

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022119\
 Data File : BM018898.D
 Acq On : 21 Feb 2019 16:32
 Operator : JU/SJ
 Sample : K1538-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

Manual Integrations
 APPROVED

Sohil
 2/22/2019 9:32:42 AM

Quant Time: Feb 22 03:34:27 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	290670	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1238245	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	706015	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1605199	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1663003	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1454063	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2302409	129.78	ng	-0.01
7) Phenol-d6	6.87	99	3327654	133.15	ng	-0.01
23) Nitrobenzene-d5	8.87	82	2131187	79.58	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1256945	123.51	ng	-0.01
45) 2-Fluorobiphenyl	12.96	172	3965943	74.57	ng	-0.02
79) Terphenyl-d14	19.73	244	6131247	76.06	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.25	88	251245	32.516	ng	99
3) Pyridine	3.64	79	771831	36.621	ng	100
4) n-Nitrosodimethylamine	3.56	42	255434	47.640	ng	94
6) Aniline	7.04	93	1266494	41.360	ng	99
8) 2-Chlorophenol	7.26	128	842293	43.245	ng	98
9) Benzaldehyde	6.86	77	422110	28.533	ng	100
10) Phenol	6.90	94	1207938	45.936	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	800959	39.930	ng	99
12) 1,3-Dichlorobenzene	7.58	146	839818	38.346	ng	99
13) 1,4-Dichlorobenzene	7.73	146	858525	38.505	ng	100
14) 1,2-Dichlorobenzene	8.05	146	836826	39.073	ng	99
15) Benzyl Alcohol	7.95	79	851940	42.902	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	787864	40.581	ng	98
17) 2-Methylphenol	8.14	107	735001	43.916	ng	98
18) Hexachloroethane	8.76	117	315608	38.776	ng	96
19) n-Nitroso-di-n-propylamine	8.51	70	778928	40.254	ng	99
20) 3+4-Methylphenols	8.47	107	1011296	43.758	ng	98
22) Acetophenone	8.53	105	1295196	38.089	ng	# 98
24) Nitrobenzene	8.91	77	1113102	40.044	ng	100
25) Isophorone	9.43	82	1947564	45.579	ng	100
26) 2-Nitrophenol	9.61	139	452079	40.839	ng	98
27) 2,4-Dimethylphenol	9.67	122	763685	47.234	ng	99
28) bis(2-Chloroethoxy)methane	9.91	93	1136979	41.148	ng	99
29) 2,4-Dichlorophenol	10.14	162	790852	42.599	ng	100
30) 1,2,4-Trichlorobenzene	10.35	180	821306	38.308	ng	99
31) Naphthalene	10.53	128	2536487	42.002	ng	99
32) Benzoic acid	9.82	122	372214	26.391	ng	96
33) 4-Chloroaniline	10.66	127	838294	31.053	ng	99
34) Hexachlorobutadiene	10.80	225	439882	35.347	ng	98
35) Caprolactam	11.48	113	259994m	34.315	ng	
36) 4-Chloro-3-methylphenol	11.79	107	932623	41.666	ng	98
37) 2-Methylnaphthalene	12.15	142	1885948	44.356	ng	99
38) 1-Methylnaphthalene	12.37	142	1781917	42.858	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	874147	38.705	ng	99

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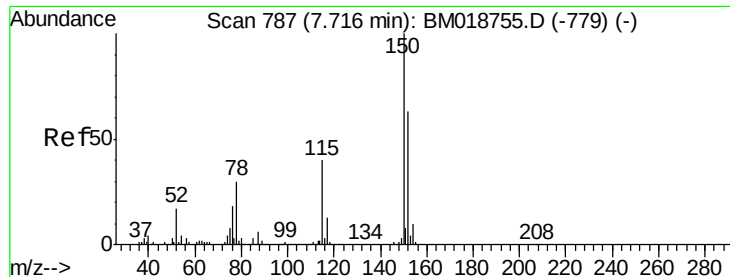
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	948110	82.109	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	639068	42.744	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	672600	42.921	ng	99
46) 1,1'-Biphenyl	13.17	154	2382641	39.206	ng	99
47) 2-Chloronaphthalene	13.22	162	1867611	39.788	ng	99
48) 2-Nitroaniline	13.45	65	669271	42.931	ng	99
49) Acenaphthylene	14.07	152	3063566	43.832	ng	99
50) Dimethylphthalate	13.82	163	2632593	44.742	ng	99
51) 2,6-Dinitrotoluene	13.95	165	531448	41.696	ng	99
52) Acenaphthene	14.42	154	1748667	40.802	ng	100
53) 3-Nitroaniline	14.28	138	464553	32.257	ng	98
54) 2,4-Dinitrophenol	14.49	184	525961	66.111	ng	99
55) Dibenzofuran	14.75	168	2872816	40.783	ng	99
56) 4-Nitrophenol	14.59	139	897558	78.073	ng	99
57) 2,4-Dinitrotoluene	14.73	165	752489	42.849	ng	98
58) Fluorene	15.40	166	2351838	43.641	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.97	232	603455	43.566	ng	98
60) Diethylphthalate	15.18	149	2447923	40.331	ng	100
61) 4-Chlorophenyl-phenylether	15.40	204	1148702	38.017	ng	98
62) 4-Nitroaniline	15.45	138	540704	38.297	ng	99
63) Azobenzene	15.69	77	2679021	41.166	ng	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	392440	34.821	ng	99
66) n-Nitrosodiphenylamine	15.62	169	2033018	40.087	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	682803	38.002	ng	98
68) Hexachlorobenzene	16.40	284	797558	38.189	ng	97
69) Atrazine	16.57	200	659348	40.328	ng	99
70) Pentachlorophenol	16.75	266	1039752	77.322	ng	99
71) Phenanthrene	17.14	178	3668179	42.522	ng	100
72) Anthracene	17.23	178	3752780	44.695	ng	99
73) Carbazole	17.52	167	3414285	38.921	ng	99
74) Di-n-butylphthalate	18.07	149	4348532	43.103	ng	100
75) Fluoranthene	19.17	202	4256766	42.718	ng	99
77) Benzidine	19.37	184	2625407	70.098	ng	100
78) Pyrene	19.53	202	4393048	45.484	ng	100
80) Butylbenzylphthalate	20.43	149	2116271	48.078	ng	99
81) Benzo(a)anthracene	21.28	228	4201954	43.346	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1345131	35.110	ng	100
83) Chrysene	21.33	228	3878697	41.745	ng	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	3086421	47.907	ng	100
85) Di-n-octyl phthalate	22.09	149	5285259	48.811	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	3694880	34.443	ng	100
88) Benzo(b)fluoranthene	22.87	252	3780355	45.441	ng	99
89) Benzo(k)fluoranthene	22.91	252	3779715	45.636	ng	99
90) Benzo(a)pyrene	23.45	252	3481423	44.175	ng	98
91) Dibenzo(a,h)anthracene	25.84	278	3178795	40.712	ng	99
92) Benzo(g,h,i)perylene	26.53	276	2915443	40.107	ng	100

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



#1

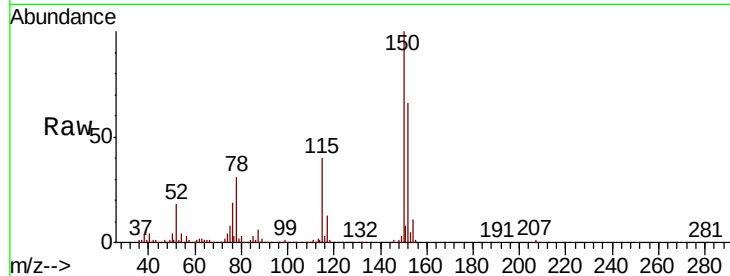
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	127.3	190.9
115	61.0	50.8	76.2

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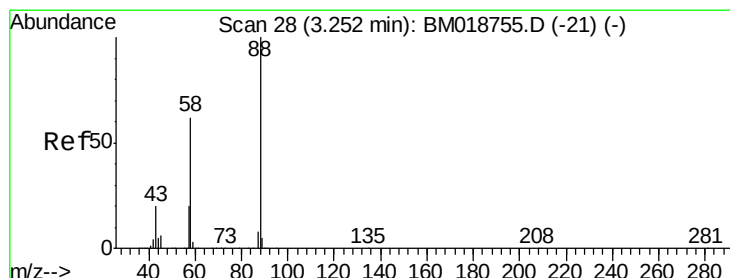
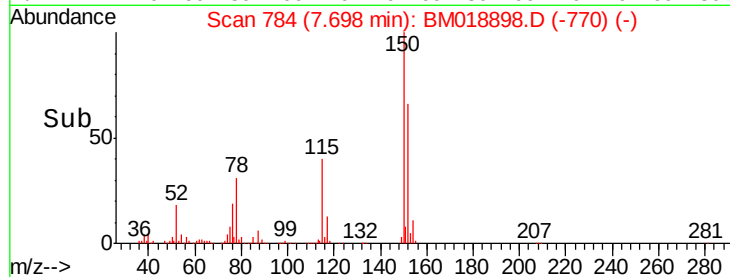
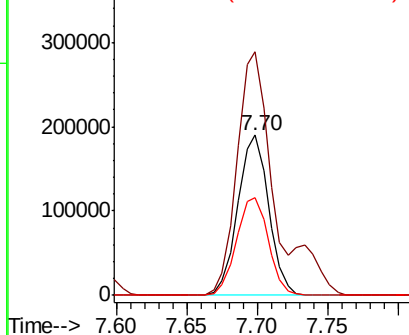


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

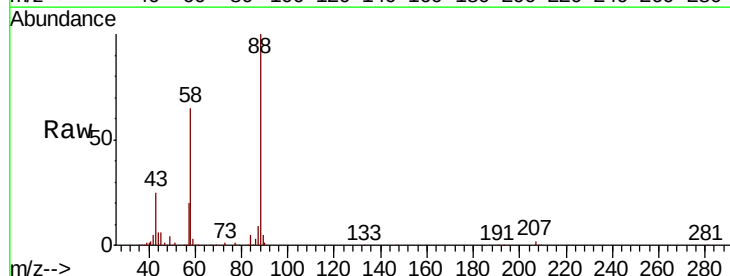
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.516 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	49.8	74.6
43	22.2	16.7	25.1

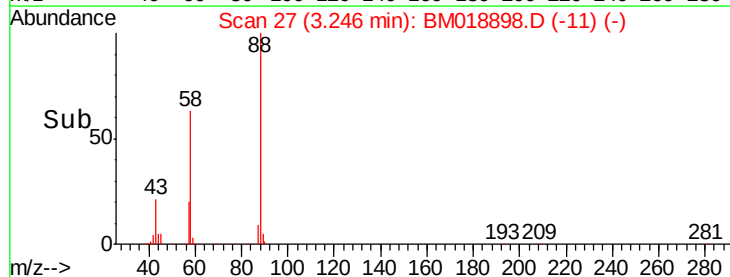
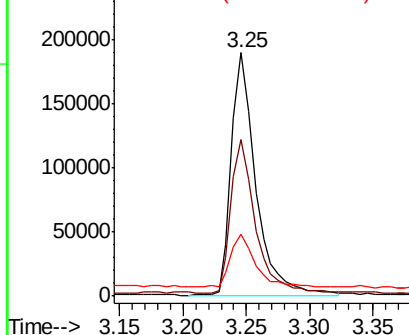


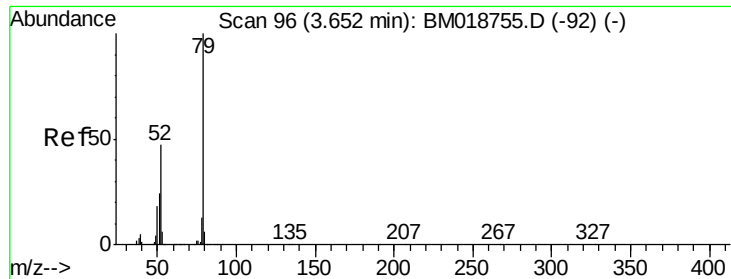
Abundance

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: 36.621 ng

RT: 3.64 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

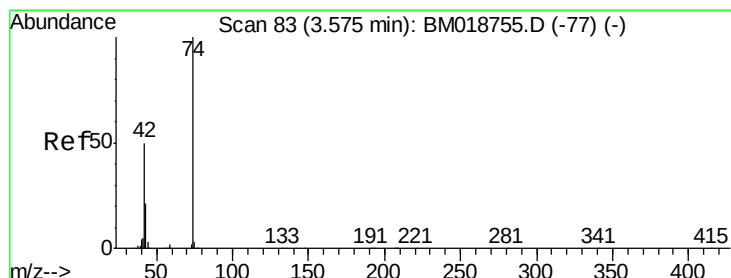
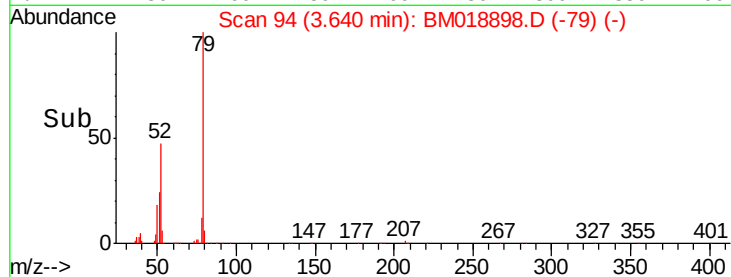
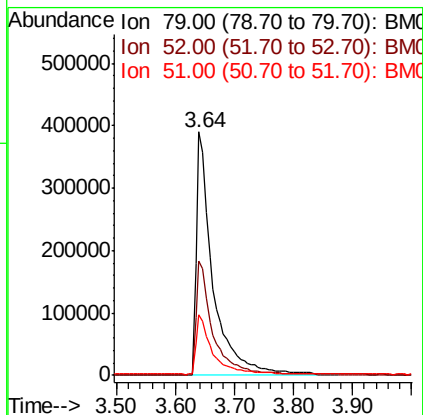
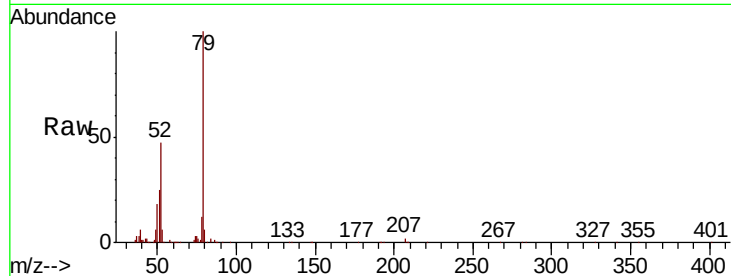
ClientSampled :

M-11-A-DMSD

Tot Ion:	79	Resp:	771831
Ion Ratio	Lower	Upper	
79	100		
52	47.0	37.6	56.4
51	24.6	19.7	29.5

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#4

n-Nitrosodimethylamine

Concen: 47.640 ng

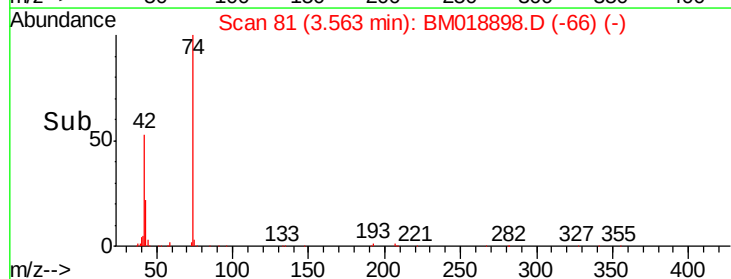
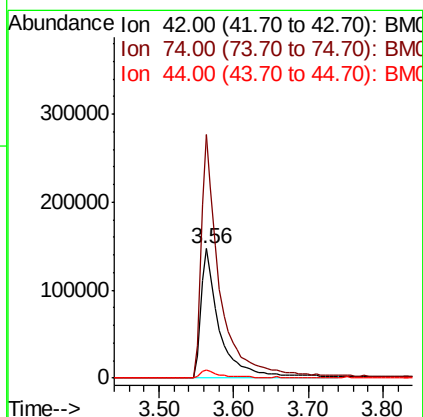
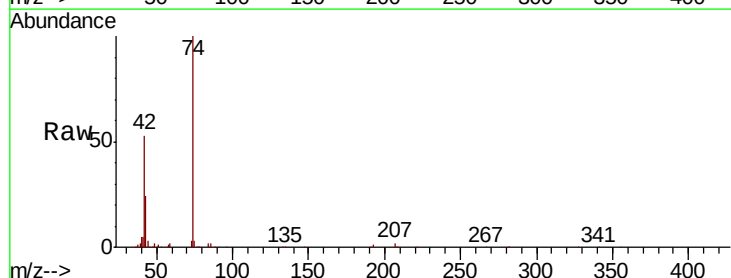
RT: 3.56 min Scan# 81

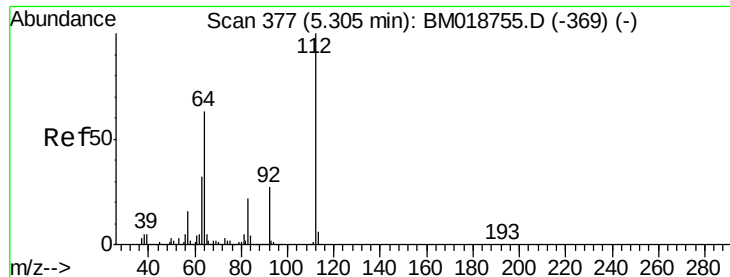
Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:	42	Resp:	255434
Ion Ratio	Lower	Upper	
42	100		
74	188.1	158.1	237.1
44	6.0	4.9	7.3





#5

2-Fluorophenol

Concen: 129.784 ng

RT: 5.29 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

ClientSampleId :

M-11-A-DMSD

Tot Ion:112 Resp: 2302409

Ion Ratio Lower Upper

112 100

64 64.1 50.6 75.8

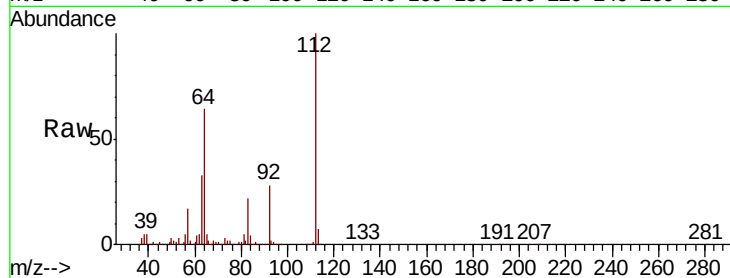
63 32.9 25.7 38.5

Manual Integrations

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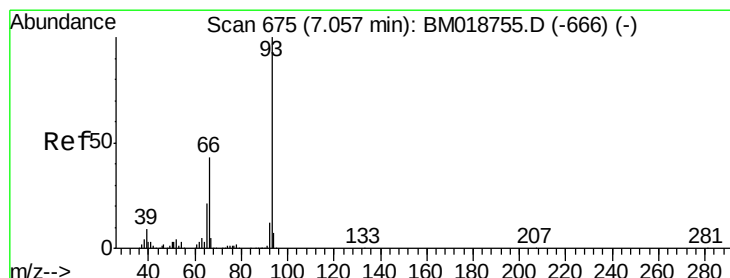
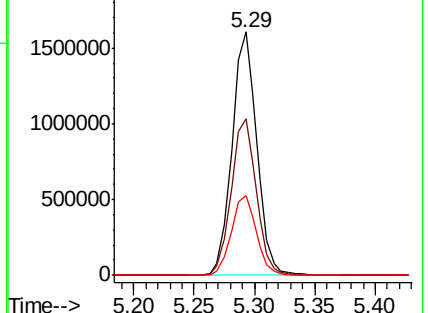
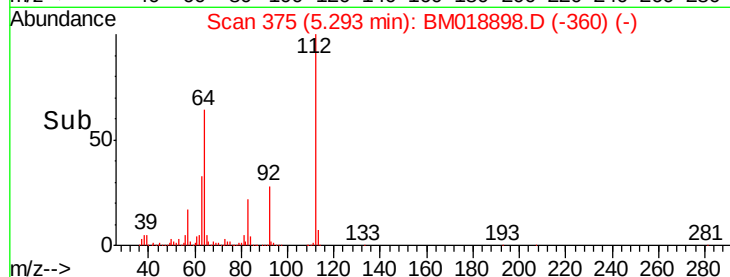
2/22/2019 9:32:42 AM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 41.360 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

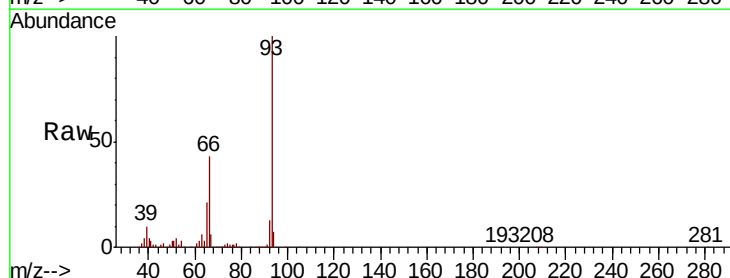
Tgt Ion: 93 Resp: 1266494

Ion Ratio Lower Upper

93 100

66 43.1 34.1 51.1

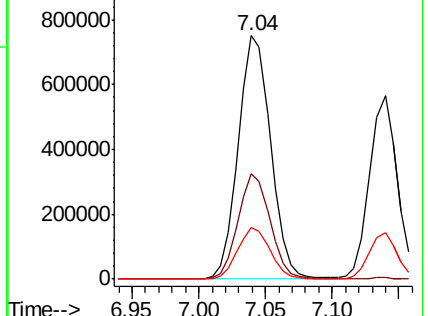
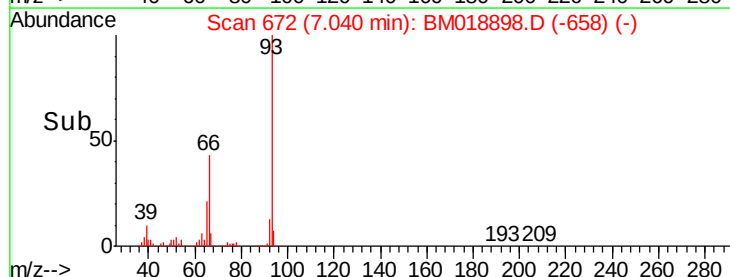
65 21.2 16.6 24.8

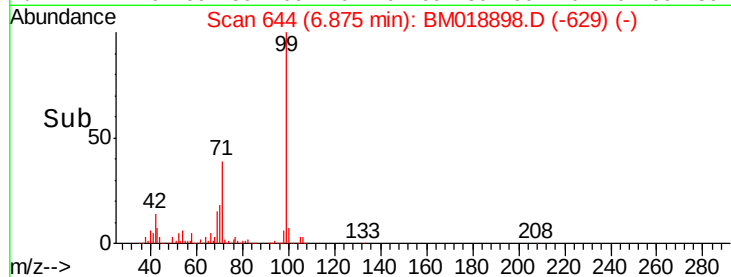
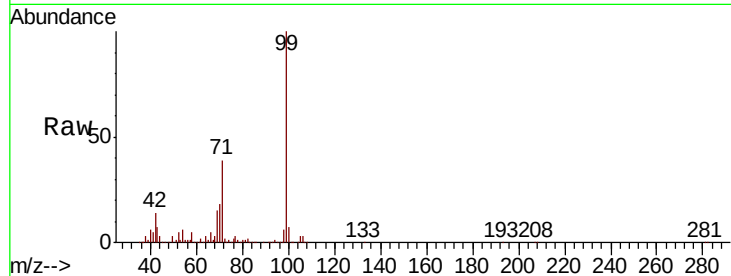
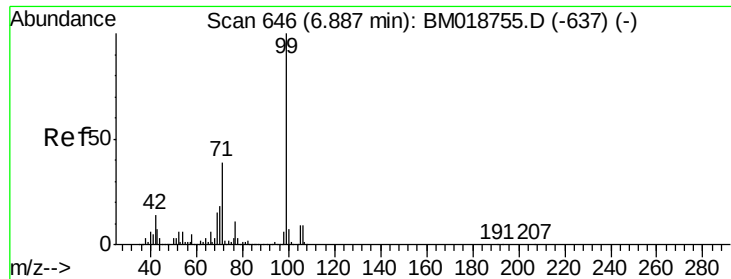


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 133.150 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tot Ion:	99	Resp:	3327654
Ion	Ratio	Lower	Upper
99	100		
42	14.3	11.0	16.6
71	39.2	31.3	46.9

Instrument :

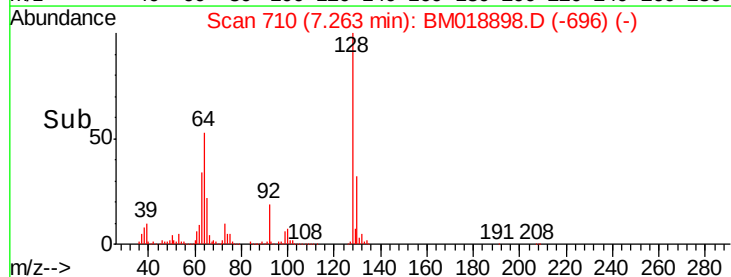
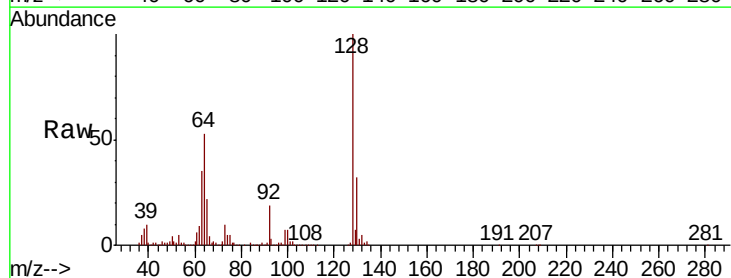
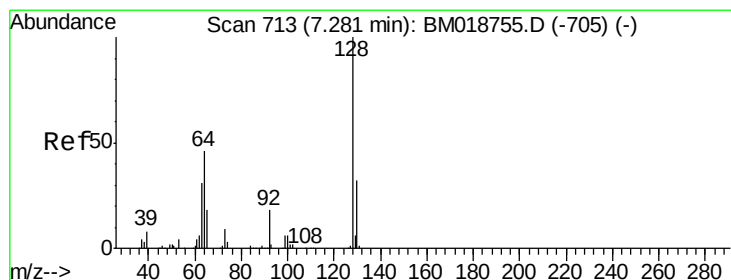
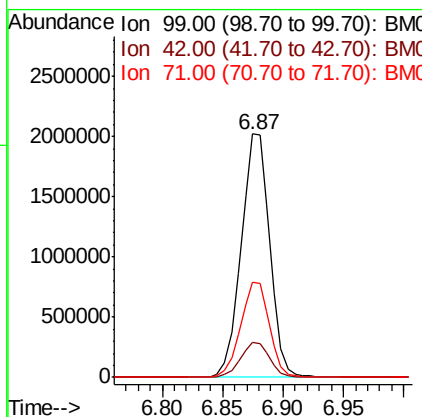
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#8

2-Chlorophenol

Concen: 43.245 ng

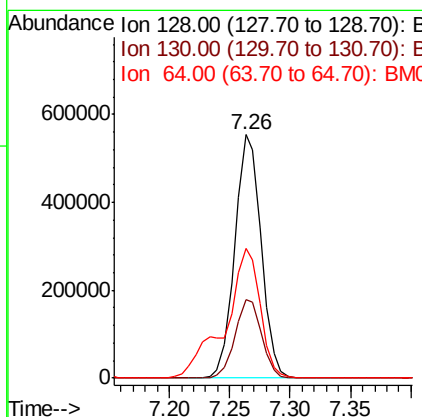
RT: 7.26 min Scan# 710

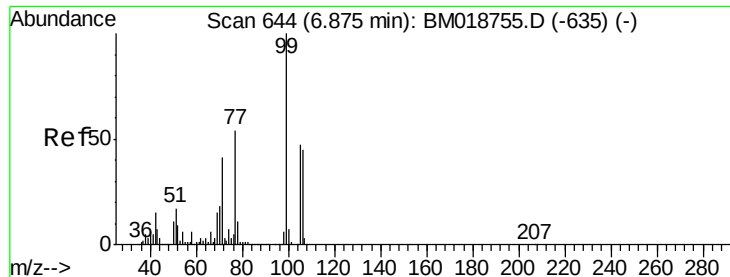
Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:	128	Resp:	842293
Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.7	51.7
64	53.2	31.0	71.0





#9

Benzaldehyde

Concen: 28.533 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

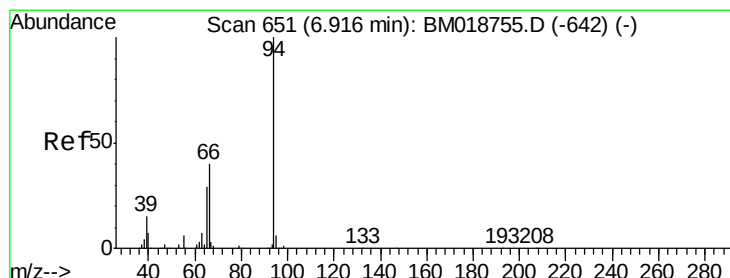
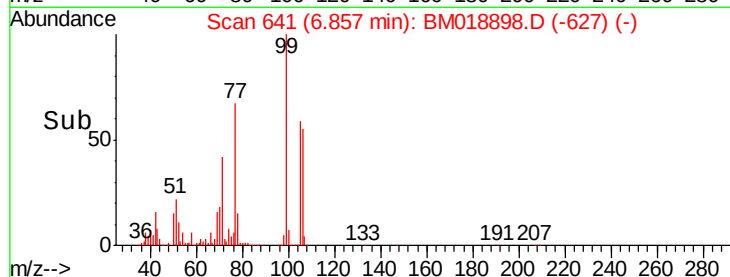
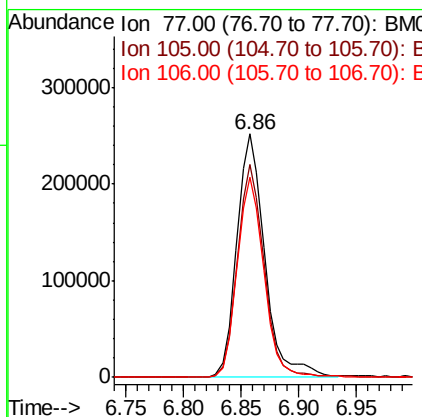
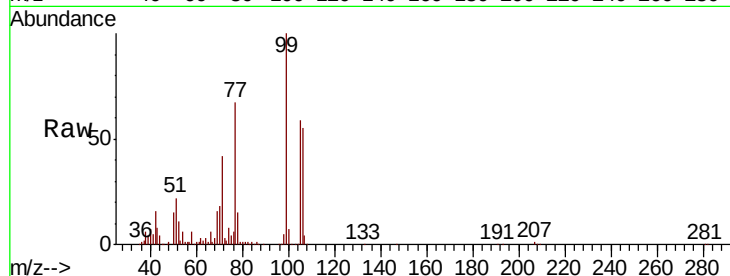
ClientSampleId :

M-11-A-DMSD

Tot Ion:	77	Resp:	422110
Ion	Ratio	Lower	Upper
77	100		
105	87.5	67.3	107.3
106	82.4	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 45.936 ng

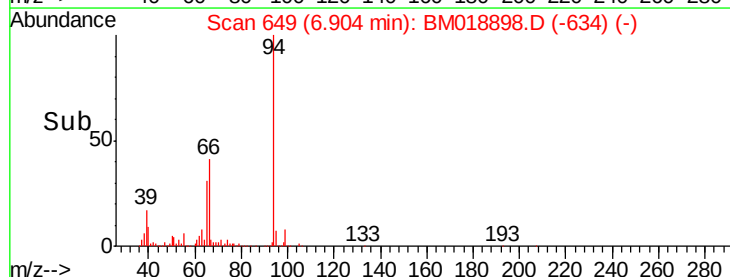
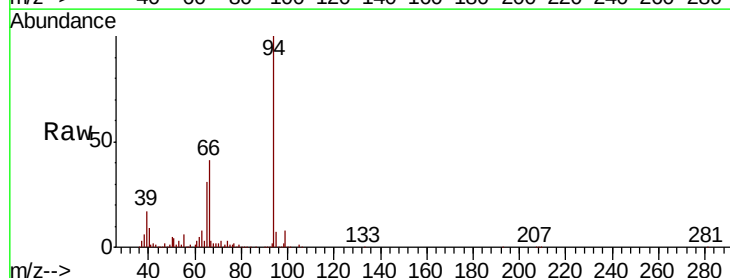
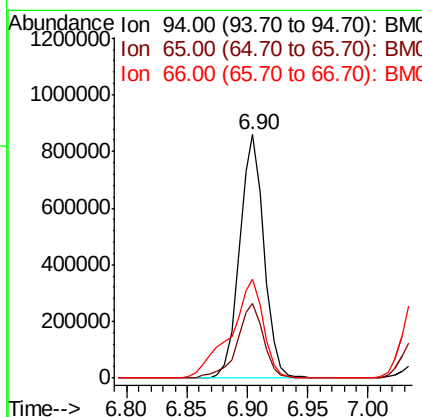
RT: 6.90 min Scan# 649

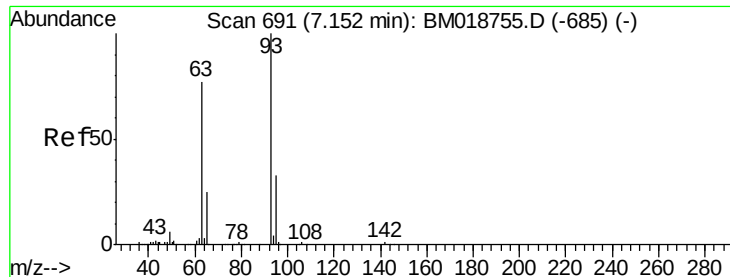
Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:	94	Resp:	1207938
Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.6	49.6
66	40.5	20.4	60.4





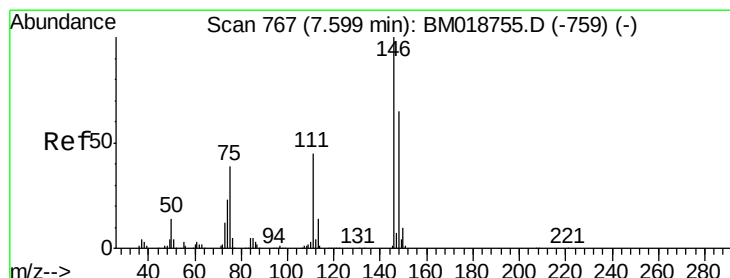
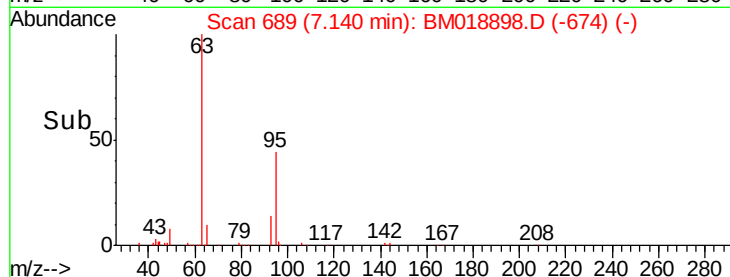
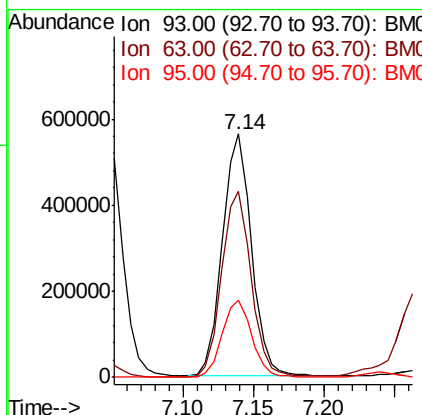
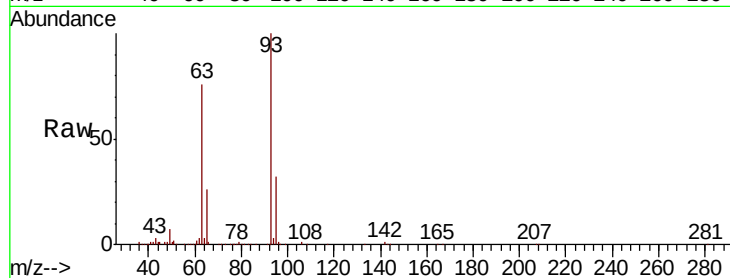
#11
bis(2-Chloroethyl)ether
Concen: 39.930 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion:	93	Resp:	800959
Ion	Ratio	Lower	Upper
93	100		
63	76.5	57.0	97.0
95	31.6	12.4	52.4

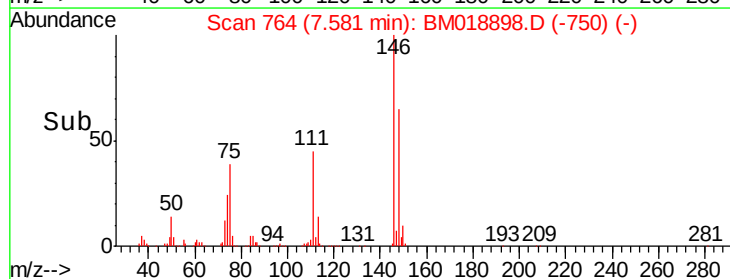
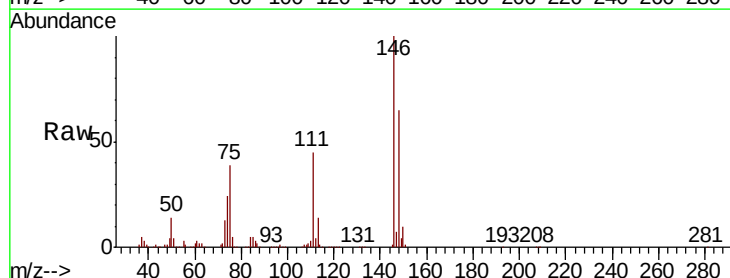
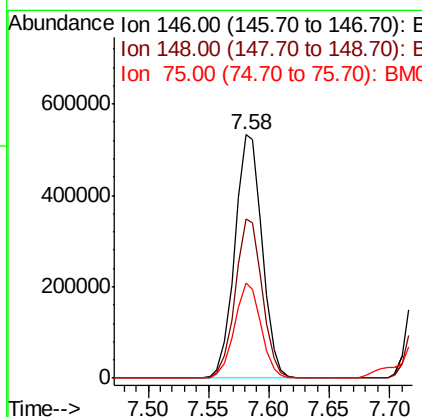
Manual Integrations
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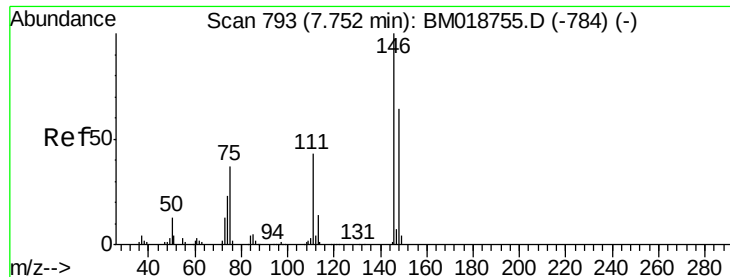
Sohil
2/22/2019 9:32:42 AM



#12
1,3-Dichlorobenzene
Concen: 38.346 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion:	146	Resp:	839818
Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	38.8	31.3	46.9





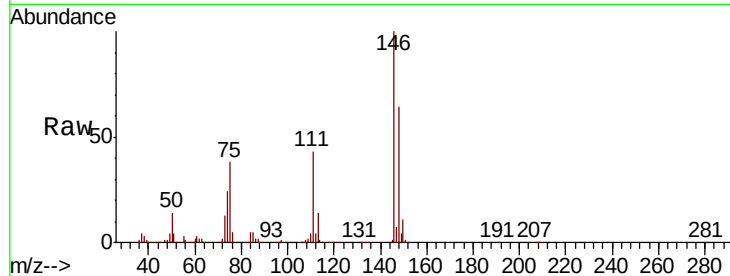
#13
 1,4-Dichlorobenzene
 Concen: 38.505 ng
 RT: 7.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.2
111	43.0	34.6	52.0

Manual Integrations
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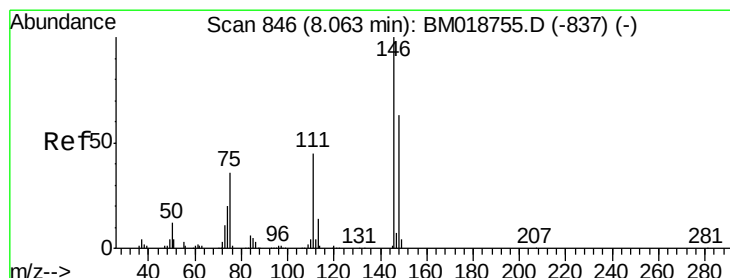
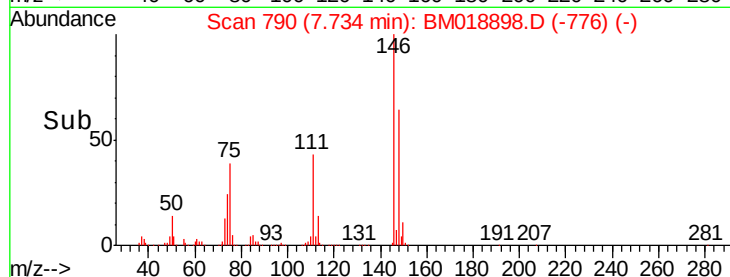
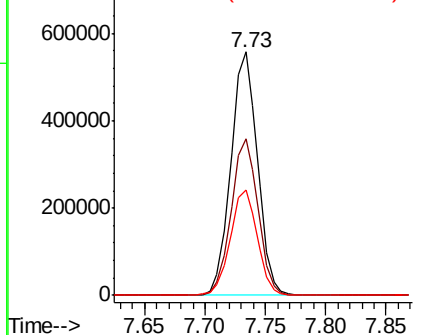


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.073 ng
 RT: 8.05 min Scan# 843
 Delta R.T. -0.02 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

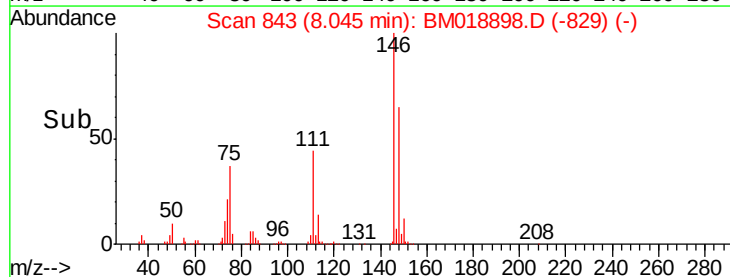
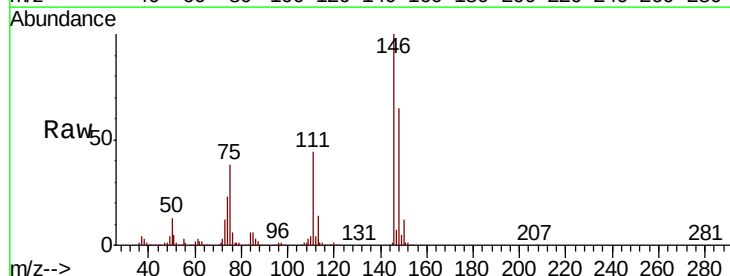
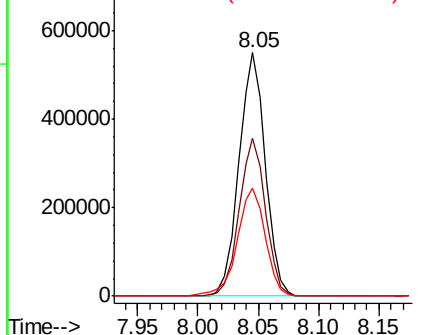
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	44.2	35.9	53.9

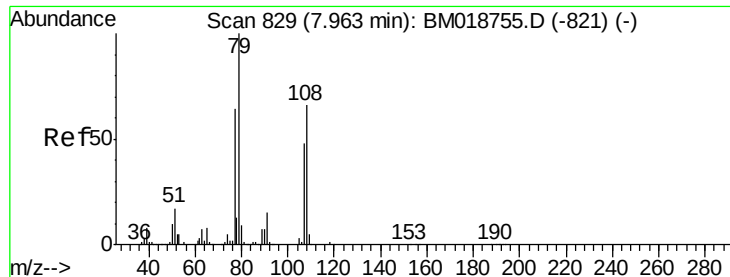
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.902 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

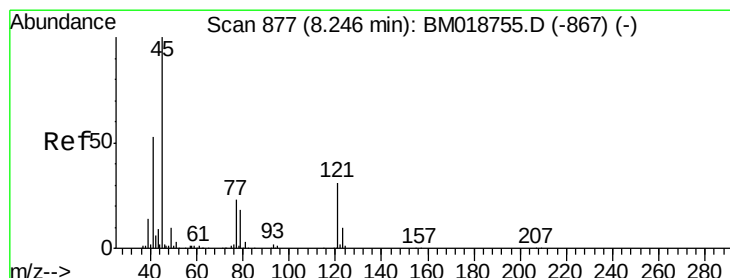
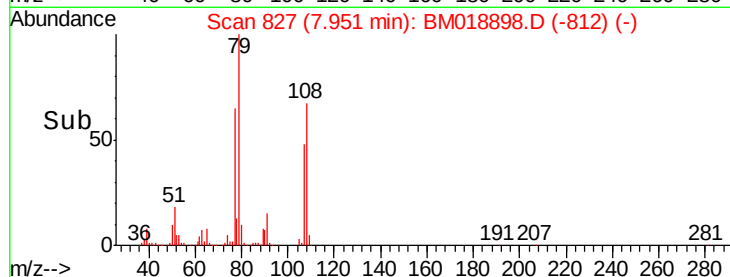
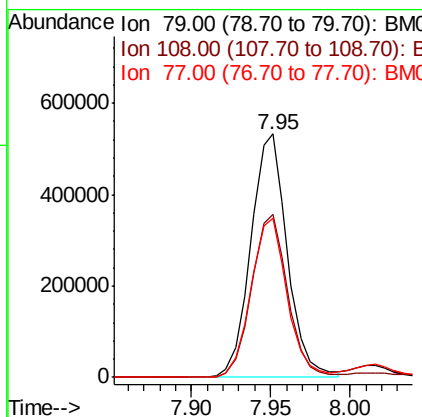
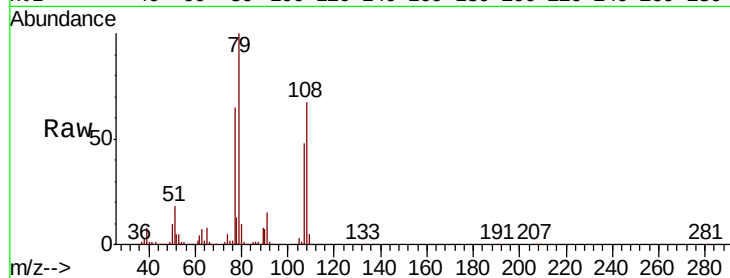
ClientSampleId :

M-11-A-DMSD

Tot Ion:	79	Resp:	851940
Ion	Ratio	Lower	Upper
79	100		
108	66.8	52.7	79.1
77	65.1	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.581 ng

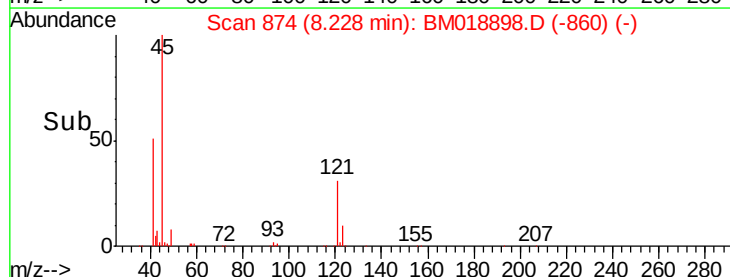
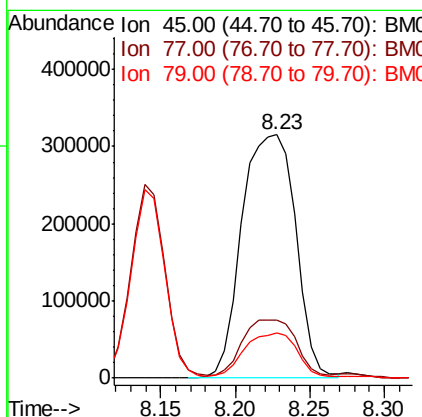
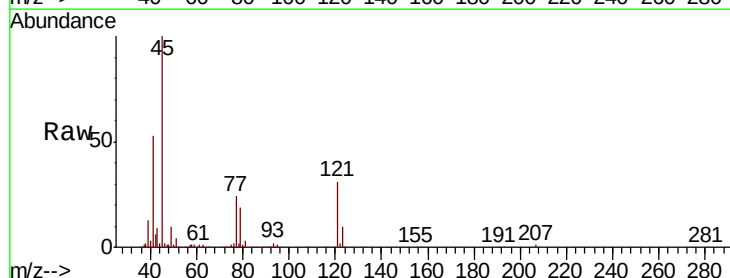
RT: 8.23 min Scan# 874

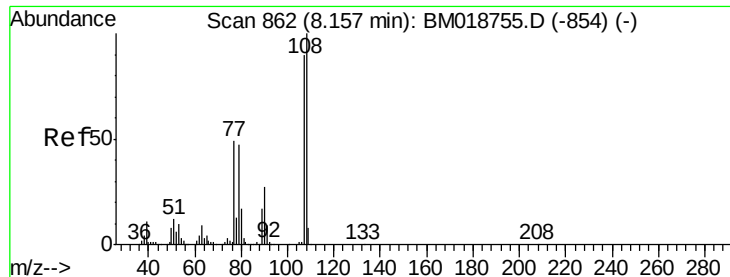
Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:	45	Resp:	787864
Ion	Ratio	Lower	Upper
45	100		
77	23.7	5.0	45.0
79	18.6	0.0	39.3





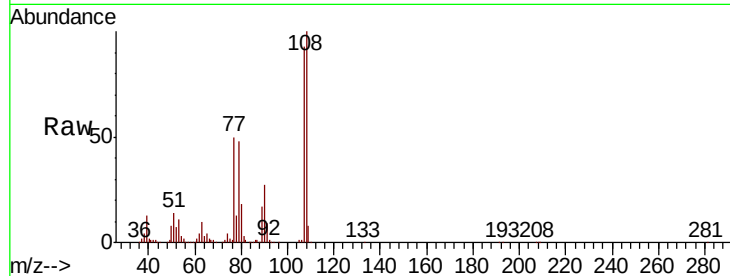
#17
2-Methylphenol
Concen: 43.916 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.9	88.8	133.2	
77	53.7	44.0	66.0	
79	52.3	42.4	63.6	

Manual Integrations
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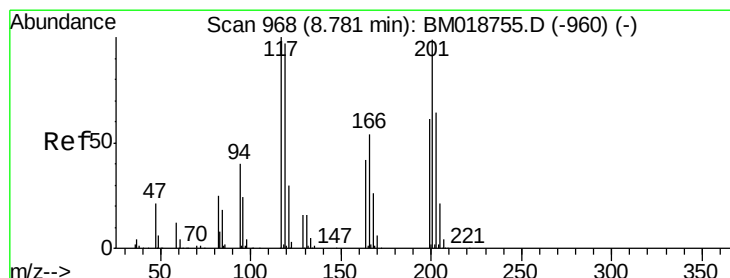
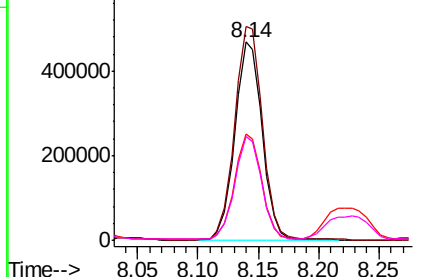
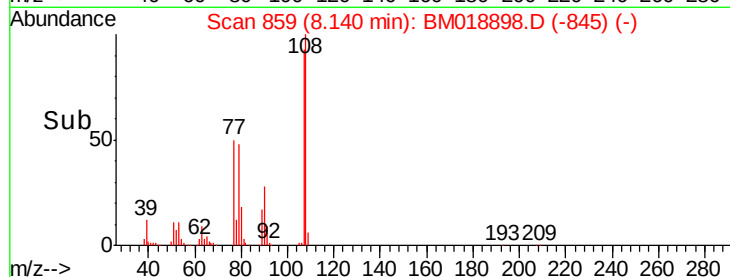
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

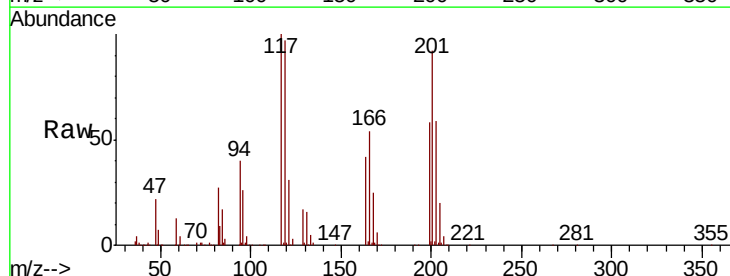
Ion 77.00 (76.70 to 77.70): BMC

Ion 79.00 (78.70 to 79.70): BMC



#18
Hexachloroethane
Concen: 38.776 ng
RT: 8.76 min Scan# 964
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	77.9	116.9	
201	91.9	79.2	118.8	

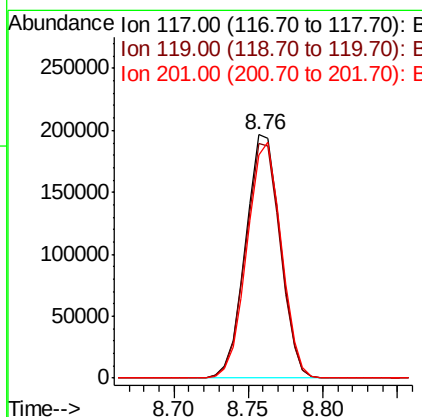
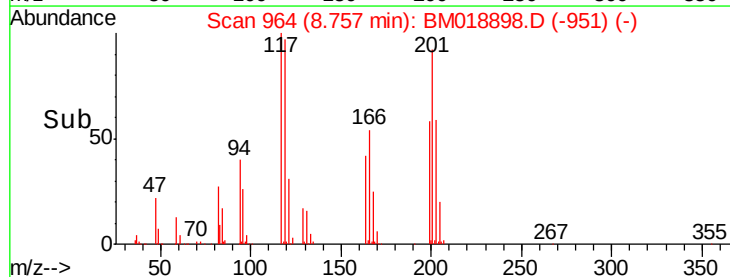


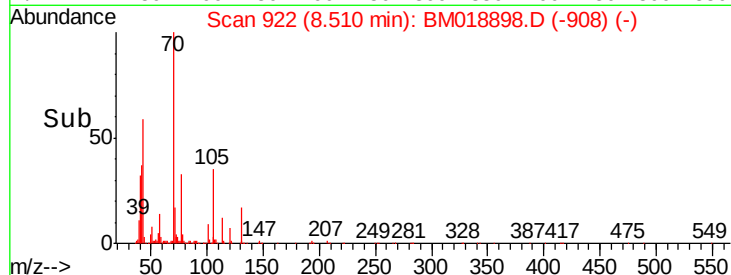
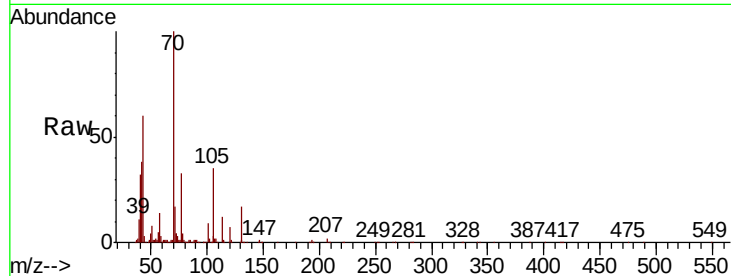
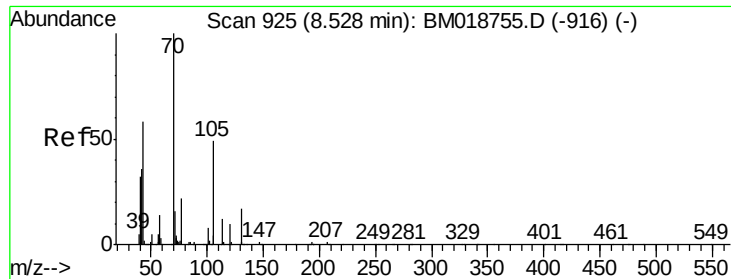
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





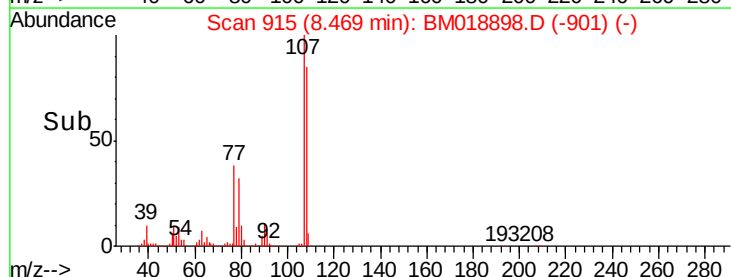
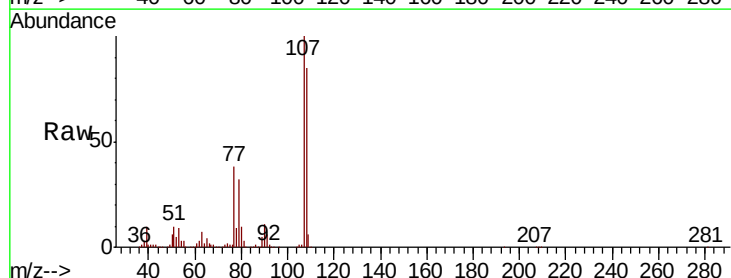
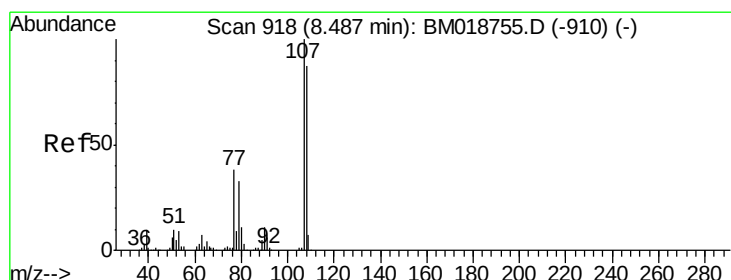
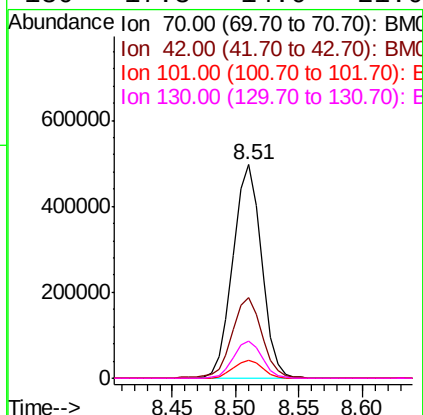
#19
n-Nitroso-di-n-propylamine
Concen: 40.254 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.6	29.4	44.0		
101	8.6	6.7	10.1		
130	17.3	14.0	21.0		

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

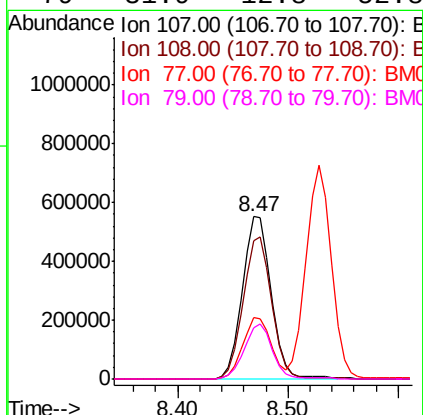
Manual Integrations
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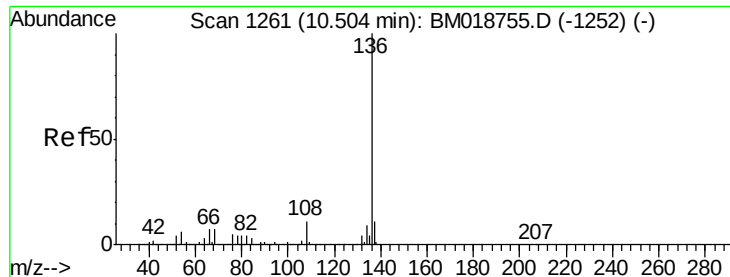
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#20
3+4-Methylphenols
Concen: 43.758 ng
RT: 8.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.5	67.3	107.3		
77	37.8	18.0	58.0		
79	31.9	12.8	52.8		





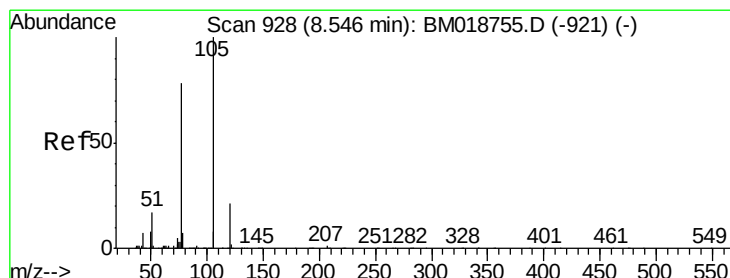
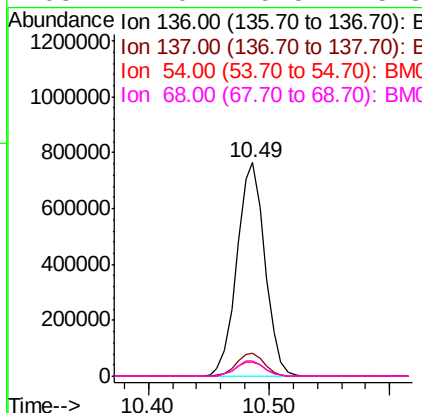
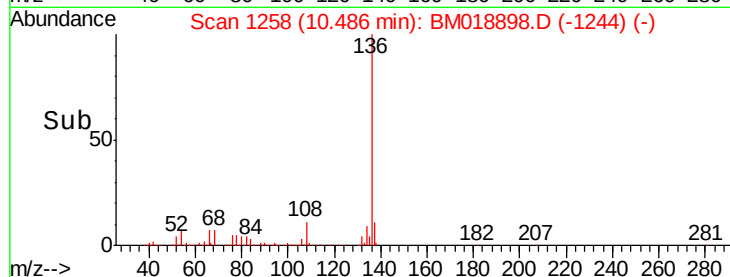
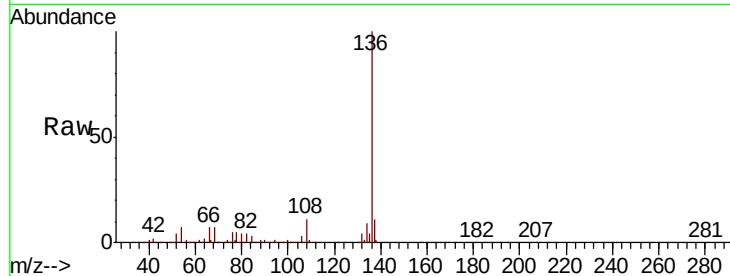
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.9	5.0	7.6
68	7.0	5.5	8.3

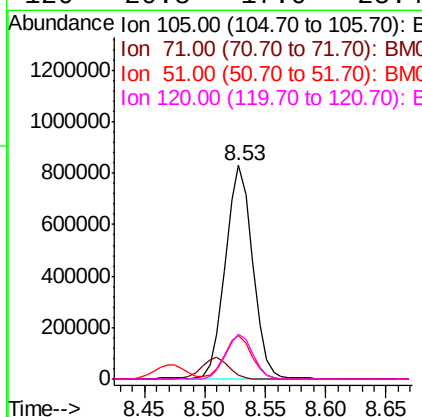
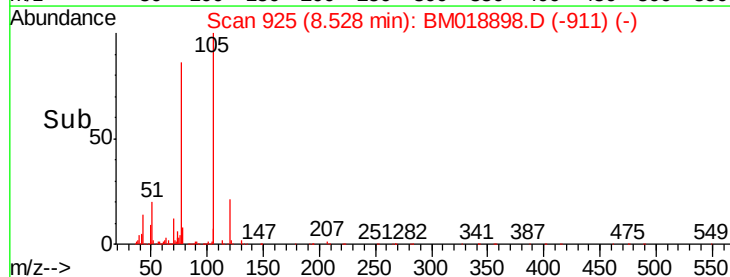
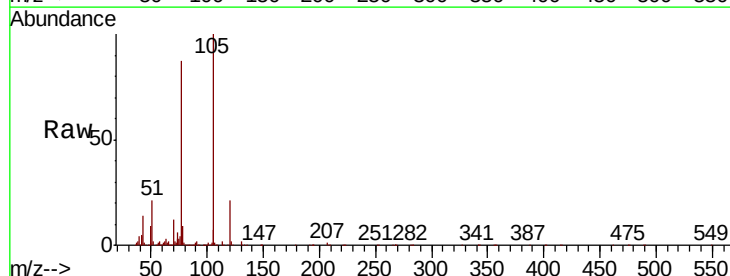
Manual Integrations
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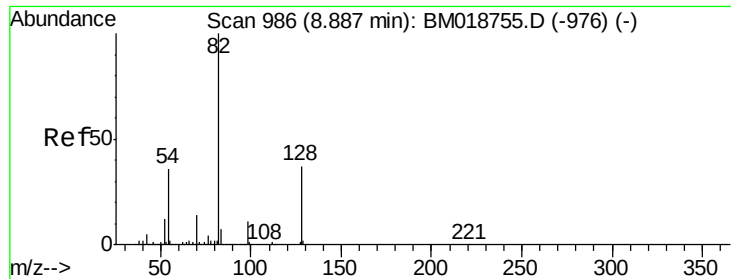
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#22
Acetophenone
Concen: 38.089 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.9	1.1	1.7#
51	20.6	15.5	23.3
120	20.8	17.0	25.4





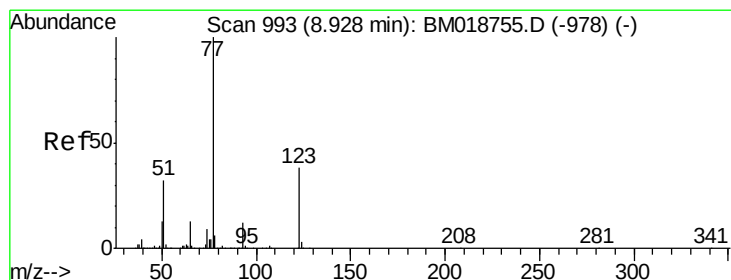
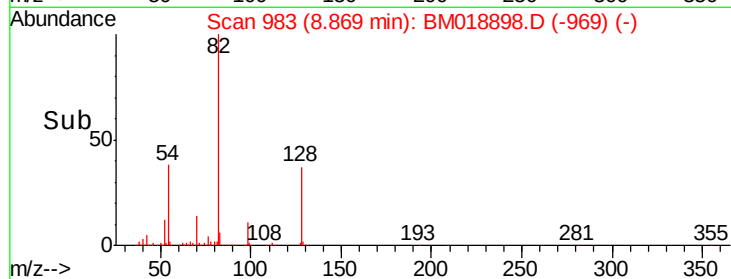
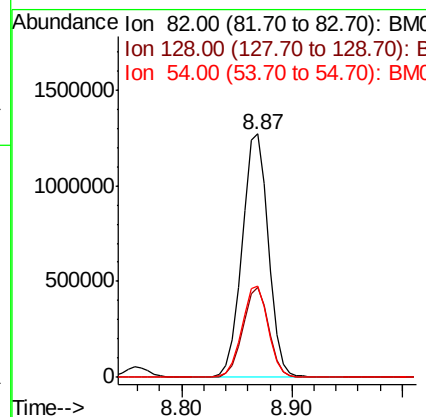
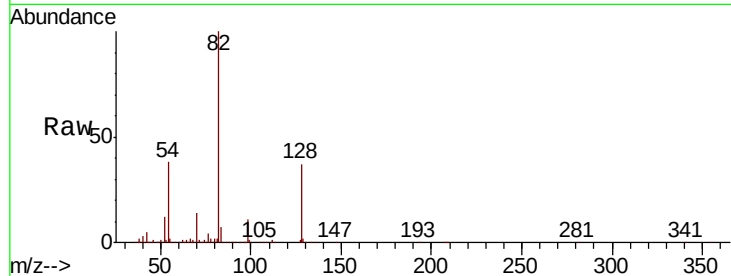
#23
 Nitrobenzene-d5
 Concen: 79.583 ng
 RT: 8.87 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.1	29.9	44.9
54	37.7	29.1	43.7

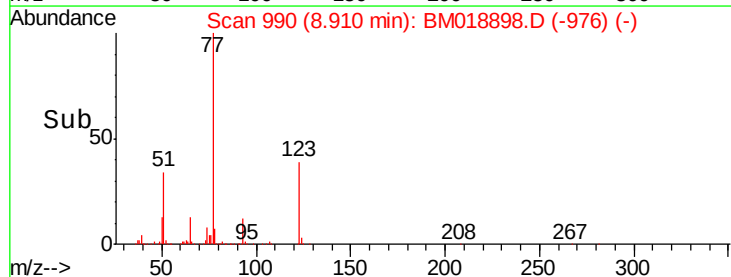
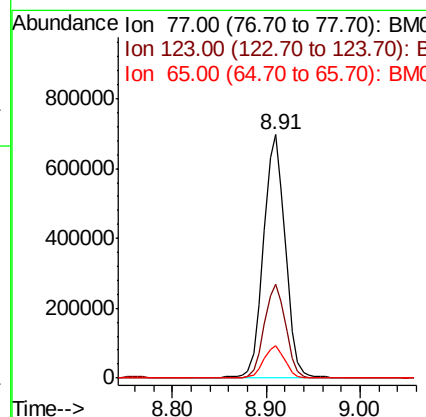
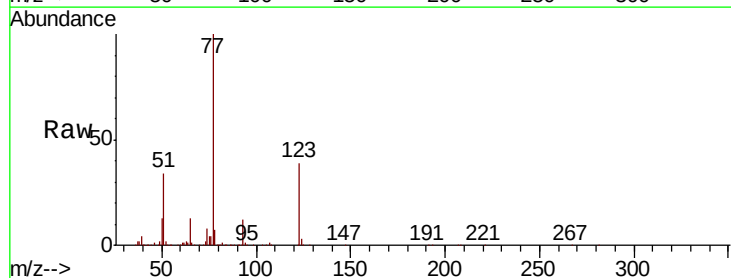
Manual Integrations
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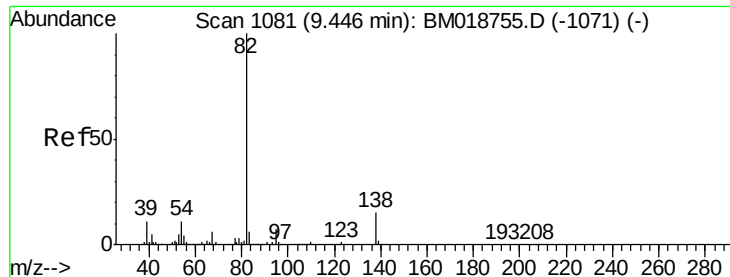
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#24
 Nitrobenzene
 Concen: 40.044 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.7	30.7	46.1
65	13.2	10.5	15.7





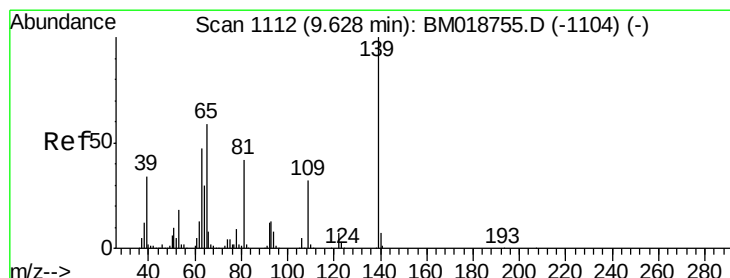
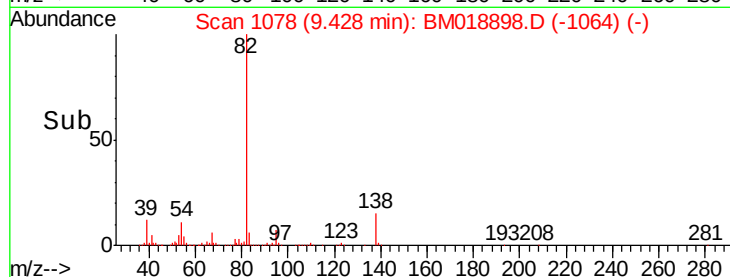
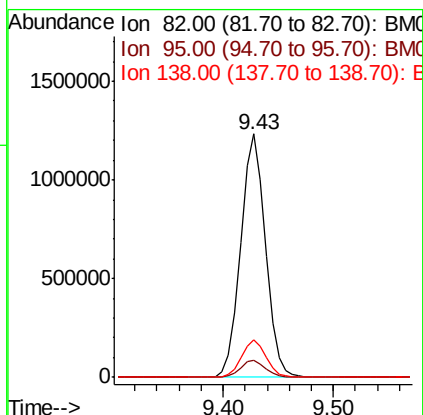
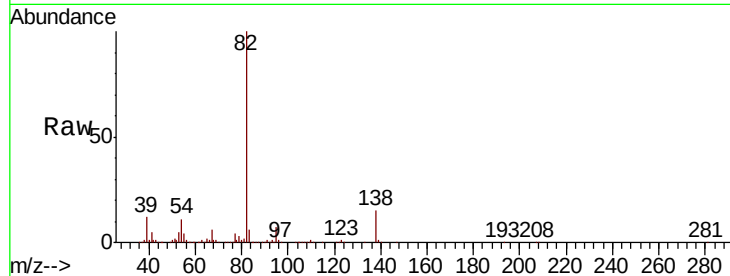
#25
Isophorone
Concen: 45.579 ng
RT: 9.43 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	82	Resp	1947564
Ion Ratio	100	Lower	Upper
82	100		
95	6.9	5.7	8.5
138	15.3	12.3	18.5

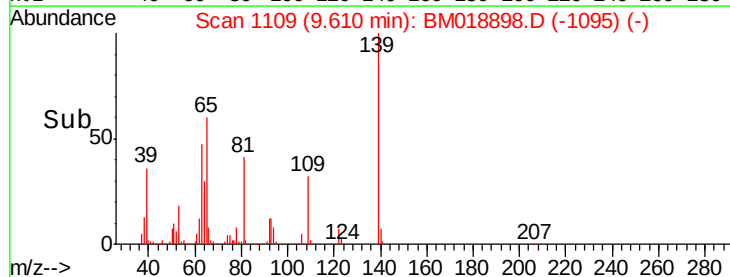
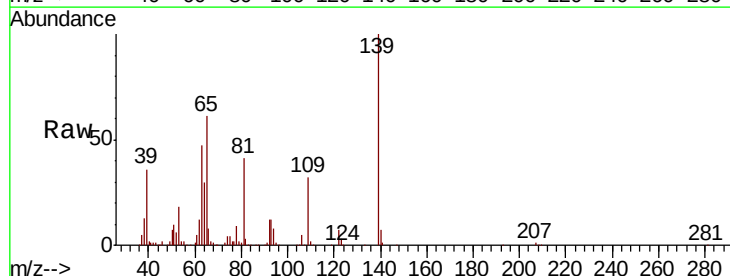
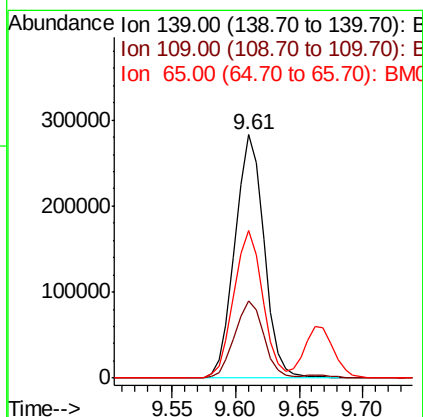
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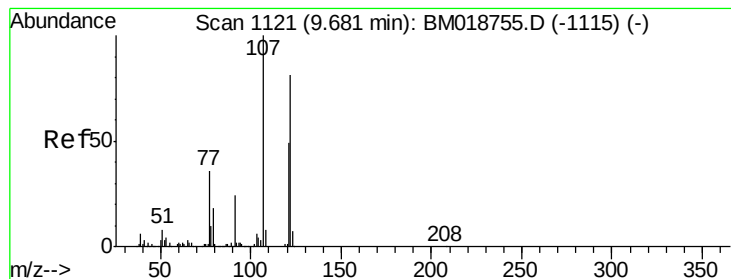
Sohil
2/22/2019 9:32:42 AM



#26
2-Nitrophenol
Concen: 40.839 ng
RT: 9.61 min Scan# 1109
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	139	Resp	452079
Ion Ratio	100	Lower	Upper
139	100		
109	31.9	25.2	37.8
65	60.6	47.0	70.4





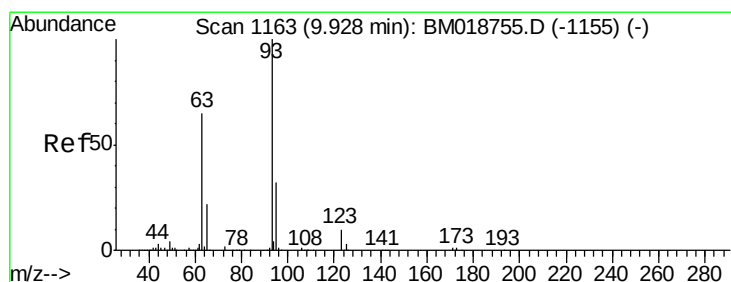
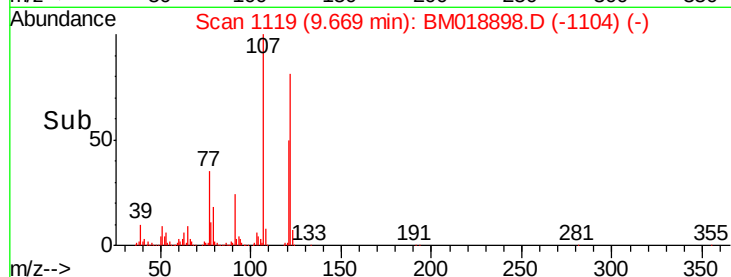
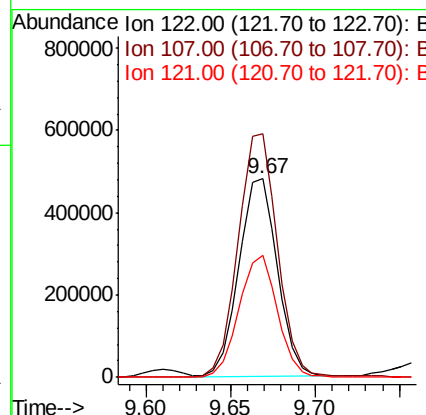
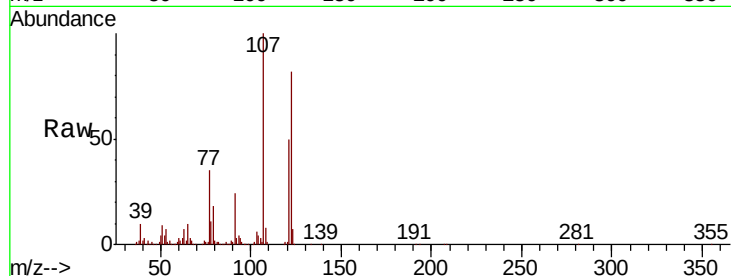
#27
2,4-Dimethylphenol
Concen: 47.234 ng
RT: 9.67 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	763685		
107	122.6		97.6	146.4
121	61.3		47.9	71.9

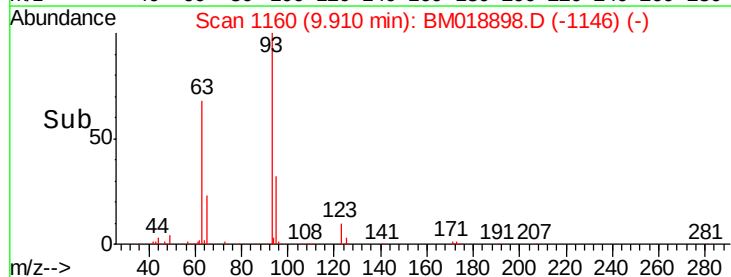
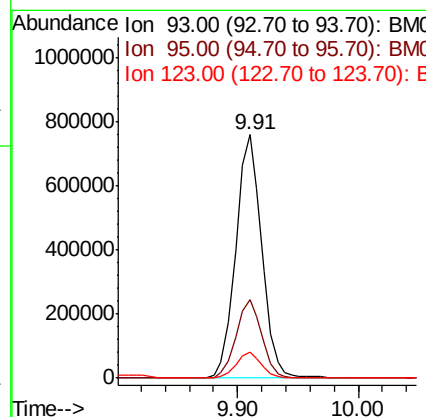
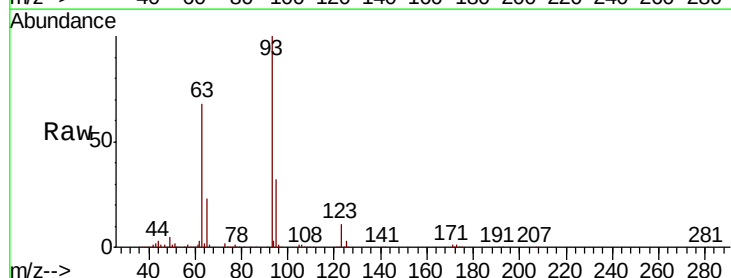
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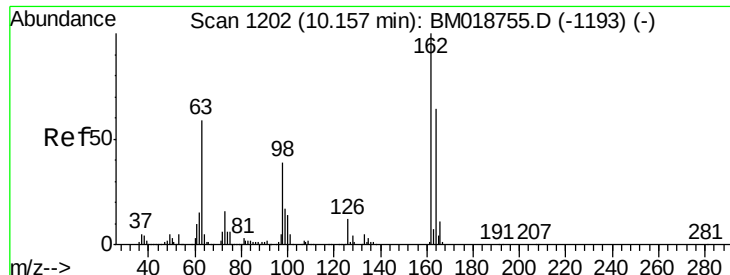
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 41.148 ng
RT: 9.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1136979		
95	32.3		25.6	38.4
123	10.6		8.2	12.4





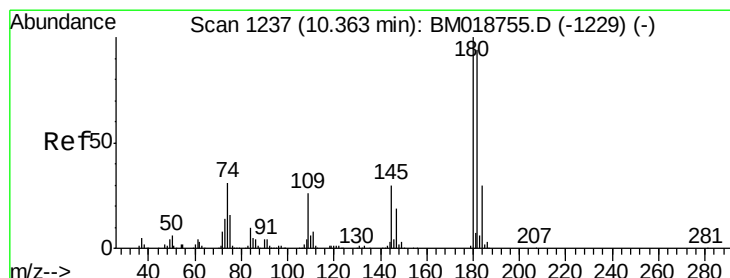
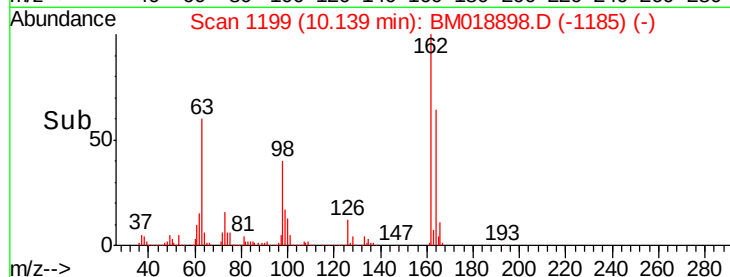
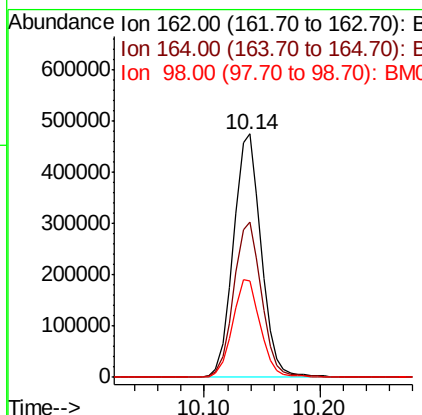
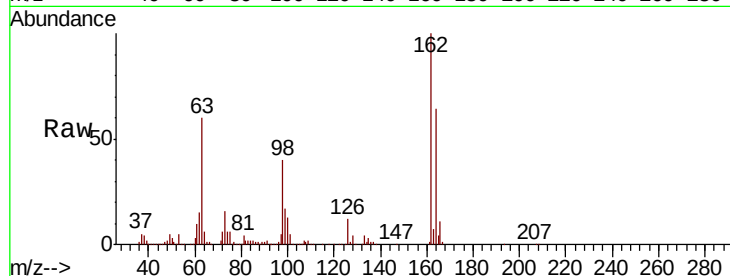
#29
2,4-Dichlorophenol
Concen: 42.599 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		790852		
164	64.0	44.1	84.1		
98	39.8	19.4	59.4		

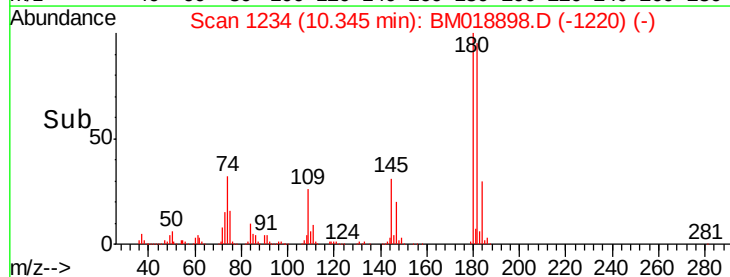
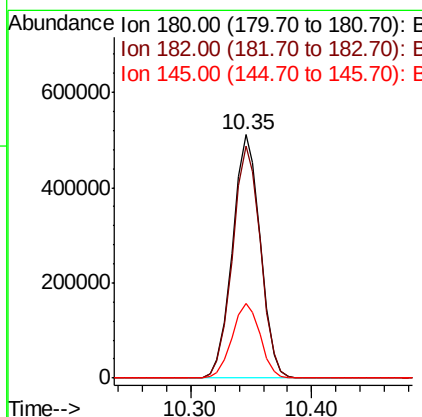
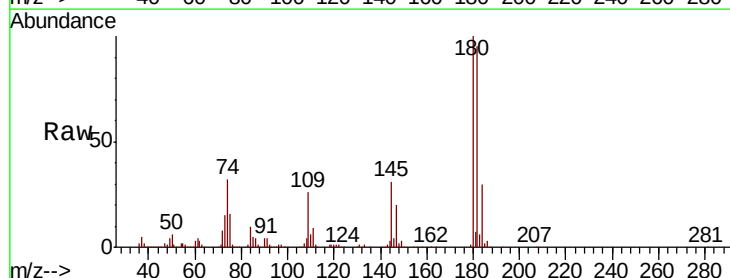
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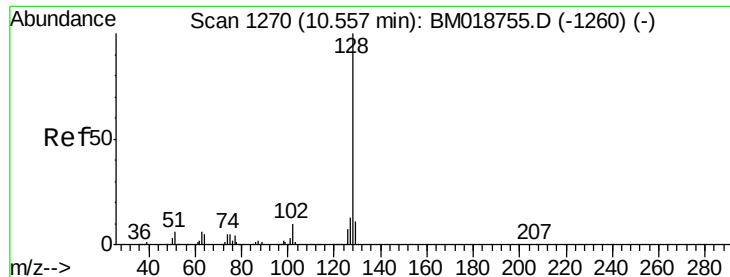
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#30
1,2,4-Trichlorobenzene
Concen: 38.308 ng
RT: 10.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		821306		
182	95.1	75.0	112.6		
145	30.6	24.1	36.1		





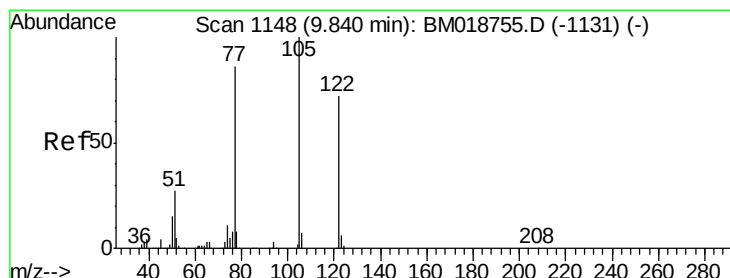
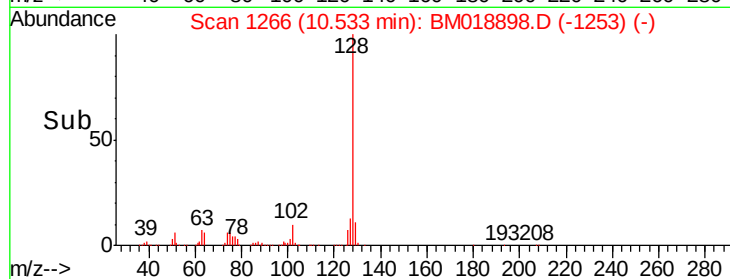
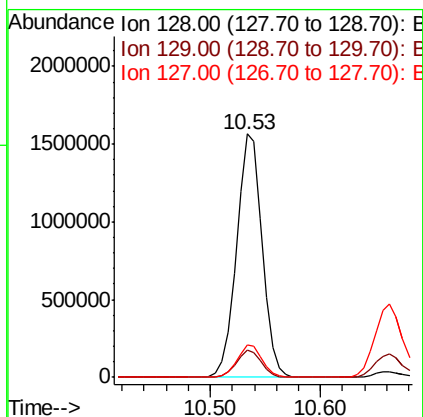
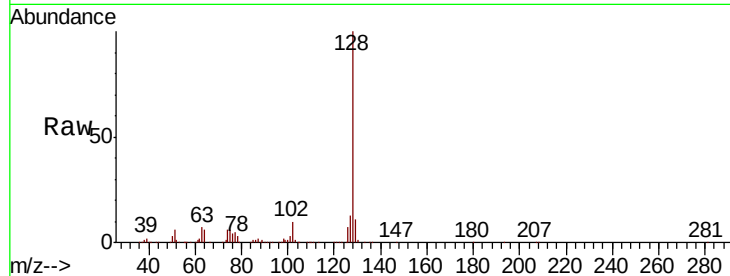
#31
Naphthalene
Concen: 42.002 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

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

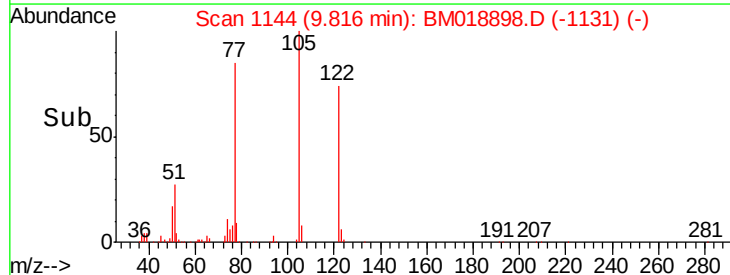
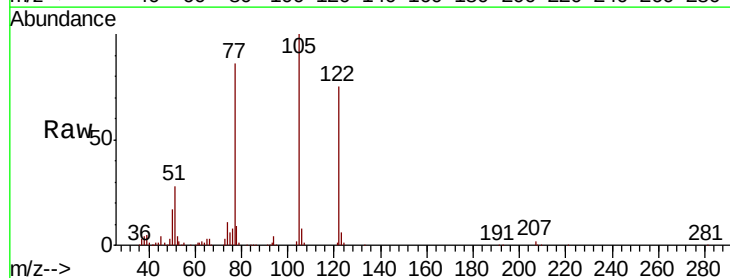
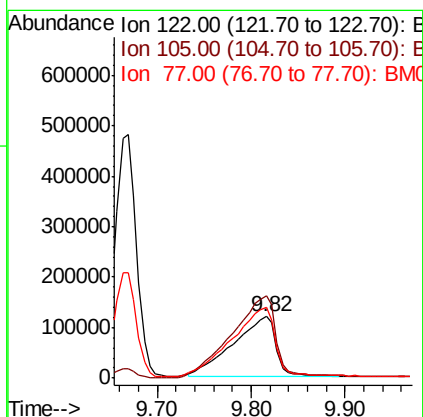
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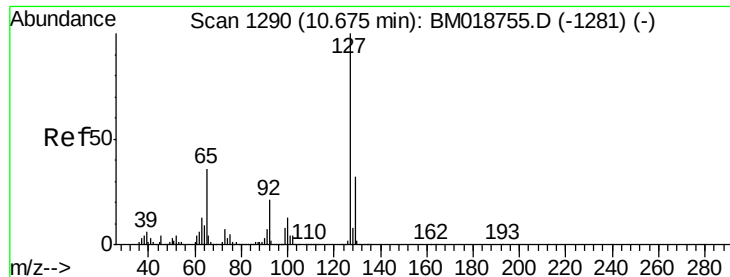
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#32
Benzoic acid
Concen: 26.391 ng
RT: 9.82 min Scan# 1144
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.1	117.5	157.5
77	114.3	98.5	138.5





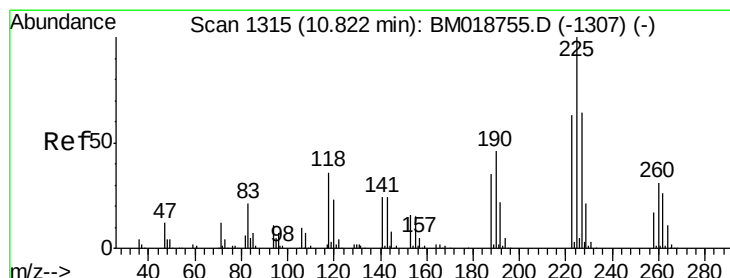
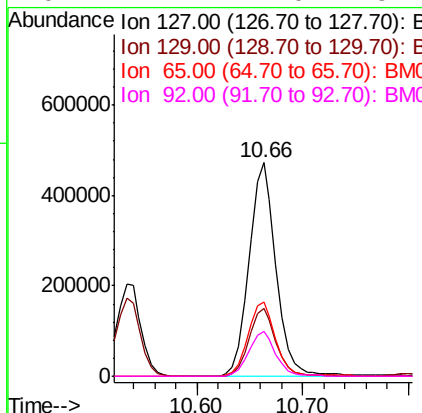
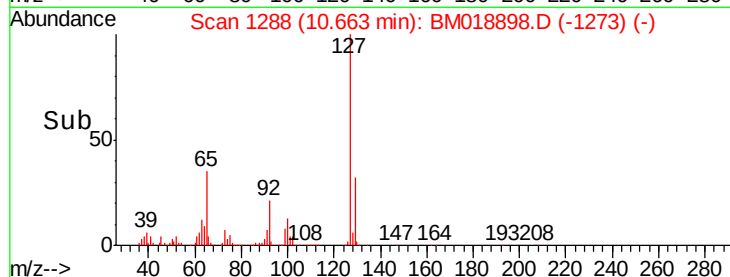
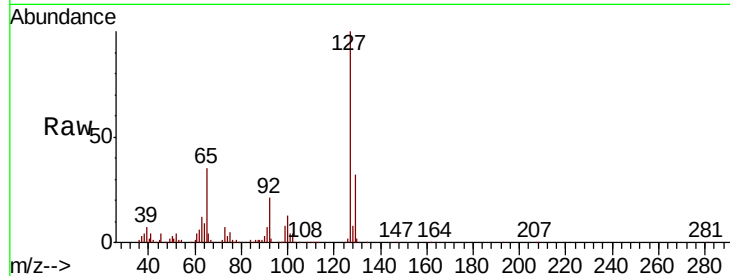
#33
4-Chloroaniline
Concen: 31.053 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	25.7	38.5		
65	35.0	28.7	43.1		
92	21.2	17.0	25.4		

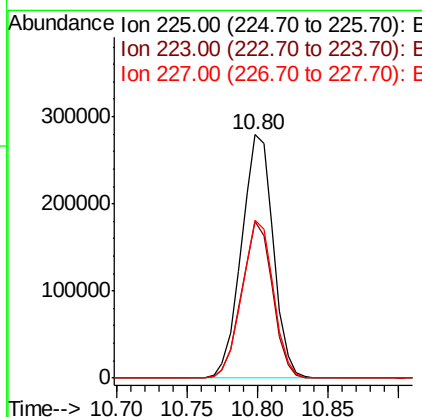
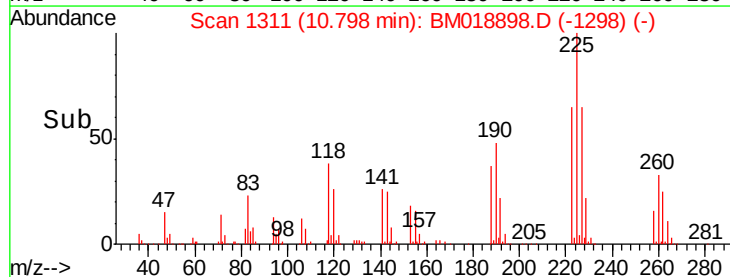
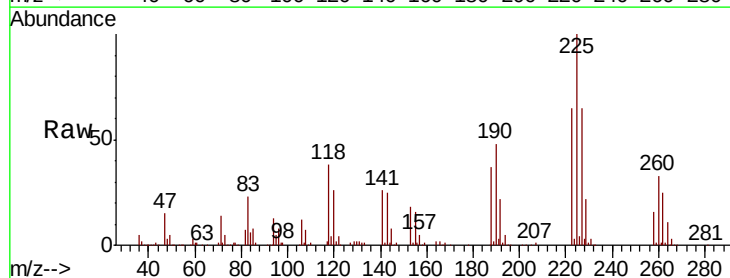
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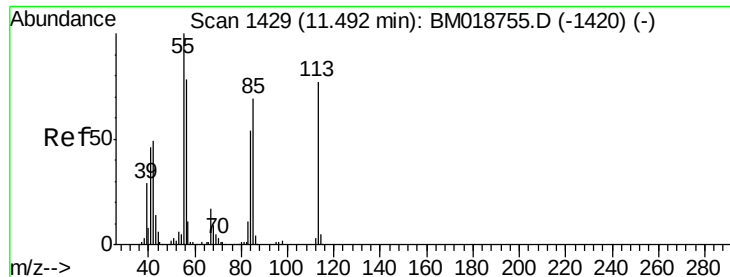
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#34
Hexachlorobutadiene
Concen: 35.347 ng
RT: 10.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	50.1	75.1		
227	64.8	51.4	77.0		





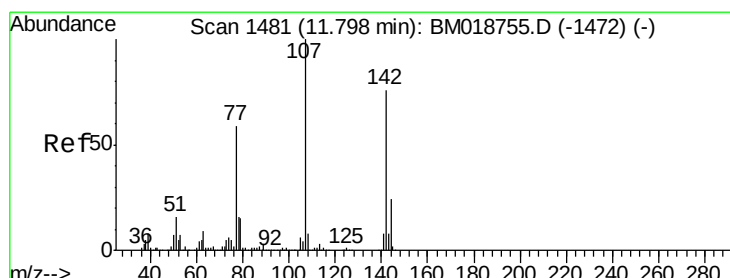
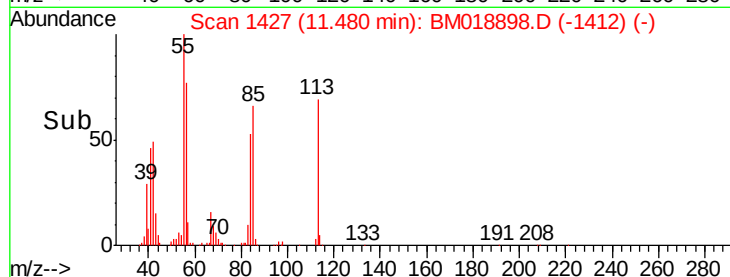
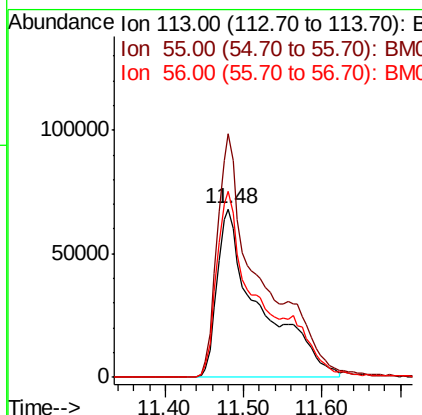
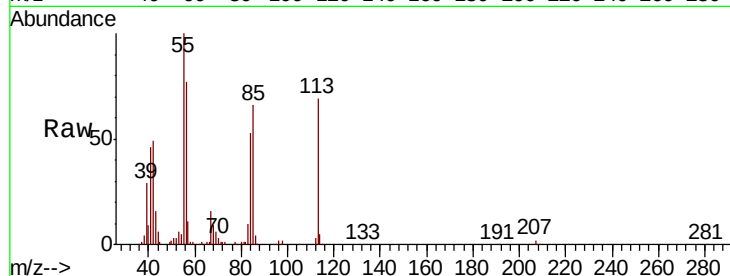
#35
 Caprolactam
 Concen: 34.315 ng/ml
 RT: 11.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	144.4	110.7	150.7
56	110.5	82.4	122.4

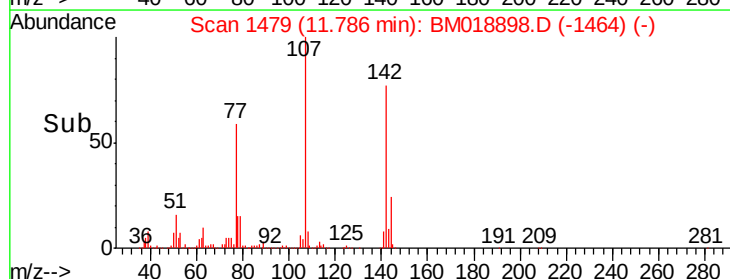
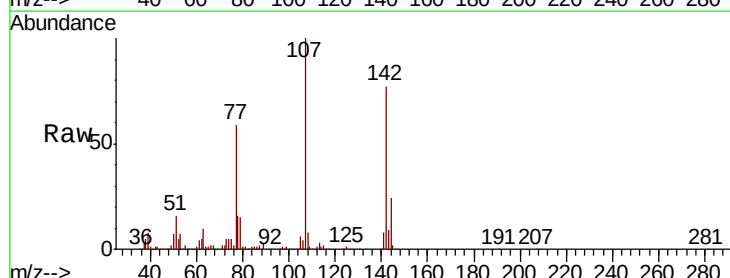
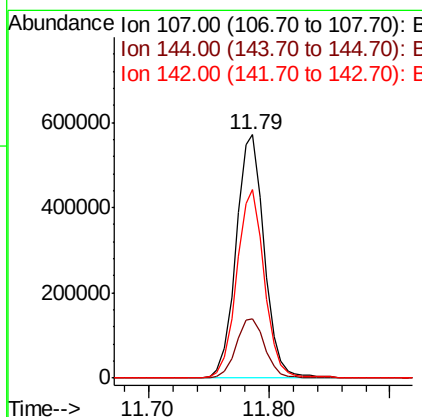
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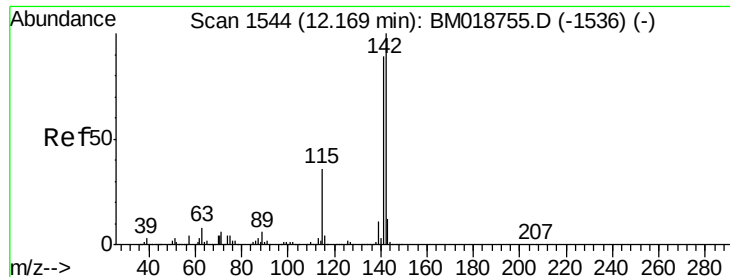
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#36
 4-Chloro-3-methylphenol
 Concen: 41.666 ng/ml
 RT: 11.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	77.5	60.5	90.7





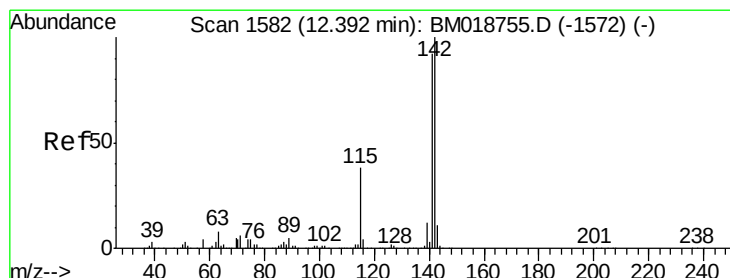
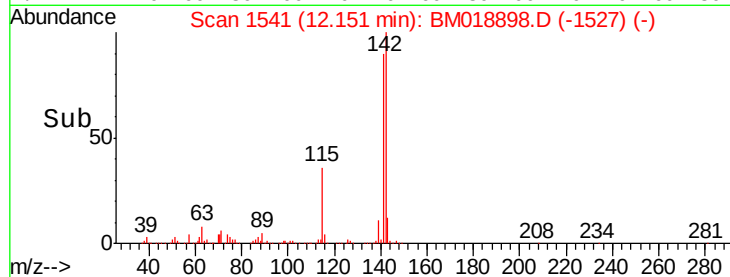
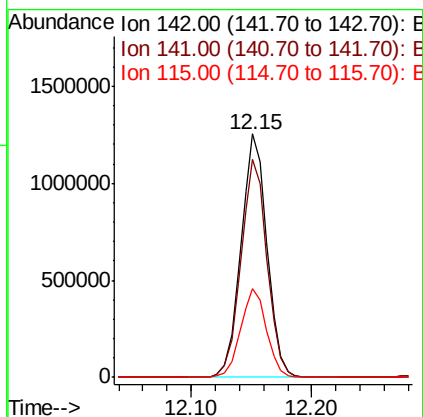
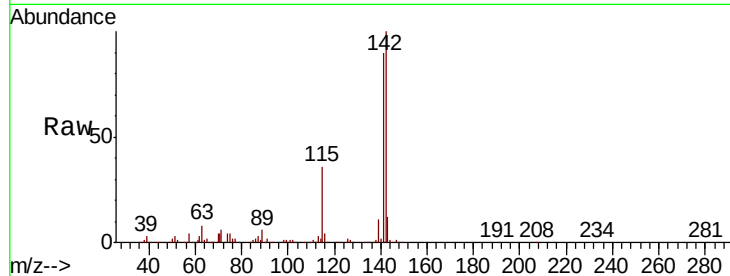
#37
2-Methylnaphthalene
Concen: 44.356 ng
RT: 12.15 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.2	106.8
115	36.4	29.1	43.7

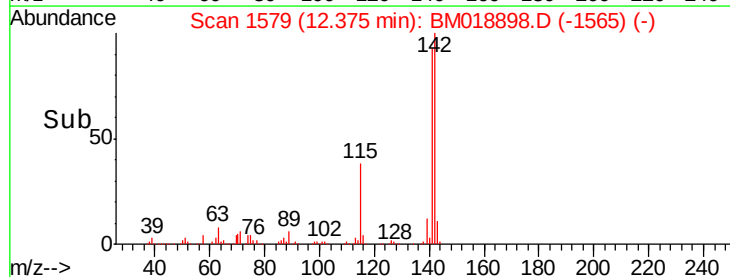
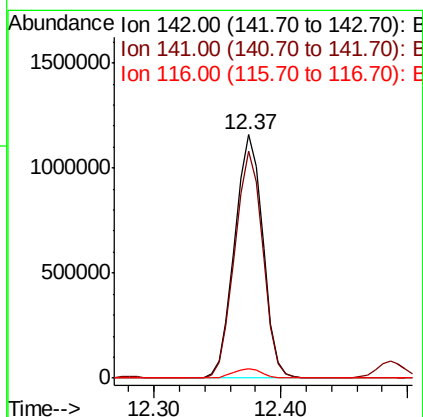
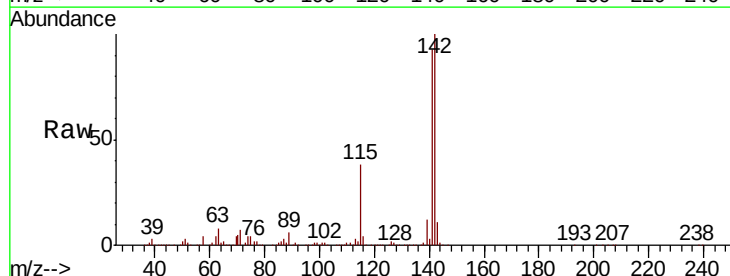
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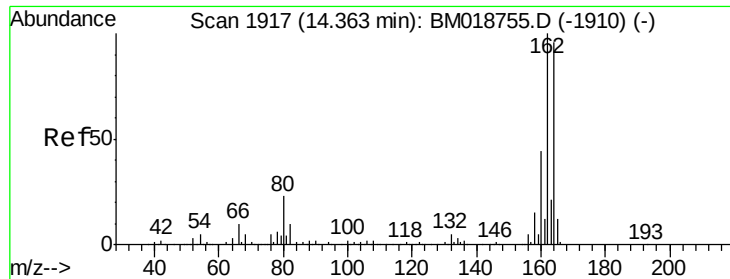
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#38
1-Methylnaphthalene
Concen: 42.858 ng
RT: 12.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.9	110.9
116	3.9	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

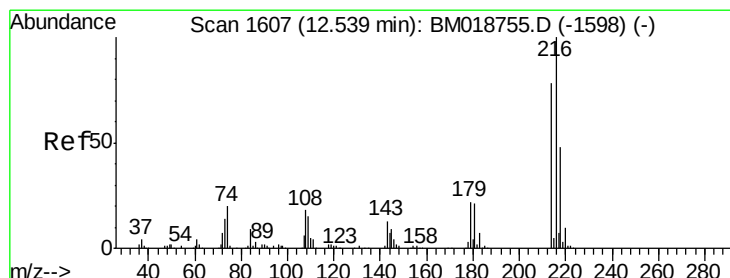
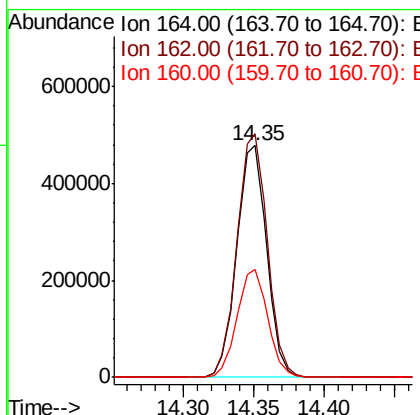
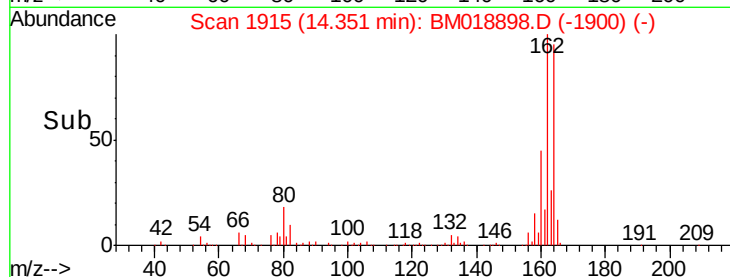
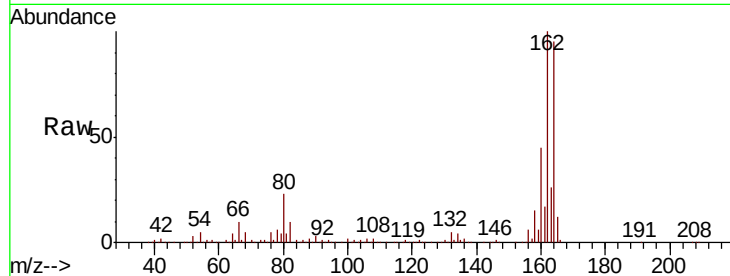
ClientSampleId :

M-11-A-DMSD

Tot Ion:	164	Resp:	706015
Ion Ratio	Lower	Upper	
164	100		
162	105.1	83.4	125.0
160	46.8	36.6	55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.705 ng

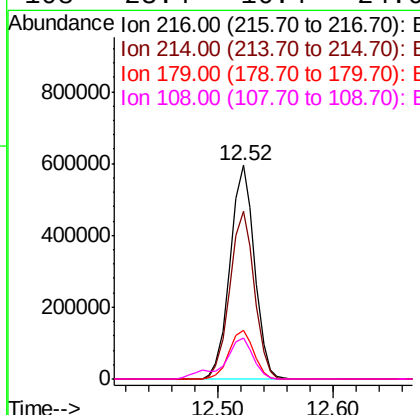
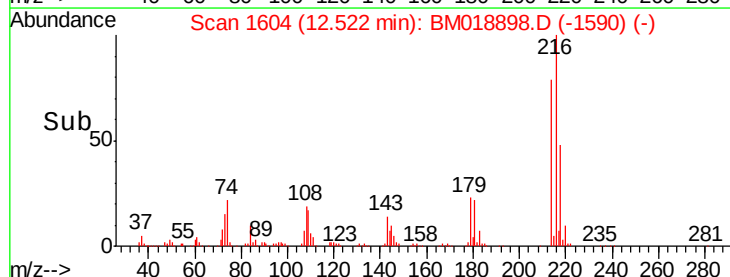
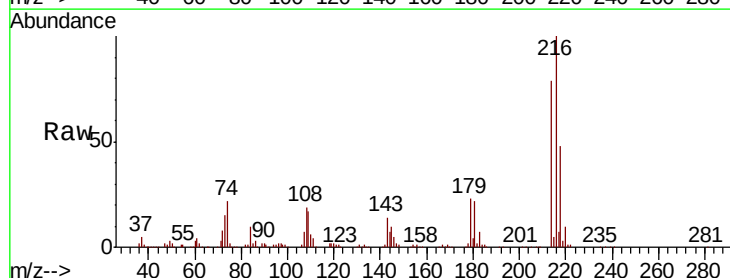
RT: 12.52 min Scan# 1604

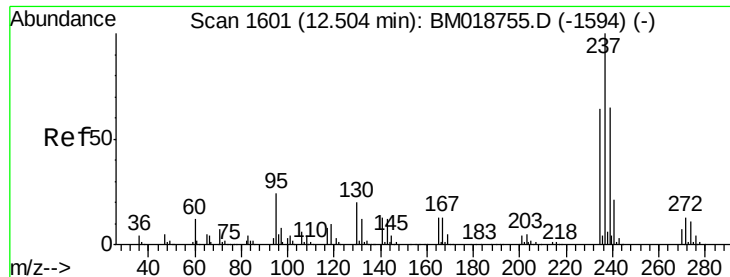
Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:	216	Resp:	874147
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.2	94.8
179	22.9	17.8	26.8
108	23.4	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 82.109 ng

RT: 12.49 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

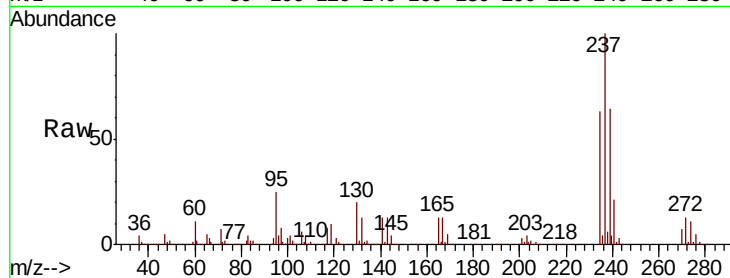
ClientSampleId :

M-11-A-DMSD

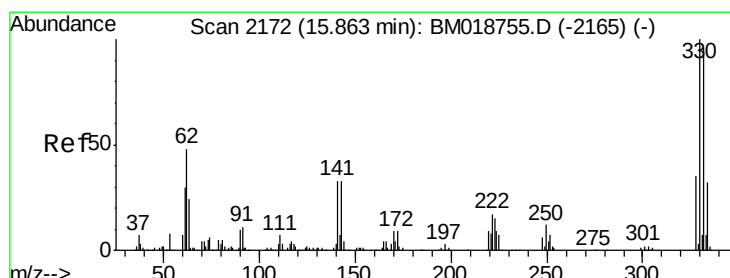
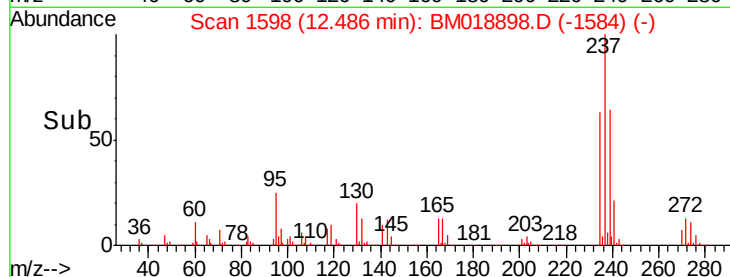
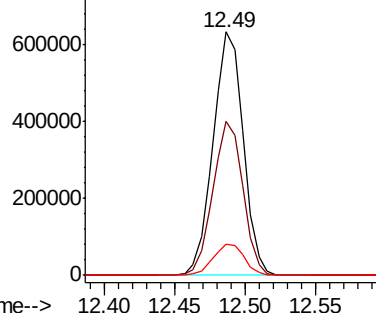
Tot Ion:	237	Resp:	948110
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.7	83.7
272	12.9	0.0	33.3

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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: 123.508 ng

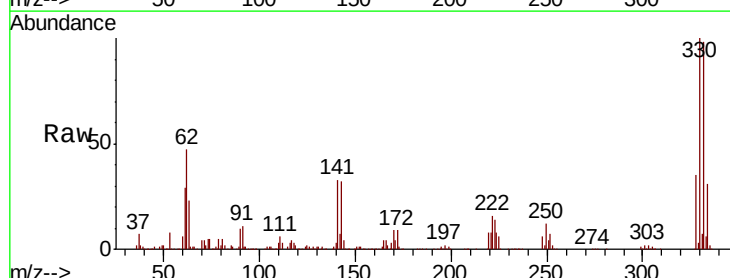
RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

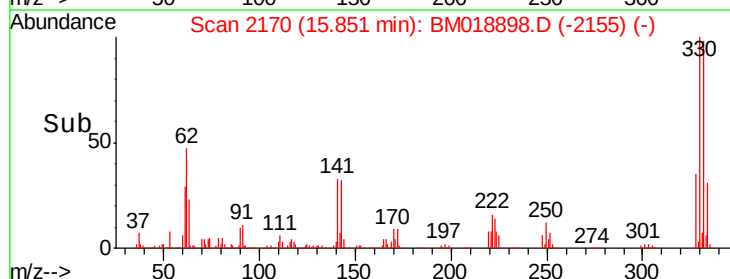
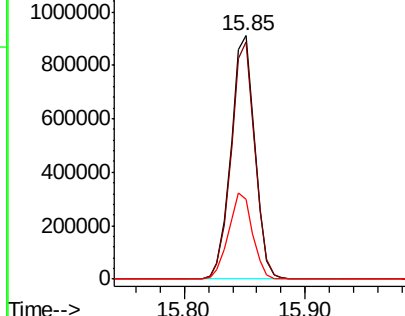
Lab File: BM018898.D

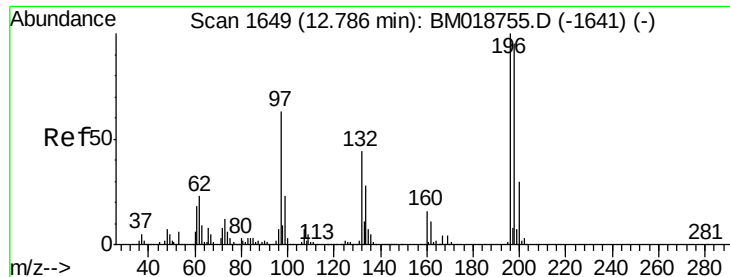
Acq: 21 Feb 2019 16:32

Tgt Ion:	330	Resp:	1256945
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.9	115.3
141	35.7	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





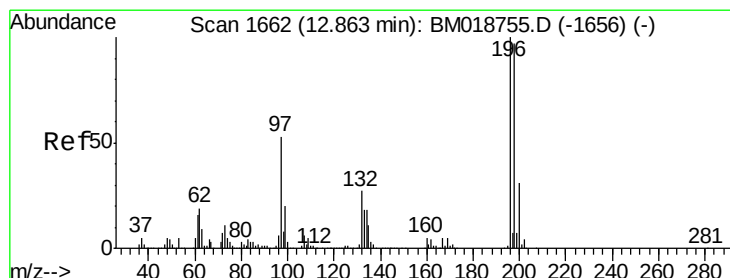
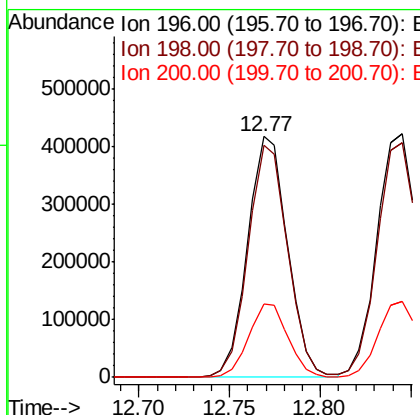
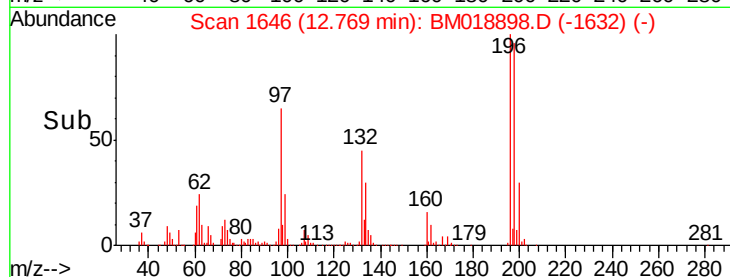
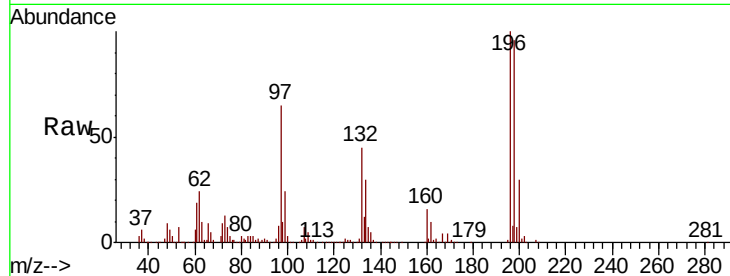
#43
2,4,6-Trichlorophenol
Concen: 42.744 ng
RT: 12.77 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampled :
M-11-A-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	639068		
198	96.4	76.2	114.2	
200	30.3	24.2	36.2	

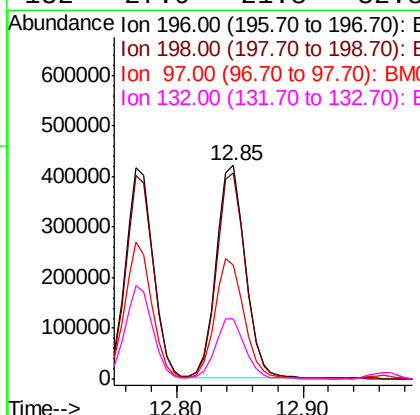
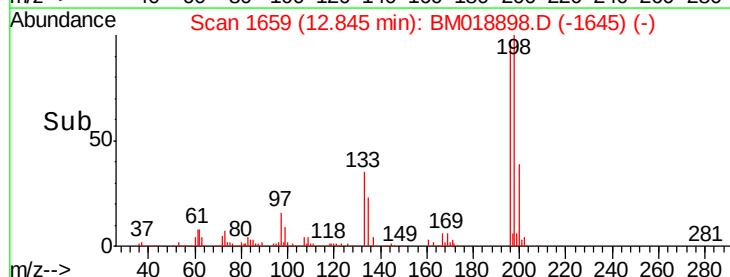
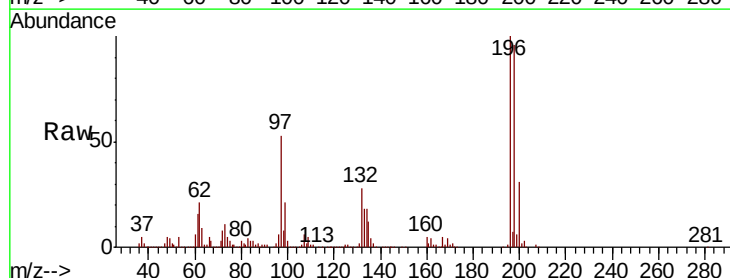
Manual Integrations
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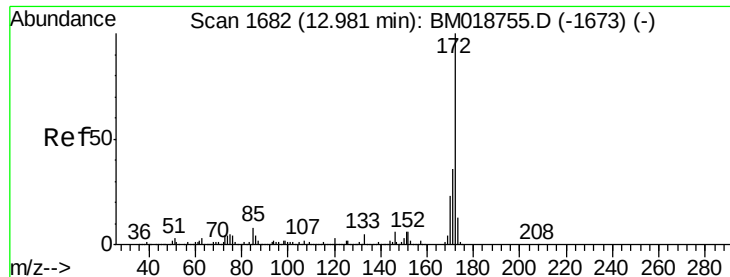
Sohil
2/22/2019 9:32:42 AM



#44
2,4,5-Trichlorophenol
Concen: 42.921 ng
RT: 12.85 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	672600		
198	96.3	77.6	116.4	
97	53.4	42.8	64.2	
132	27.9	21.8	32.8	





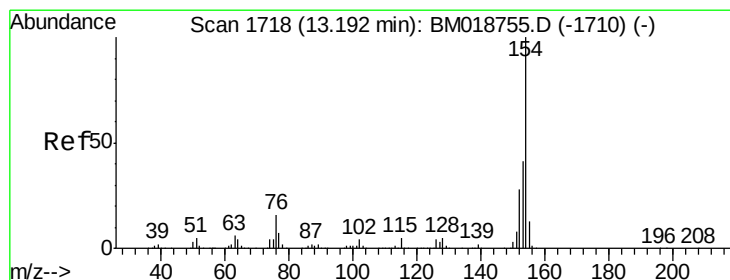
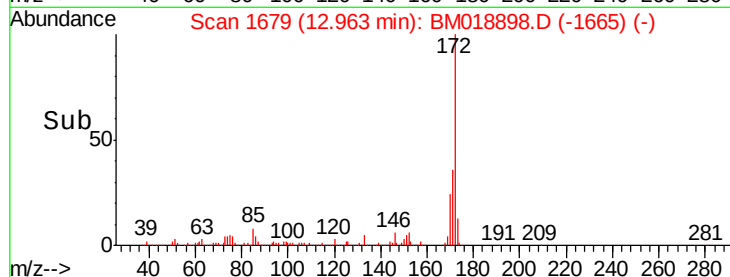
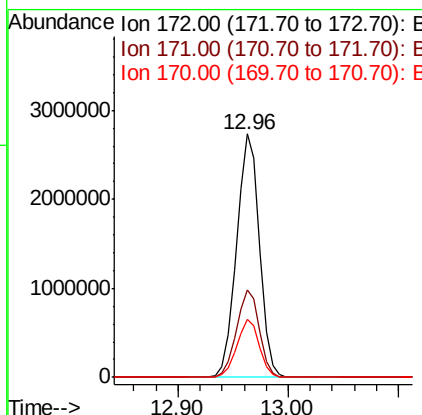
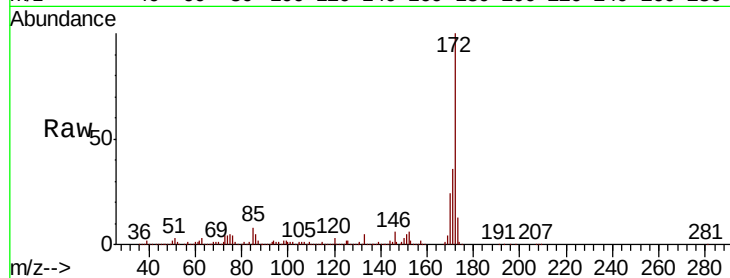
#45
2-Fluorobiphenyl
Concen: 74.569 ng
RT: 12.96 min Scan# 1679
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.7	18.6	28.0

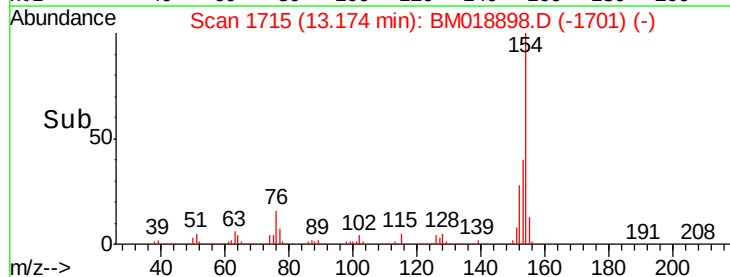
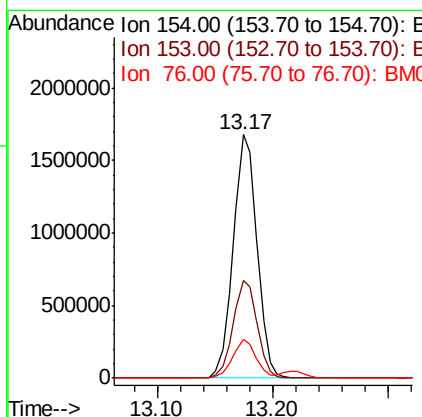
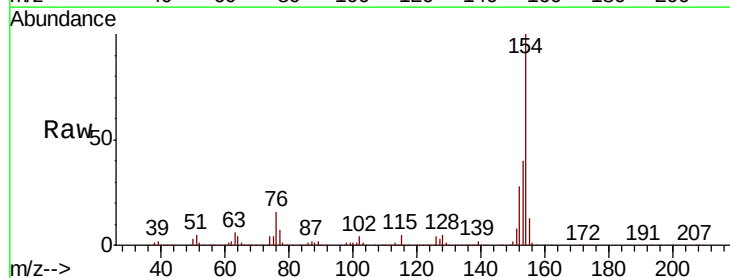
Manual Integrations
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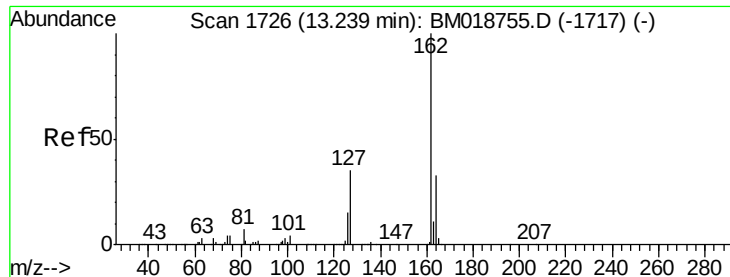
Sohil
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#46
1,1'-Biphenyl
Concen: 39.206 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.1	61.1
76	15.8	0.0	35.7





#47

2-Chloronaphthalene

Concen: 39.788 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

ClientSampleId :

M-11-A-DMSD

Tot Ion:162 Resp: 1867611

Ion Ratio Lower Upper

162 100

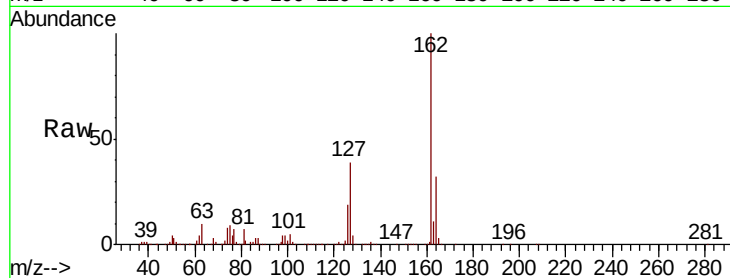
127 38.8 31.1 46.7

164 32.4 26.4 39.6

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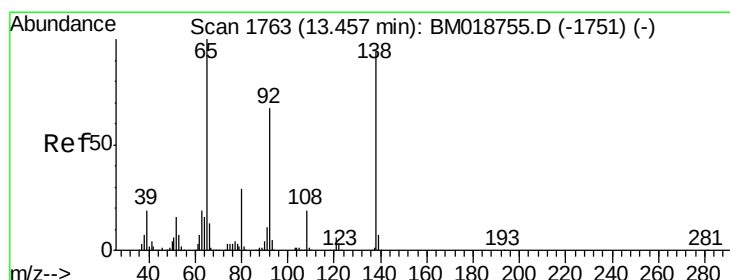
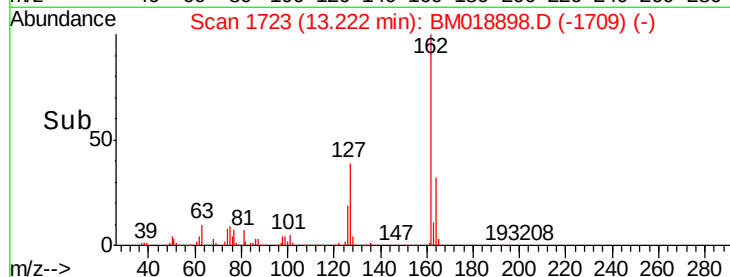
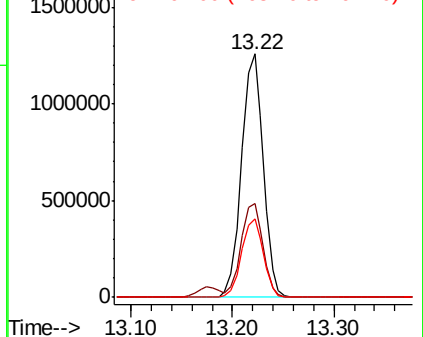


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.931 ng

RT: 13.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

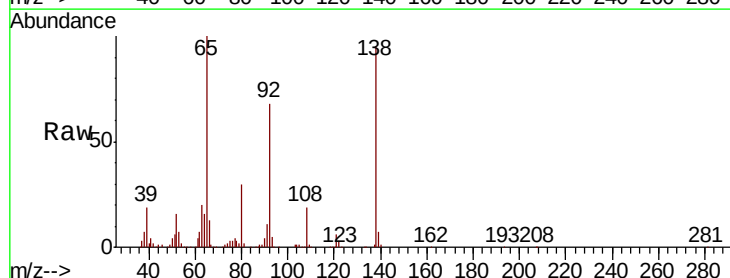
Tgt Ion: 65 Resp: 669271

Ion Ratio Lower Upper

65 100

92 68.2 54.0 81.0

138 95.3 74.9 112.3

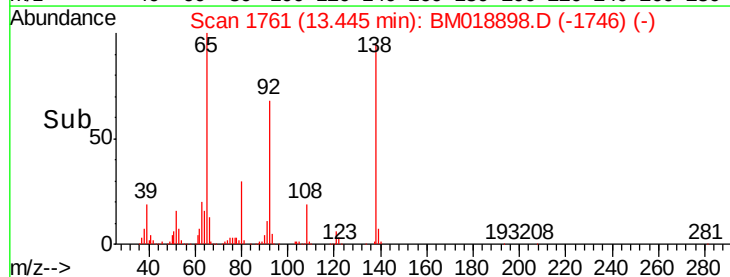
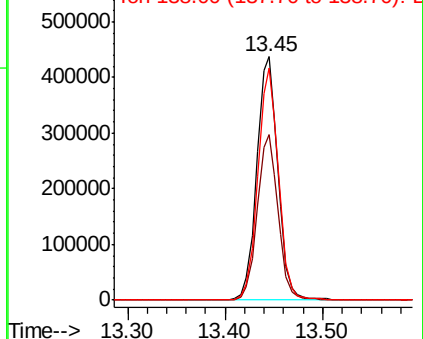


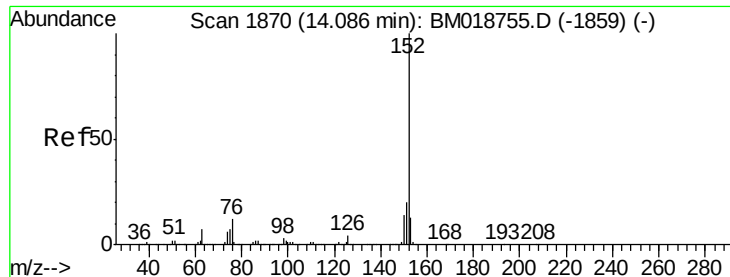
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.832 ng

RT: 14.07 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

ClientSampleId :

M-11-A-DMSD

Tot Ion:152 Resp: 3063566

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

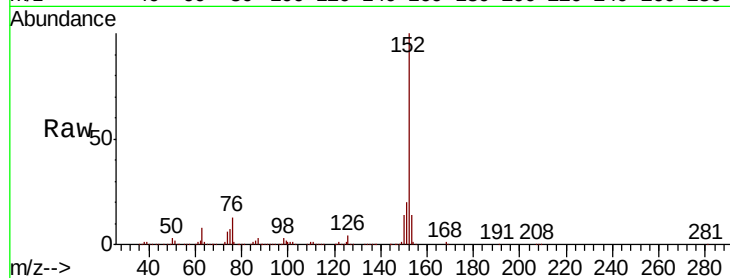
153 13.5 10.5 15.7

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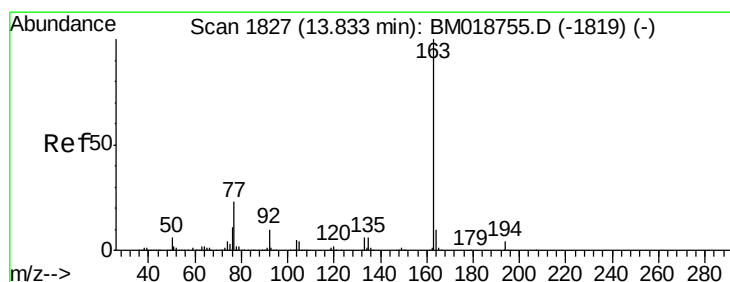
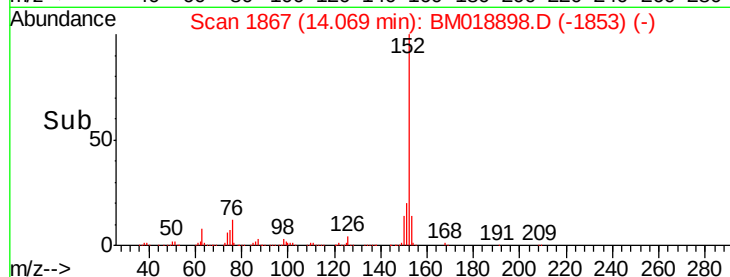
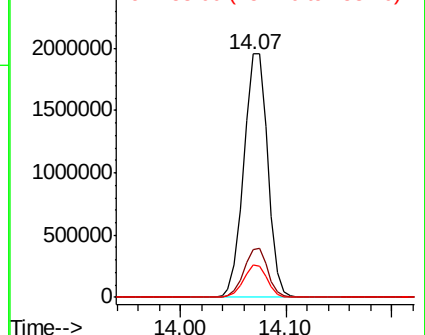


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.742 ng

RT: 13.82 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

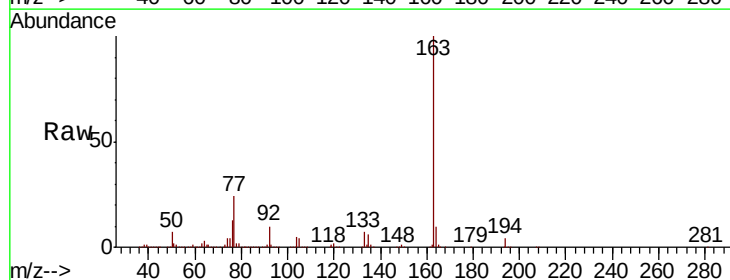
Tgt Ion:163 Resp: 2632593

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.2 7.8 11.8

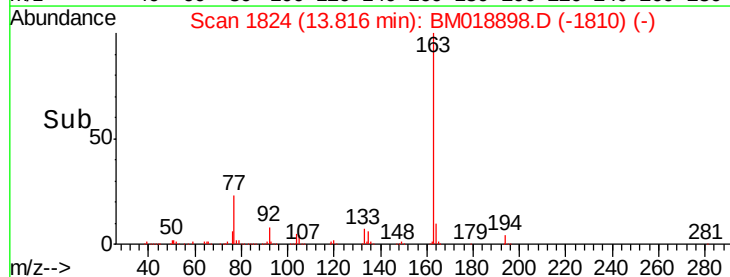
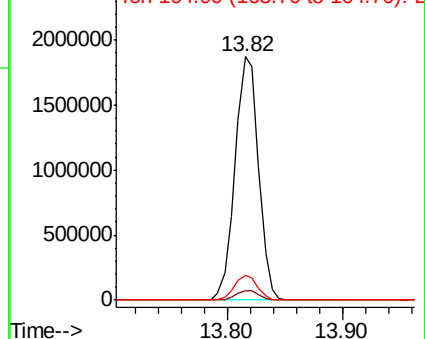


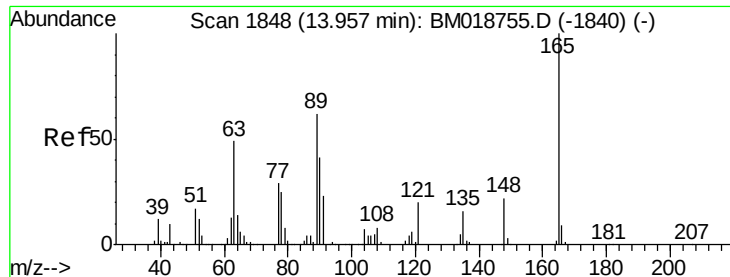
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.696 ng

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

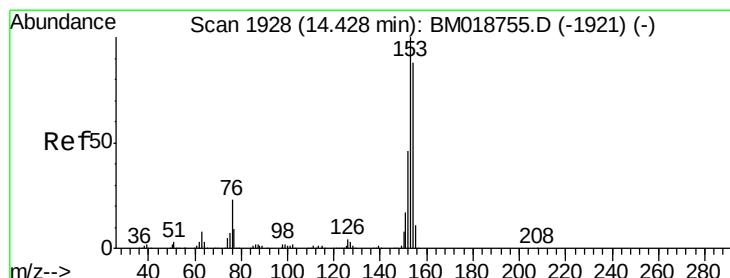
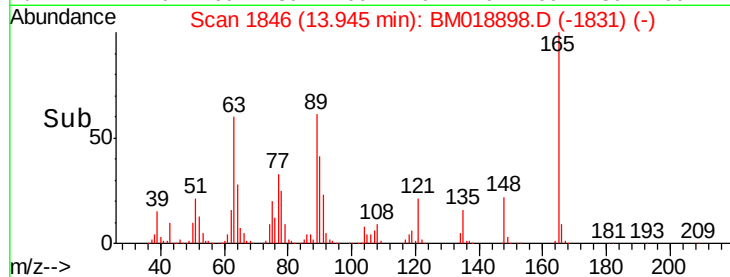
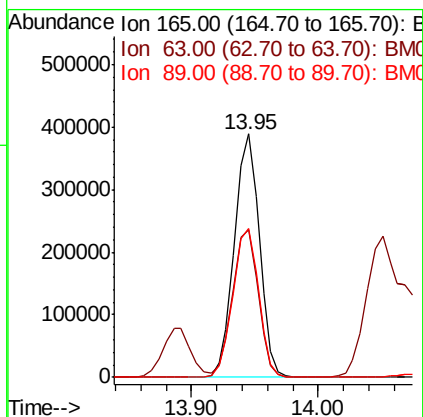
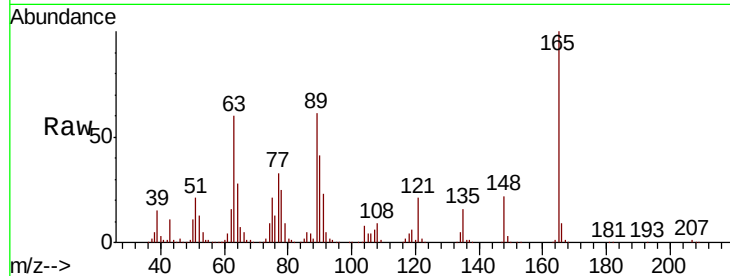
ClientSampled :

M-11-A-DMSD

Tot Ion:	165	Resp:	531448
Ion Ratio	Lower	Upper	
165	100		
63	60.4	48.9	73.3
89	61.2	49.4	74.0

Manual Integrations
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#52

Acenaphthene

Concen: 40.802 ng

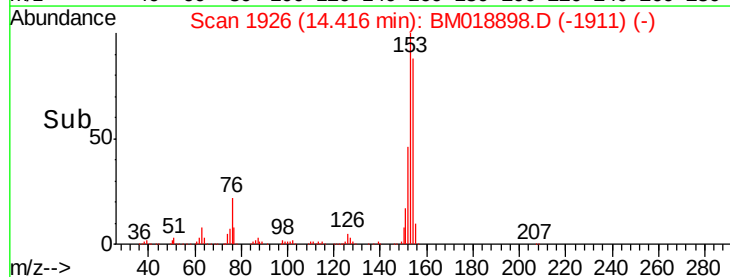
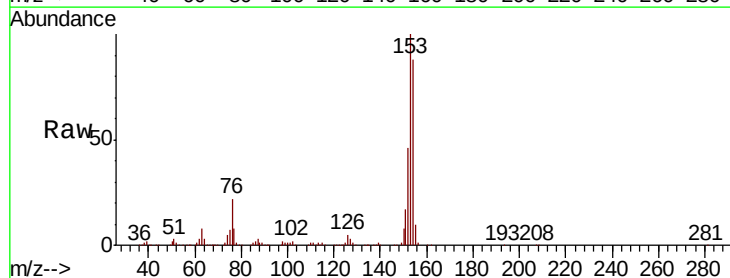
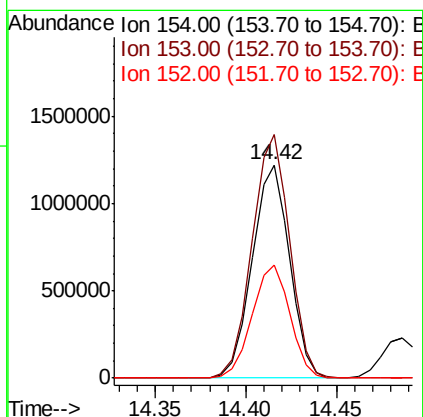
RT: 14.42 min Scan# 1926

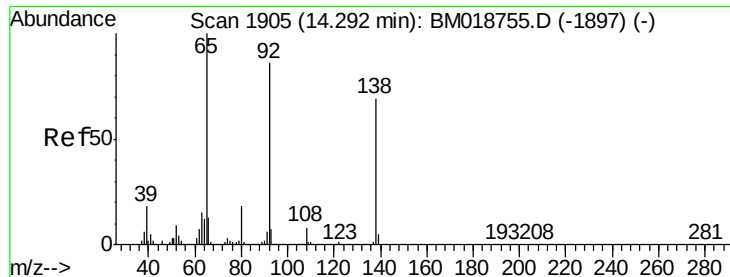
Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:	154	Resp:	1748667
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.3	136.9
152	52.9	42.2	63.4





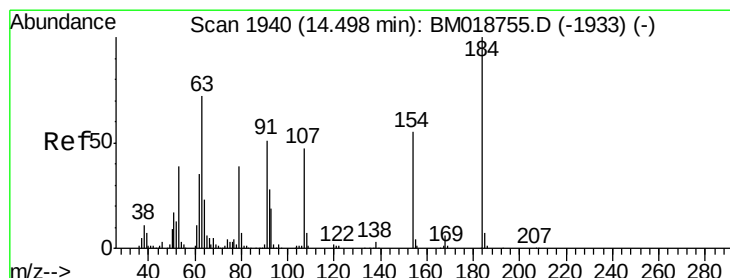
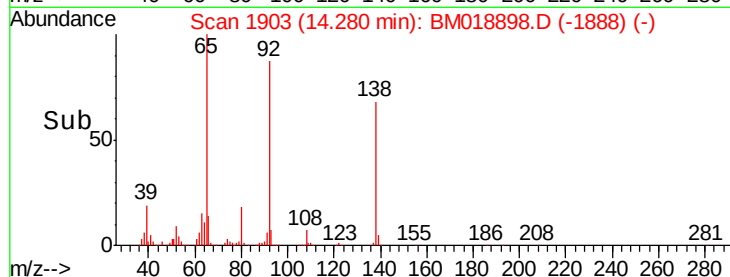
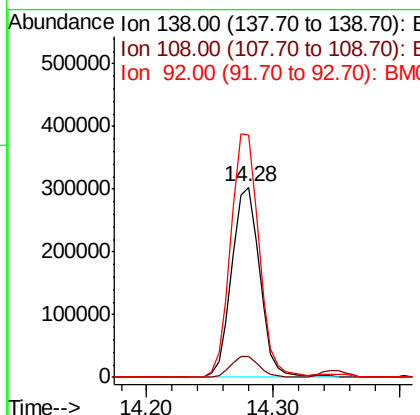
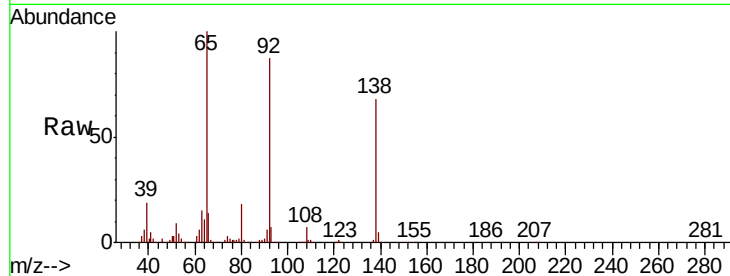
#53
3-Nitroaniline
Concen: 32.257 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampled :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	127.1	99.7	149.5

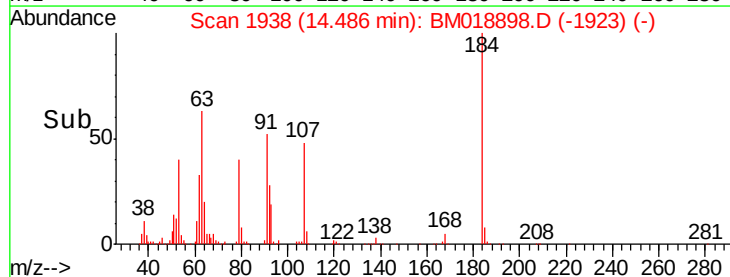
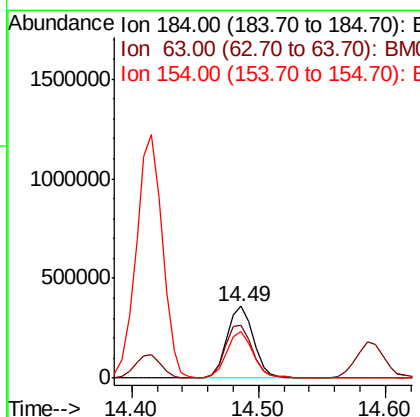
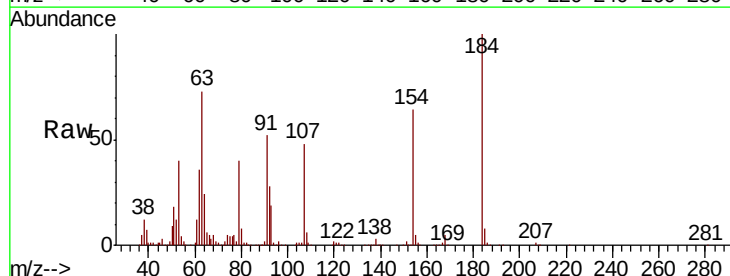
Manual Integrations
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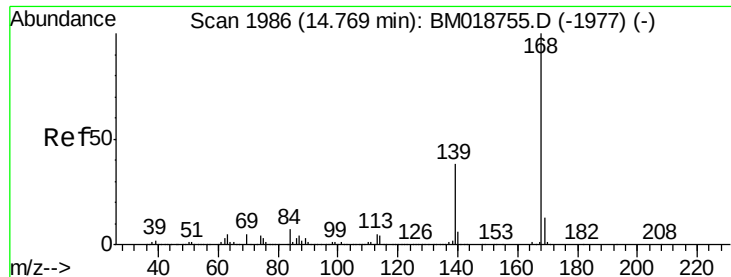
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#54
2,4-Dinitrophenol
Concen: 66.111 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	73.3	58.0	87.0
154	64.2	50.3	75.5





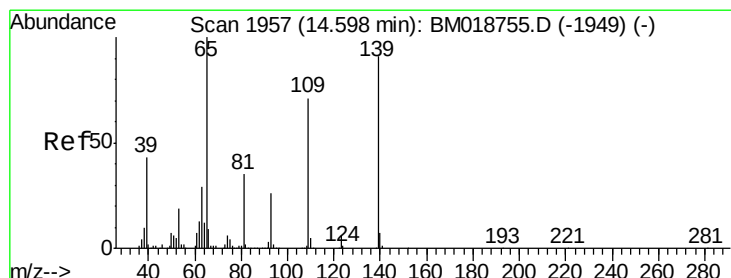
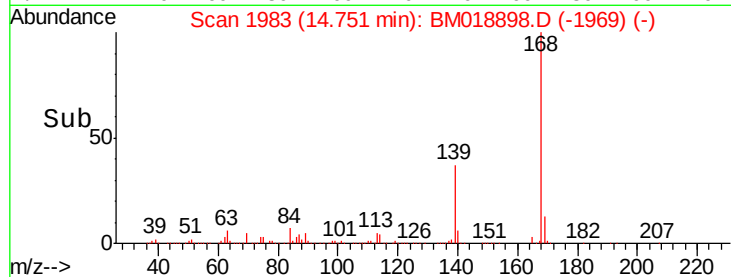
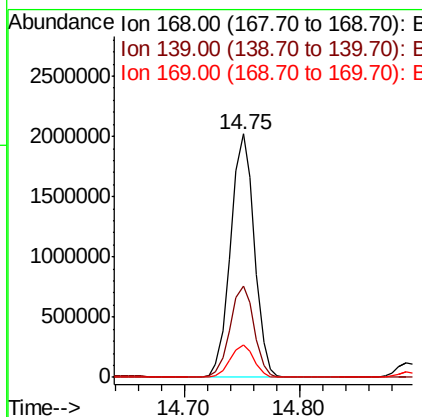
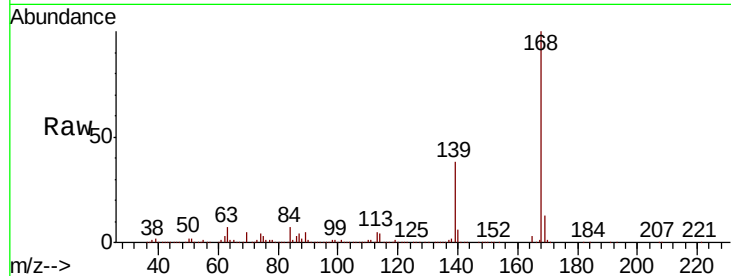
#55
Dibenzofuran
Concen: 40.783 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampled :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.7	46.1
169	13.4	10.3	15.5

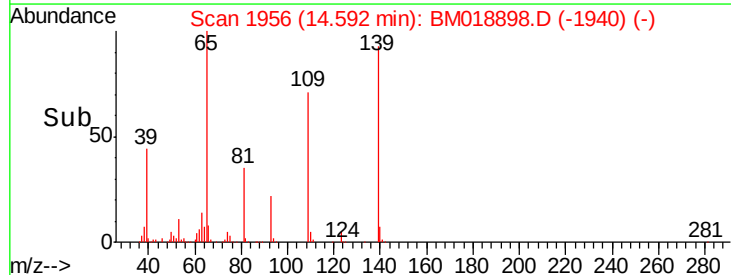
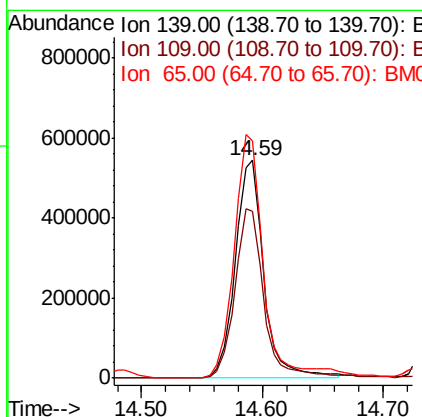
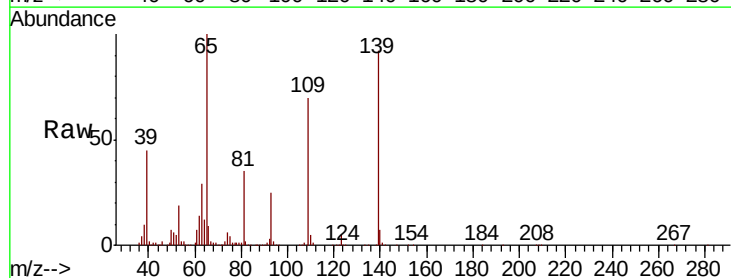
Manual Integrations
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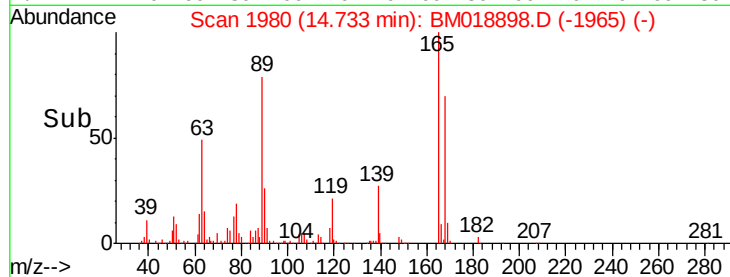
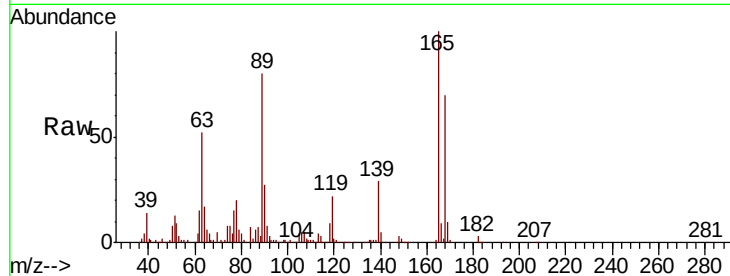
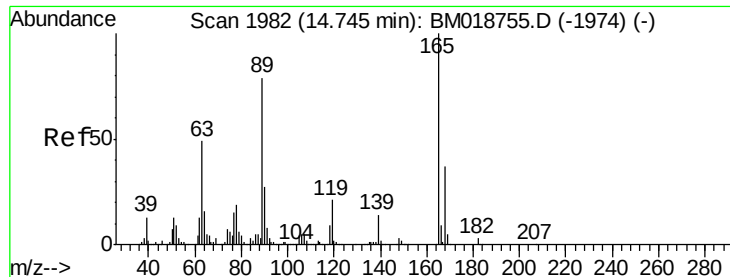
Sohil
2/22/2019 9:32:42 AM



#56
4-Nitrophenol
Concen: 78.073 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.7	58.4	98.4
65	109.1	89.8	129.8





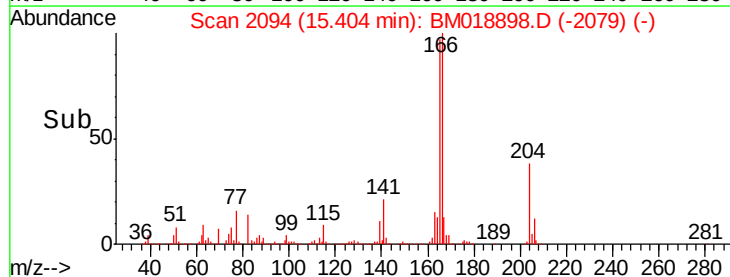
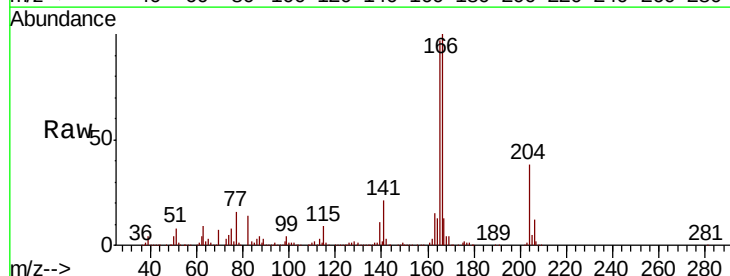
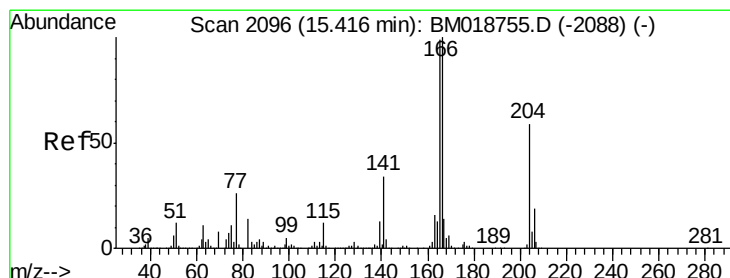
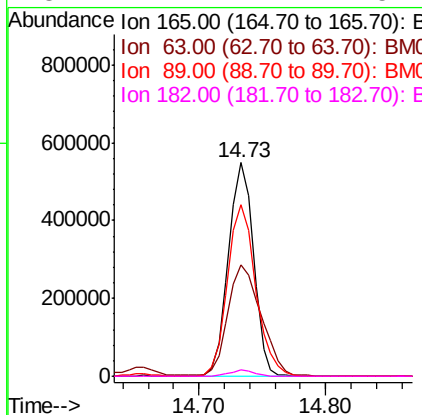
#57
2,4-Dinitrotoluene
Concen: 42.849 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	39.6	59.4
89	80.1	63.5	95.3
182	2.7	2.2	3.4

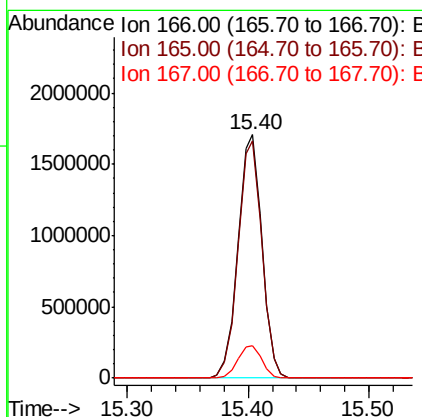
Manual Integrations
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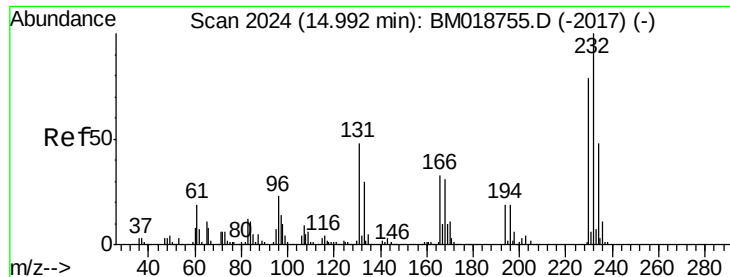
Sohil
2/22/2019 9:32:42 AM



#58
Fluorene
Concen: 43.641 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.1	118.7
167	13.2	11.0	16.4





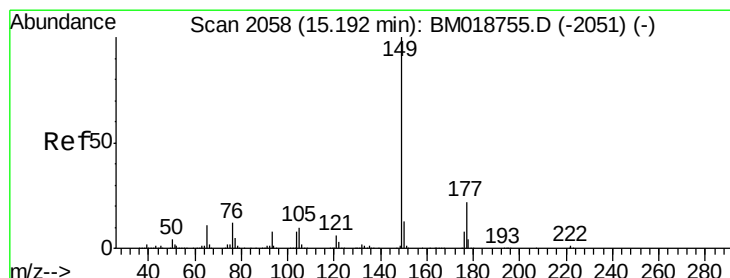
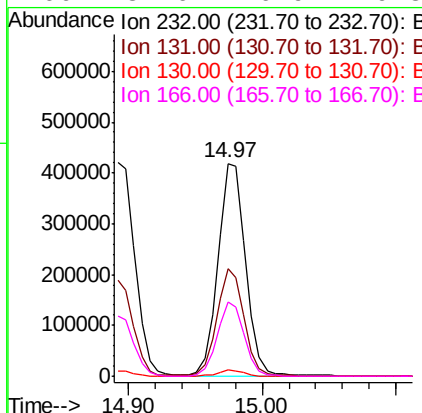
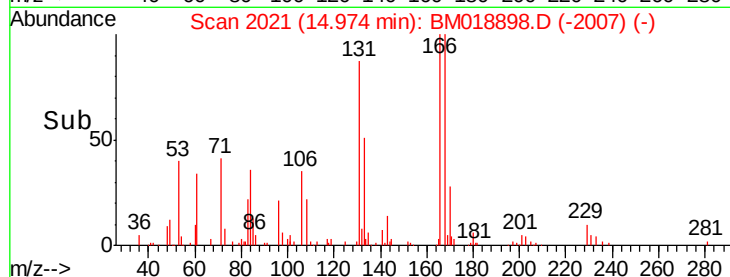
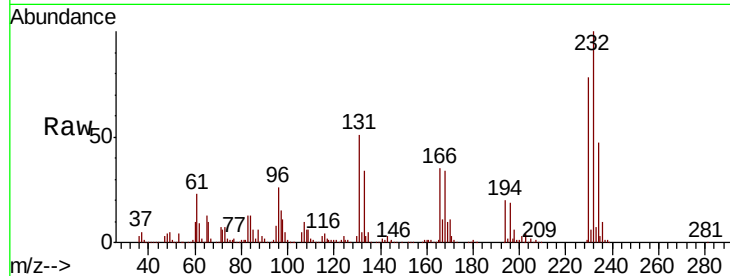
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.566 ng
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.8	38.6	57.8
130	2.6	2.0	3.0
166	34.6	26.9	40.3

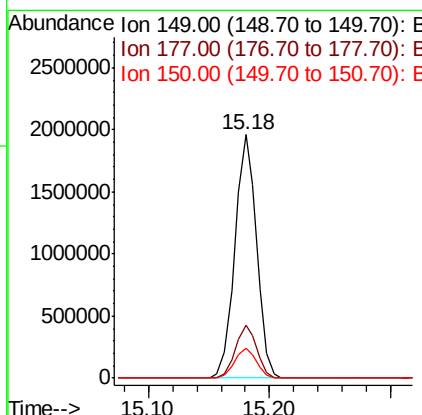
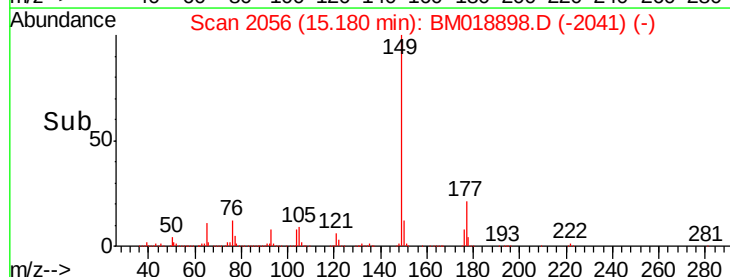
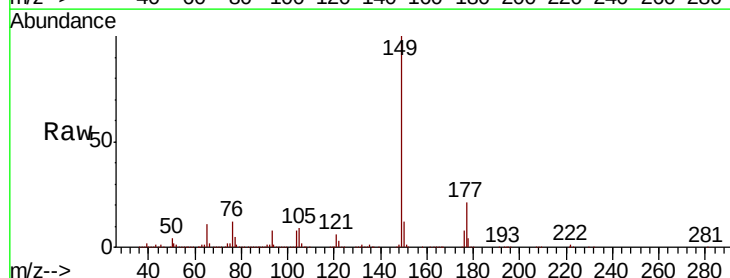
Manual Integrations
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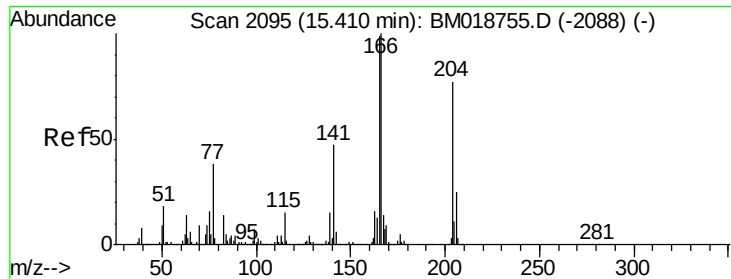
Sohil
 2/22/2019 9:32:42 AM



#60
 Diethylphthalate
 Concen: 40.331 ng
 RT: 15.18 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.2	25.8
150	12.3	10.2	15.2





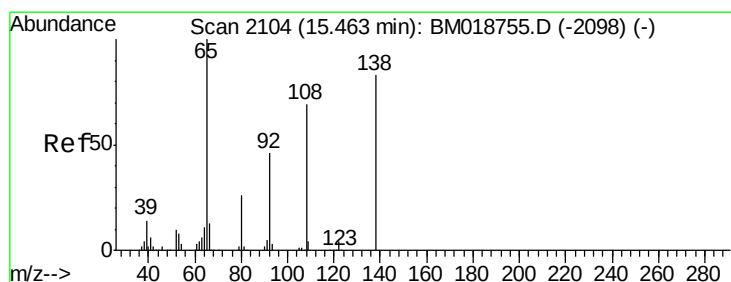
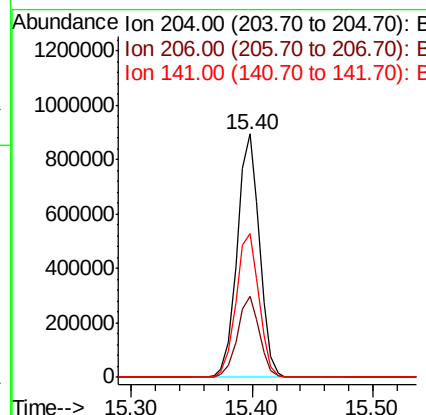
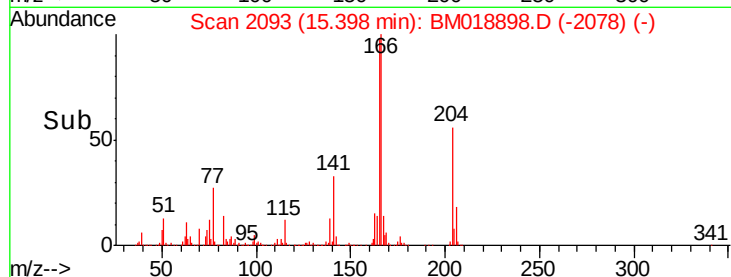
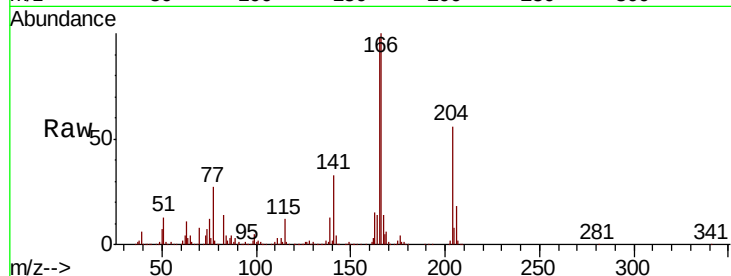
#61
4-Chlorophenyl-phenylether
Concen: 38.017 ng
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	59.0	49.2	73.8

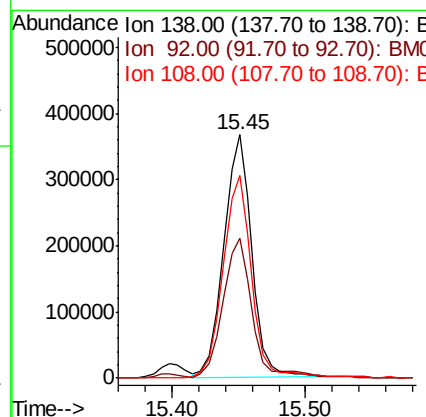
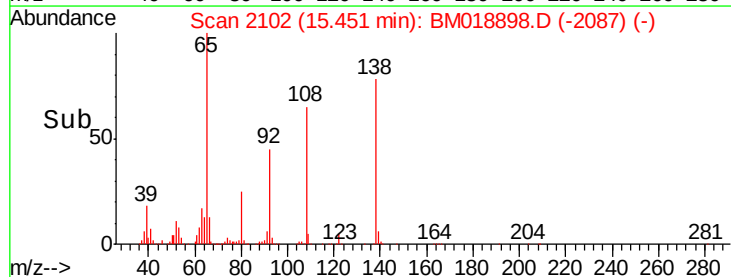
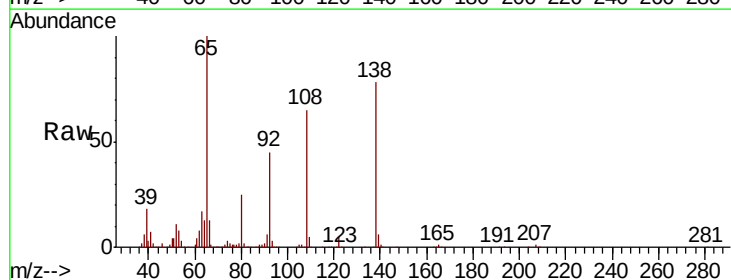
Manual Integrations
APPROVED

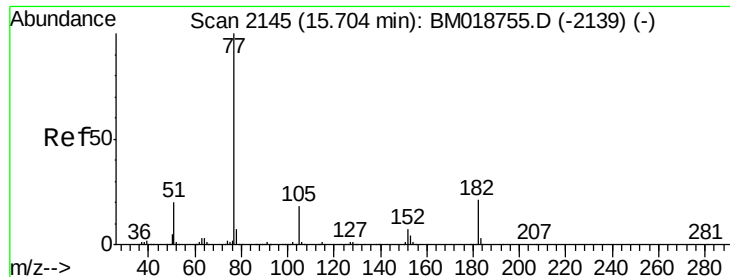
Sohil
2/22/2019 9:32:42 AM



#62
4-Nitroaniline
Concen: 38.297 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.4	35.5	75.5
108	83.0	62.4	102.4





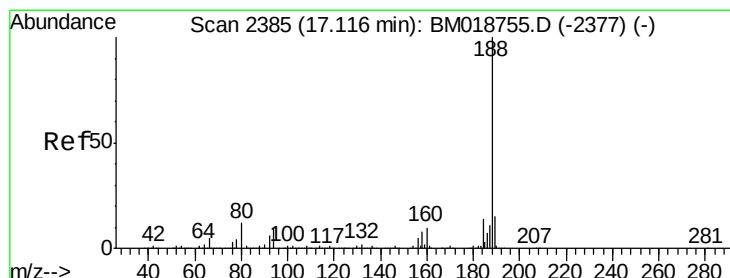
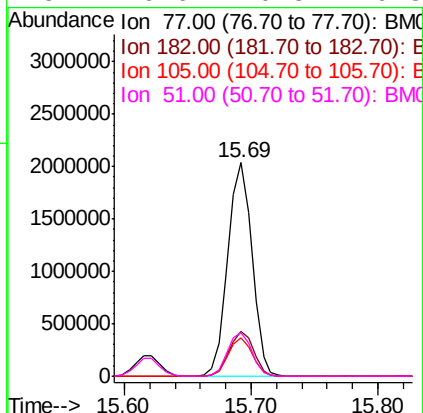
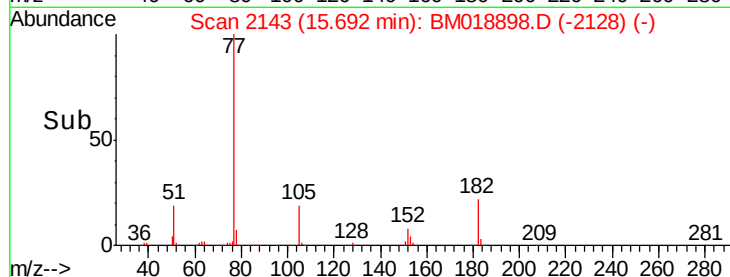
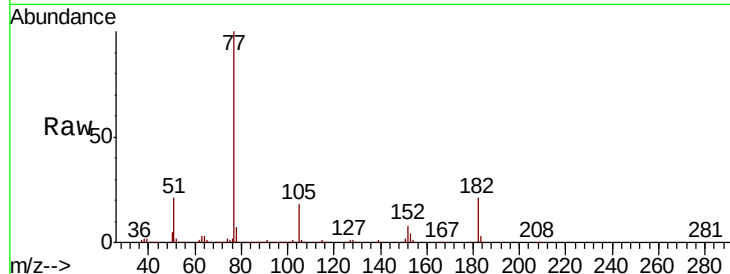
#63
Azobenzene
Concen: 41.166 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.2	1.0	41.0
105	18.1	0.0	37.7
51	20.6	0.3	40.3

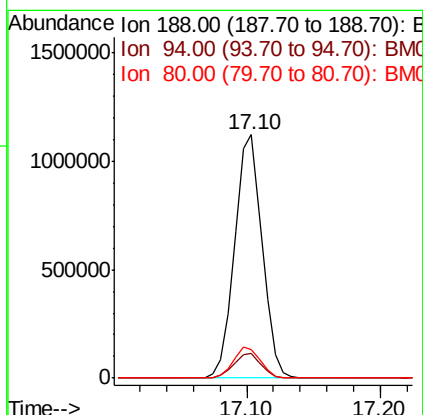
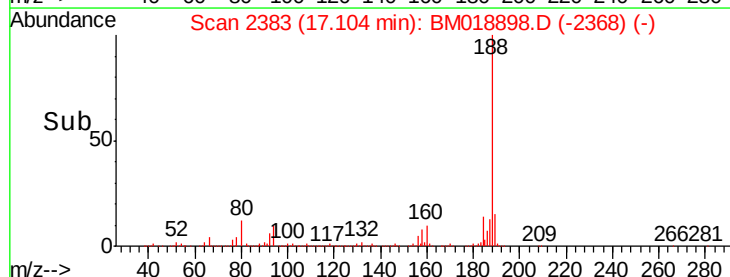
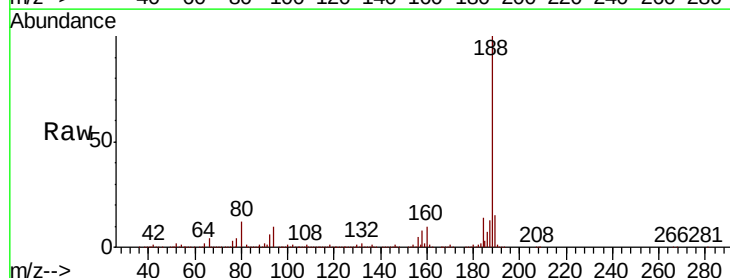
Manual Integrations
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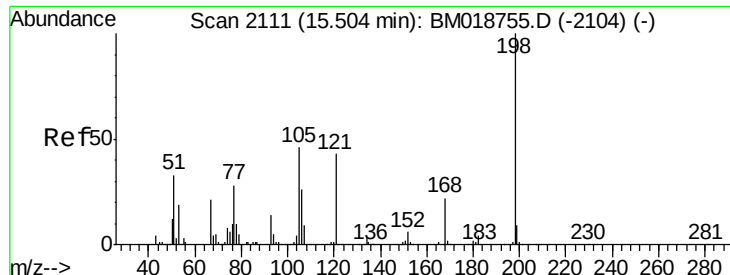
Sohil
2/22/2019 9:32:42 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.2	12.2
80	11.9	9.7	14.5





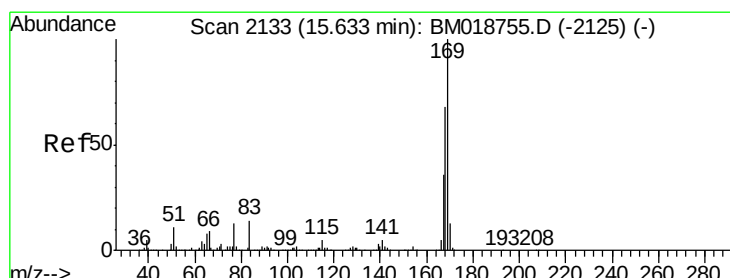
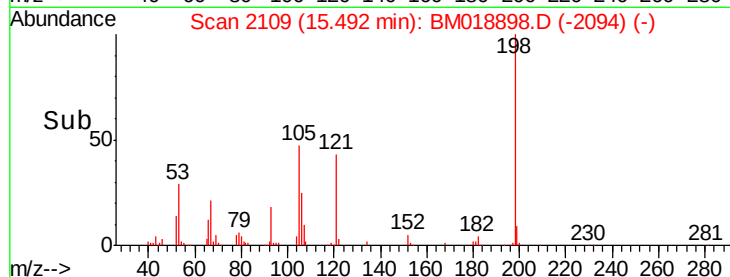
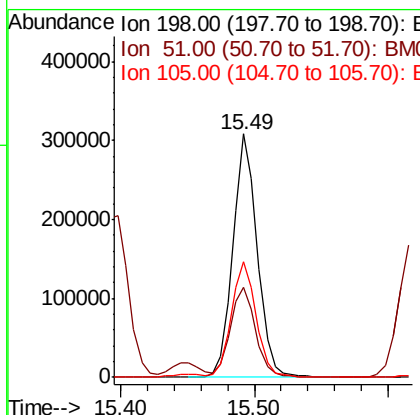
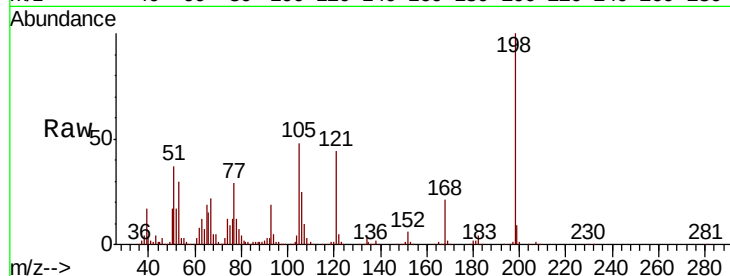
#65
4,6-Dinitro-2-methylphenol
Concen: 34.821 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	392440		
51	37.0	18.4	58.4	
105	47.6	27.2	67.2	

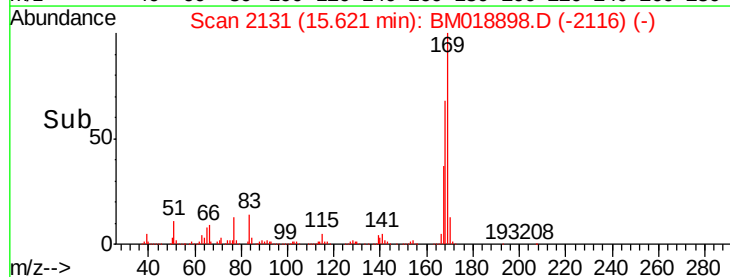
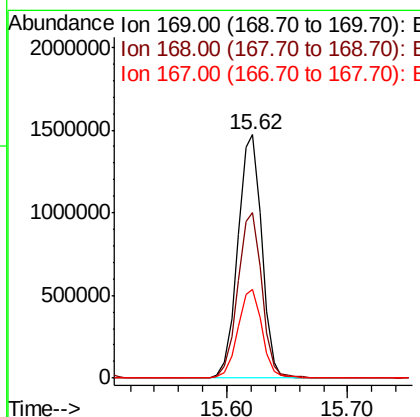
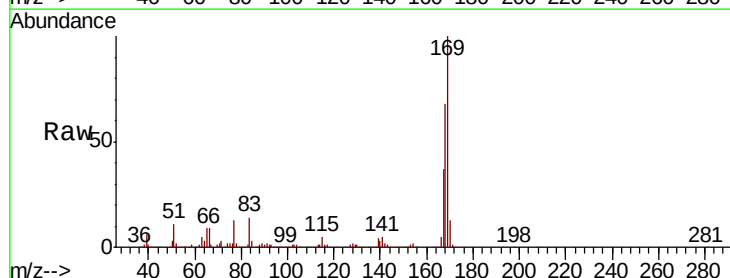
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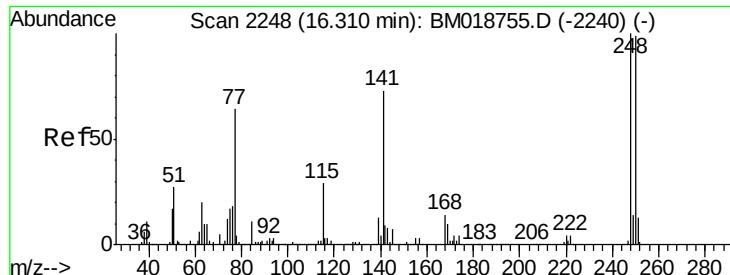
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 40.087 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2033018		
168	67.7	54.4	81.6	
167	36.5	29.0	43.6	





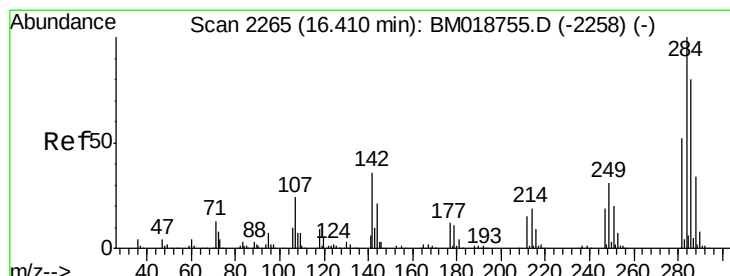
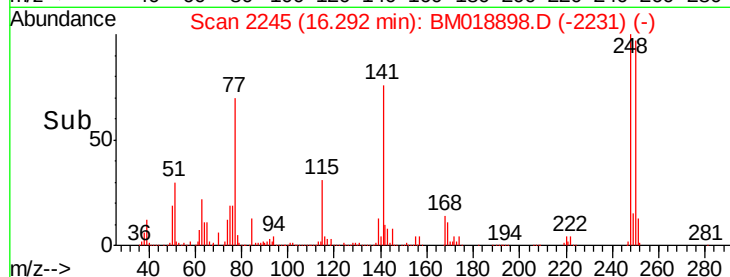
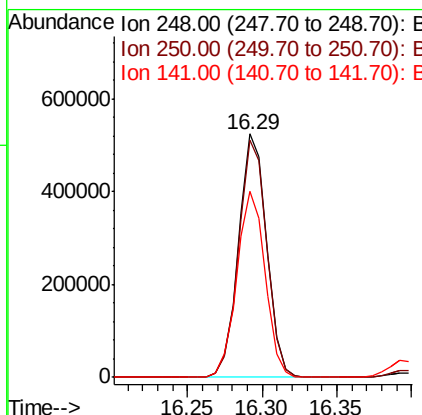
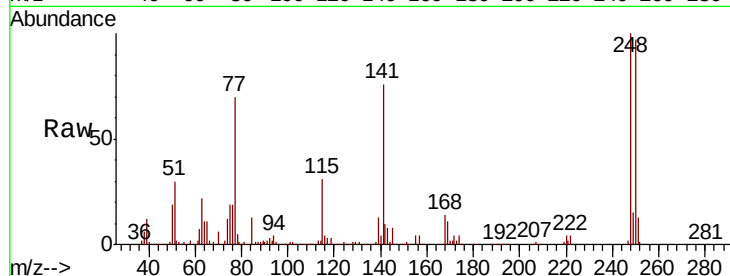
#67
4-Bromophenyl-phenylether
Concen: 38.002 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.0	118.6
141	76.3	58.6	88.0

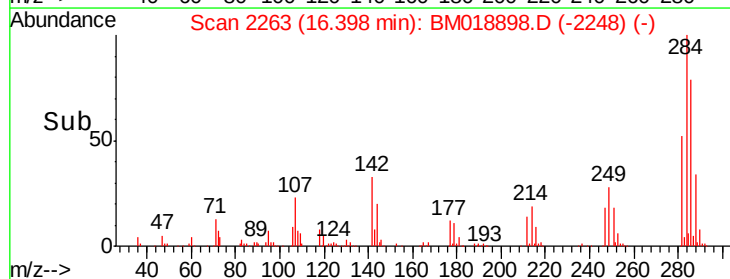
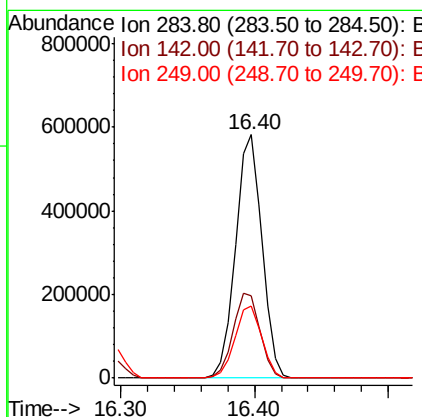
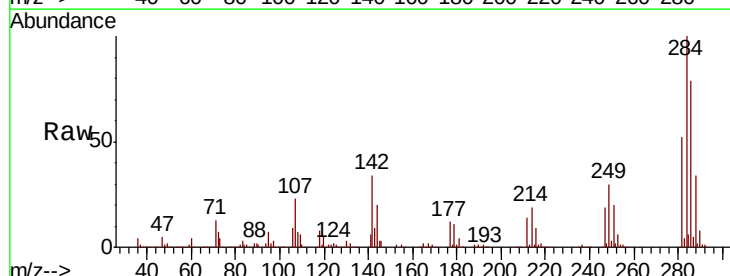
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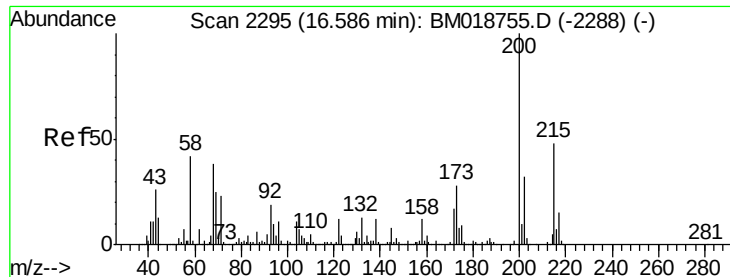
Sohil
2/22/2019 9:32:42 AM



#68
Hexachlorobenzene
Concen: 38.189 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.0	28.9	43.3
249	29.8	24.8	37.2





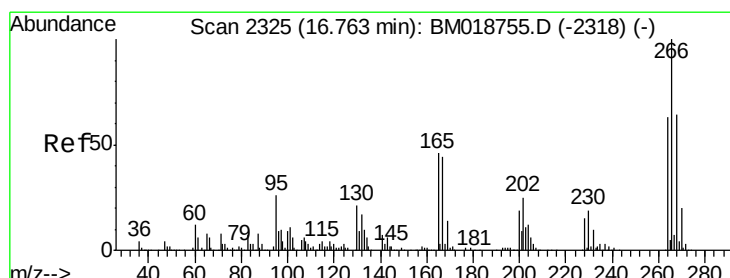
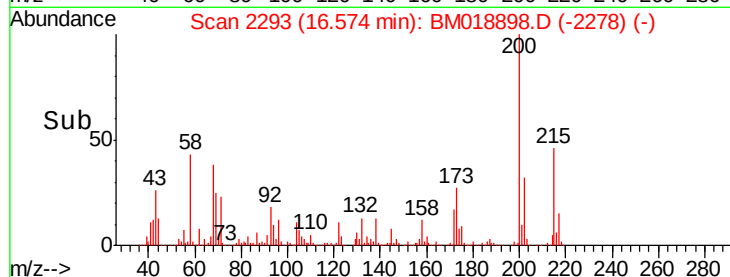
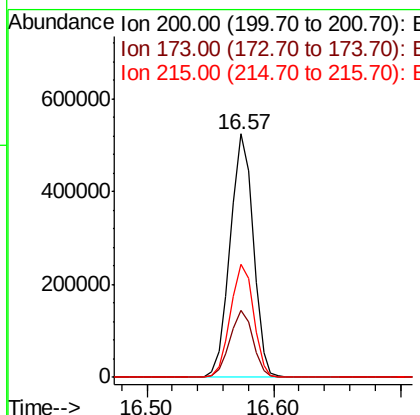
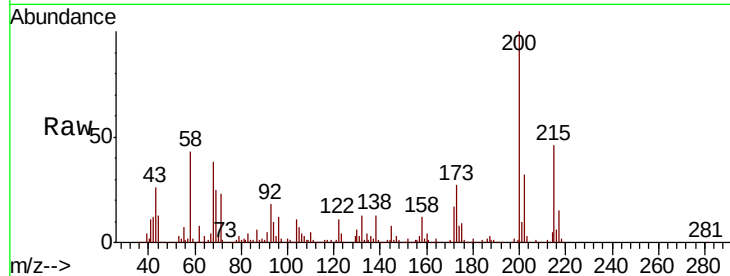
#69
 Atrazine
 Concen: 40.328 ng
 RT: 16.57 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	659348		
173	27.4	7.6	47.6	
215	46.3	27.6	67.6	

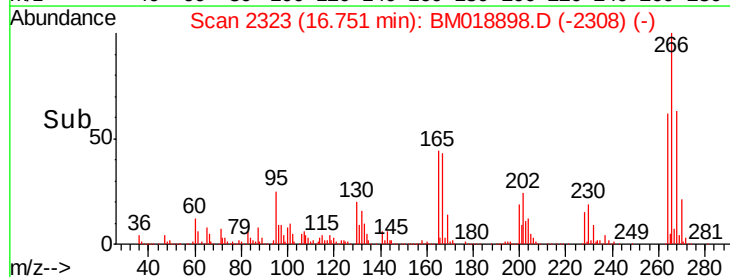
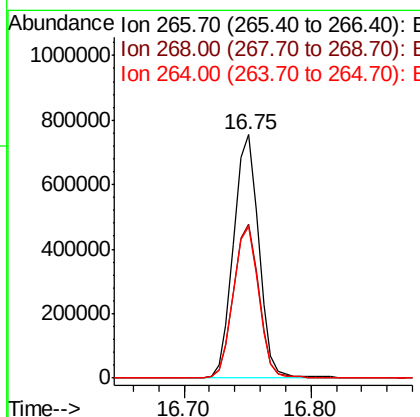
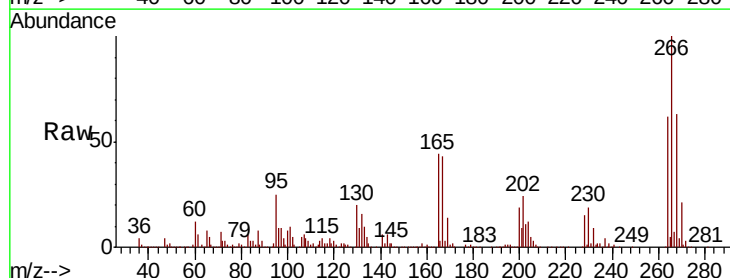
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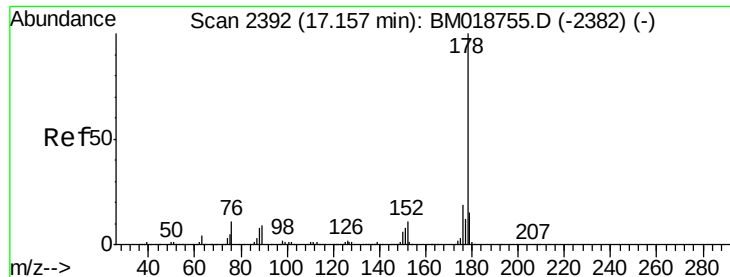
Sohil
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#70
 Pentachlorophenol
 Concen: 77.322 ng
 RT: 16.75 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1039752		
268	63.4	51.3	76.9	
264	62.1	50.6	75.8	





#71

Phenanthrene

Concen: 42.522 ng

RT: 17.14 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

ClientSampleId :

M-11-A-DMSD

Tot Ion:178 Resp: 3668179

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

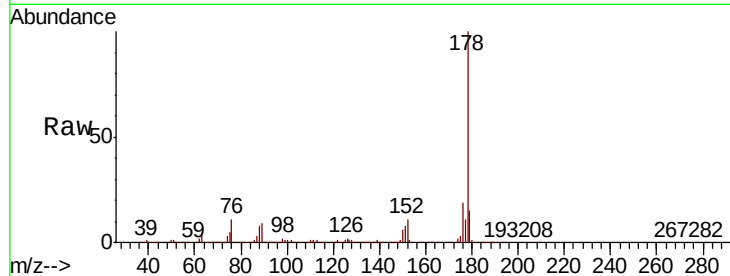
179 15.2 12.3 18.5

Manual Integrations

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Sohil

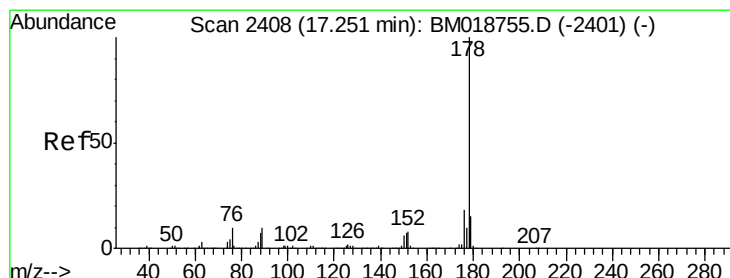
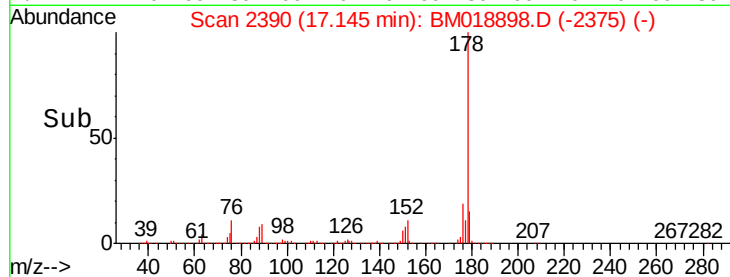
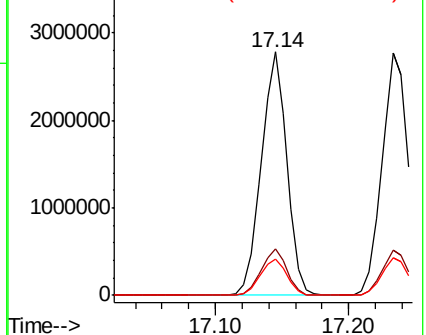
2/22/2019 9:32:42 AM



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: 44.695 ng

RT: 17.23 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:178 Resp: 3752780

Ion Ratio Lower Upper

178 100

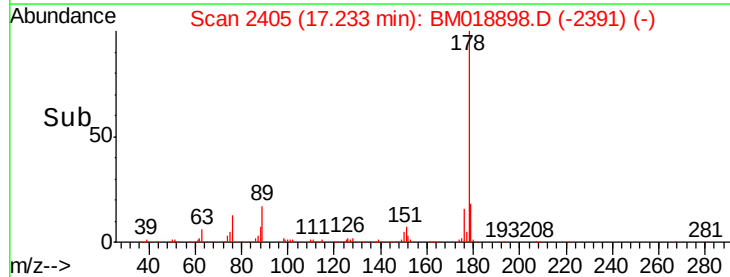
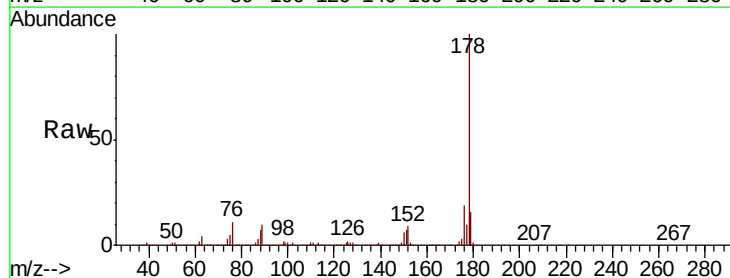
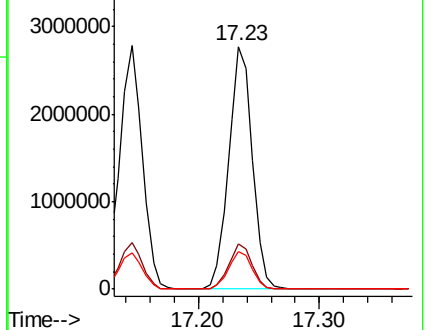
176 18.5 14.8 22.2

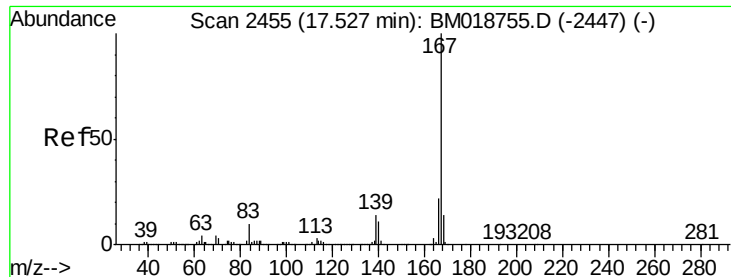
179 15.7 12.1 18.1

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





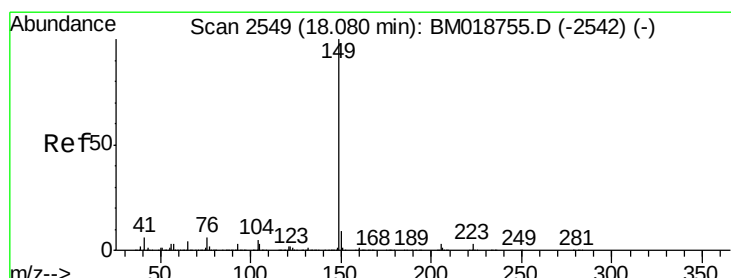
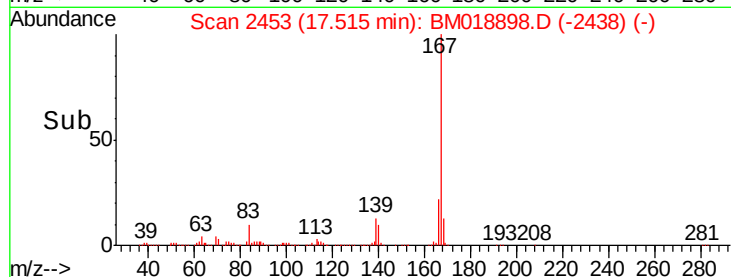
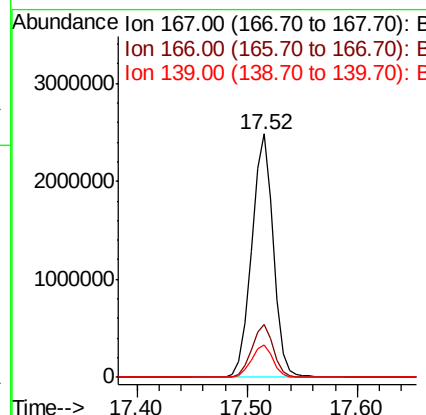
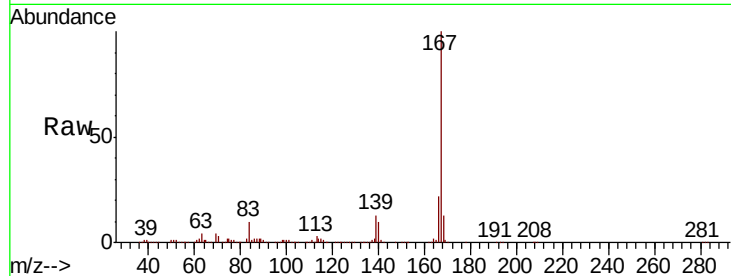
#73
 Carbazole
 Concen: 38.921 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

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

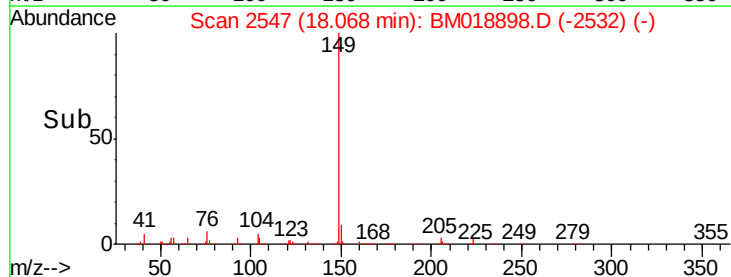
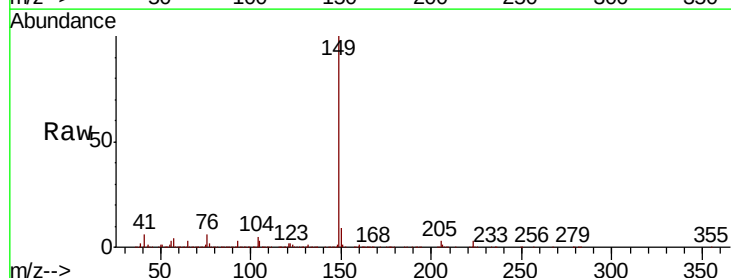
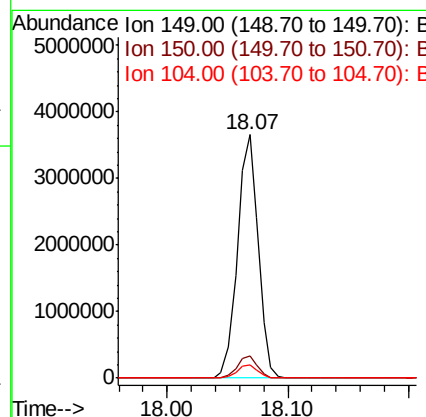
Manual Integrations
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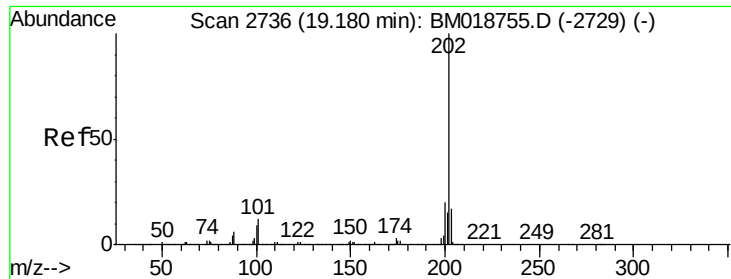
Sohil
 2/22/2019 9:32:42 AM



#74
 Di-n-butylphthalate
 Concen: 43.103 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 42.718 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

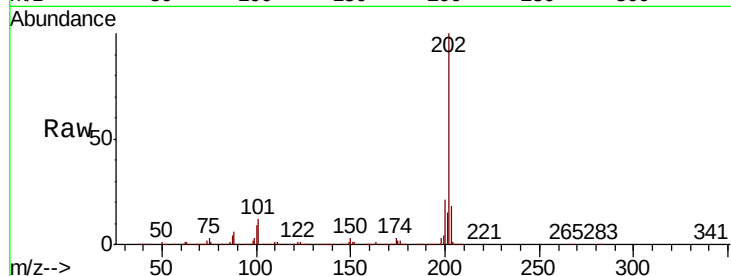
ClientSampleId :

M-11-A-DMSD

Tot Ion:	202	Resp:	4256766
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.5
203	17.6	0.0	37.3

Manual Integrations
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2/22/2019 9:32:42 AM

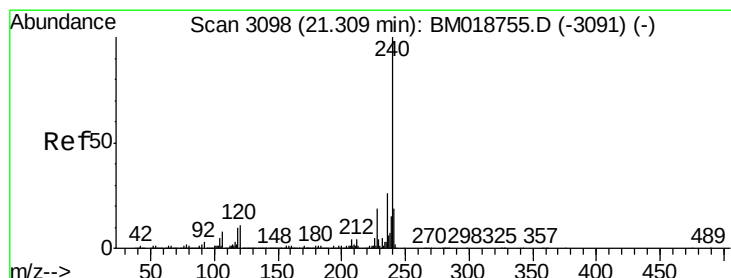
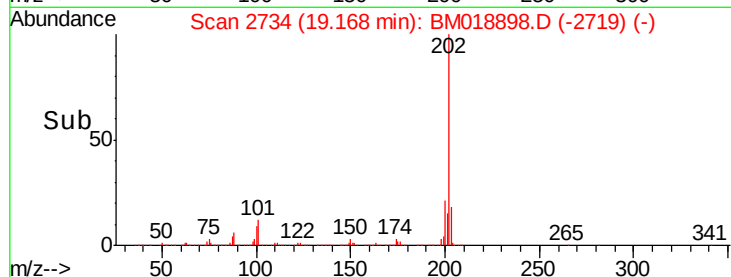
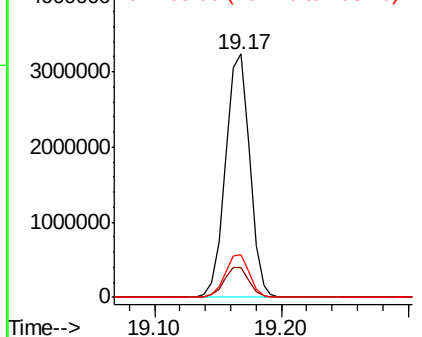


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

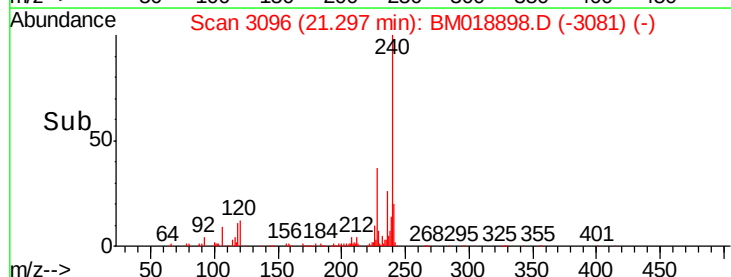
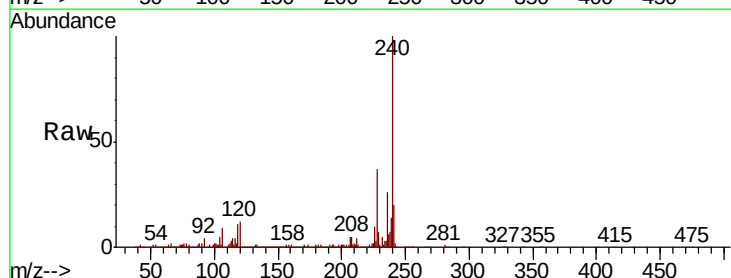
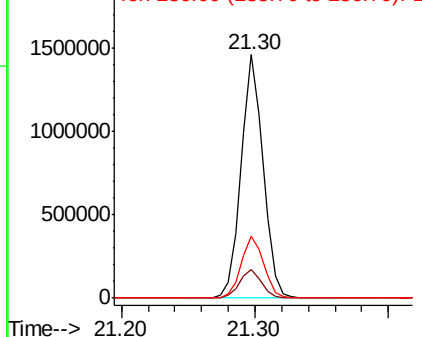
Tgt Ion:	240	Resp:	1663003
Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.9	13.3
236	25.6	20.9	31.3

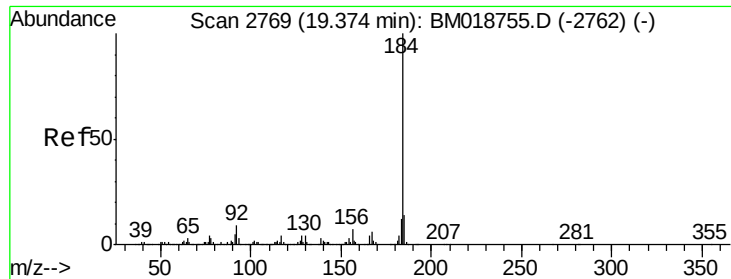
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.098 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

ClientSampleId :

M-11-A-DMSD

Tot Ion:184 Resp: 2625407

Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.2	16.8
183	12.2	9.7	14.5

184 100

185 13.8 11.2 16.8

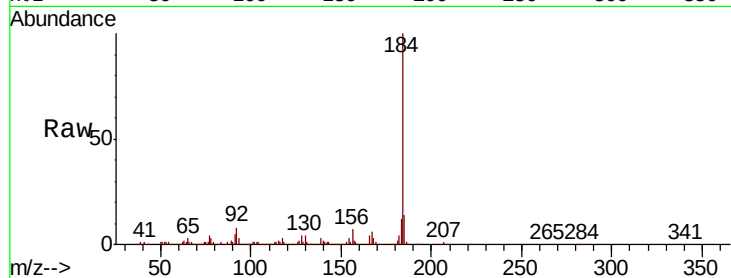
183 12.2 9.7 14.5

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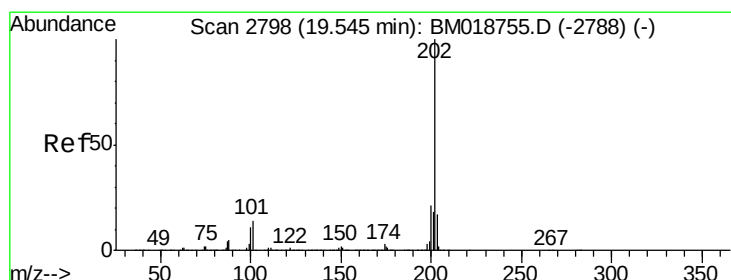
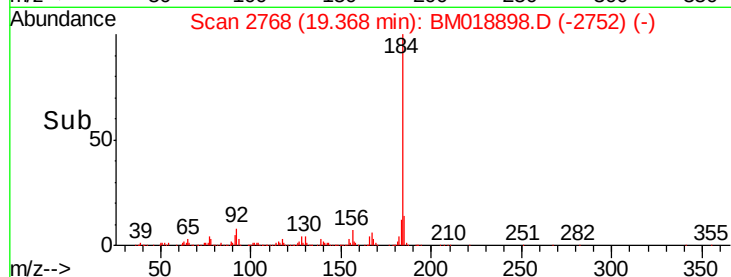
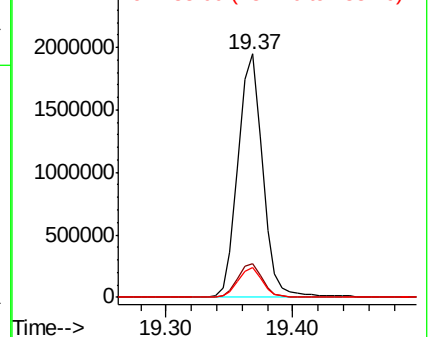


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.484 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

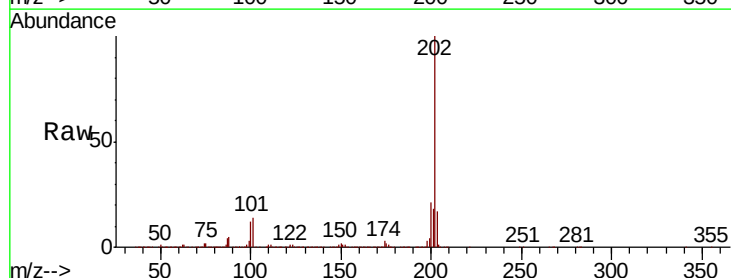
Tgt Ion:202 Resp: 4393048

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.4	13.8	20.8

202 100

200 21.3 16.9 25.3

203 17.4 13.8 20.8

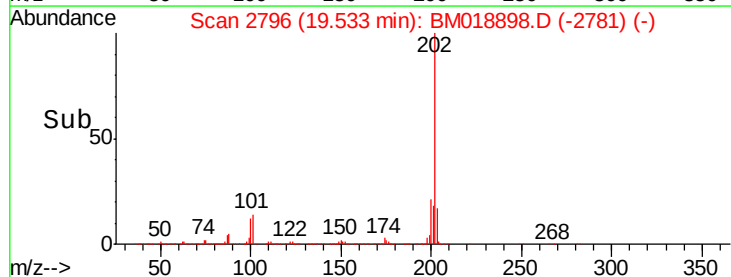
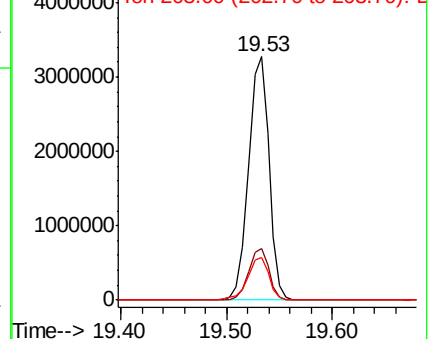


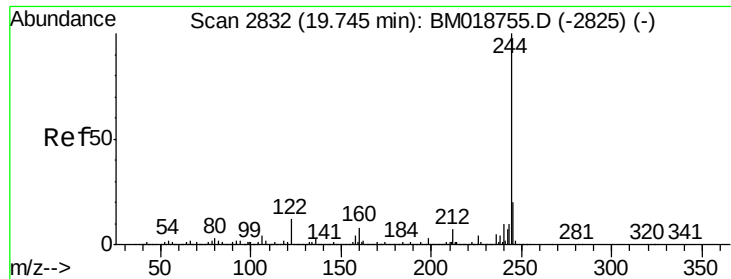
Abundance

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





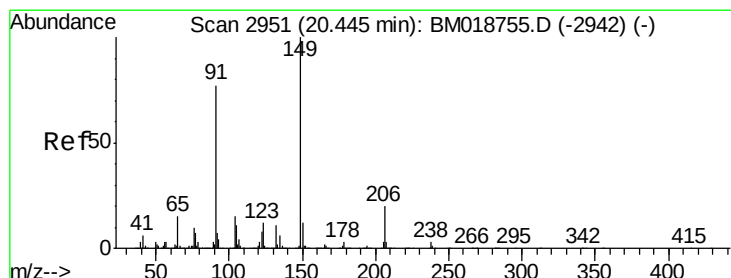
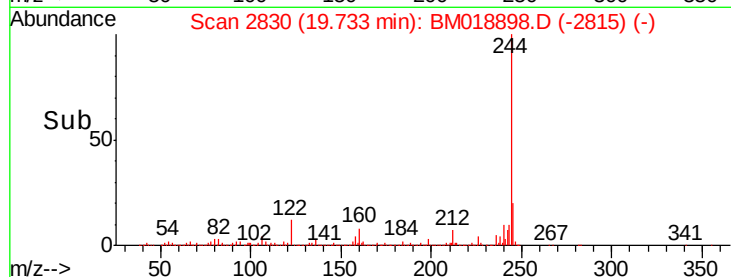
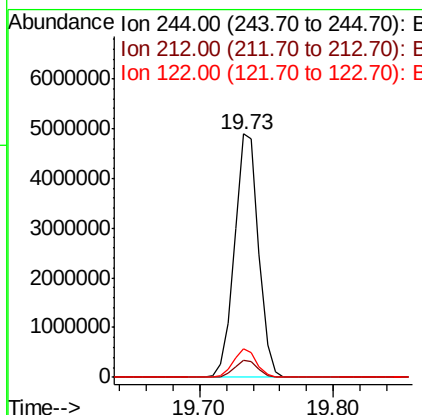
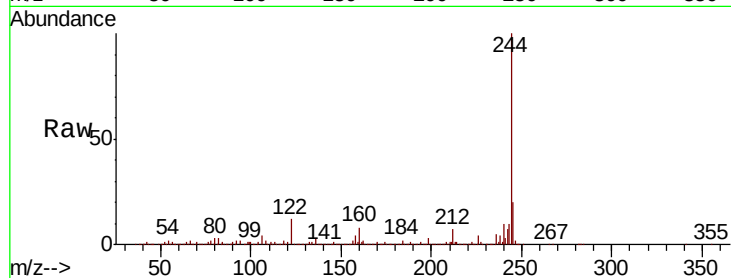
#79
 Terphenyl-d14
 Concen: 76.056 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

Tot Ion:244 Resp: 6131247
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.0 9.3 13.9

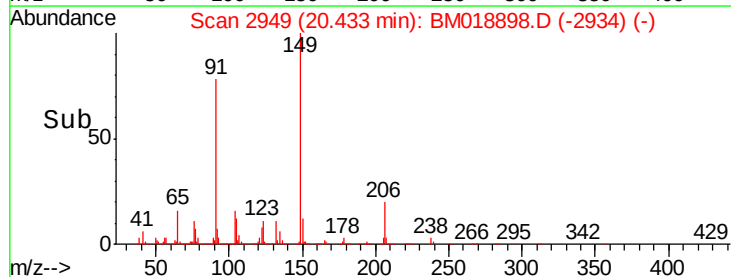
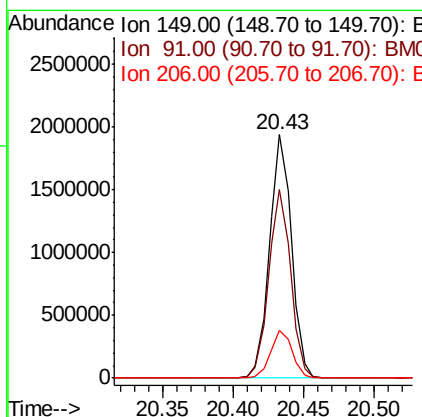
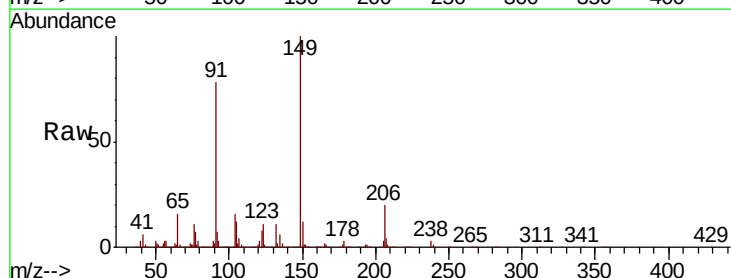
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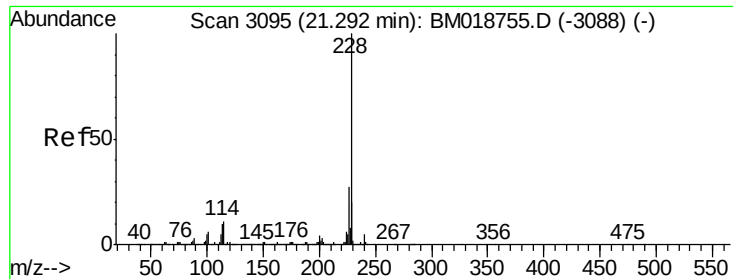
Sohil
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#80
 Butylbenzylphthalate
 Concen: 48.078 ng
 RT: 20.43 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Tgt Ion:149 Resp: 2116271
 Ion Ratio Lower Upper
 149 100
 91 77.5 61.4 92.0
 206 19.6 15.8 23.8





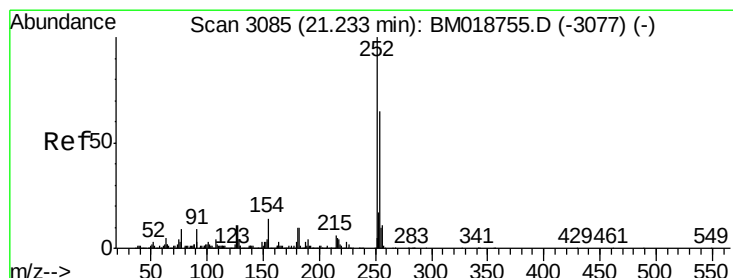
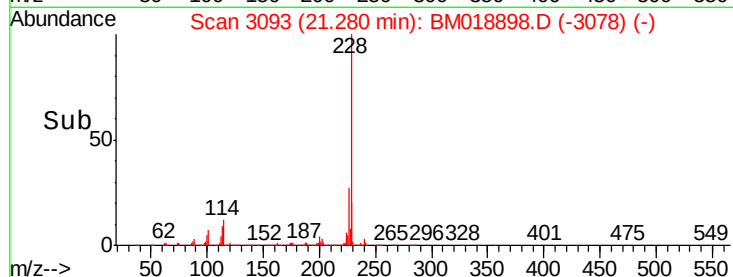
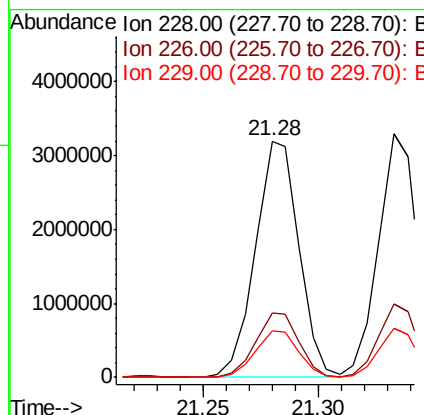
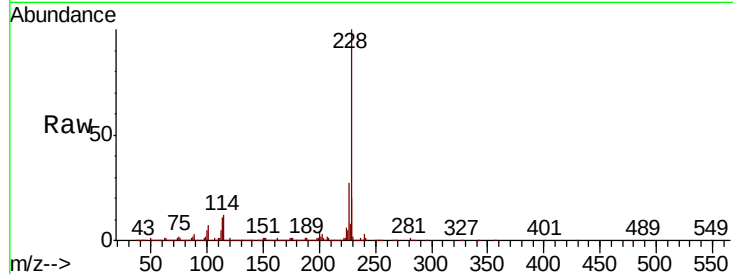
#81
Benzo(a)anthracene
Concen: 43.346 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion:228 Resp: 4201954
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.8 15.9 23.9

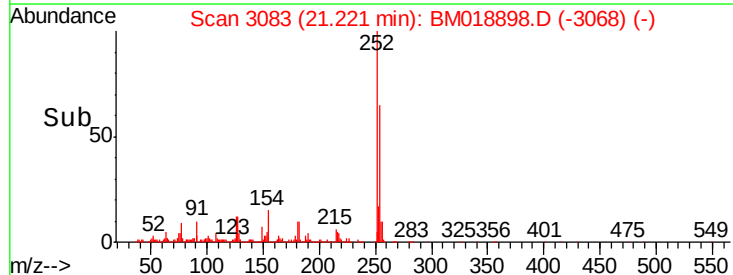
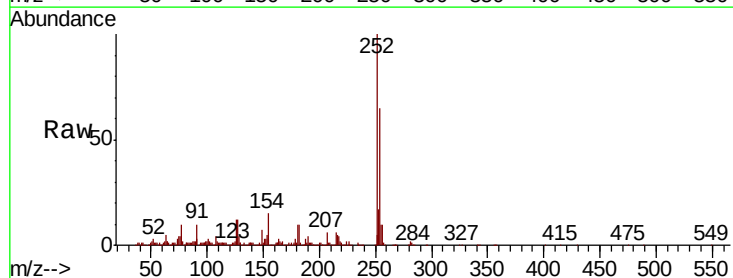
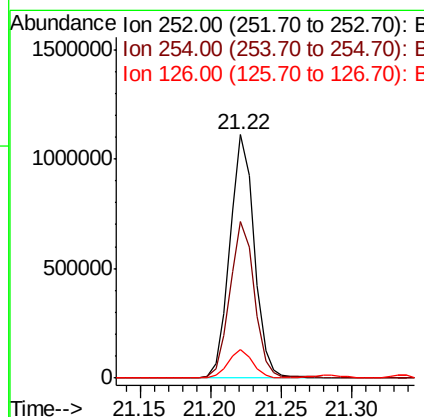
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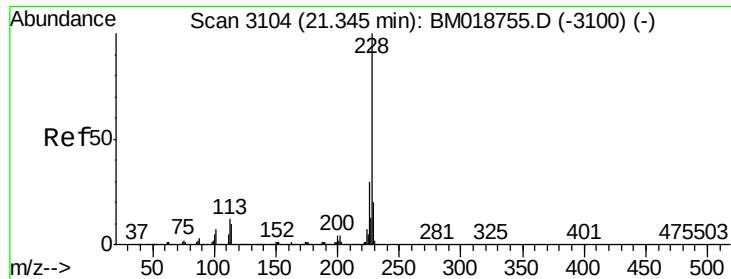
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 35.110 ng
RT: 21.22 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion:252 Resp: 1345131
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.8
126 11.8 9.1 13.7





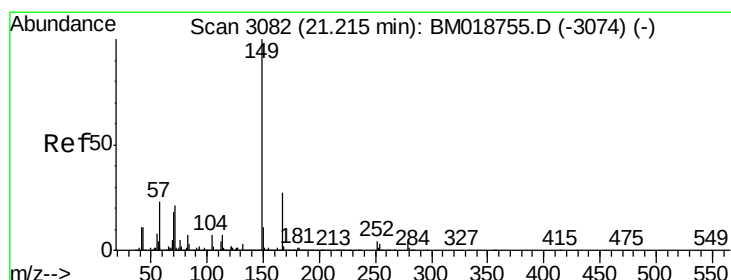
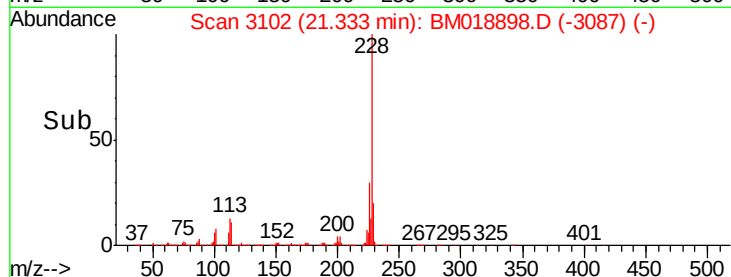
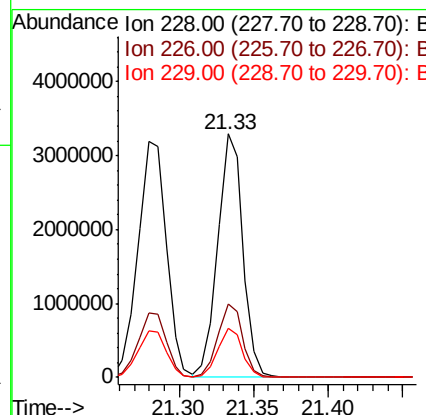
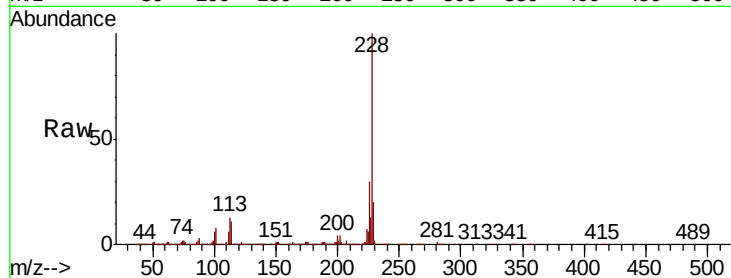
#83
 Chrysene
 Concen: 41.745 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Instrument :
 BNA_M
 ClientSampleId :
 M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.0	16.0	24.0

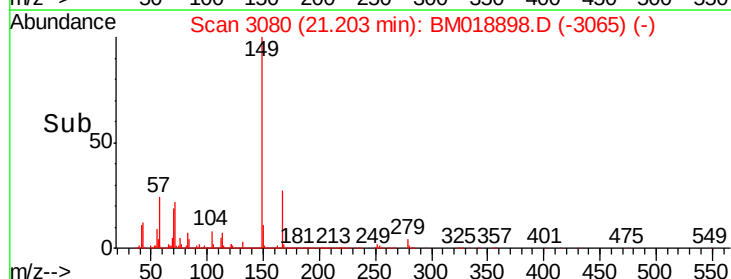
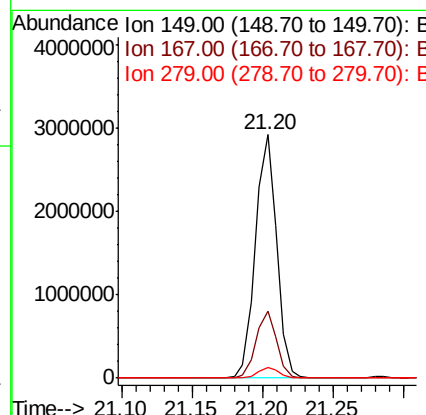
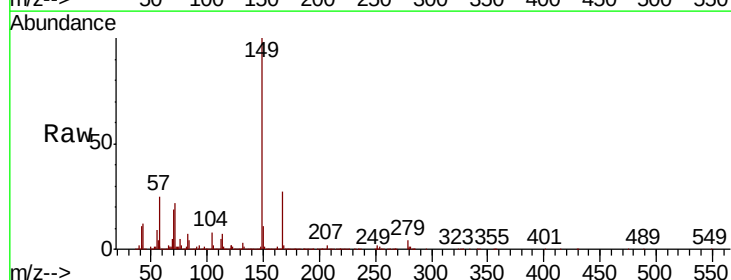
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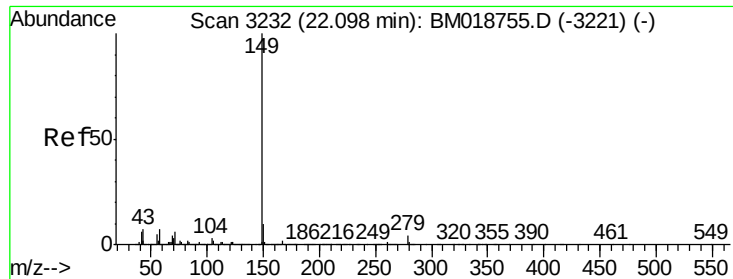
Sohil
 2/22/2019 9:32:42 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.907 ng
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM018898.D
 Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.6
279	4.3	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 48.811 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

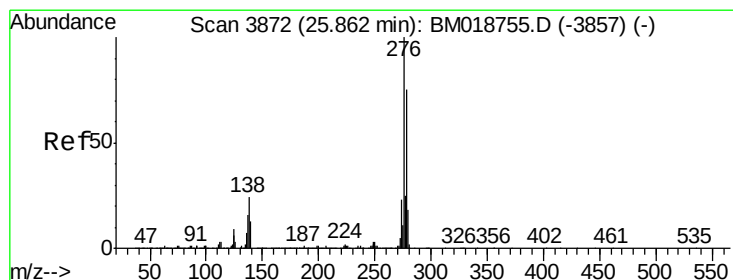
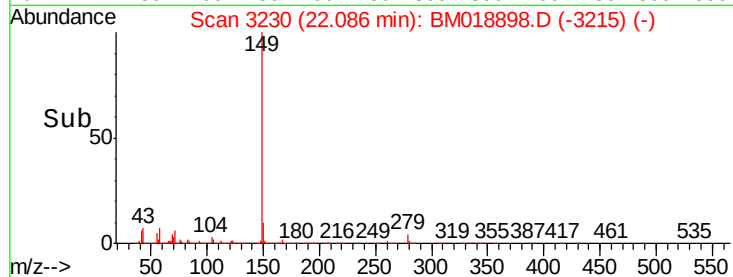
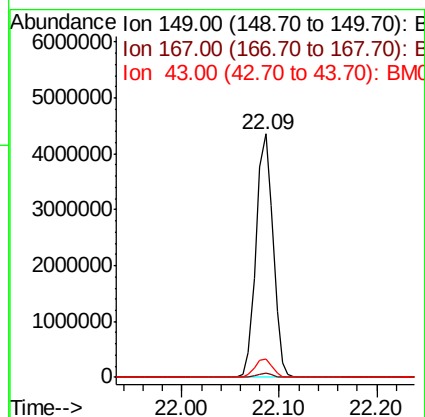
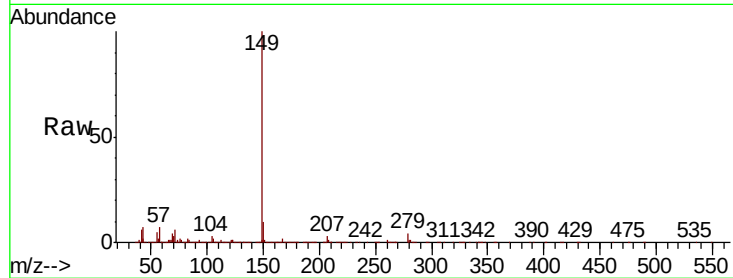
ClientSampled :

M-11-A-DMSD

Tot Ion:	149	Resp:	5285259
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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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.443 ng

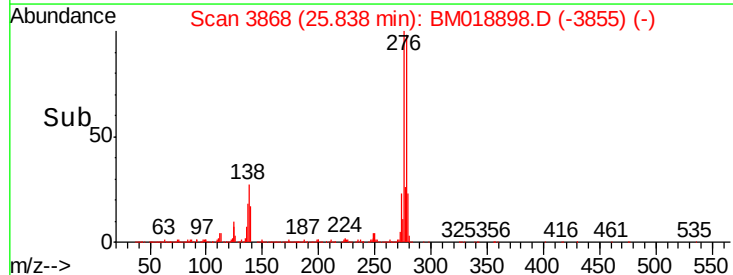
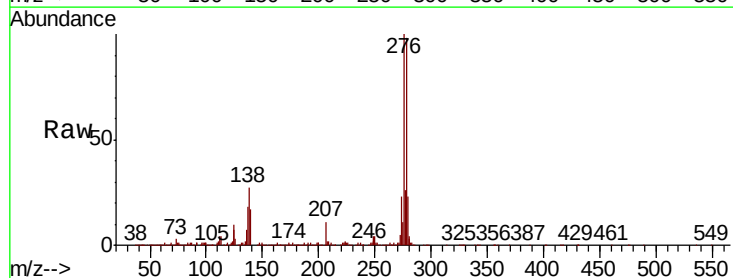
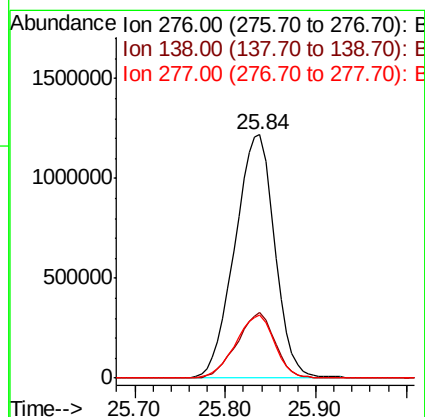
RT: 25.84 min Scan# 3868

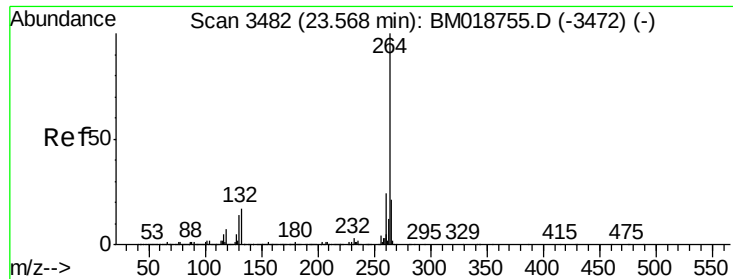
Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:	276	Resp:	3694880
Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.4
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.55 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Instrument :

BNA_M

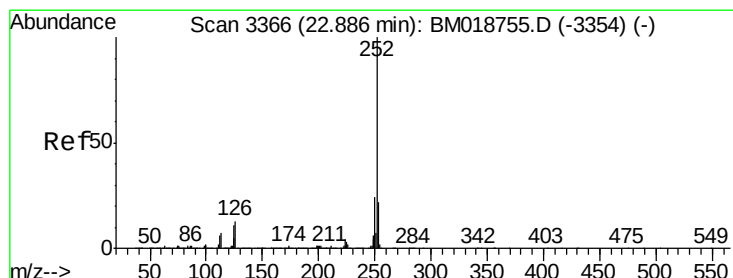
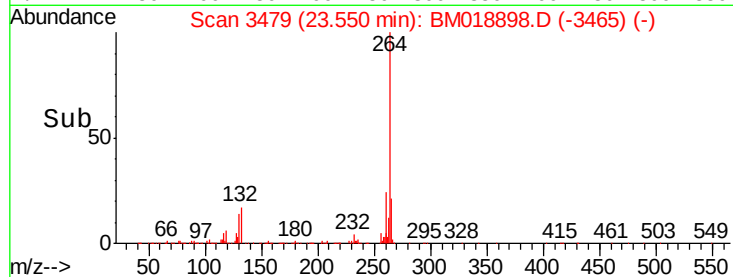
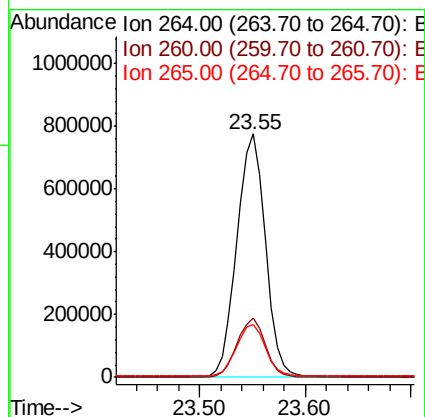
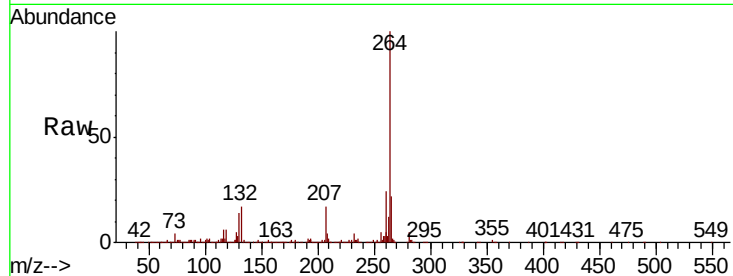
ClientSampleId :

M-11-A-DMSD

Tot Ion:	264	Resp:	1454063
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.8	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 45.441 ng

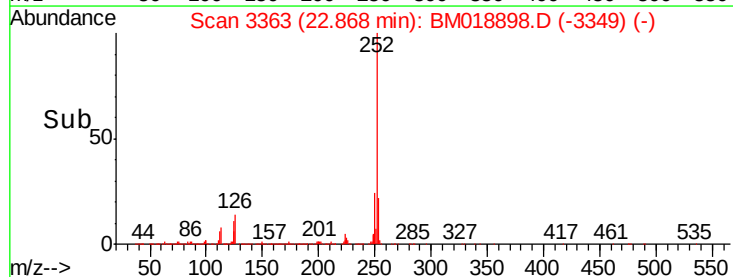
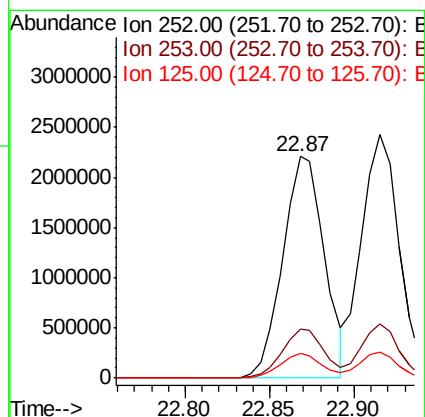
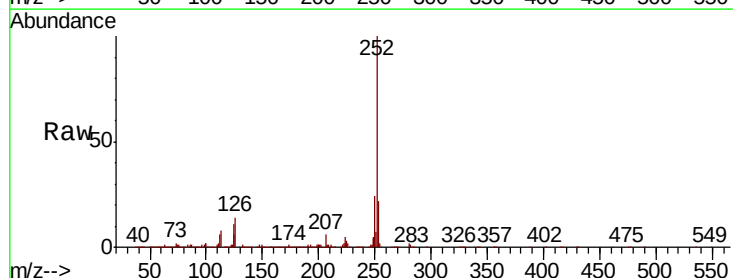
RT: 22.87 min Scan# 3363

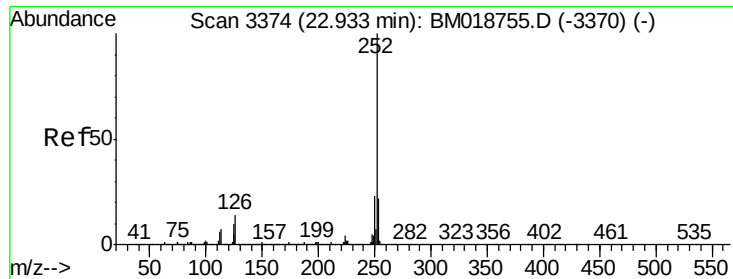
Delta R.T. -0.02 min

Lab File: BM018898.D

Acq: 21 Feb 2019 16:32

Tgt Ion:	252	Resp:	3780355
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.2	8.6	12.8





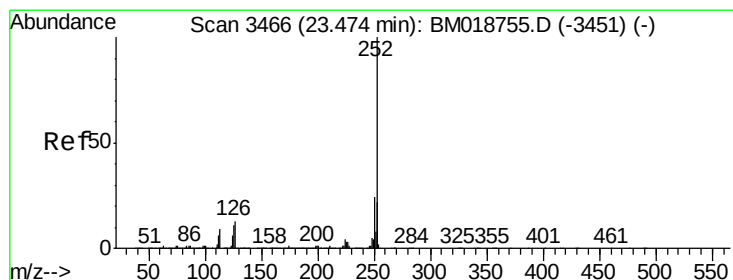
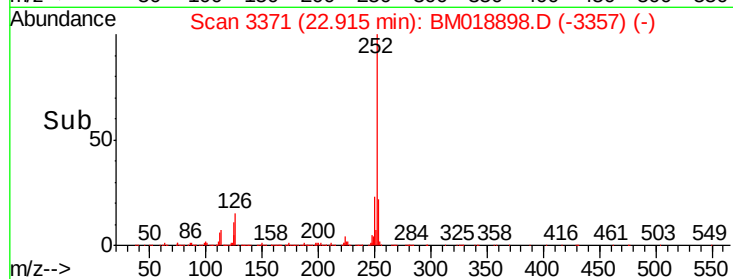
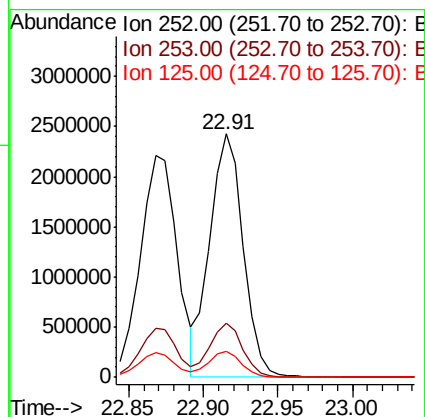
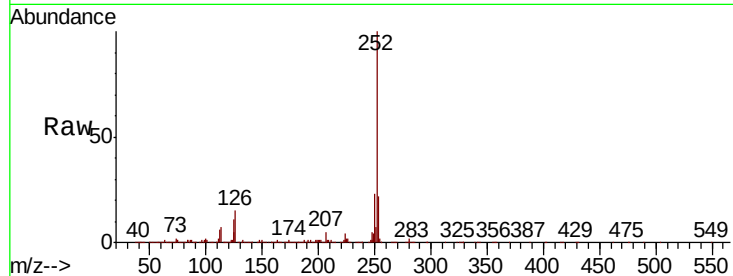
#89
Benzo(k)fluoranthene
Concen: 45.636 ng
RT: 22.91 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	10.9	8.2	12.4

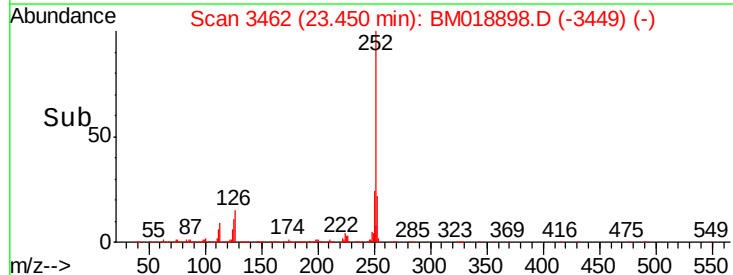
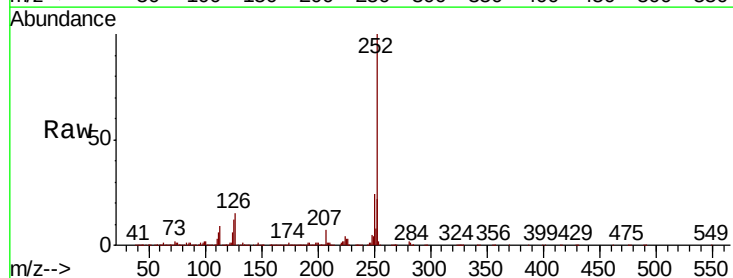
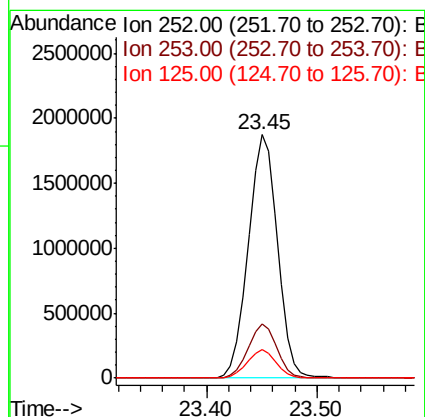
Manual Integrations
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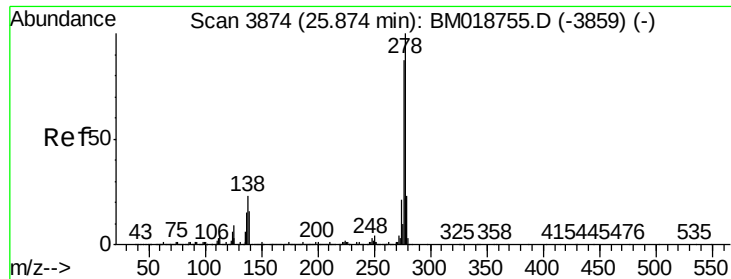
Sohil
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#90
Benzo(a)pyrene
Concen: 44.175 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.02 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	11.5	8.6	13.0





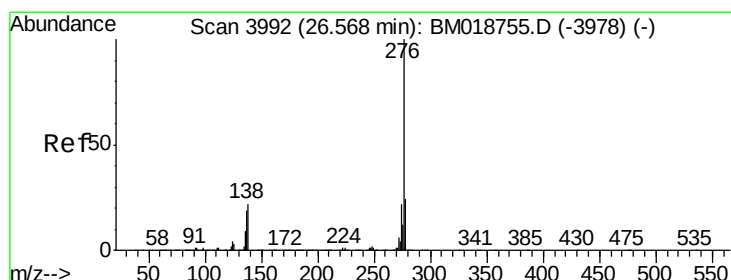
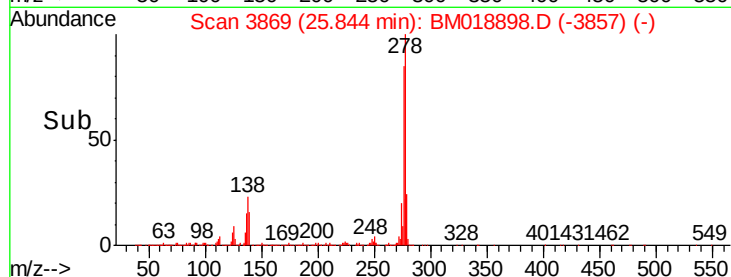
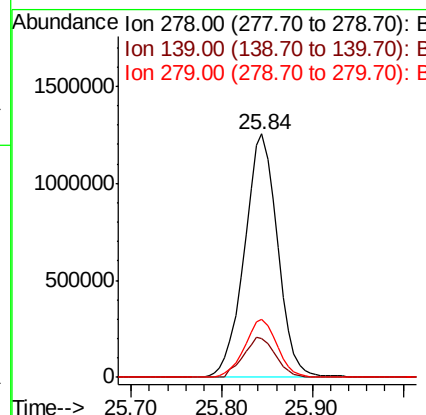
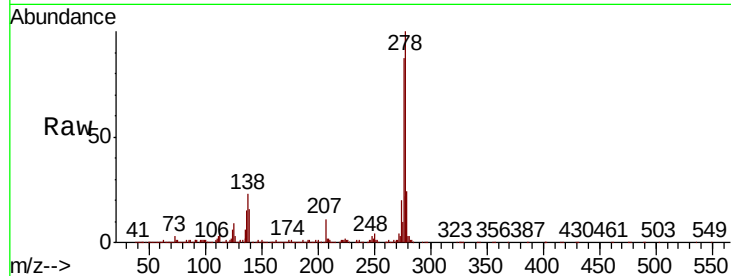
#91
Dibenzo(a,h)anthracene
Concen: 40.712 ng
RT: 25.84 min Scan# 3869
Delta R.T. -0.03 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Instrument :
BNA_M
ClientSampleId :
M-11-A-DMSD

Tot Ion:278 Resp: 3178795
Ion Ratio Lower Upper
278 100
139 16.1 12.6 18.8
279 23.9 18.6 28.0

Manual Integrations
APPROVED

Sohil
2/22/2019 9:32:42 AM



#92
Benzo(g,h,i)perylene
Concen: 40.107 ng
RT: 26.53 min Scan# 3986
Delta R.T. -0.04 min
Lab File: BM018898.D
Acq: 21 Feb 2019 16:32

Tgt Ion:276 Resp: 2915443
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 21.5 17.3 25.9

