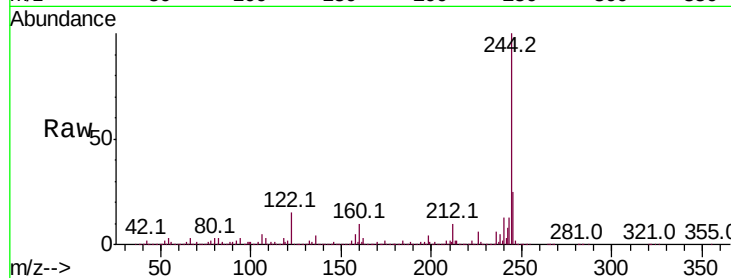
#79
 Terphenyl-d14
 Concen: 75.595 ng
 RT: 19.81 min Scan# 2877
 Delta R.T. -0.01 min
 Lab File: BM018417.D
 Acq: 28 Dec 2018 04:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp:12021701
 Ion Ratio Lower Upper
 244 100
 212 9.6 5.9 8.9#
 122 14.6 9.0 13.4#

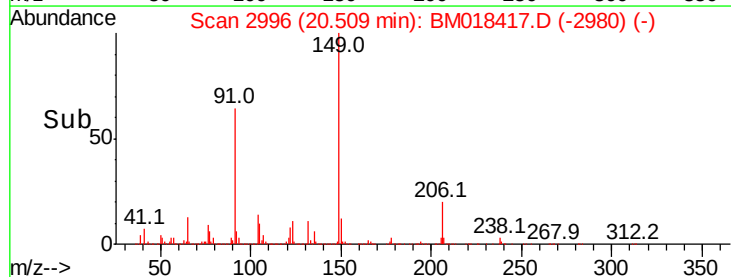
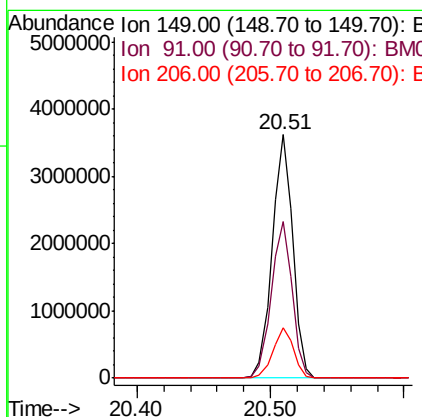
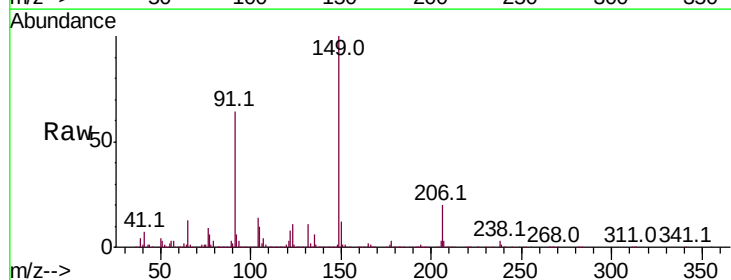
Manual Integrations
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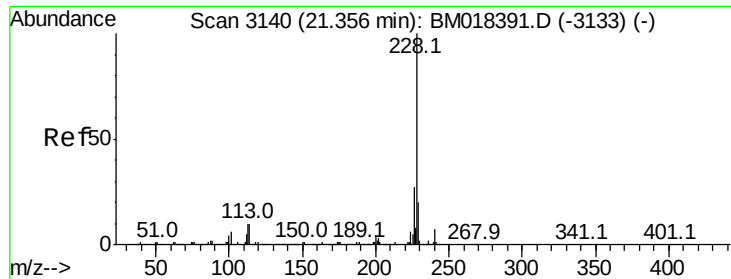
Sohil
 12/28/2018 12:30:34 PM



#80
 Butylbenzylphthalate
 Concen: 44.434 ng
 RT: 20.51 min Scan# 2996
 Delta R.T. -0.01 min
 Lab File: BM018417.D
 Acq: 28 Dec 2018 04:15

Tgt Ion:149 Resp: 3912402
 Ion Ratio Lower Upper
 149 100
 91 64.2 53.1 79.7
 206 20.5 16.2 24.4





#81

Benzo(a)anthracene

Concen: 41.180 ng

RT: 21.36 min Scan# 3140

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 8196172

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.0	15.8	23.8

228 100

226 27.9 21.8 32.6

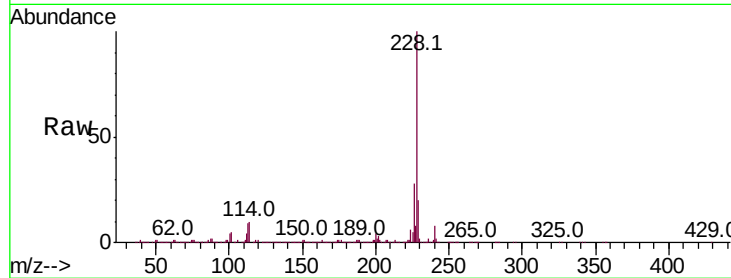
229 20.0 15.8 23.8

Manual Integrations

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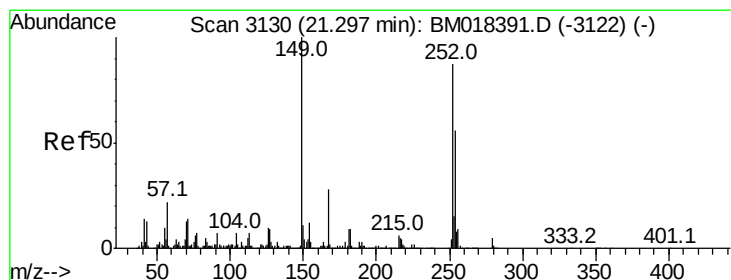
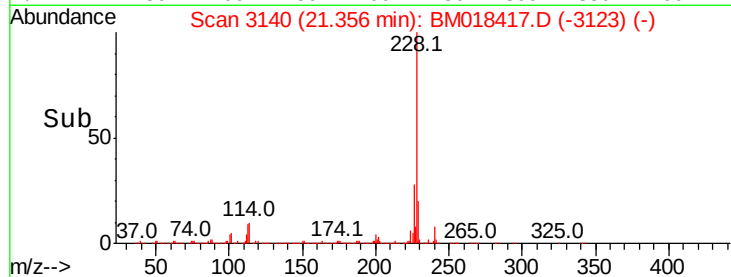
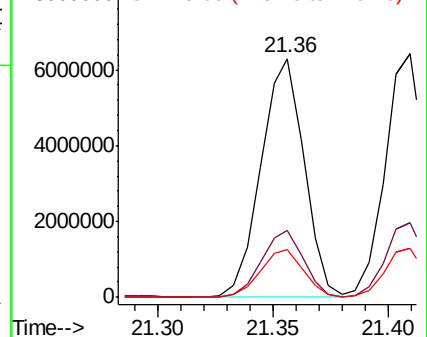


Abundance

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: 43.917 ng

RT: 21.29 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Tgt Ion:252 Resp: 3358197

Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.4	77.0
126	11.6	8.7	13.1

252 100

254 64.0 51.4 77.0

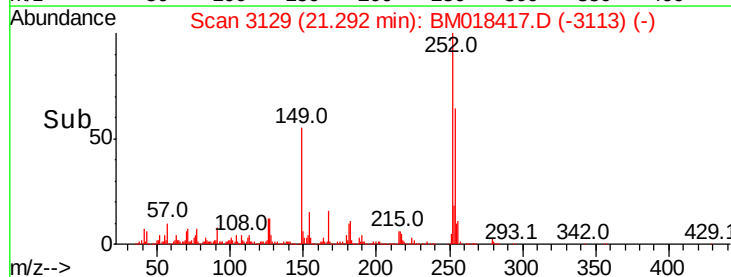
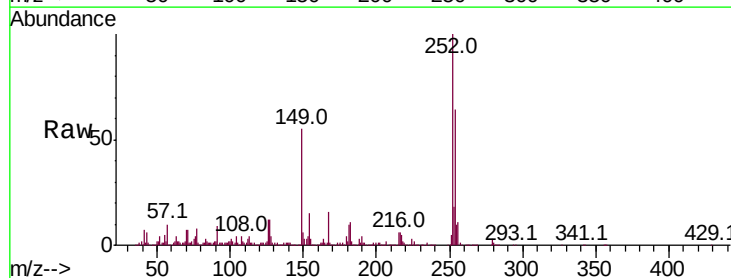
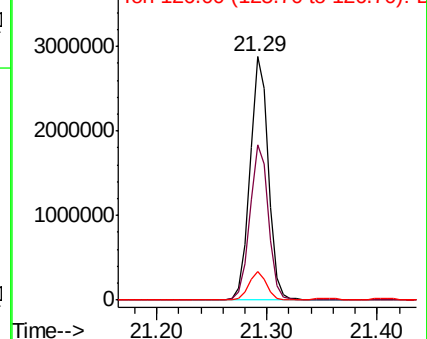
126 11.6 8.7 13.1

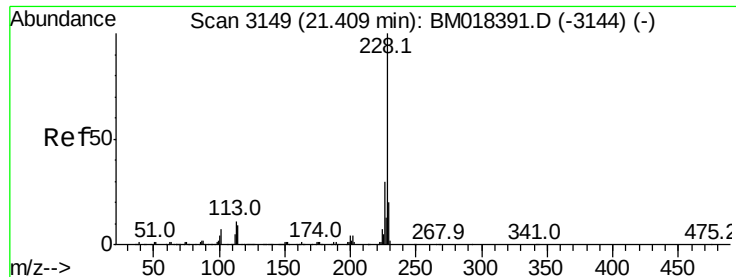
Abundance

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





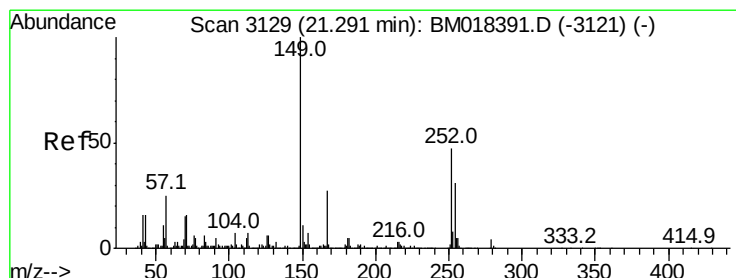
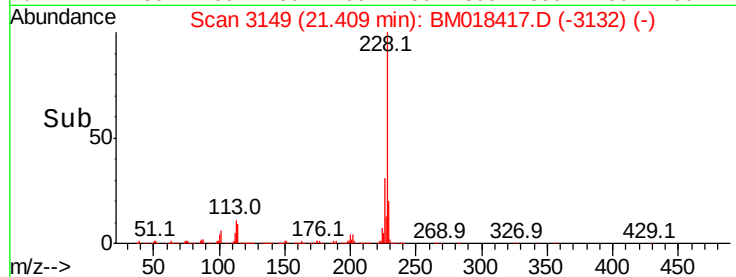
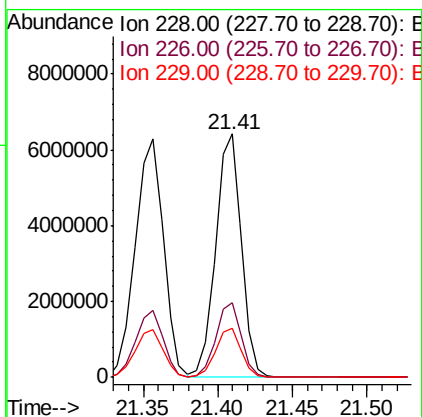
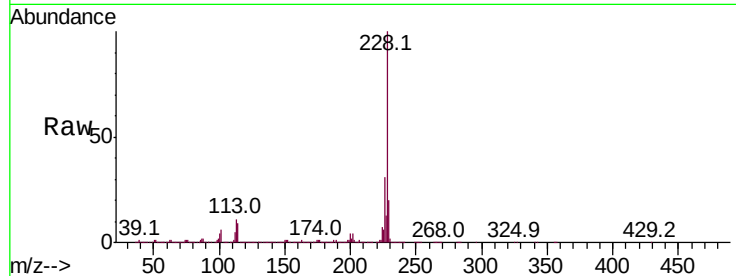
#83
Chrysene
Concen: 40.369 ng
RT: 21.41 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion:228 Resp: 7751639
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 20.0 15.6 23.4

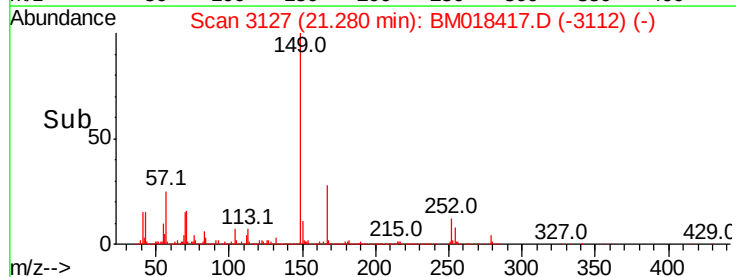
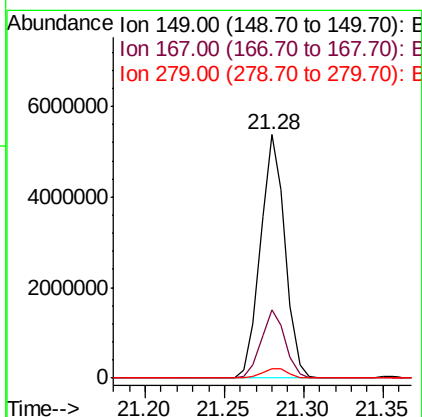
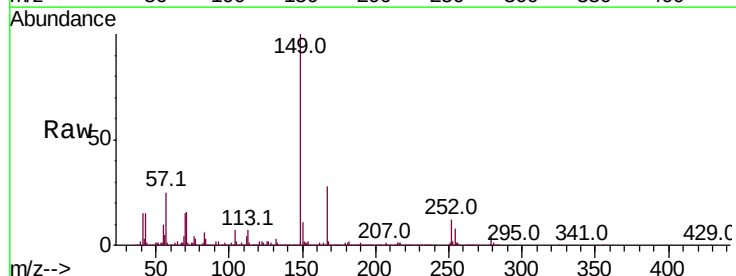
Manual Integrations
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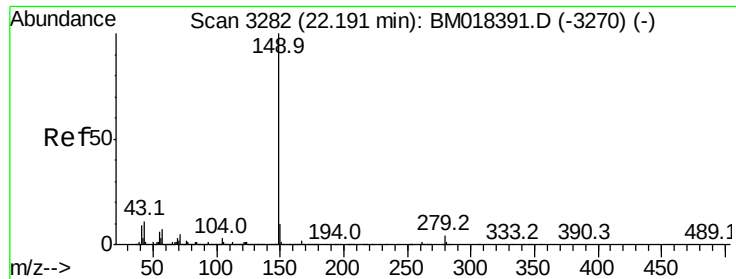
Sohil
12/28/2018 12:30:34 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.821 ng
RT: 21.28 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion:149 Resp: 5810630
Ion Ratio Lower Upper
149 100
167 27.8 21.6 32.4
279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 45.214 ng

RT: 22.18 min Scan# 3280

Delta R.T. -0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 9909922

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

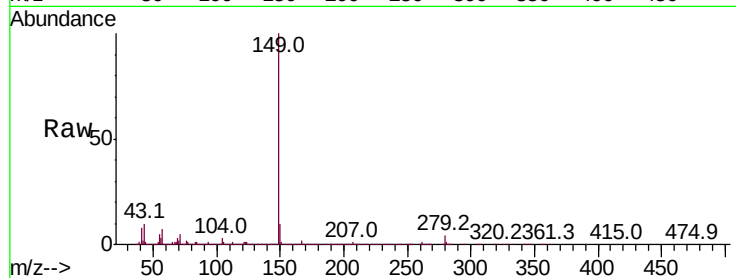
43 9.9 8.6 12.8

Manual Integrations

APPROVED

Sohil

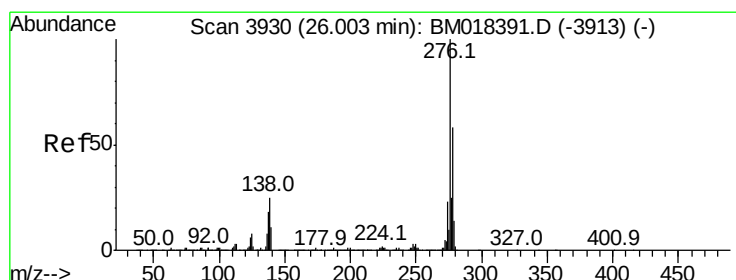
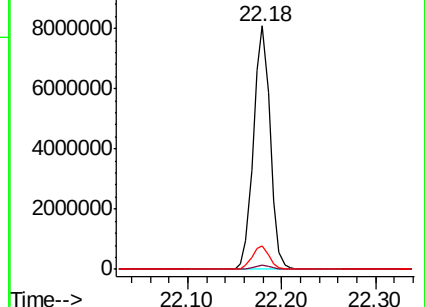
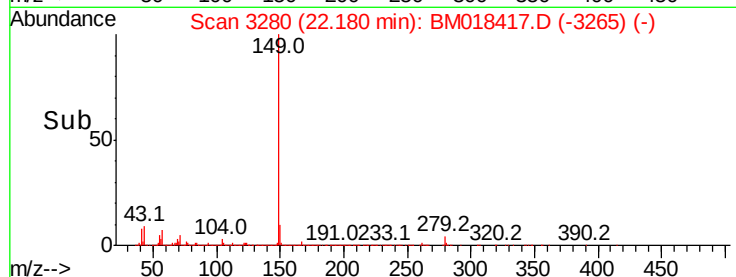
12/28/2018 12:30:34 PM



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: 35.054 ng

RT: 26.00 min Scan# 3930

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

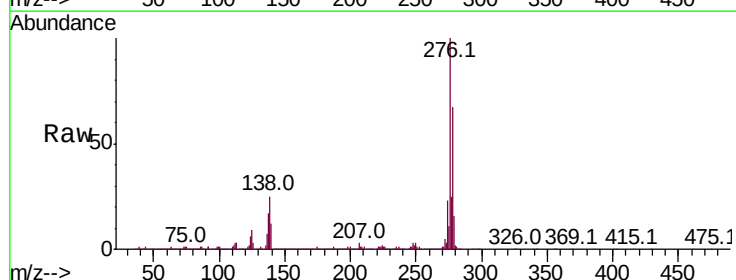
Tgt Ion:276 Resp: 8331897

Ion Ratio Lower Upper

276 100

138 26.1 21.5 32.3

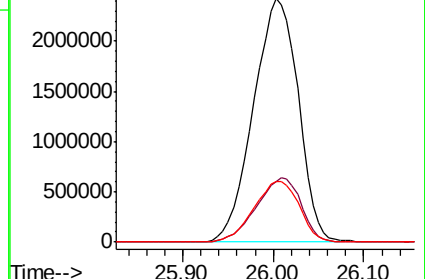
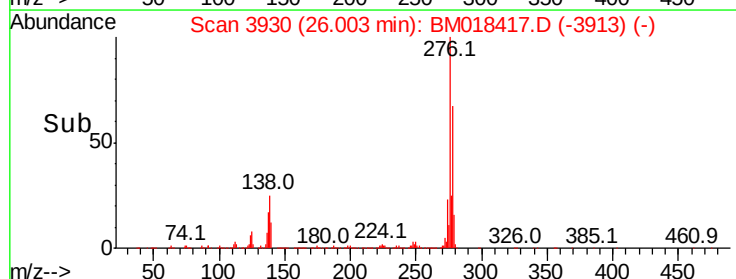
277 25.3 20.2 30.2

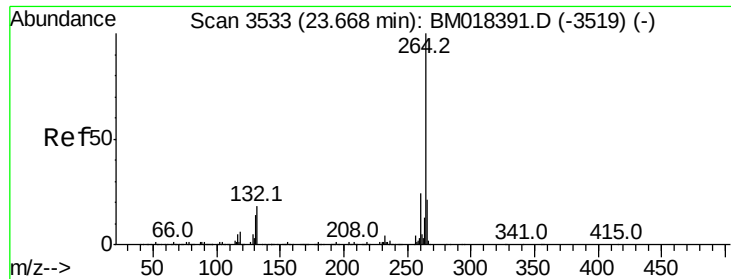


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.66 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 3441271

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

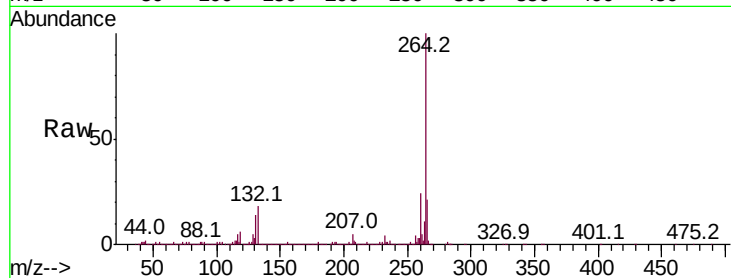
265 21.5 16.8 25.2

Manual Integrations

APPROVED

Sohil

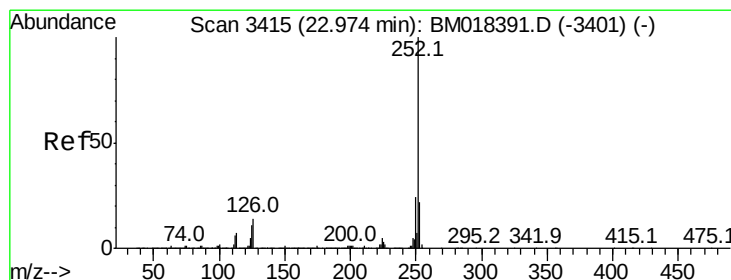
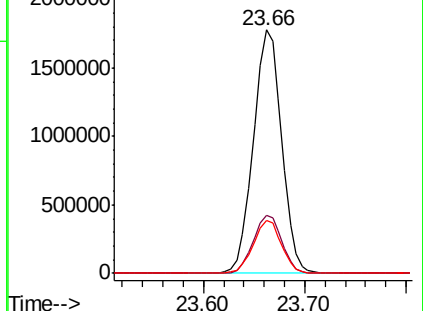
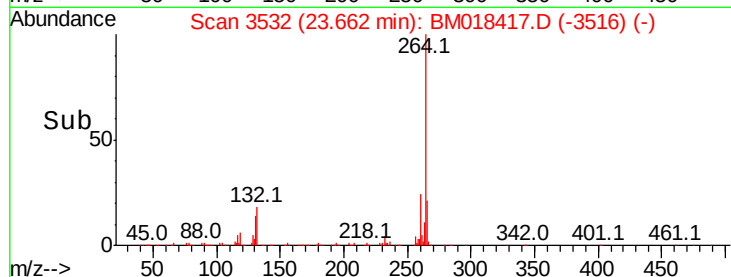
12/28/2018 12:30:34 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.178 ng

RT: 22.97 min Scan# 3415

Delta R.T. 0.00 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

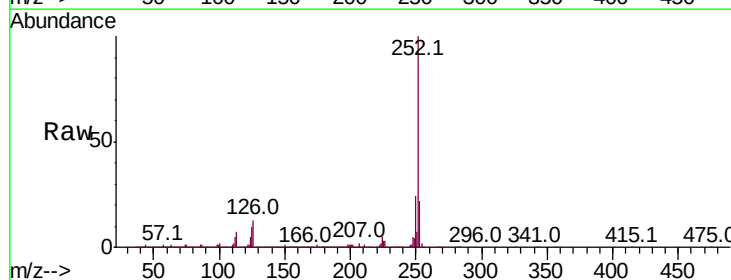
Tgt Ion:252 Resp: 8287620

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

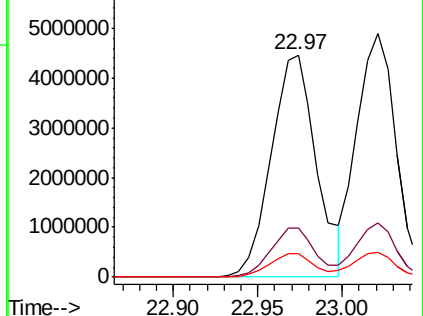
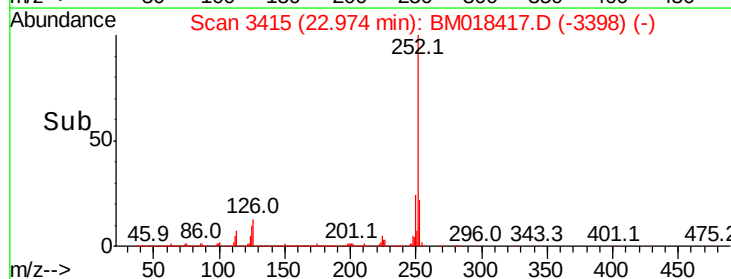
125 10.3 8.5 12.7

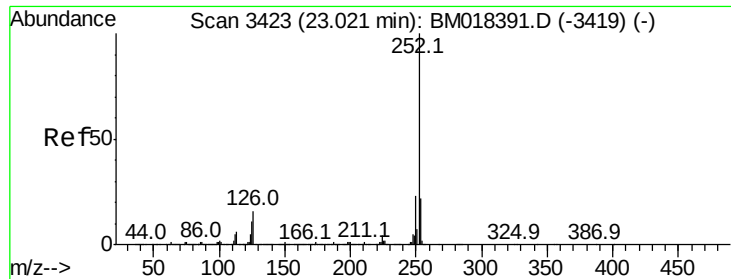


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





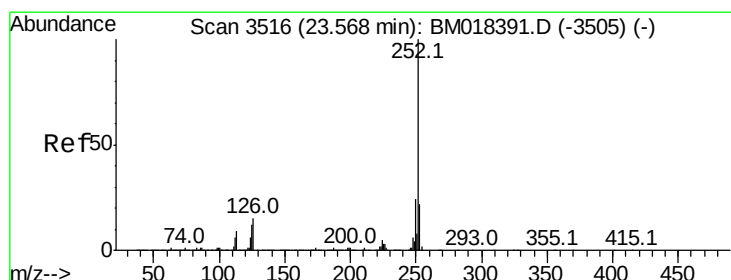
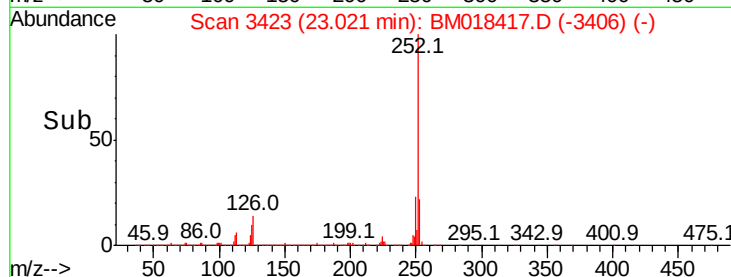
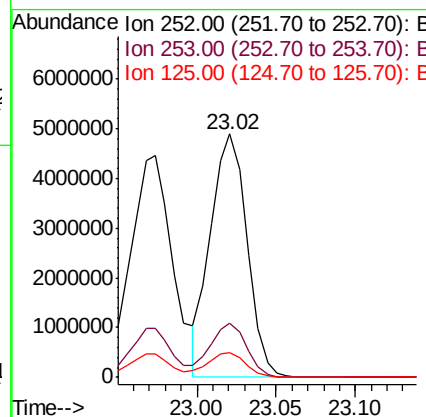
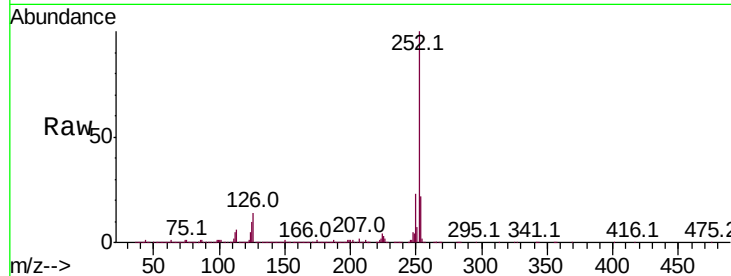
#89
Benzo(k)fluoranthene
Concen: 40.801 ng
RT: 23.02 min Scan# 3423
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	10.1	8.6	12.8

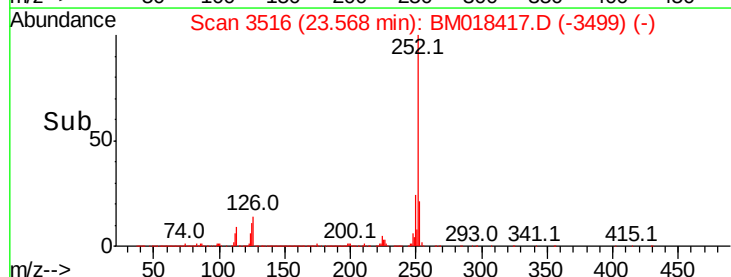
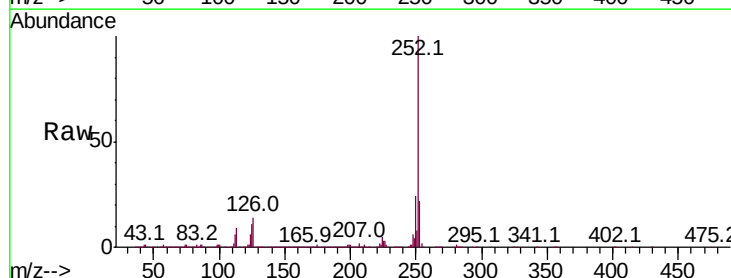
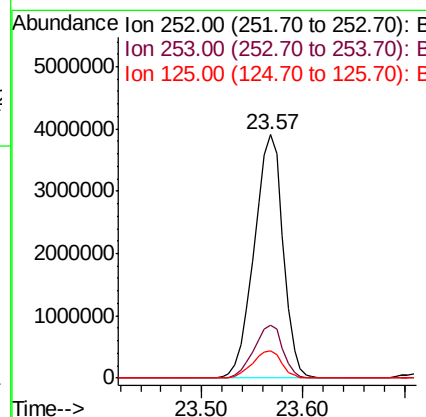
Manual Integrations
APPROVED

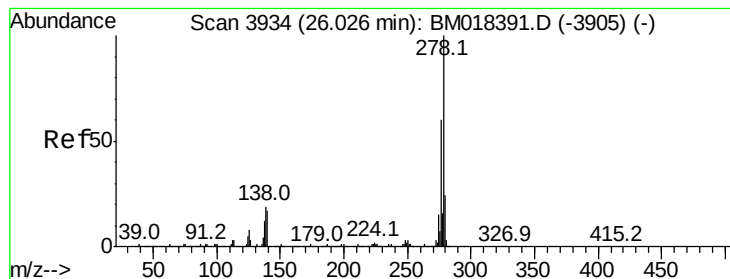
Sohil
12/28/2018 12:30:34 PM



#90
Benzo(a)pyrene
Concen: 41.912 ng
RT: 23.57 min Scan# 3516
Delta R.T. 0.00 min
Lab File: BM018417.D
Acq: 28 Dec 2018 04:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	11.5	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 36.678 ng

RT: 26.02 min Scan# 3933

Delta R.T. -0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

Instrument :

BNA_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 7042890

Ion Ratio Lower Upper

278 100

139 17.1 13.2 19.8

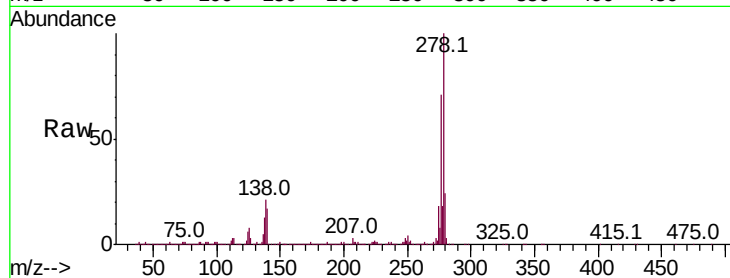
279 24.0 19.0 28.4

Manual Integrations

APPROVED

Sohil

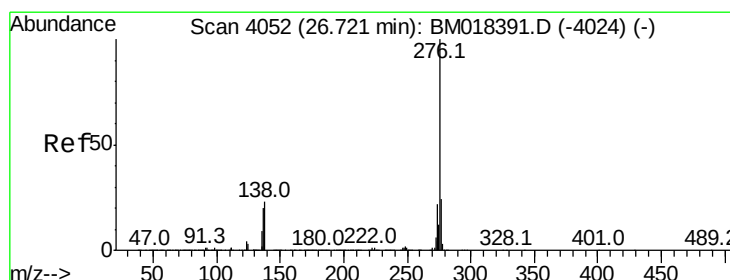
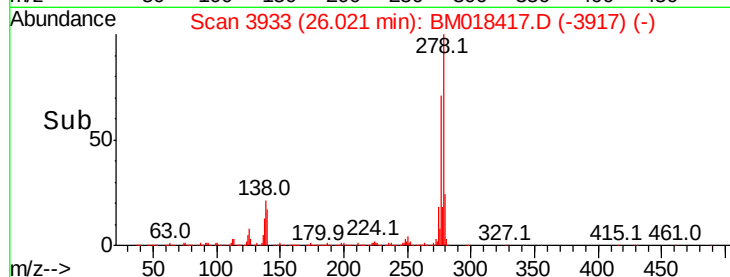
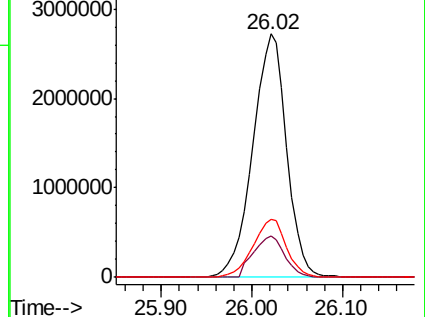
12/28/2018 12:30:34 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 35.799 ng

RT: 26.73 min Scan# 4053

Delta R.T. 0.01 min

Lab File: BM018417.D

Acq: 28 Dec 2018 04:15

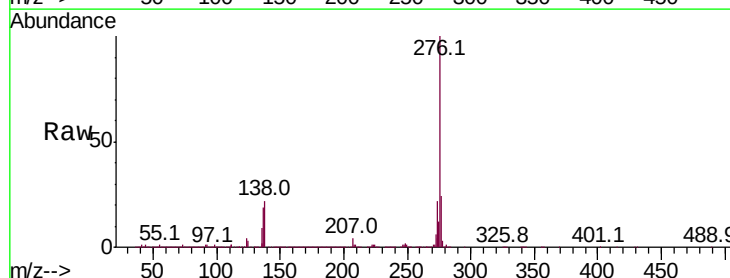
Tgt Ion:276 Resp: 6581891

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.6 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

