

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018885.D
 Acq On : 20 Feb 2019 16:02
 Operator : JU/SJ
 Sample : PB117235BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Manual Integrations
 APPROVED

Sohil
 2/21/2019 10:08:50 AM

Quant Time: Feb 21 00:57:31 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	246994	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1045718	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	620642	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1414210	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1572349	20.00	ng	0.00
87) Perylene-d12	23.56	264	1480522	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1206606	80.04	ng	-0.01
7) Phenol-d6	6.88	99	1751335	82.47	ng	0.00
23) Nitrobenzene-d5	8.87	82	1868001	82.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	737484	82.43	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3740207	80.00	ng	-0.01
79) Terphenyl-d14	19.74	244	6931549	90.94	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.25	88	263053	40.065	ng	99
3) Pyridine	3.65	79	822663	45.935	ng	99
4) n-Nitrosodimethylamine	3.57	42	236690	51.951	ng	94
6) Aniline	7.05	93	1193327	45.862	ng	99
8) 2-Chlorophenol	7.27	128	727310	43.945	ng	98
9) Benzaldehyde	6.86	77	464620	40.047	ng	99
10) Phenol	6.90	94	988154	44.223	ng	99
11) bis(2-Chloroethyl)ether	7.14	93	720370	42.262	ng	99
12) 1,3-Dichlorobenzene	7.59	146	768448	41.291	ng	99
13) 1,4-Dichlorobenzene	7.74	146	791913	41.798	ng	99
14) 1,2-Dichlorobenzene	8.05	146	767357	42.165	ng	98
15) Benzyl Alcohol	7.95	79	748548	44.361	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.23	45	721516	43.735	ng	98
17) 2-Methylphenol	8.15	107	636181	44.733	ng	97
18) Hexachloroethane	8.76	117	292303	42.264	ng	97
19) n-Nitroso-di-n-propylamine	8.51	70	710519	43.211	ng	99
20) 3+4-Methylphenols	8.47	107	877737	44.695	ng	99
22) Acetophenone	8.53	105	1187628	41.356	ng	99
24) Nitrobenzene	8.92	77	1004313	42.782	ng	99
25) Isophorone	9.43	82	1789058	49.578	ng	100
26) 2-Nitrophenol	9.62	139	405121	43.335	ng	99
27) 2,4-Dimethylphenol	9.67	122	666487	48.812	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1024063	43.885	ng	100
29) 2,4-Dichlorophenol	10.14	162	688821	43.935	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	743725	41.076	ng	98
31) Naphthalene	10.54	128	2313867	45.369	ng	100
32) Benzoic acid	9.83	122	468060	39.297	ng	94
33) 4-Chloroaniline	10.67	127	1018878	44.692	ng	99
34) Hexachlorobutadiene	10.80	225	400639	38.121	ng	99
35) Caprolactam	11.48	113	242836m	37.952	ng	
36) 4-Chloro-3-methylphenol	11.79	107	833249	44.080	ng	100
37) 2-Methylnaphthalene	12.16	142	1707740	47.559	ng	100
38) 1-Methylnaphthalene	12.38	142	1618705	46.100	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	800694	40.330	ng	99

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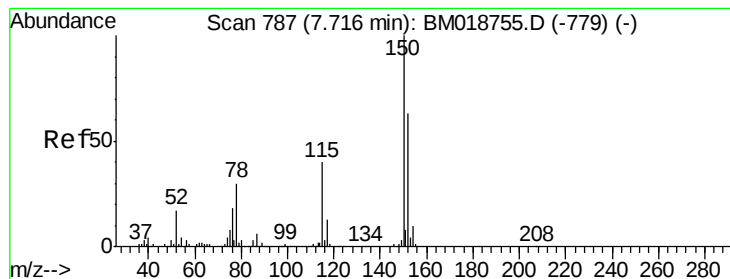
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	928807	91.502	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	564576	42.956	ng	100
44) 2,4,5-Trichlorophenol	12.85	196	602442	43.732	ng	97
46) 1,1'-Biphenyl	13.18	154	2170543	40.629	ng	99
47) 2-Chloronaphthalene	13.22	162	1703991	41.295	ng	99
48) 2-Nitroaniline	13.44	65	613176	44.743	ng	96
49) Acenaphthylene	14.07	152	2806631	45.679	ng	99
50) Dimethylphthalate	13.82	163	2175820	42.066	ng	100
51) 2,6-Dinitrotoluene	13.94	165	487773	43.533	ng	97
52) Acenaphthene	14.42	154	1595285	42.343	ng	100
53) 3-Nitroaniline	14.28	138	522738	41.291	ng	96
54) 2,4-Dinitrophenol	14.49	184	473644	67.584	ng	99
55) Dibenzofuran	14.76	168	2624960	42.390	ng	99
56) 4-Nitrophenol	14.59	139	834147	82.538	ng	99
57) 2,4-Dinitrotoluene	14.74	165	691937	44.821	ng	98
58) Fluorene	15.40	166	2150739	45.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	551896	45.324	ng	98
60) Diethylphthalate	15.19	149	2256349	42.289	ng	99
61) 4-Chlorophenyl-phenylether	15.40	204	1055999	39.757	ng	97
62) 4-Nitroaniline	15.45	138	507713	40.907	ng	98
63) Azobenzene	15.69	77	2453588	42.889	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	355696	35.823	ng	97
66) n-Nitrosodiphenylamine	15.62	169	1870941	41.874	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	625183	39.494	ng	98
68) Hexachlorobenzene	16.40	284	735450	39.971	ng	99
69) Atrazine	16.58	200	620770	43.096	ng	100
70) Pentachlorophenol	16.75	266	955333	80.639	ng	99
71) Phenanthrene	17.15	178	3400919	44.748	ng	100
72) Anthracene	17.24	178	3489312	47.169	ng	100
73) Carbazole	17.52	167	3177052	41.108	ng	100
74) Di-n-butylphthalate	18.07	149	3946361	44.399	ng	100
75) Fluoranthene	19.17	202	4023056	45.825	ng	98
77) Benzidine	19.37	184	3869262	109.266	ng	100
78) Pyrene	19.53	202	4154151	45.490	ng	100
80) Butylbenzylphthalate	20.44	149	1940249	46.620	ng	100
81) Benzo(a)anthracene	21.29	228	4169663	45.493	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	1546714	42.699	ng	100
83) Chrysene	21.34	228	3863580	43.979	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	2819086	46.280	ng	99
85) Di-n-octyl phthalate	22.09	149	4874479	47.613	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	4055860	39.988	ng	99
88) Benzo(b)fluoranthene	22.88	252	3991571	47.122	ng	99
89) Benzo(k)fluoranthene	22.92	252	4060755	48.153	ng	99
90) Benzo(a)pyrene	23.46	252	3778310	47.085	ng	99
91) Dibenzo(a,h)anthracene	25.86	278	3502159	44.052	ng	99
92) Benzo(g,h,i)perylene	26.54	276	3230308	43.645	ng	99

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



#1

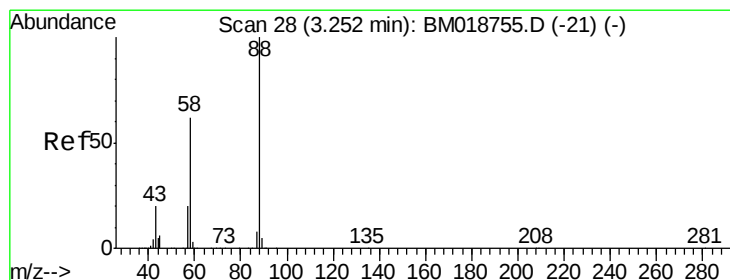
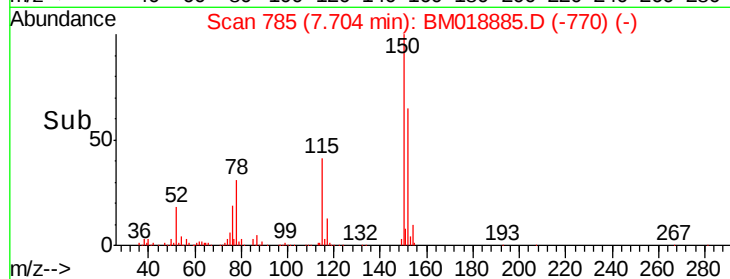
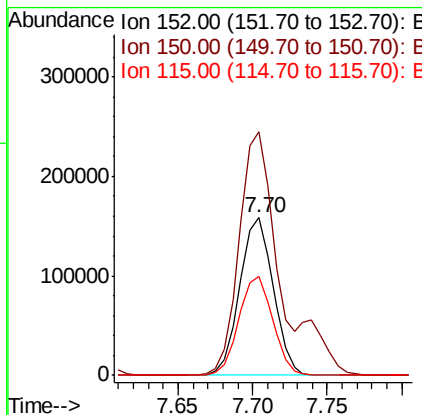
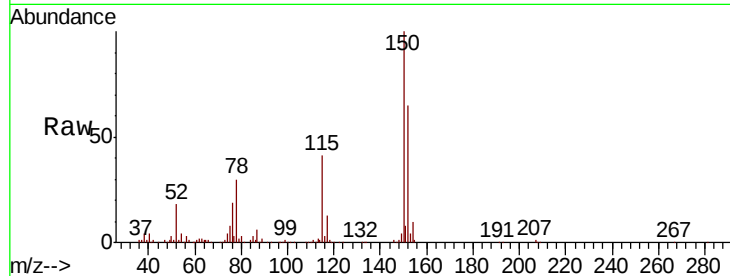
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.3	190.9
115	63.1	50.8	76.2

Manual Integrations
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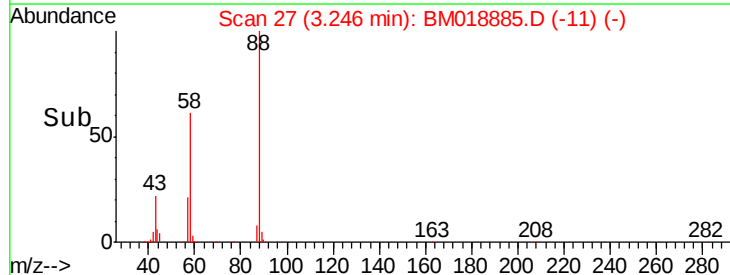
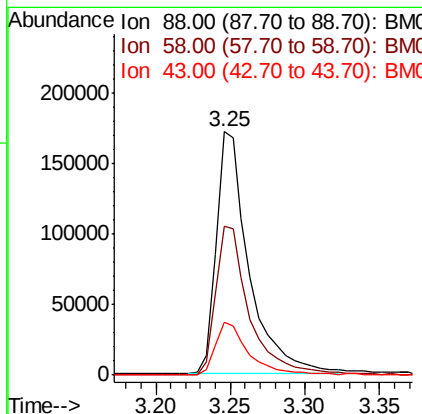
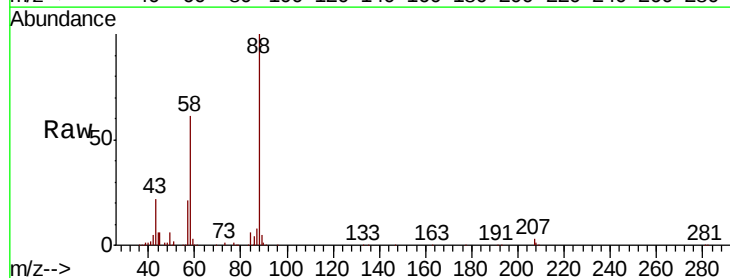
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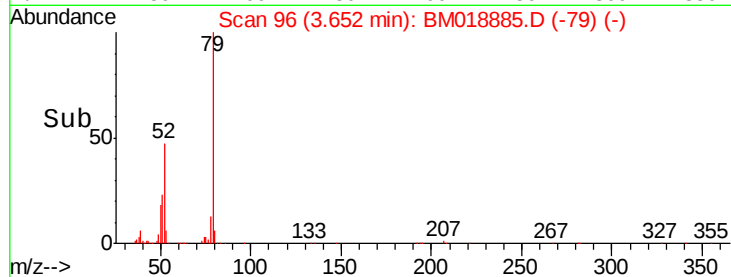
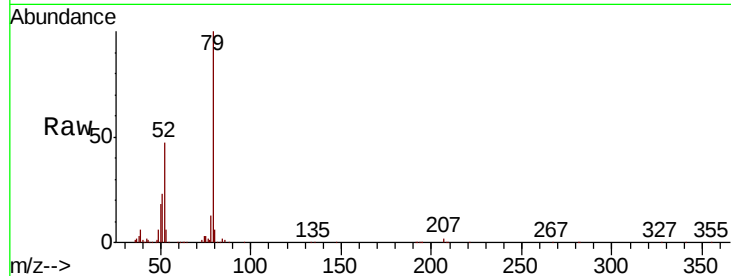
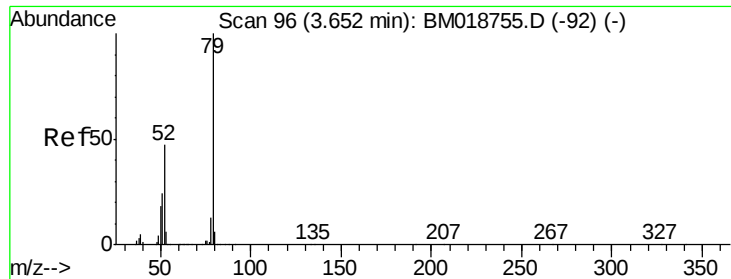


#2

1,4-Dioxane
Concen: 40.065 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.0	49.8	74.6
43	21.6	16.7	25.1





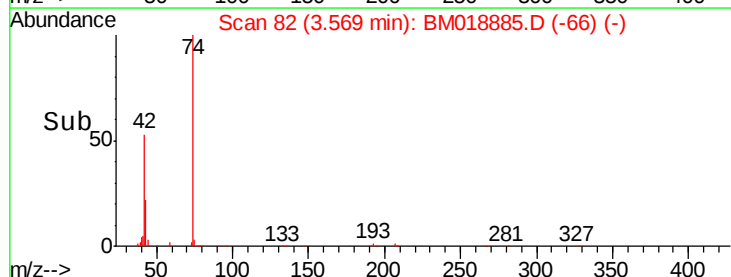
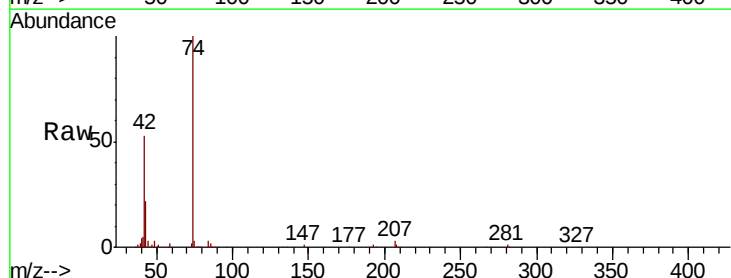
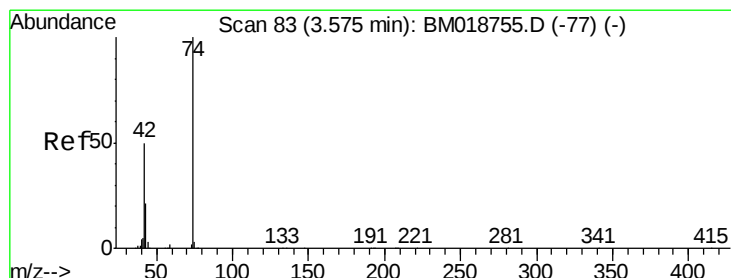
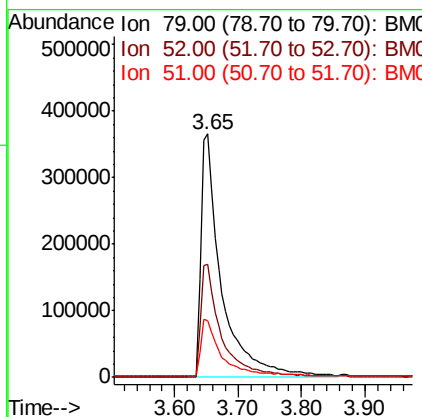
#3
 Pvridine
 Concen: 45.935 ng
 RT: 3.65 min Scan# 96
 Delta R.T. -0.00 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tot Ion:	79	Resp:	822663
Ion	Ratio	Lower	Upper
79	100		
52	46.5	37.6	56.4
51	23.5	19.7	29.5

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

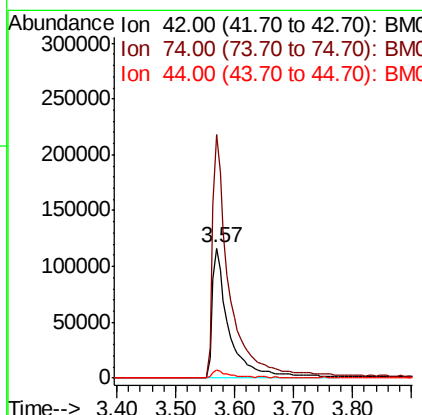
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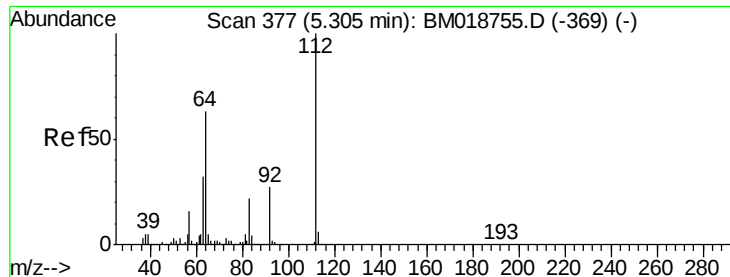
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#4
 n-Nitrosodimethylamine
 Concen: 51.951 ng
 RT: 3.57 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion:	42	Resp:	236690
Ion	Ratio	Lower	Upper
42	100		
74	187.6	158.1	237.1
44	6.3	4.9	7.3





#5

2-Fluorophenol

Concen: 80.042 ng

RT: 5.29 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampled :

PB117235BSD

Tot Ion:112 Resp: 1206606

Ion Ratio Lower Upper

112 100

64 64.5 50.6 75.8

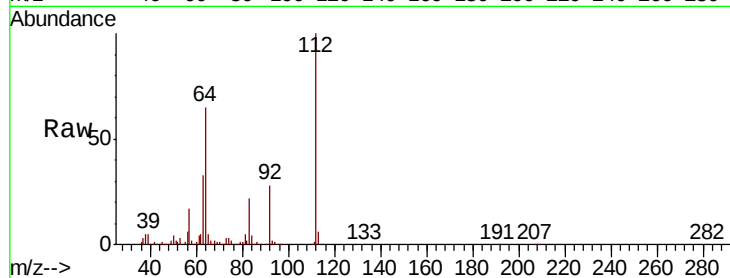
63 33.1 25.7 38.5

Manual Integrations

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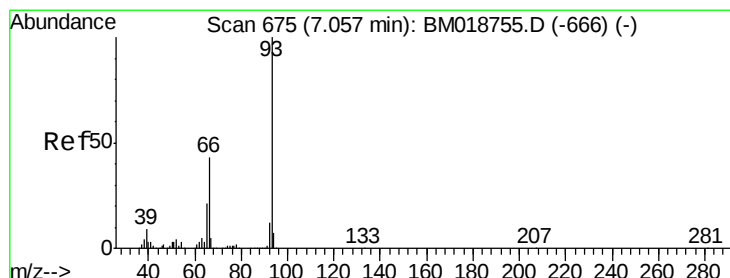
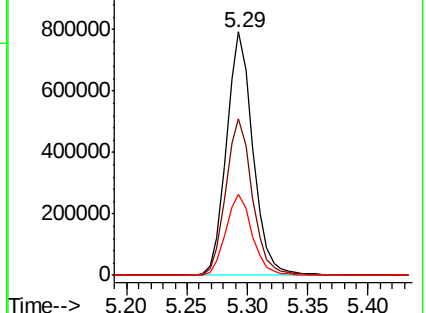
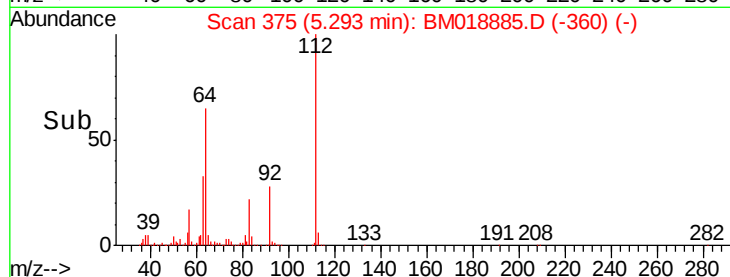
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 45.862 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

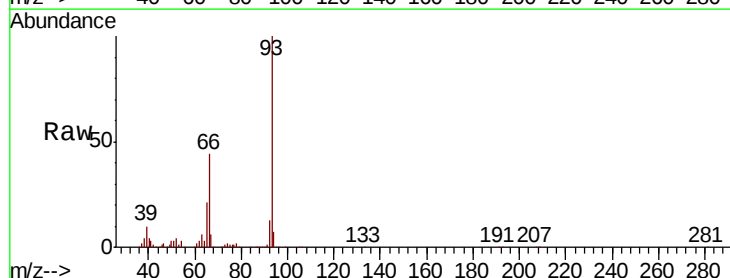
Tgt Ion: 93 Resp: 1193327

Ion Ratio Lower Upper

93 100

66 43.6 34.1 51.1

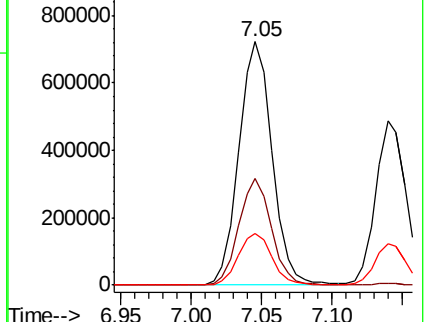
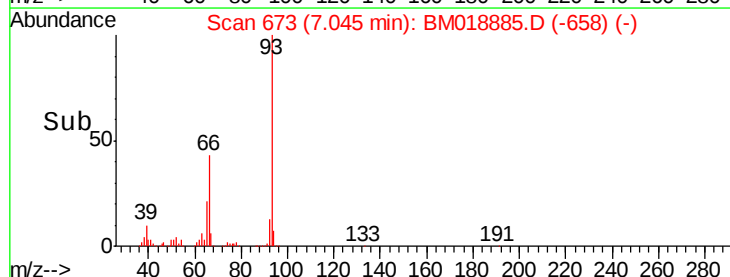
65 21.2 16.6 24.8

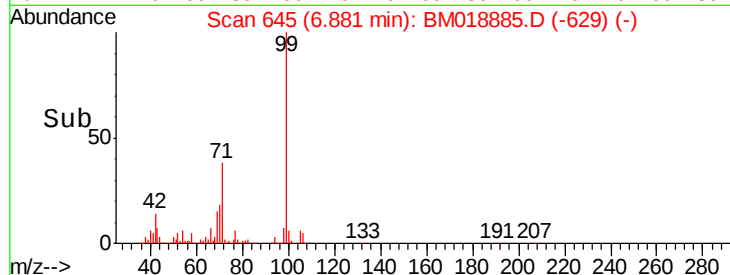
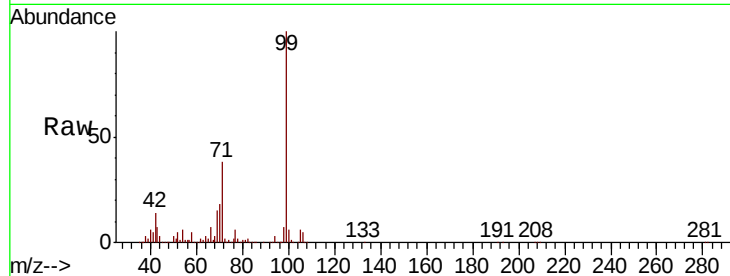
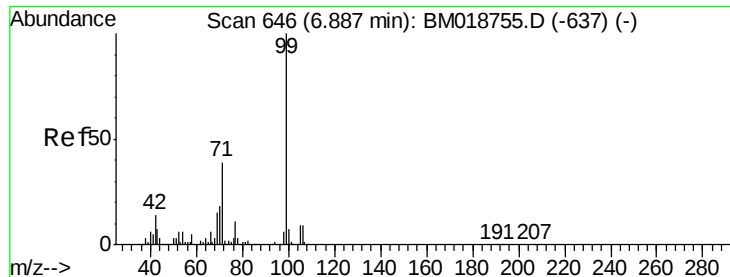


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 82.468 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tot Ion:	99	Resp:	1751335
Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.0	16.6
71	38.4	31.3	46.9

Instrument :

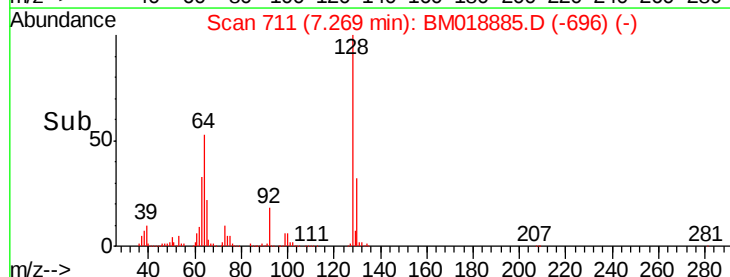
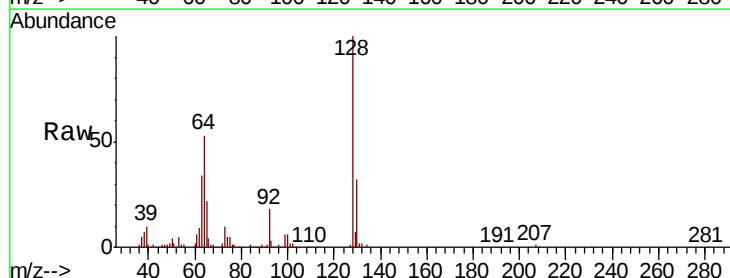
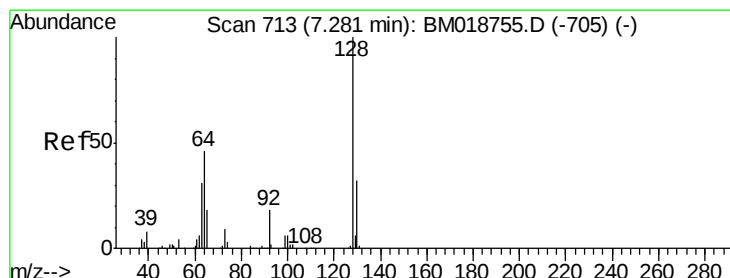
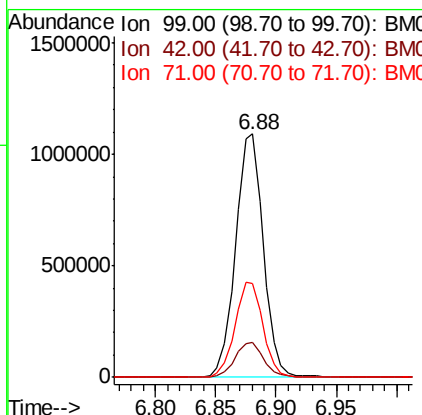
BNA_M

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#8

2-Chlorophenol

Concen: 43.945 ng

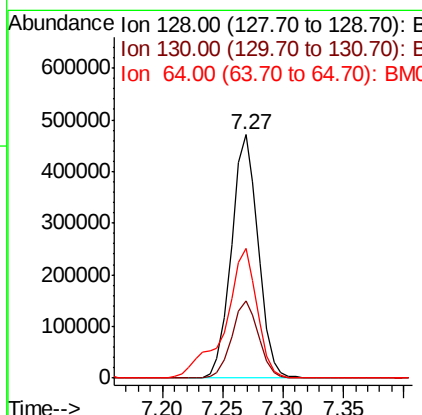
RT: 7.27 min Scan# 711

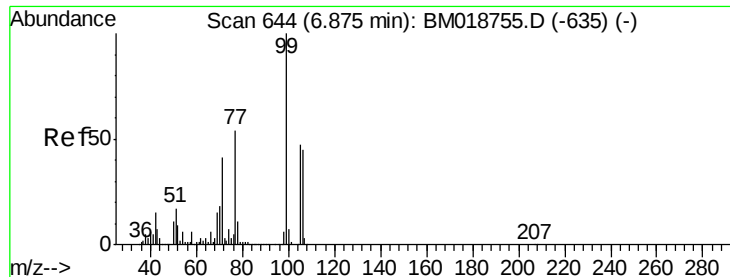
Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:	128	Resp:	727310
Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.7	51.7
64	53.0	31.0	71.0





#9

Benzaldehyde

Concen: 40.047 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

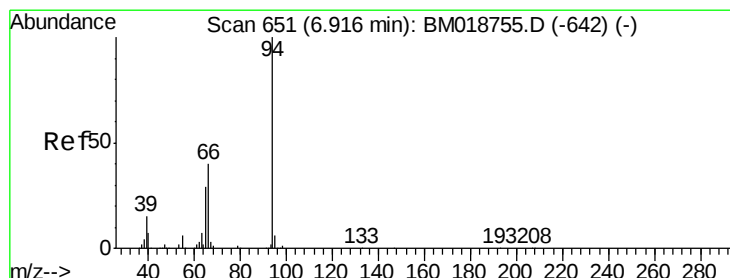
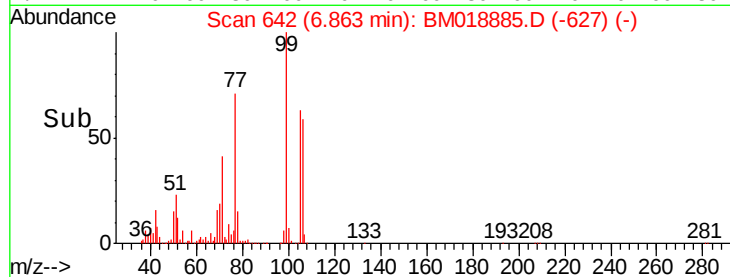
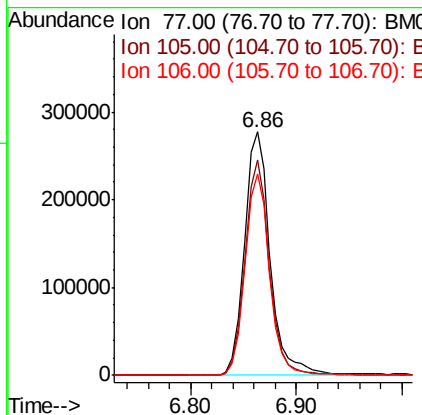
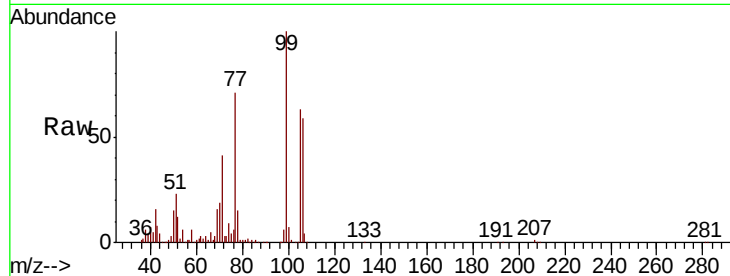
ClientSampleId :

PB117235BSD

Tot Ion:	77	Resp:	464620
Ion	Ratio	Lower	Upper
77	100		
105	88.6	67.3	107.3
106	82.9	62.9	102.9

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#10

Phenol

Concen: 44.223 ng

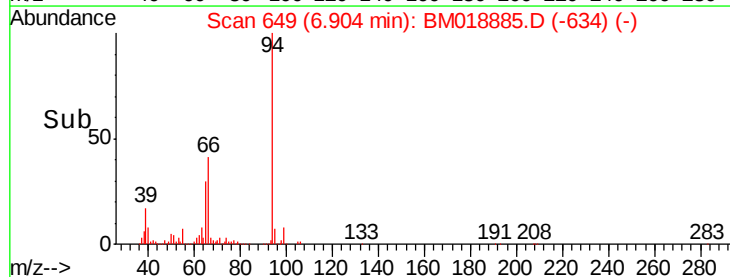
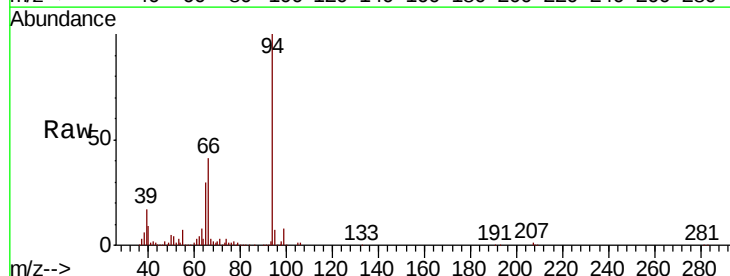
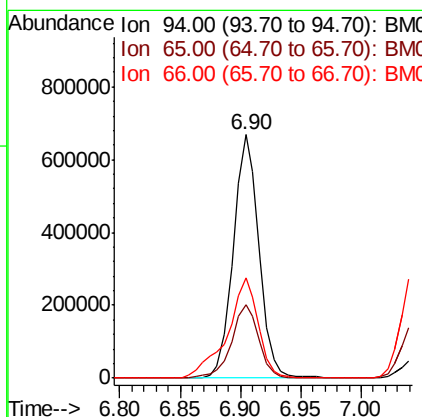
RT: 6.90 min Scan# 649

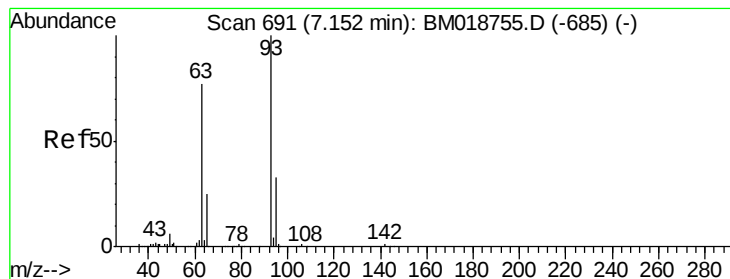
Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:	94	Resp:	988154
Ion	Ratio	Lower	Upper
94	100		
65	29.9	9.6	49.6
66	40.9	20.4	60.4





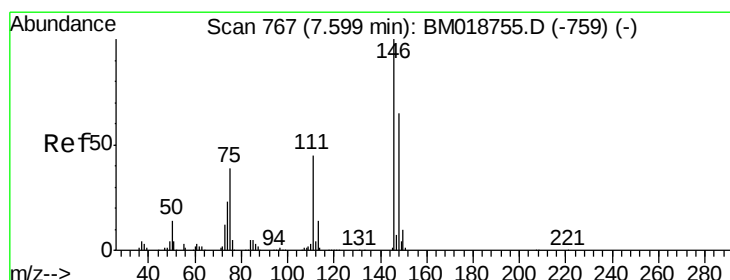
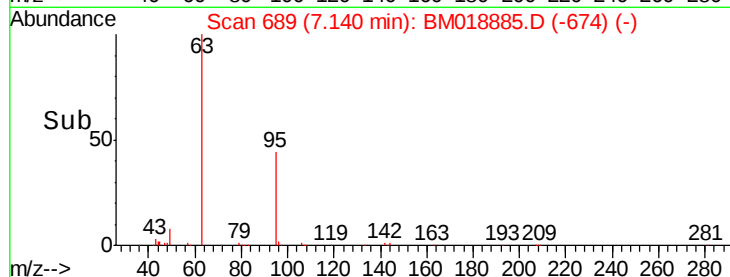
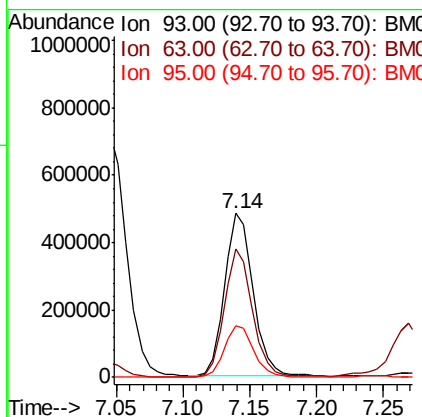
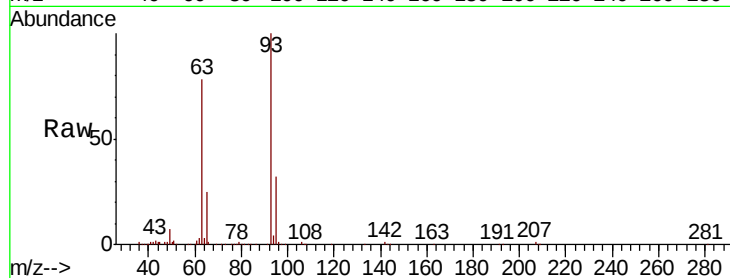
#11
bis(2-Chloroethyl)ether
Concen: 42.262 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	78.2	57.0	97.0	
95	31.5	12.4	52.4	

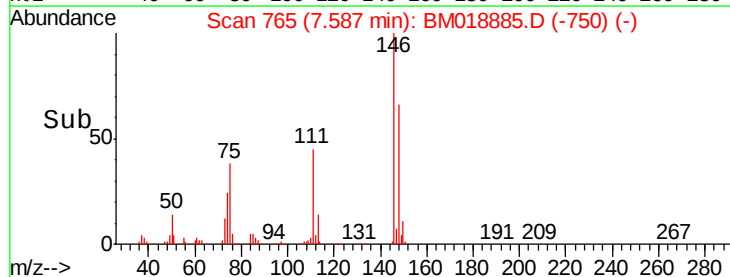
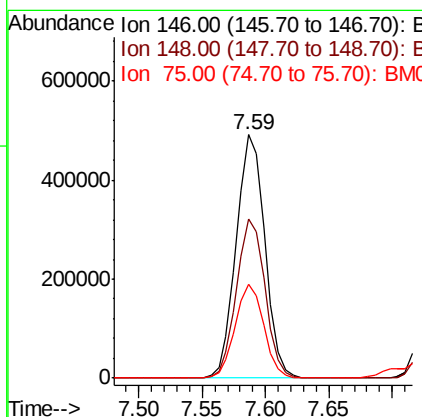
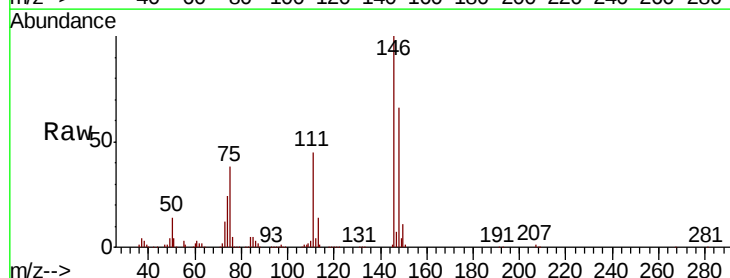
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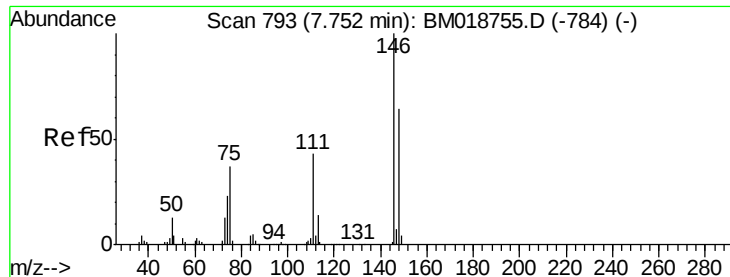
Sohil
2/21/2019 10:08:50 AM



#12
1,3-Dichlorobenzene
Concen: 41.291 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.6	51.7	77.5	
75	38.4	31.3	46.9	





#13

1,4-Dichlorobenzene

Concen: 41.798 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

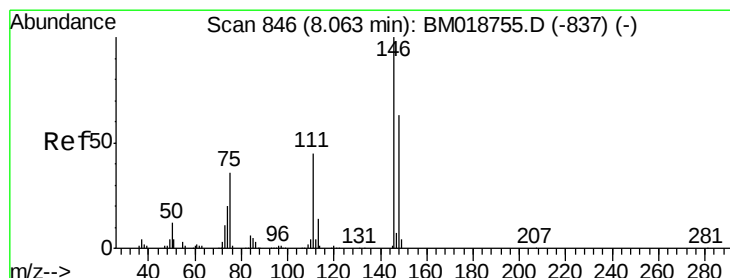
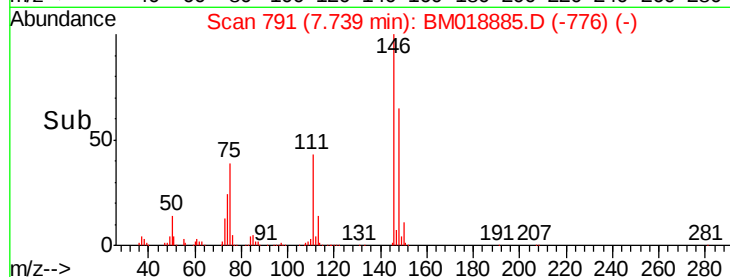
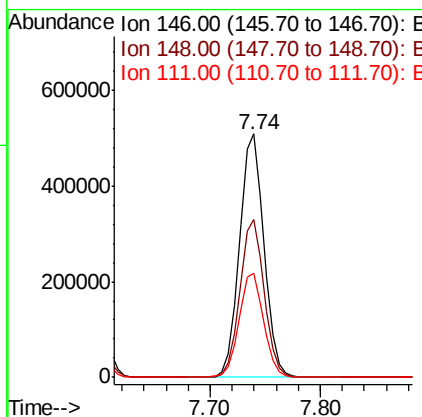
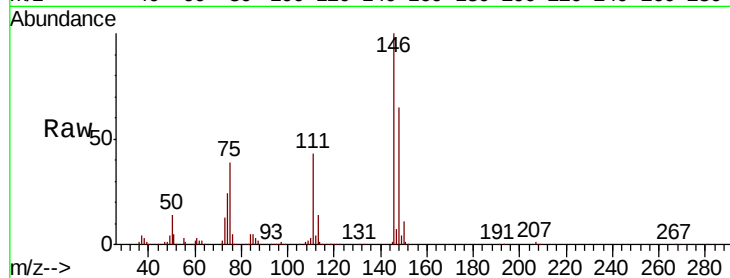
ClientSampleId :

PB117235BSD

Tot Ion:	146	Resp:	791913
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.4	77.2
111	42.8	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 42.165 ng

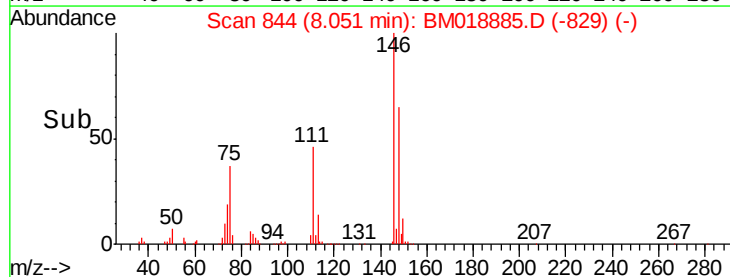
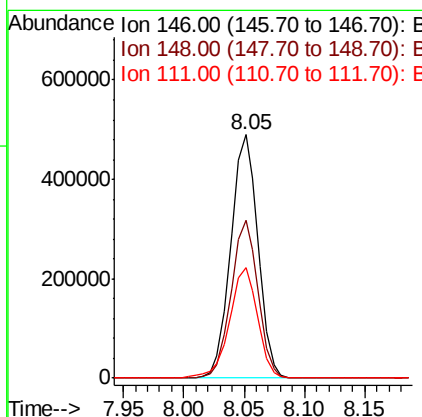
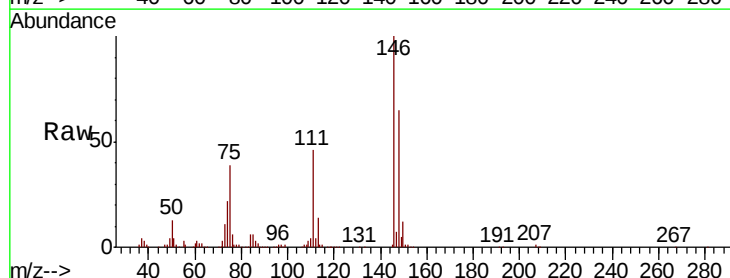
RT: 8.05 min Scan# 844

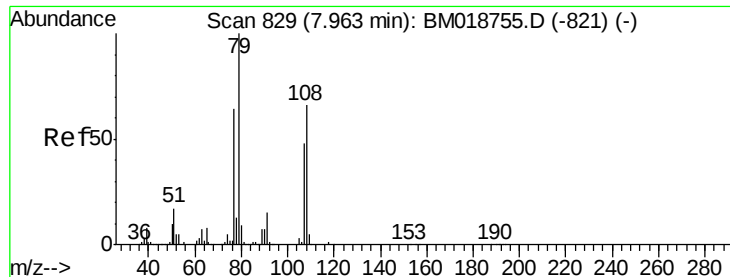
Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:	146	Resp:	767357
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.7	76.1
111	45.5	35.9	53.9





#15

Benzyl Alcohol

Concen: 44.361 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

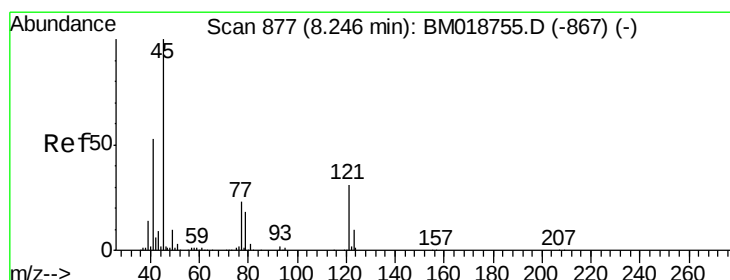
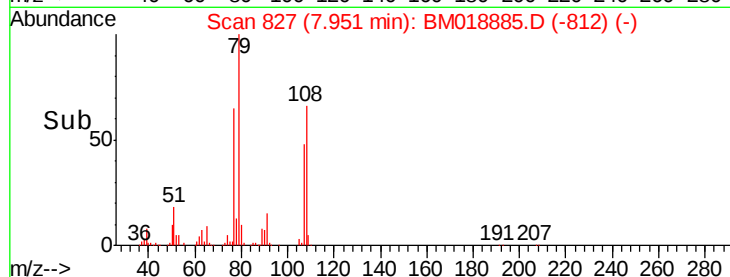
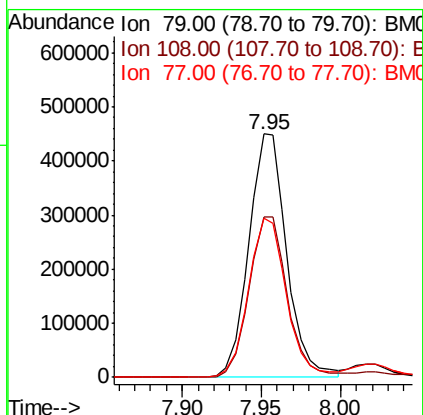
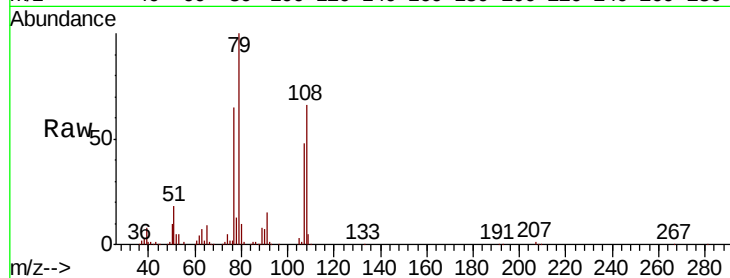
ClientSampleId :

PB117235BSD

Tot Ion:	79	Resp:	748548
Ion Ratio	Lower	Upper	
79	100		
108	65.8	52.7	79.1
77	65.2	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.735 ng

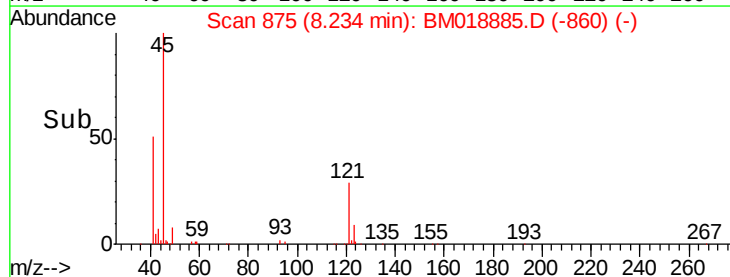
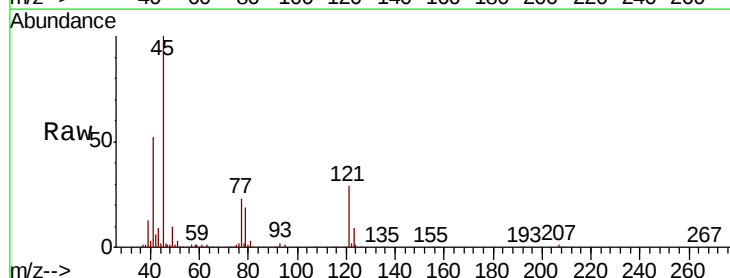
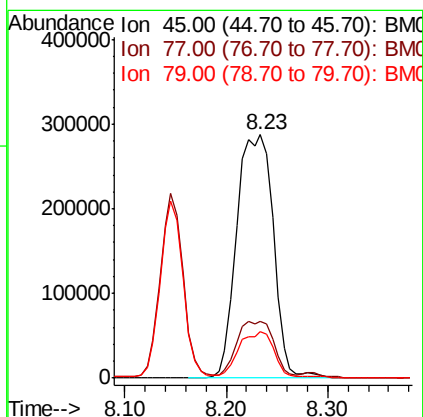
RT: 8.23 min Scan# 875

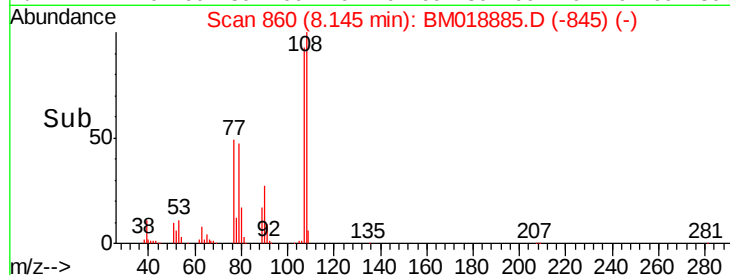
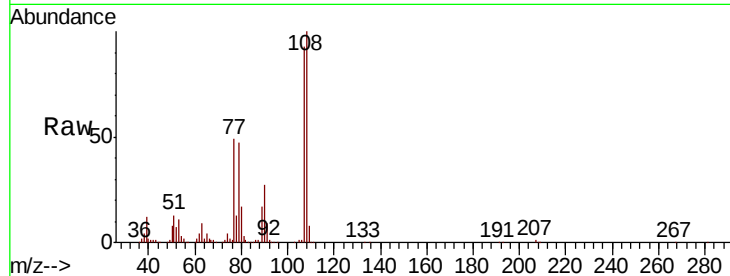
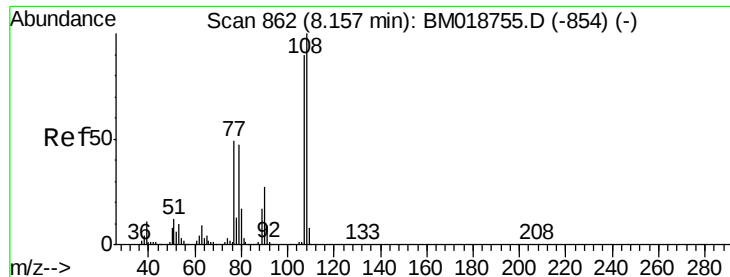
Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

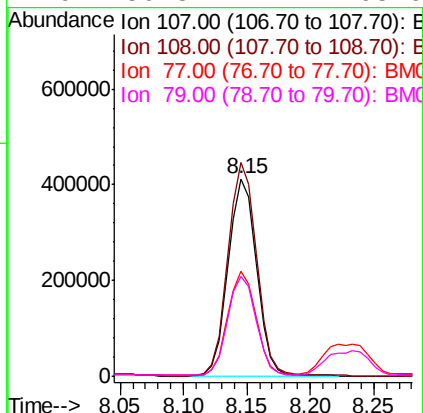
Tgt Ion:	45	Resp:	721516
Ion Ratio	Lower	Upper	
45	100		
77	23.4	5.0	45.0
79	18.9	0.0	39.3





#17
2-Methylphenol
Concen: 44.733 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

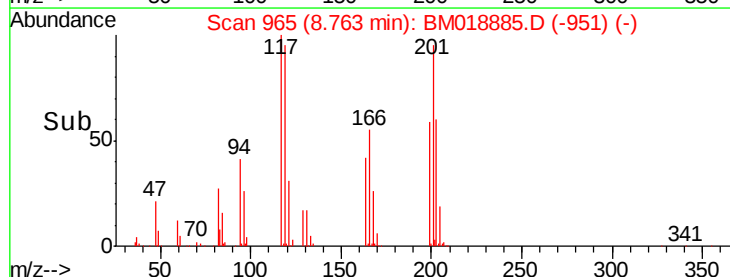
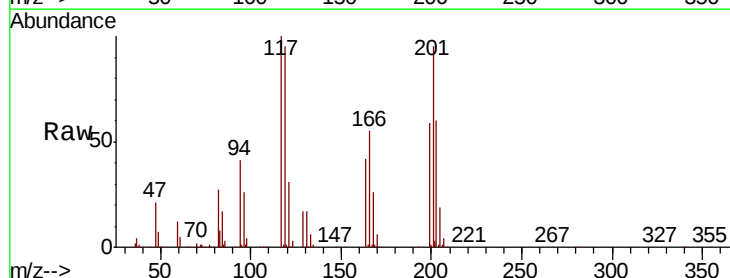
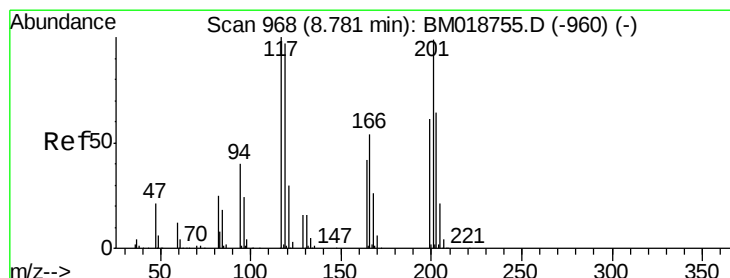
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.0	88.8	133.2	
77	52.8	44.0	66.0	
79	50.8	42.4	63.6	



Instrument :
BNA_M
ClientSampleId :
PB117235BSD

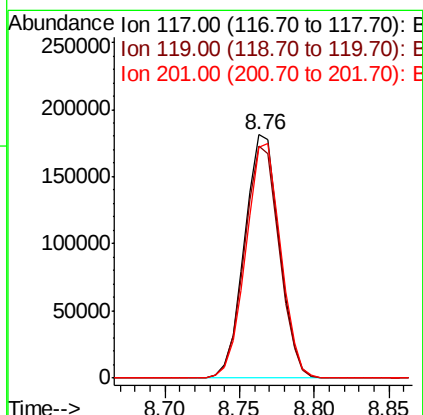
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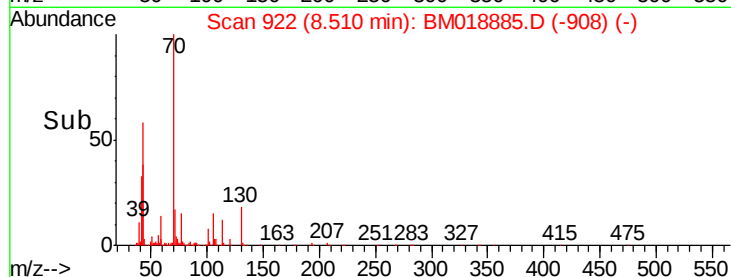
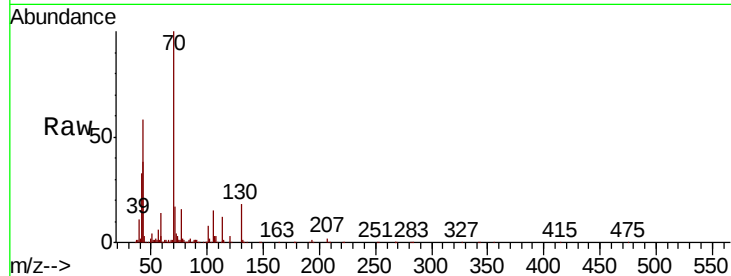
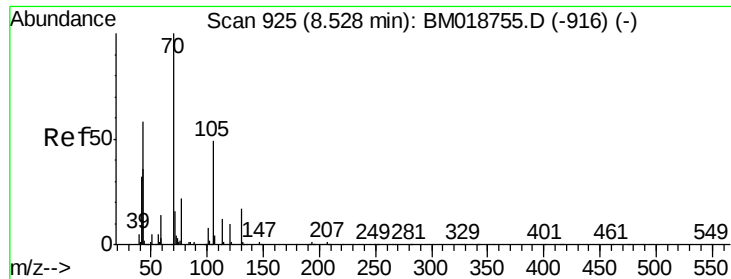
Sohil
2/21/2019 10:08:50 AM



#18
Hexachloroethane
Concen: 42.264 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.3	77.9	116.9	
201	94.6	79.2	118.8	





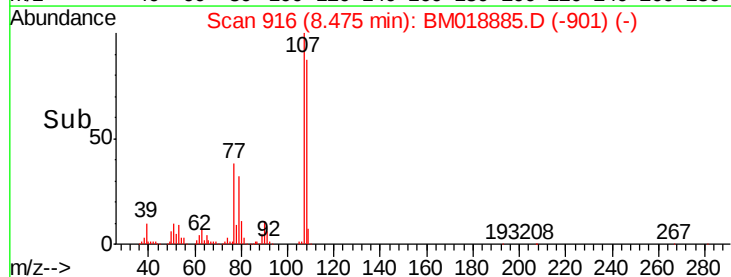
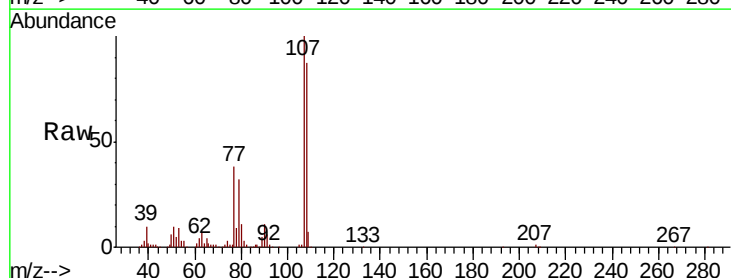
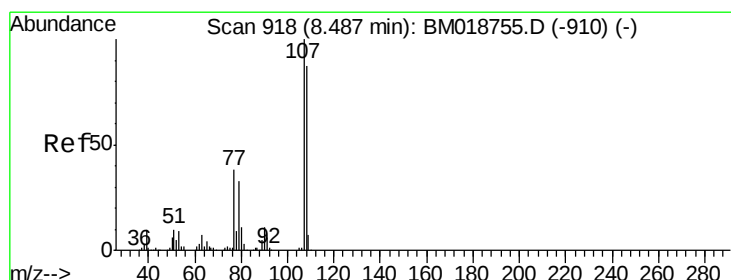
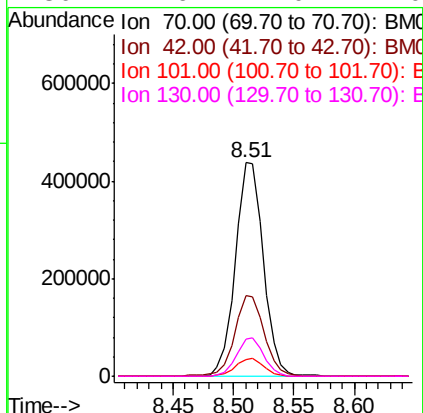
#19
n-Nitroso-di-n-propylamine
Concen: 43.211 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Manual Integrations
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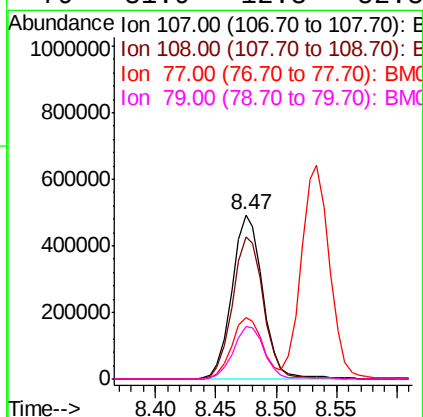
Sohil
2/21/2019 10:08:50 AM

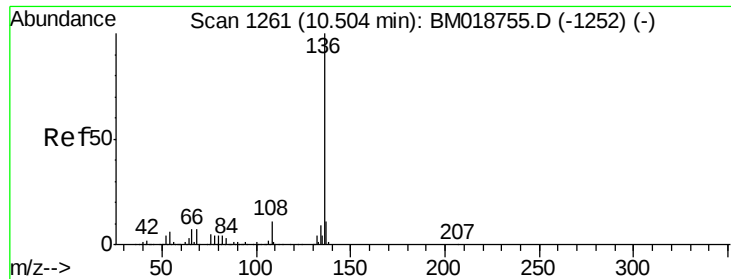
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	38.0	29.4	44.0	
101	8.1	6.7	10.1	
130	17.6	14.0	21.0	



#20
3+4-Methylphenols
Concen: 44.695 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.8	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# 1259

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

Tot Ion:136 Resp: 1045718

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

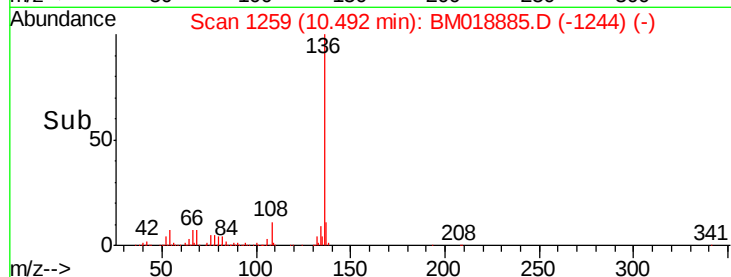
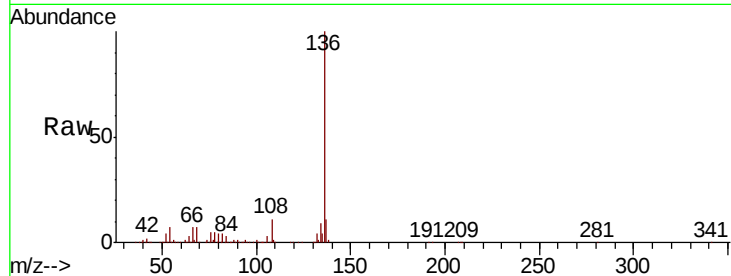
54 6.7 5.0 7.6

68 7.5 5.5 8.3

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Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM

Time-->

10.49

600000

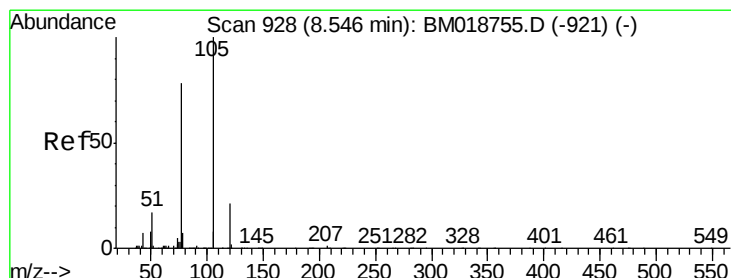
400000

200000

0

10.40

10.50



#22

Acetophenone

Concen: 41.356 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:105 Resp: 1187628

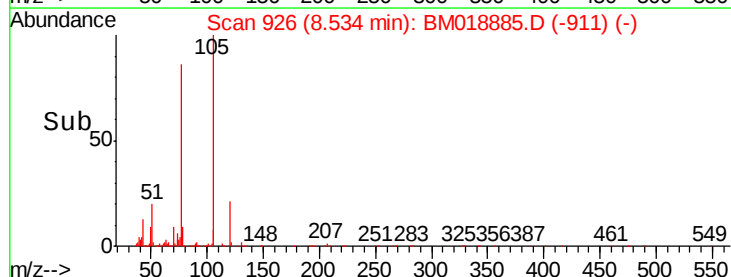
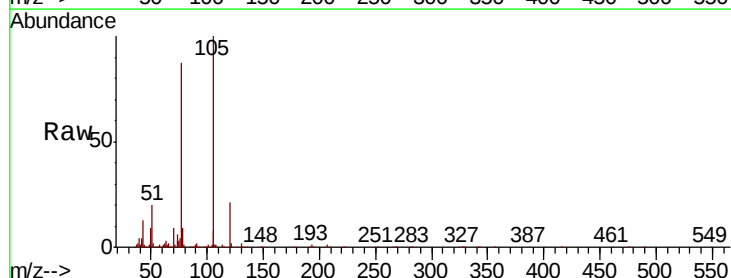
Ion Ratio Lower Upper

105 100

71 1.5 1.1 1.7

51 19.7 15.5 23.3

120 20.9 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

Time-->

8.53

800000

600000

400000

200000

0

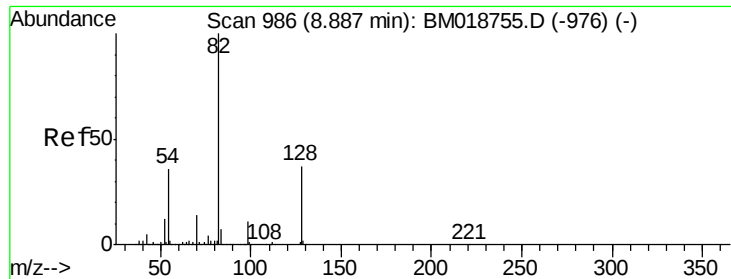
8.45

8.50

8.55

8.60

8.65



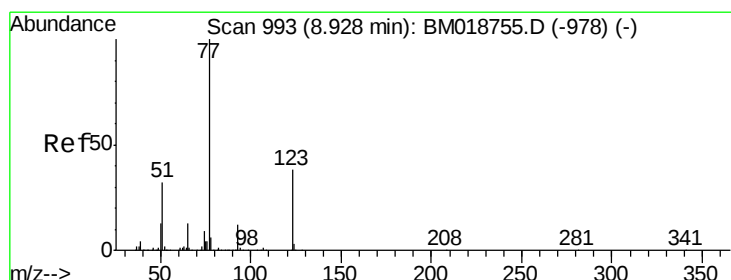
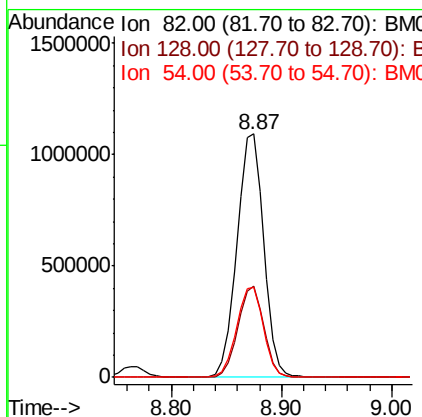
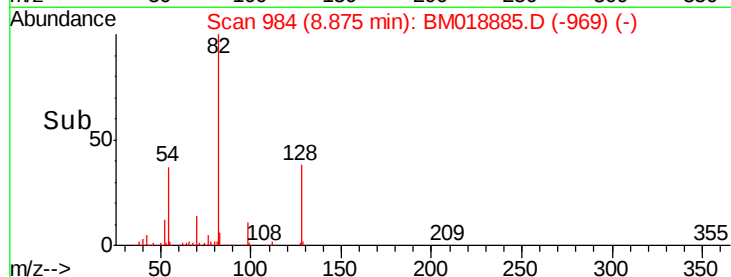
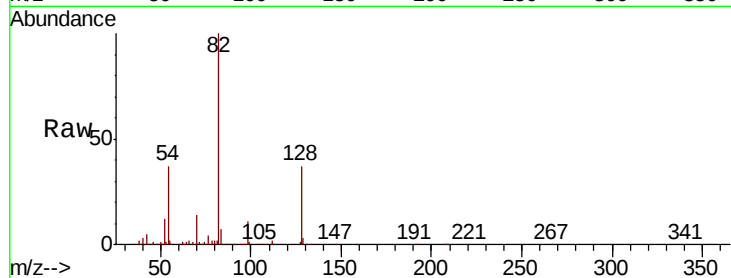
#23
Nitrobenzene-d5
Concen: 82.598 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.9	44.9
54	36.8	29.1	43.7

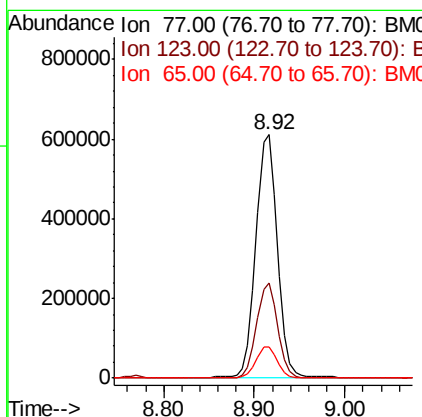
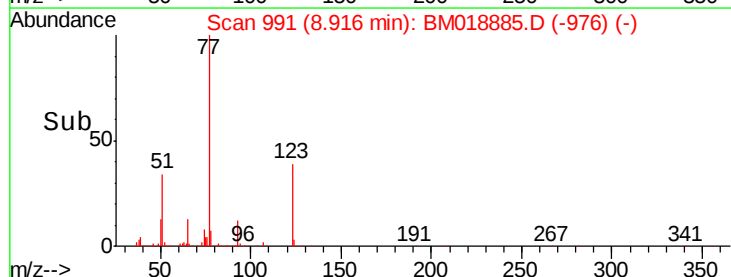
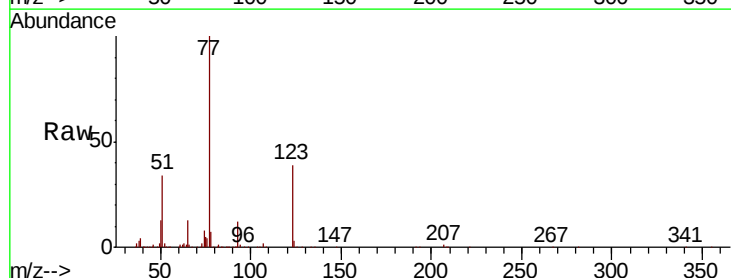
Manual Integrations
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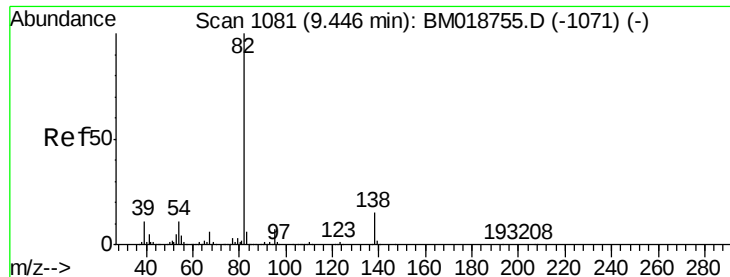
Sohil
2/21/2019 10:08:50 AM



#24
Nitrobenzene
Concen: 42.782 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	30.7	46.1
65	12.9	10.5	15.7





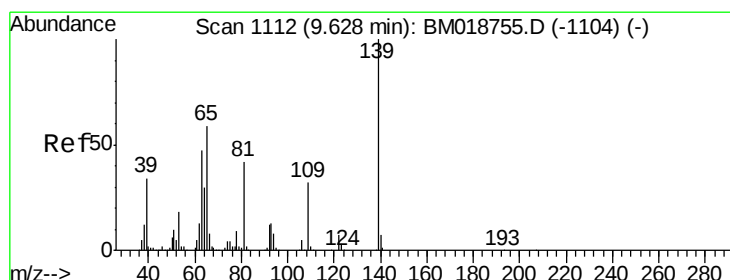
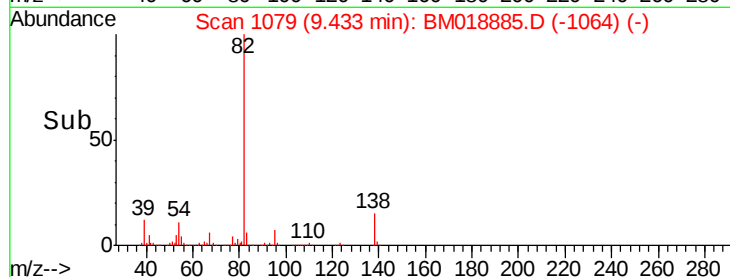
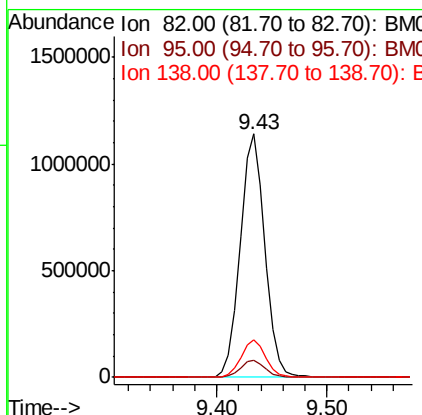
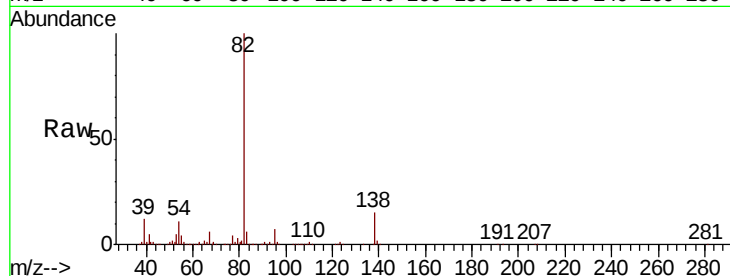
#25
Isophorone
Concen: 49.578 ng
RT: 9.43 min Scan# 1079
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.7	8.5
138	15.4	12.3	18.5

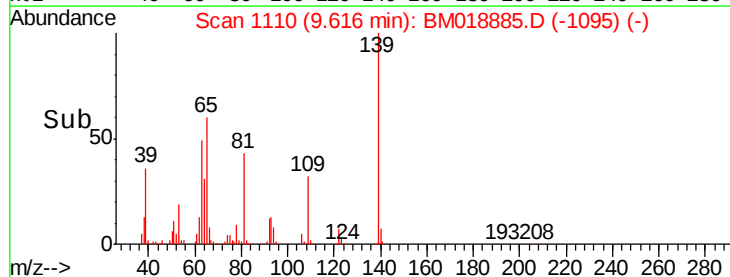
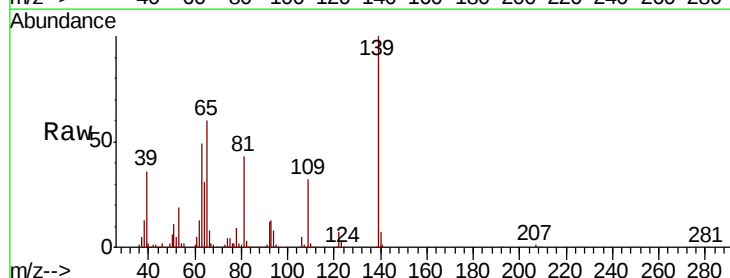
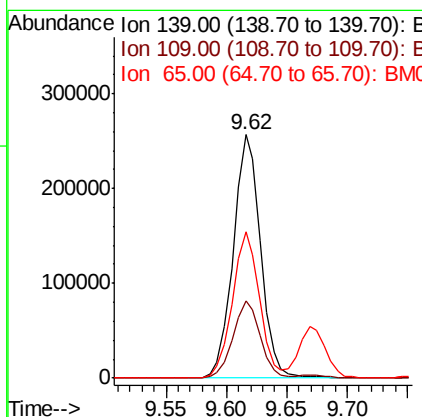
Manual Integrations
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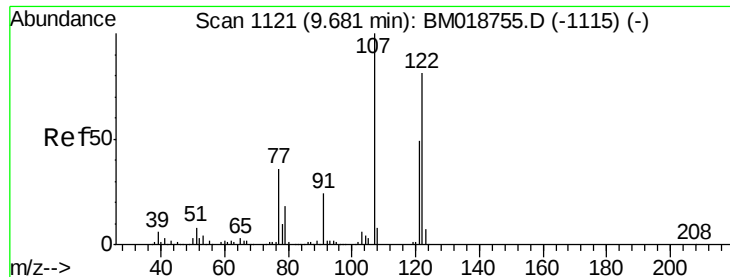
Sohil
2/21/2019 10:08:50 AM



#26
2-Nitrophenol
Concen: 43.335 ng
RT: 9.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.7	25.2	37.8
65	59.9	47.0	70.4





#27

2,4-Dimethylphenol

Concen: 48.812 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

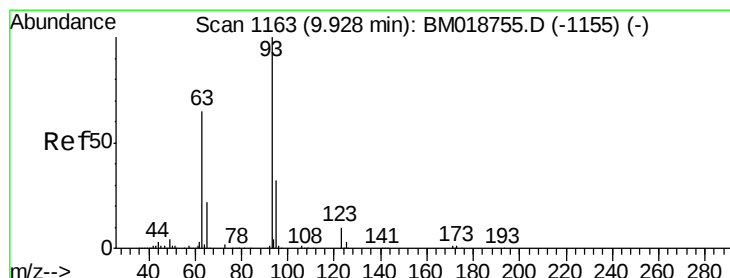
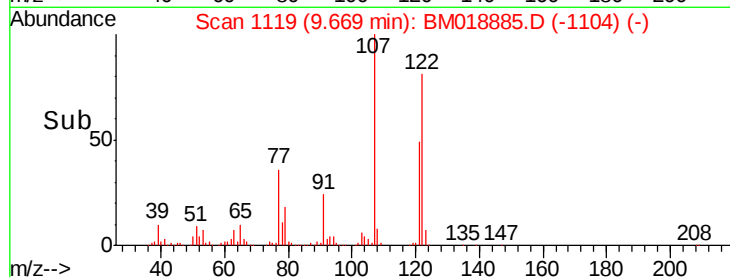
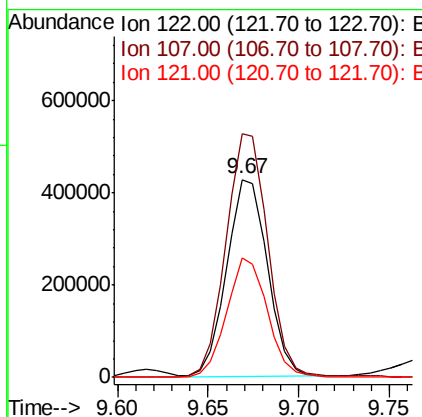
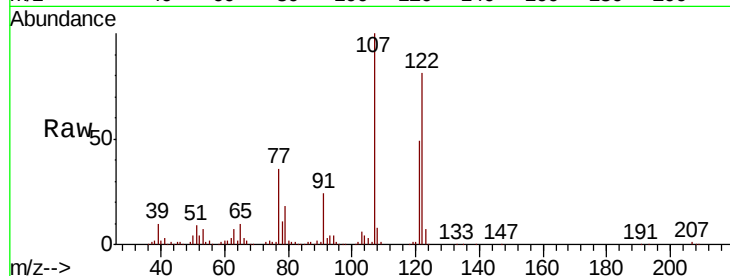
ClientSampleId :

PB117235BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.1	97.6	146.4
121	60.1	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 43.885 ng

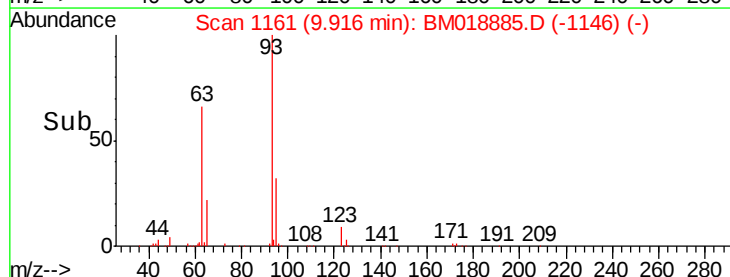
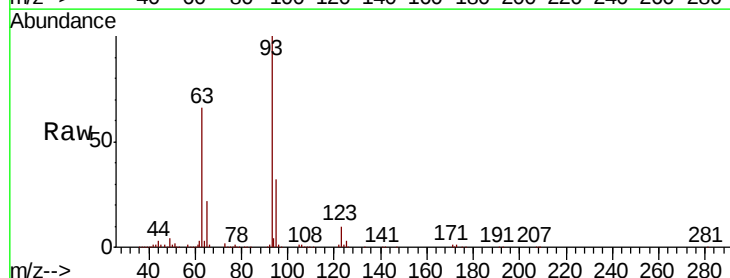
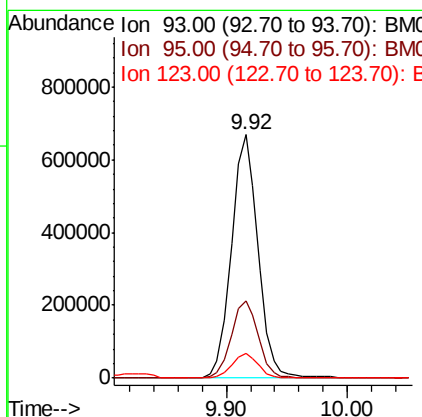
RT: 9.92 min Scan# 1161

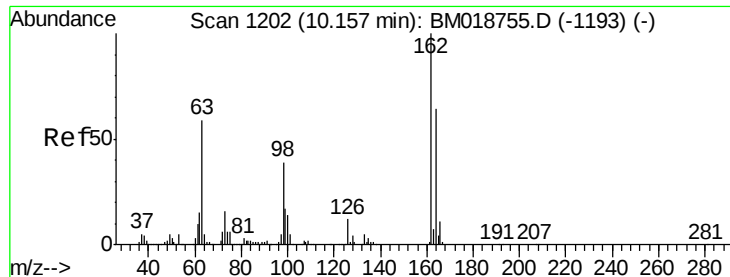
Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	25.6	38.4
123	10.4	8.2	12.4





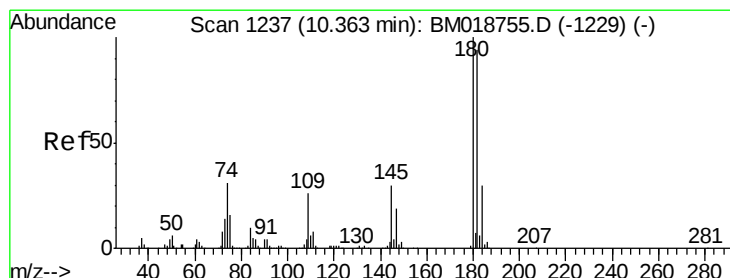
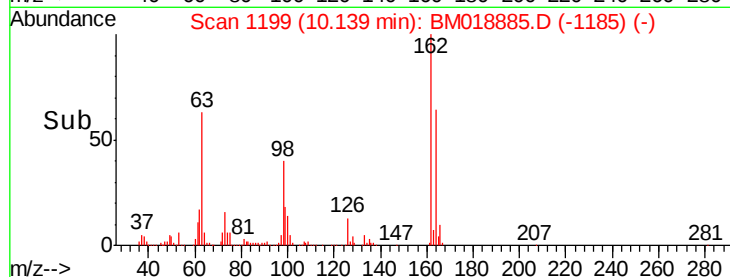
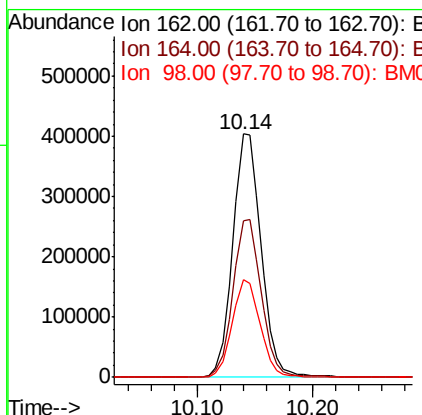
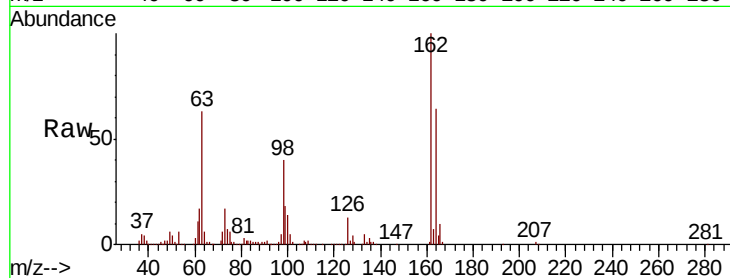
#29
2,4-Dichlorophenol
Concen: 43.935 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampled :
PB117235BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	44.1	84.1
98	40.1	19.4	59.4

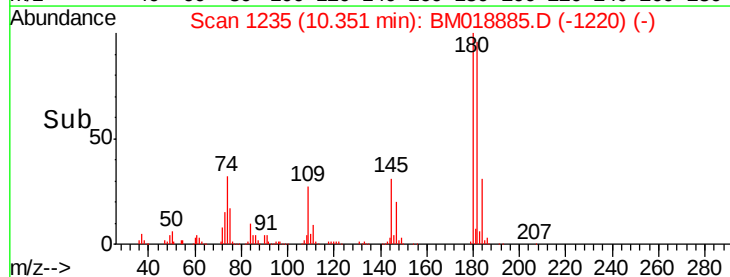
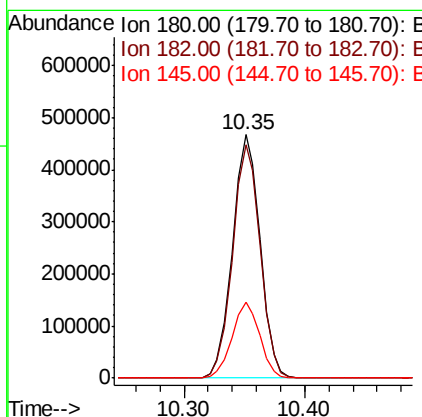
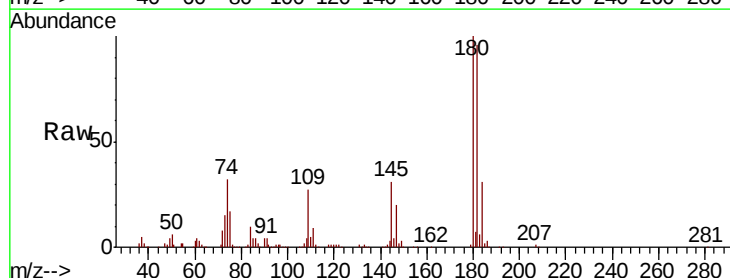
Manual Integrations
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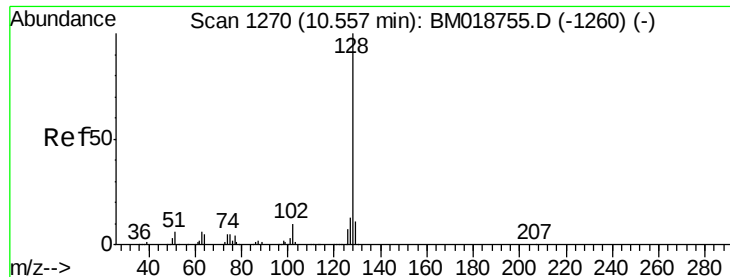
Sohil
2/21/2019 10:08:50 AM



#30
1,2,4-Trichlorobenzene
Concen: 41.076 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	75.0	112.6
145	31.2	24.1	36.1





#31

Naphthalene

Concen: 45.369 ng

RT: 10.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

Tot Ion:128 Resp: 2313867

Ion Ratio Lower Upper

128 100

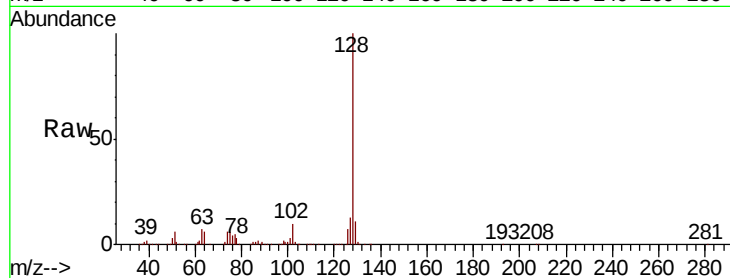
129 11.0 9.0 13.4

127 13.4 10.7 16.1

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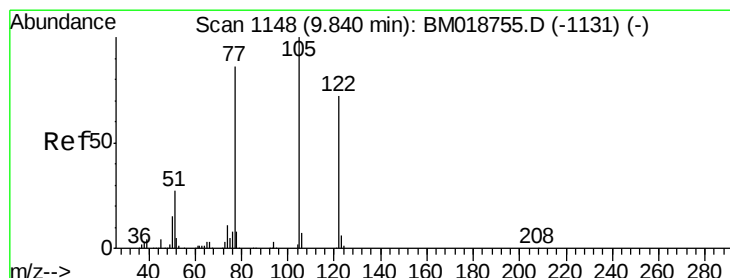
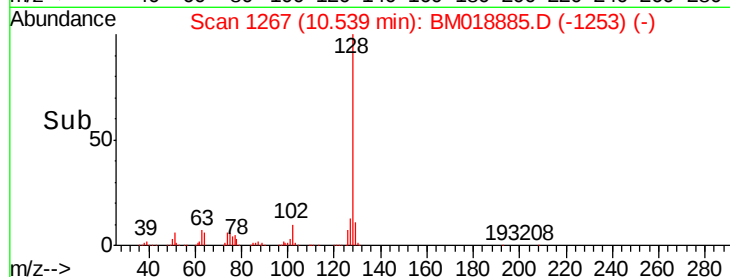
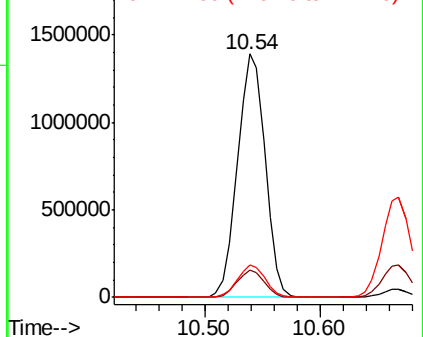


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.297 ng

RT: 9.83 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

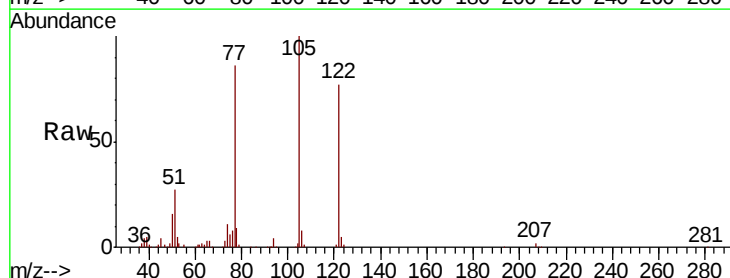
Tgt Ion:122 Resp: 468060

Ion Ratio Lower Upper

122 100

105 129.8 117.5 157.5

77 111.4 98.5 138.5

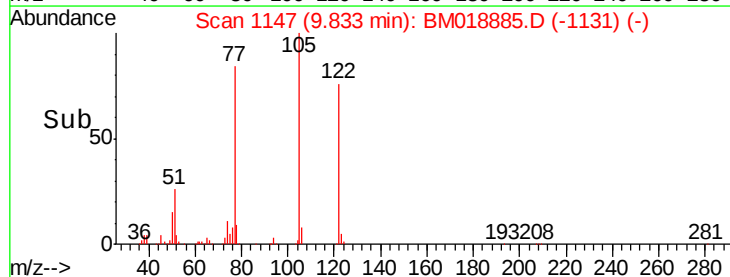
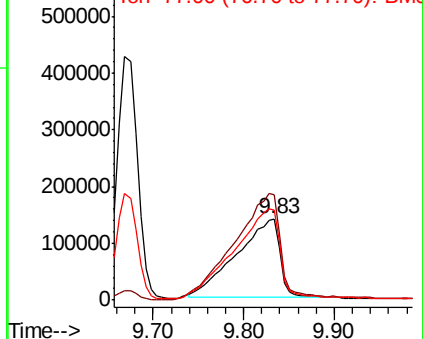


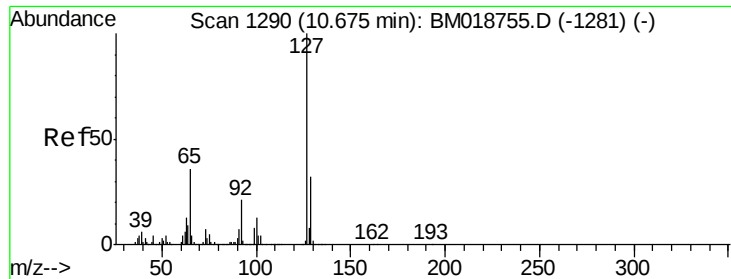
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





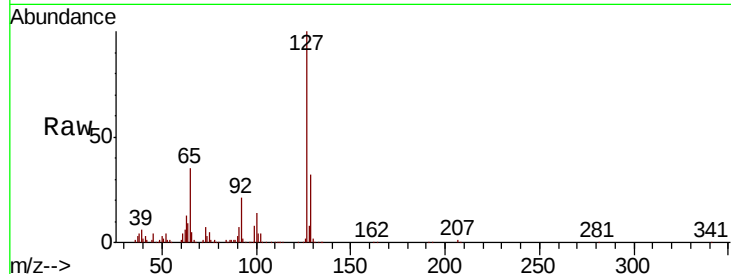
#33
4-Chloroaniline
Concen: 44.692 ng
RT: 10.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	31.7	25.7	38.5	
65	35.1	28.7	43.1	
92	21.4	17.0	25.4	

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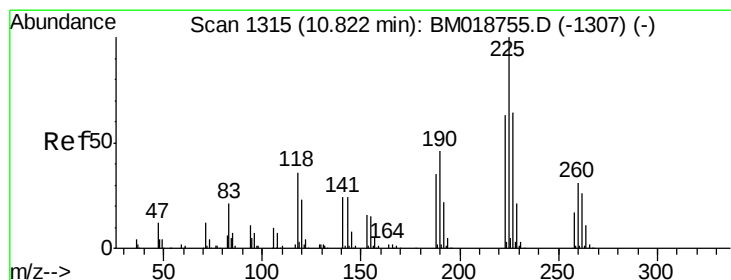
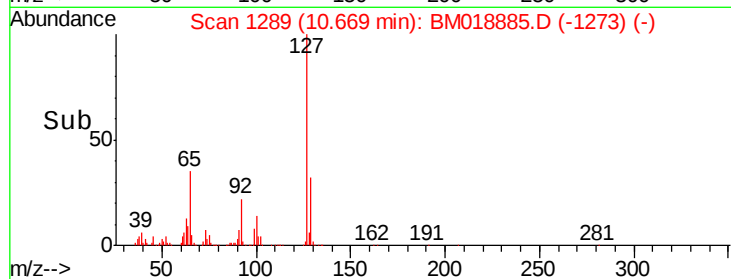
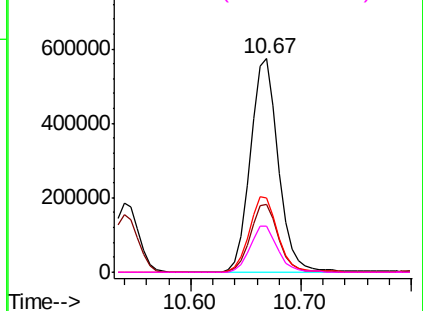
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.121 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

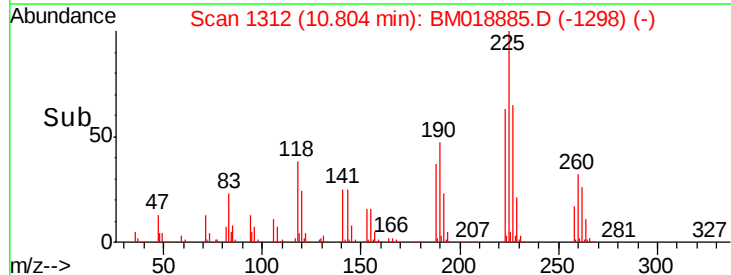
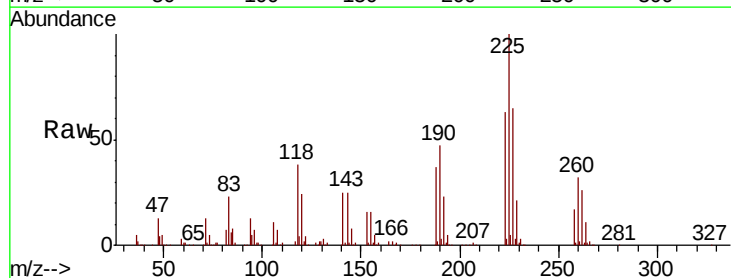
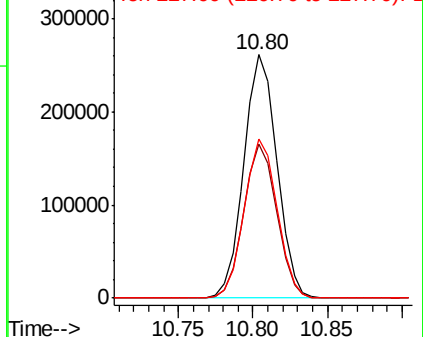
Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	63.0	50.1	75.1	
227	65.2	51.4	77.0	

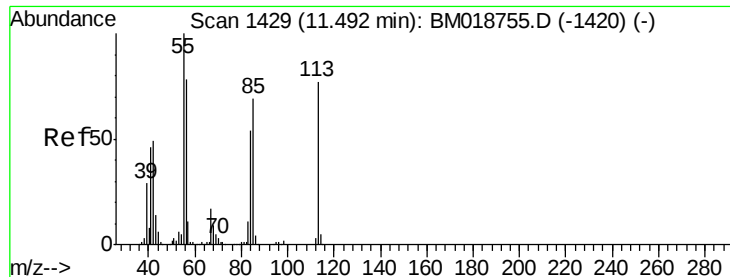
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 37.952 ng/mL

RT: 11.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

PB117235BSD

Tot Ion:113 Resp: 242836

Ion Ratio Lower Upper

113 100

55 135.4 110.7 150.7

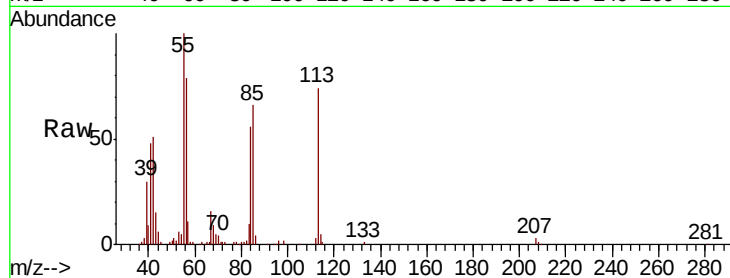
56 106.4 82.4 122.4

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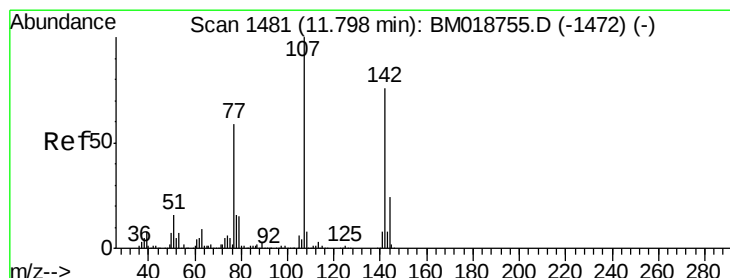
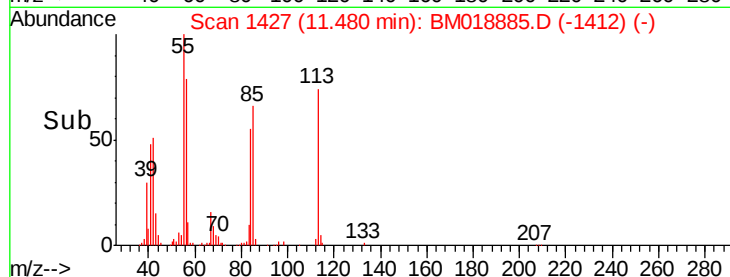
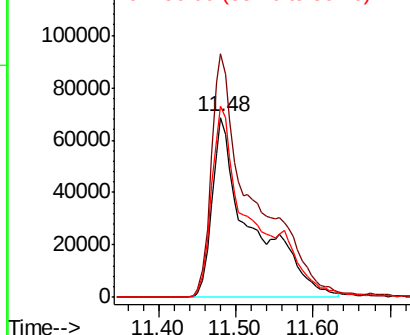


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 44.080 ng/mL

RT: 11.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

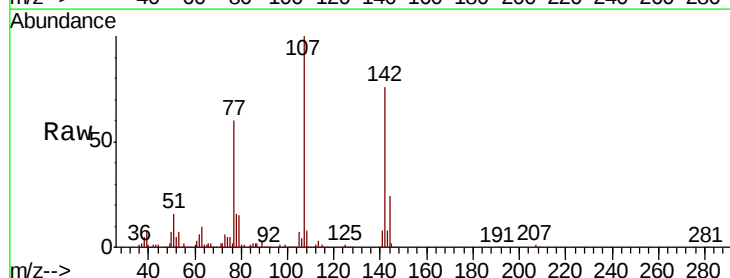
Tgt Ion:107 Resp: 833249

Ion Ratio Lower Upper

107 100

144 24.2 19.3 28.9

142 75.6 60.5 90.7

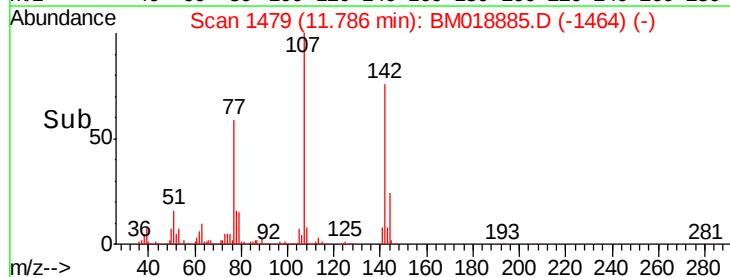
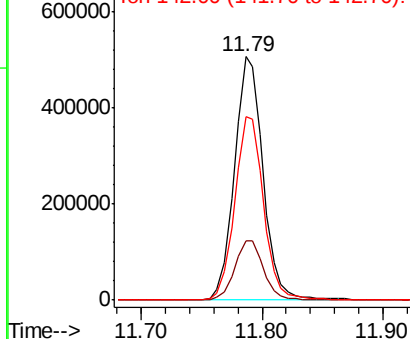


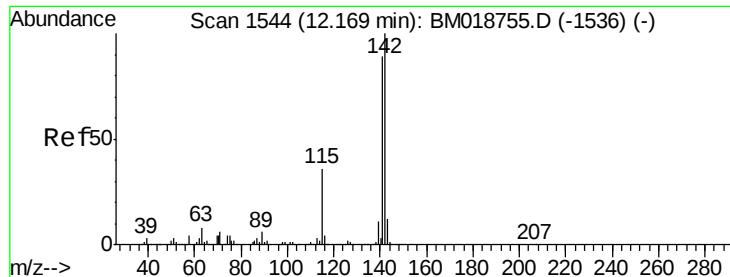
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





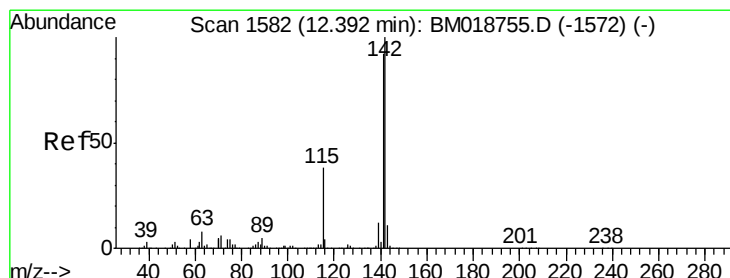
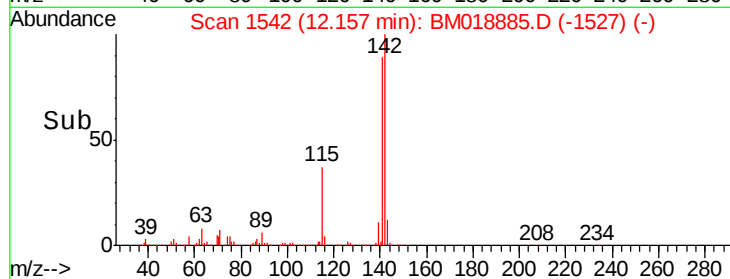
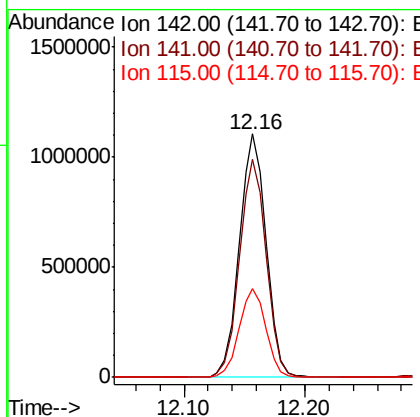
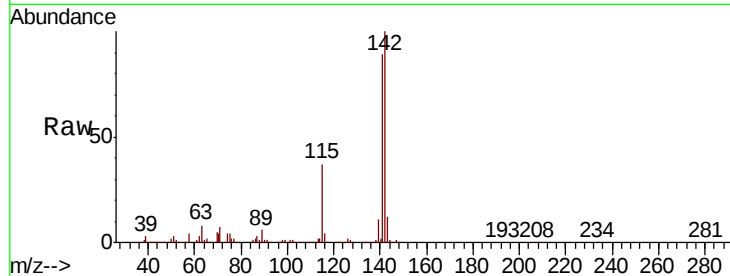
#37
2-Methylnaphthalene
Concen: 47.559 ng
RT: 12.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.2	106.8
115	36.5	29.1	43.7

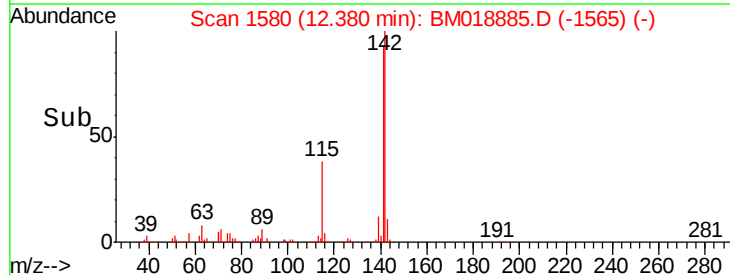
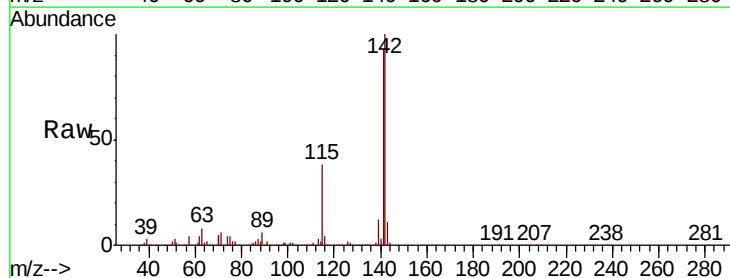
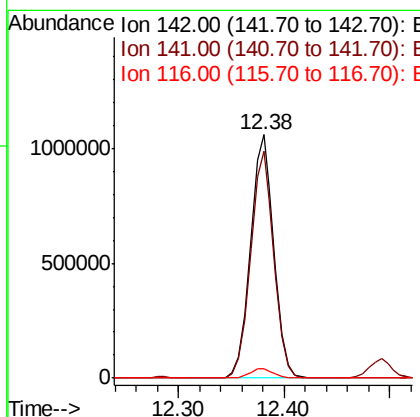
Manual Integrations
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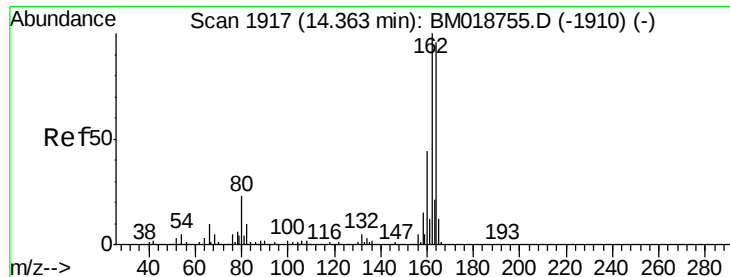
Sohil
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#38
1-Methylnaphthalene
Concen: 46.100 ng
RT: 12.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.9	110.9
116	4.1	3.0	4.4





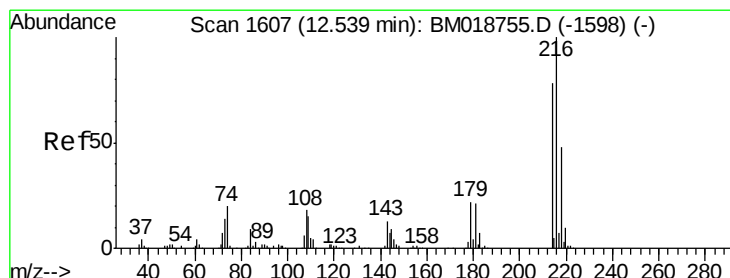
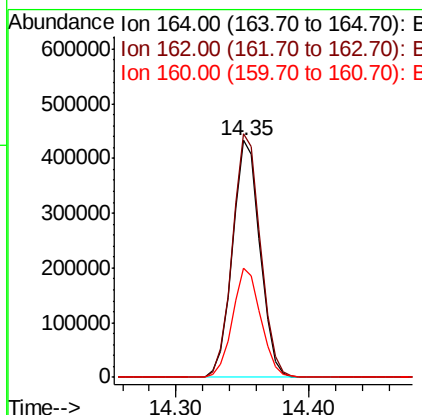
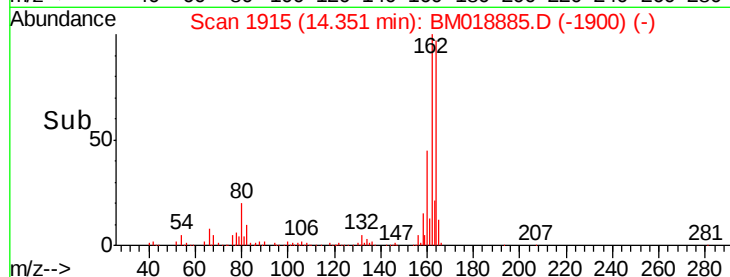
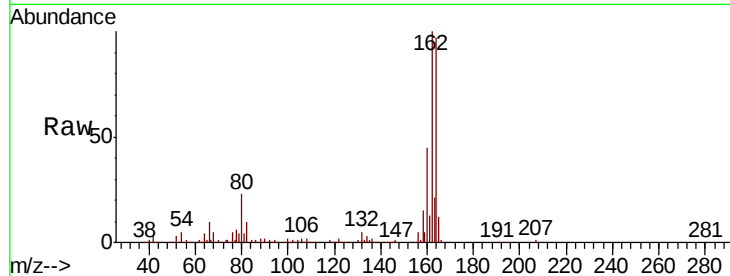
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	83.4	125.0
160	46.2	36.6	55.0

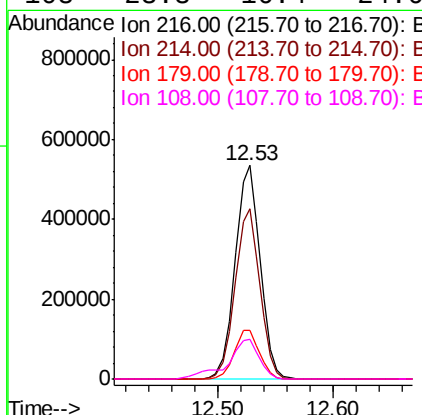
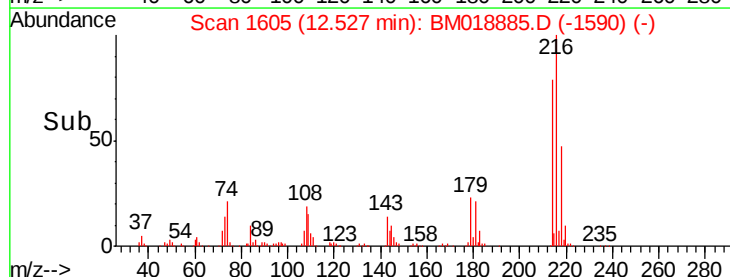
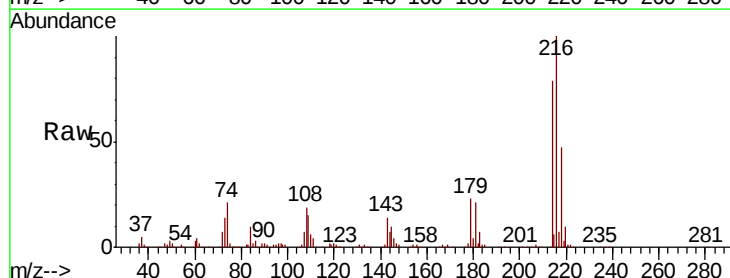
Manual Integrations
APPROVED

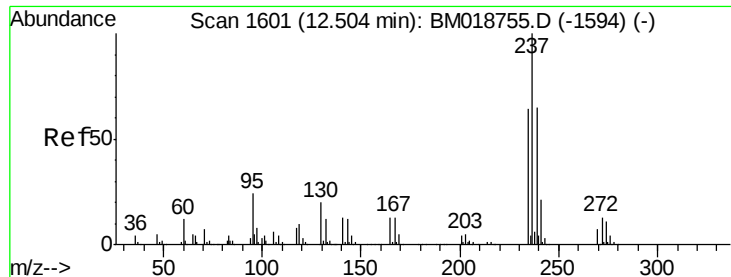
Sohil
2/21/2019 10:08:50 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.330 ng
RT: 12.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	23.0	17.8	26.8
108	23.3	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 91.502 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

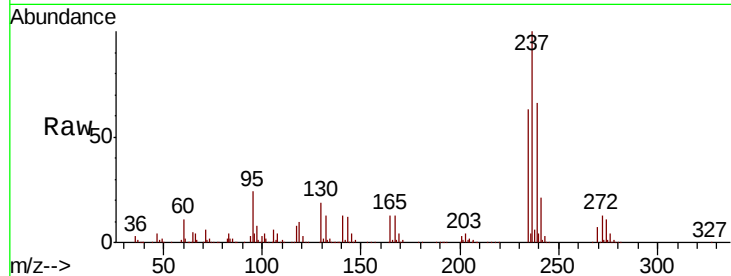
ClientSampleId :

PB117235BSD

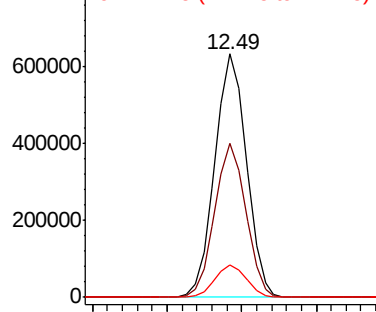
Tot Ion:	237	Resp:	928807
Ion Ratio	Lower	Upper	
237	100		
235	63.2	43.7	83.7
272	13.1	0.0	33.3

Manual Integrations
APPROVED

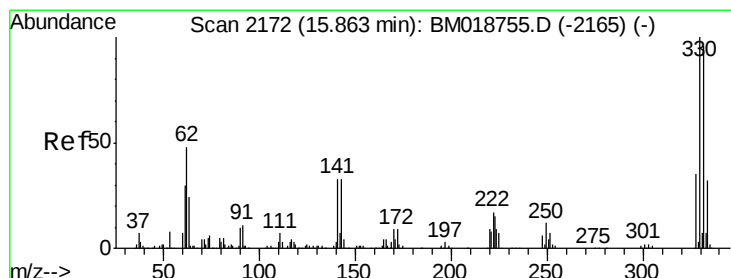
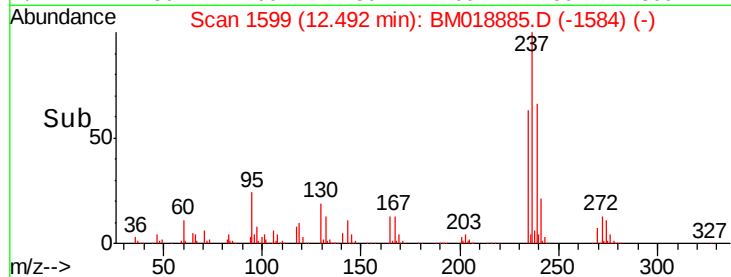
Sohil
2/21/2019 10:08:50 AM



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



Time--> 12.40 12.45 12.50 12.55



#42

2,4,6-Tribromophenol

Concen: 82.434 ng

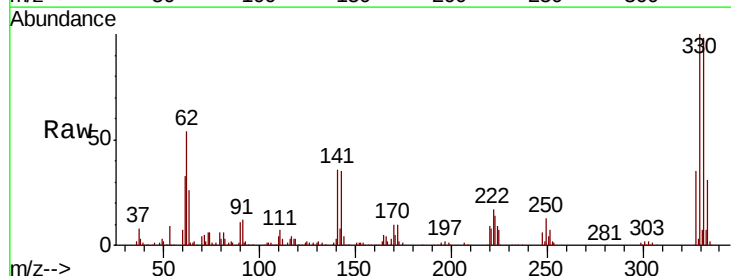
RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

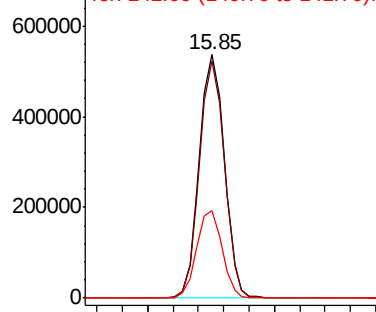
Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

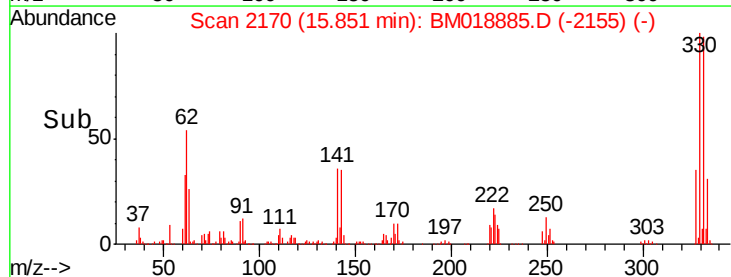
Tgt Ion:	330	Resp:	737484
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.9	115.3
141	36.6	28.7	43.1

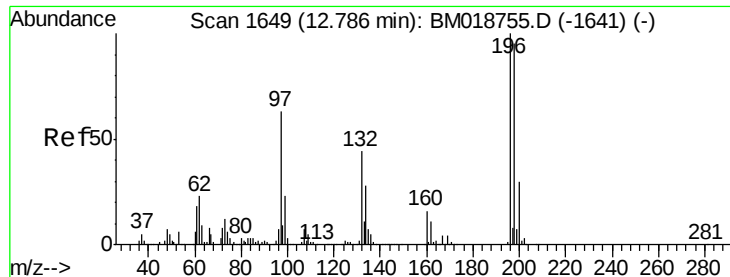


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



Time--> 15.80 15.90





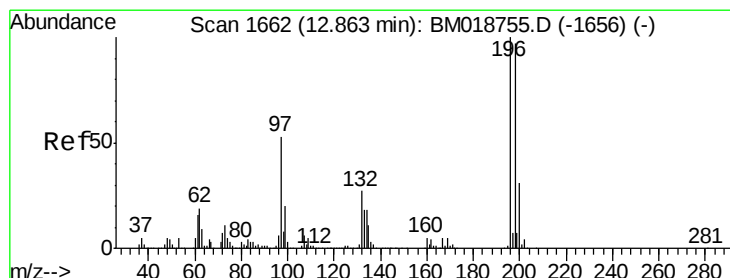
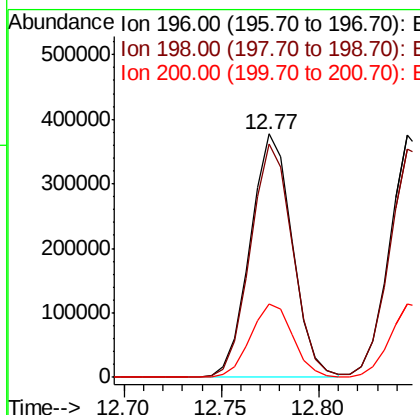
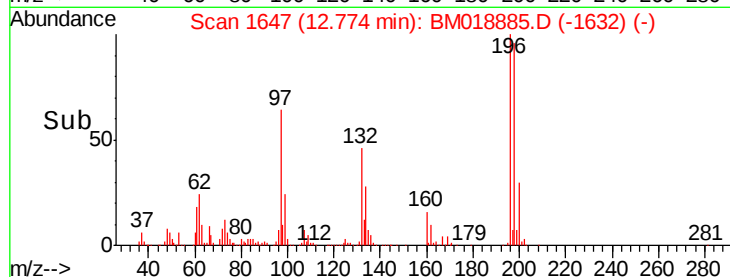
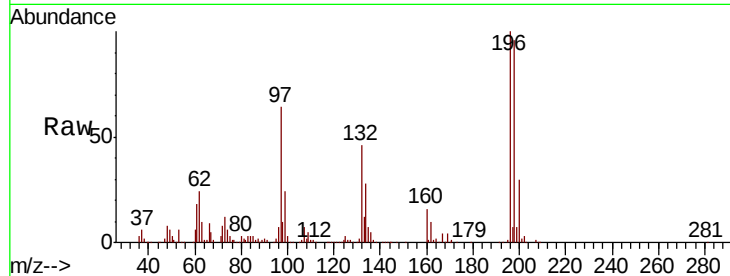
#43
 2,4,6-Trichlorophenol
 Concen: 42.956 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	564576		
198	95.7	76.2	114.2	
200	30.0	24.2	36.2	

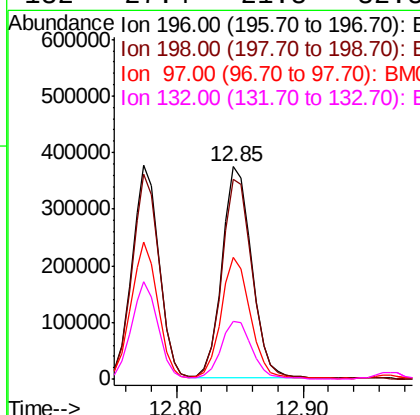
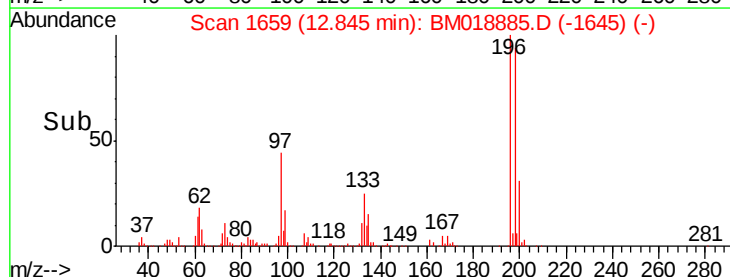
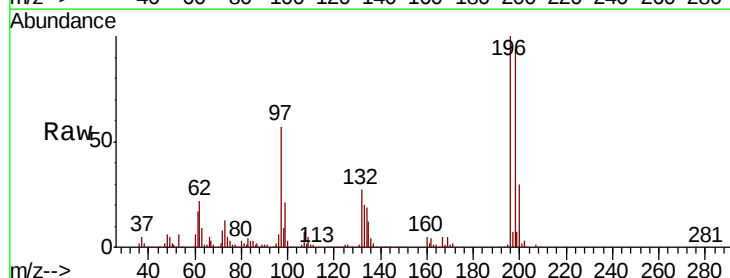
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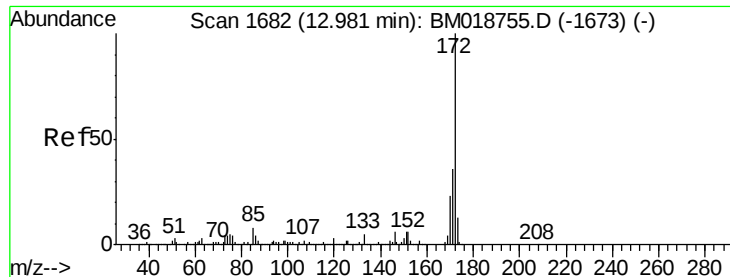
Sohil
 2/21/2019 10:08:50 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.732 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	602442		
198	94.4	77.6	116.4	
97	57.3	42.8	64.2	
132	27.4	21.8	32.8	





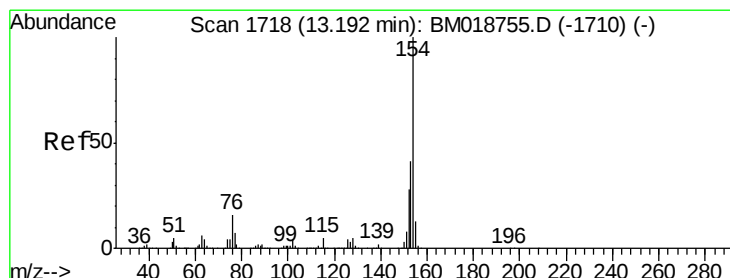
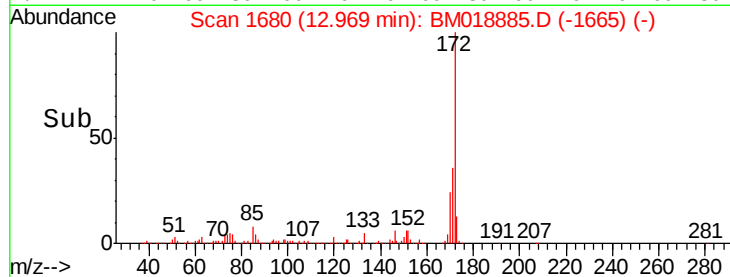
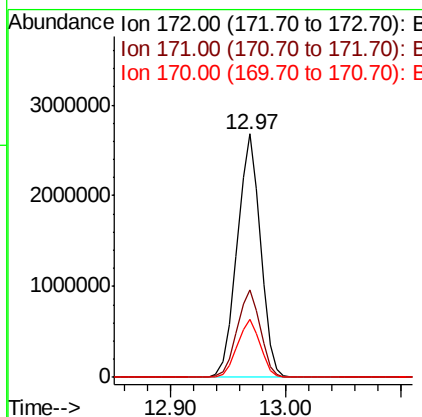
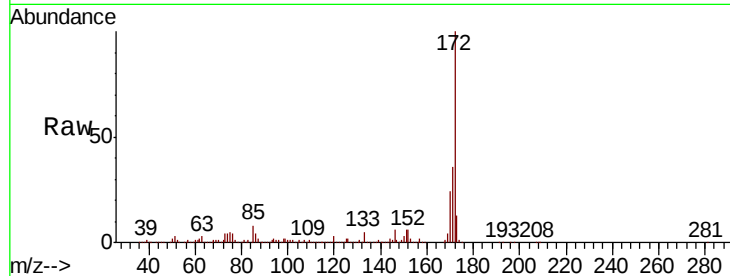
#45
2-Fluorobiphenyl
Concen: 79.998 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.6	18.6	28.0

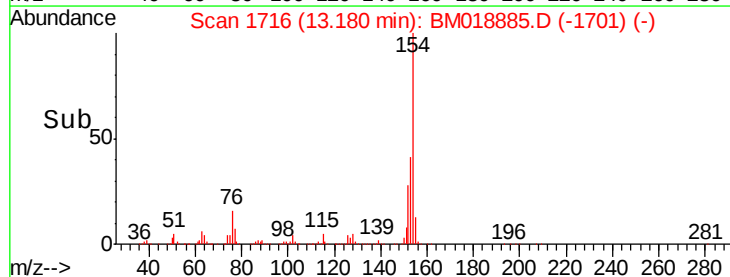
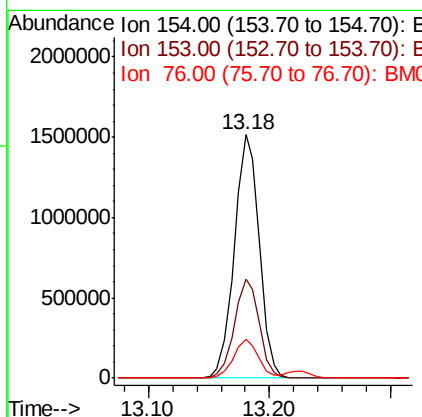
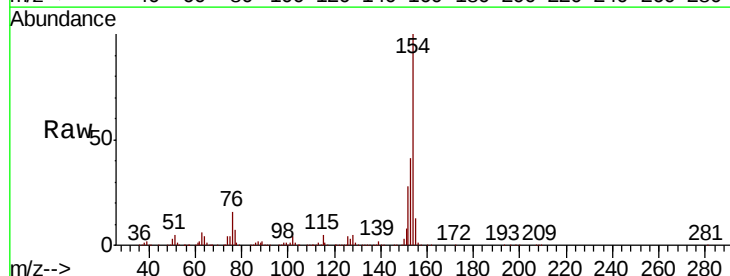
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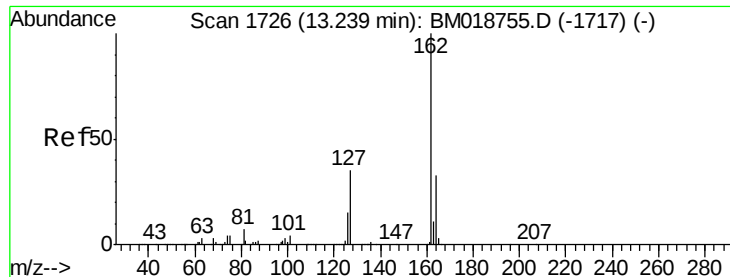
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#46
1,1'-Biphenyl
Concen: 40.629 ng
RT: 13.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.1	61.1
76	16.0	0.0	35.7





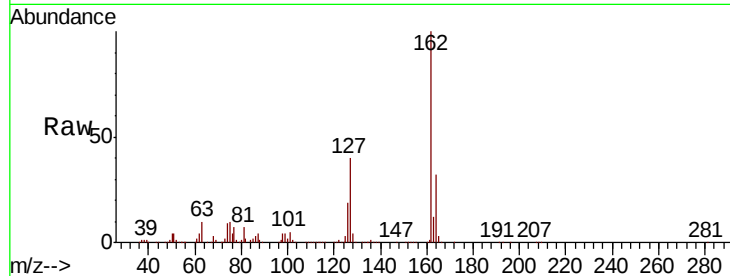
#47
2-Chloronaphthalene
Concen: 41.295 ng
RT: 13.22 min Scan# 1723
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampled :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.1	46.7
164	32.5	26.4	39.6

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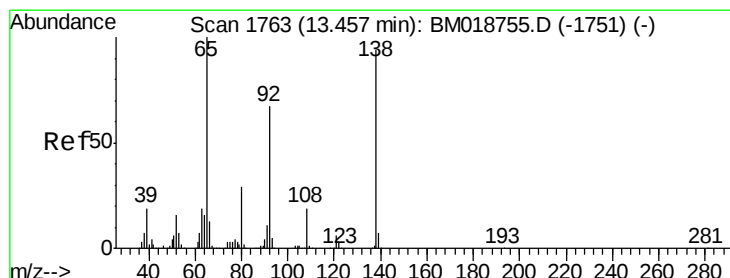
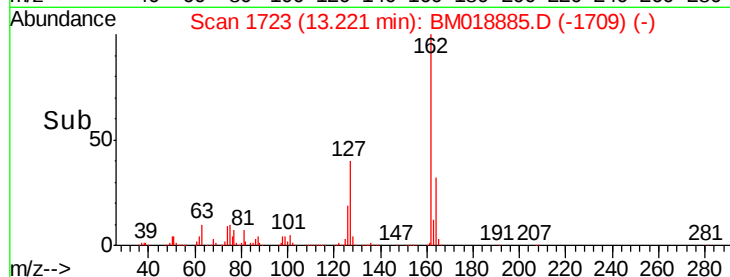
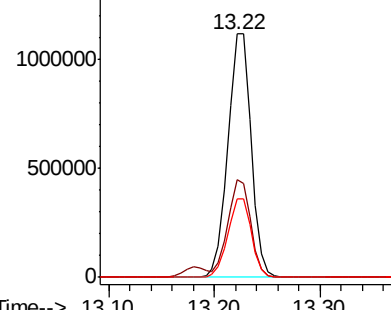


Abundance

Ion 162.00 (161.70 to 162.70): E

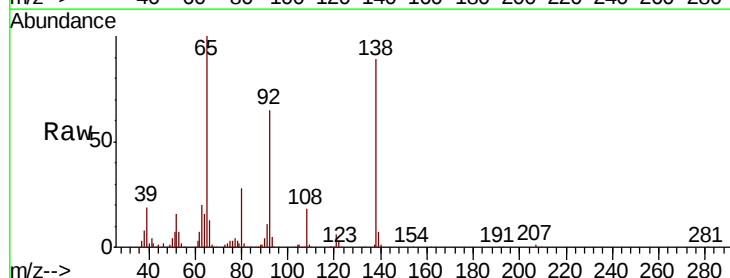
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.743 ng
RT: 13.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	54.0	81.0
138	89.5	74.9	112.3

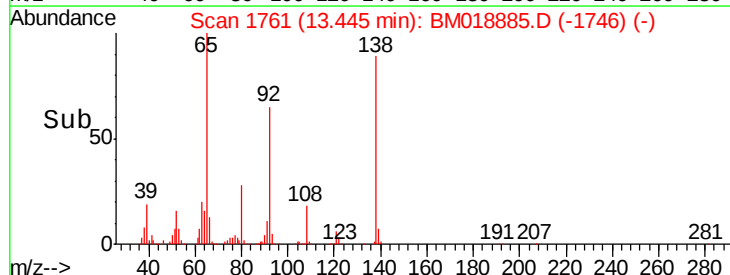
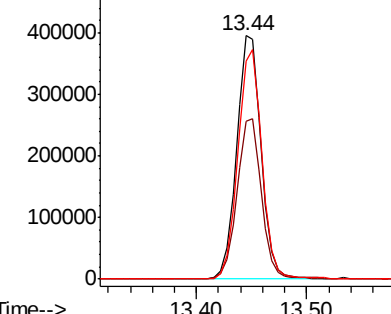


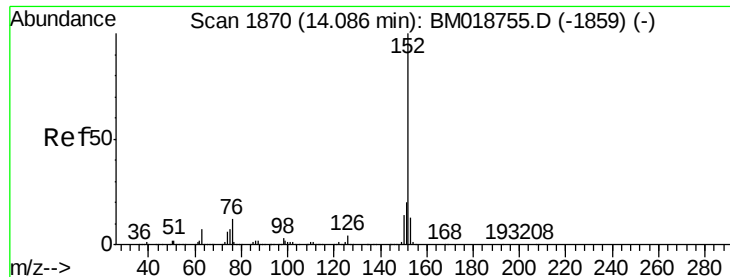
Abundance

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: 45.679 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

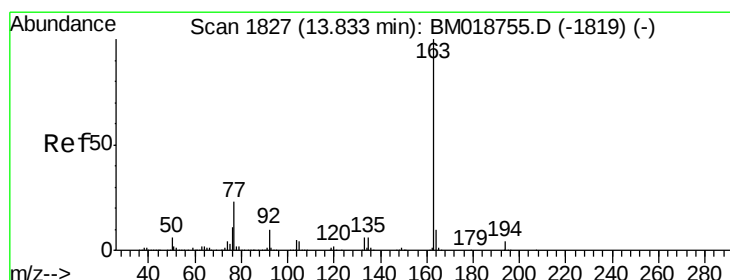
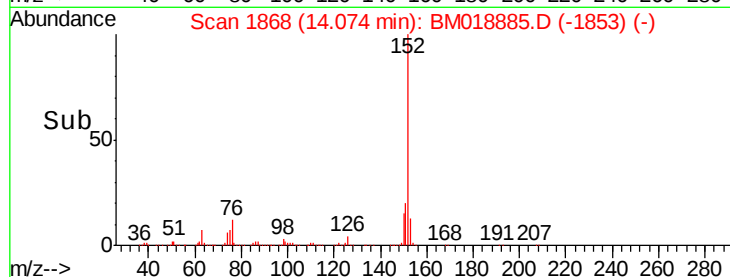
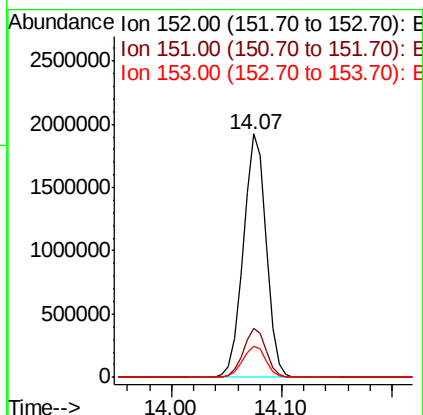
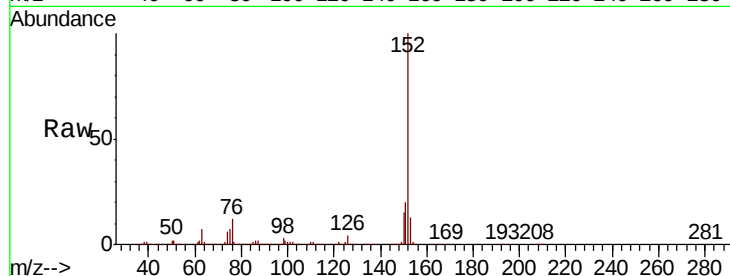
ClientSampleId :

PB117235BSD

Tot Ion:	152	Resp:	2806631
Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	12.8	10.5	15.7

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#50

Dimethylphthalate

Concen: 42.066 ng

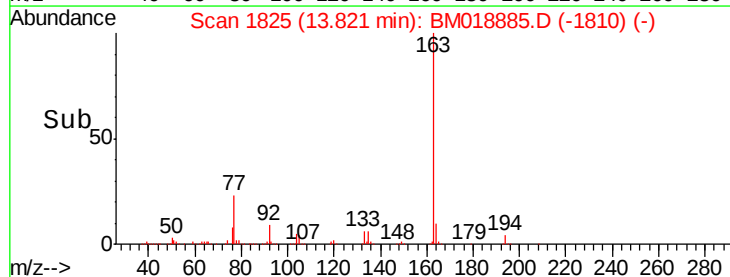
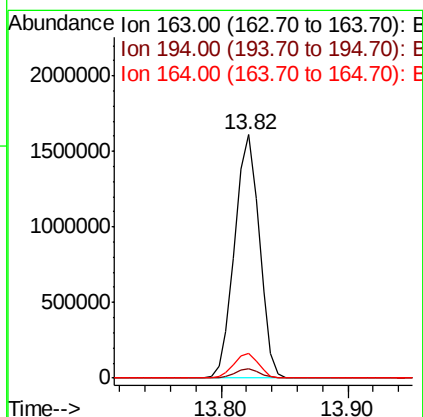
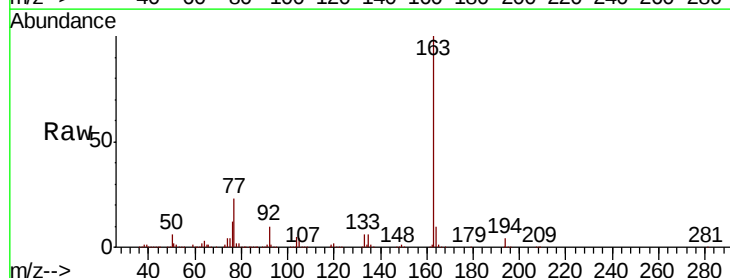
RT: 13.82 min Scan# 1825

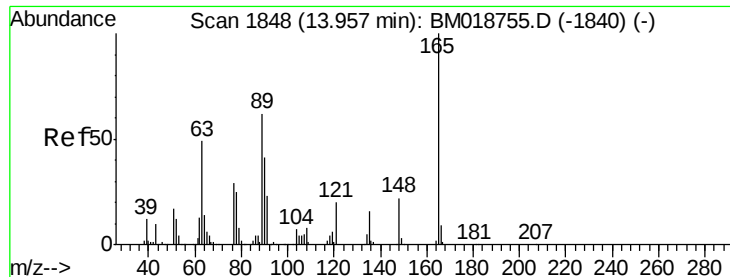
Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:	163	Resp:	2175820
Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	7.8	11.8





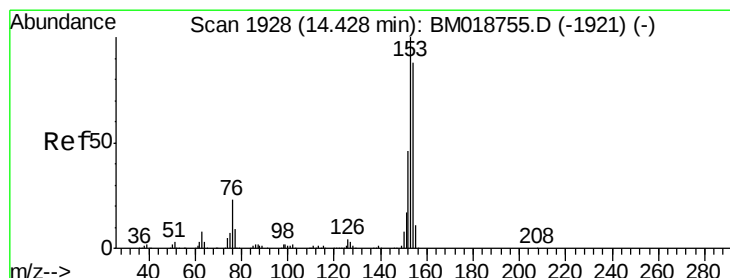
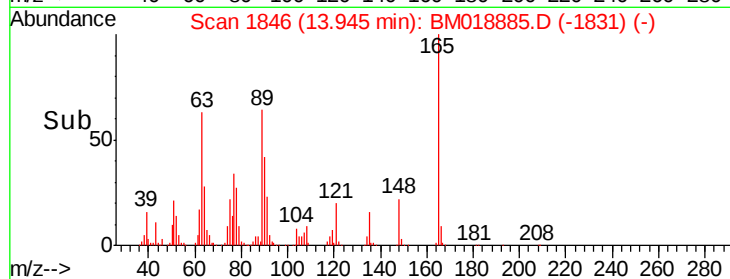
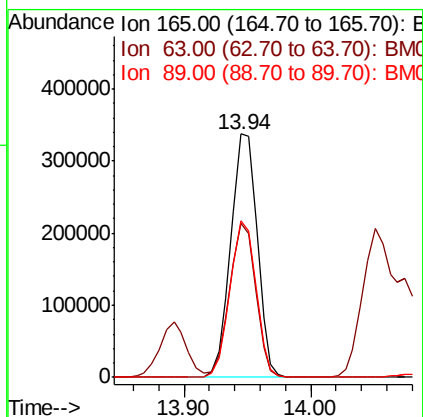
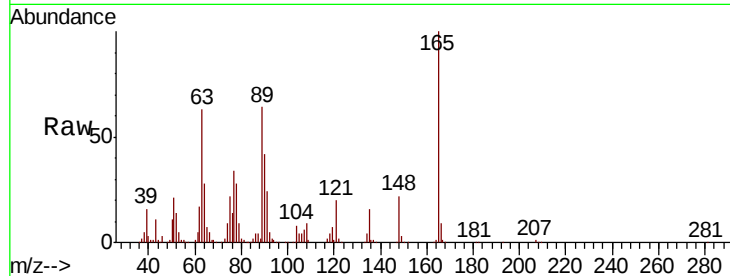
#51
2,6-Dinitrotoluene
Concen: 43.533 ng
RT: 13.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	487773		
63	63.1	48.9	73.3	
89	64.5	49.4	74.0	

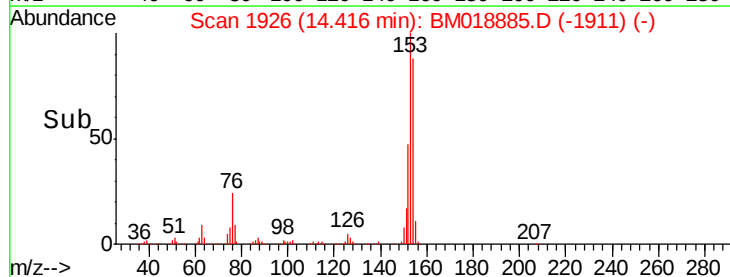
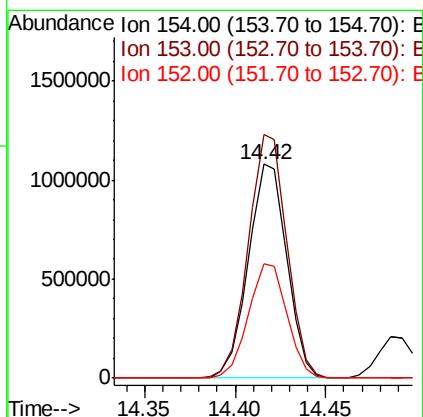
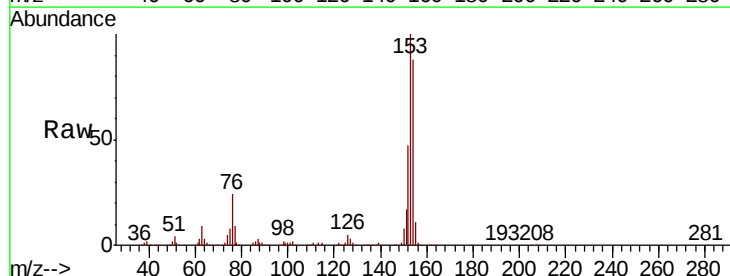
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#52
Acenaphthene
Concen: 42.343 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1595285		
153	114.0	91.3	136.9	
152	53.4	42.2	63.4	





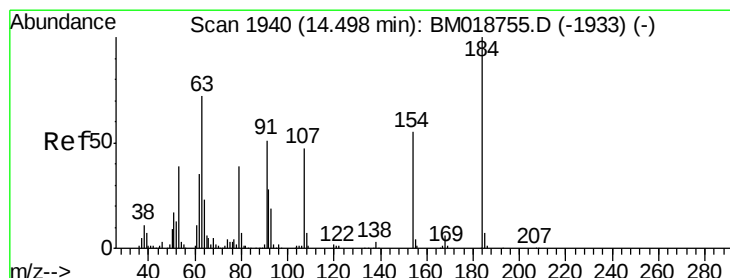
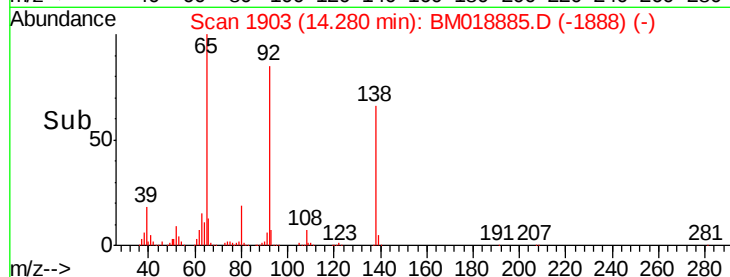
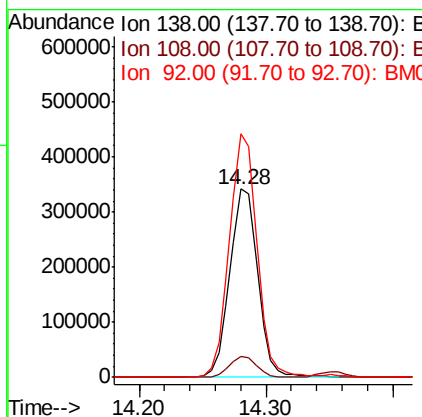
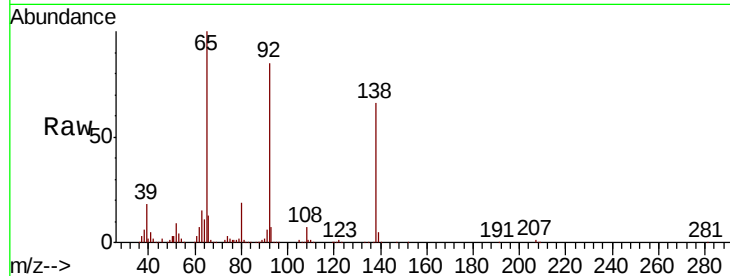
#53
3-Nitroaniline
Concen: 41.291 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.1	13.7
92	129.3	99.7	149.5

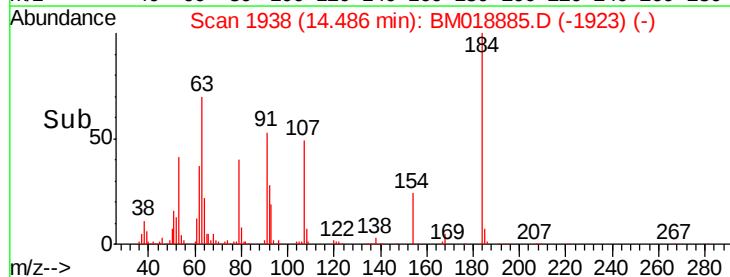
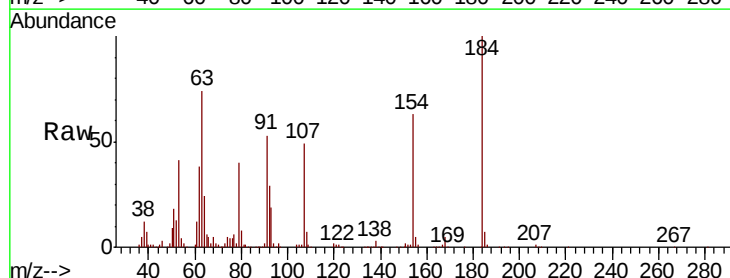
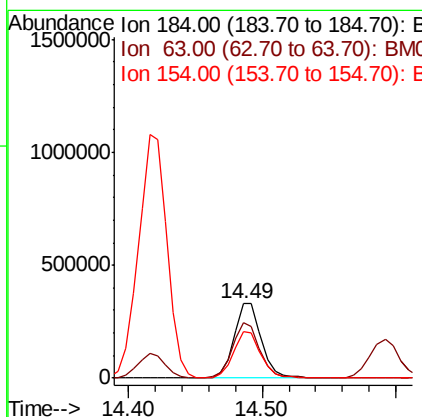
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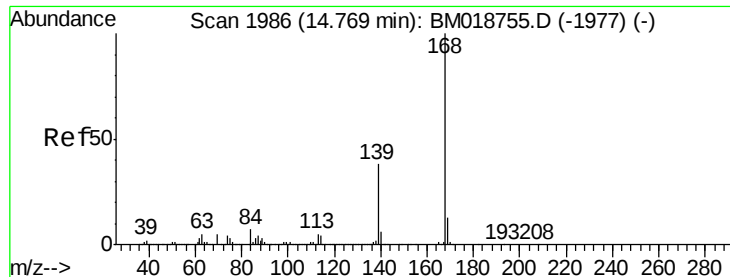
Sohil
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#54
2,4-Dinitrophenol
Concen: 67.584 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.4	58.0	87.0
154	63.1	50.3	75.5





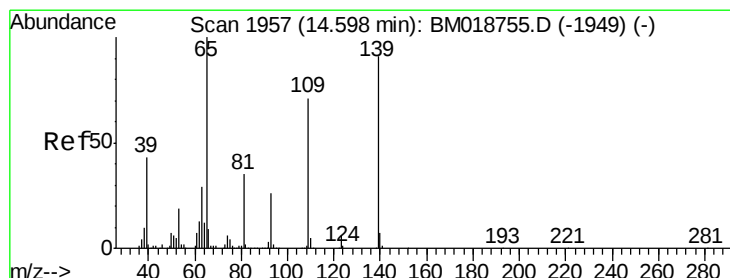
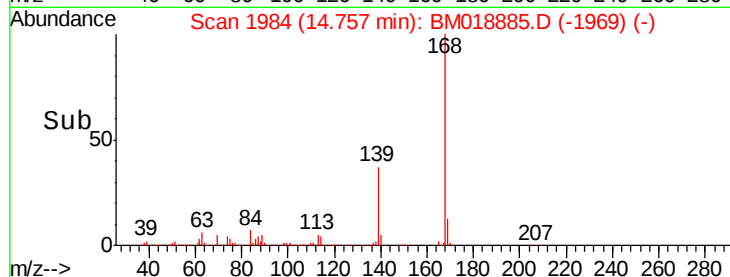
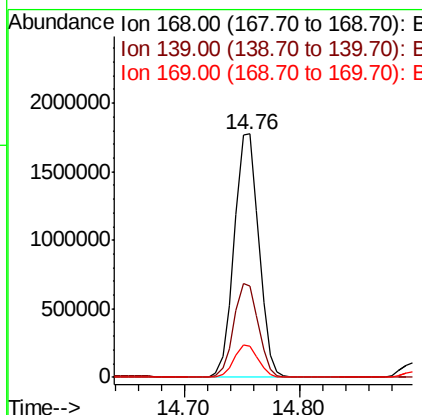
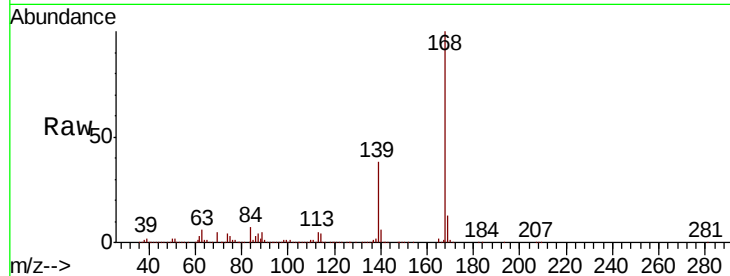
#55
Dibenzofuran
Concen: 42.390 ng
RT: 14.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	30.7	46.1
169	12.7	10.3	15.5

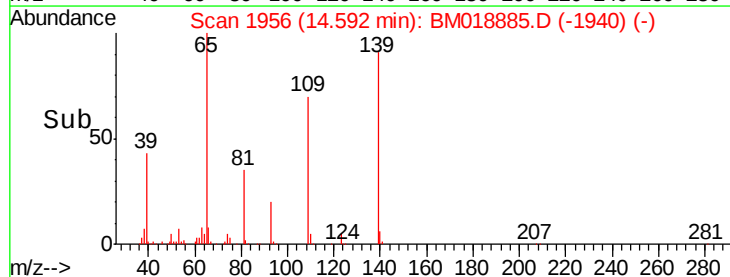
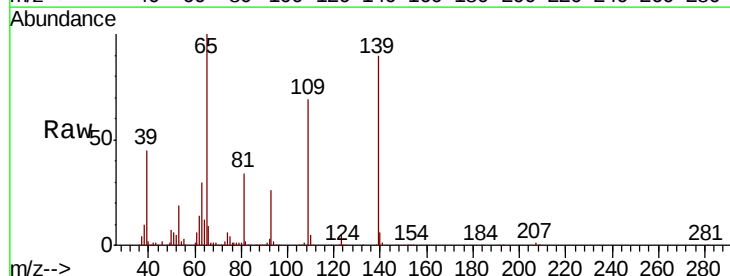
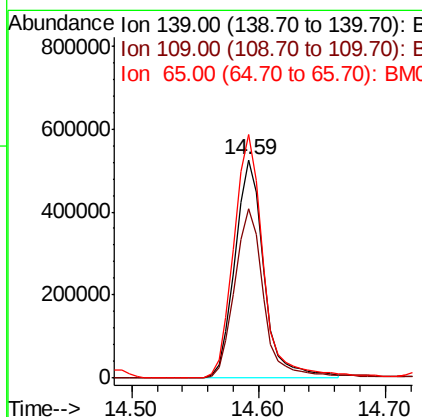
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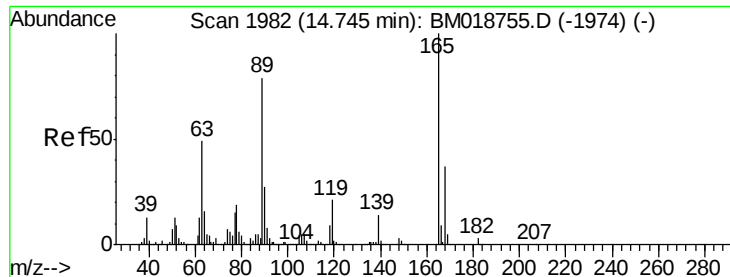
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#56
4-Nitrophenol
Concen: 82.538 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	58.4	98.4
65	111.5	89.8	129.8





#57

2,4-Dinitrotoluene

Concen: 44.821 ng

RT: 14.74 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

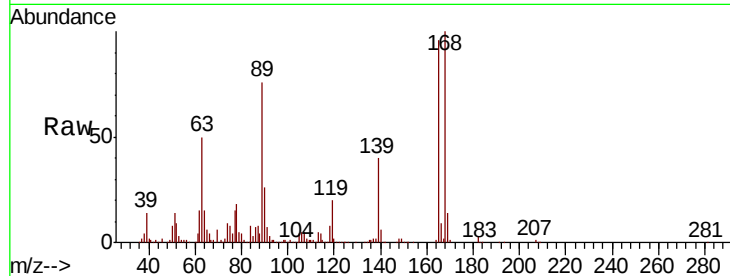
ClientSampleId :

PB117235BSD

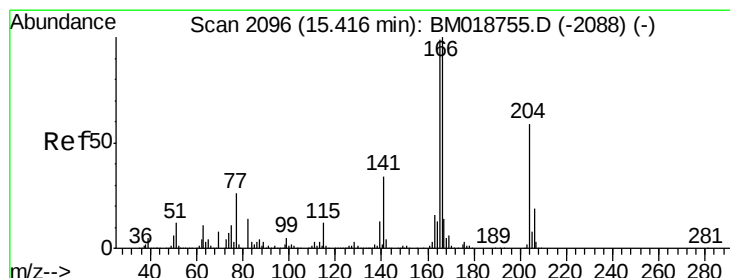
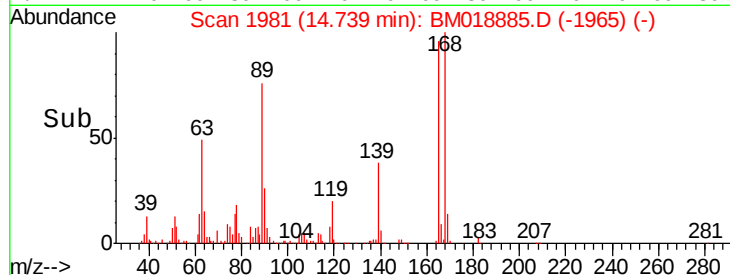
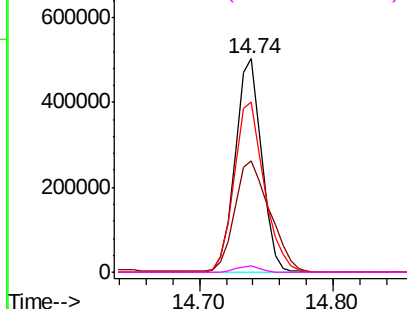
Tot Ion:	165	Resp:	691937
Ion Ratio	Lower	Upper	
165	100		
63	52.4	39.6	59.4
89	79.8	63.5	95.3
182	2.9	2.2	3.4

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 45.399 ng

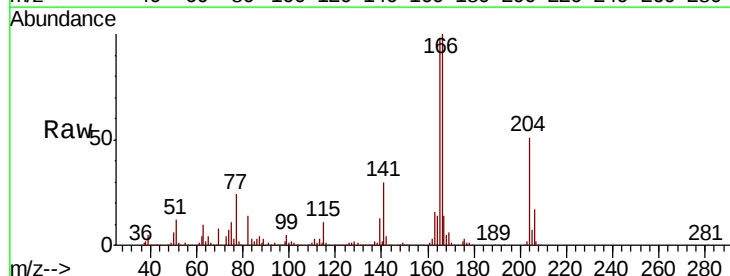
RT: 15.40 min Scan# 2094

Delta R.T. -0.01 min

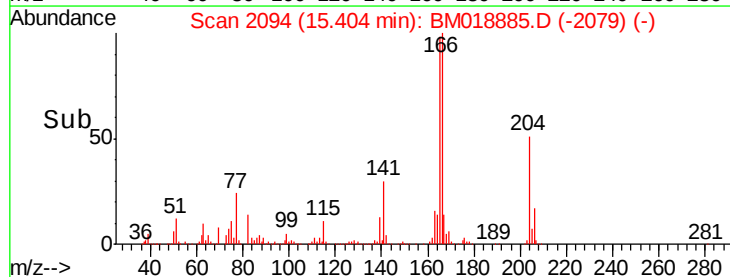
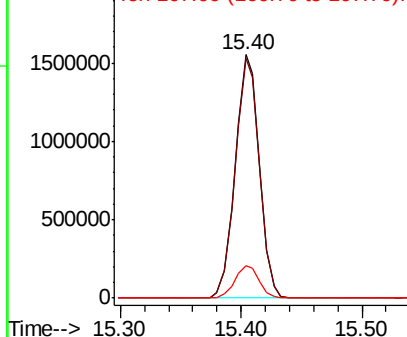
Lab File: BM018885.D

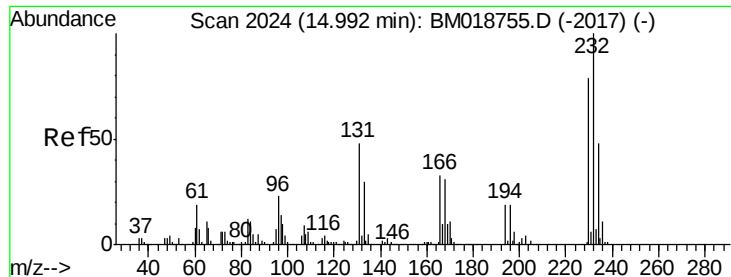
Acq: 20 Feb 2019 16:02

Tgt Ion:	166	Resp:	2150739
Ion Ratio	Lower	Upper	
166	100		
165	98.4	79.1	118.7
167	13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





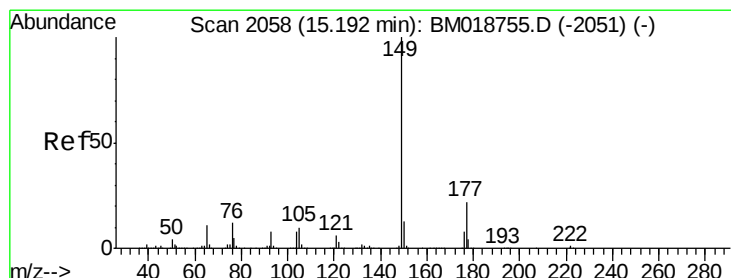
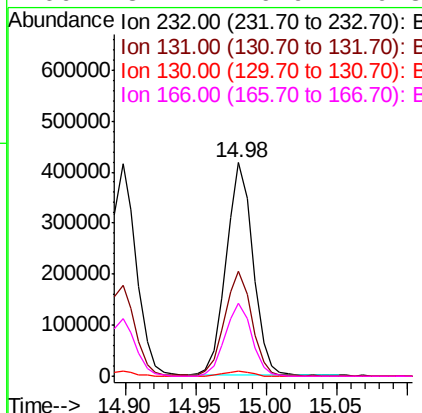
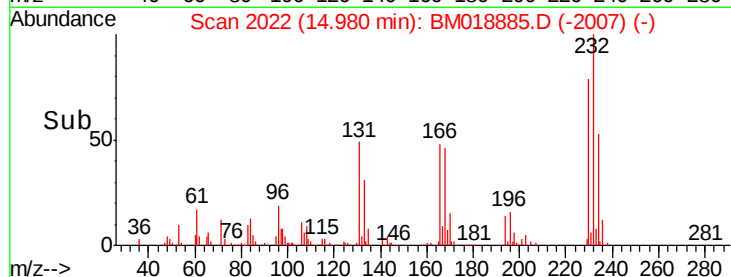
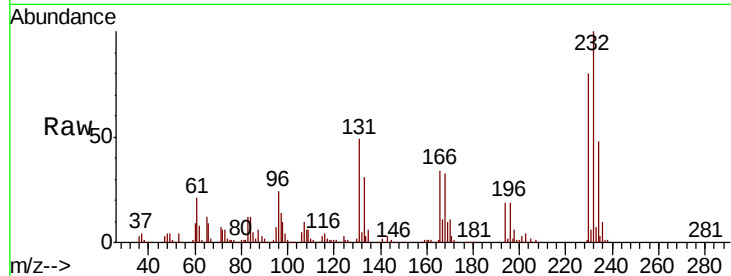
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.324 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tot Ion:	232	Resp:	551896
Ion Ratio	Lower	Upper	
232	100		
131	50.0	38.6	57.8
130	2.6	2.0	3.0
166	34.2	26.9	40.3

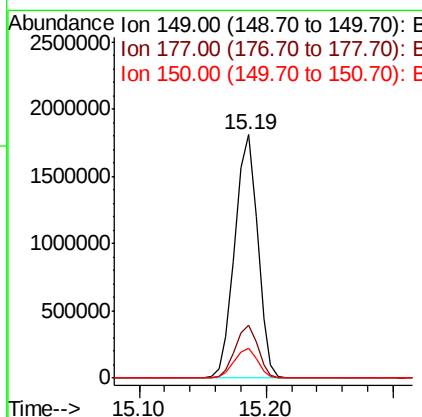
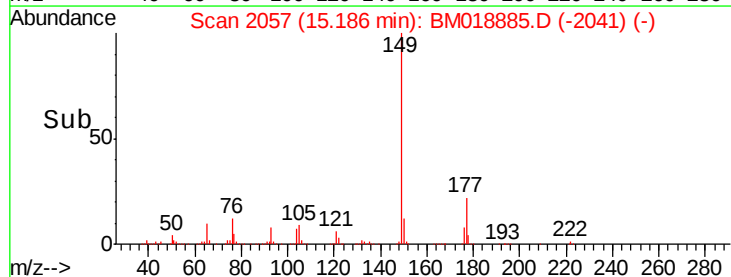
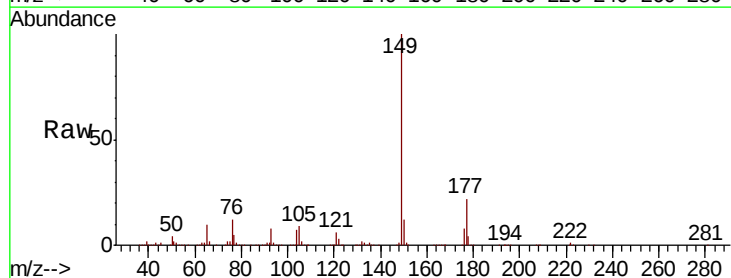
Manual Integrations
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#60
 Diethylphthalate
 Concen: 42.289 ng
 RT: 15.19 min Scan# 2057
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion:	149	Resp:	2256349
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.2	25.8
150	12.3	10.2	15.2





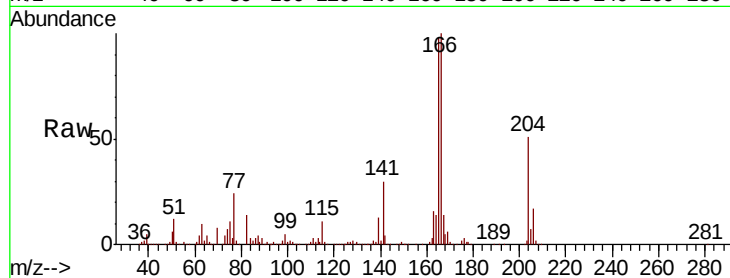
#61
4-Chlorophenyl-phenylether
Concen: 39.757 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.2	39.2
141	59.1	49.2	73.8

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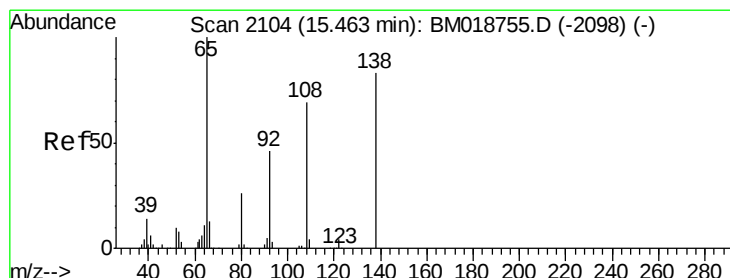
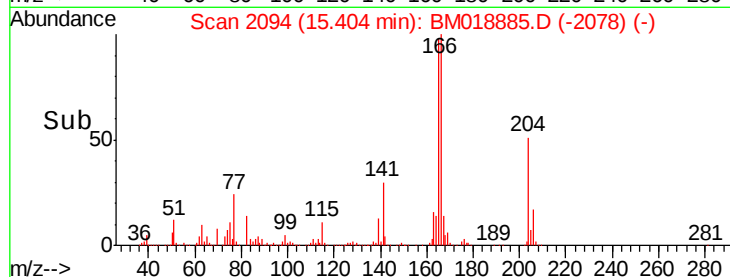
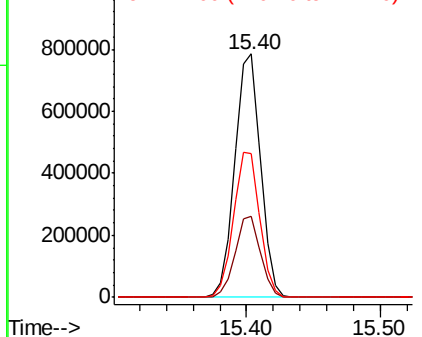


Abundance

Ion 204.00 (203.70 to 204.70): E

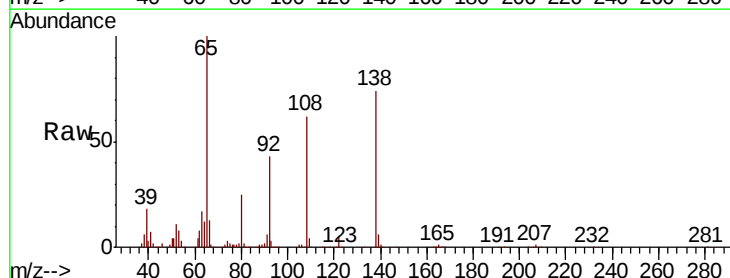
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.907 ng
RT: 15.45 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	35.5	75.5
108	83.6	62.4	102.4

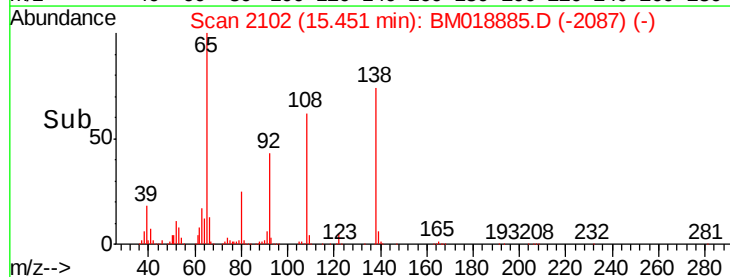
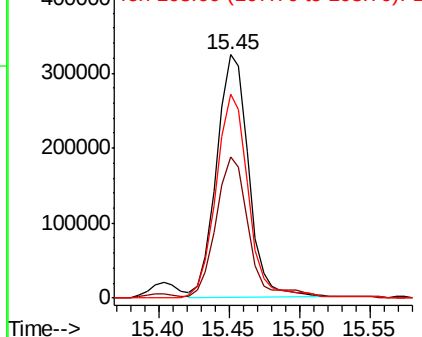


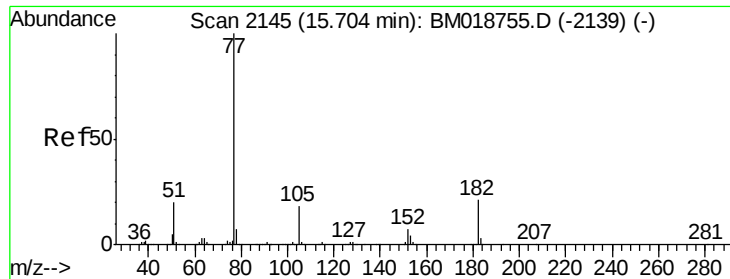
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





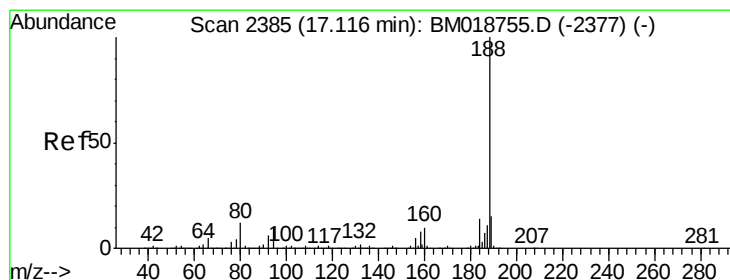
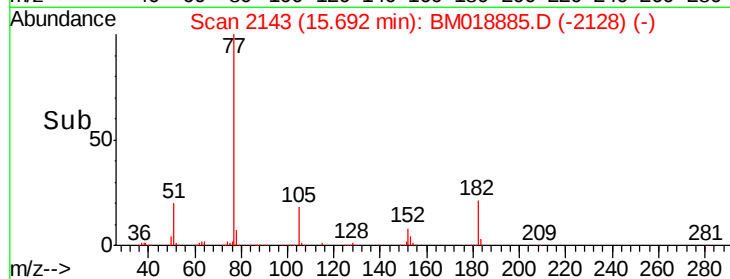
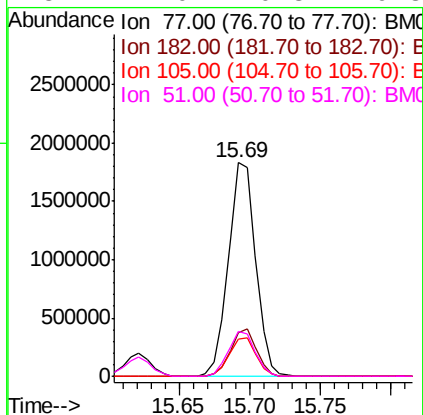
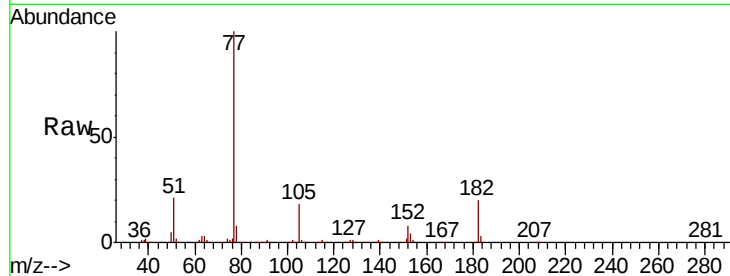
#63
Azobenzene
Concen: 42.889 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion:	77	Resp:	2453588
Ion	Ratio	Lower	Upper
77	100		
182	20.3	1.0	41.0
105	17.6	0.0	37.7
51	21.0	0.3	40.3

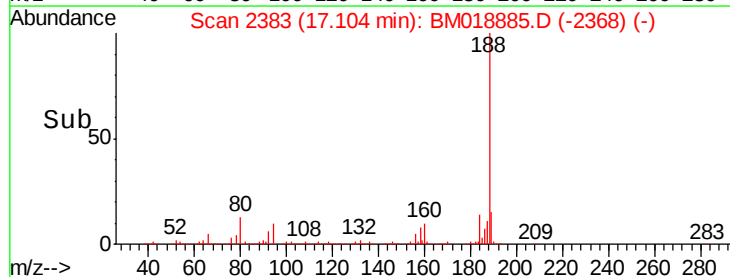
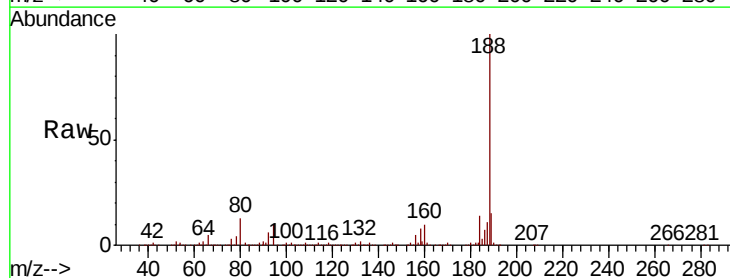
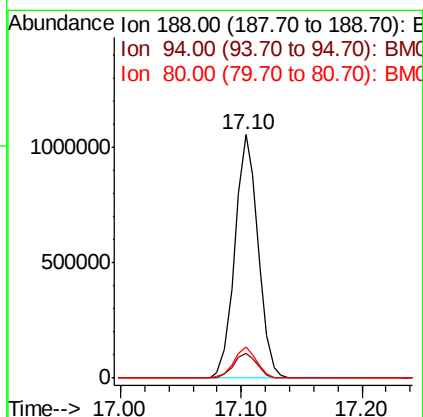
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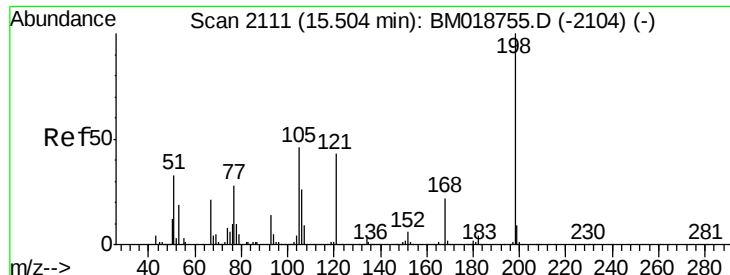
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:	188	Resp:	1414210
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.6	9.7	14.5





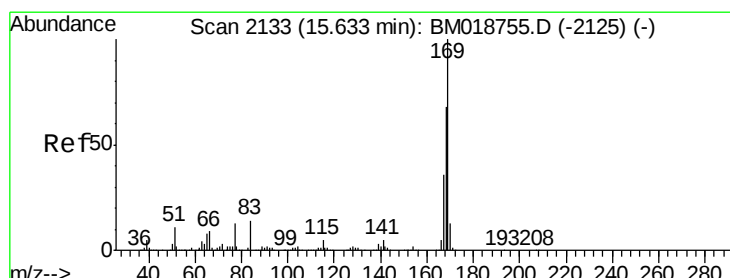
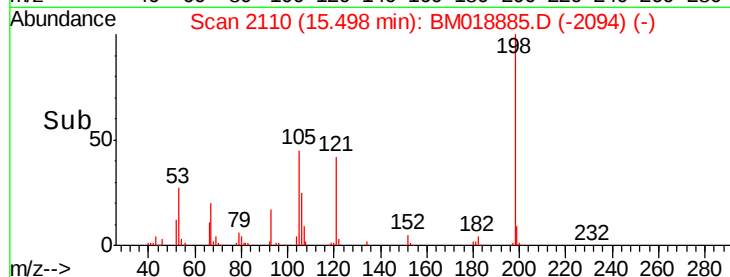
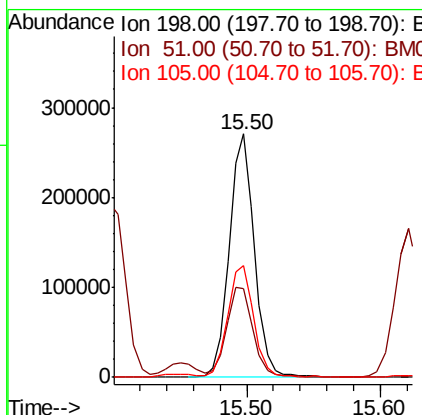
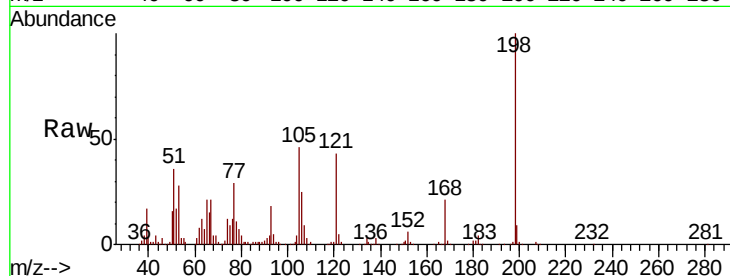
#65
4,6-Dinitro-2-methylphenol
Concen: 35.823 ng
RT: 15.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	355696		
51	36.4		18.4	58.4
105	45.7		27.2	67.2

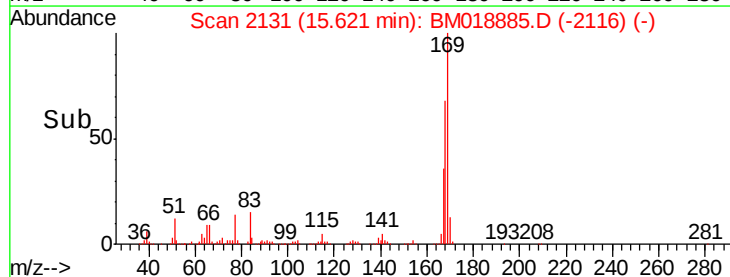
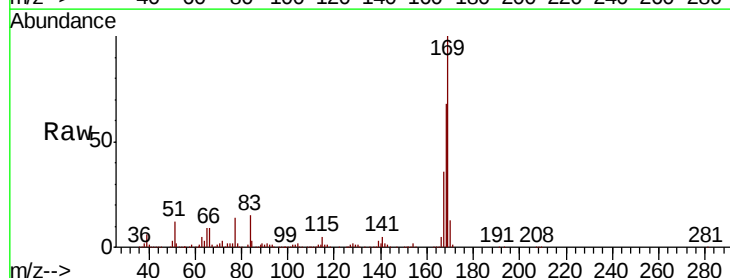
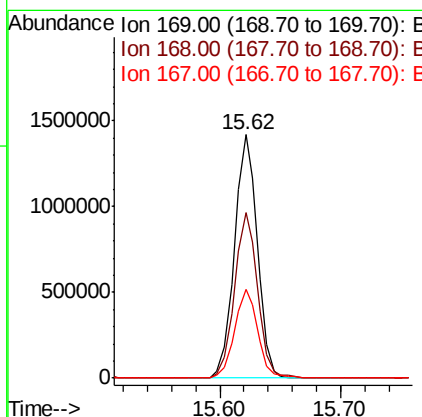
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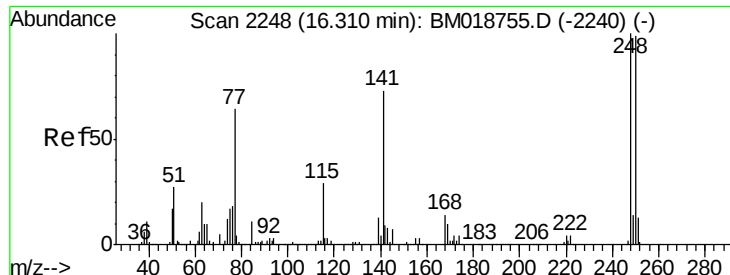
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.874 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1870941		
168	68.3		54.4	81.6
167	36.5		29.0	43.6





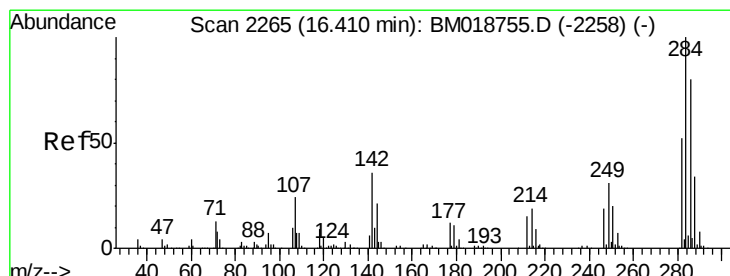
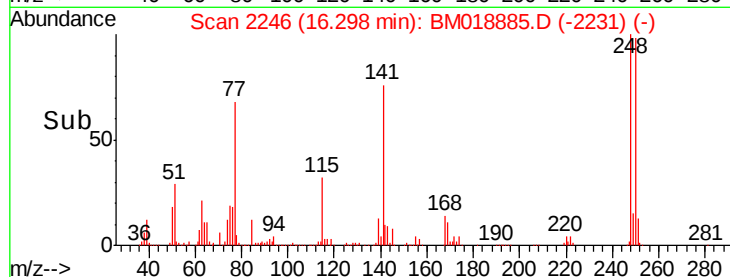
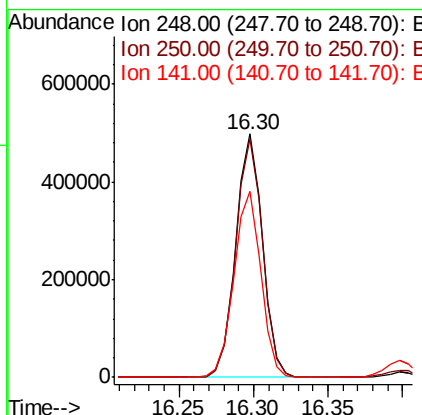
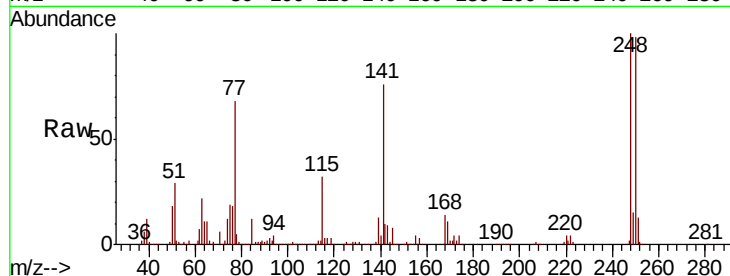
#67
 4-Bromophenyl-phenylether
 Concen: 39.494 ng
 RT: 16.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tot Ion:	248	Resp:	625183
Ion Ratio	Lower	Upper	
248	100		
250	98.1	79.0	118.6
141	76.4	58.6	88.0

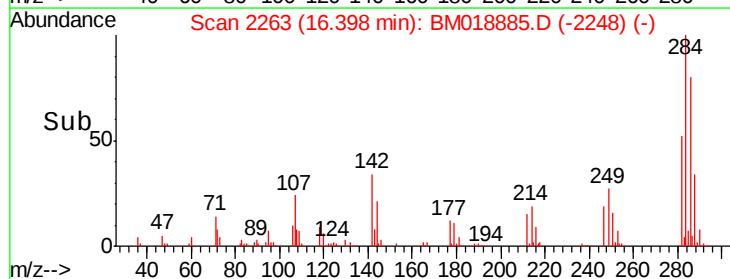
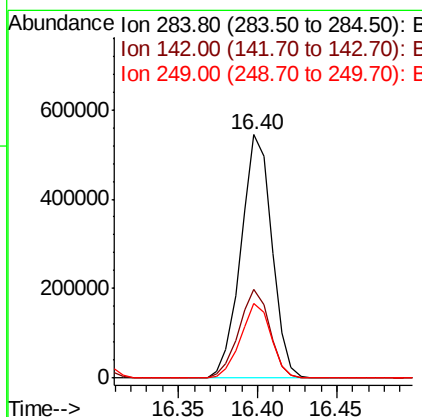
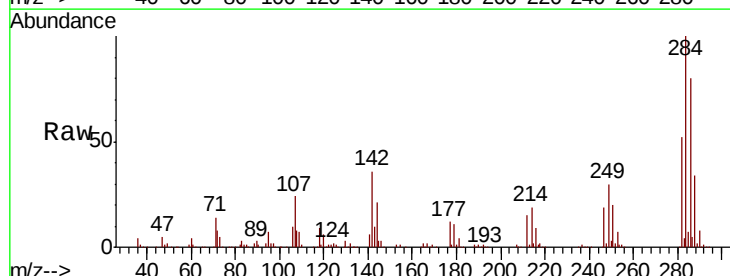
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#68
 Hexachlorobenzene
 Concen: 39.971 ng
 RT: 16.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion:	284	Resp:	735450
Ion Ratio	Lower	Upper	
284	100		
142	36.5	28.9	43.3
249	30.4	24.8	37.2





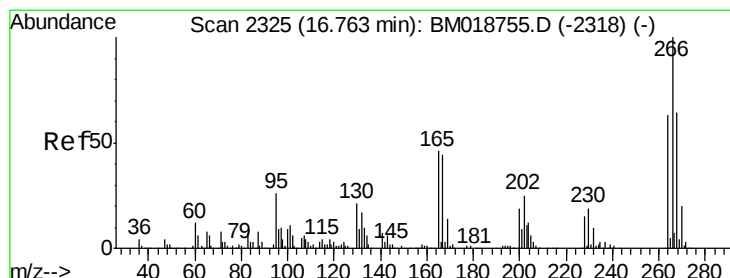
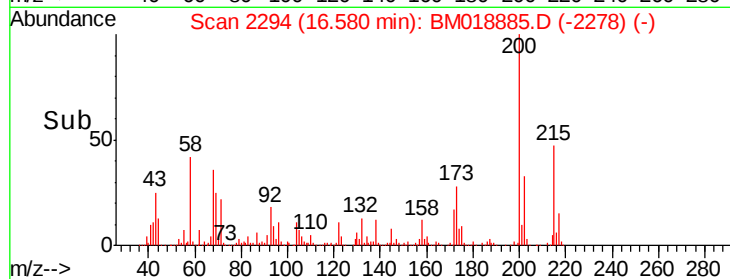
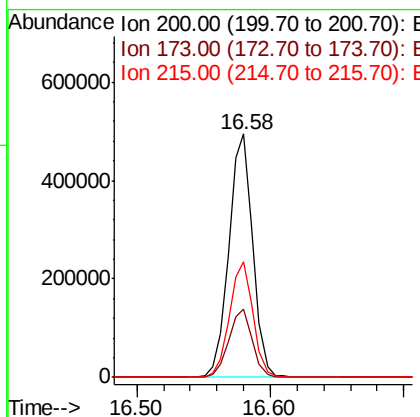
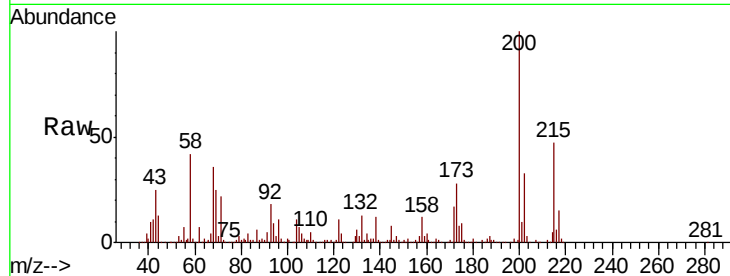
#69
 Atrazine
 Concen: 43.096 ng
 RT: 16.58 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	620770		
173	27.9		7.6	47.6
215	47.4		27.6	67.6

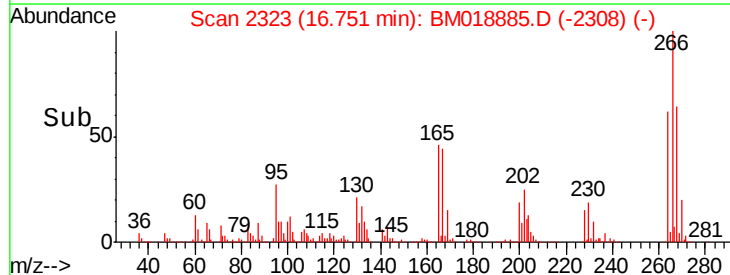
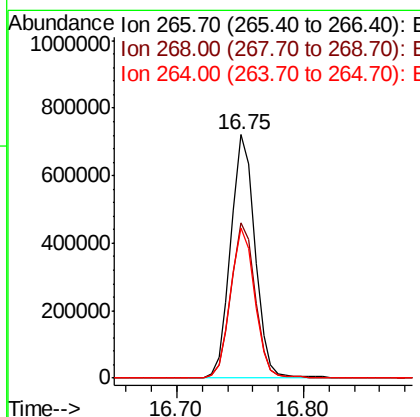
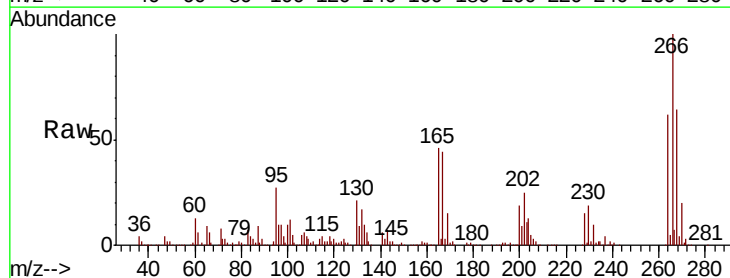
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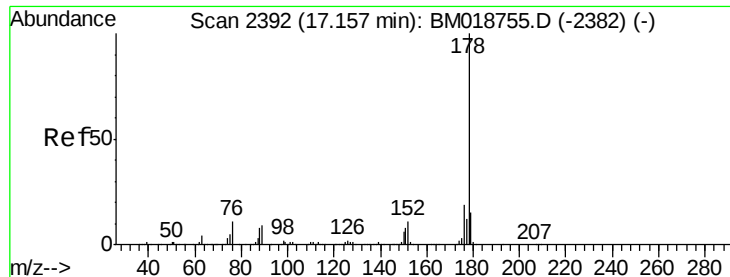
Sohil
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#70
 Pentachlorophenol
 Concen: 80.639 ng
 RT: 16.75 min Scan# 2323
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	955333		
268	63.6		51.3	76.9
264	61.6		50.6	75.8





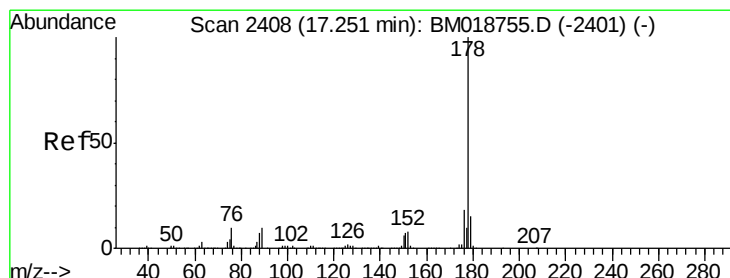
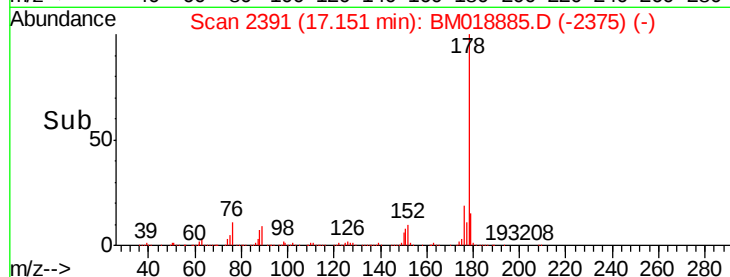
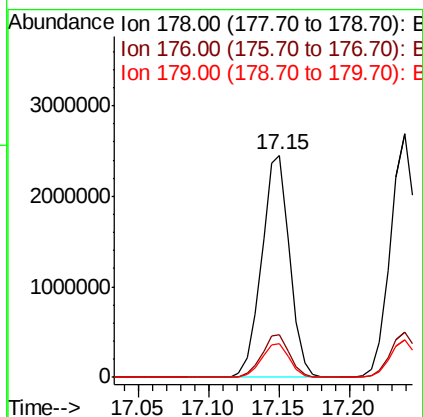
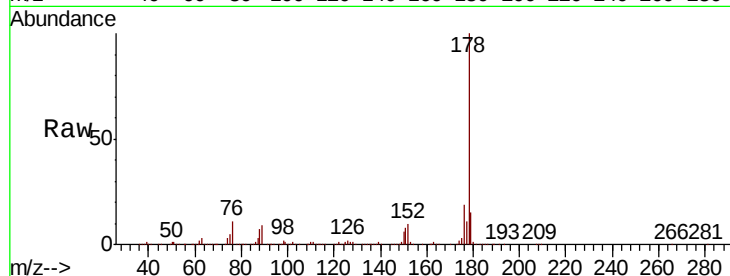
#71
Phenanthrene
Concen: 44.748 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion:178 Resp: 3400919
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.0 12.3 18.5

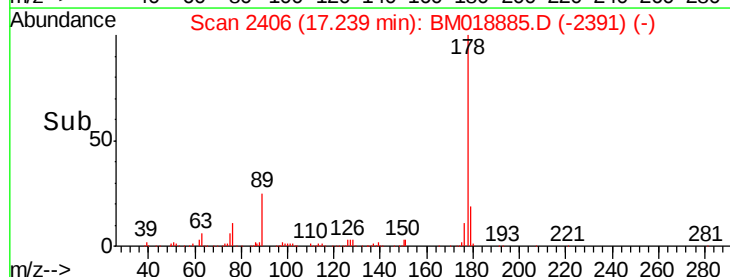
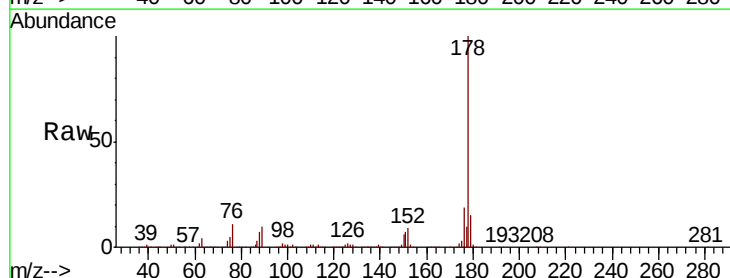
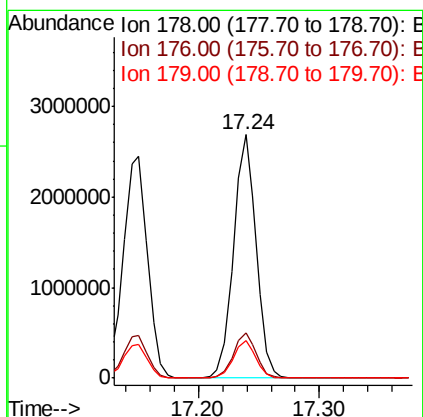
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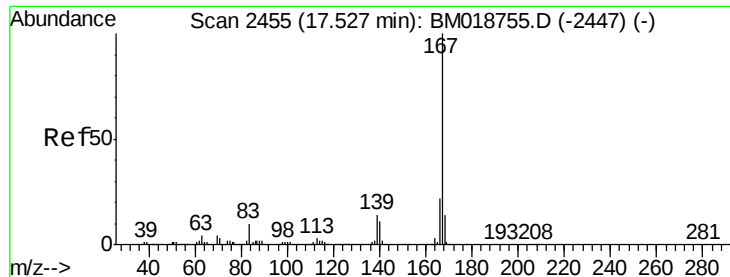
Sohil
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#72
Anthracene
Concen: 47.169 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion:178 Resp: 3489312
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.1 18.1





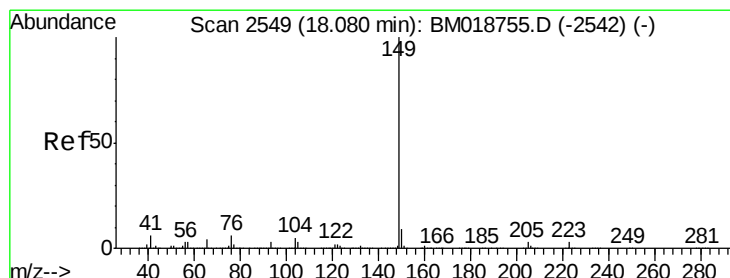
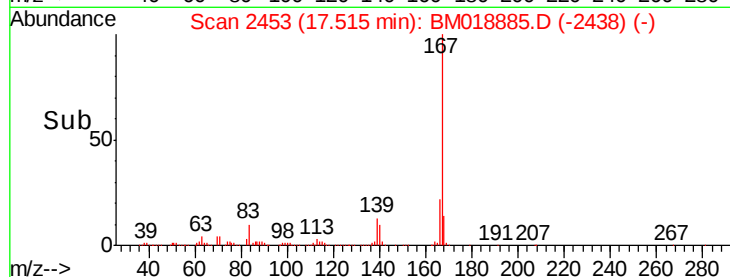
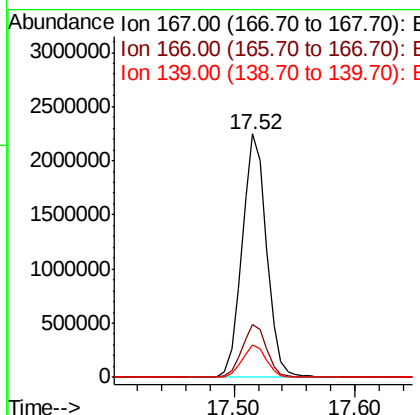
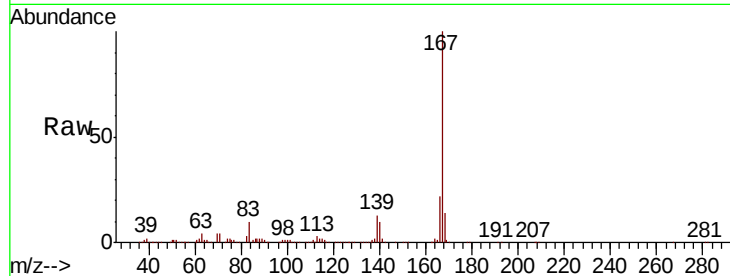
#73
 Carbazole
 Concen: 41.108 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.7	26.5	
139	13.4	10.9	16.3	

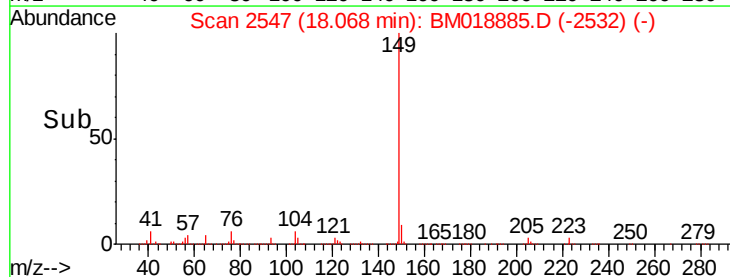
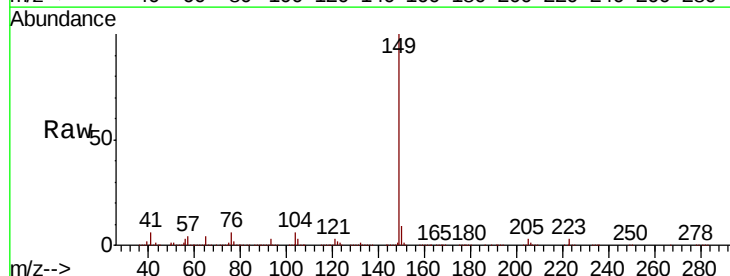
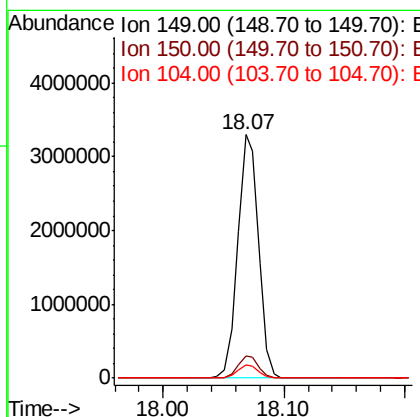
Manual Integrations
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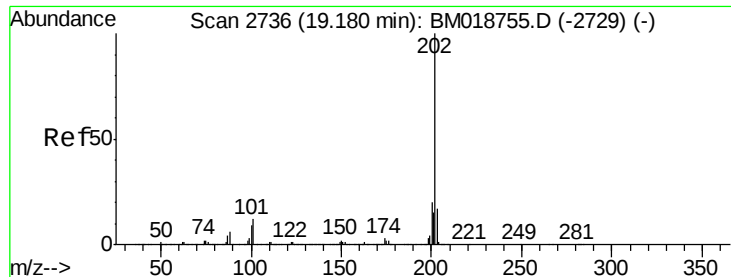
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.399 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.3	7.4	11.0	
104	5.5	4.3	6.5	





#75

Fluoranthene

Concen: 45.825 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

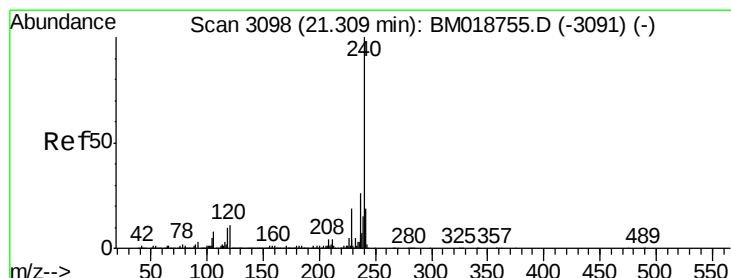
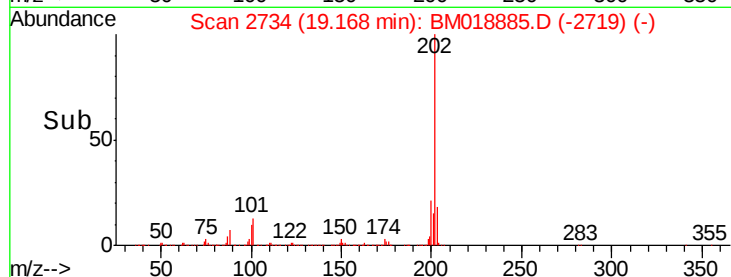
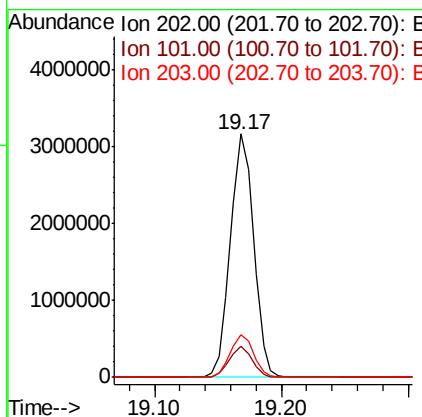
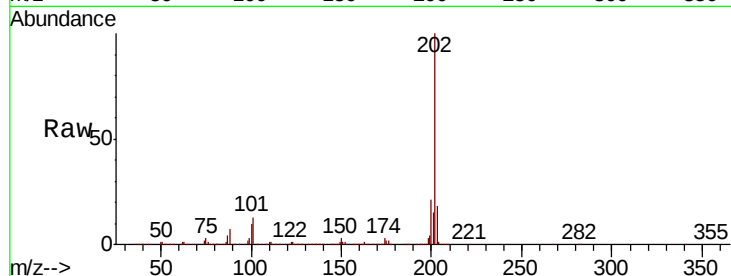
ClientSampleId :

PB117235BSD

Tot Ion:	202	Resp:	4023056
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.5
203	17.7	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

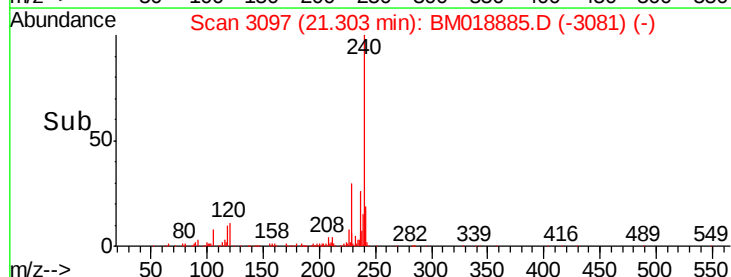
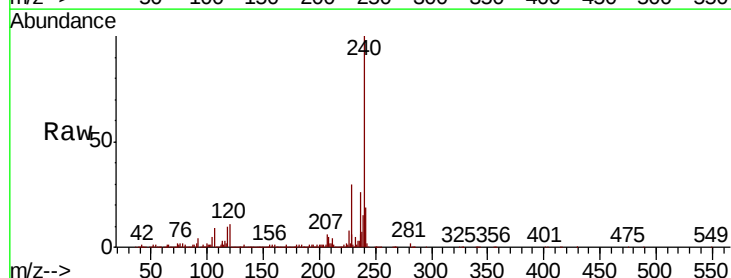
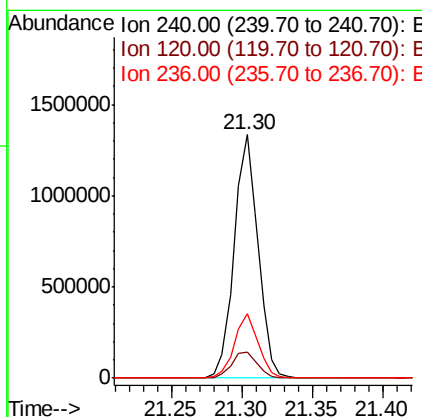
RT: 21.30 min Scan# 3097

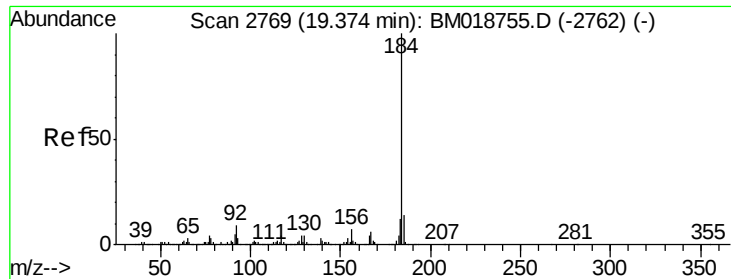
Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:	240	Resp:	1572349
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.9	13.3
236	26.4	20.9	31.3





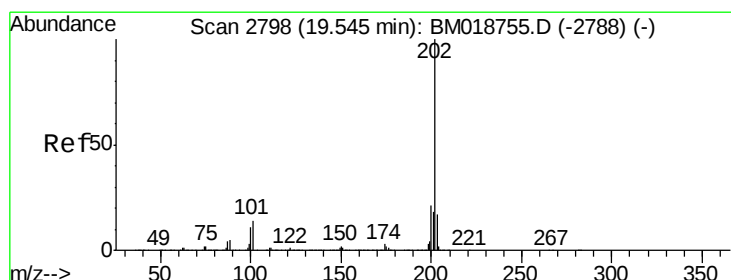
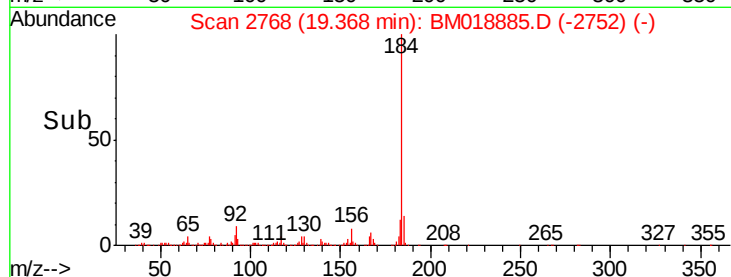
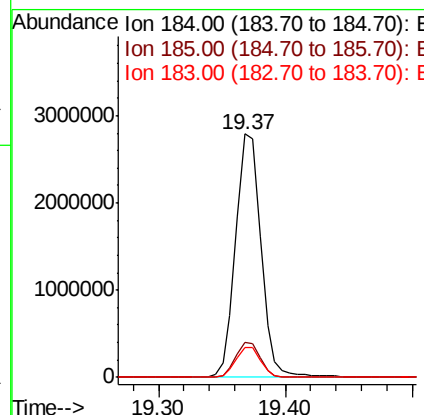
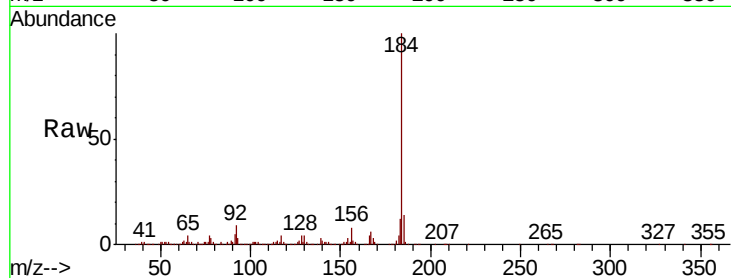
#77
Benzidine
Concen: 109.266 ng
RT: 19.37 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.2	16.8
183	12.3	9.7	14.5

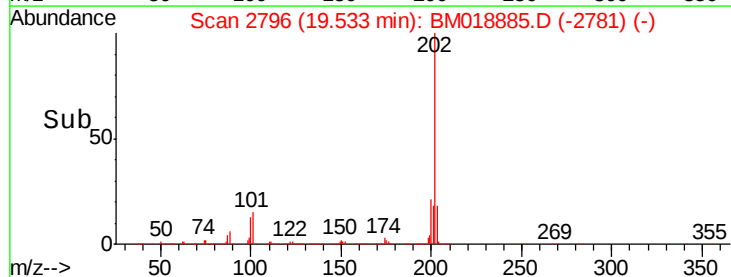
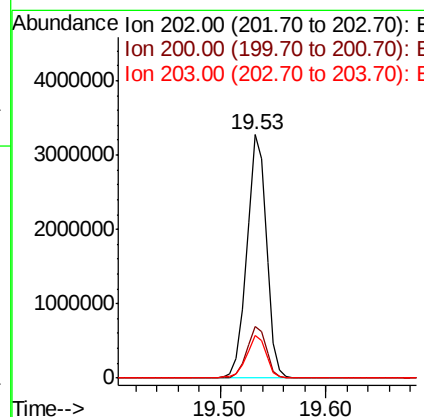
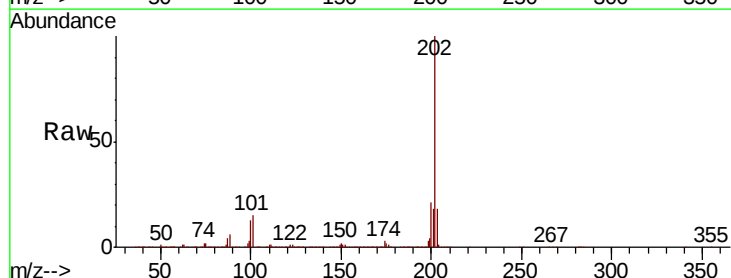
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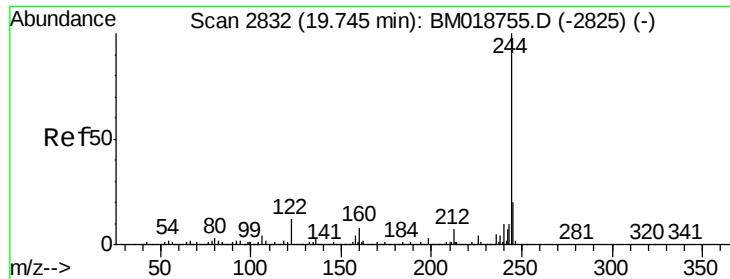
Sohil
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#78
Pyrene
Concen: 45.490 ng
RT: 19.53 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.6	13.8	20.8





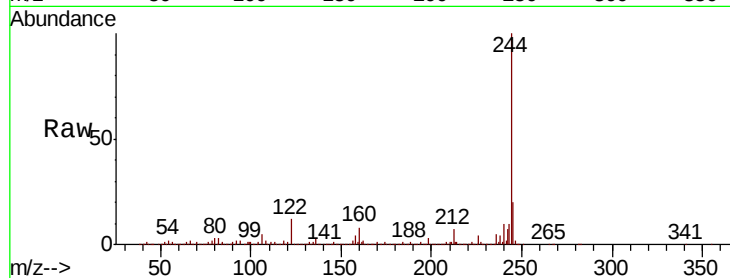
#79
 Terphenyl-d14
 Concen: 90.941 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.1	9.3	13.9

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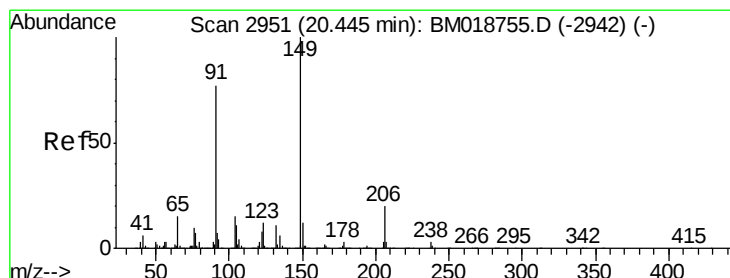
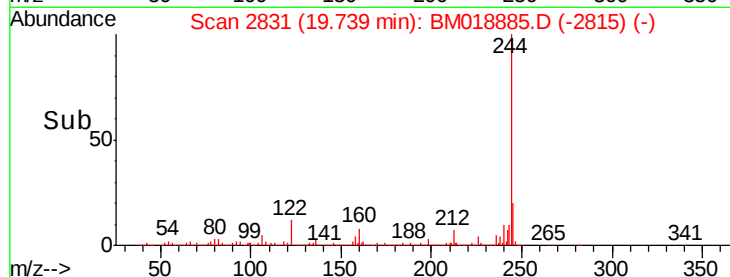
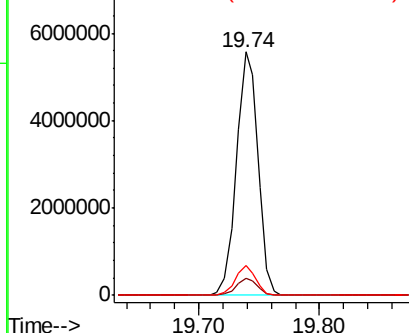


Abundance

Ion 244.00 (243.70 to 244.70): E

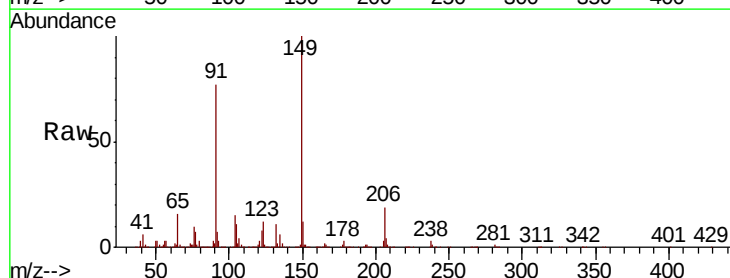
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 46.620 ng
 RT: 20.44 min Scan# 2950
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.7	61.4	92.0
206	19.4	15.8	23.8

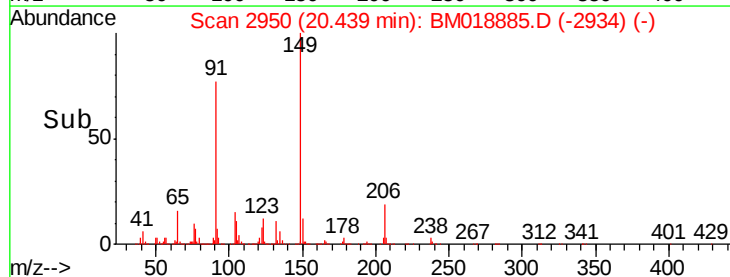
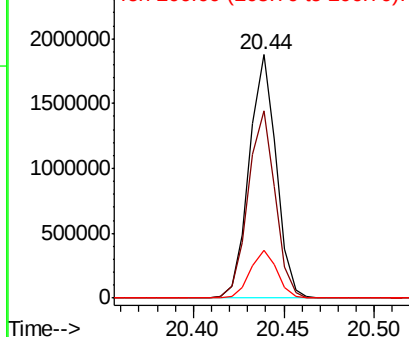


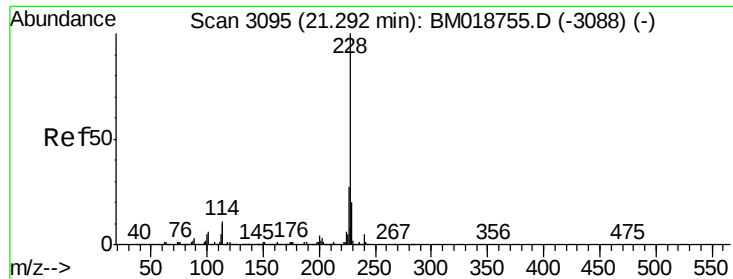
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.493 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

ClientSampleId :

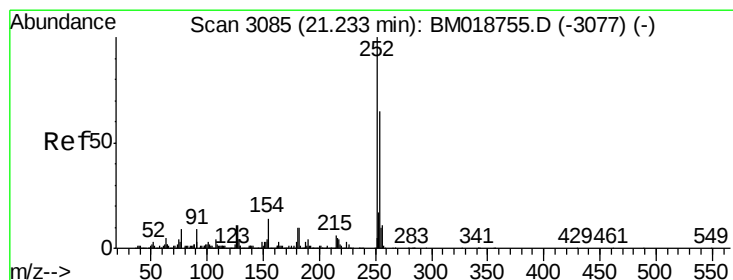
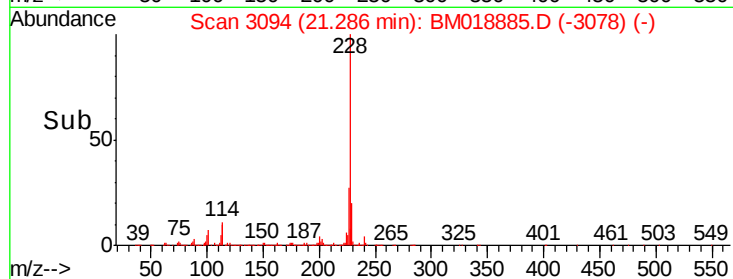
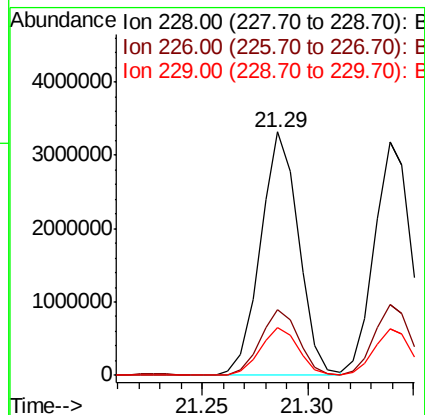
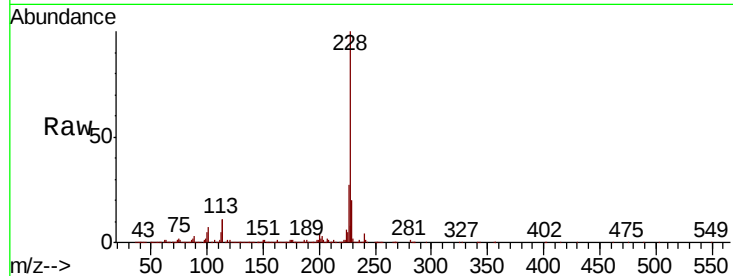
PB117235BSD

Tot Ion:228 Resp: 4169663

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.5	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 42.699 ng

RT: 21.23 min Scan# 3084

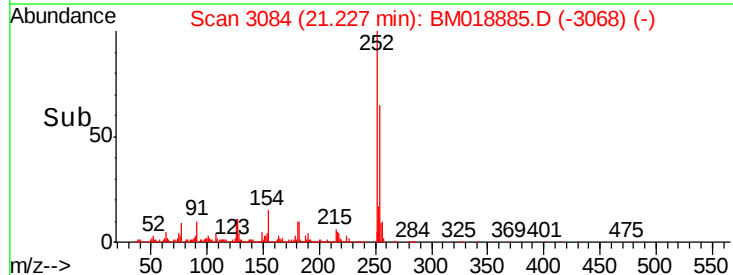
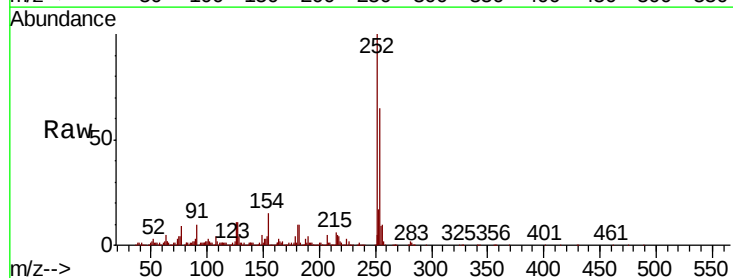
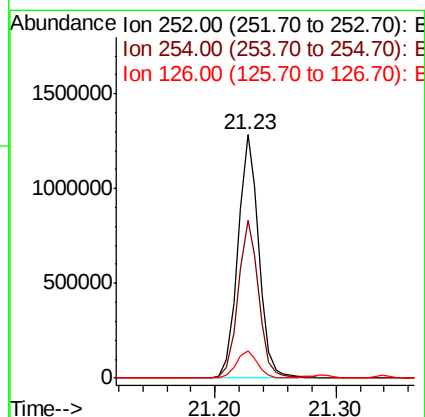
Delta R.T. -0.01 min

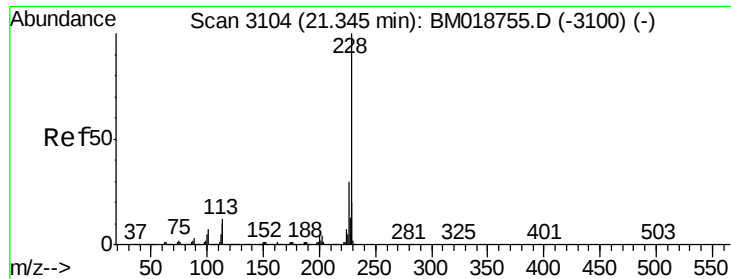
Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:252 Resp: 1546714

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.8	77.8
126	11.5	9.1	13.7





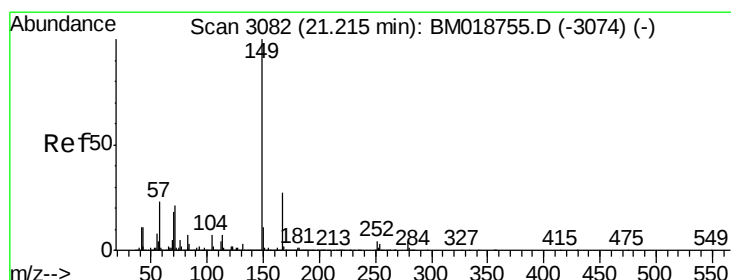
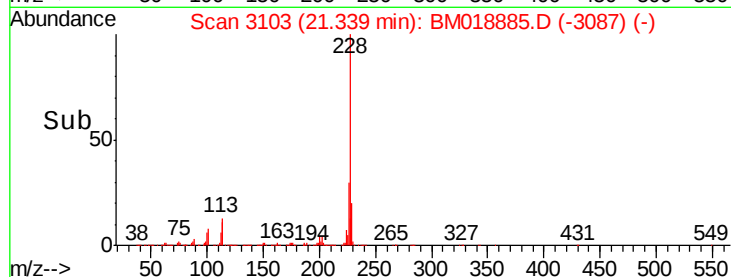
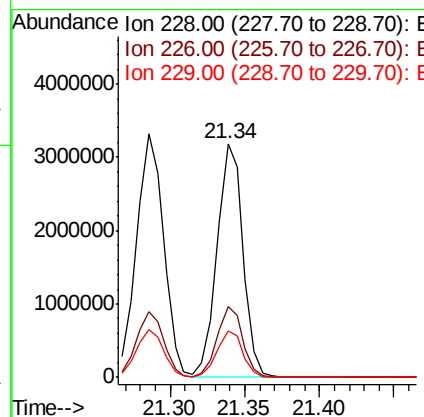
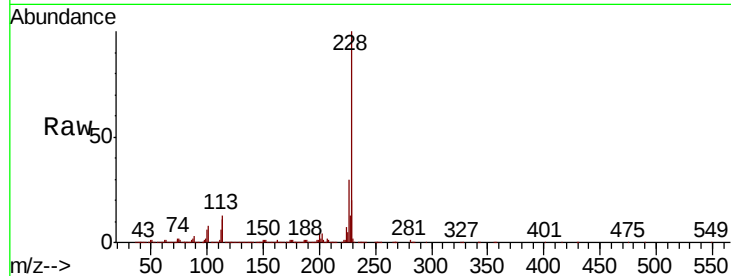
#83
 Chrysene
 Concen: 43.979 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	20.0	16.0	24.0

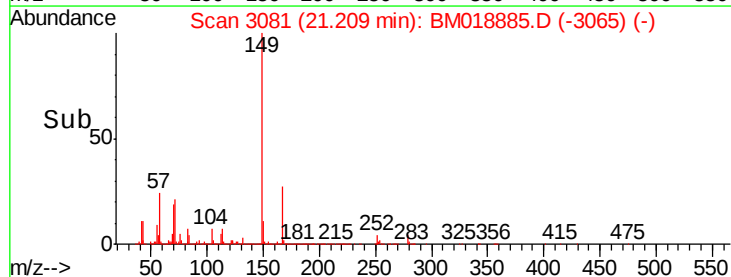
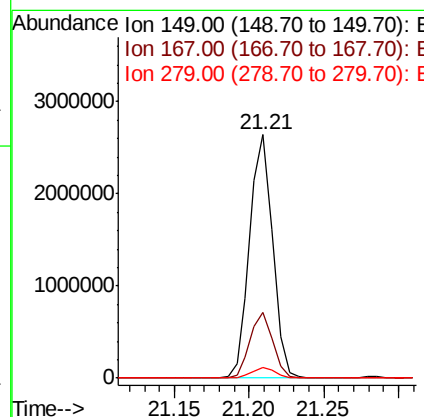
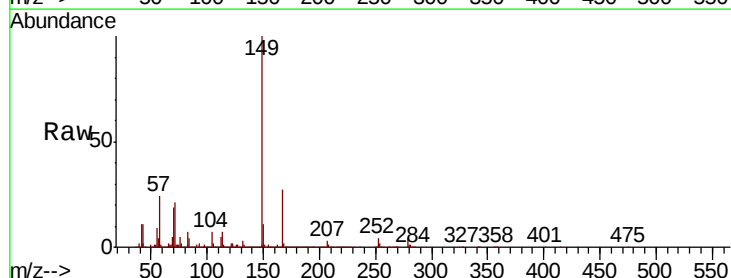
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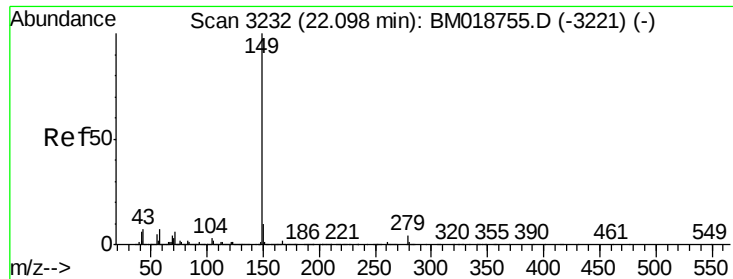
Sohil
 2/21/2019 10:08:50 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.280 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.01 min
 Lab File: BM018885.D
 Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.8	32.6
279	4.4	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 47.613 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Instrument :

BNA_M

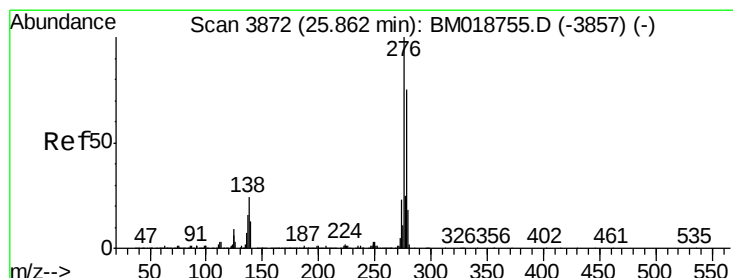
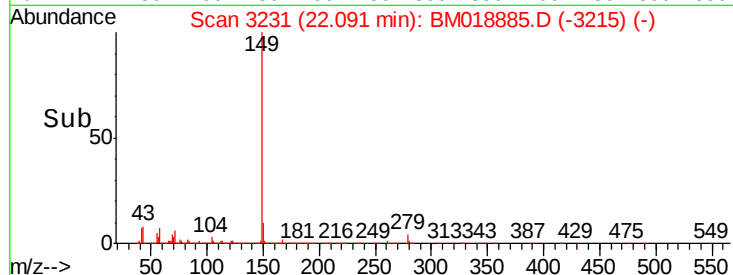
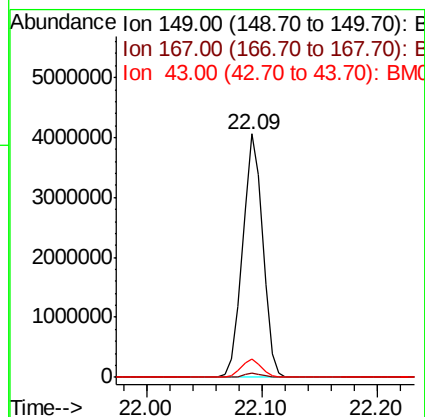
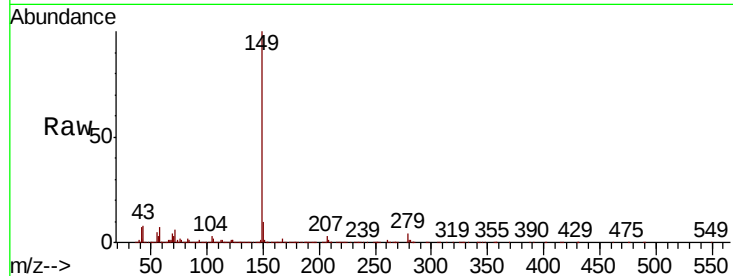
ClientSampled :

PB117235BSD

Tot Ion:	149	Resp:	4874479
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 39.988 ng

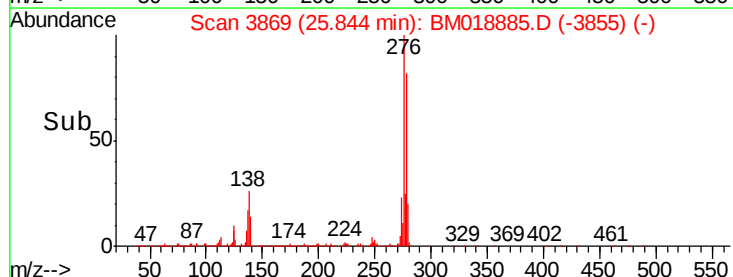
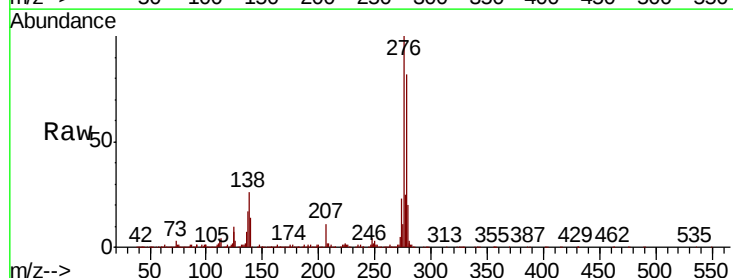
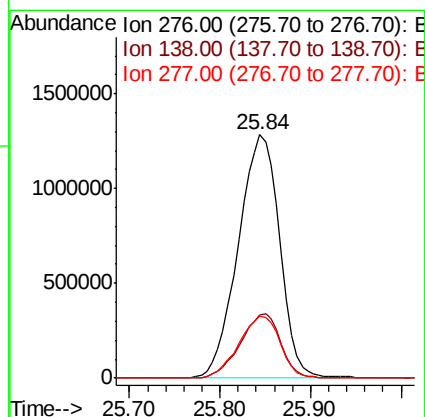
RT: 25.84 min Scan# 3869

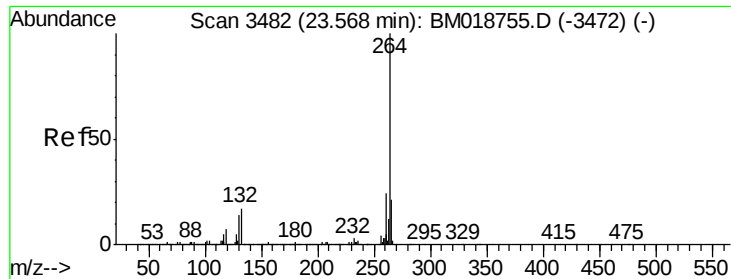
Delta R.T. -0.02 min

Lab File: BM018885.D

Acq: 20 Feb 2019 16:02

Tgt Ion:	276	Resp:	4055860
Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.2	30.4
277	25.4	20.3	30.5





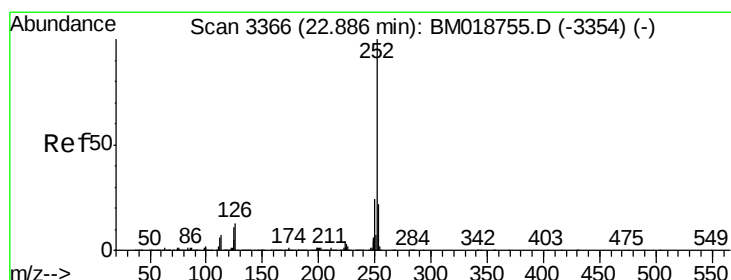
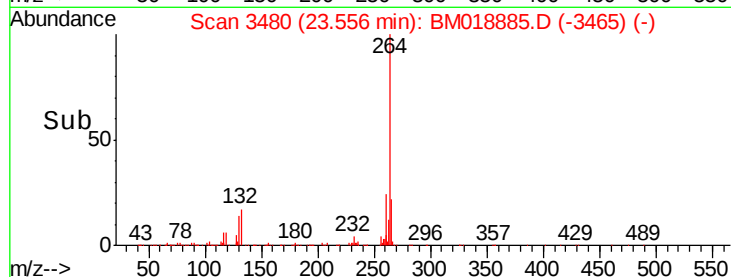
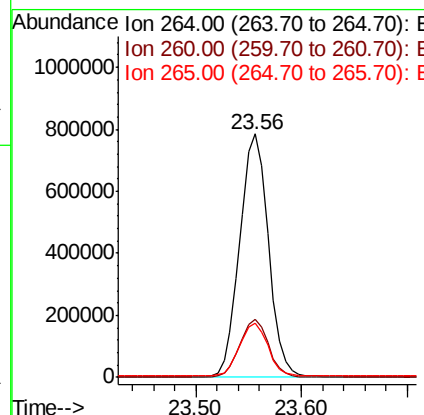
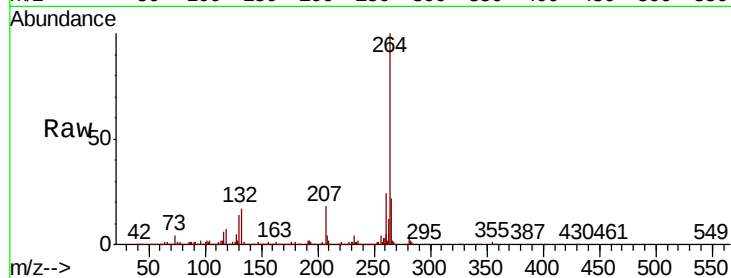
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.2	17.3	25.9

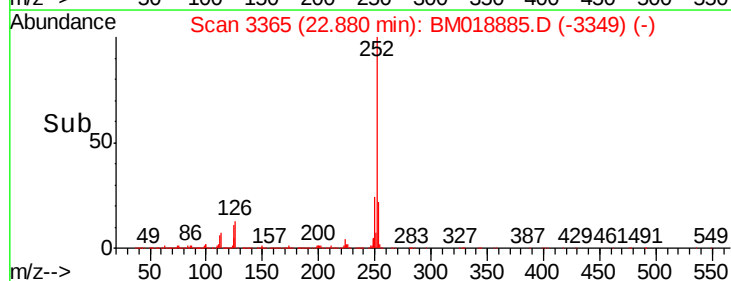
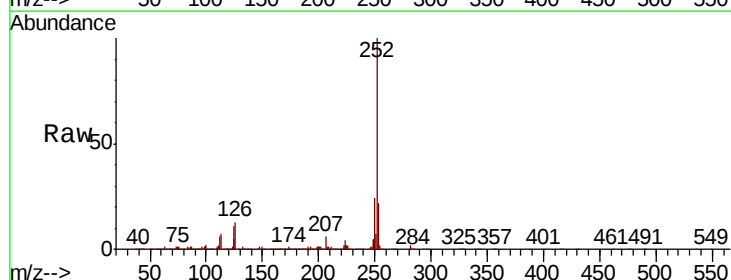
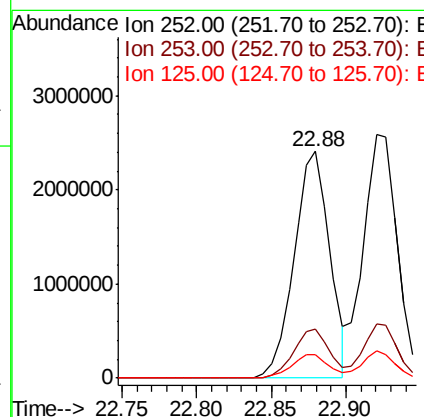
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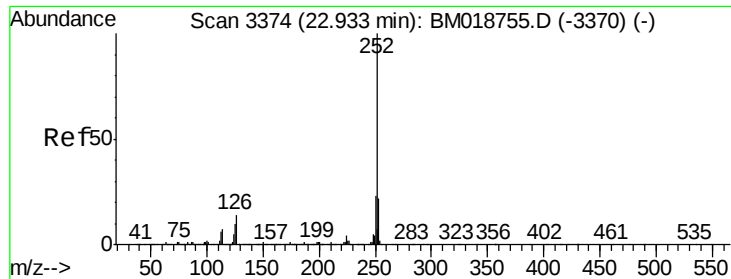
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.122 ng
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.6	8.6	12.8





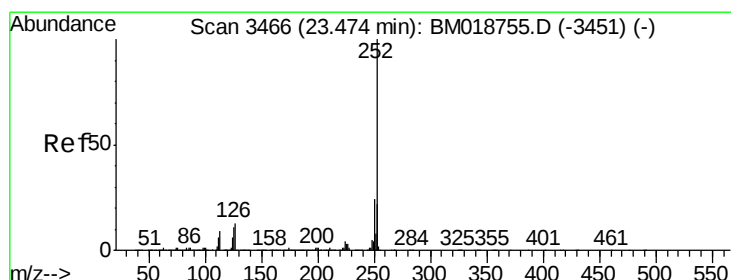
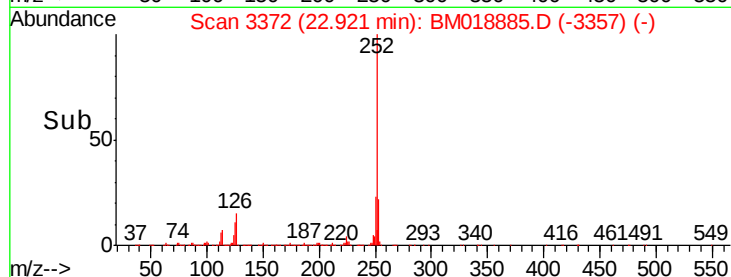
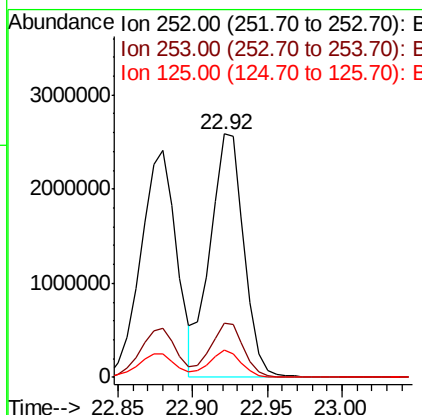
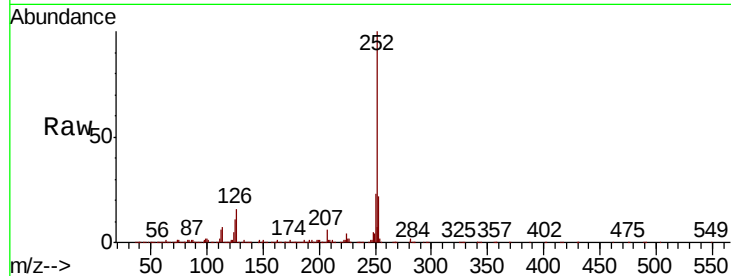
#89
Benzo(k)fluoranthene
Concen: 48.153 ng
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.0	8.2	12.4

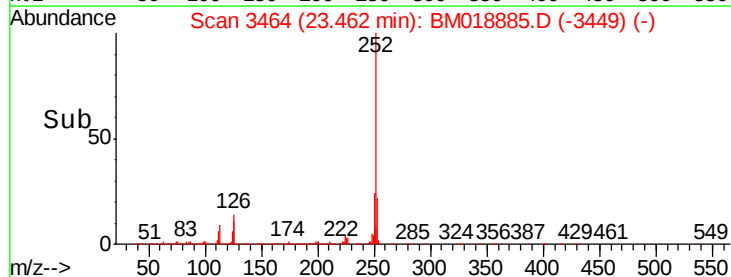
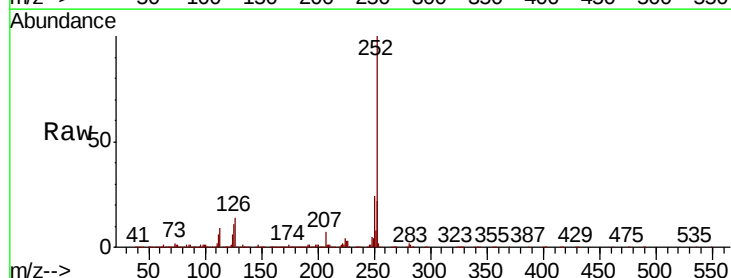
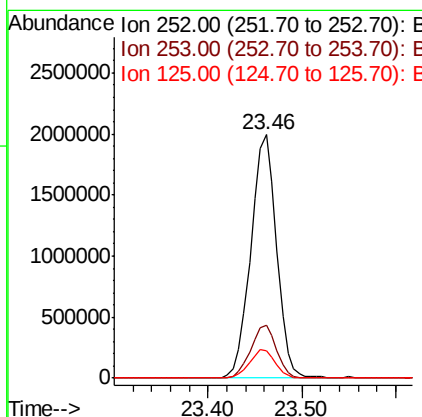
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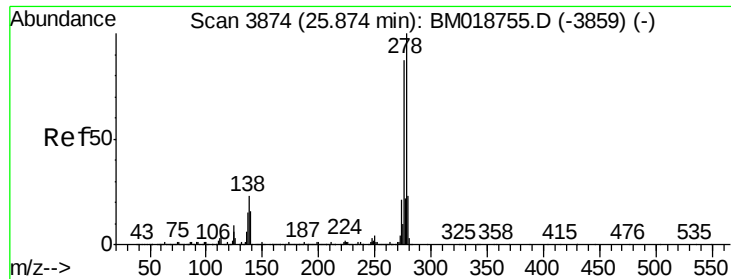
Sohil
2/21/2019 10:08:50 AM



#90
Benzo(a)pyrene
Concen: 47.085 ng
RT: 23.46 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.3	8.6	13.0





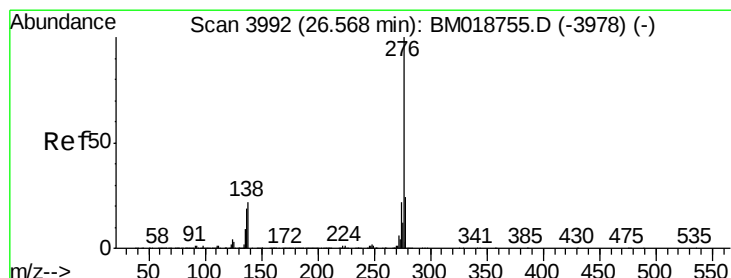
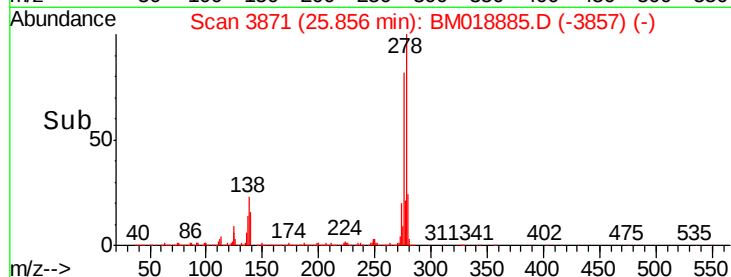
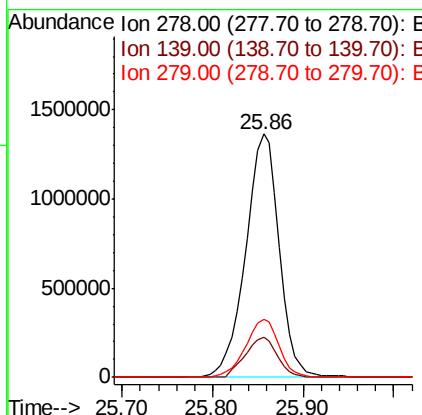
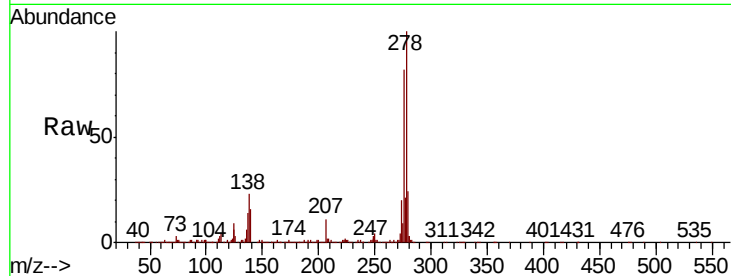
#91
Dibenzo(a,h)anthracene
Concen: 44.052 ng
RT: 25.86 min Scan# 3871
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Instrument :
BNA_M
ClientSampleId :
PB117235BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	12.6	18.8
279	23.7	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/21/2019 10:08:50 AM



#92
Benzo(g,h,i)perylene
Concen: 43.645 ng
RT: 26.54 min Scan# 3988
Delta R.T. -0.02 min
Lab File: BM018885.D
Acq: 20 Feb 2019 16:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	21.6	17.3	25.9

