

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
 Data File : BM018838.D
 Acq On : 18 Feb 2019 15:00
 Operator : JU/SJ
 Sample : K1501-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Manual Integrations
 APPROVED

Sohil
 2/19/2019 10:03:05 AM

Quant Time: Feb 18 15:38:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	289820	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1228439	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	712372	20.00	ng	0.00
64) Phenanthrene-d10	17.11	188	1613610	20.00	ng	0.00
76) Chrysene-d12	21.30	240	1638538	20.00	ng	0.00
87) Perylene-d12	23.56	264	1381201	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2713341	153.40	ng	0.00
7) Phenol-d6	6.89	99	3874768	155.50	ng	0.00
23) Nitrobenzene-d5	8.87	82	2512164	94.56	ng	-0.01
42) 2,4,6-Tribromophenol	15.86	330	1493135	145.41	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4307710	80.27	ng	-0.01
79) Terphenyl-d14	19.74	244	7065084	88.95	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.25	88	301823	39.177 ng	98
3) Pyridine	3.65	79	859934	40.921 ng	100
4) n-Nitrosodimethylamine	3.57	42	300143	56.143 ng	95
6) Aniline	7.05	93	1500708	49.153 ng	99
8) 2-Chlorophenol	7.27	128	980412	50.484 ng	98
9) Benzaldehyde	6.86	77	525995	38.153 ng	98
10) Phenol	6.92	94	1599877	61.019 ng	99
11) bis(2-Chloroethyl)ether	7.15	93	943722	47.185 ng	100
12) 1,3-Dichlorobenzene	7.59	146	976903	44.736 ng	98
13) 1,4-Dichlorobenzene	7.74	146	1008324	45.356 ng	99
14) 1,2-Dichlorobenzene	8.05	146	976174	45.713 ng	98
15) Benzyl Alcohol	7.96	79	1000955	50.553 ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	922070	47.633 ng	98
17) 2-Methylphenol	8.15	107	850619	50.973 ng	99
18) Hexachloroethane	8.77	117	379113	46.715 ng	96
19) n-Nitroso-di-n-propylamine	8.52	70	912417	47.291 ng	98
20) 3+4-Methylphenols	8.48	107	1178251	51.132 ng	99
22) Acetophenone	8.54	105	1507234	44.678 ng	99
24) Nitrobenzene	8.92	77	1302046	47.215 ng	99
25) Isophorone	9.44	82	2285468	53.914 ng	100
26) 2-Nitrophenol	9.62	139	532640	48.500 ng	97
27) 2,4-Dimethylphenol	9.67	122	896892	55.915 ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1336814	48.767 ng	100
29) 2,4-Dichlorophenol	10.15	162	928119	50.392 ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	956286	44.959 ng	99
31) Naphthalene	10.55	128	2968991	49.556 ng	99
32) Benzoic acid	9.83	122	485386	34.690 ng	97
33) 4-Chloroaniline	10.67	127	968508	36.163 ng	100
34) Hexachlorobutadiene	10.81	225	517378	41.907 ng	100
35) Caprolactam	11.49	113	324117m	43.120 ng	
36) 4-Chloro-3-methylphenol	11.79	107	1110000	49.987 ng	100
37) 2-Methylnaphthalene	12.16	142	2205300	52.281 ng	99
38) 1-Methylnaphthalene	12.38	142	2091634	50.708 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	1024932	44.977 ng	99

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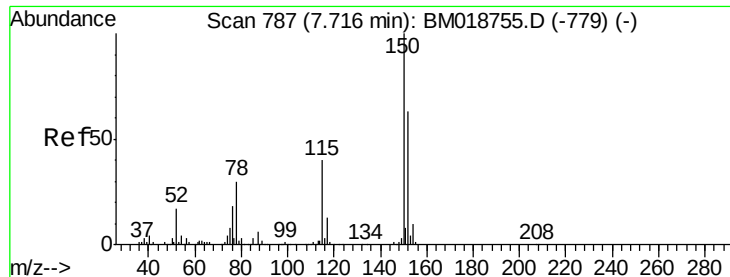
Manual Integrations
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 2/19/2019 10:03:05 AM

Quant Time: Feb 18 15:38:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1176129	100.947	nq	99
43) 2,4,6-Trichlorophenol	12.78	196	747022	49.518	nq	99
44) 2,4,5-Trichlorophenol	12.85	196	794598	50.253	nq	99
46) 1,1'-Biphenyl	13.19	154	2783782	45.398	nq	100
47) 2-Chloronaphthalene	13.23	162	2183726	46.107	nq	99
48) 2-Nitroaniline	13.45	65	794518	50.510	nq	100
49) Acenaphthylene	14.08	152	3592867	50.946	nq	100
50) Dimethylphthalate	13.83	163	3042278	51.244	nq	100
51) 2,6-Dinitrotoluene	13.95	165	625162	48.611	nq	99
52) Acenaphthene	14.42	154	2055584	47.535	nq	100
53) 3-Nitroaniline	14.29	138	534903	36.811	nq	99
54) 2,4-Dinitrophenol	14.49	184	709808	86.479	nq	100
55) Dibenzofuran	14.76	168	3353207	47.177	nq	99
56) 4-Nitrophenol	14.60	139	1111273	95.800	nq	99
57) 2,4-Dinitrotoluene	14.74	165	898137	50.686	nq	97
58) Fluorene	15.41	166	2784028	51.200	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	726446	51.977	nq	99
60) Diethylphthalate	15.19	149	2940225	48.010	nq	100
61) 4-Chlorophenyl-phenylether	15.40	204	1363754	44.732	nq	98
62) 4-Nitroaniline	15.46	138	652211	45.783	nq	98
63) Azobenzene	15.70	77	3194751	48.653	nq	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	499315	44.073	nq	98
66) n-Nitrosodiphenylamine	15.63	169	2409571	47.265	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	820832	45.446	nq	97
68) Hexachlorobenzene	16.40	284	951911	45.342	nq	99
69) Atrazine	16.58	200	802773	48.844	nq	98
70) Pentachlorophenol	16.76	266	1265418	93.613	nq	100
71) Phenanthrene	17.15	178	4372039	50.417	nq	100
72) Anthracene	17.24	178	4465568	52.906	nq	99
73) Carbazole	17.52	167	4096547	46.455	nq	99
74) Di-n-butylphthalate	18.07	149	5224792	51.518	nq	100
75) Fluoranthene	19.17	202	5110350	51.017	nq	99
77) Benzidine	19.37	184	3297511	89.358	nq	100
78) Pyrene	19.54	202	5176129	54.391	nq	99
80) Butylbenzylphthalate	20.44	149	2512810	57.938	nq	98
81) Benzo(a)anthracene	21.29	228	4980476	52.144	nq	100
82) 3,3'-Dichlorobenzidine	21.23	252	1560856	41.349	nq	98
83) Chrysene	21.34	228	4637748	50.659	nq	99
84) Bis(2-ethylhexyl)phthalate	21.21	149	3655126	57.582	nq	99
85) Di-n-octyl phthalate	22.09	149	6100026	57.177	nq	100
86) Indeno(1,2,3-cd)pyrene	25.85	276	4200482	39.741	nq	99
88) Benzo(b)fluoranthene	22.88	252	4452065	56.338	nq	99
89) Benzo(k)fluoranthene	22.93	252	4211722	53.534	nq	100
90) Benzo(a)pyrene	23.46	252	4002784	53.470	nq	99
91) Dibenzo(a,h)anthracene	25.86	278	3580582	48.277	nq	98
92) Benzo(g,h,i)perylene	26.55	276	3335658	48.309	nq	99

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



#1

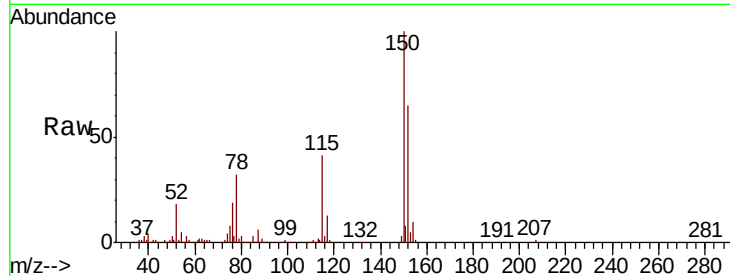
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	127.3	190.9
115	63.9	50.8	76.2

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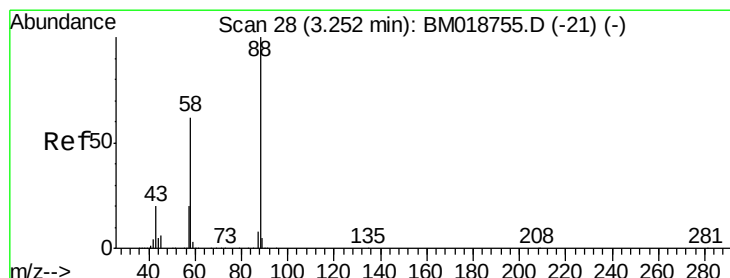
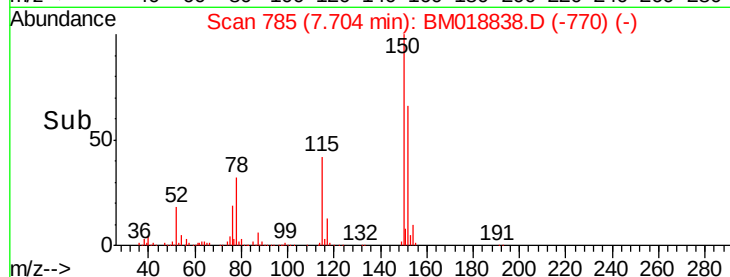
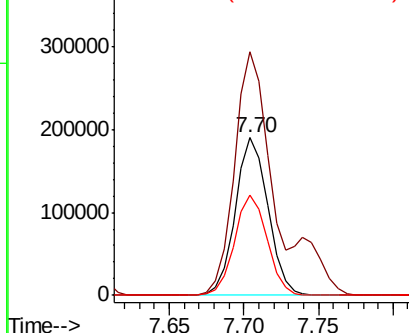


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

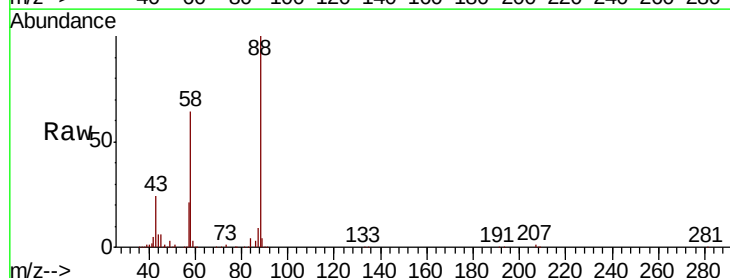
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.177 ng
RT: 3.25 min Scan# 28
Delta R.T. -0.00 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	49.8	74.6
43	21.4	16.7	25.1

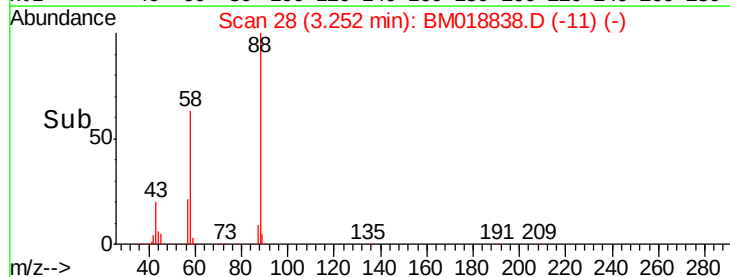
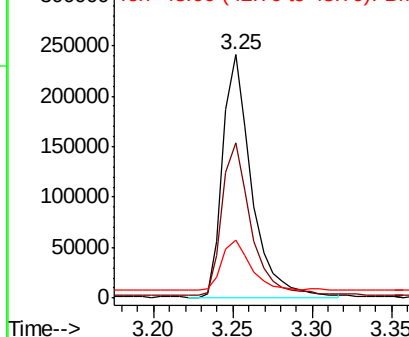


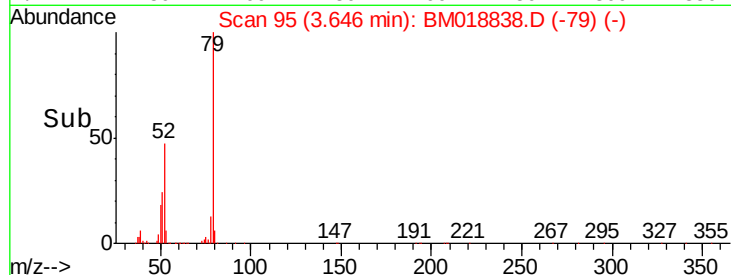
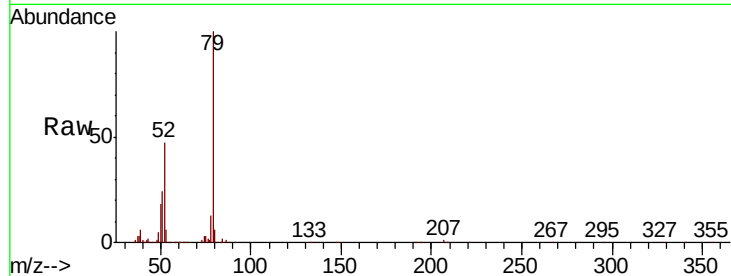
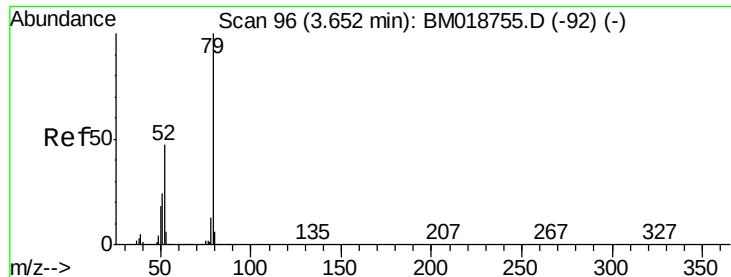
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





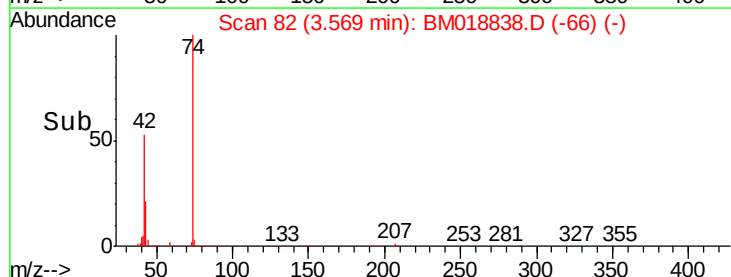
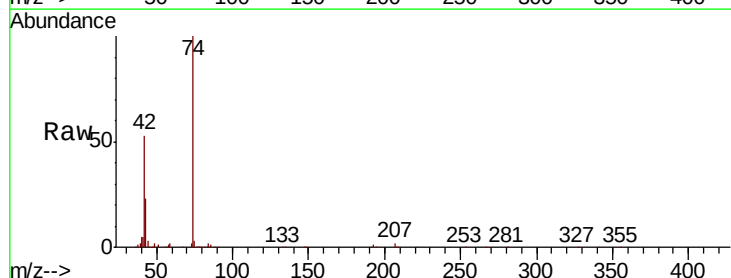
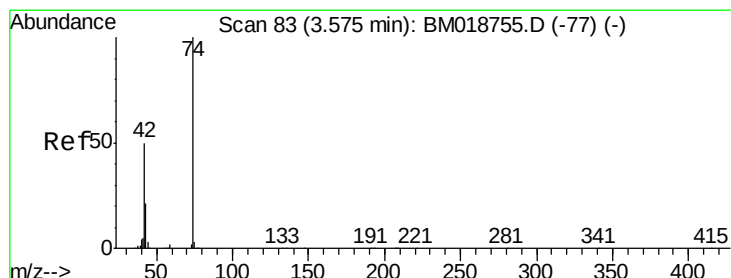
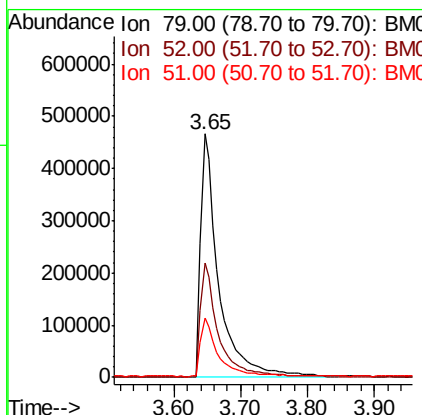
#3
 Pvridine
 Concen: 40.921 ng
 RT: 3.65 min Scan# 95
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.0	37.6	56.4
51	24.2	19.7	29.5

Instrument :
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 CH-021419MSD

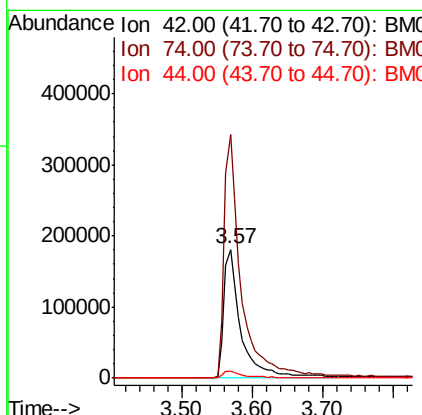
Manual Integrations
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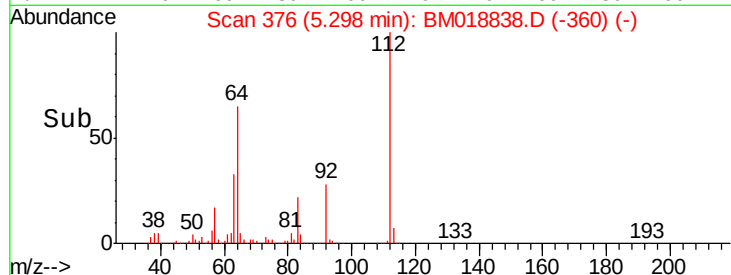
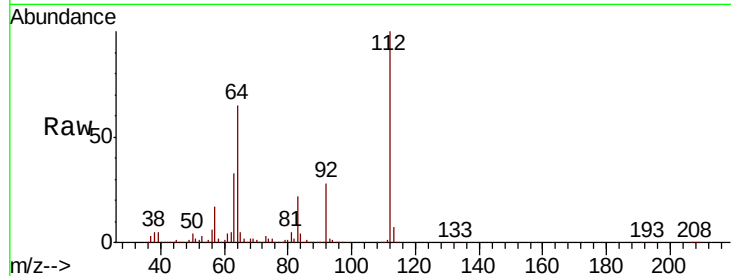
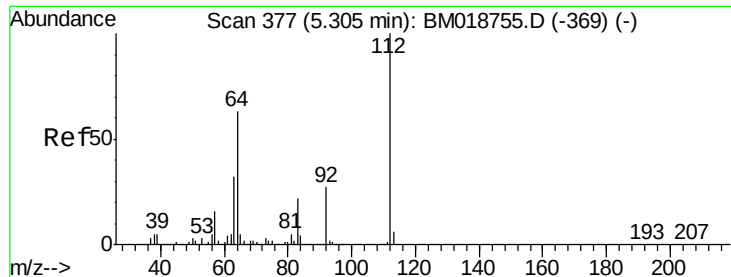
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#4
 n-Nitrosodimethylamine
 Concen: 56.143 ng
 RT: 3.57 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	189.3	158.1	237.1
44	5.7	4.9	7.3





#5

2-Fluorophenol

Concen: 153.397 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Tot Ion:	112	Resp:	2713341
Ion	Ratio	Lower	Upper
112	100		
64	64.9	50.6	75.8
63	33.1	25.7	38.5

Instrument :

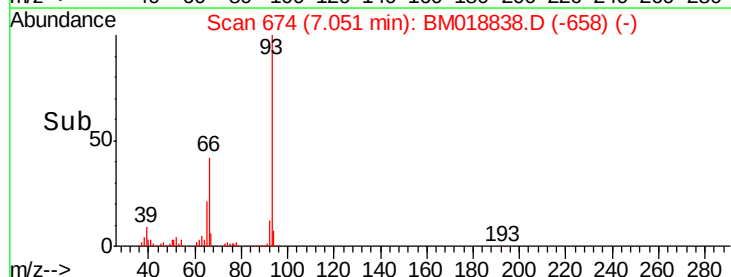
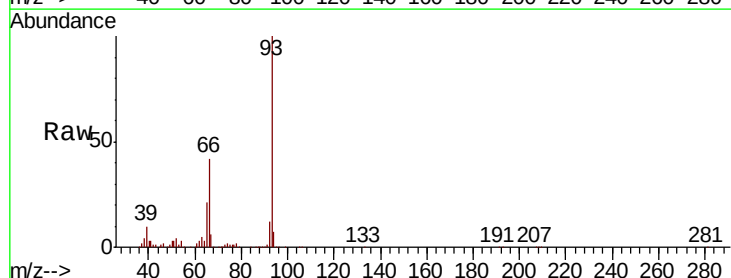
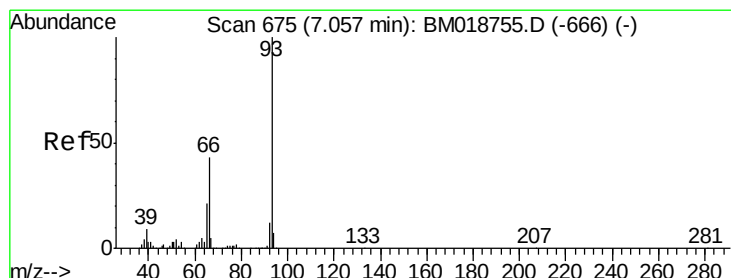
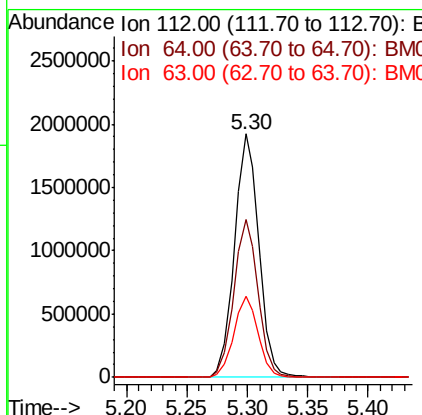
BNA_M

ClientSampleId :

CH-021419MSD

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#6

Aniline

Concen: 49.153 ng

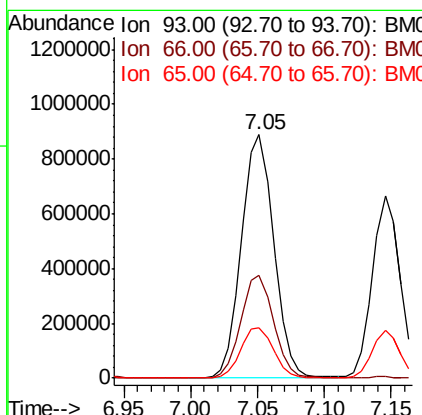
RT: 7.05 min Scan# 674

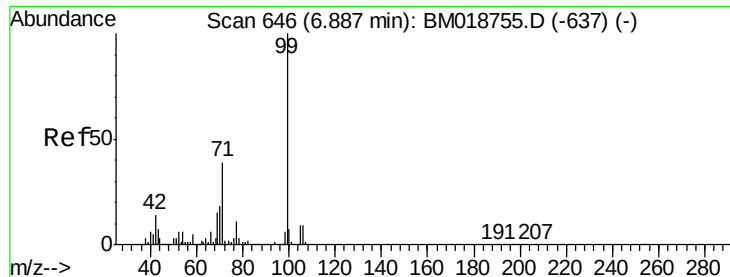
Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Tgt Ion:	93	Resp:	1500708
Ion	Ratio	Lower	Upper
93	100		
66	42.0	34.1	51.1
65	20.9	16.6	24.8





#7

Phenol-d6

Concen: 155.497 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.00 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion: 99 Resp: 3874768

Ion Ratio Lower Upper

99 100

42 14.3 11.0 16.6

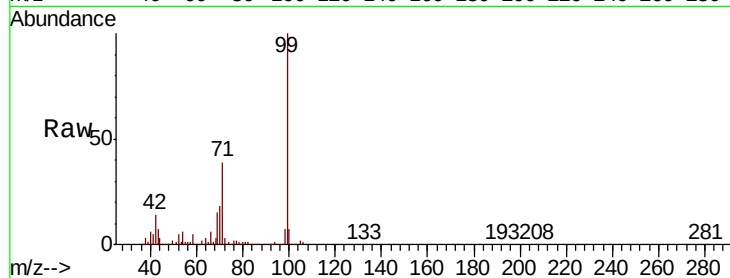
71 39.0 31.3 46.9

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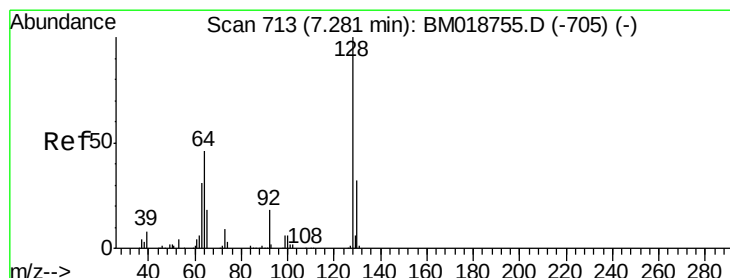
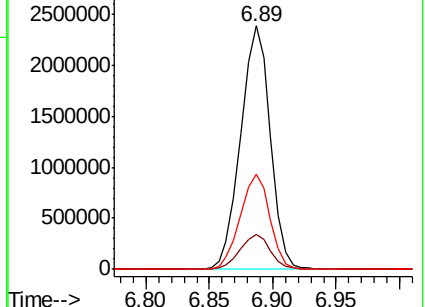
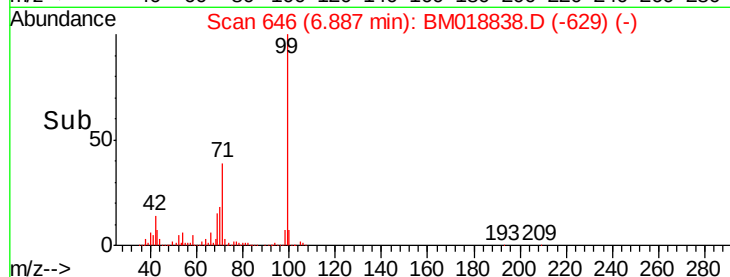
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Abundance Ion 99.00 (98.70 to 99.70): BM018838.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018838.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018838.D (-629) (-)



#8

2-Chlorophenol

Concen: 50.484 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

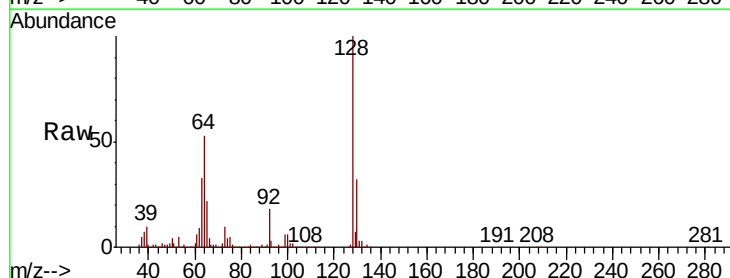
Tgt Ion: 128 Resp: 980412

Ion Ratio Lower Upper

128 100

130 32.4 11.7 51.7

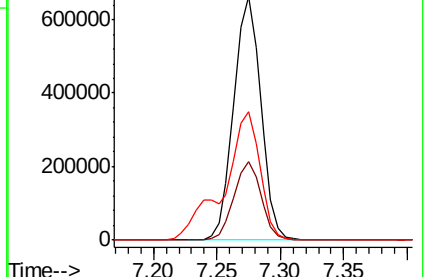
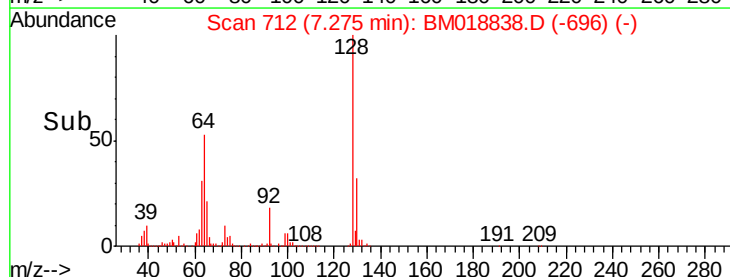
64 52.9 31.0 71.0

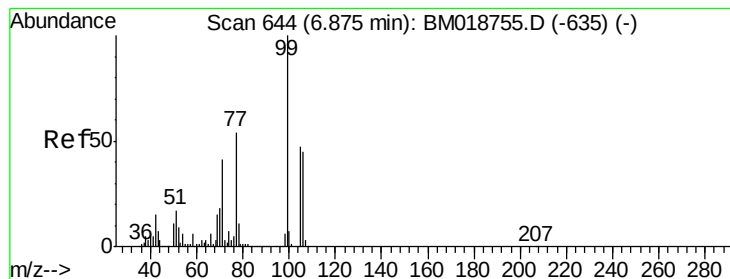


Abundance Ion 128.00 (127.70 to 128.70): BM018838.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018838.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018838.D (-696) (-)





#9

Benzaldehyde

Concen: 38.153 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

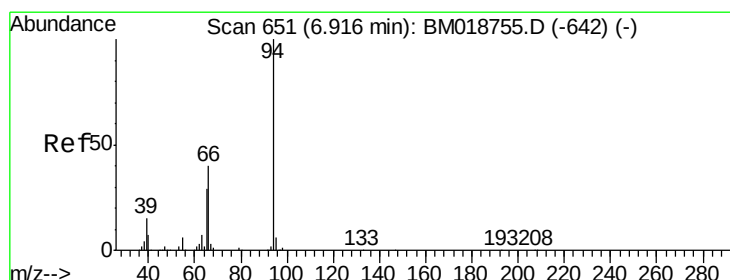
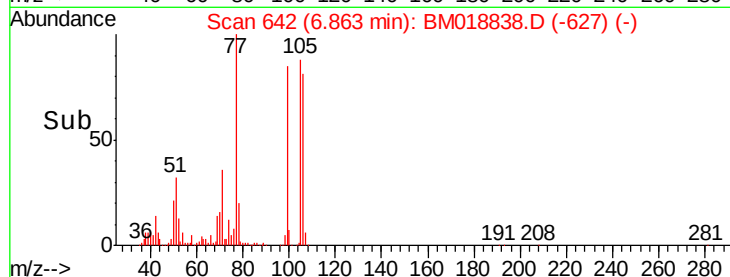
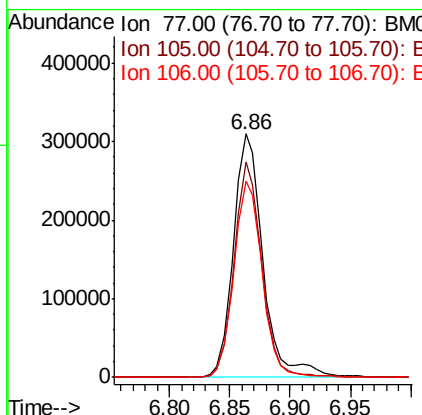
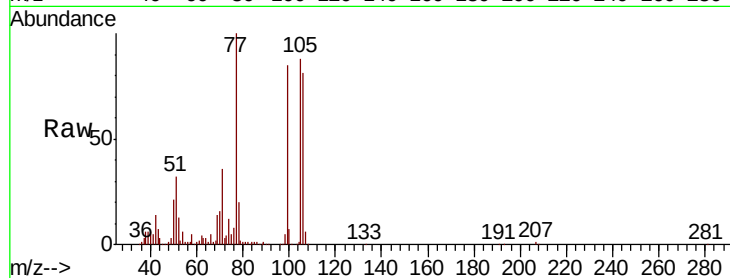
ClientSampleId :

CH-021419MSD

Tot Ion:	77	Resp:	525995
Ion Ratio	Lower	Upper	
77	100		
105	88.4	67.3	107.3
106	80.7	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 61.019 ng

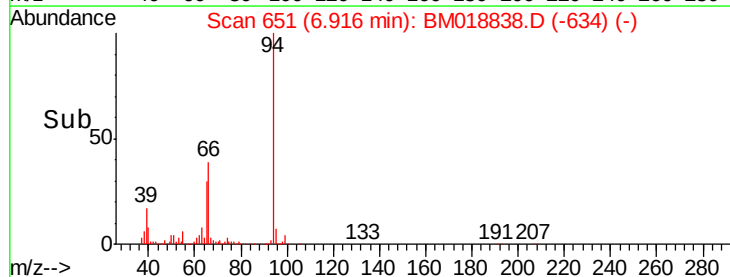
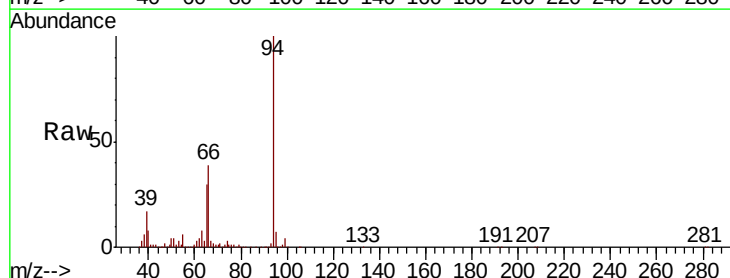
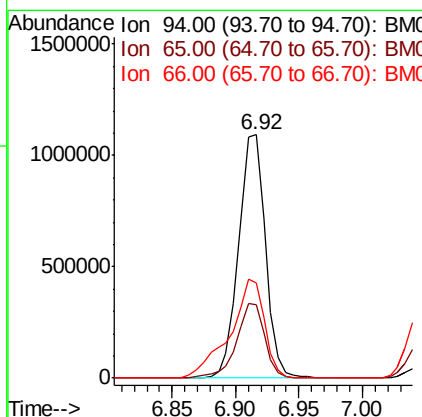
RT: 6.92 min Scan# 651

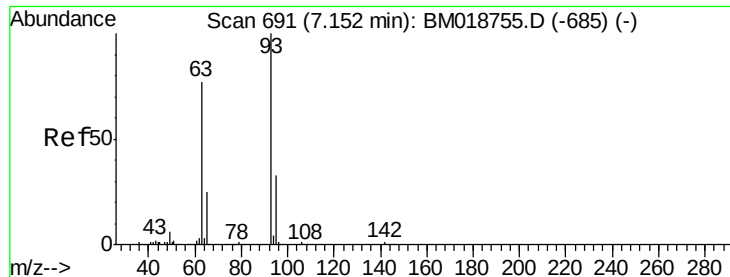
Delta R.T. -0.00 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Tgt Ion:	94	Resp:	1599877
Ion Ratio	Lower	Upper	
94	100		
65	30.1	9.6	49.6
66	39.3	20.4	60.4





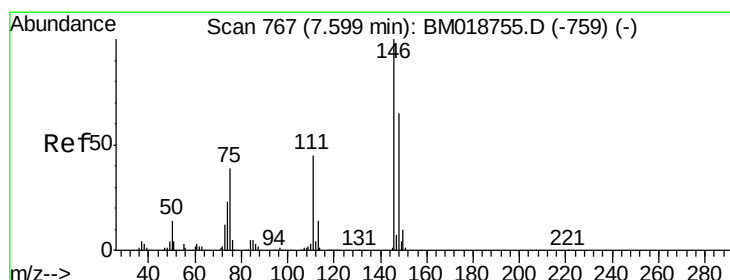
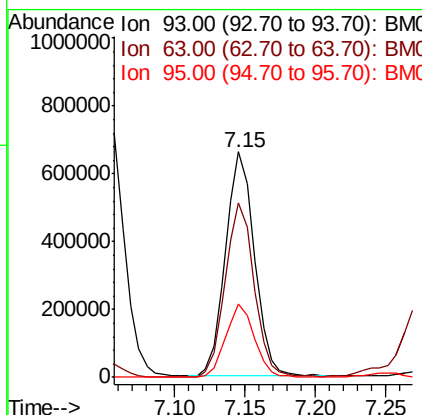
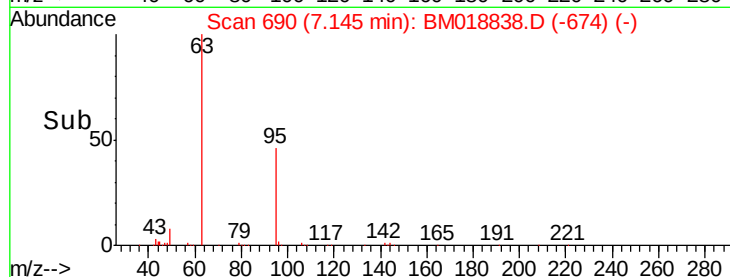
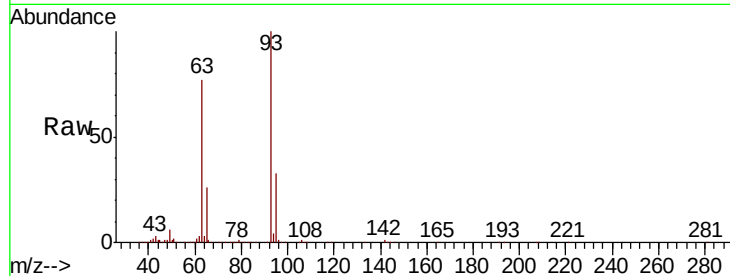
#11
bis(2-Chloroethyl)ether
Concen: 47.185 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.2	57.0	97.0
95	32.5	12.4	52.4

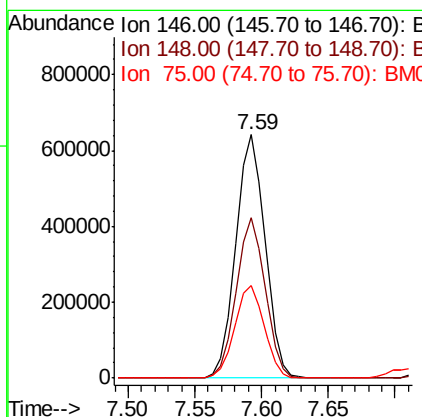
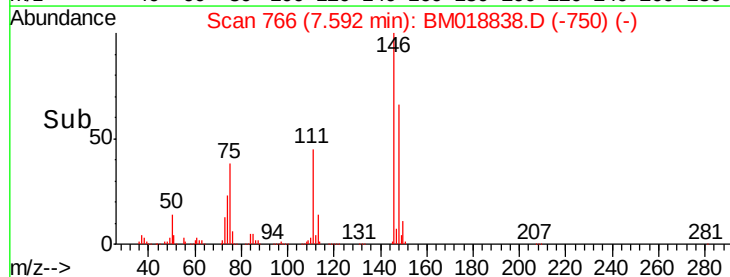
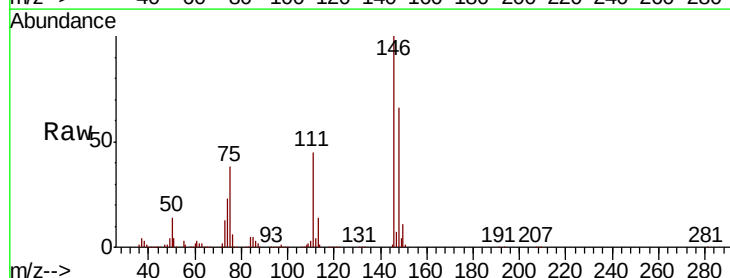
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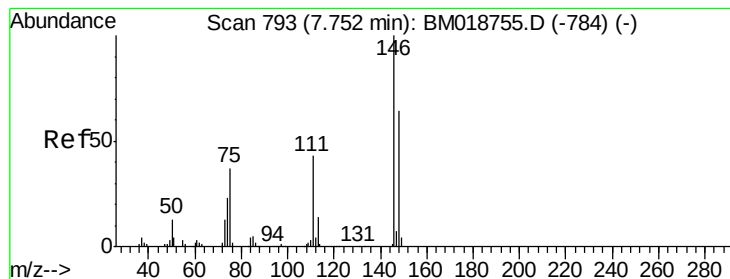
Sohil
2/19/2019 10:03:05 AM



#12
1,3-Dichlorobenzene
Concen: 44.736 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	51.7	77.5
75	38.2	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 45.356 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:146 Resp: 1008324

Ion Ratio Lower Upper

146 100

148 65.0 51.4 77.2

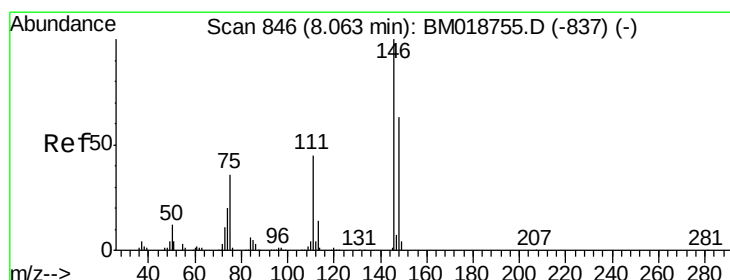
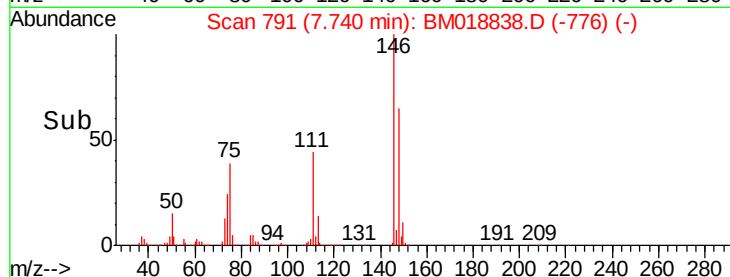
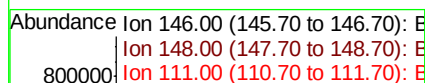
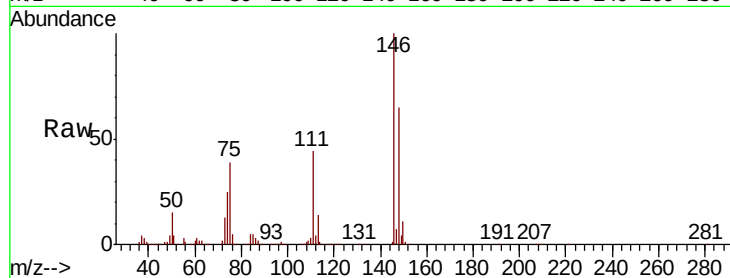
111 43.9 34.6 52.0

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 45.713 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

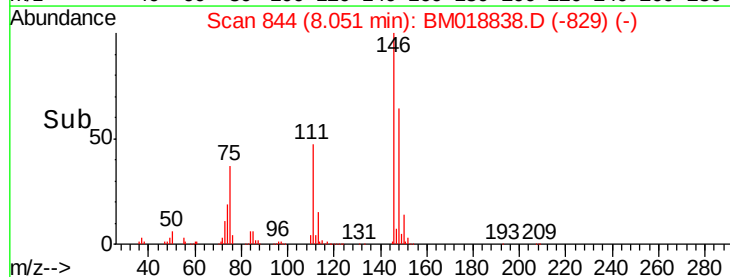
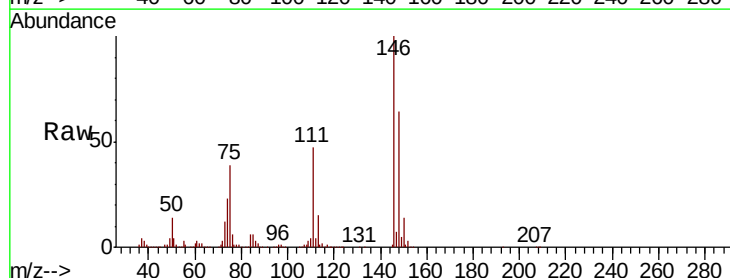
Tgt Ion:146 Resp: 976174

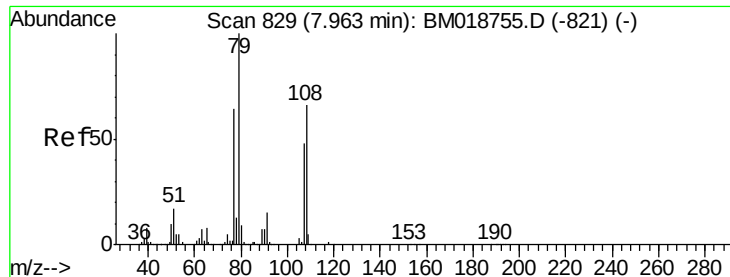
Ion Ratio Lower Upper

146 100

148 64.3 50.7 76.1

111 46.7 35.9 53.9





#15

Benzyl Alcohol

Concen: 50.553 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion: 79 Resp: 1000955

Ion Ratio Lower Upper

79 100

108 65.6 52.7 79.1

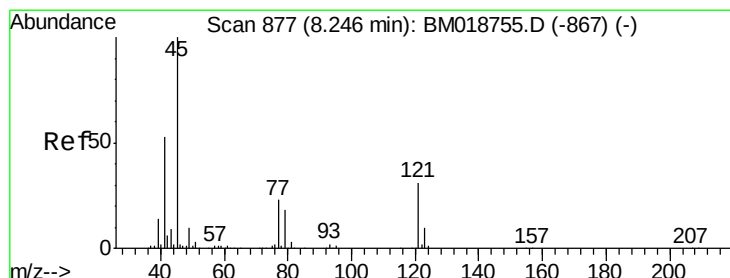
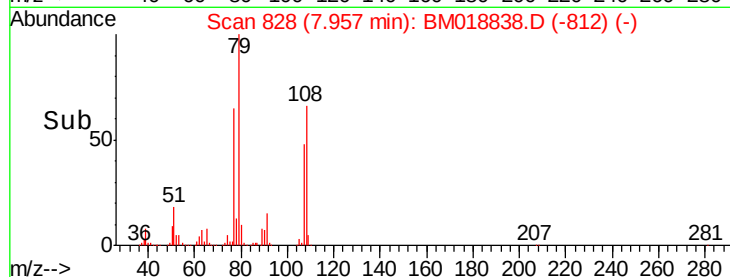
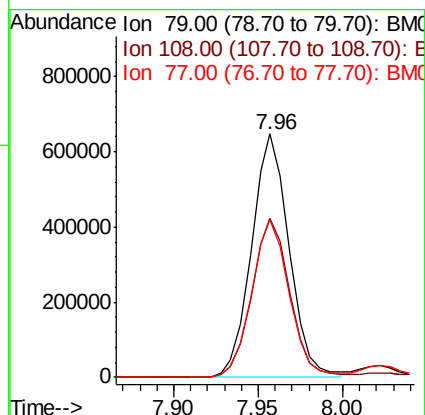
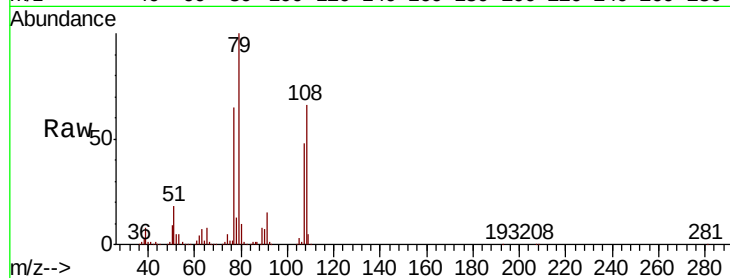
77 65.1 51.0 76.4

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.633 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

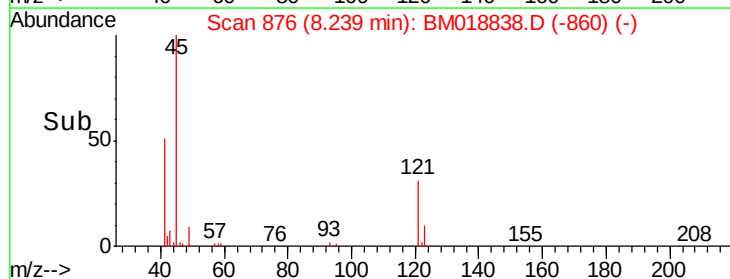
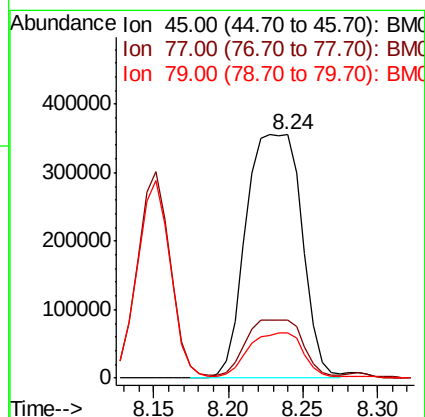
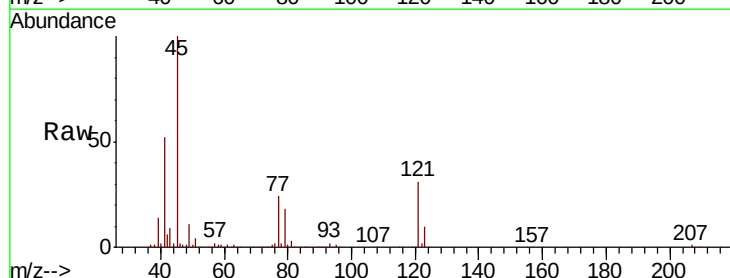
Tgt Ion: 45 Resp: 922070

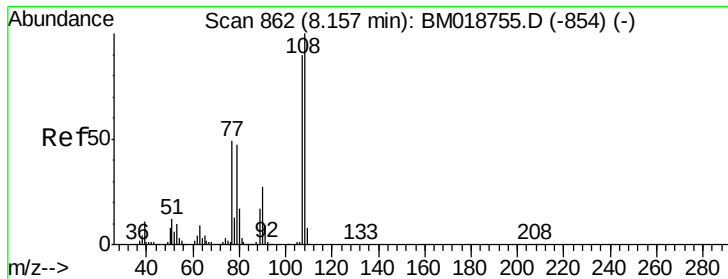
Ion Ratio Lower Upper

45 100

77 23.7 5.0 45.0

79 18.4 0.0 39.3





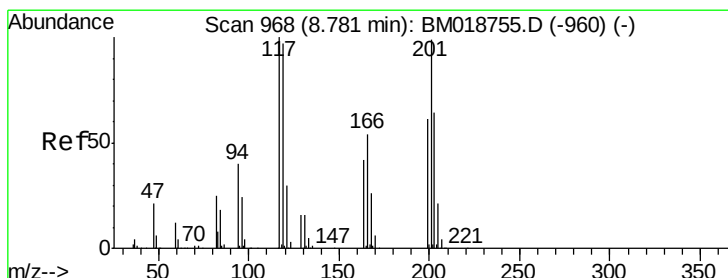
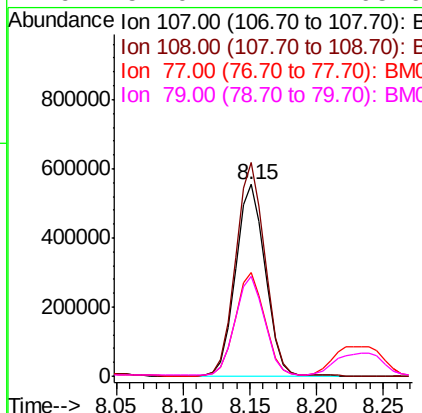
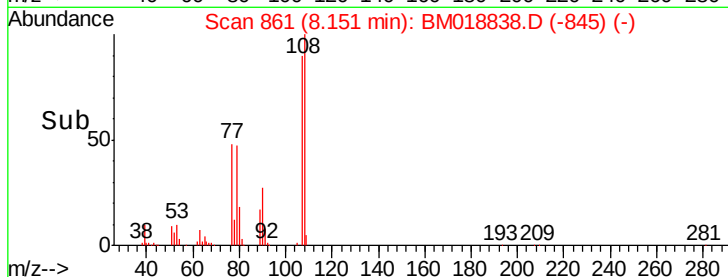
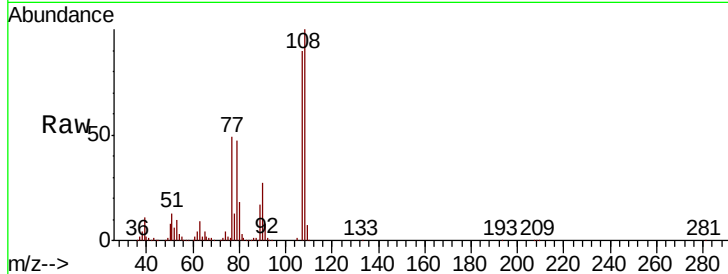
#17
2-Methylphenol
Concen: 50.973 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.5	88.8	133.2	
77	54.3	44.0	66.0	
79	52.0	42.4	63.6	

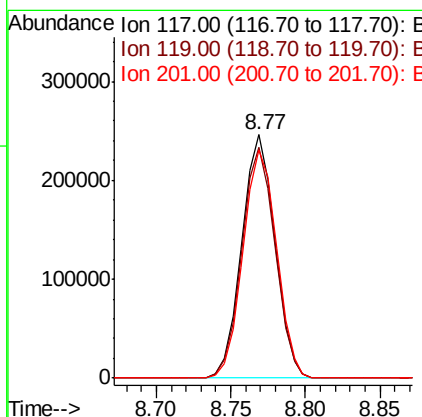
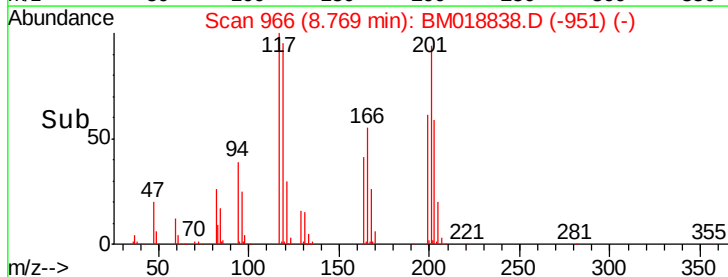
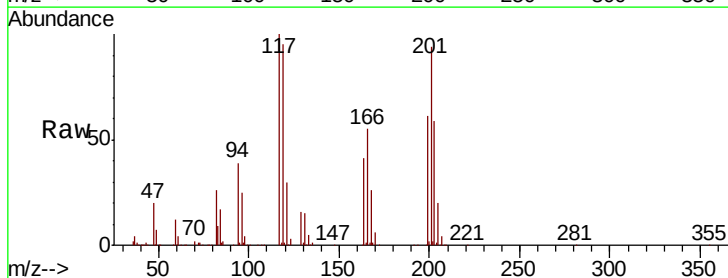
Manual Integrations
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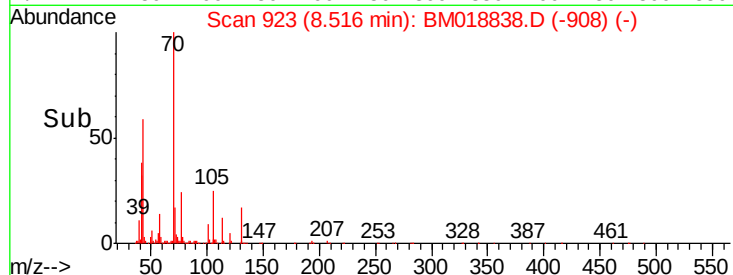
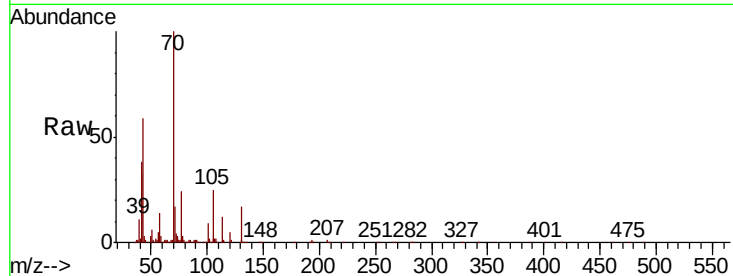
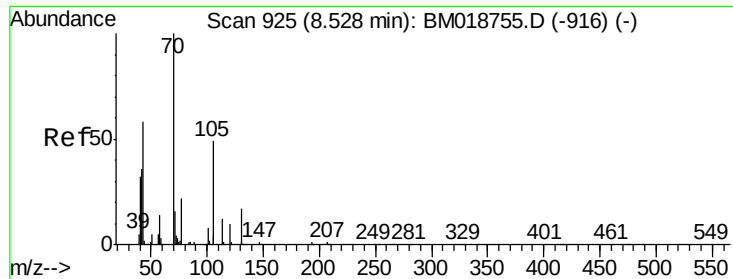
Sohil
2/19/2019 10:03:05 AM



#18
Hexachloroethane
Concen: 46.715 ng
RT: 8.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	77.9	116.9	
201	94.0	79.2	118.8	





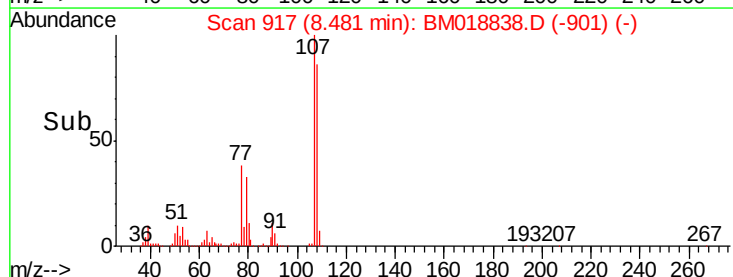
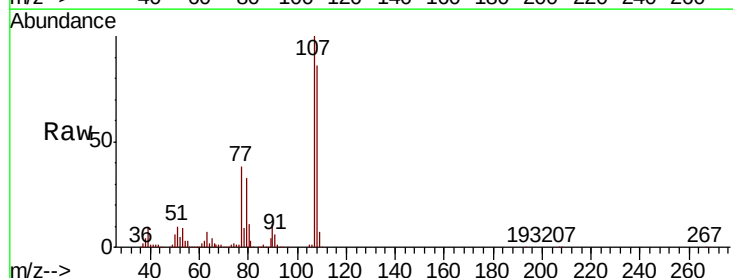
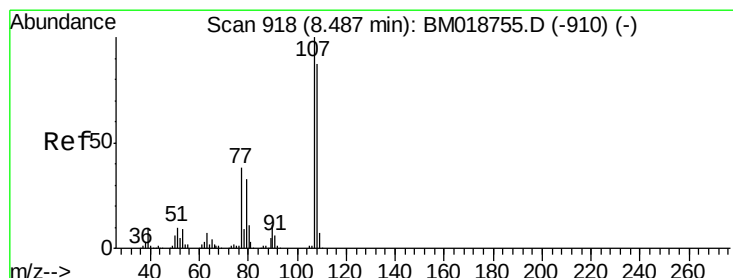
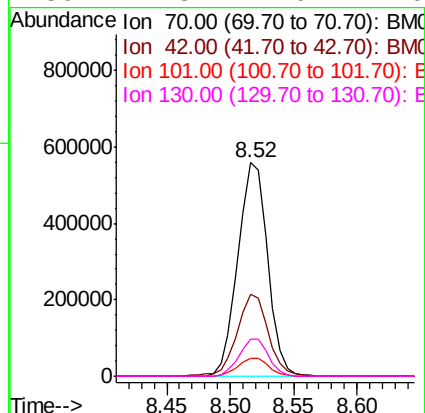
#19
n-Nitroso-di-n-propylamine
Concen: 47.291 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.4	29.4	44.0	
101	8.5	6.7	10.1	
130	17.3	14.0	21.0	

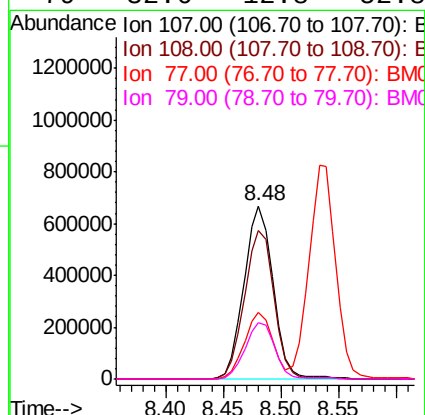
Manual Integrations
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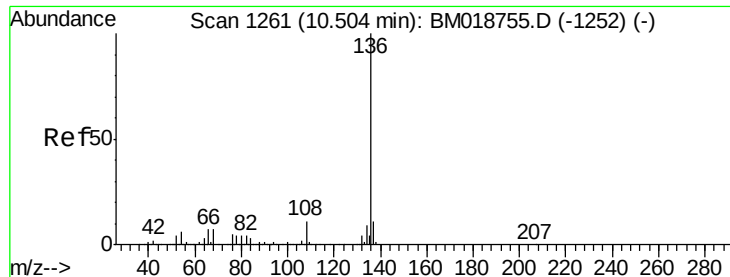
Sohil
2/19/2019 10:03:05 AM



#20
3+4-Methylphenols
Concen: 51.132 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	67.3	107.3	
77	38.4	18.0	58.0	
79	32.6	12.8	52.8	





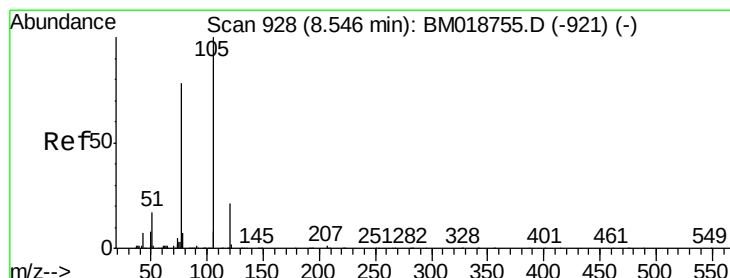
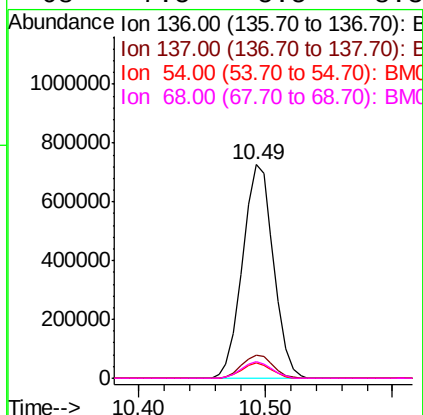
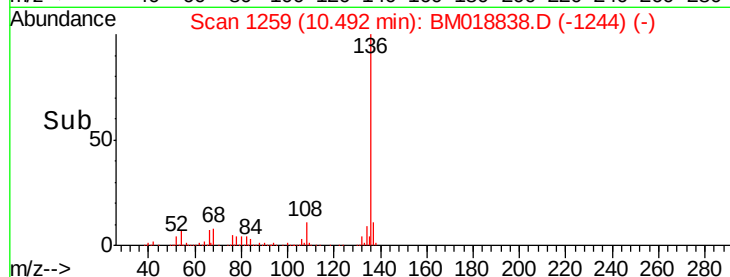
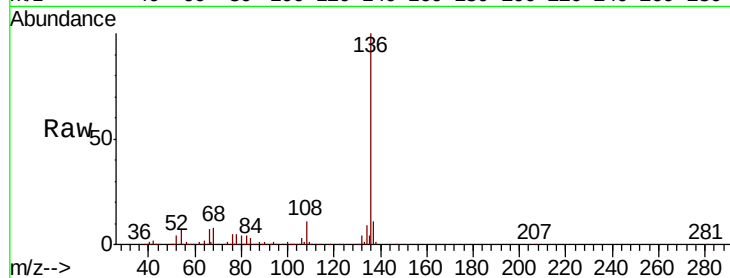
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	136	Resp	1228439
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.2	5.0	7.6
68	7.5	5.5	8.3

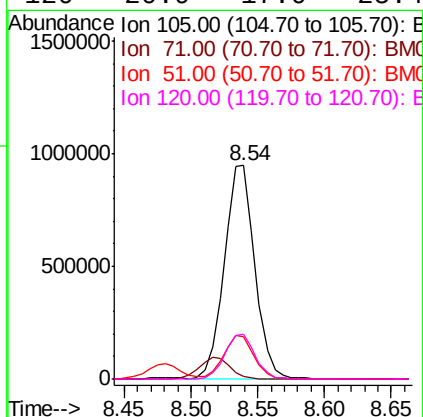
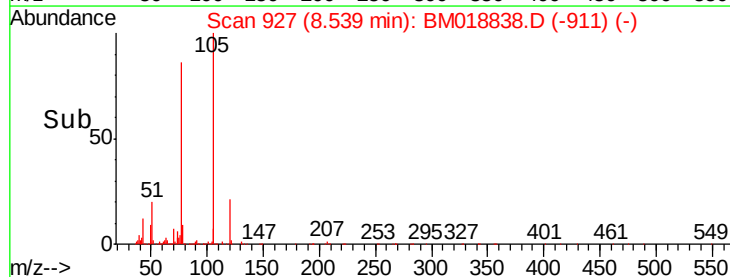
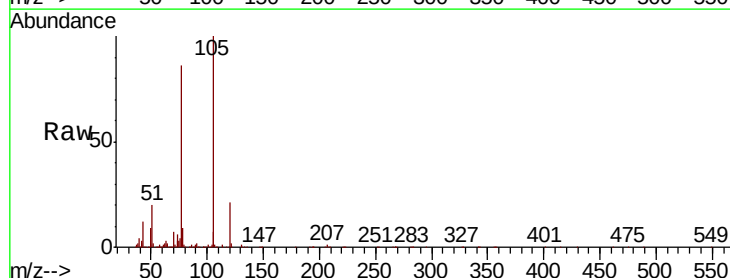
Manual Integrations
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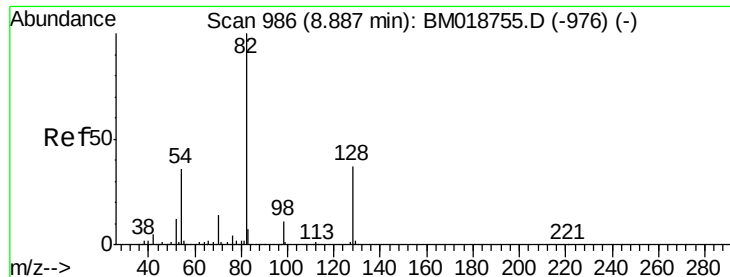
Sohil
2/19/2019 10:03:05 AM



#22
Acetophenone
Concen: 44.678 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	105	Resp	1507234
Ion	Ratio	Lower	Upper
105	100		
71	1.2	1.1	1.7
51	19.6	15.5	23.3
120	20.9	17.0	25.4





#23

Nitrobenzene-d5

Concen: 94.558 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

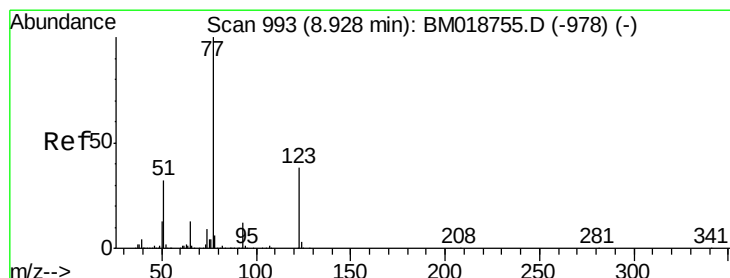
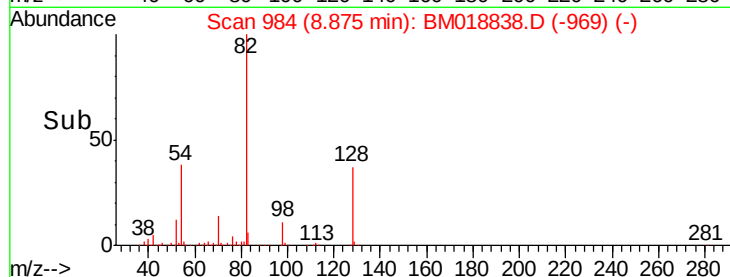
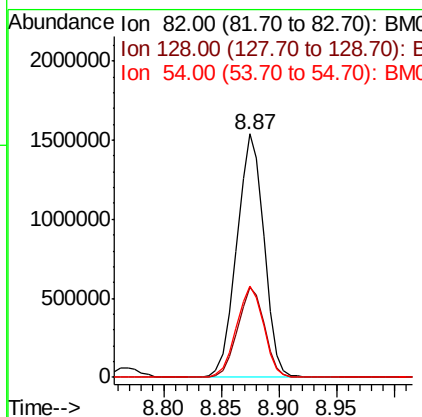
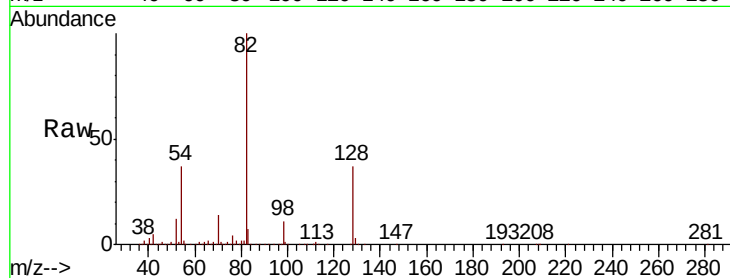
ClientSampleId :

CH-021419MSD

Tot Ion:	82	Resp:	2512164
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	37.4	29.1	43.7

Manual Integrations
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#24

Nitrobenzene

Concen: 47.215 ng

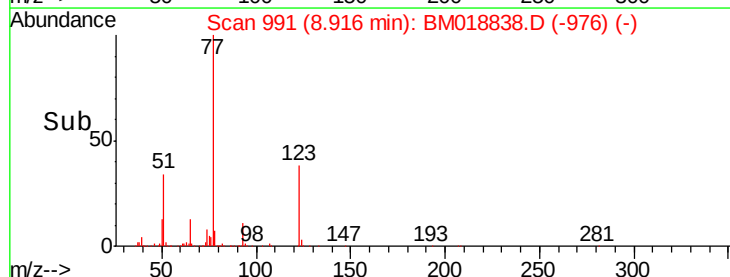
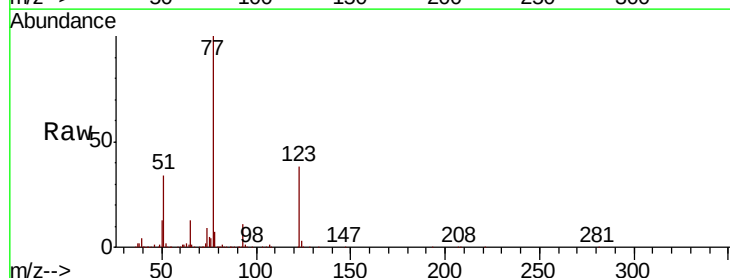
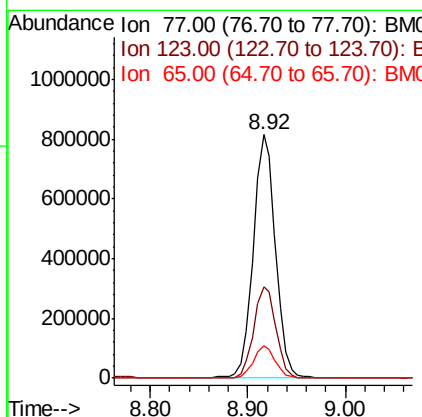
RT: 8.92 min Scan# 991

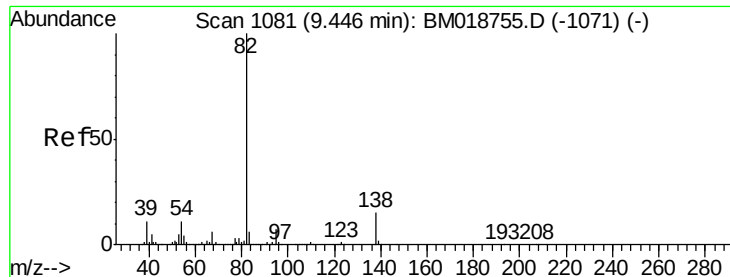
Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Tgt Ion:	77	Resp:	1302046
Ion	Ratio	Lower	Upper
77	100		
123	37.7	30.7	46.1
65	13.1	10.5	15.7





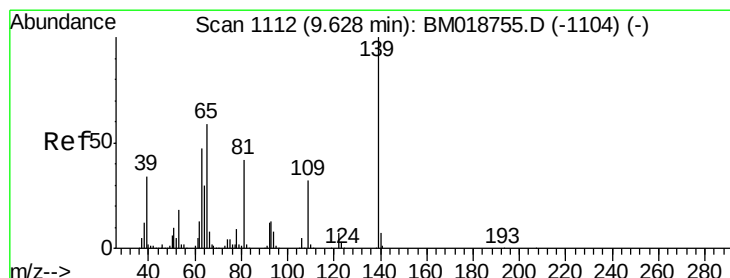
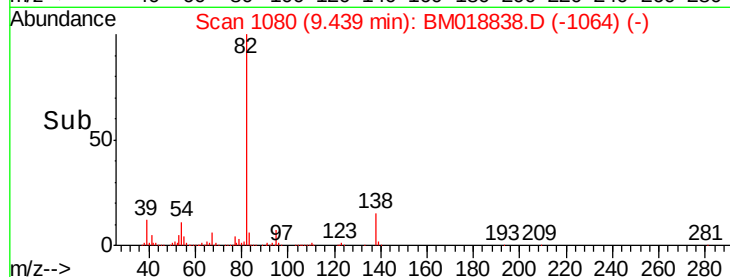
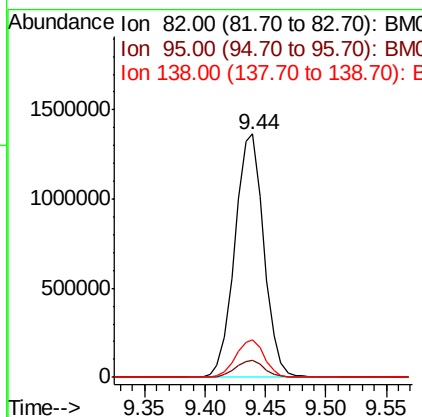
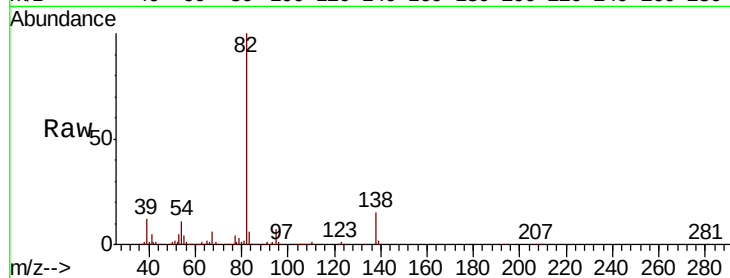
#25
Isophorone
Concen: 53.914 ng
RT: 9.44 min Scan# 1080
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	15.4	12.3	18.5

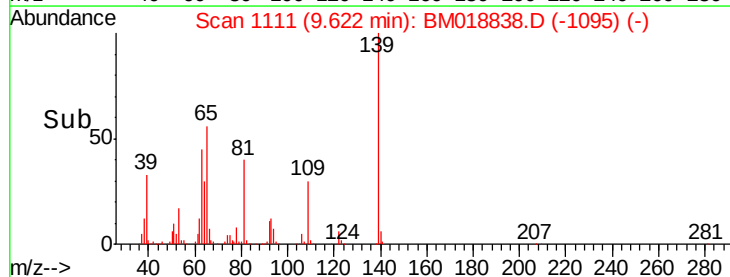
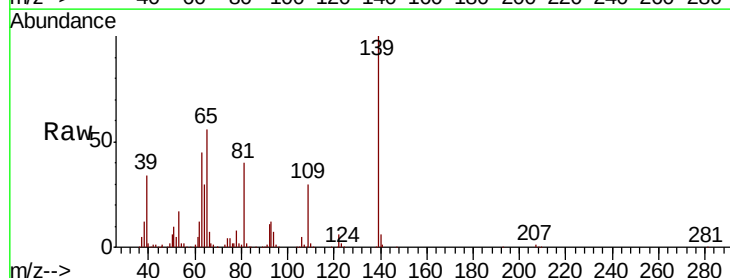
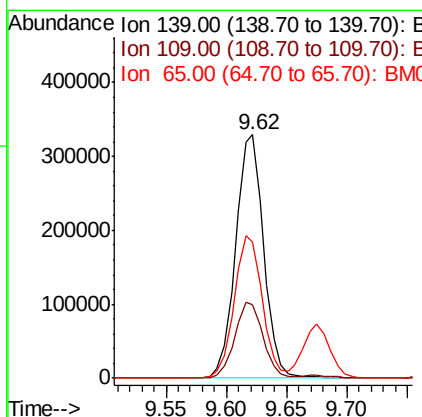
Manual Integrations
APPROVED

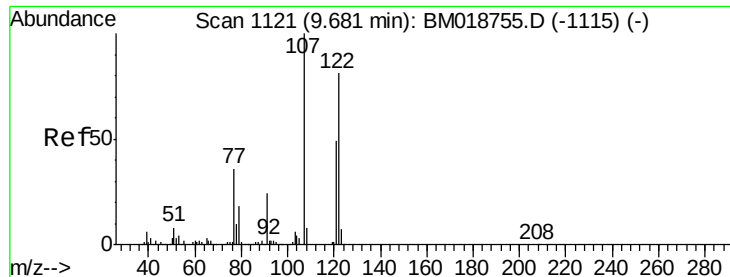
Sohil
2/19/2019 10:03:05 AM



#26
2-Nitrophenol
Concen: 48.500 ng
RT: 9.62 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.3	25.2	37.8
65	56.1	47.0	70.4





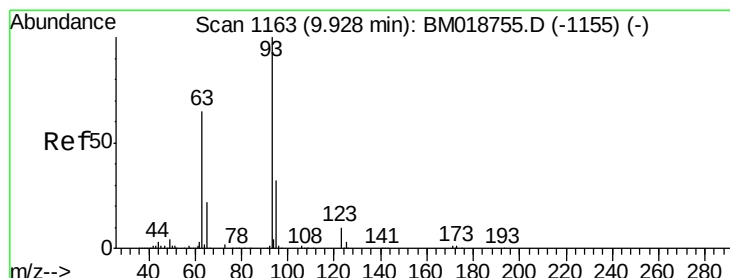
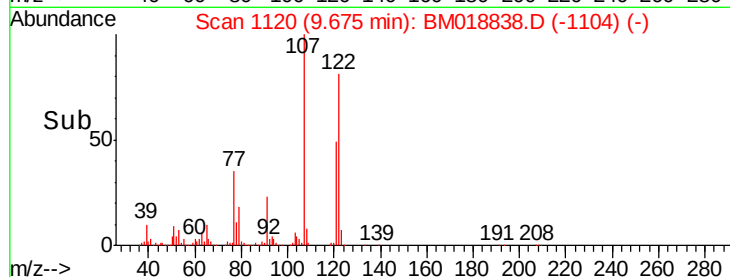
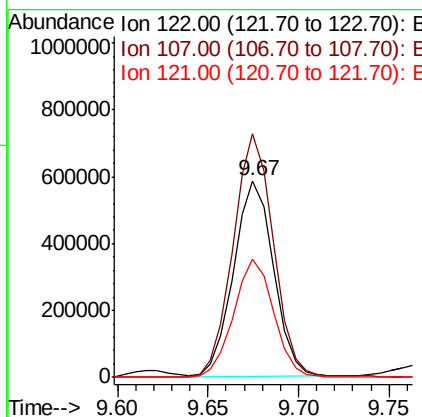
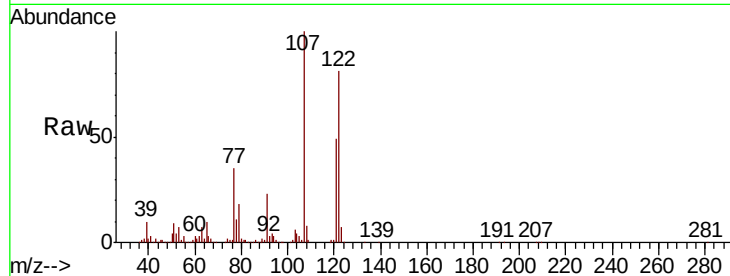
#27
 2,4-Dimethylphenol
 Concen: 55.915 ng
 RT: 9.67 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	97.6	146.4
121	60.3	47.9	71.9

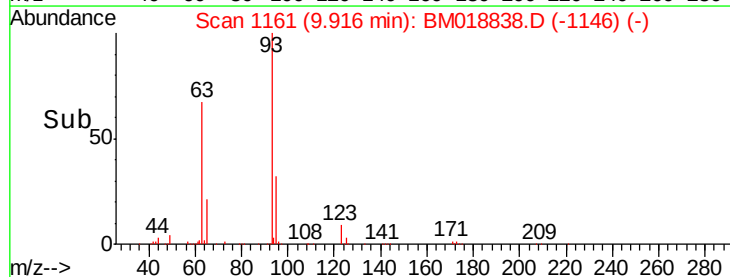
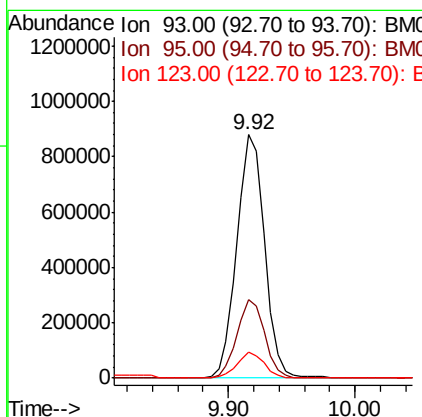
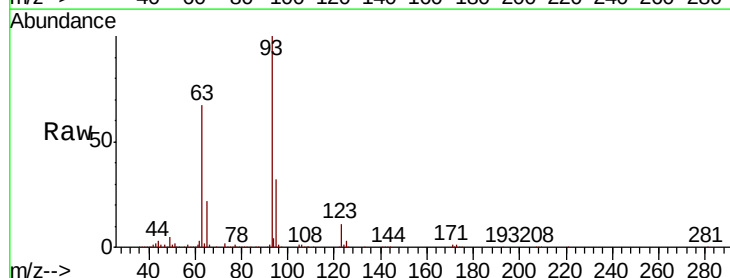
Manual Integrations
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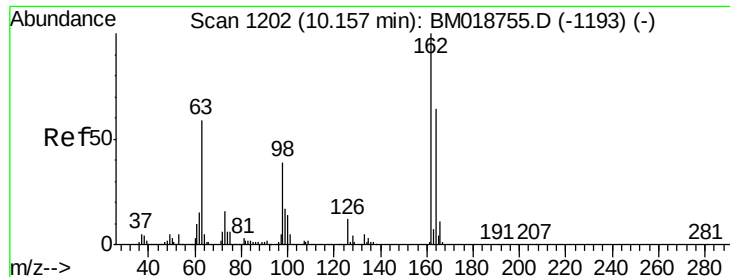
Sohil
 2/19/2019 10:03:05 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.767 ng
 RT: 9.92 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	10.5	8.2	12.4





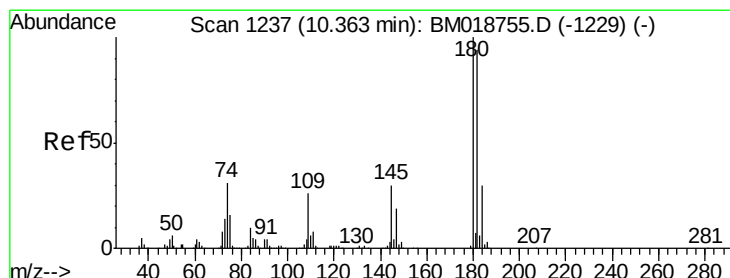
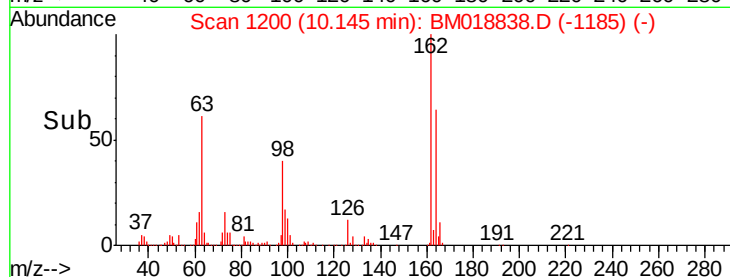
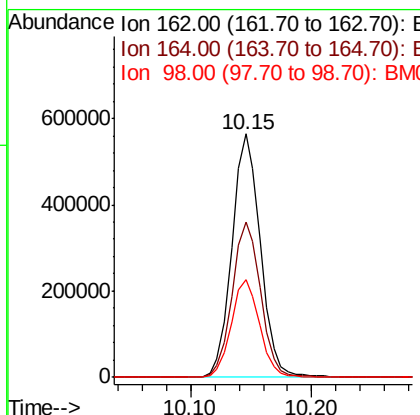
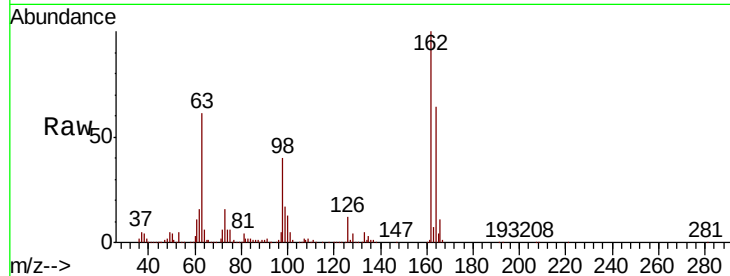
#29
2,4-Dichlorophenol
Concen: 50.392 ng
RT: 10.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.8	44.1	84.1
98	40.0	19.4	59.4

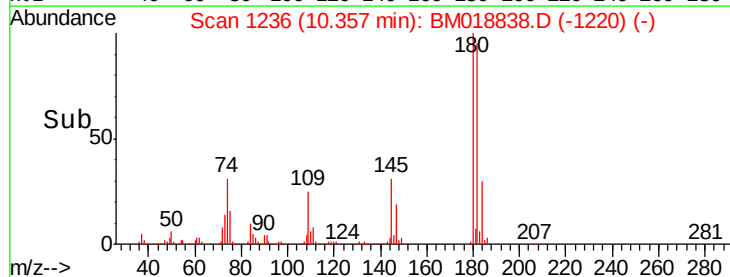
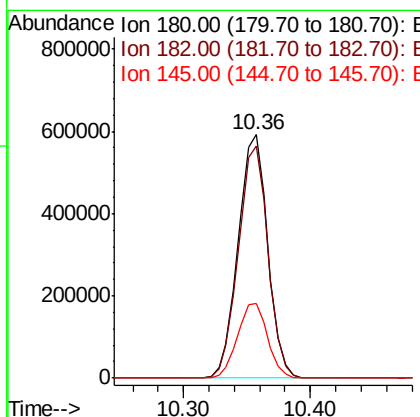
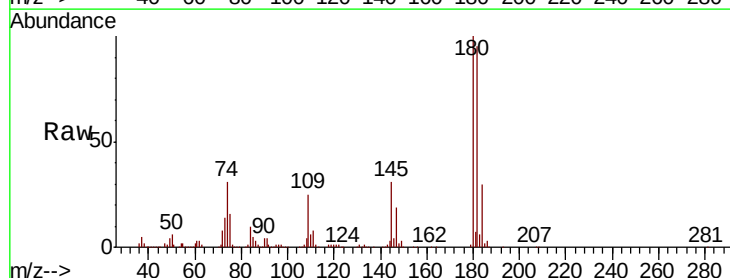
Manual Integrations
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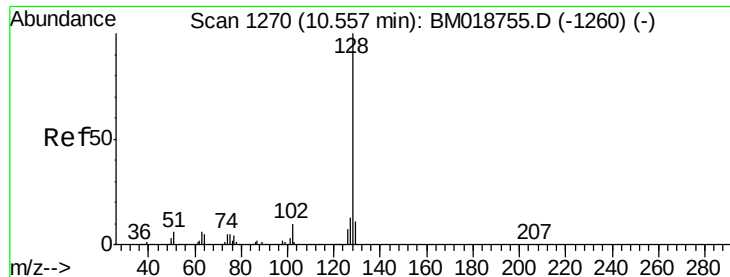
Sohil
2/19/2019 10:03:05 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.959 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	75.0	112.6
145	30.5	24.1	36.1





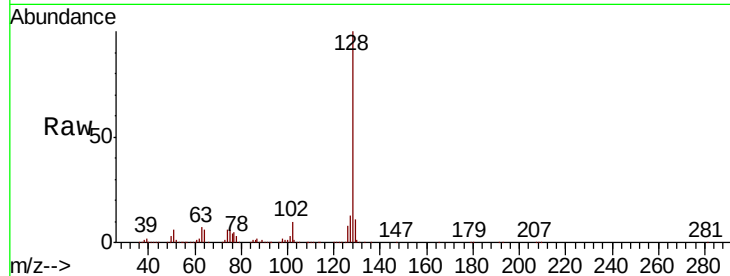
#31
Naphthalene
Concen: 49.556 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.1	10.7	16.1

Manual Integrations
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2/19/2019 10:03:05 AM

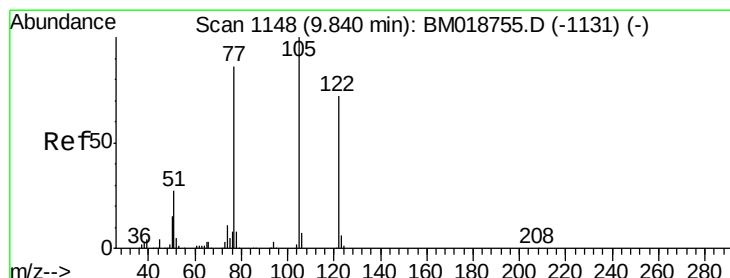
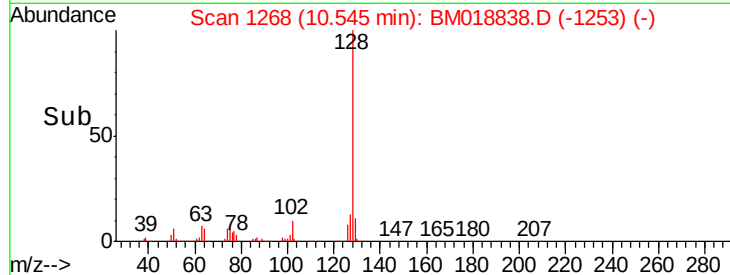
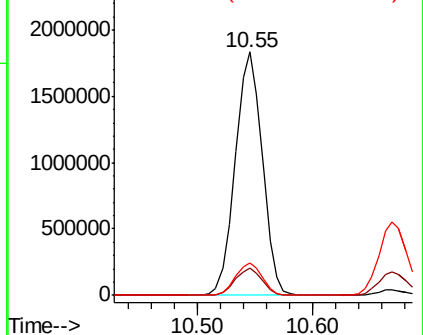


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 34.690 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

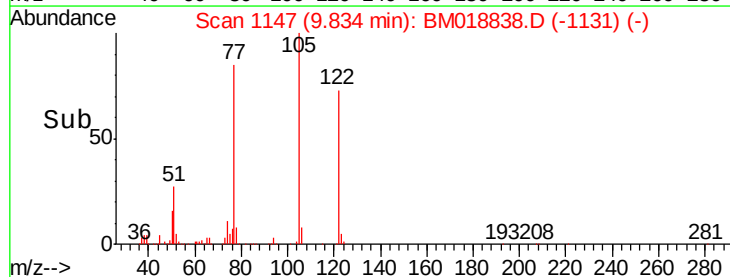
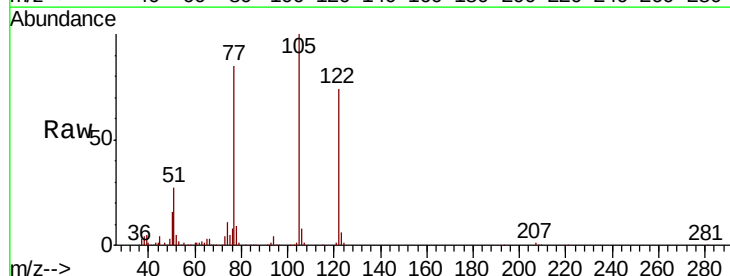
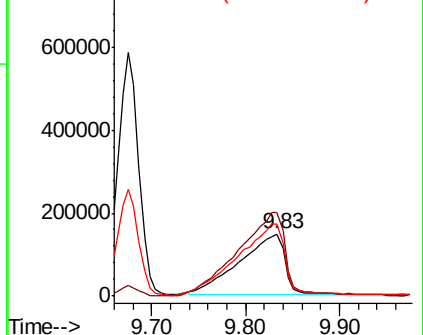
Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	117.5	157.5
77	115.0	98.5	138.5

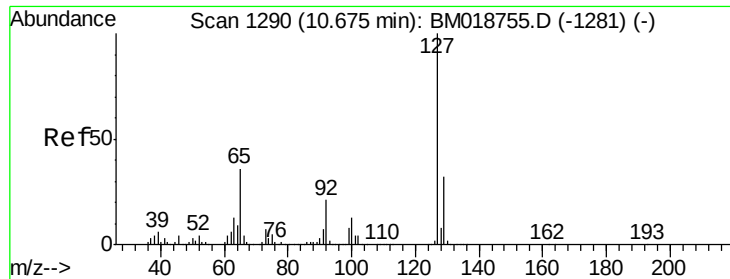
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





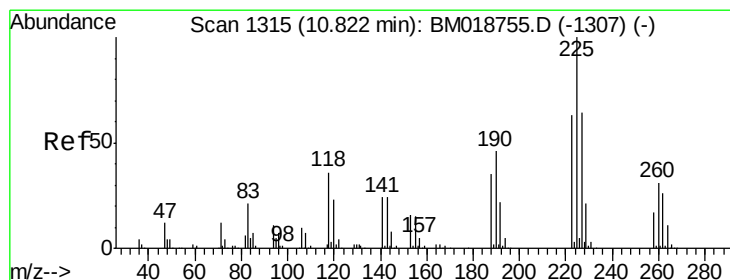
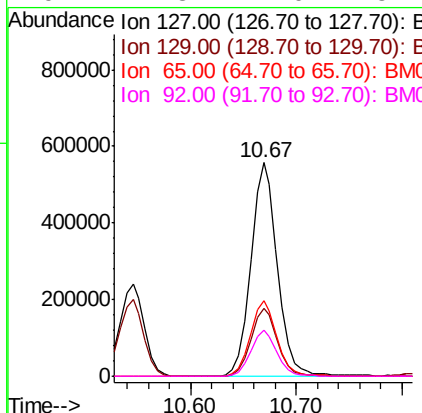
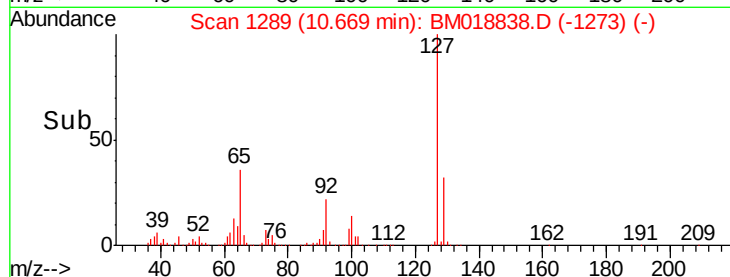
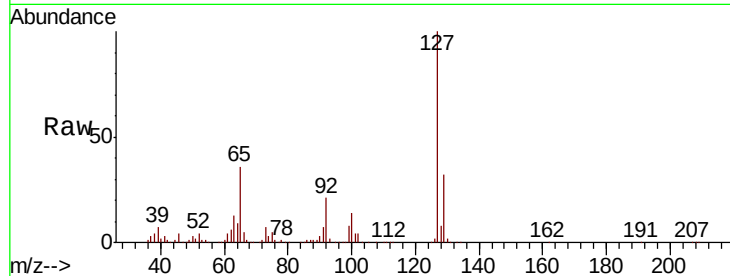
#33
4-Chloroaniline
Concen: 36.163 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.7	38.5		
65	35.5	28.7	43.1		
92	21.3	17.0	25.4		

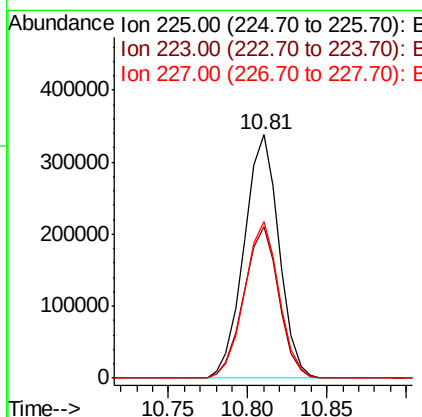
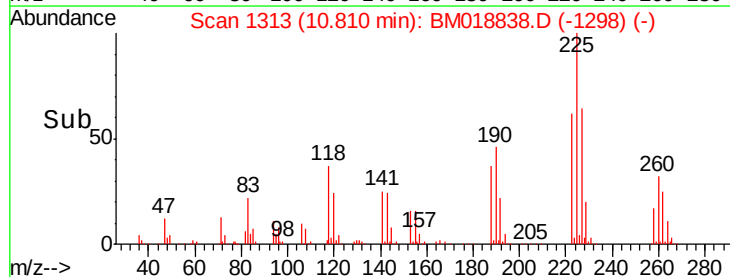
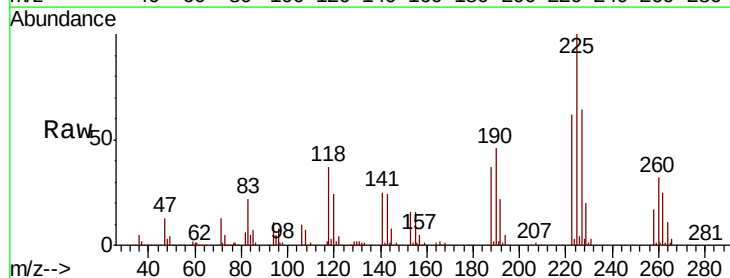
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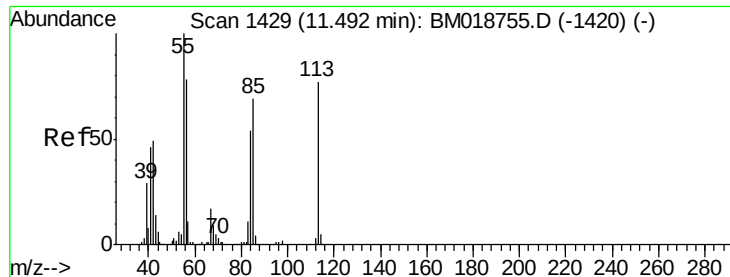
Sohil
2/19/2019 10:03:05 AM



#34
Hexachlorobutadiene
Concen: 41.907 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	50.1	75.1		
227	64.3	51.4	77.0		





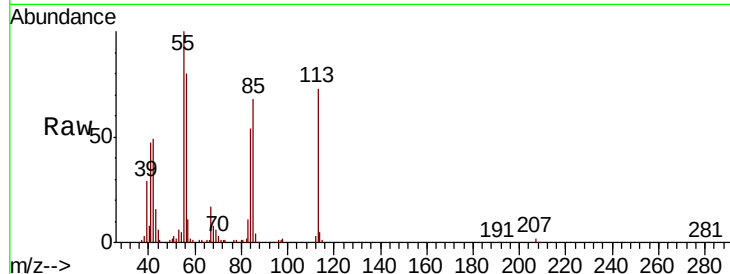
#35
Caprolactam
Concen: 43.120 ng/ml
RT: 11.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleID :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.8	110.7	150.7
56	110.3	82.4	122.4

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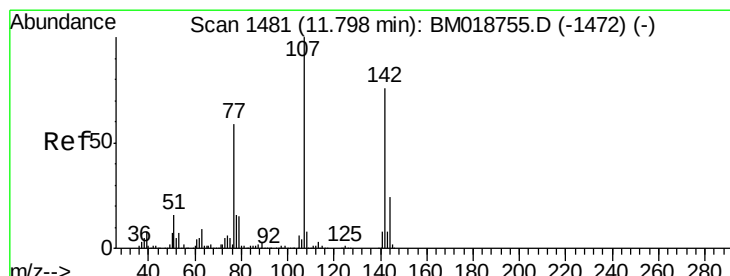
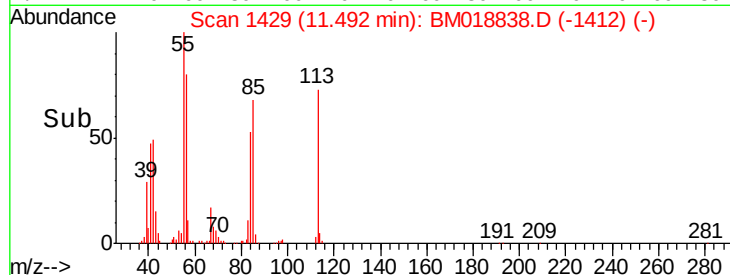
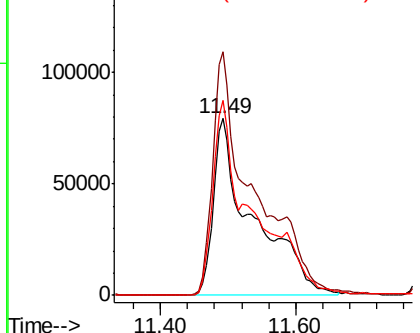


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36
4-Chloro-3-methylphenol
Concen: 49.987 ng/ml
RT: 11.79 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

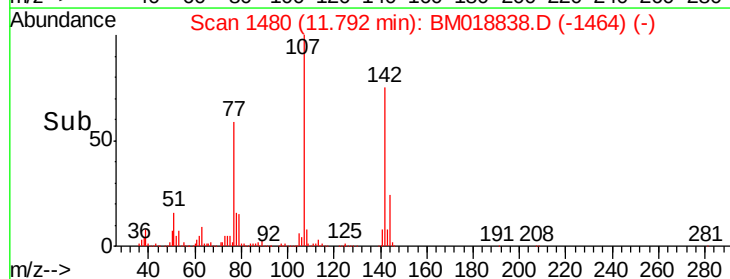
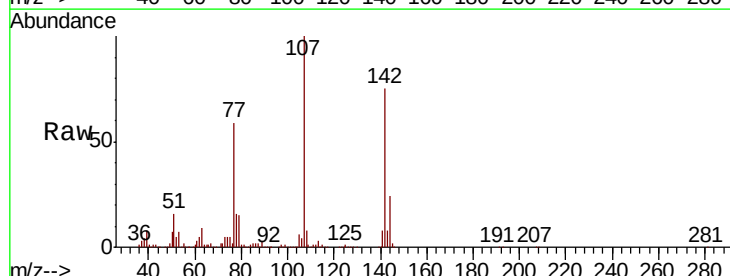
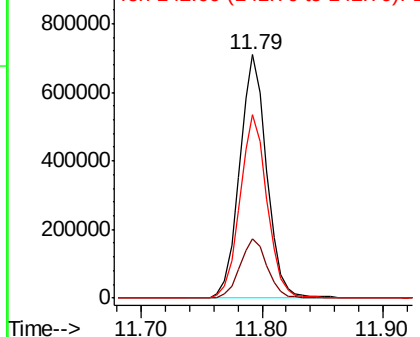
Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.3	28.9
142	75.2	60.5	90.7

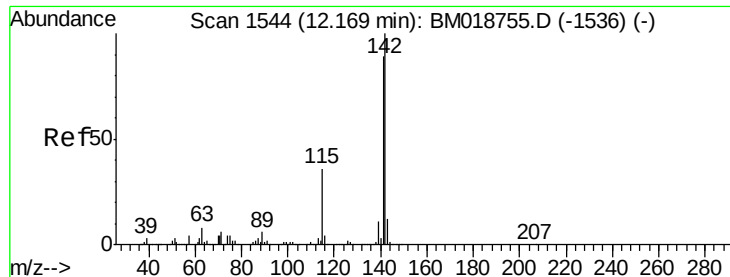
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





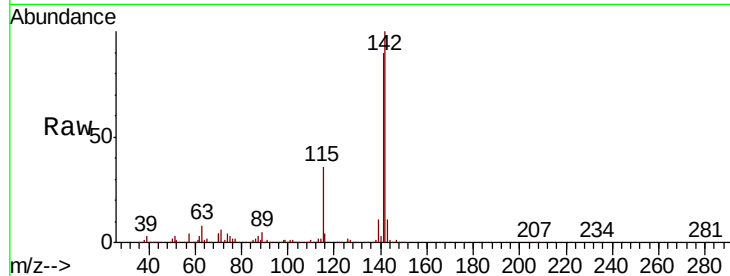
#37
2-Methylnaphthalene
Concen: 52.281 ng
RT: 12.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	36.1	29.1	43.7

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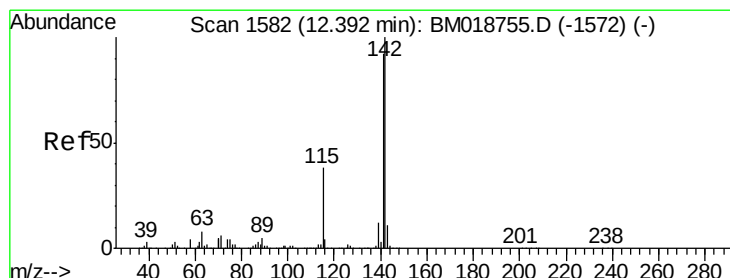
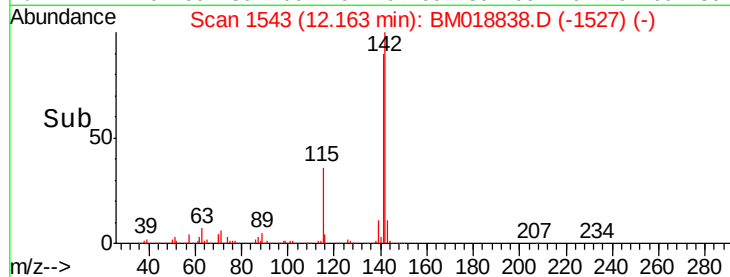
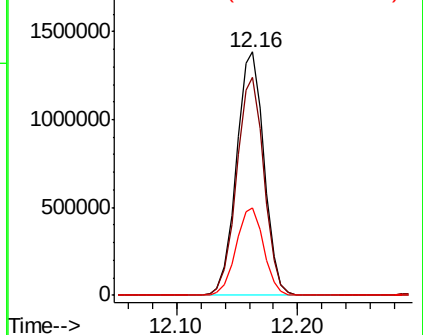


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 50.708 ng
RT: 12.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

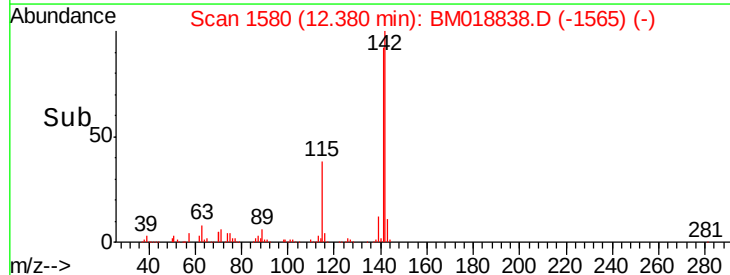
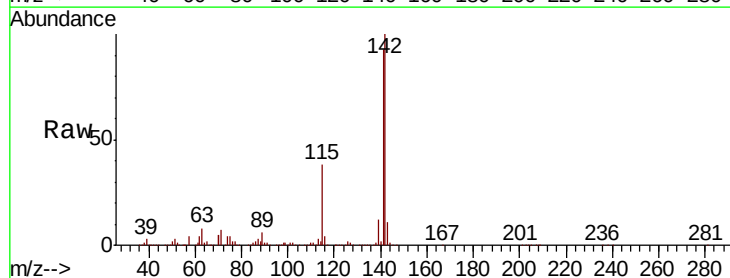
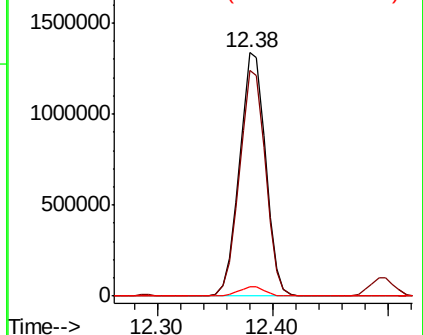
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.9	110.9
116	3.9	3.0	4.4

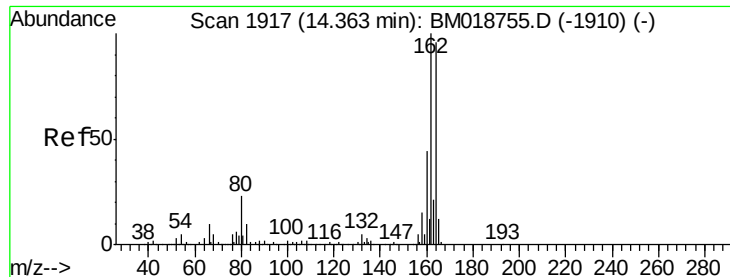
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





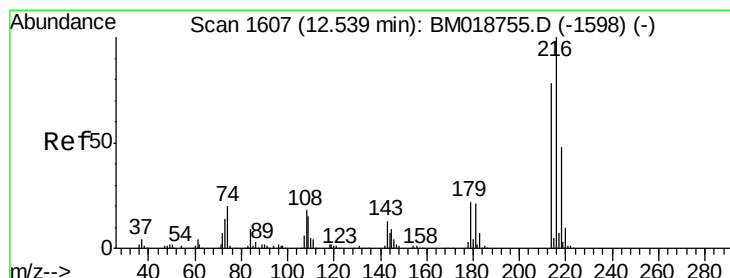
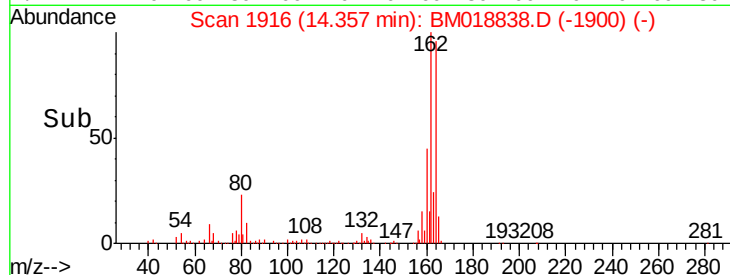
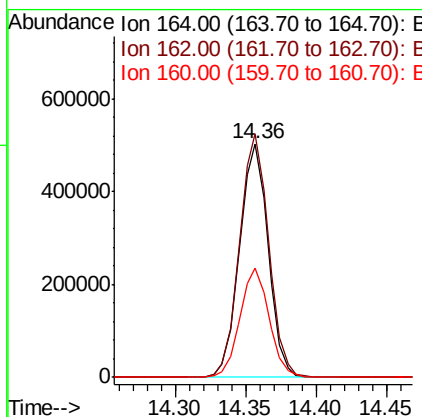
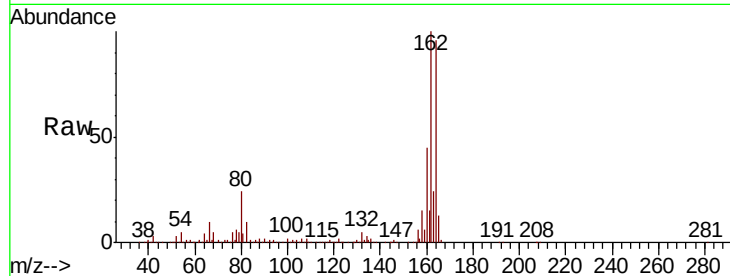
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	46.9	36.6	55.0

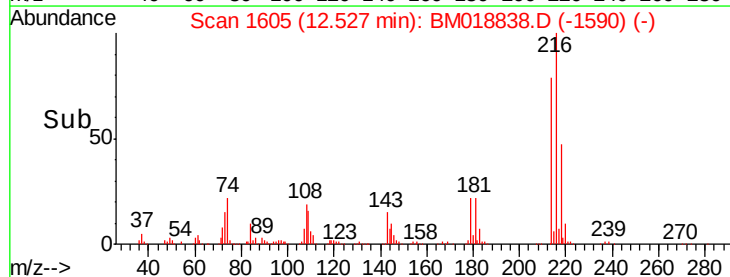
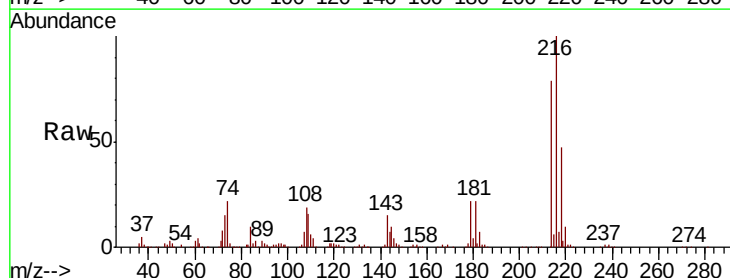
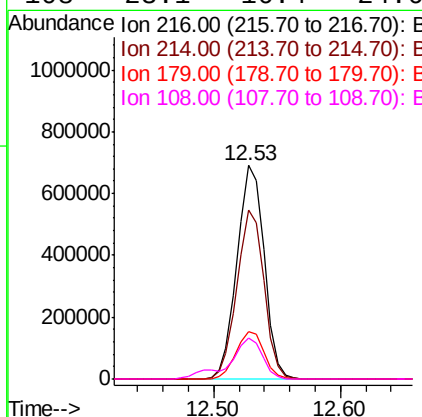
Manual Integrations
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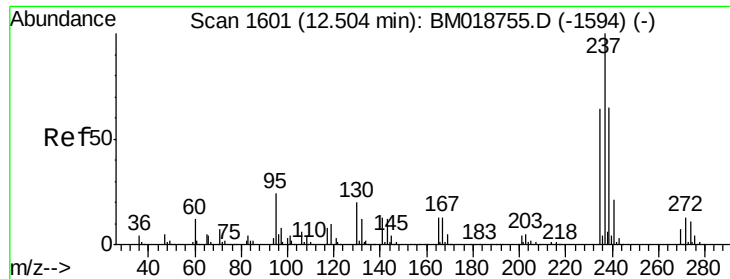
Sohil
2/19/2019 10:03:05 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.977 ng
RT: 12.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
179	22.8	17.8	26.8
108	23.1	16.4	24.6





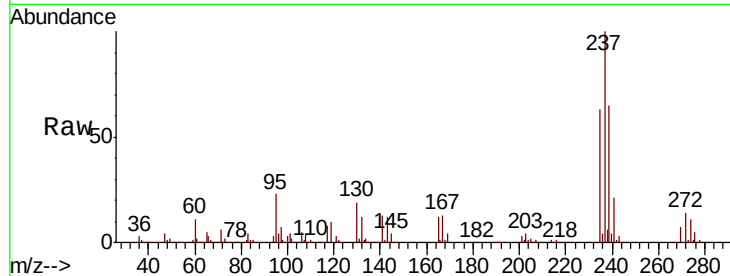
#41
Hexachlorocyclopentadiene
Concen: 100.947 ng
RT: 12.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

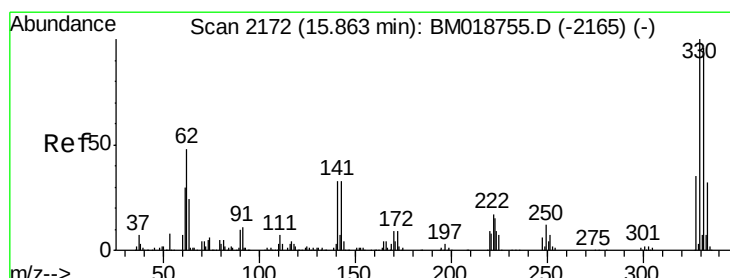
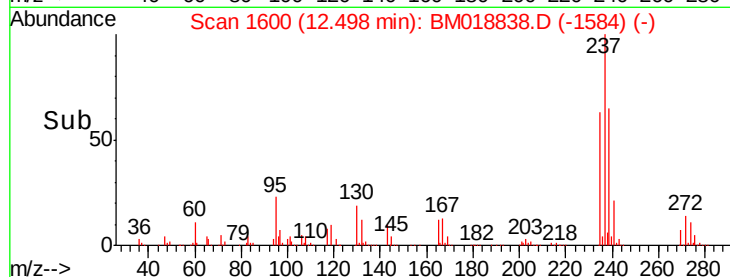
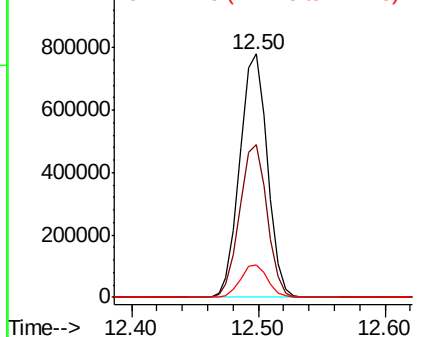
Tot Ion:237 Resp: 1176129
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 13.5 0.0 33.3

Manual Integrations
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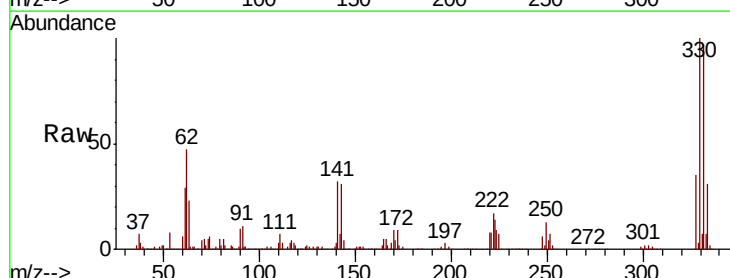


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

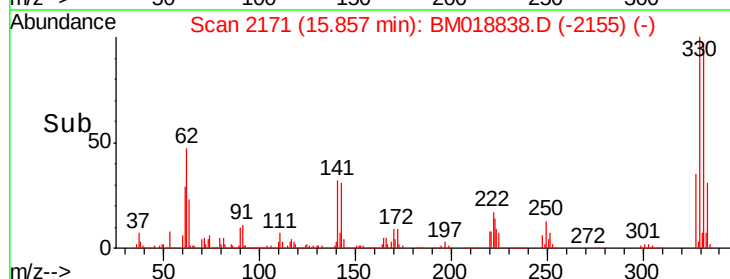
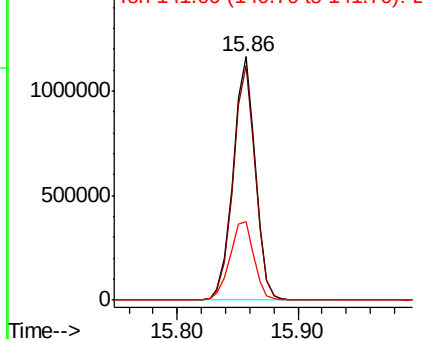


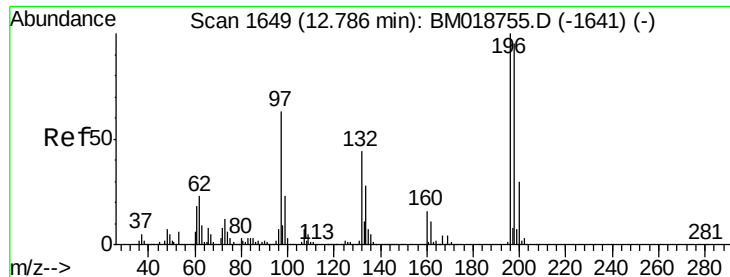
#42
2,4,6-Tribromophenol
Concen: 145.407 ng
RT: 15.86 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion:330 Resp: 1493135
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 35.1 28.7 43.1



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





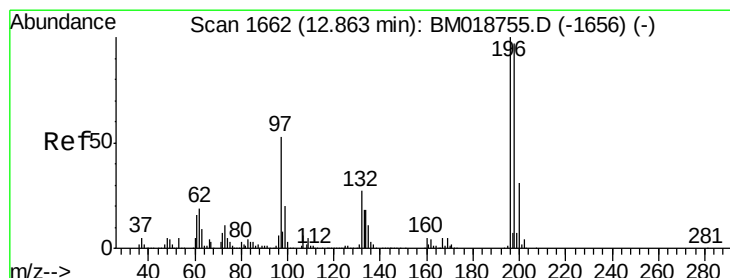
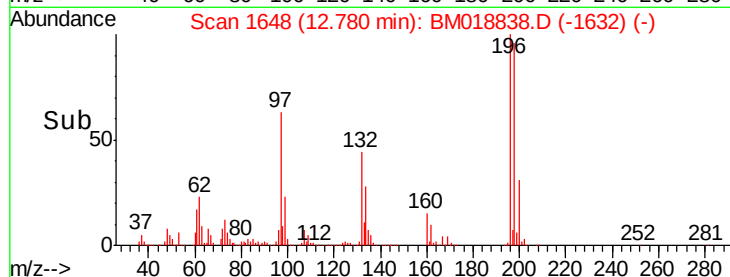
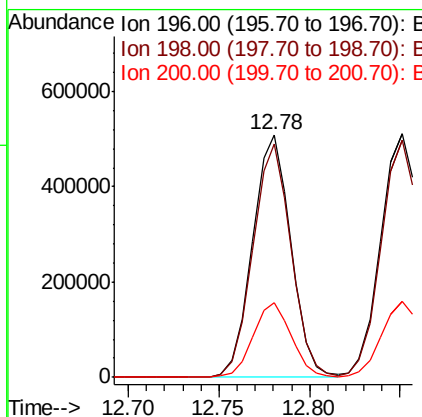
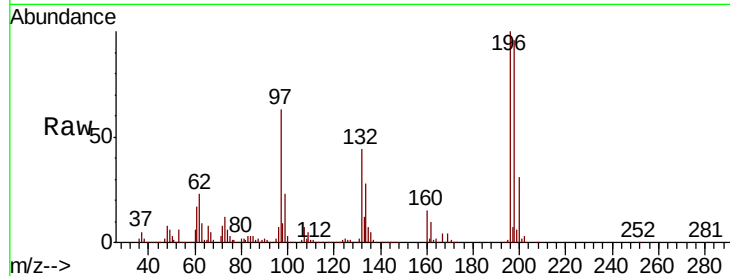
#43
 2,4,6-Trichlorophenol
 Concen: 49.518 ng
 RT: 12.78 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion:	196	Resp:	747022
Ion Ratio	Lower	Upper	
196	100		
198	96.5	76.2	114.2
200	30.8	24.2	36.2

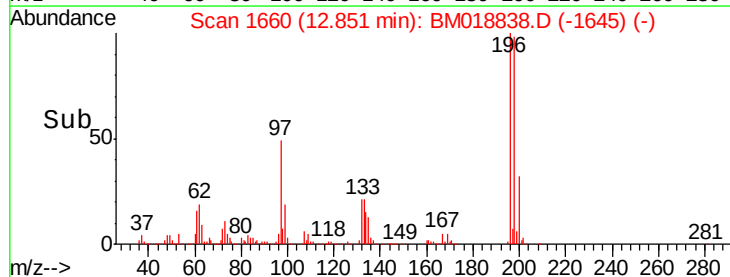
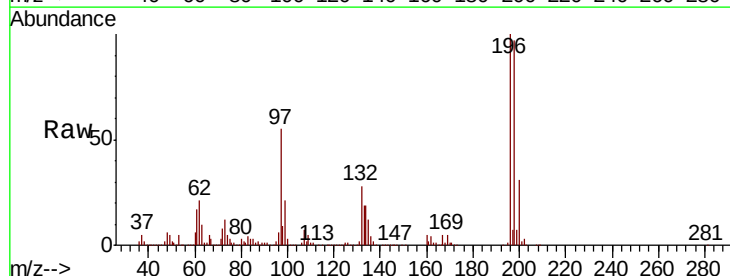
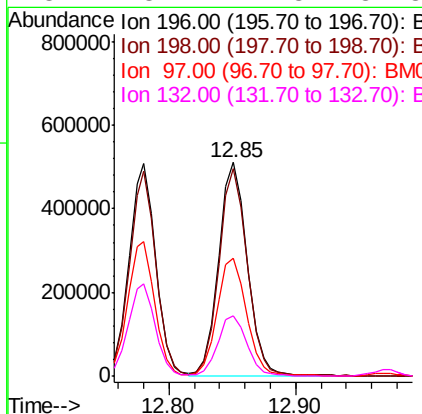
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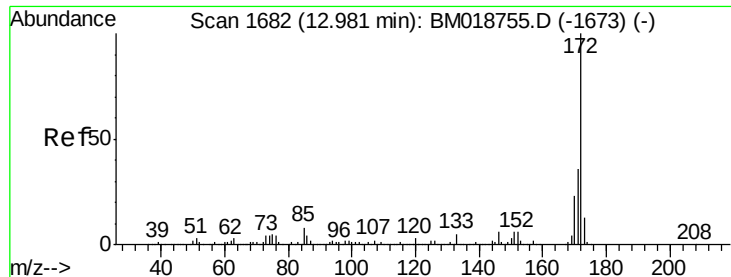
Sohil
 2/19/2019 10:03:05 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.253 ng
 RT: 12.85 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Tgt Ion:	196	Resp:	794598
Ion Ratio	Lower	Upper	
196	100		
198	97.3	77.6	116.4
97	55.4	42.8	64.2
132	28.1	21.8	32.8





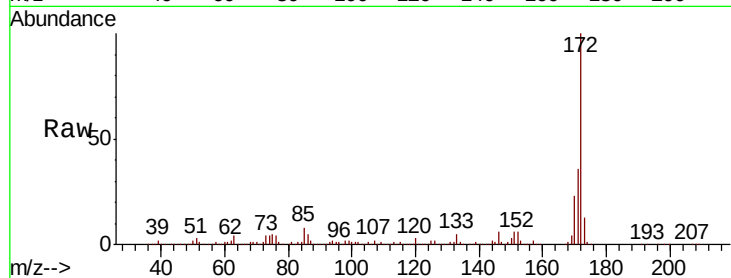
#45
2-Fluorobiphenyl
Concen: 80.272 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.4	18.6	28.0

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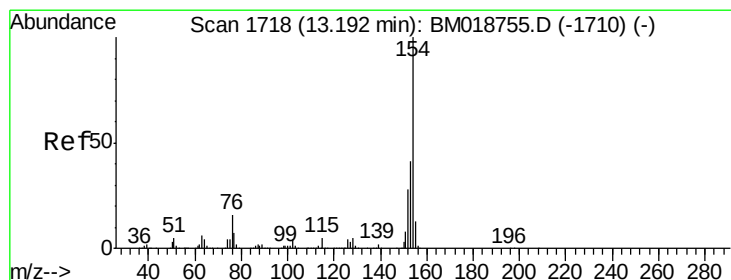
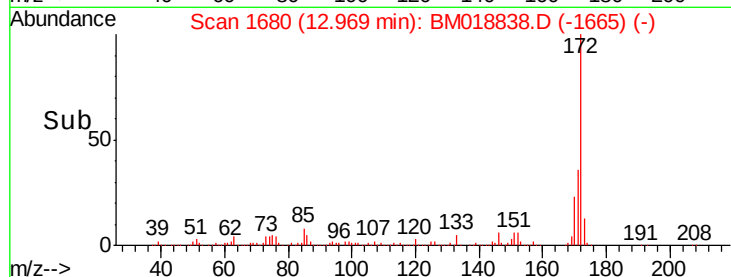
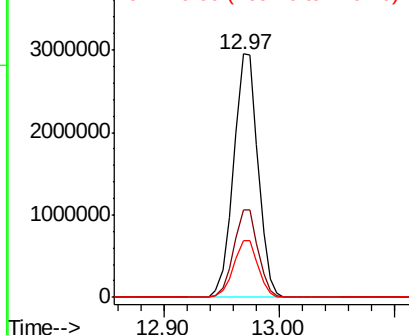


Abundance

Ion 172.00 (171.70 to 172.70): E

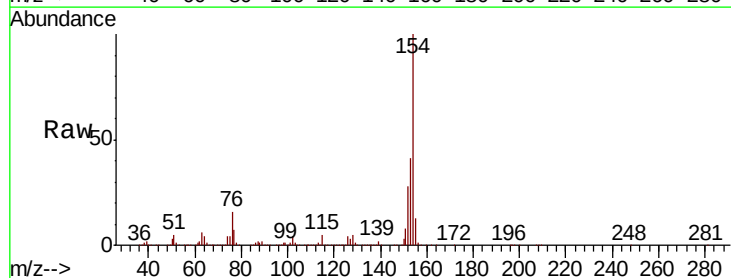
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.398 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	15.8	0.0	35.7

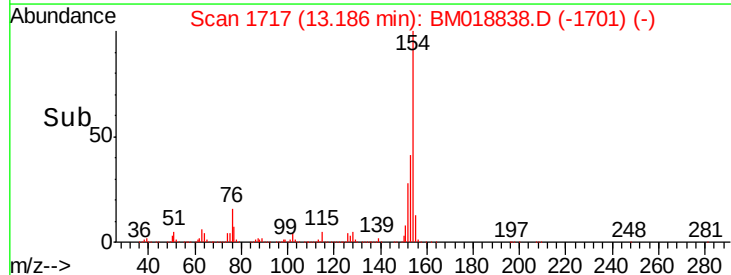
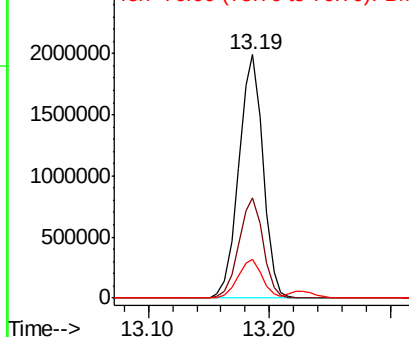


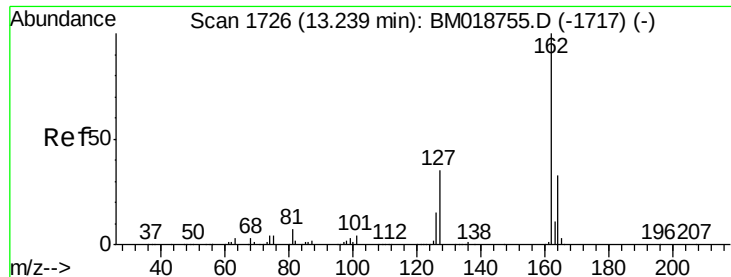
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





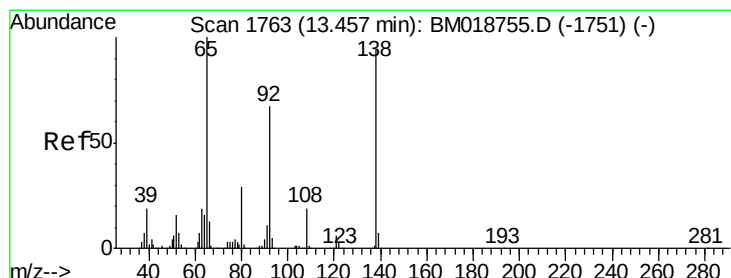
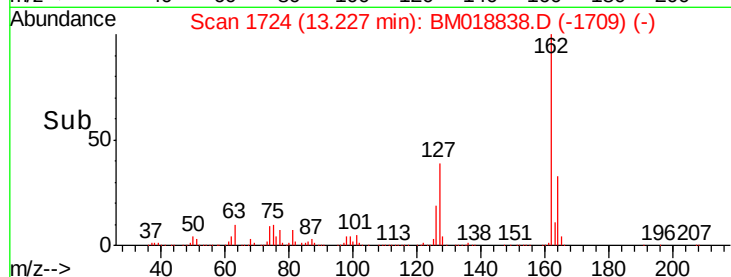
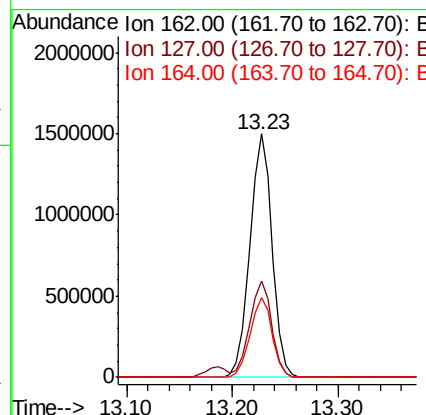
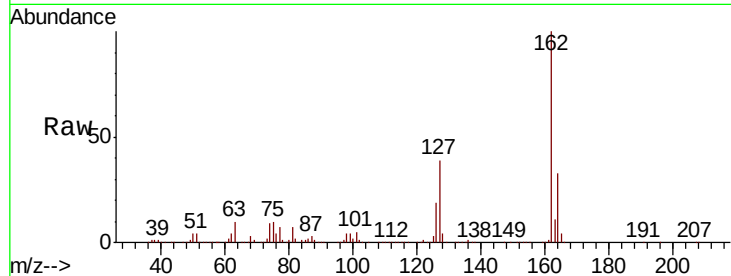
#47
2-Chloronaphthalene
Concen: 46.107 ng
RT: 13.23 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	31.1	46.7
164	32.9	26.4	39.6

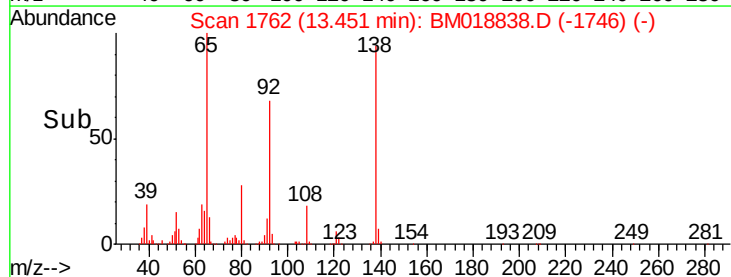
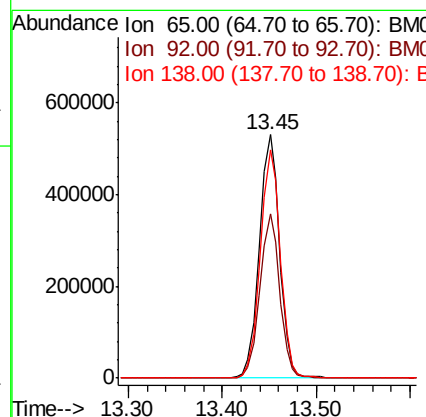
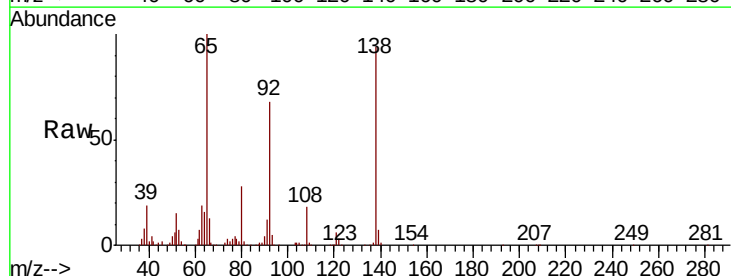
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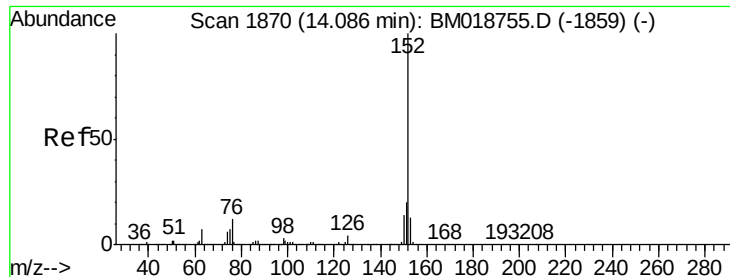
Sohil
2/19/2019 10:03:05 AM



#48
2-Nitroaniline
Concen: 50.510 ng
RT: 13.45 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	54.0	81.0
138	94.0	74.9	112.3





#49

Acenaphthylene

Concen: 50.946 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

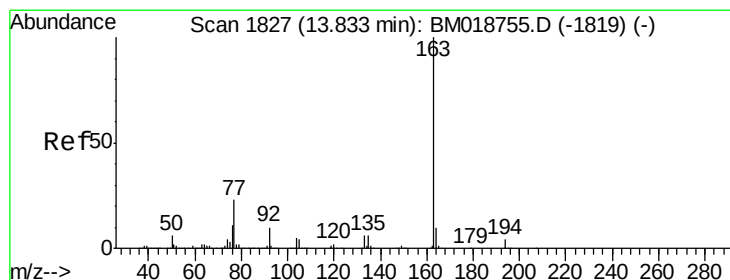
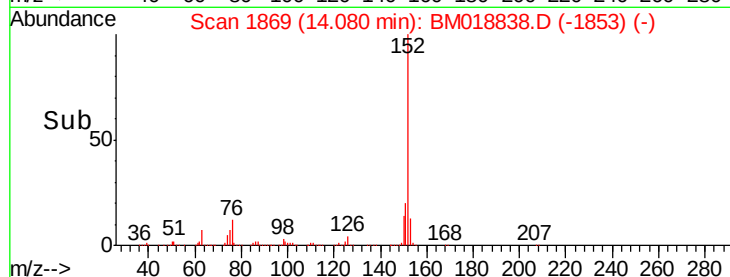
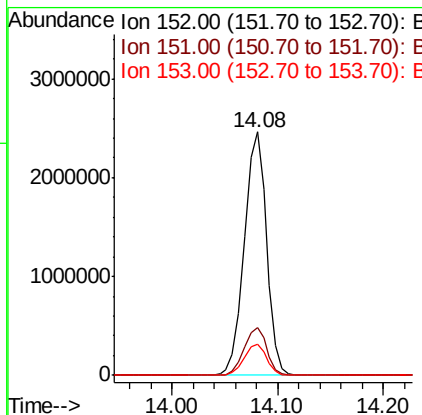
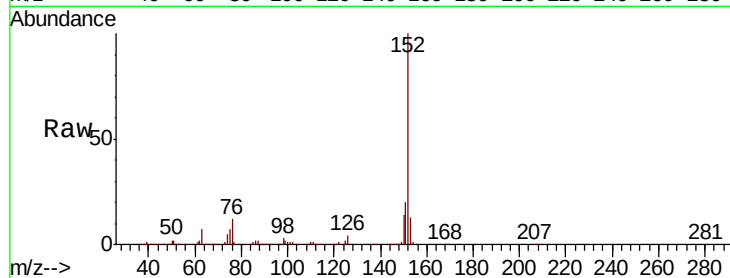
ClientSampleId :

CH-021419MSD

Tot Ion:	152	Resp:	3592867
Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	12.9	10.5	15.7

Manual Integrations
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2/19/2019 10:03:05 AM



#50

Dimethylphthalate

Concen: 51.244 ng

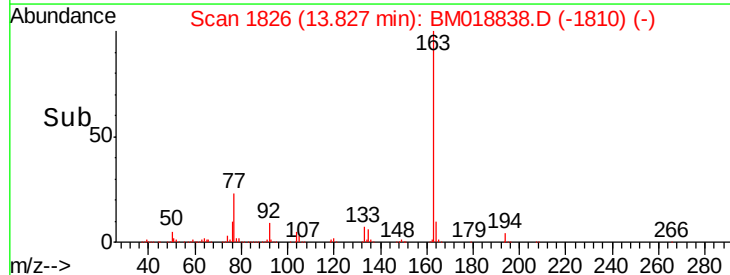
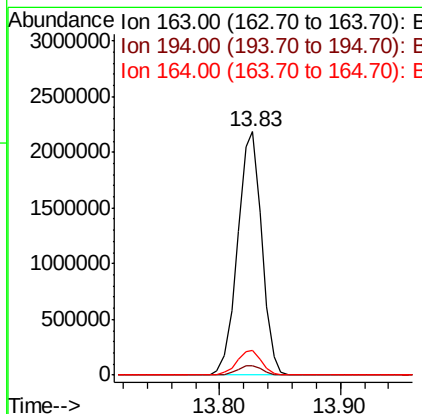
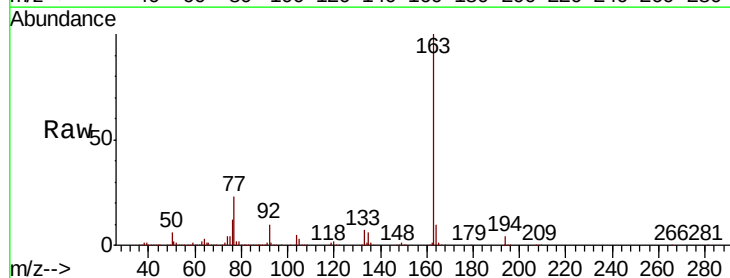
RT: 13.83 min Scan# 1826

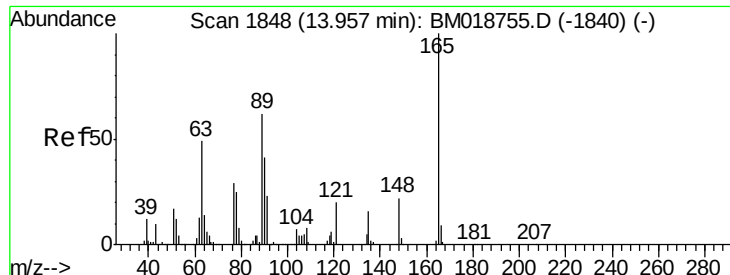
Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Tgt Ion:	163	Resp:	3042278
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.8	11.8





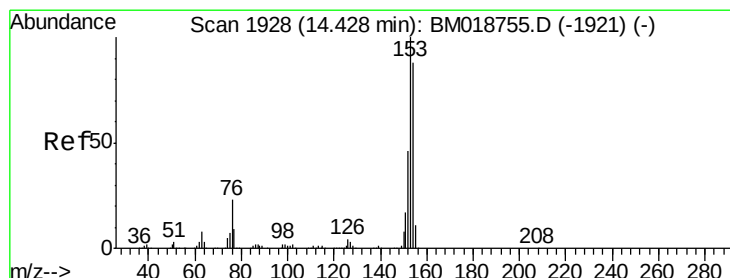
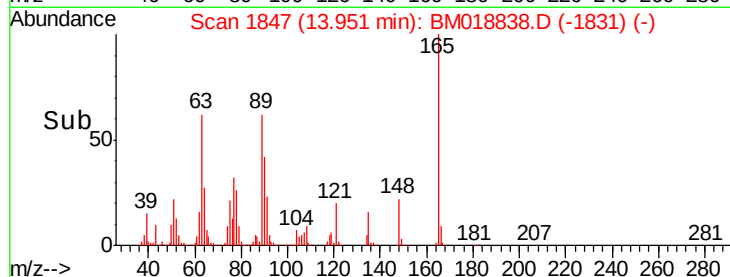
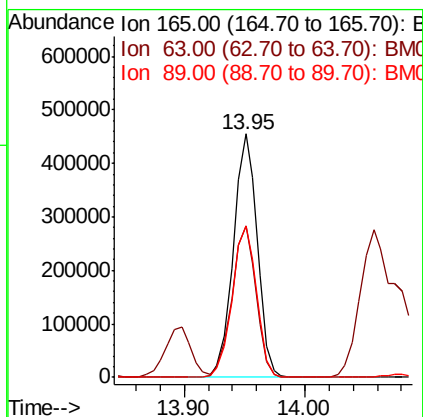
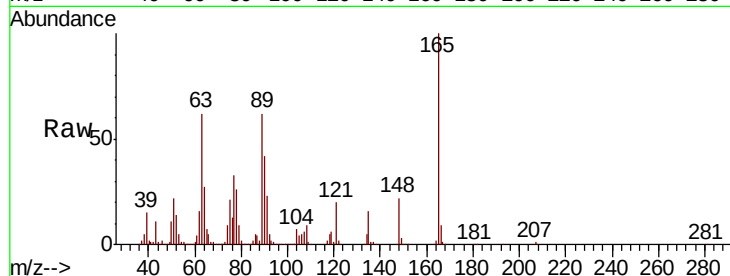
#51
2,6-Dinitrotoluene
Concen: 48.611 ng
RT: 13.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	62.0	48.9	73.3
89	62.3	49.4	74.0

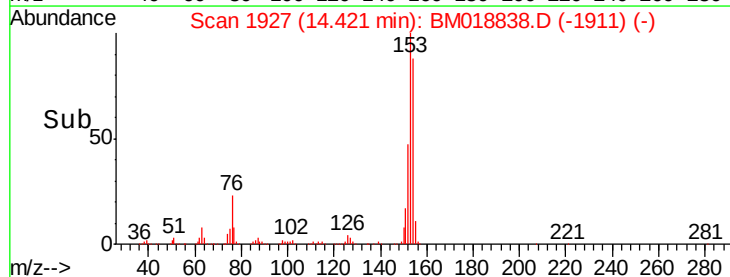
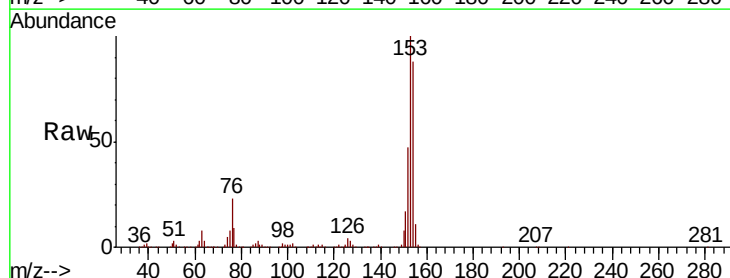
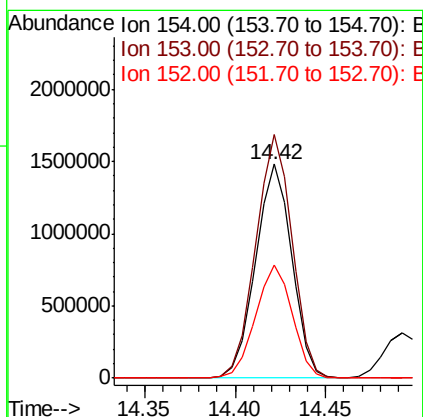
Manual Integrations
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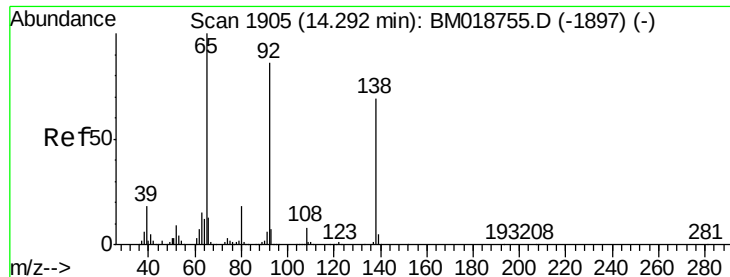
Sohil
2/19/2019 10:03:05 AM



#52
Acenaphthene
Concen: 47.535 ng
RT: 14.42 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.3	136.9
152	52.9	42.2	63.4





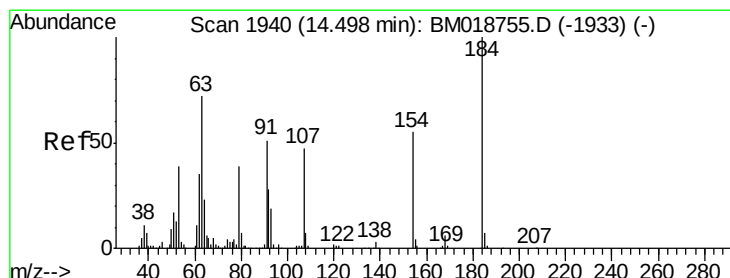
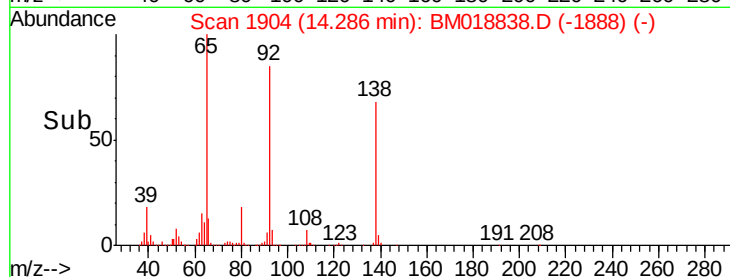
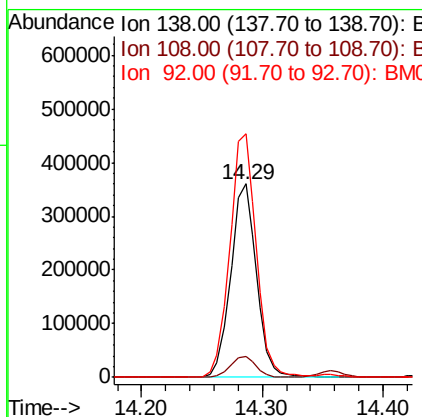
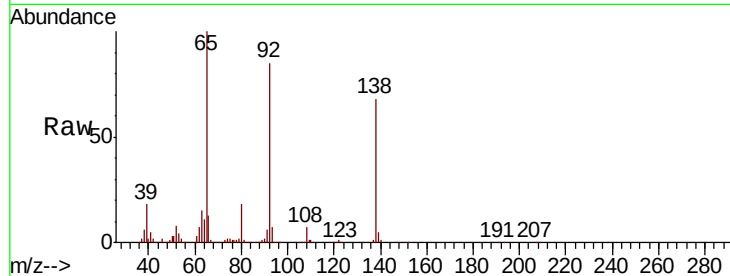
#53
3-Nitroaniline
Concen: 36.811 ng
RT: 14.29 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	126.1	99.7	149.5

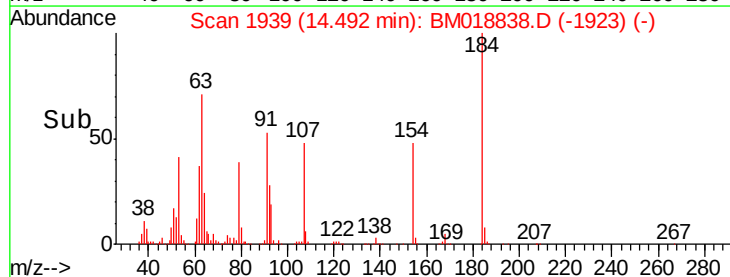
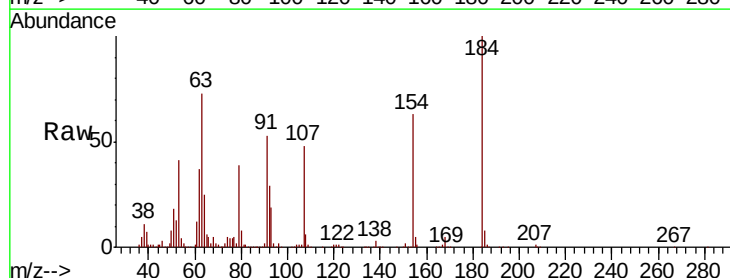
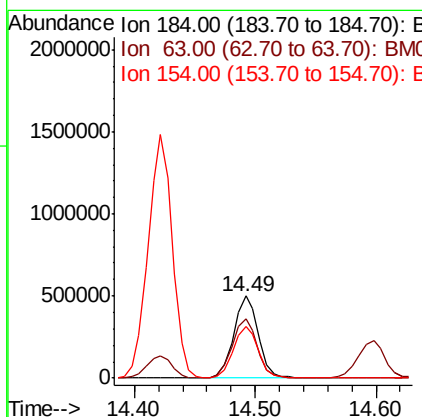
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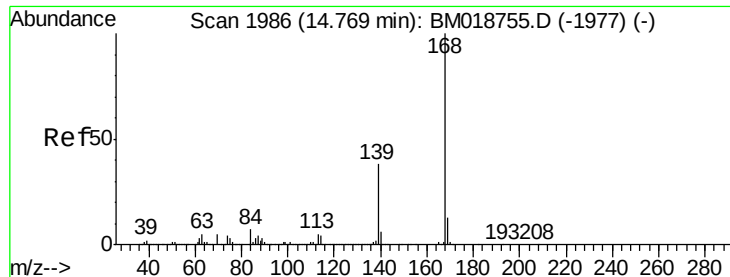
Sohil
2/19/2019 10:03:05 AM



#54
2,4-Dinitrophenol
Concen: 86.479 ng
RT: 14.49 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.7	58.0	87.0
154	62.7	50.3	75.5





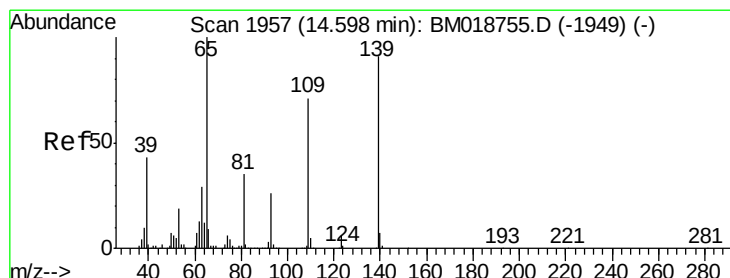
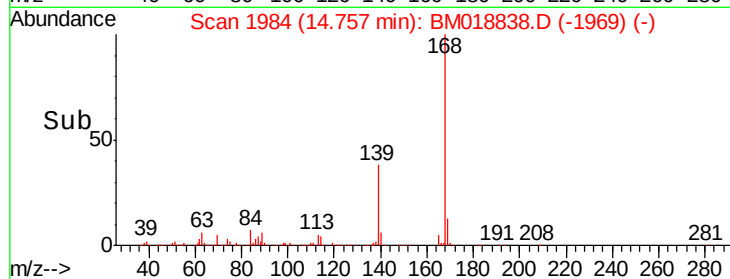
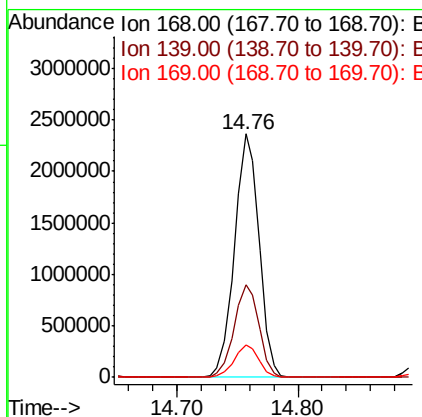
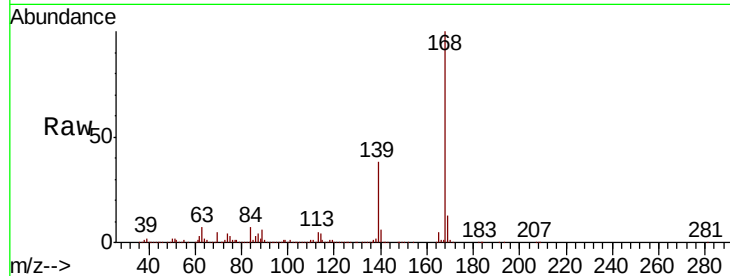
#55
Dibenzofuran
Concen: 47.177 ng
RT: 14.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion:168 Resp: 3353207
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.3 10.3 15.5

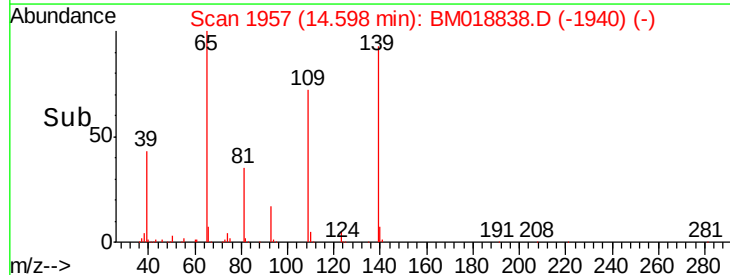
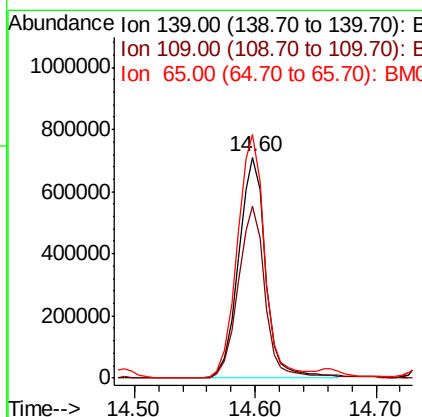
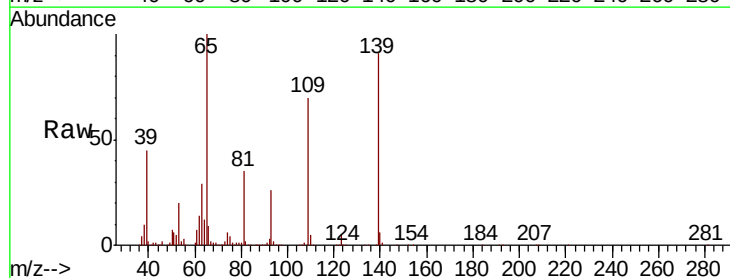
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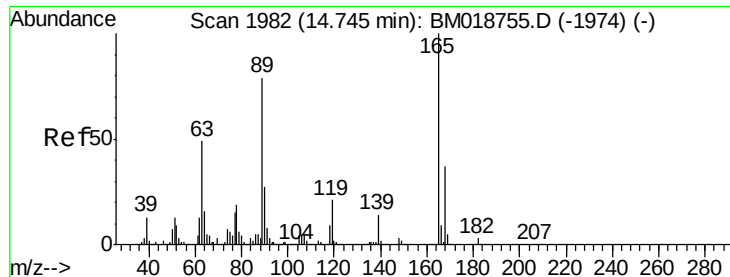
Sohil
2/19/2019 10:03:05 AM



#56
4-Nitrophenol
Concen: 95.800 ng
RT: 14.60 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion:139 Resp: 1111273
Ion Ratio Lower Upper
139 100
109 77.5 58.4 98.4
65 110.1 89.8 129.8





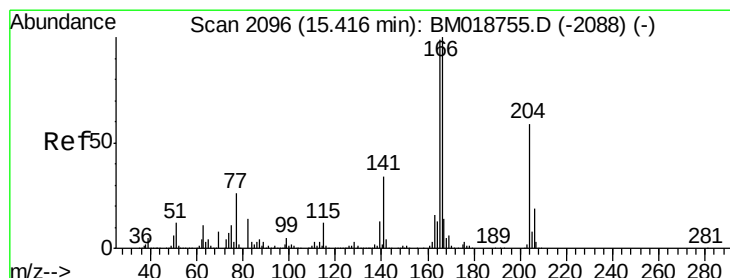
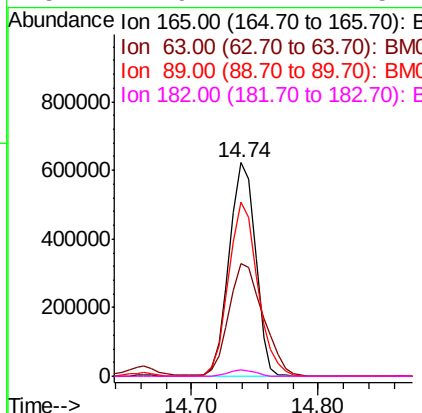
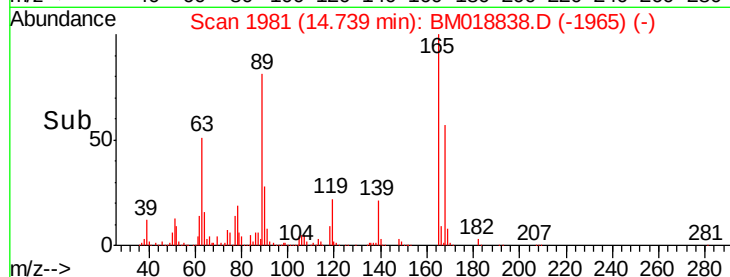
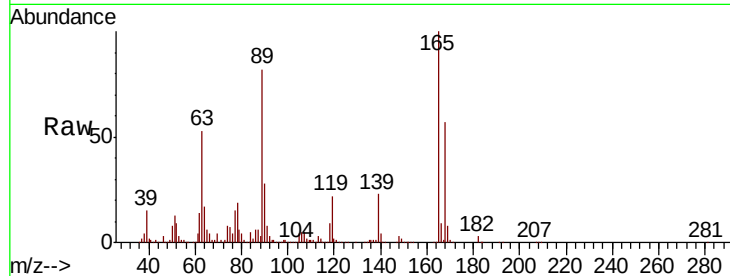
#57
 2,4-Dinitrotoluene
 Concen: 50.686 ng
 RT: 14.74 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion:	165	Resp:	898137
Ion Ratio	Lower	Upper	
165	100		
63	52.5	39.6	59.4
89	81.7	63.5	95.3
182	2.9	2.2	3.4

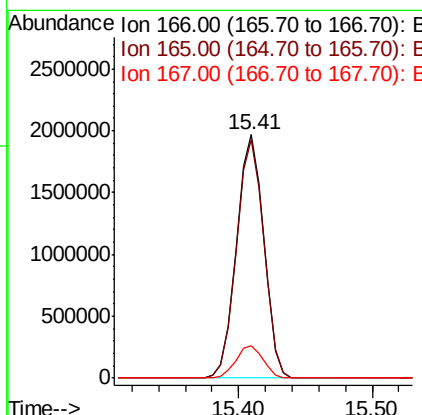
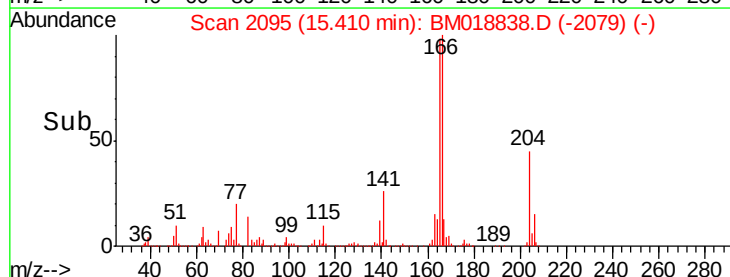
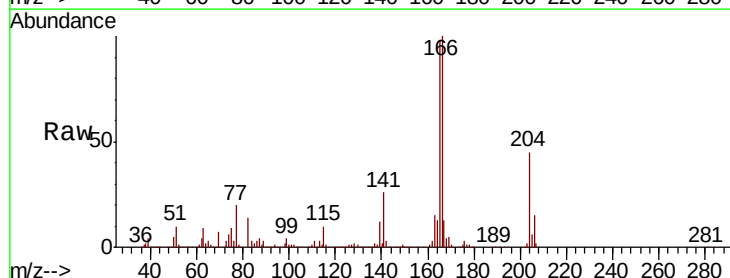
Manual Integrations
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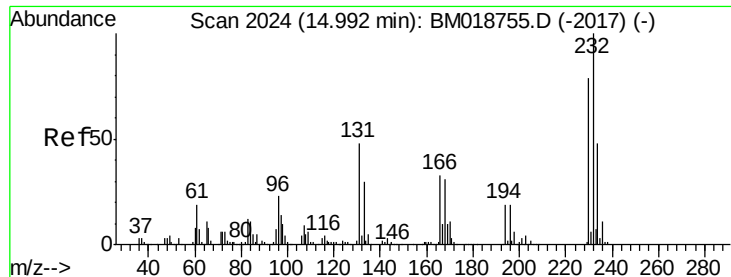
Sohil
 2/19/2019 10:03:05 AM



#58
 Fluorene
 Concen: 51.200 ng
 RT: 15.41 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Tgt Ion:	166	Resp:	2784028
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.1	118.7
167	13.3	11.0	16.4





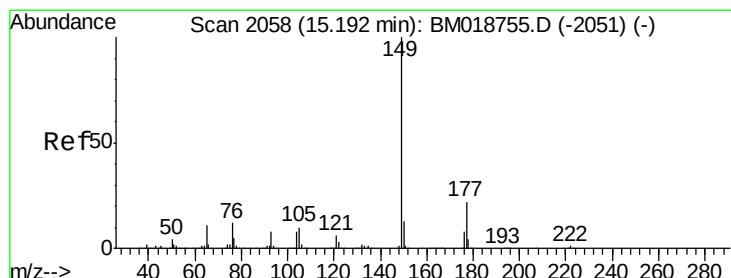
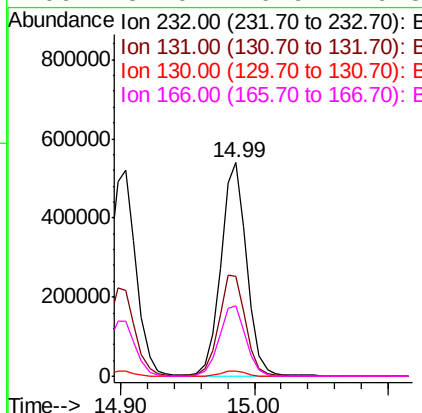
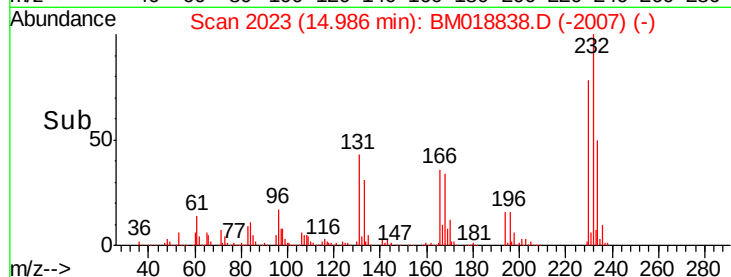
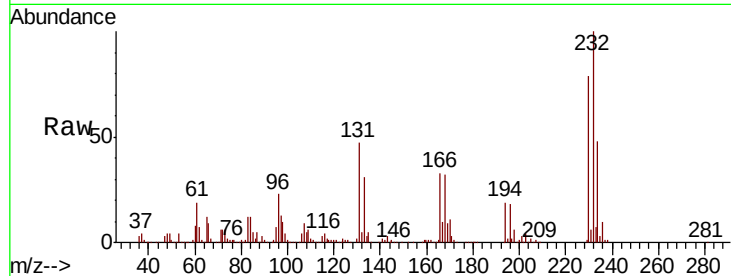
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.977 ng
 RT: 14.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.0	38.6	57.8
130	2.6	2.0	3.0
166	34.0	26.9	40.3

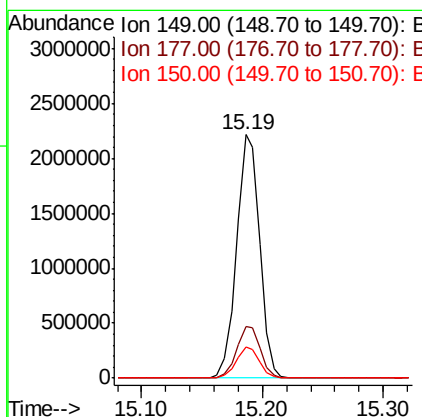
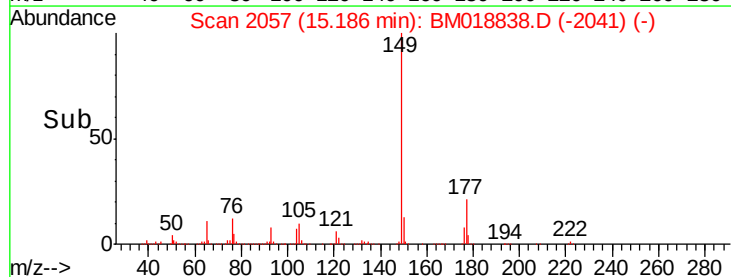
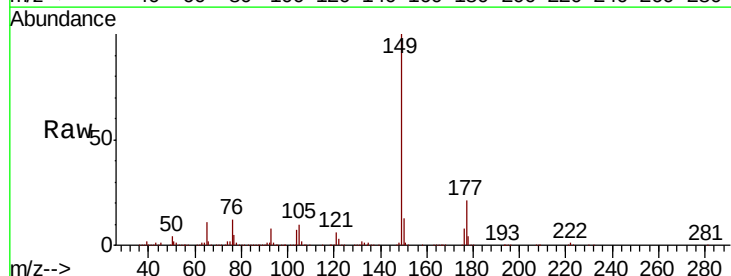
Manual Integrations
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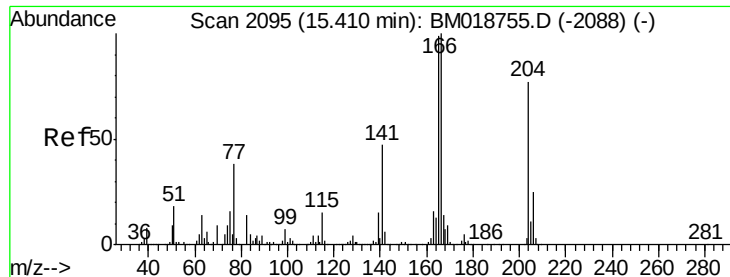
Sohil
 2/19/2019 10:03:05 AM



#60
 Diethylphthalate
 Concen: 48.010 ng
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.2	25.8
150	12.6	10.2	15.2





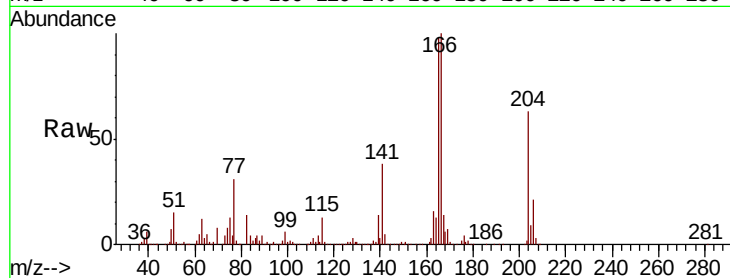
#61
4-Chlorophenyl-phenylether
Concen: 44.732 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.2	39.2
141	59.9	49.2	73.8

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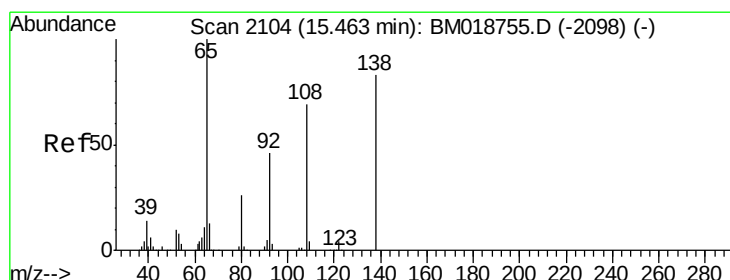
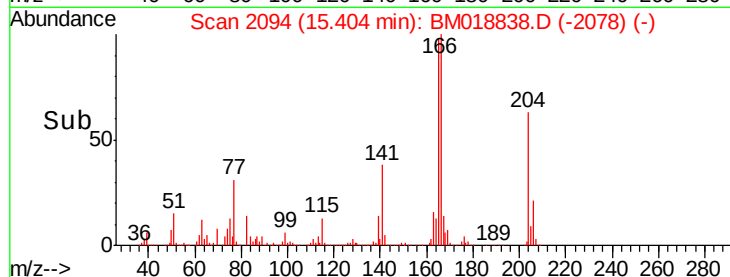
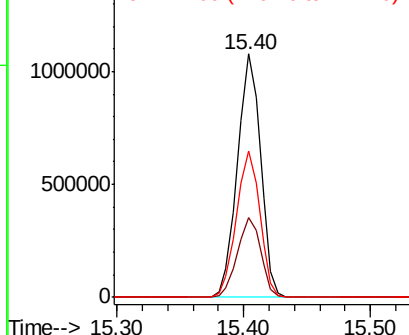


Abundance

Ion 204.00 (203.70 to 204.70): E

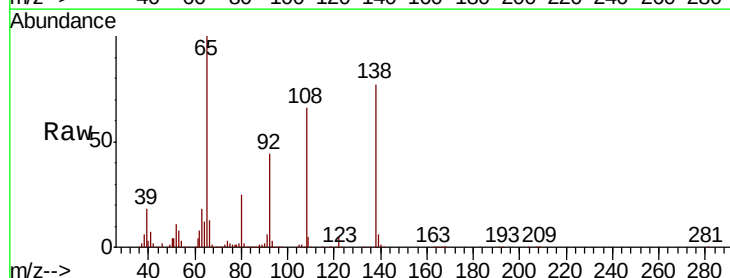
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.783 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	35.5	75.5
108	84.8	62.4	102.4

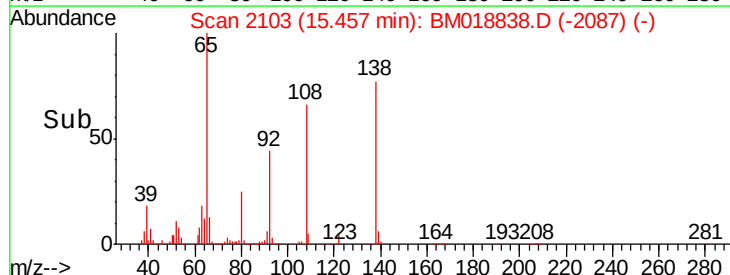
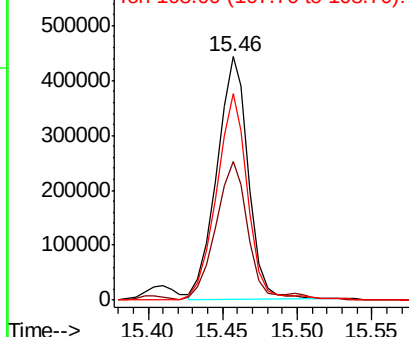


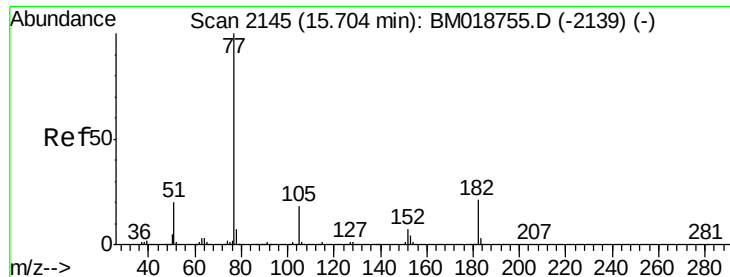
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





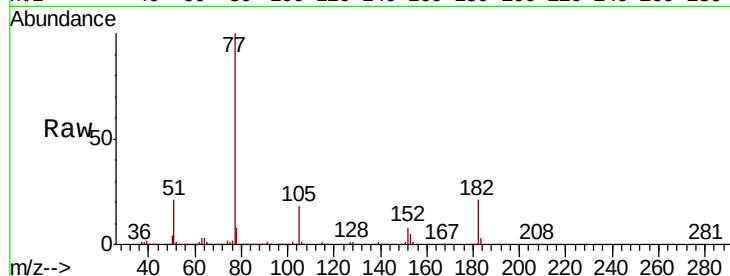
#63
Azobenzene
Concen: 48.653 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

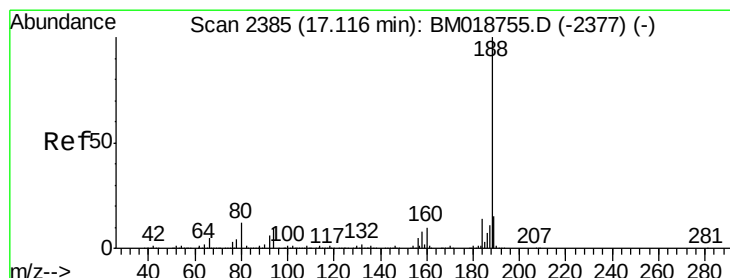
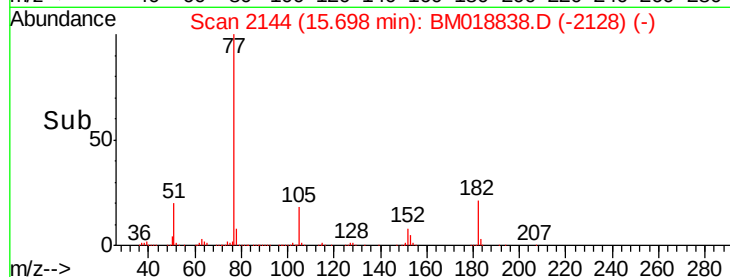
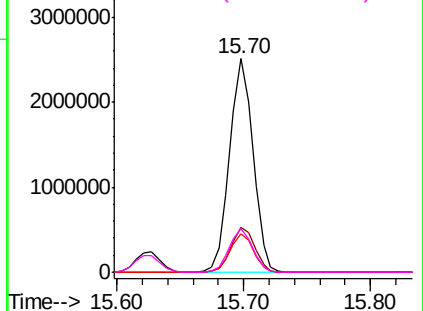
Tot Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.0	41.0
105	18.2	0.0	37.7
51	20.6	0.3	40.3

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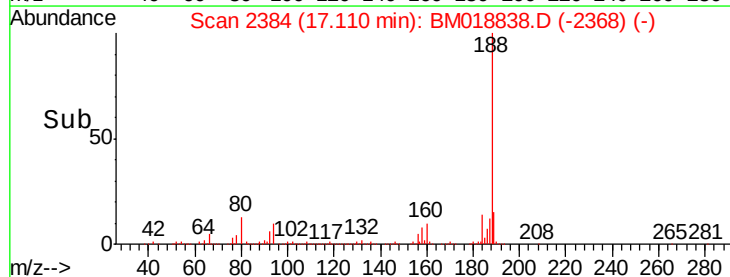
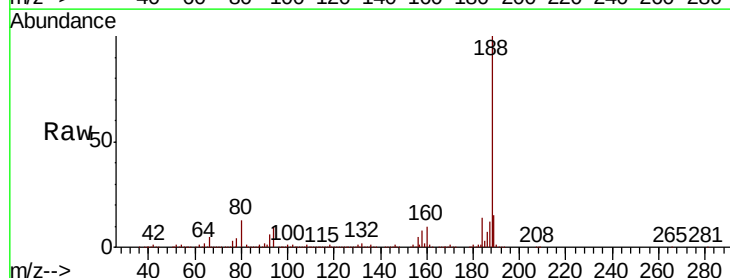
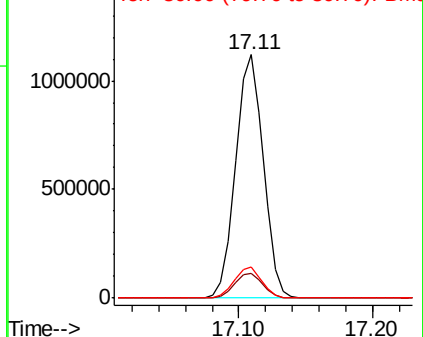
Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)
Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)
Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)
Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)

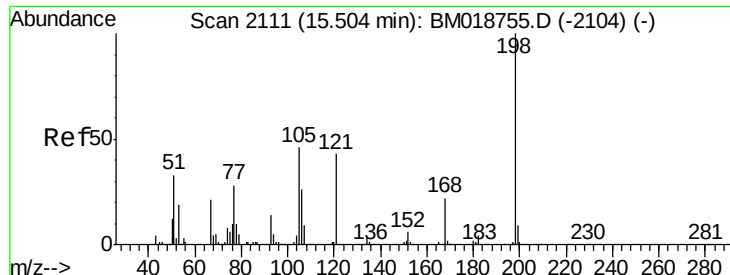


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	12.6	9.7	14.5

Abundance Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)
Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)
Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.073 ng

RT: 15.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

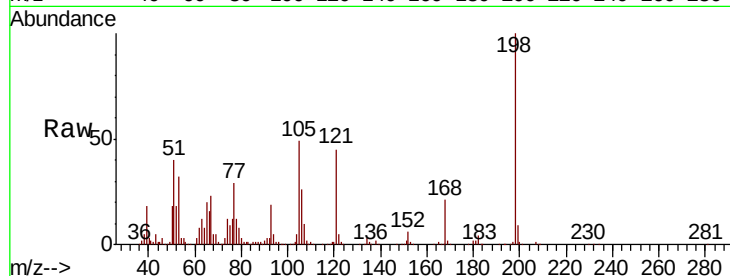
ClientSampleId :

CH-021419MSD

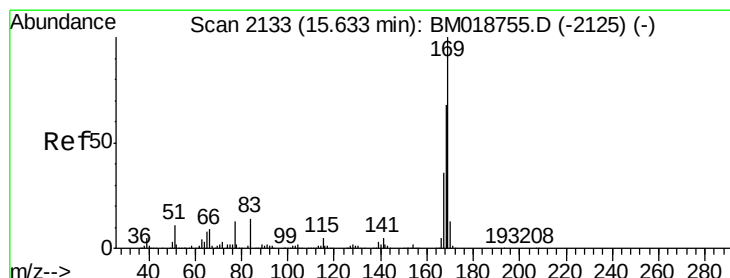
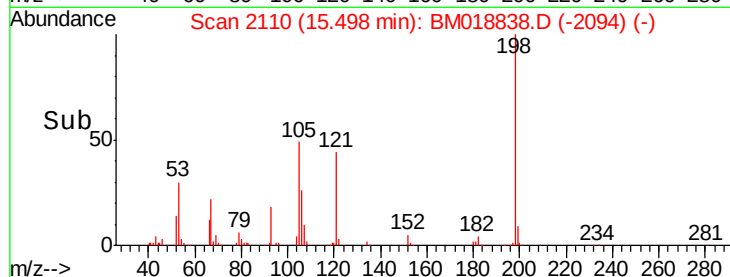
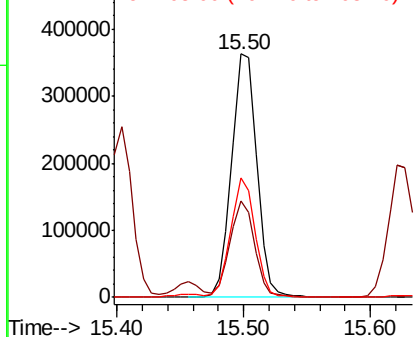
Tot Ion:	198	Resp:	499315
Ion Ratio		Lower	Upper
198	100		
51	39.7	18.4	58.4
105	49.1	27.2	67.2

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.265 ng

RT: 15.63 min Scan# 2132

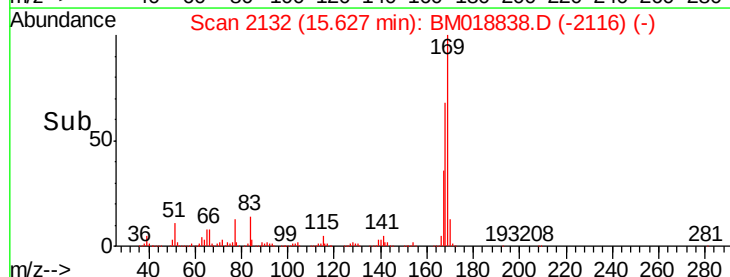
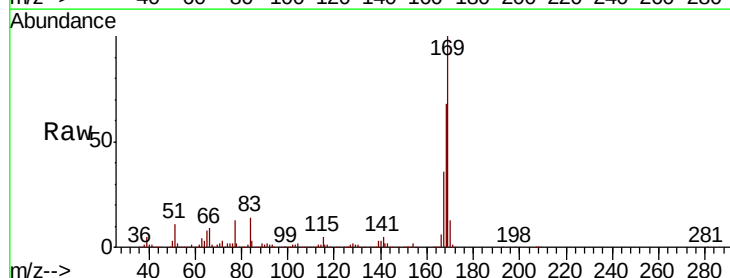
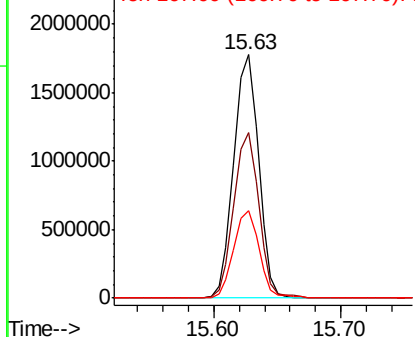
Delta R.T. -0.01 min

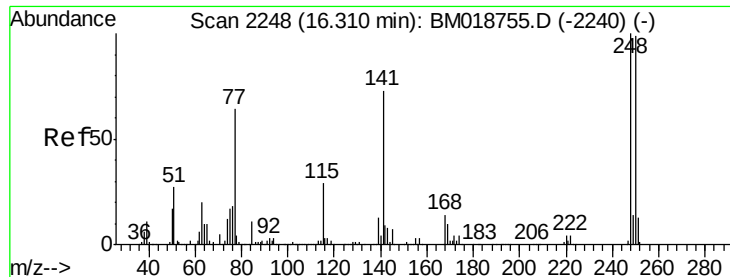
Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Tgt Ion:	169	Resp:	2409571
Ion Ratio		Lower	Upper
169	100		
168	68.0	54.4	81.6
167	36.1	29.0	43.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





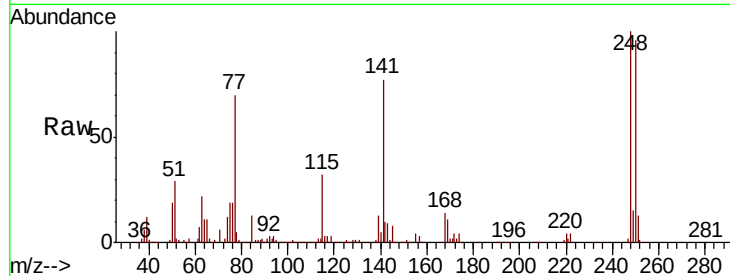
#67
4-Bromophenyl-phenylether
Concen: 45.446 ng
RT: 16.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.0	118.6
141	76.6	58.6	88.0

Manual Integrations
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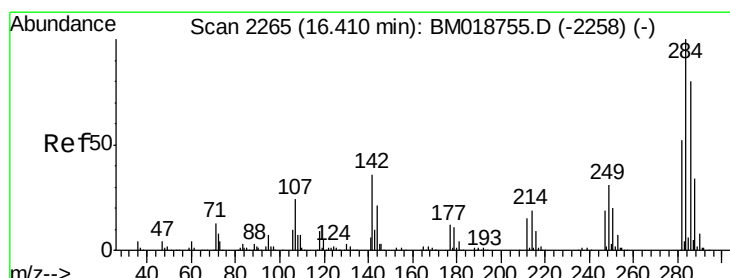
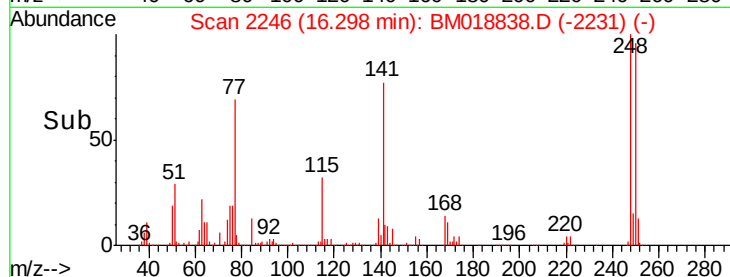
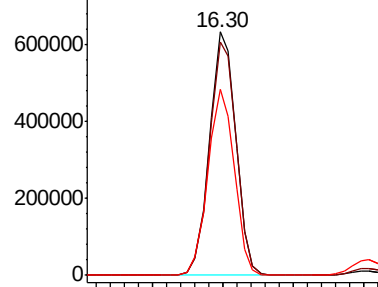


Abundance

Ion 248.00 (247.70 to 248.70): E

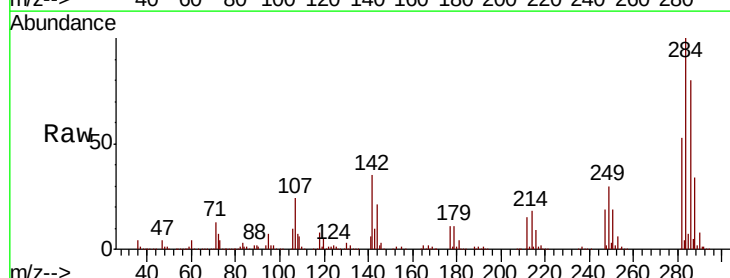
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.342 ng
RT: 16.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	28.9	43.3
249	30.3	24.8	37.2

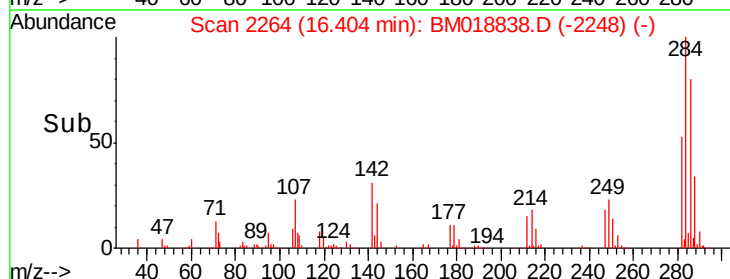
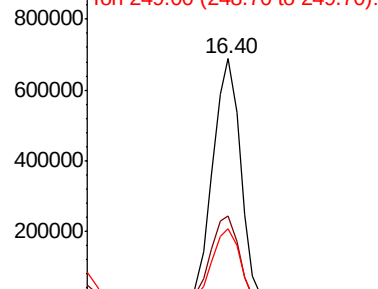


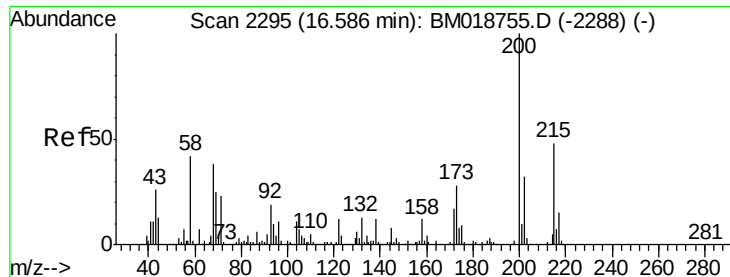
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





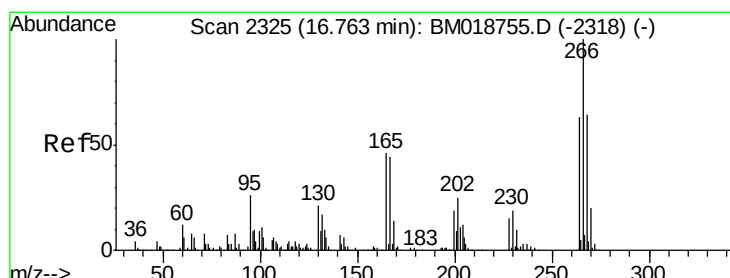
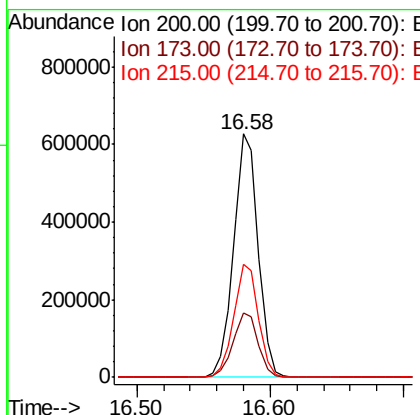
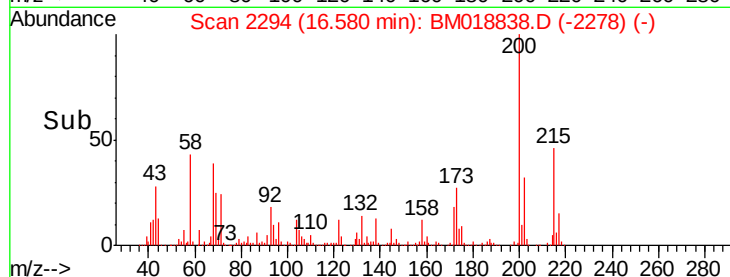
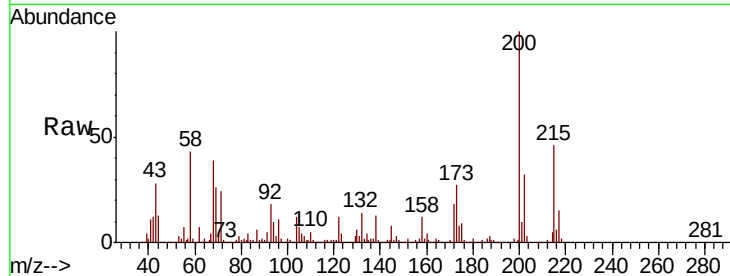
#69
Atrazine
Concen: 48.844 ng
RT: 16.58 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.6	47.6
215	46.5	27.6	67.6

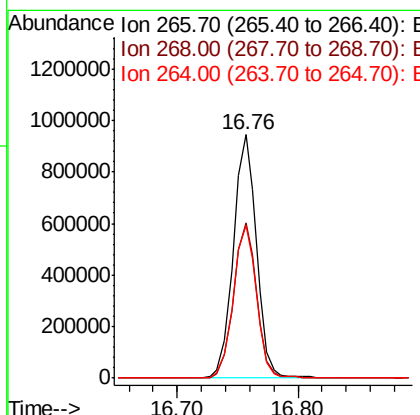
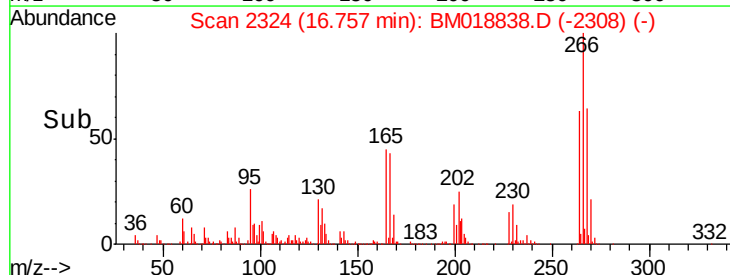
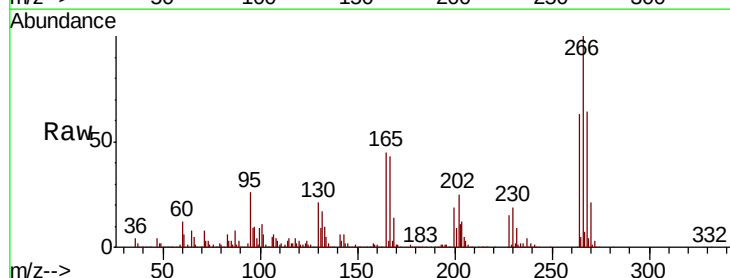
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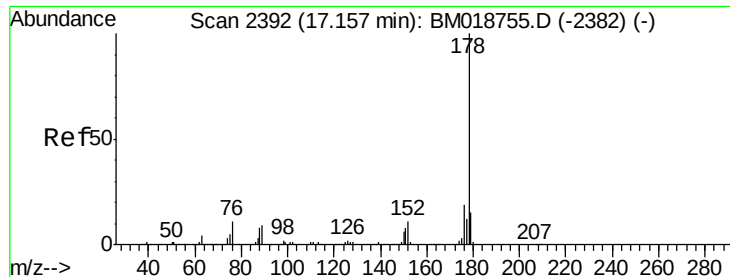
Sohil
2/19/2019 10:03:05 AM



#70
Pentachlorophenol
Concen: 93.613 ng
RT: 16.76 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.3	76.9
264	62.8	50.6	75.8





#71

Phenanthrene

Concen: 50.417 ng

RT: 17.15 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:178 Resp: 4372039

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

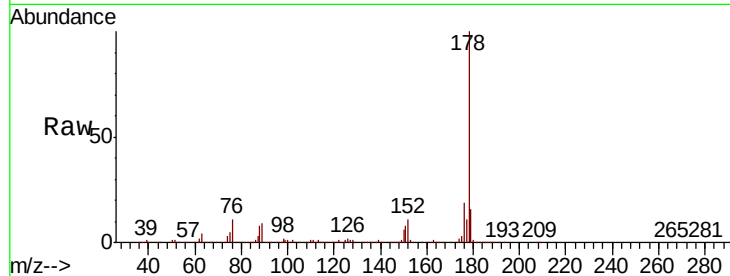
179 15.5 12.3 18.5

Manual Integrations

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Sohil

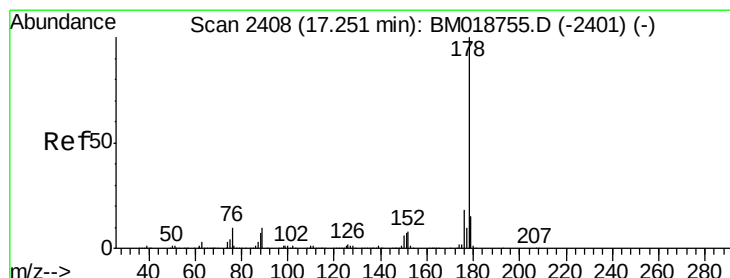
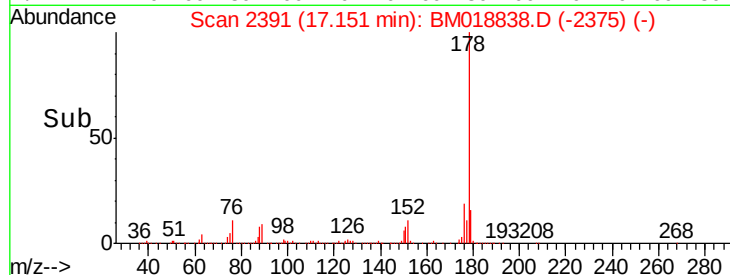
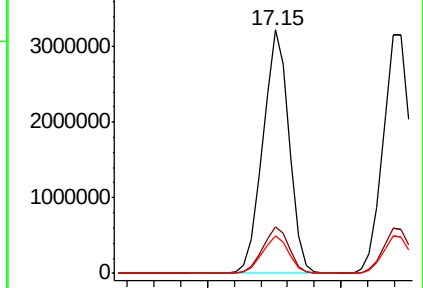
2/19/2019 10:03:05 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 52.906 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Tgt Ion:178 Resp: 4465568

Ion Ratio Lower Upper

178 100

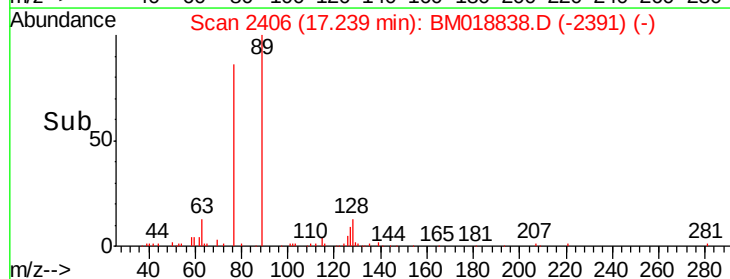
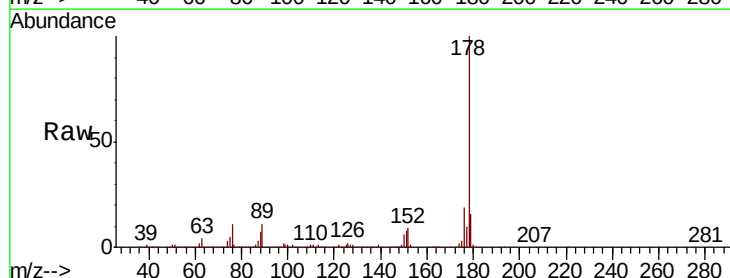
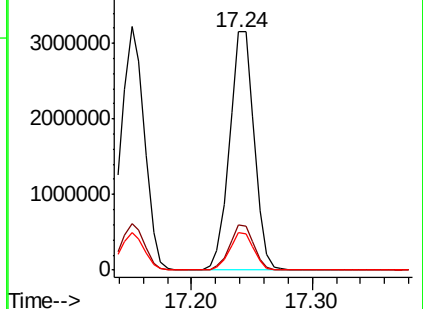
176 18.8 14.8 22.2

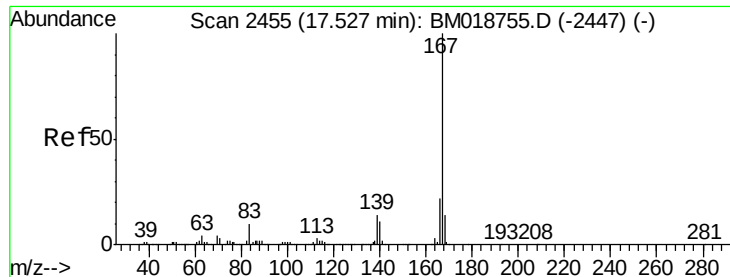
179 15.5 12.1 18.1

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





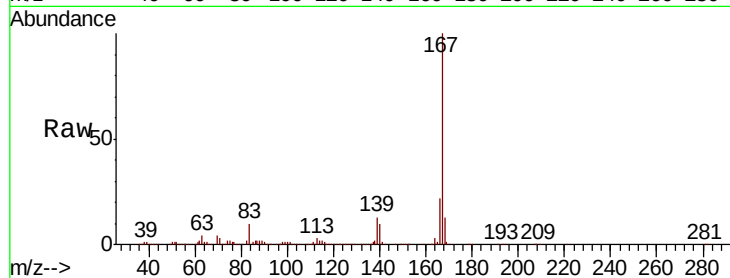
#73
 Carbazole
 Concen: 46.455 ng
 RT: 17.52 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.7	26.5
139	13.2	10.9	16.3

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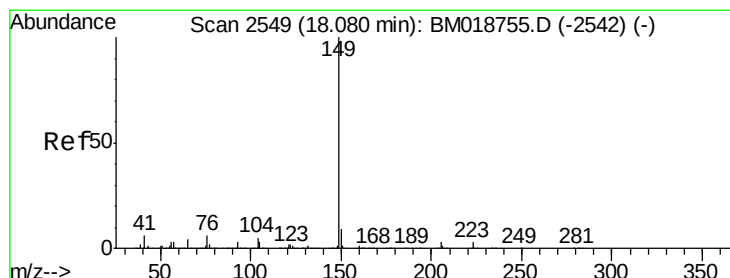
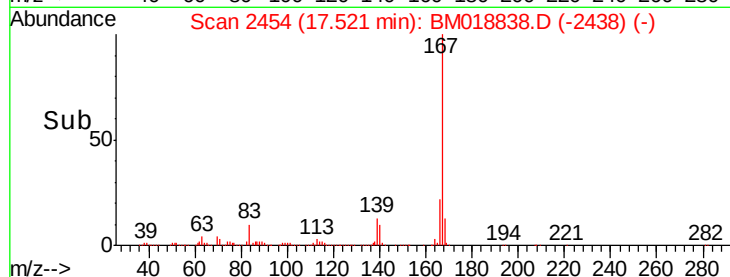
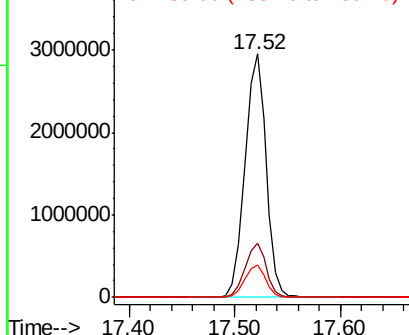


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 51.518 ng
 RT: 18.07 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

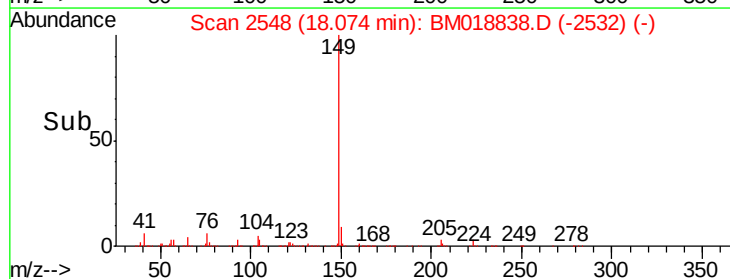
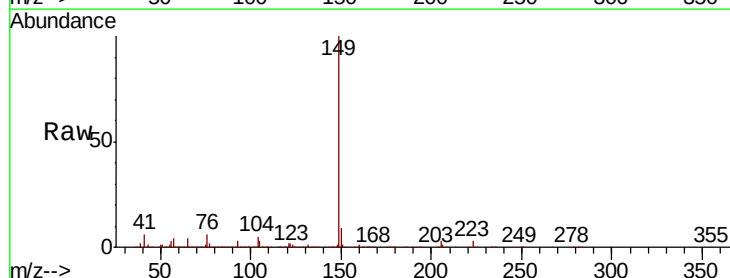
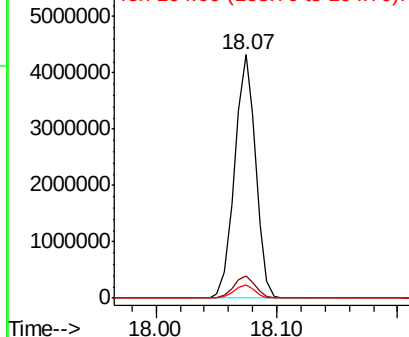
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.0
104	5.5	4.3	6.5

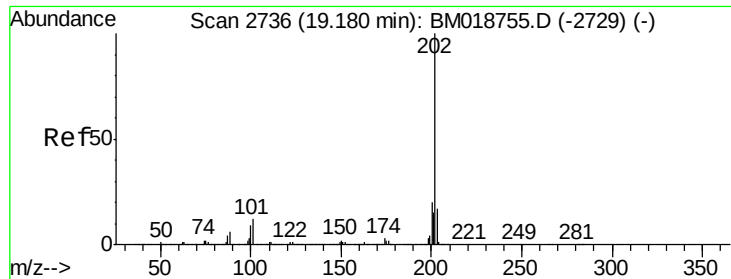
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





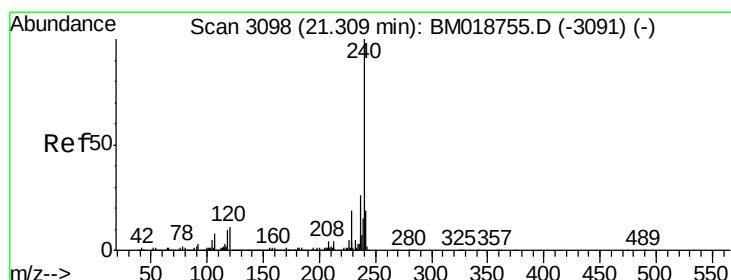
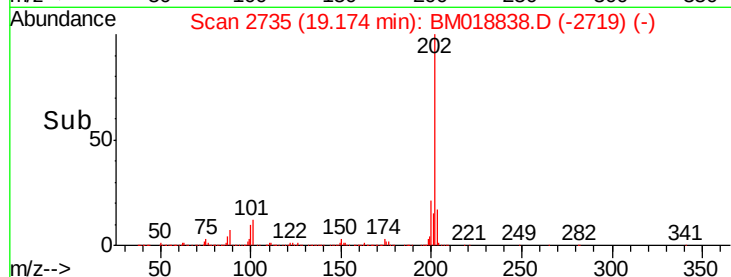
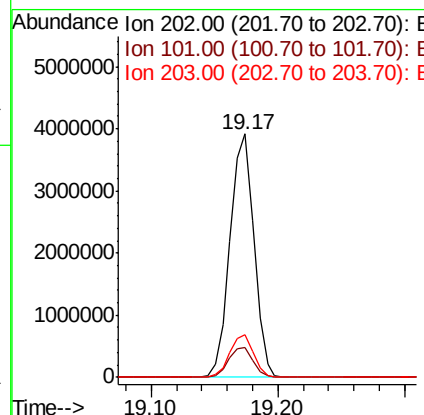
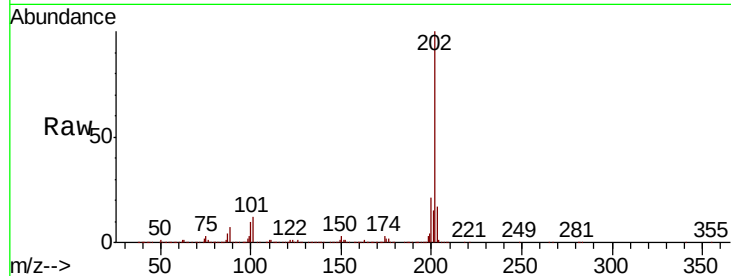
#75
 Fluoranthene
 Concen: 51.017 ng
 RT: 19.17 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.5
203	17.5	0.0	37.3

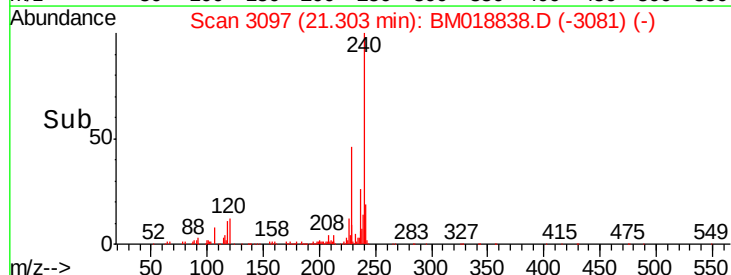
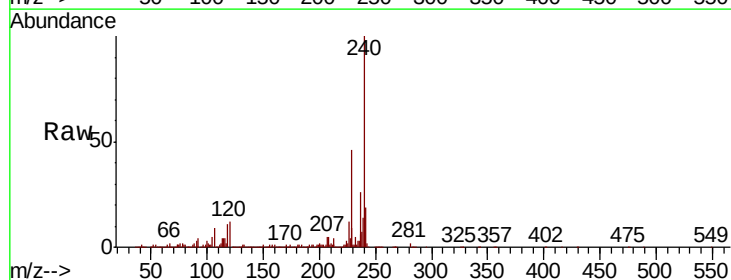
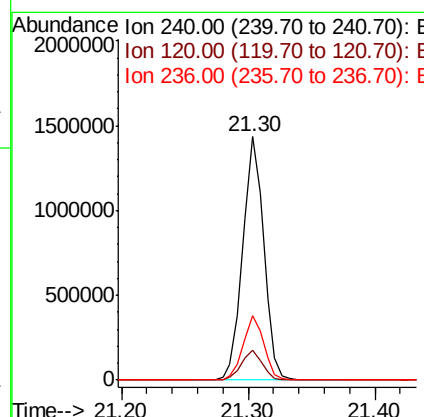
Manual Integrations
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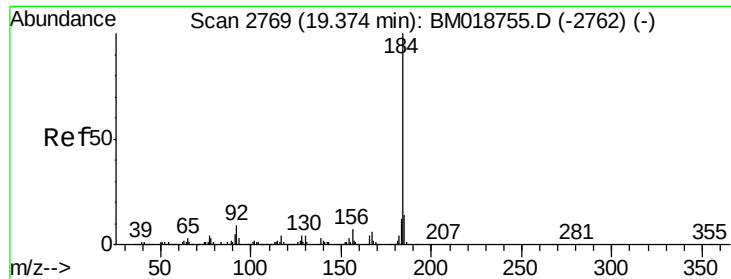
Sohil
 2/19/2019 10:03:05 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.30 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.9	13.3
236	26.2	20.9	31.3





#77

Benzidine

Concen: 89.358 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:184 Resp: 3297511

Ion Ratio Lower Upper

184 100

185 14.0 11.2 16.8

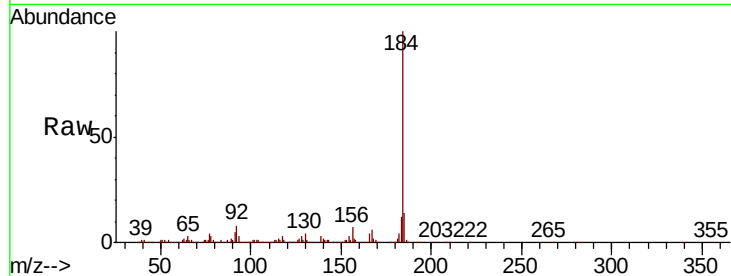
183 12.2 9.7 14.5

Manual Integrations

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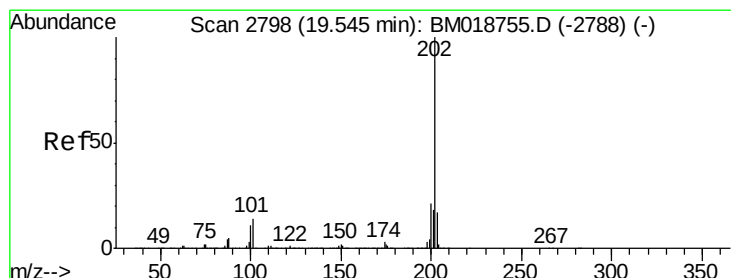
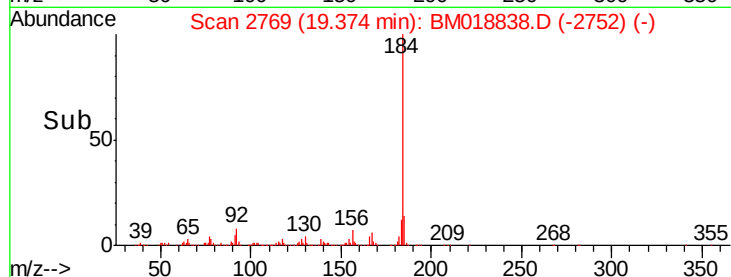
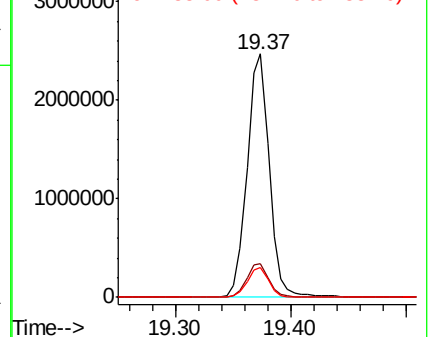


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.391 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

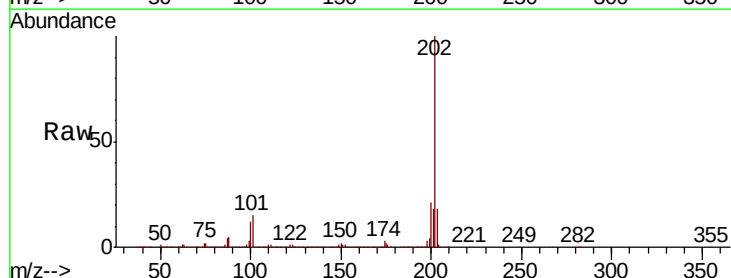
Tgt Ion:202 Resp: 5176129

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

203 17.8 13.8 20.8

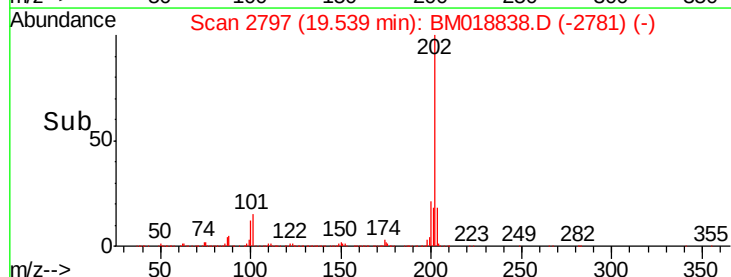
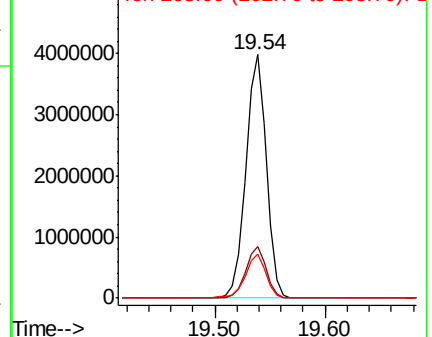


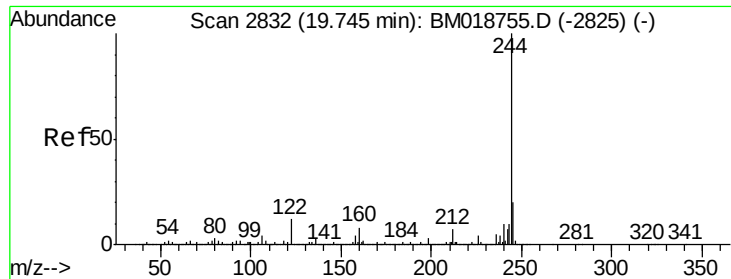
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





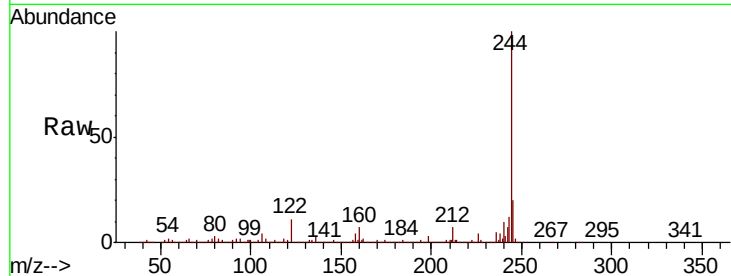
#79
 Terphenyl-d14
 Concen: 88.948 ng
 RT: 19.74 min Scan# 2832
 Delta R.T. -0.00 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Instrument :
 BNA_M
 ClientSampleId :
 CH-021419MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.8	9.3	13.9

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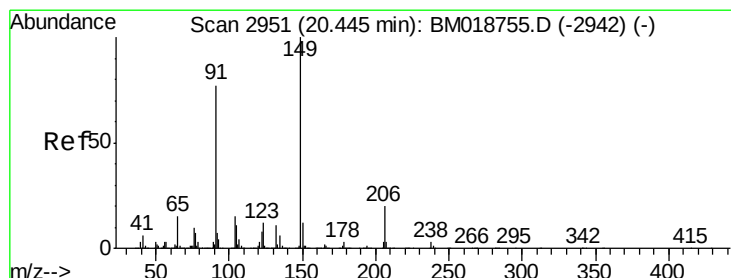
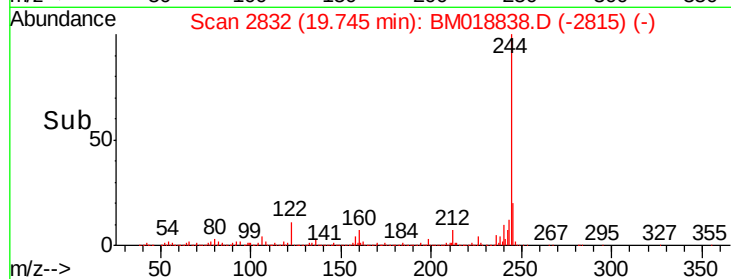
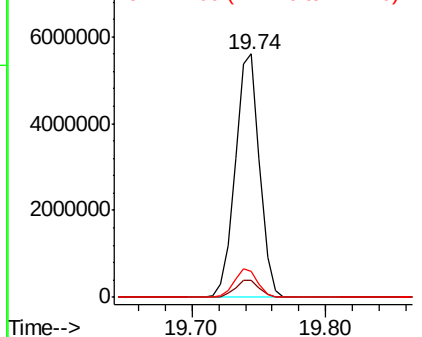


Abundance

Ion 244.00 (243.70 to 244.70): E

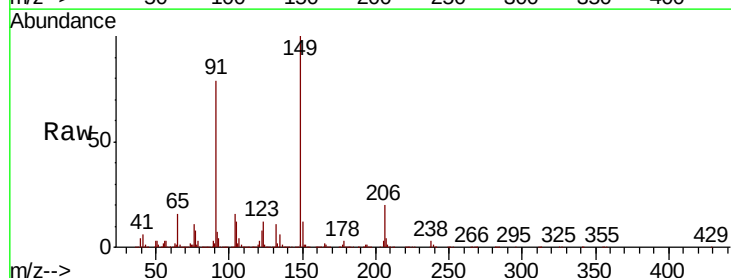
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 57.938 ng
 RT: 20.44 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BM018838.D
 Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.1	61.4	92.0
206	19.6	15.8	23.8

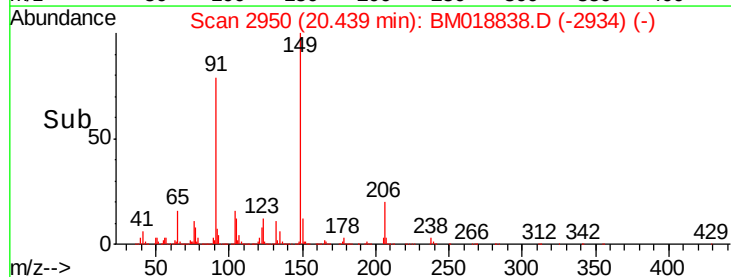
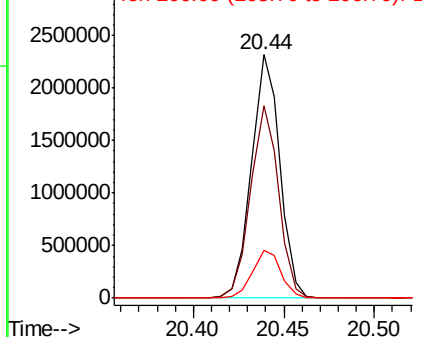


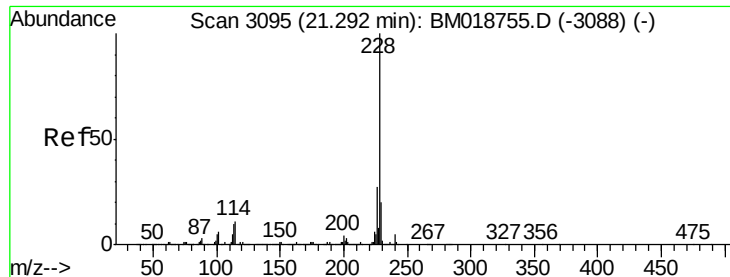
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 52.144 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

ClientSampleId :

CH-021419MSD

Tot Ion:228 Resp: 4980476

Ion Ratio Lower Upper

228 100

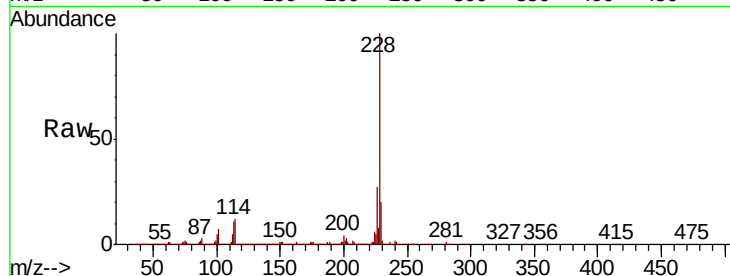
226 27.3 21.9 32.9

229 20.1 15.9 23.9

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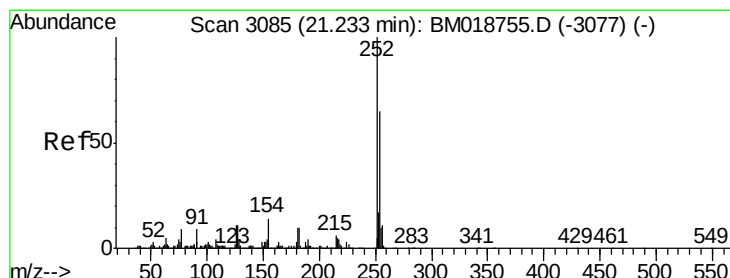
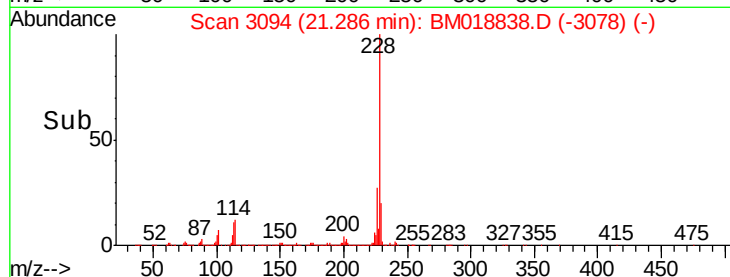
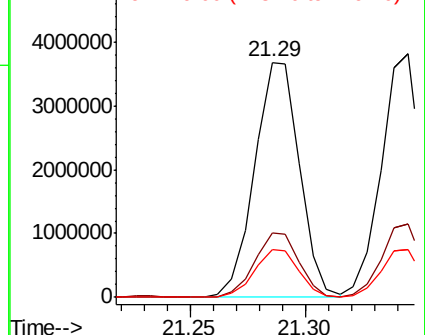


Abundance

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: 41.349 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

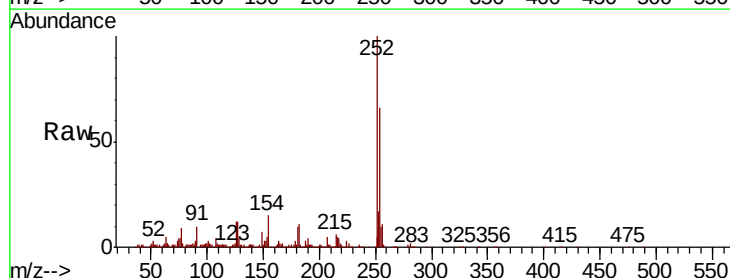
Tgt Ion:252 Resp: 1560856

Ion Ratio Lower Upper

252 100

254 66.0 51.8 77.8

126 12.1 9.1 13.7

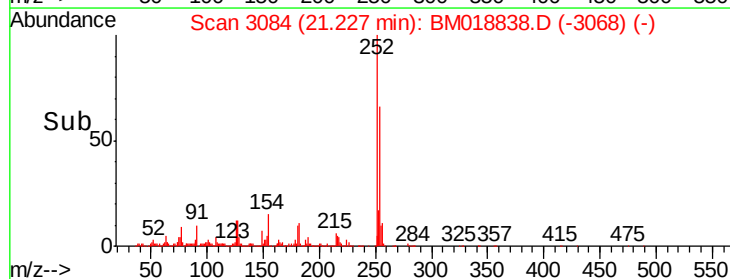
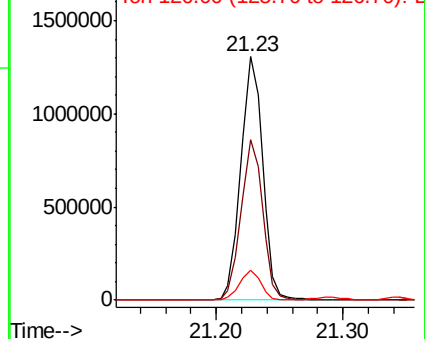


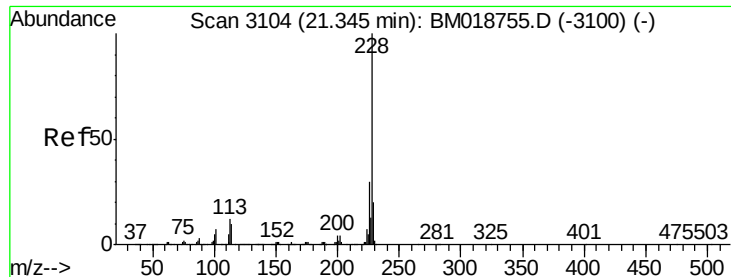
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





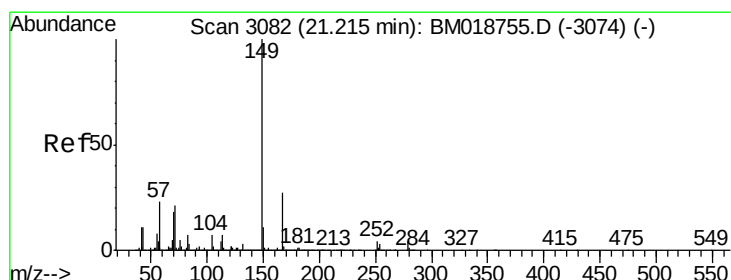
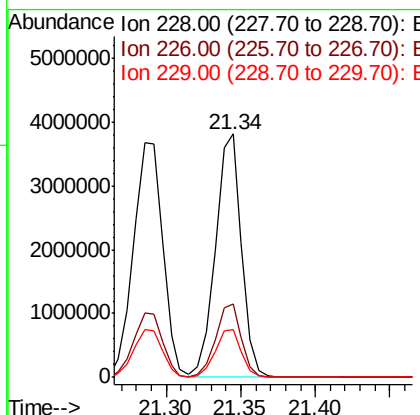
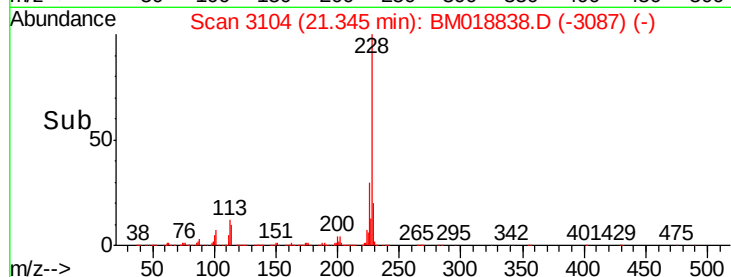
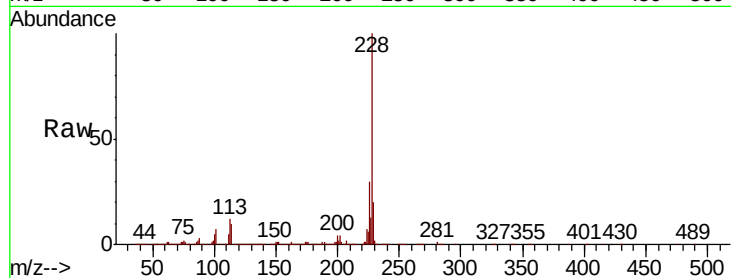
#83
Chrysene
Concen: 50.659 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion:228 Resp: 4637748
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.6 16.0 24.0

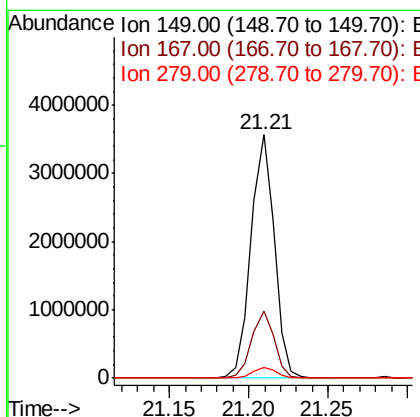
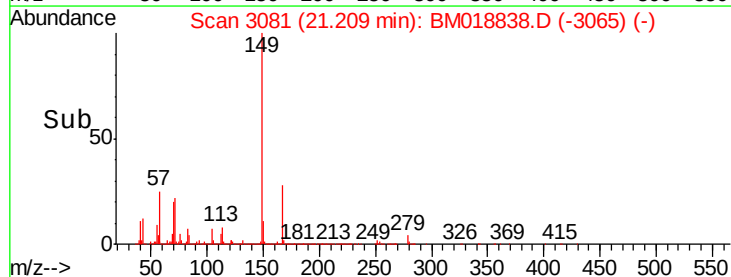
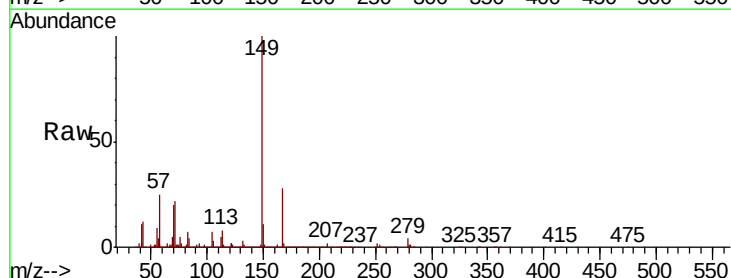
Manual Integrations
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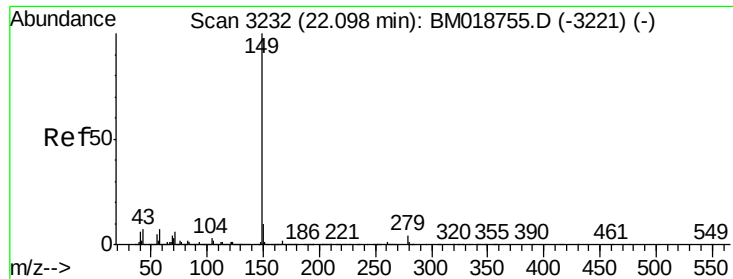
Sohil
2/19/2019 10:03:05 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.582 ng
RT: 21.21 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion:149 Resp: 3655126
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 4.3 3.6 5.4





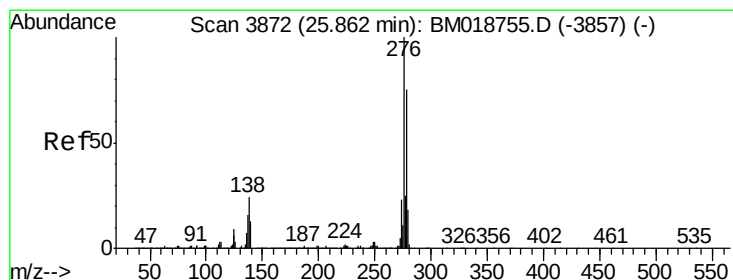
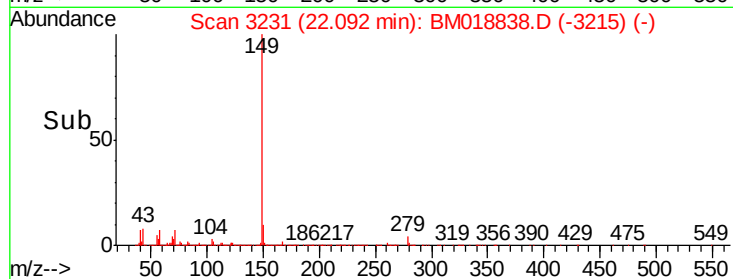
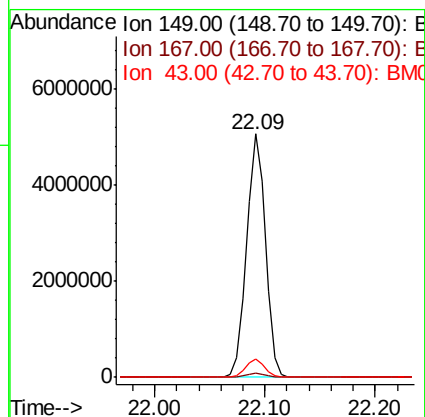
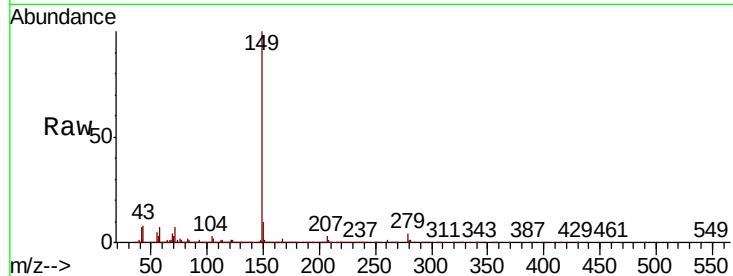
#85
Di-n-octyl phthalate
Concen: 57.177 ng
RT: 22.09 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion:	149	Resp:	6100026
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.7	6.0	9.0

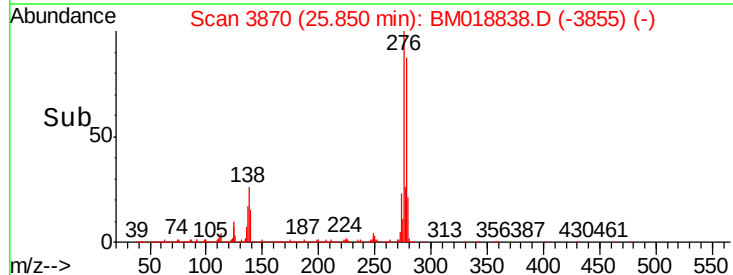
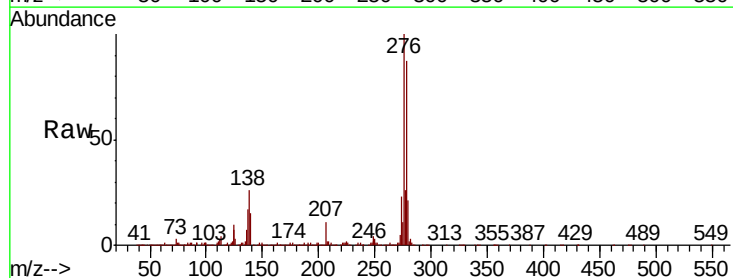
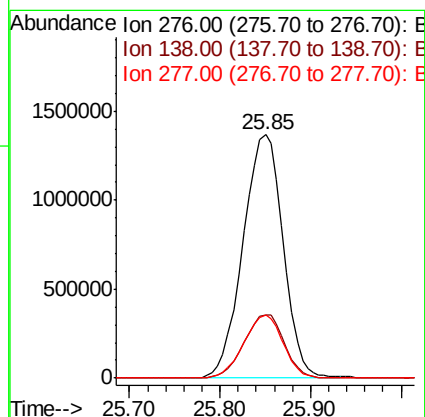
Manual Integrations
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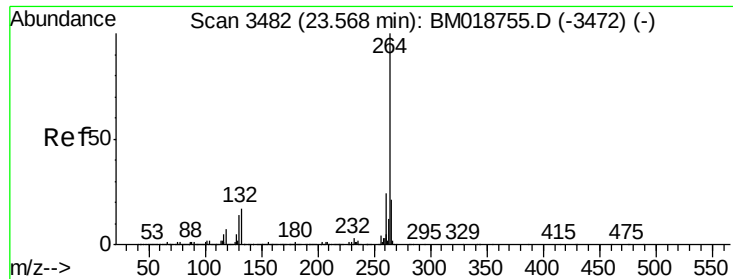
Sohil
2/19/2019 10:03:05 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.741 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion:	276	Resp:	4200482
Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.2	30.4
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3480

Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Instrument :

BNA_M

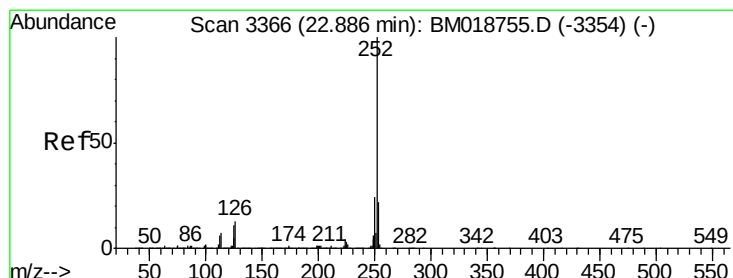
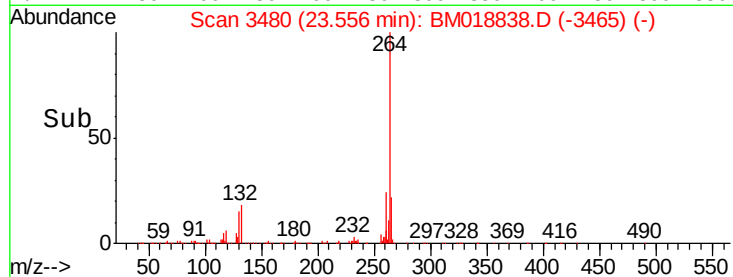
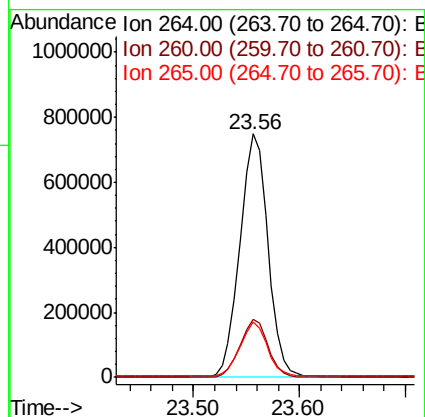
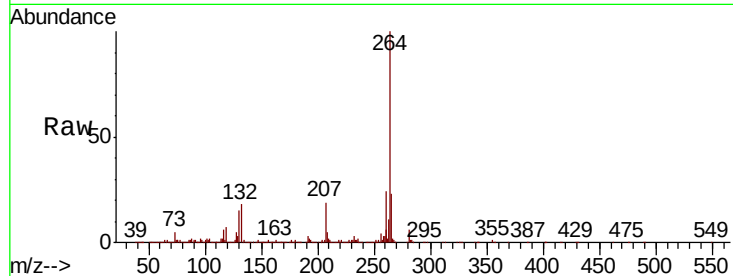
ClientSampleId :

CH-021419MSD

Tot Ion:	264	Resp:	1381201
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.9	28.3
265	22.6	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 56.338 ng

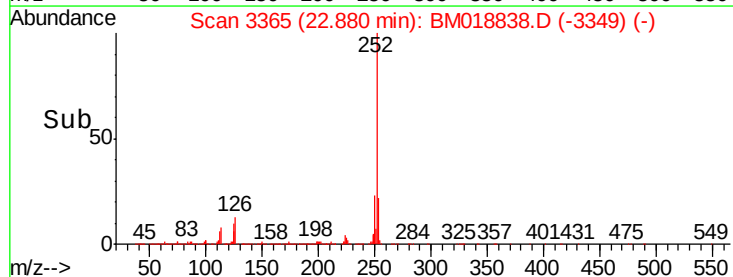
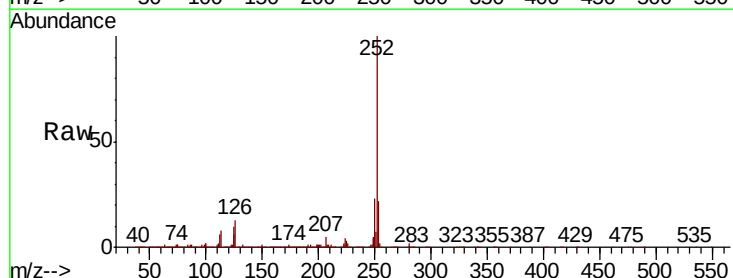
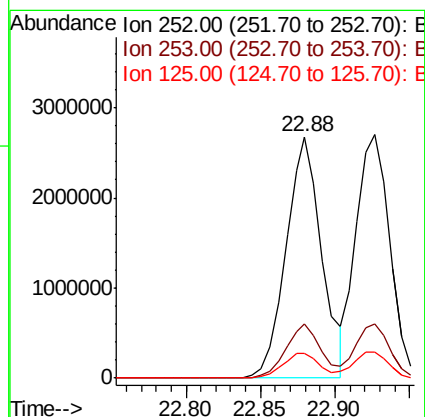
RT: 22.88 min Scan# 3365

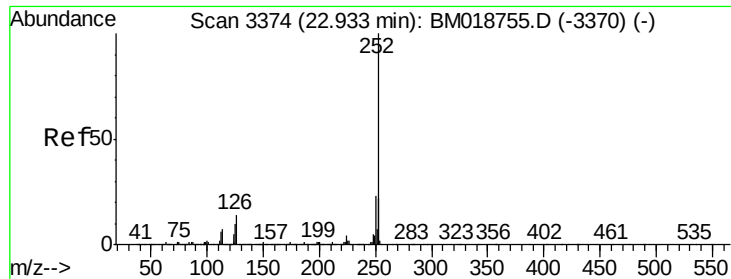
Delta R.T. -0.01 min

Lab File: BM018838.D

Acq: 18 Feb 2019 15:00

Tgt Ion:	252	Resp:	4452065
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	10.4	8.6	12.8





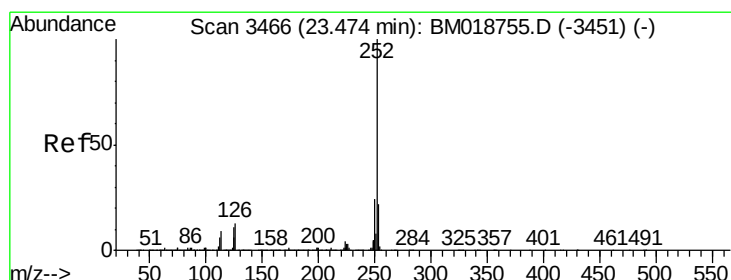
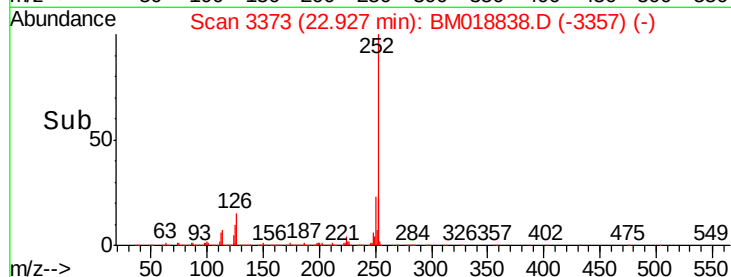
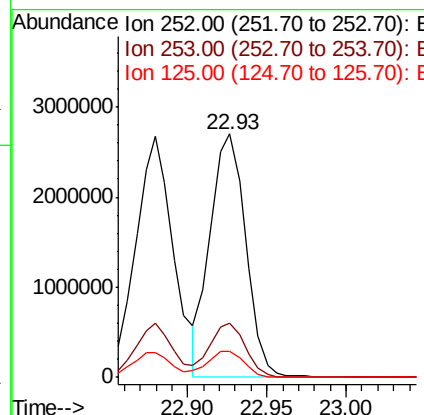
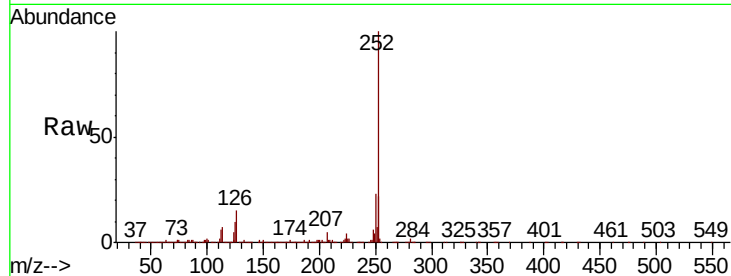
#89
Benzo(k)fluoranthene
Concen: 53.534 ng
RT: 22.93 min Scan# 3373
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	10.5	8.2	12.4

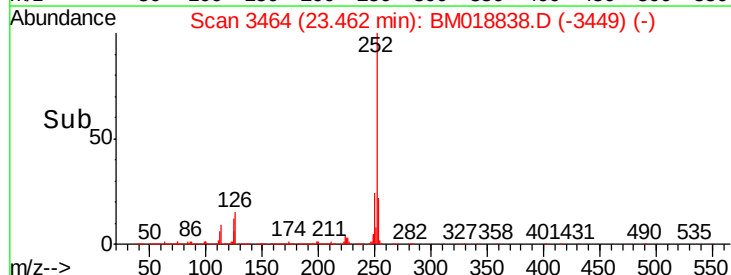
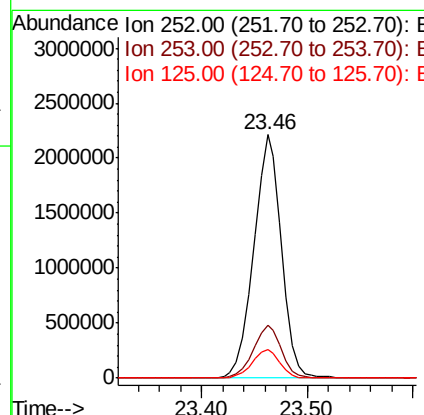
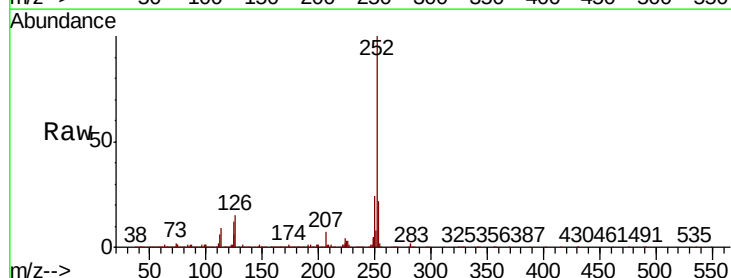
Manual Integrations
APPROVED

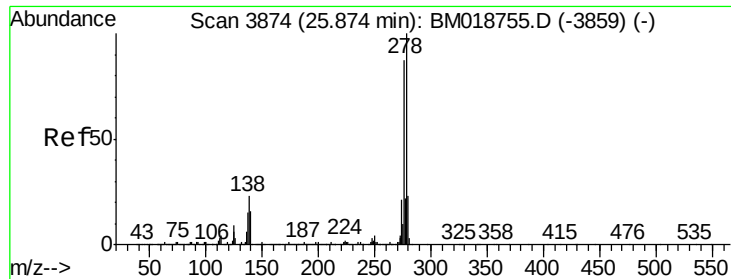
Sohil
2/19/2019 10:03:05 AM



#90
Benzo(a)pyrene
Concen: 53.470 ng
RT: 23.46 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	11.8	8.6	13.0





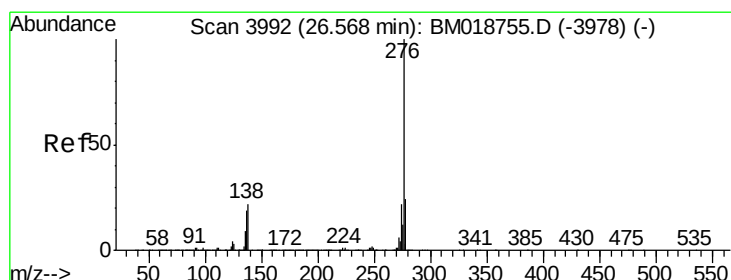
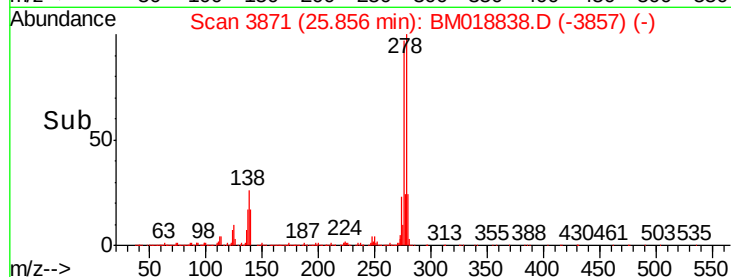
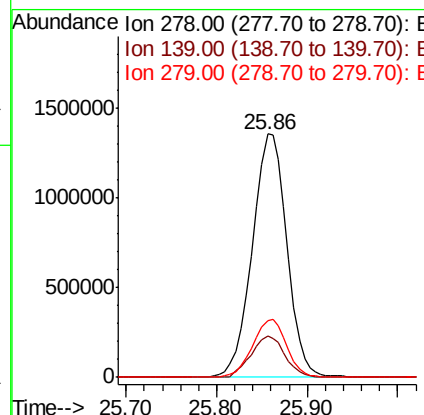
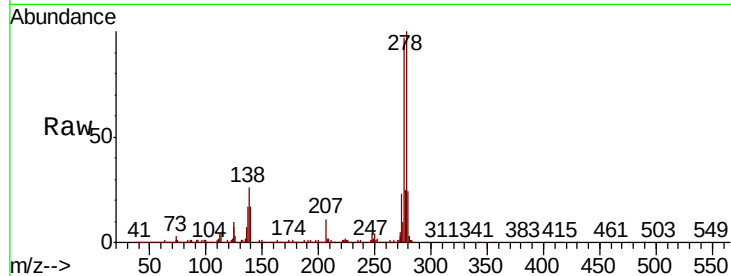
#91
Dibenzo(a,h)anthracene
Concen: 48.277 ng
RT: 25.86 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Instrument :
BNA_M
ClientSampleId :
CH-021419MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	12.6	18.8
279	23.5	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/19/2019 10:03:05 AM



#92
Benzo(g,h,i)perylene
Concen: 48.309 ng
RT: 26.55 min Scan# 3989
Delta R.T. -0.02 min
Lab File: BM018838.D
Acq: 18 Feb 2019 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	22.5	17.3	25.9

