

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022019\
 Data File : BM018884.D
 Acq On : 20 Feb 2019 15:05
 Operator : JU/SJ
 Sample : PB117235BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BS

Manual Integrations
 APPROVED

Sohil
 2/21/2019 10:08:48 AM

Quant Time: Feb 20 16:26:30 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	252268	20.00	ng	-0.02
21) Naphthalene-d8	10.49	136	1089163	20.00	ng	-0.02
39) Acenaphthene-d10	14.35	164	647384	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1468653	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1591779	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1459215	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1222546	79.40	ng	-0.01
7) Phenol-d6	6.88	99	1788074	82.44	ng	-0.01
23) Nitrobenzene-d5	8.87	82	1931539	82.00	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	773924	82.93	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3896761	79.90	ng	-0.01
79) Terphenyl-d14	19.74	244	7167296	92.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	266449	39.734	ng	98
3) Pyridine	3.65	79	834819	45.639	ng	99
4) n-Nitrosodimethylamine	3.57	42	237168	50.967	ng	92
6) Aniline	7.05	93	1228217	46.216	ng	100
8) 2-Chlorophenol	7.26	128	741367	43.857	ng	98
9) Benzaldehyde	6.86	77	478168	40.465	ng	96
10) Phenol	6.90	94	1010591	44.281	ng	100
11) bis(2-Chloroethyl)ether	7.14	93	740612	42.542	ng	99
12) 1,3-Dichlorobenzene	7.59	146	799157	42.044	ng	99
13) 1,4-Dichlorobenzene	7.73	146	814069	42.069	ng	99
14) 1,2-Dichlorobenzene	8.05	146	782221	42.083	ng	99
15) Benzyl Alcohol	7.95	79	771511	44.766	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	733971	43.560	ng	97
17) 2-Methylphenol	8.15	107	655872	45.153	ng	98
18) Hexachloroethane	8.76	117	298525	42.261	ng	97
19) n-Nitroso-di-n-propylamine	8.51	70	744051	44.305	ng	99
20) 3+4-Methylphenols	8.48	107	895196	44.631	ng	98
22) Acetophenone	8.53	105	1222744	40.880	ng	# 98
24) Nitrobenzene	8.91	77	1045032	42.741	ng	100
25) Isophorone	9.43	82	1873575	49.849	ng	99
26) 2-Nitrophenol	9.62	139	416149	42.739	ng	100
27) 2,4-Dimethylphenol	9.67	122	696824	48.998	ng	99
28) bis(2-Chloroethoxy)methane	9.91	93	1066679	43.888	ng	99
29) 2,4-Dichlorophenol	10.14	162	712468	43.630	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	770816	40.874	ng	98
31) Naphthalene	10.54	128	2395128	45.090	ng	100
32) Benzoic acid	9.83	122	467468	37.682	ng	97
33) 4-Chloroaniline	10.66	127	1055718	44.460	ng	100
34) Hexachlorobutadiene	10.80	225	417090	38.103	ng	99
35) Caprolactam	11.48	113	254178m	38.140	ng	
36) 4-Chloro-3-methylphenol	11.79	107	869749	44.176	ng	100
37) 2-Methylnaphthalene	12.16	142	1774766	47.455	ng	99
38) 1-Methylnaphthalene	12.38	142	1686826	46.124	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	833751	40.260	ng	99

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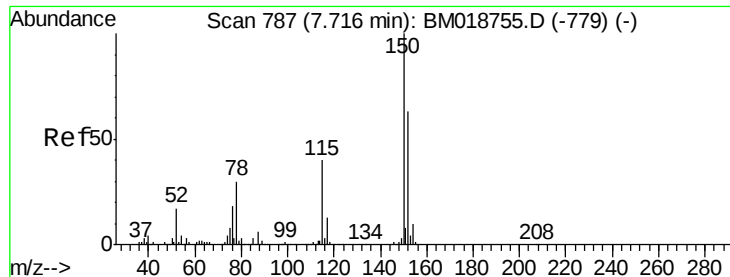
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	974426	92.031	nq	98
43) 2,4,6-Trichlorophenol	12.77	196	591699	43.160	nq	99
44) 2,4,5-Trichlorophenol	12.85	196	627805	43.690	nq	98
46) 1,1'-Biphenyl	13.18	154	2260833	40.571	nq	99
47) 2-Chloronaphthalene	13.22	162	1785109	41.474	nq	99
48) 2-Nitroaniline	13.45	65	639642	44.746	nq	99
49) Acenaphthylene	14.07	152	2938361	45.848	nq	99
50) Dimethylphthalate	13.82	163	2291584	42.474	nq	100
51) 2,6-Dinitrotoluene	13.95	165	509880	43.627	nq	99
52) Acenaphthene	14.42	154	1668600	42.460	nq	99
53) 3-Nitroaniline	14.28	138	535518	40.553	nq	99
54) 2,4-Dinitrophenol	14.49	184	472063	64.832	nq	98
55) Dibenzofuran	14.75	168	2745734	42.509	nq	100
56) 4-Nitrophenol	14.59	139	848050	80.448	nq	100
57) 2,4-Dinitrotoluene	14.73	165	722404	44.862	nq	97
58) Fluorene	15.40	166	2256195	45.658	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.98	232	580522	45.706	nq	99
60) Diethylphthalate	15.18	149	2362445	42.448	nq	100
61) 4-Chlorophenyl-phenylether	15.40	204	1109689	40.052	nq	98
62) 4-Nitroaniline	15.45	138	528570	40.828	nq	99
63) Azobenzene	15.69	77	2582235	43.273	nq	99
65) 4,6-Dinitro-2-methylphenol	15.49	198	362462	35.151	nq	97
66) n-Nitrosodiphenylamine	15.62	169	1961601	42.275	nq	100
67) 4-Bromophenyl-phenylether	16.29	248	658428	40.053	nq	96
68) Hexachlorobenzene	16.40	284	776537	40.640	nq	98
69) Atrazine	16.57	200	647735	43.301	nq	97
70) Pentachlorophenol	16.75	266	991633	80.600	nq	99
71) Phenanthrene	17.15	178	3547265	44.943	nq	100
72) Anthracene	17.24	178	3633571	47.298	nq	100
73) Carbazole	17.52	167	3300631	41.124	nq	100
74) Di-n-butylphthalate	18.07	149	4098708	44.403	nq	100
75) Fluoranthene	19.17	202	4144837	45.462	nq	99
77) Benzidine	19.37	184	3819358	106.540	nq	100
78) Pyrene	19.53	202	4260696	46.087	nq	100
80) Butylbenzylphthalate	20.43	149	1999531	47.458	nq	98
81) Benzo(a)anthracene	21.28	228	4170348	44.945	nq	100
82) 3,3'-Dichlorobenzidine	21.22	252	1549246	42.247	nq	100
83) Chrysene	21.34	228	3929612	44.185	nq	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	2920399	47.359	nq	99
85) Di-n-octyl phthalate	22.09	149	5022751	48.462	nq	100
86) Indeno(1,2,3-cd)pyrene	25.83	276	3910829	38.087	nq	100
88) Benzo(b)fluoranthene	22.87	252	3945620	47.260	nq	100
89) Benzo(k)fluoranthene	22.92	252	3980605	47.892	nq	99
90) Benzo(a)pyrene	23.45	252	3724038	47.086	nq	99
91) Dibenzo(a,h)anthracene	25.85	278	3373830	43.057	nq	99
92) Benzo(g,h,i)perylene	26.54	276	3071663	42.107	nq	99

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



#1

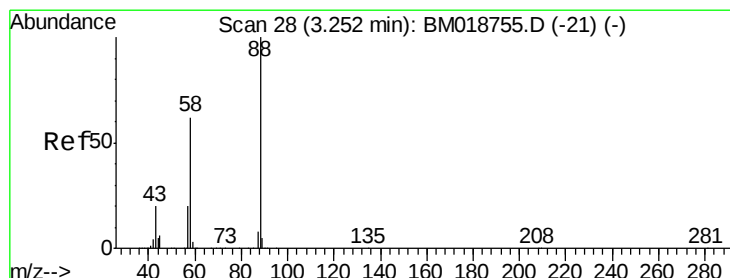
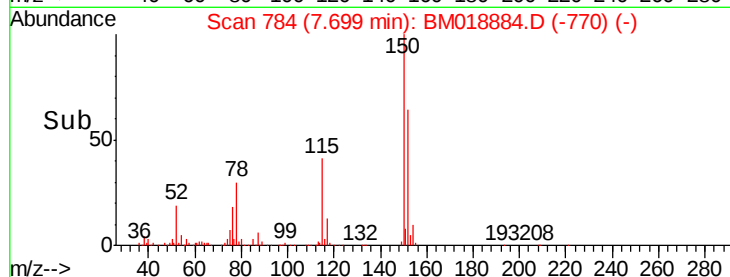
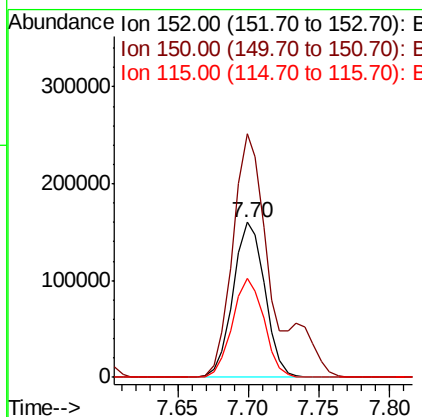
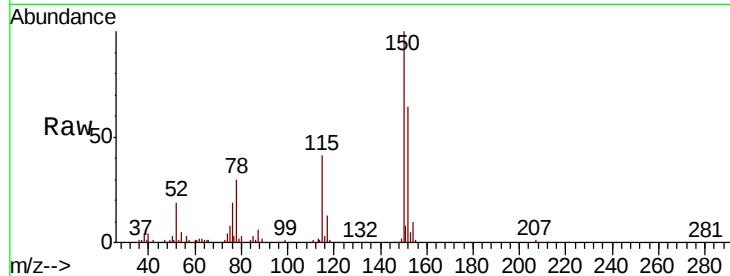
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 784
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.3	190.9
115	63.9	50.8	76.2

Manual Integrations
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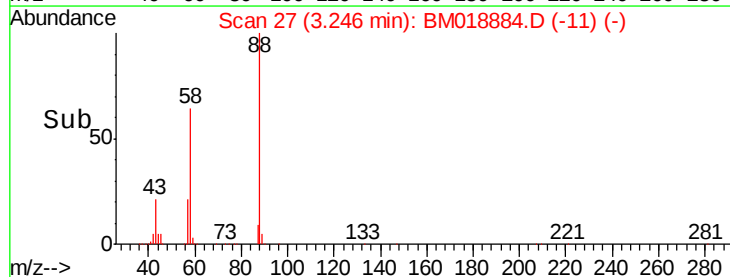
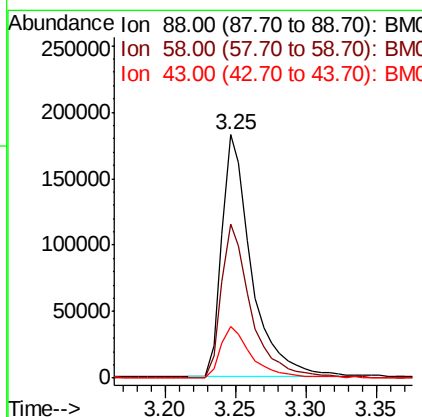
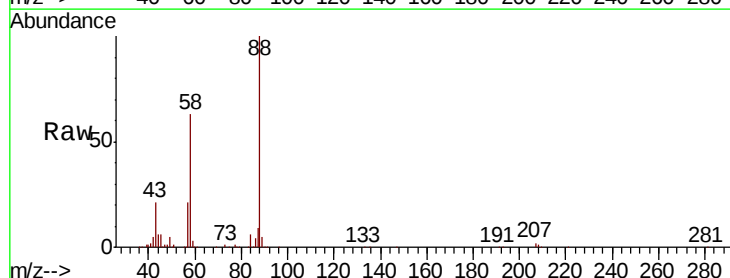
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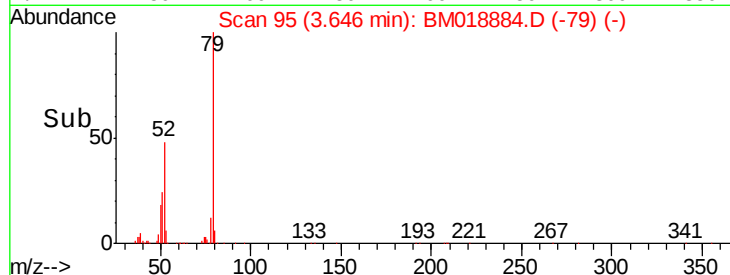
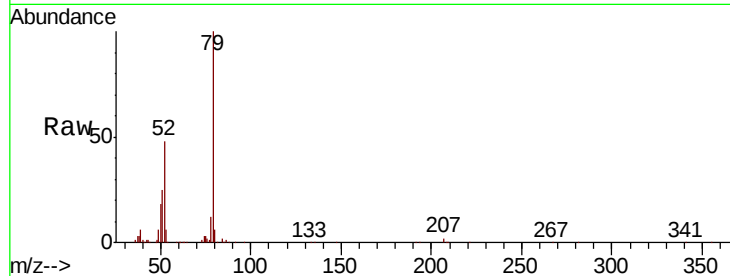
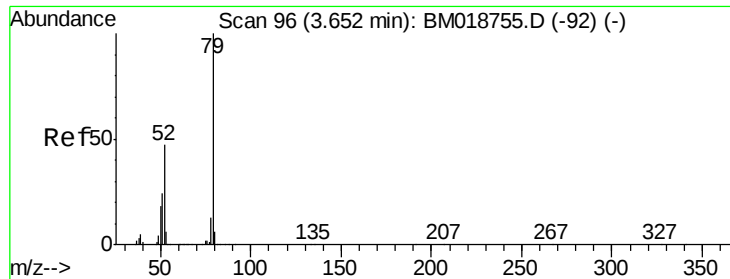


#2

1,4-Dioxane
Concen: 39.734 ng
RT: 3.25 min Scan# 27
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.8	49.8	74.6
43	21.5	16.7	25.1





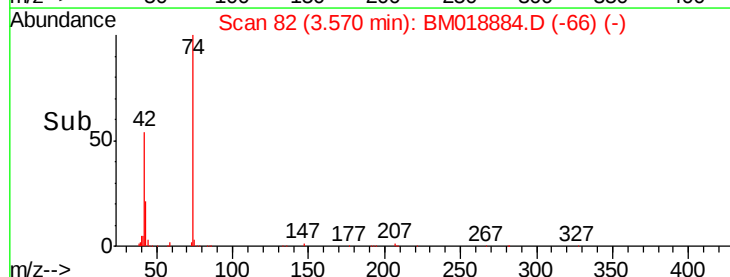
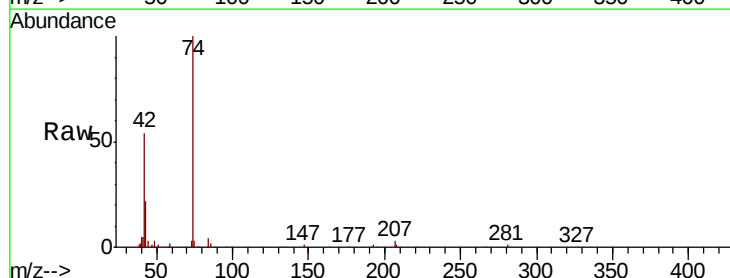
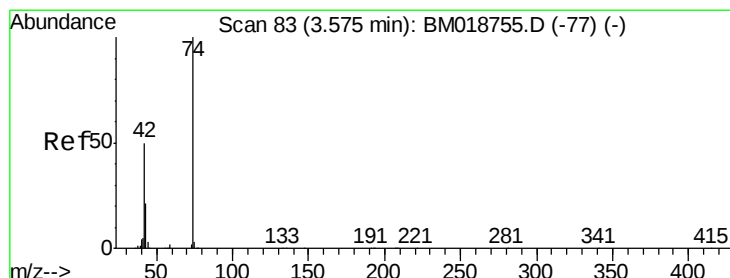
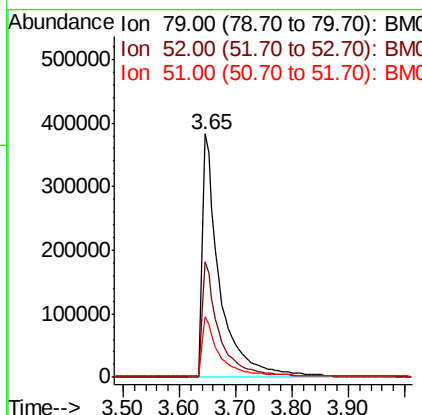
#3
 Pvridine
 Concen: 45.639 ng
 RT: 3.65 min Scan# 95
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Tot Ion	Ratio	Lower	Upper
79	100		
52	47.7	37.6	56.4
51	24.7	19.7	29.5

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BS

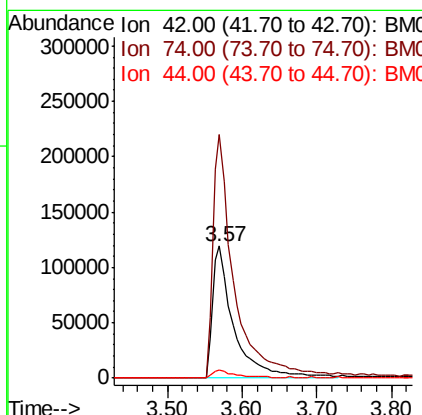
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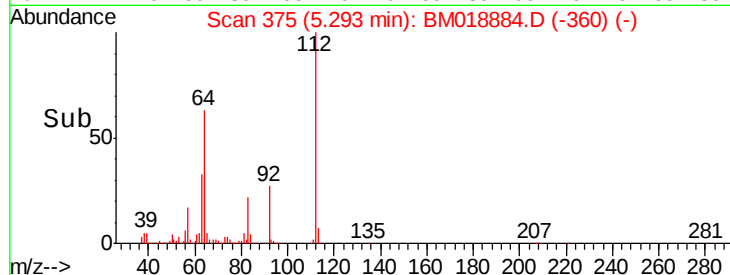
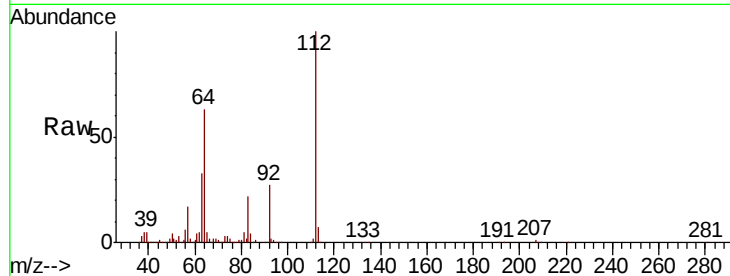
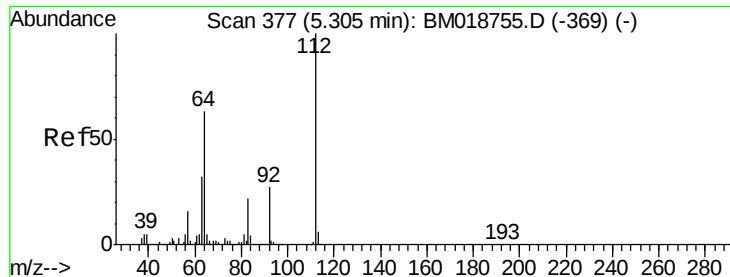
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#4
 n-Nitrosodimethylamine
 Concen: 50.967 ng
 RT: 3.57 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
42	100		
74	184.4	158.1	237.1
44	6.1	4.9	7.3





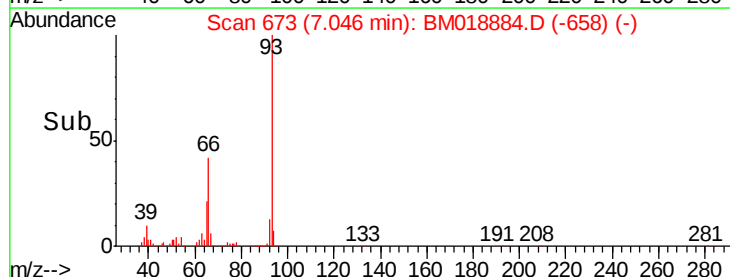
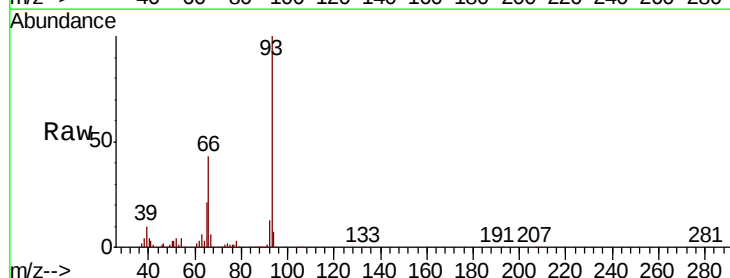
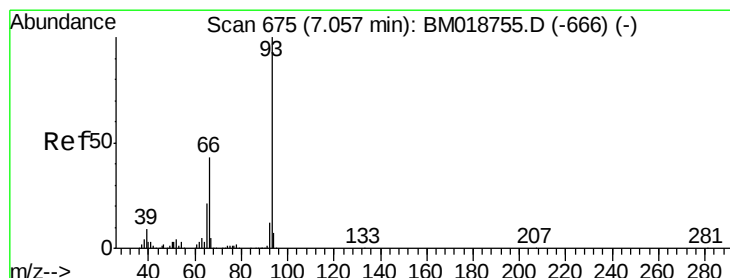
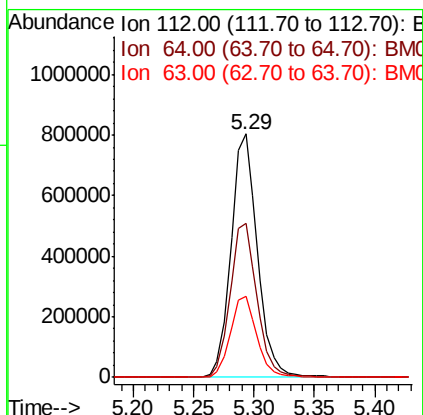
#5
2-Fluorophenol
Concen: 79.404 ng
RT: 5.29 min Scan# 375
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.6	75.8
63	33.2	25.7	38.5

Instrument :
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ClientSampled :
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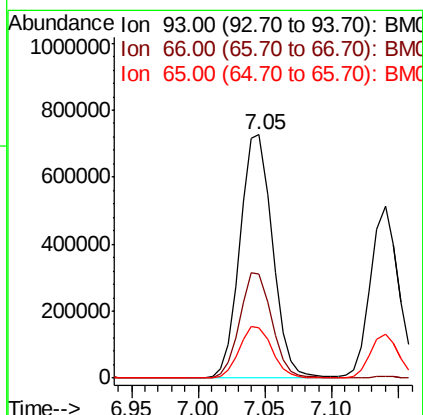
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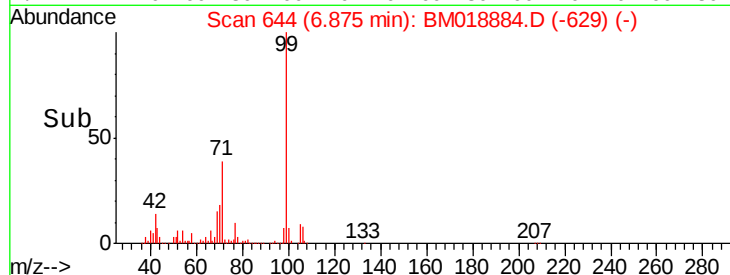
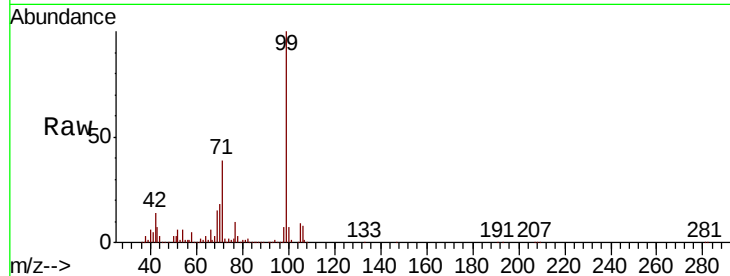
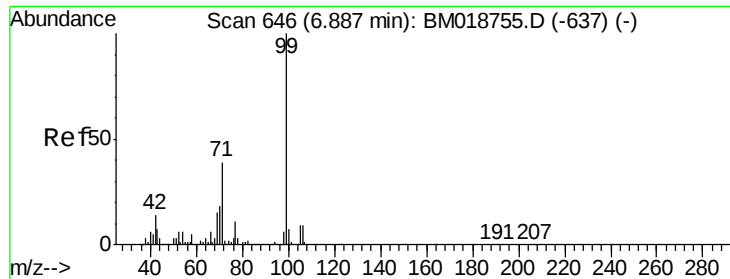
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#6
Aniline
Concen: 46.216 ng
RT: 7.05 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.5	34.1	51.1
65	20.9	16.6	24.8





#7

Phenol-d6

Concen: 82.438 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tot Ion:	99	Resp:	1788074
Ion	Ratio	Lower	Upper
99	100		
42	14.4	11.0	16.6
71	38.7	31.3	46.9

Instrument :

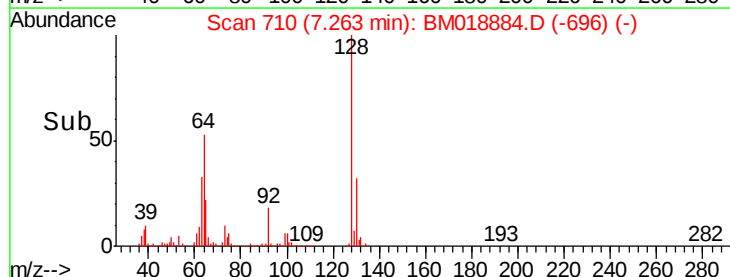
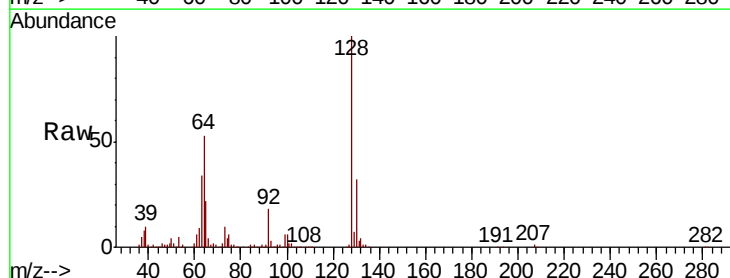
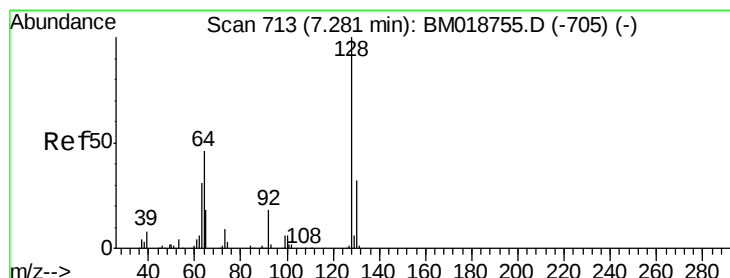
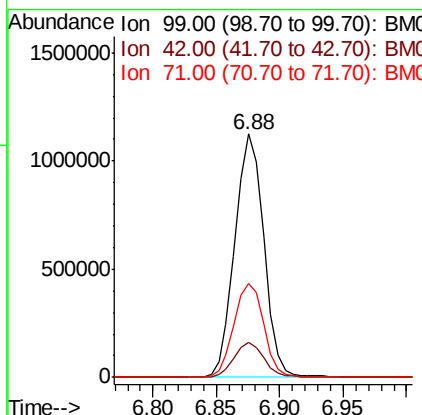
BNA_M

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#8

2-Chlorophenol

Concen: 43.857 ng

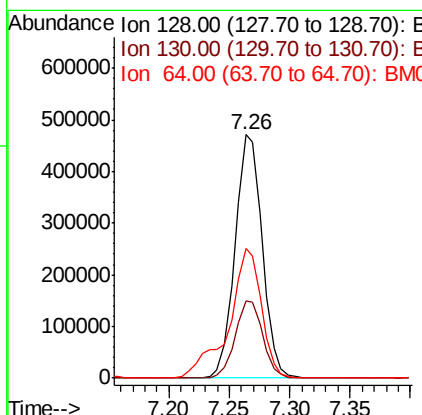
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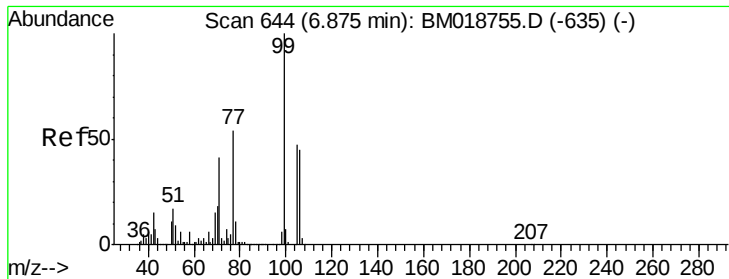
Delta R.T. -0.02 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	128	Resp:	741367
Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.7	51.7
64	53.1	31.0	71.0





#9

Benzaldehyde

Concen: 40.465 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.02 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

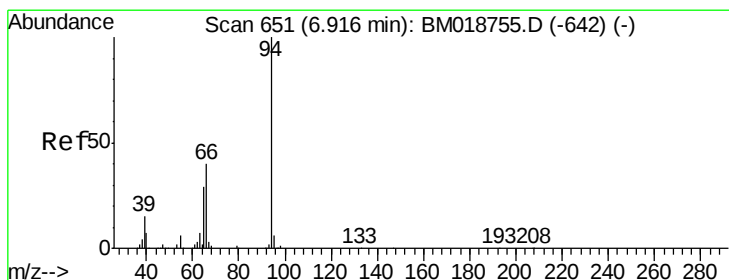
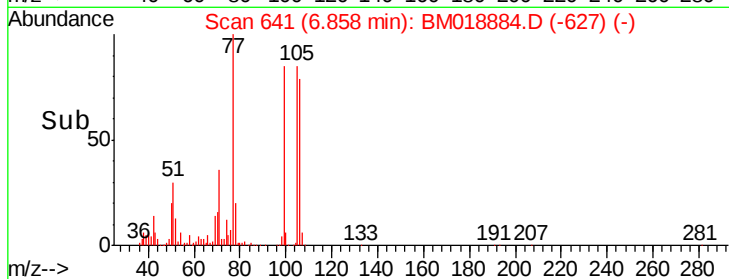
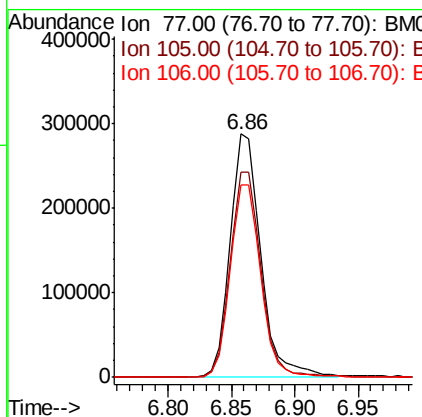
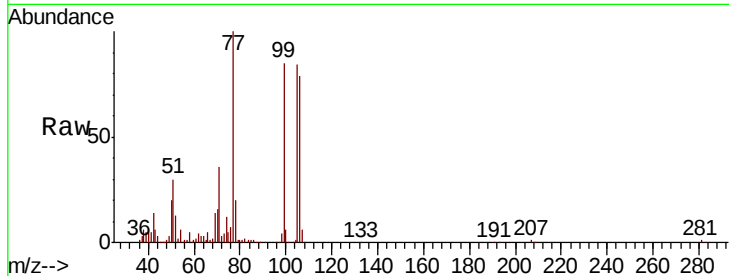
ClientSampleId :

PB117235BS

Tot Ion:	77	Resp:	478168
Ion Ratio	Lower	Upper	
77	100		
105	84.4	67.3	107.3
106	78.8	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 44.281 ng

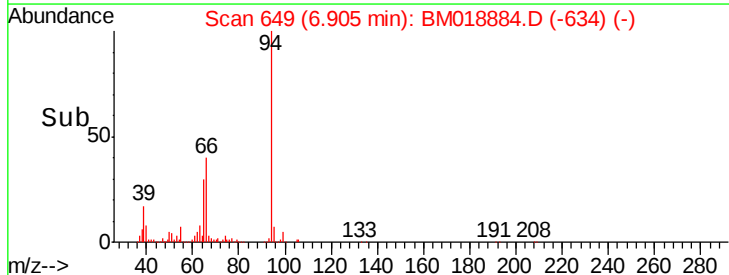
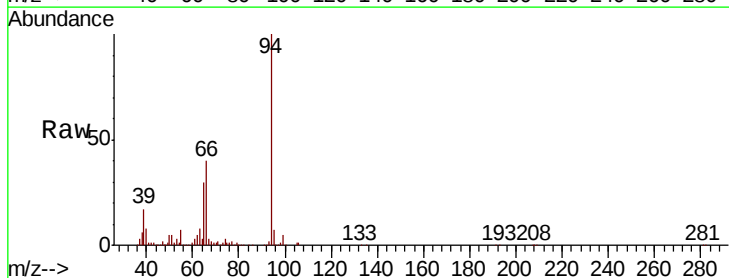
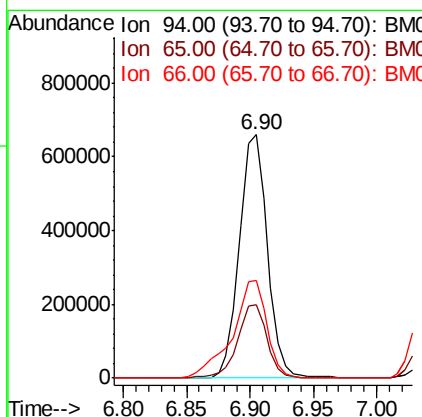
RT: 6.90 min Scan# 649

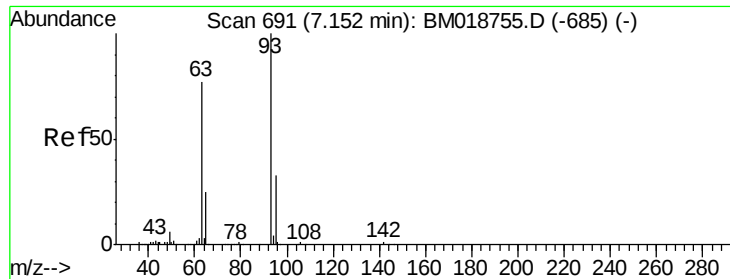
Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	94	Resp:	1010591
Ion Ratio	Lower	Upper	
94	100		
65	30.0	9.6	49.6
66	40.4	20.4	60.4





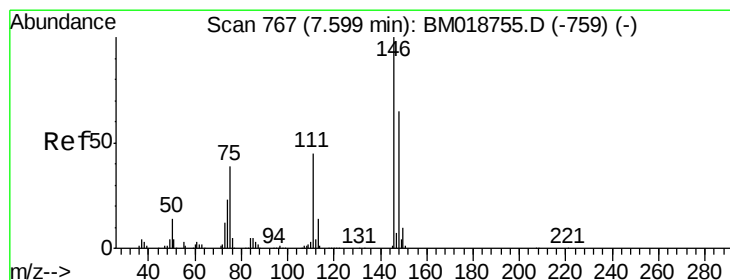
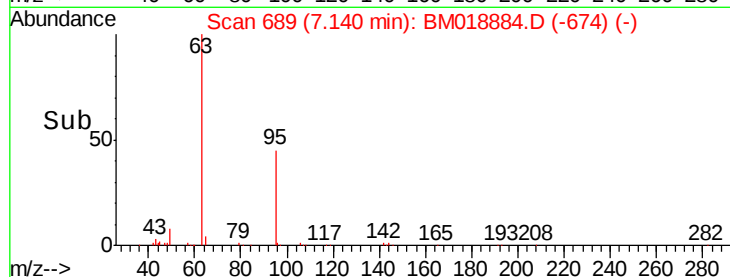
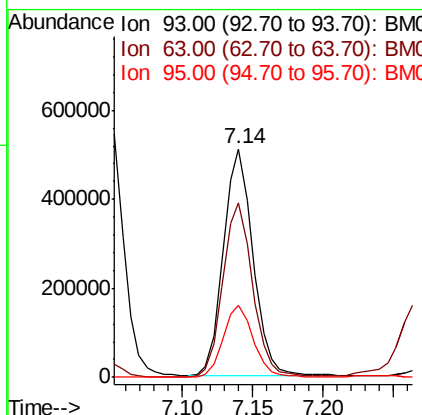
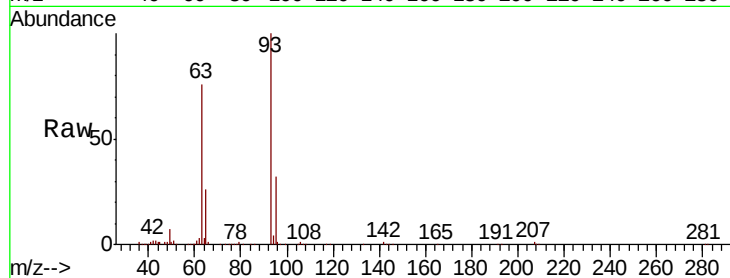
#11
bis(2-Chloroethyl)ether
Concen: 42.542 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.5	57.0	97.0
95	31.8	12.4	52.4

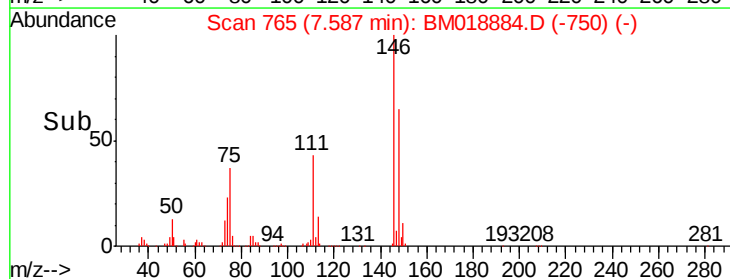
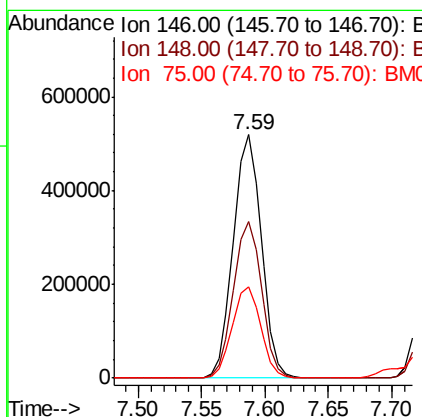
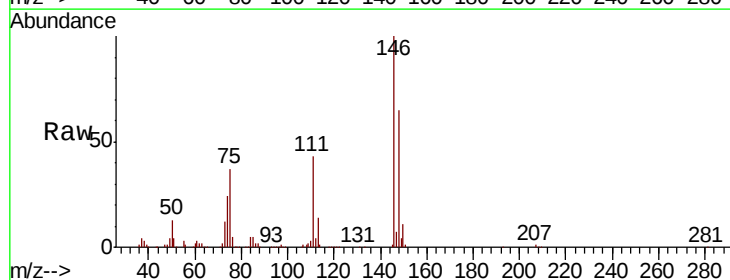
Manual Integrations
APPROVED

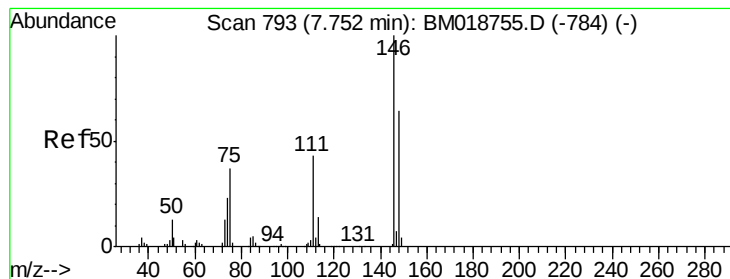
Sohil
2/21/2019 10:08:48 AM



#12
1,3-Dichlorobenzene
Concen: 42.044 ng
RT: 7.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.7	77.5
75	37.4	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 42.069 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.02 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

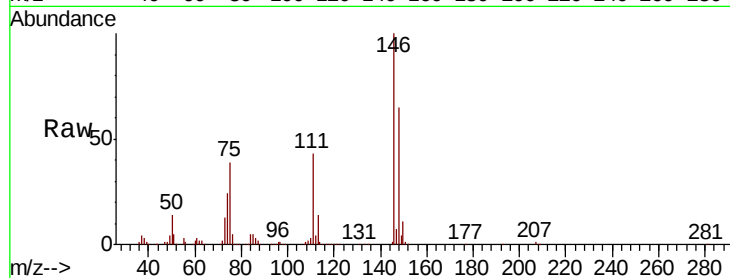
ClientSampleId :

PB117235BS

Tot Ion:	146	Resp:	814069
Ion Ratio	Lower	Upper	
146	100		
148	64.9	51.4	77.2
111	43.5	34.6	52.0

Manual Integrations
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Sohil
2/21/2019 10:08:48 AM

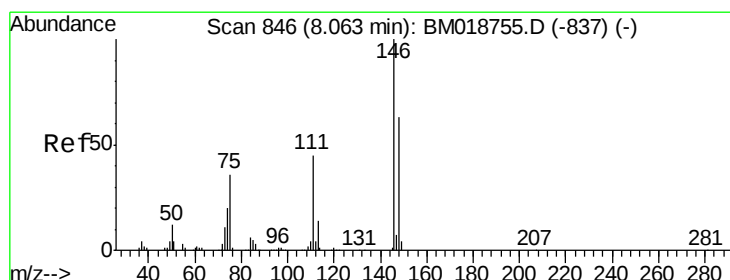
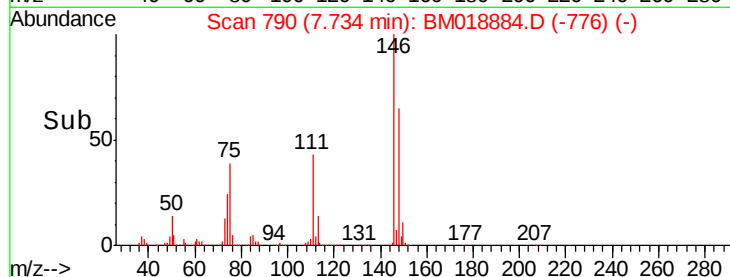
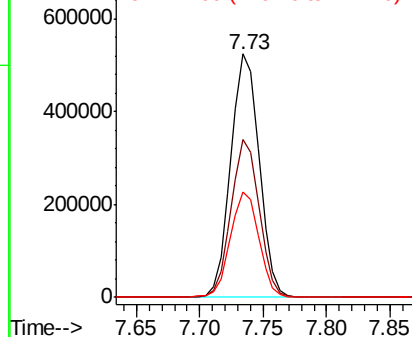


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.083 ng

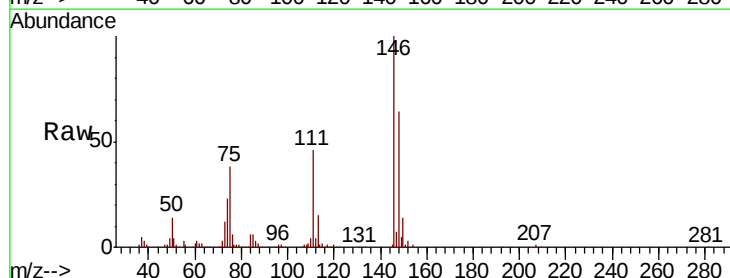
RT: 8.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	146	Resp:	782221
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.7	76.1
111	45.8	35.9	53.9

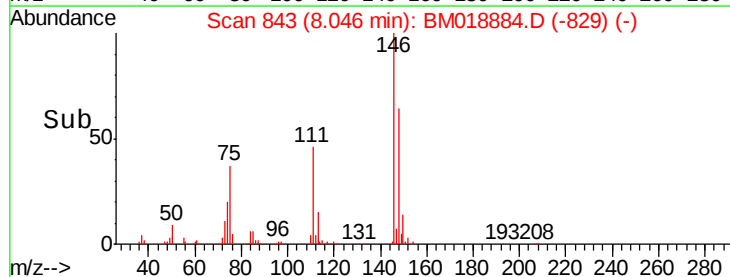
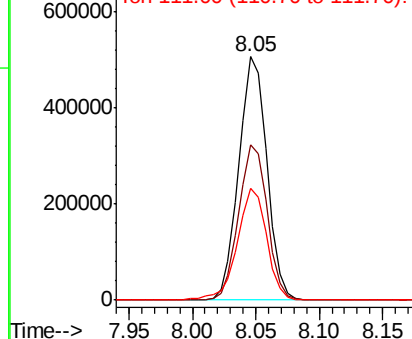


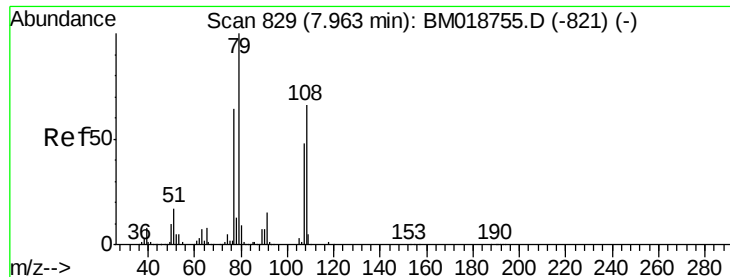
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.766 ng

RT: 7.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

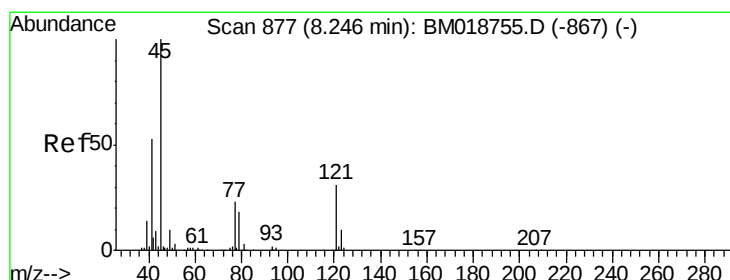
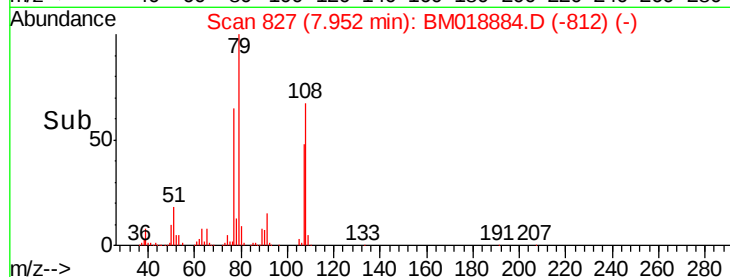
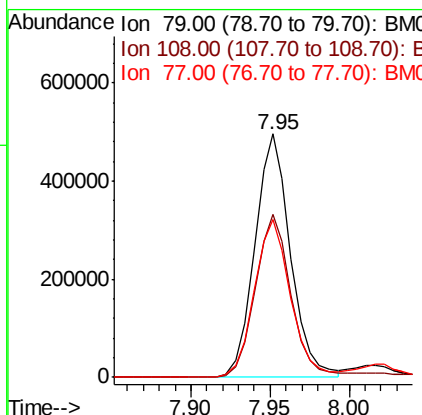
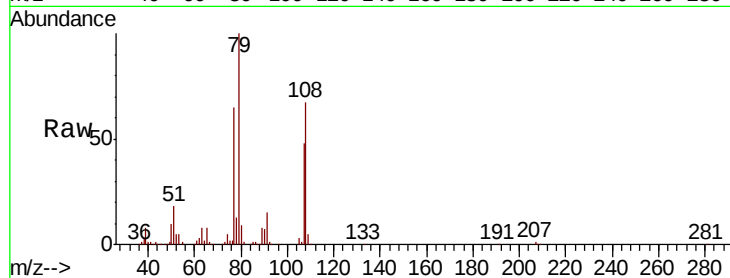
ClientSampleId :

PB117235BS

Tot Ion:	79	Resp:	771511
Ion Ratio	Lower	Upper	
79	100		
108	66.9	52.7	79.1
77	64.7	51.0	76.4

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.560 ng

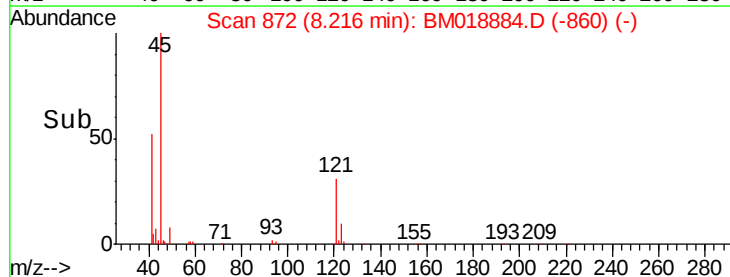
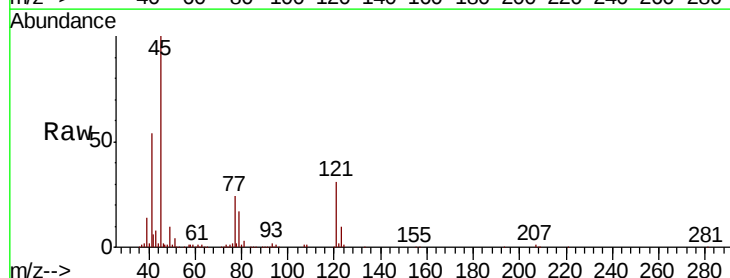
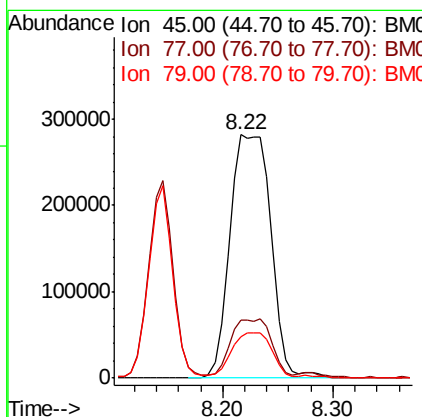
RT: 8.22 min Scan# 872

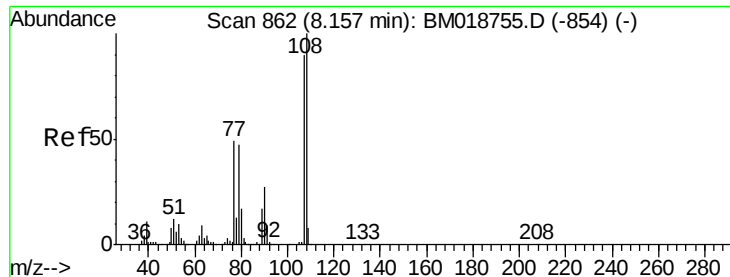
Delta R.T. -0.03 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	45	Resp:	733971
Ion Ratio	Lower	Upper	
45	100		
77	23.7	5.0	45.0
79	17.2	0.0	39.3





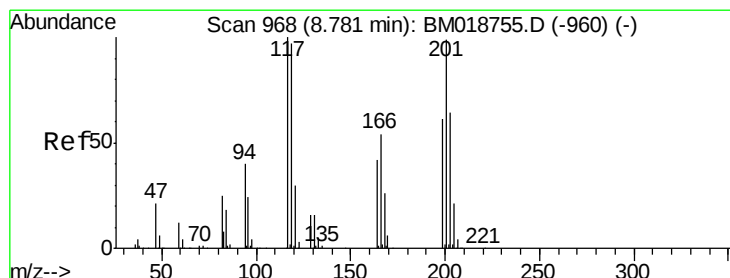
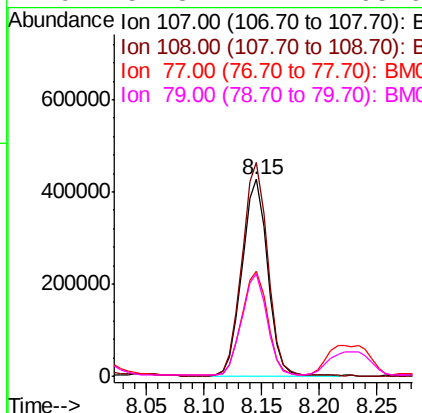
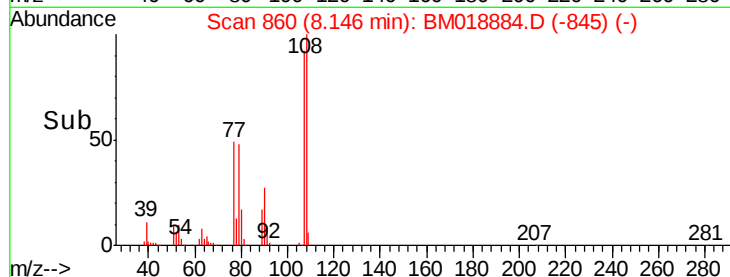
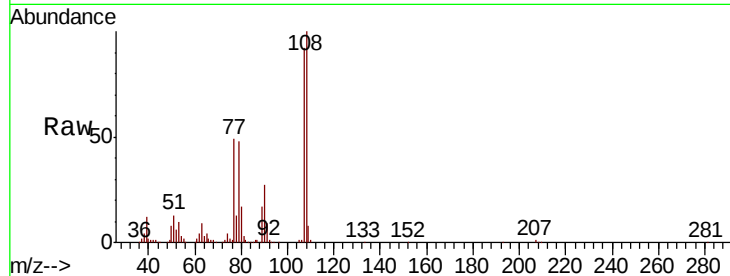
#17
2-Methylphenol
Concen: 45.153 ng
RT: 8.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion:	107	Resp:	655872
Ion Ratio	Lower	Upper	
107	100		
108	108.4	88.8	133.2
77	53.6	44.0	66.0
79	52.3	42.4	63.6

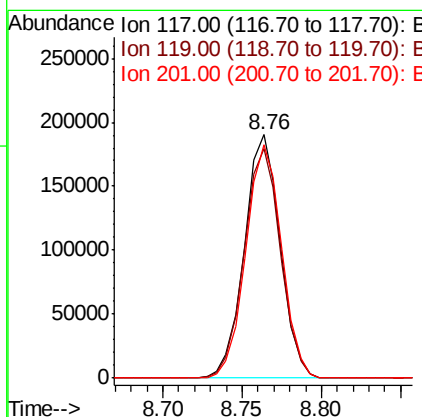
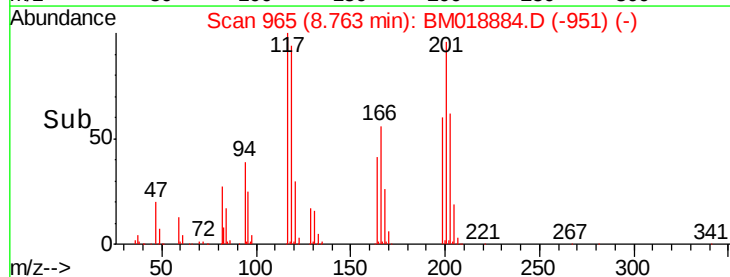
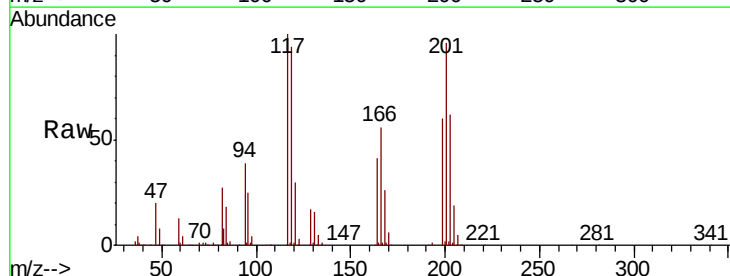
Manual Integrations
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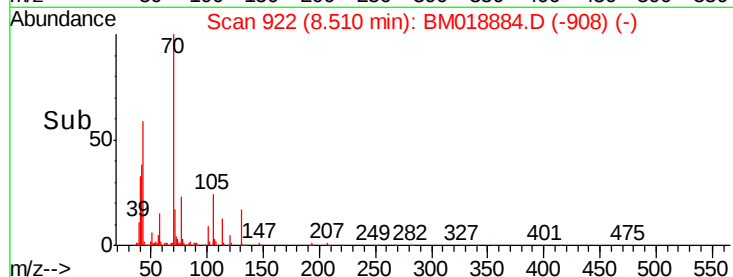
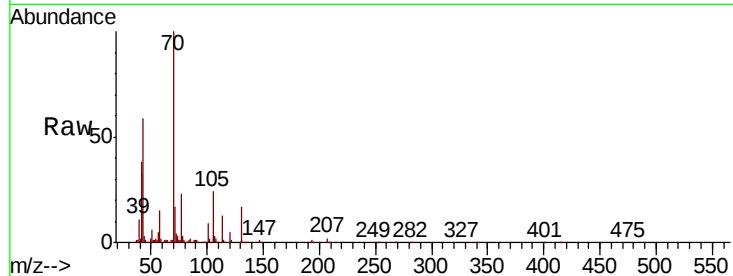
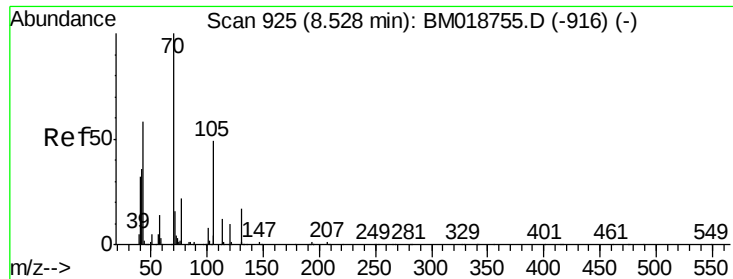
Sohil
2/21/2019 10:08:48 AM



#18
Hexachloroethane
Concen: 42.261 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion:	117	Resp:	298525
Ion Ratio	Lower	Upper	
117	100		
119	94.3	77.9	116.9
201	95.6	79.2	118.8





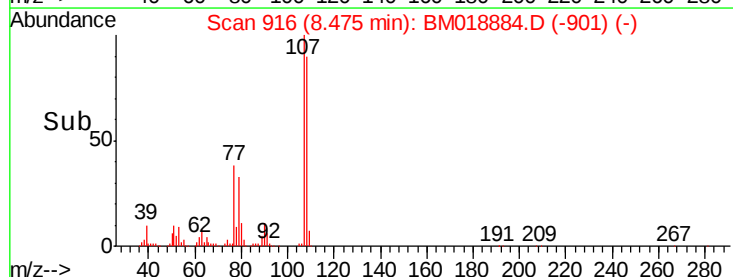
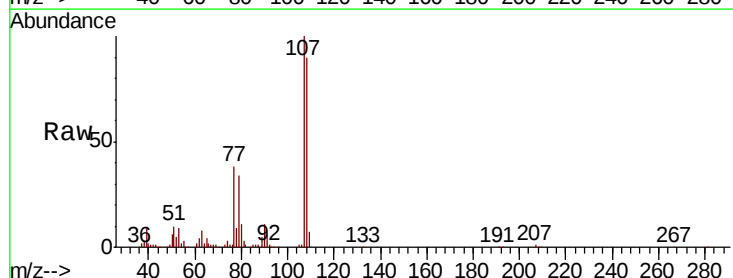
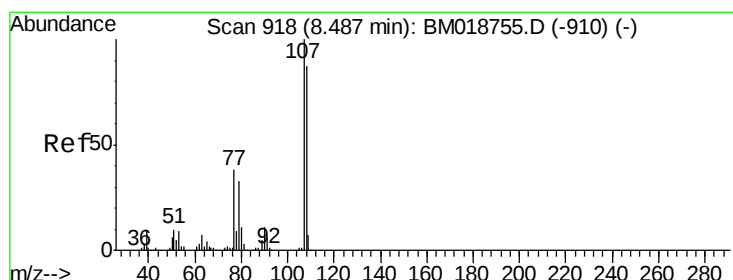
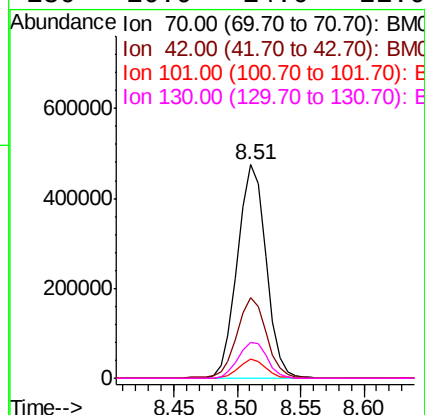
#19
n-Nitroso-di-n-propylamine
Concen: 44.305 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.5	29.4	44.0		
101	8.7	6.7	10.1		
130	16.9	14.0	21.0		

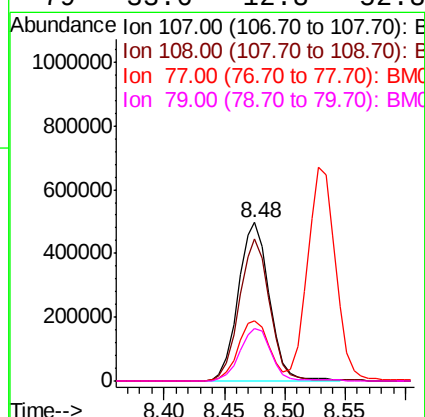
Manual Integrations
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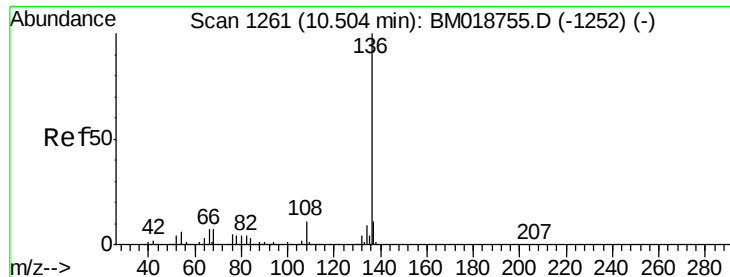
Sohil
2/21/2019 10:08:48 AM



#20
3+4-Methylphenols
Concen: 44.631 ng
RT: 8.48 min Scan# 916
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.6	67.3	107.3		
77	38.4	18.0	58.0		
79	33.6	12.8	52.8		





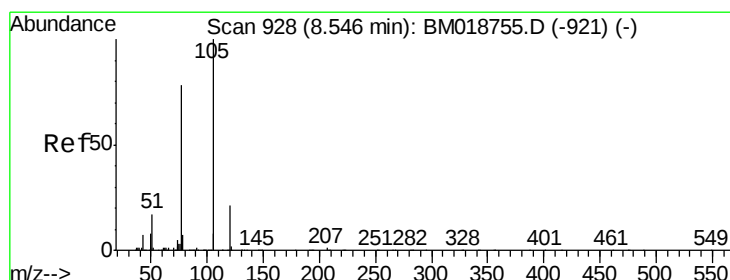
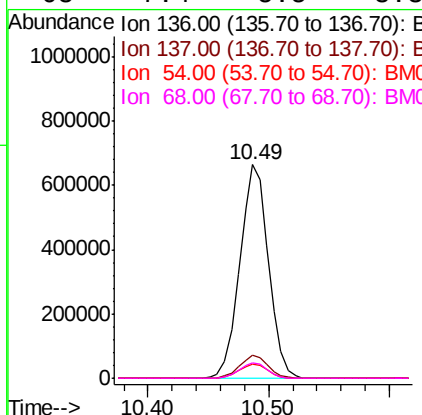
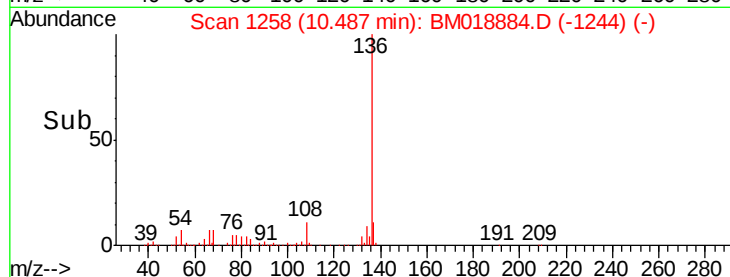
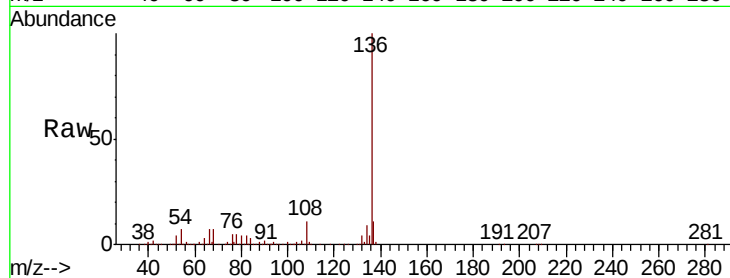
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	136	Resp	1089163
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.0	7.6
68	7.4	5.5	8.3

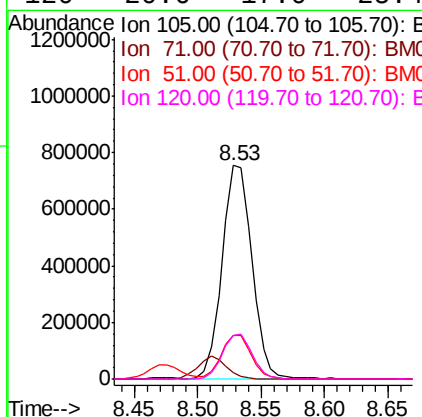
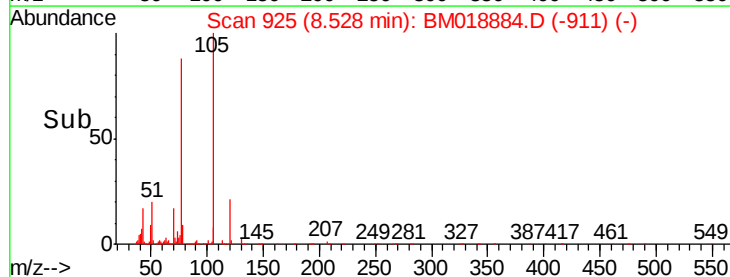
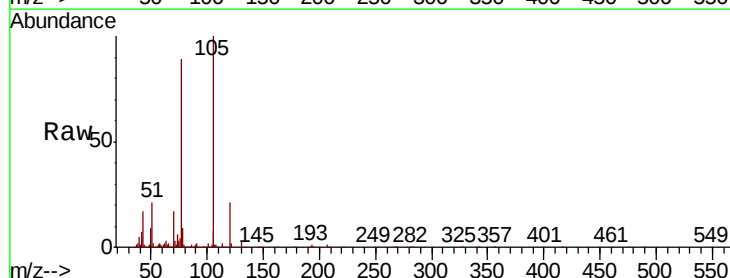
Manual Integrations
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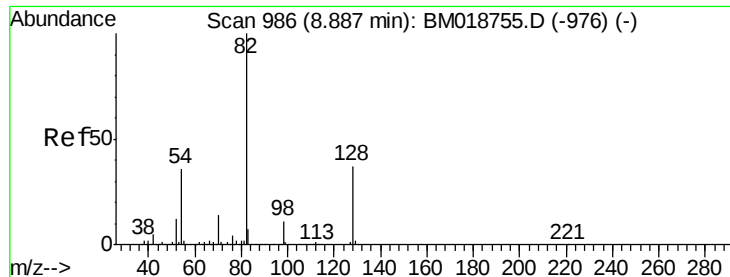
Sohil
2/21/2019 10:08:48 AM



#22
Acetophenone
Concen: 40.880 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	105	Resp	1222744
Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.1	1.7#
51	20.5	15.5	23.3
120	20.6	17.0	25.4





#23

Nitrobenzene-d5

Concen: 82.000 ng

RT: 8.87 min Scan# 983

Delta R.T. -0.02 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

ClientSampleId :

PB117235BS

Tot Ion: 82 Resp: 1931539

Ion Ratio Lower Upper

82 100

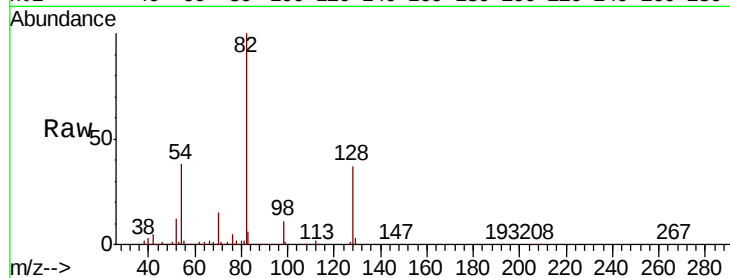
128 36.6 29.9 44.9

54 37.5 29.1 43.7

Manual Integrations
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Sohil

2/21/2019 10:08:48 AM

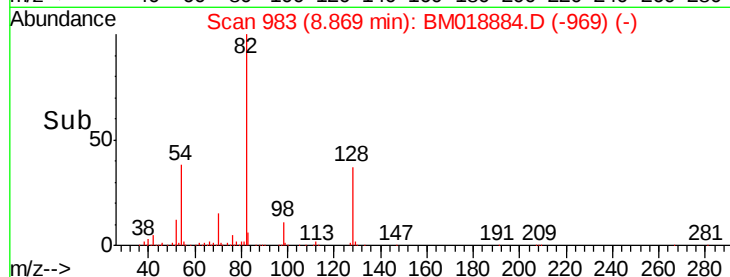


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

Time-->

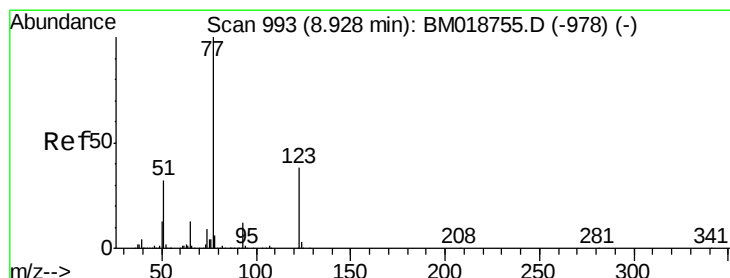


Abundance Ion 82.00 (81.70 to 82.70): BM018884.D (-969) (-)

Ion 128.00 (127.70 to 128.70): BM018884.D (-969) (-)

Ion 54.00 (53.70 to 54.70): BM018884.D (-969) (-)

Time-->



#24

Nitrobenzene

Concen: 42.741 ng

RT: 8.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

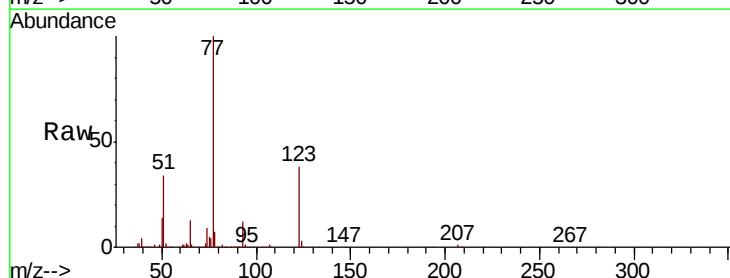
Tgt Ion: 77 Resp: 1045032

Ion Ratio Lower Upper

77 100

123 38.1 30.7 46.1

65 13.0 10.5 15.7

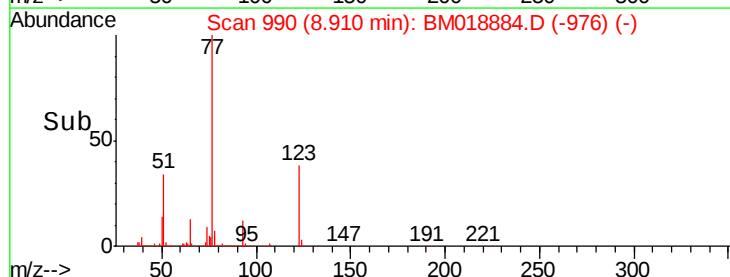


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)

Time-->

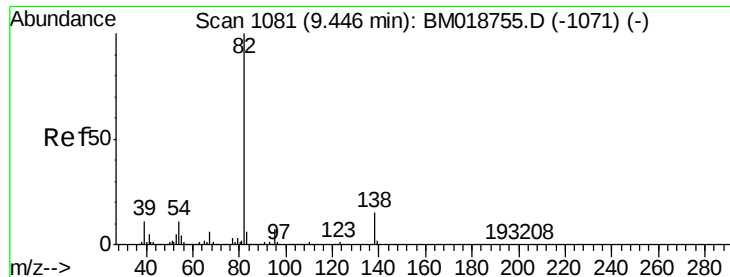


Abundance Ion 77.00 (76.70 to 77.70): BM018884.D (-976) (-)

Ion 123.00 (122.70 to 123.70): BM018884.D (-976) (-)

Ion 65.00 (64.70 to 65.70): BM018884.D (-976) (-)

Time-->



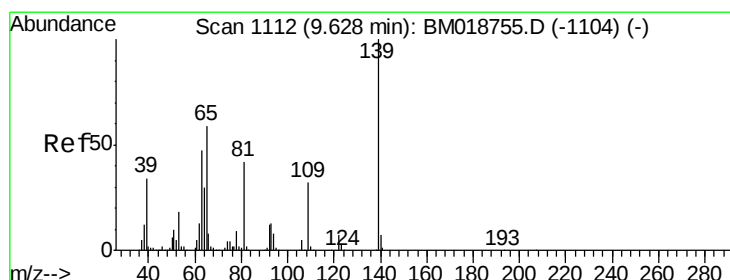
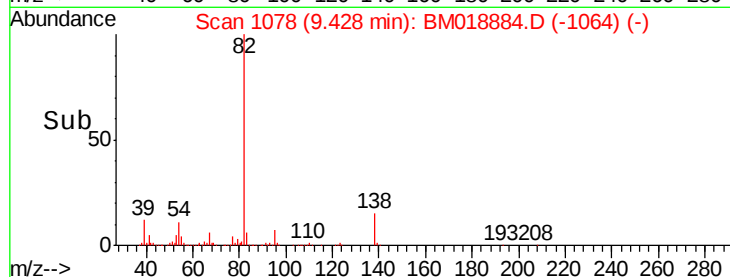
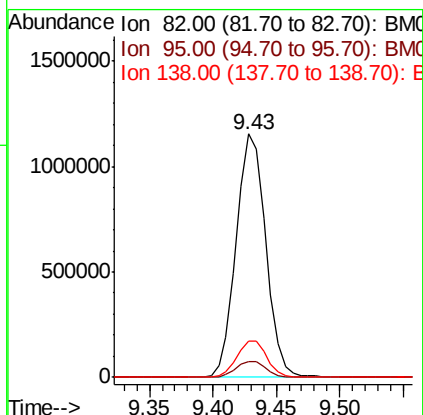
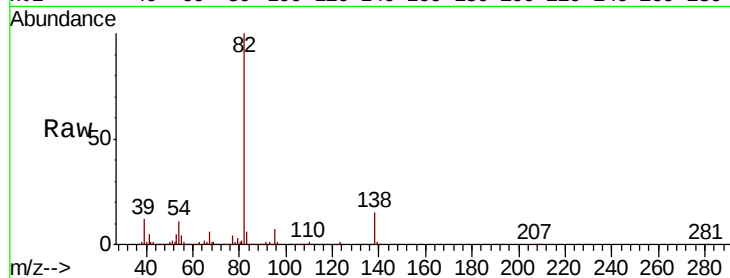
#25
Isophorone
Concen: 49.849 ng
RT: 9.43 min Scan# 1078
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.7	8.5
138	14.9	12.3	18.5

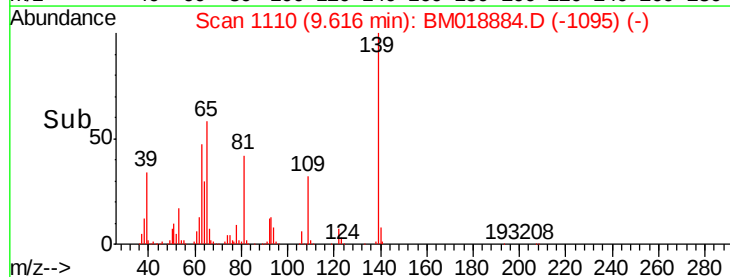
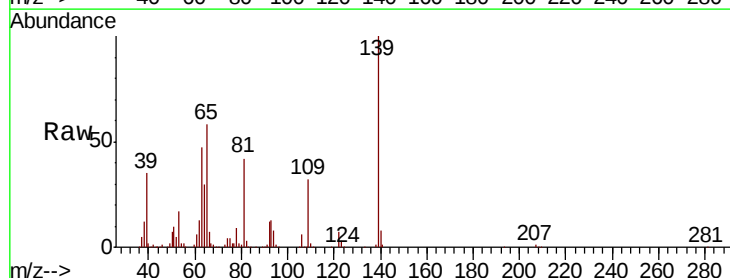
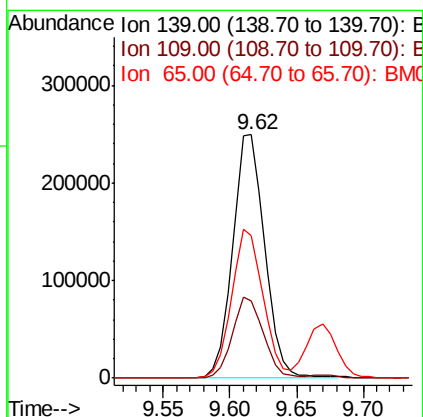
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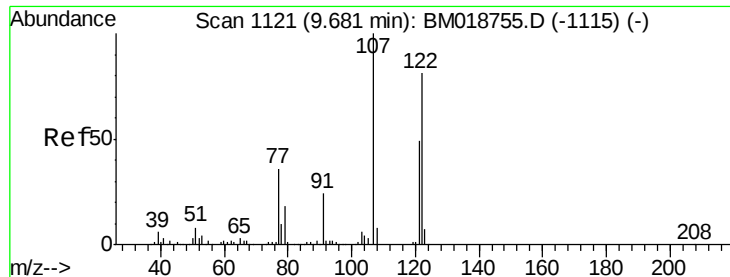
Sohil
2/21/2019 10:08:48 AM



#26
2-Nitrophenol
Concen: 42.739 ng
RT: 9.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.7	25.2	37.8
65	58.4	47.0	70.4





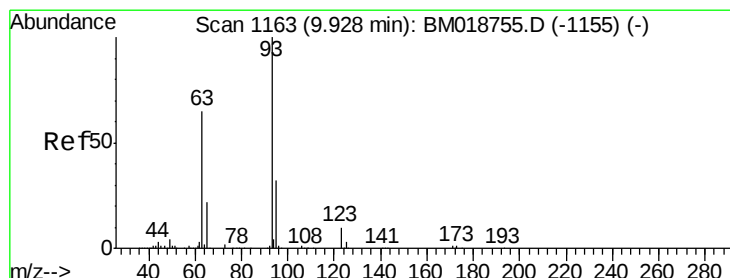
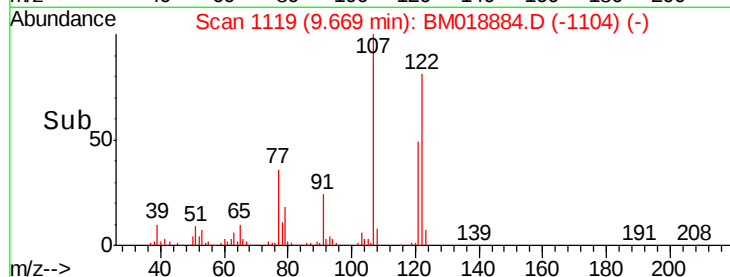
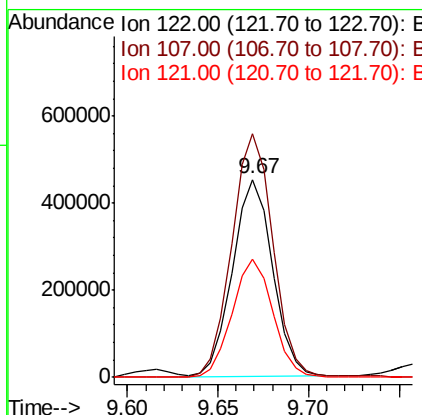
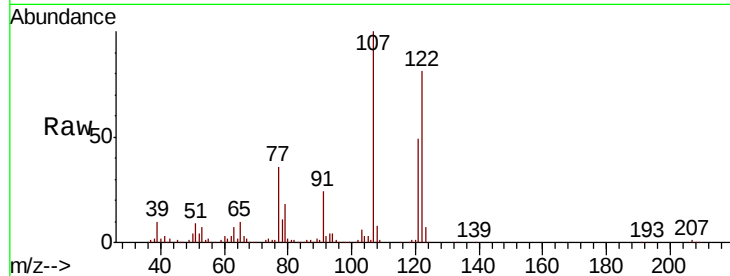
#27
 2,4-Dimethylphenol
 Concen: 48.998 ng
 RT: 9.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	696824		
107	123.1	97.6	146.4	
121	59.9	47.9	71.9	

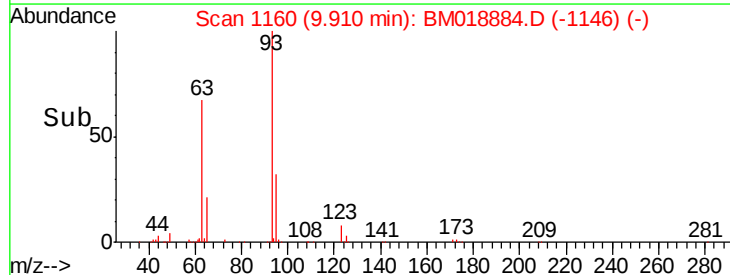
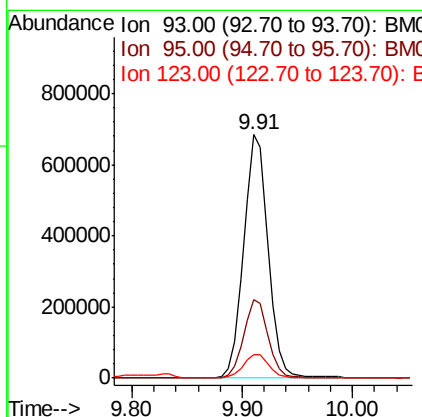
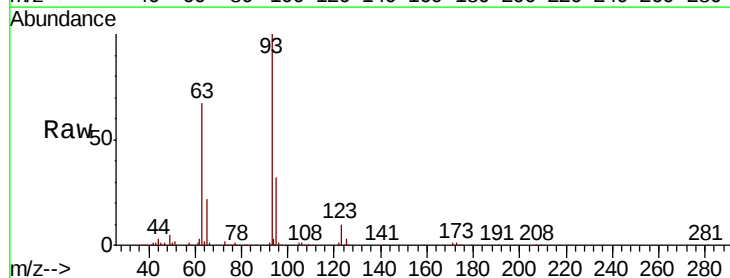
Manual Integrations
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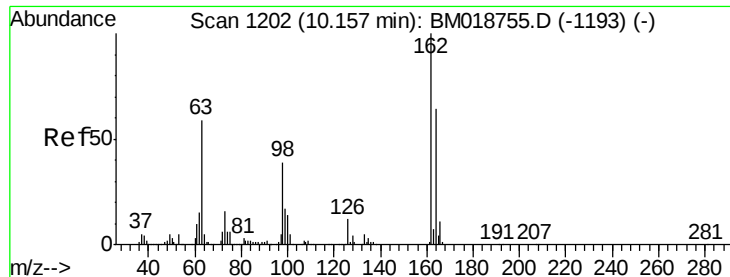
Sohil
 2/21/2019 10:08:48 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.888 ng
 RT: 9.91 min Scan# 1160
 Delta R.T. -0.02 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1066679		
95	32.4	25.6	38.4	
123	9.9	8.2	12.4	





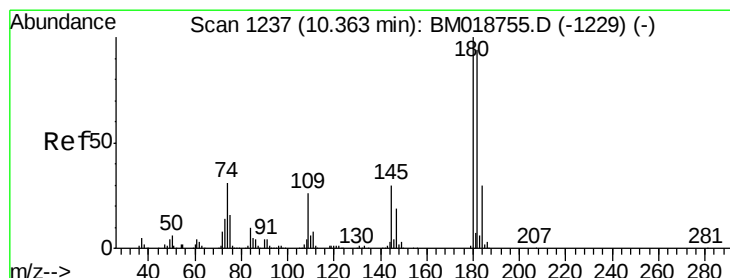
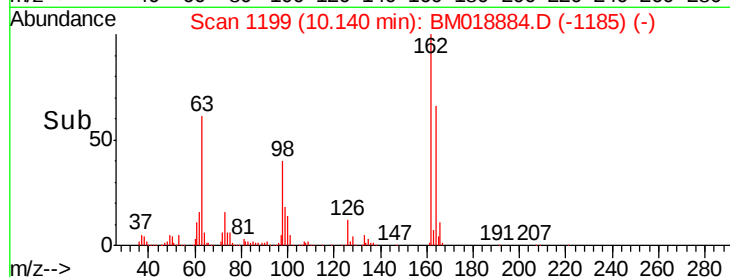
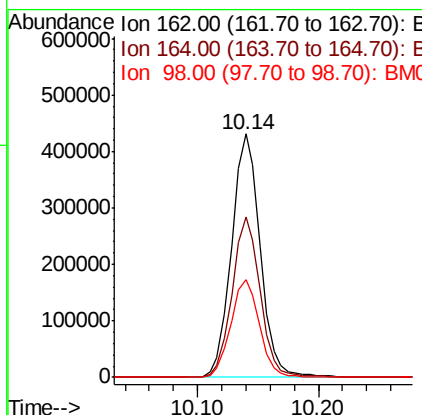
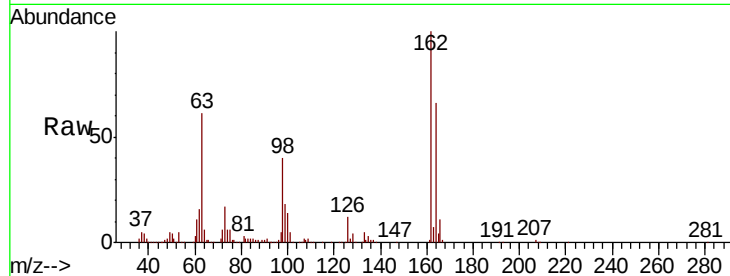
#29
2,4-Dichlorophenol
Concen: 43.630 ng
RT: 10.14 min Scan# 1199
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.8	44.1	84.1
98	40.0	19.4	59.4

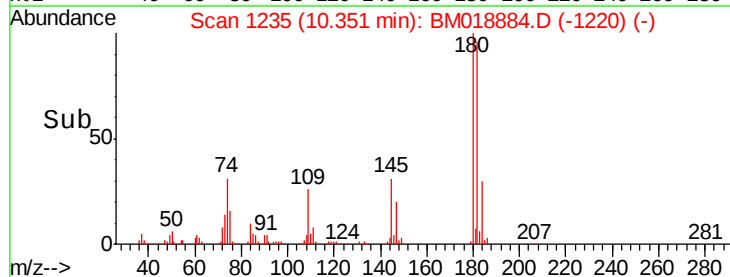
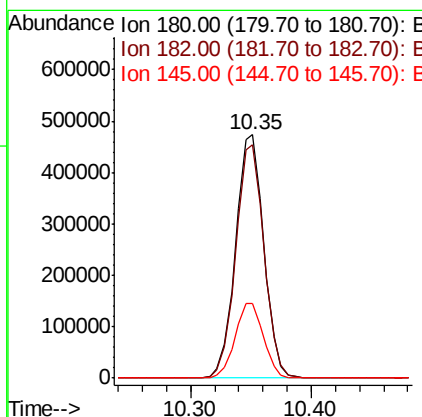
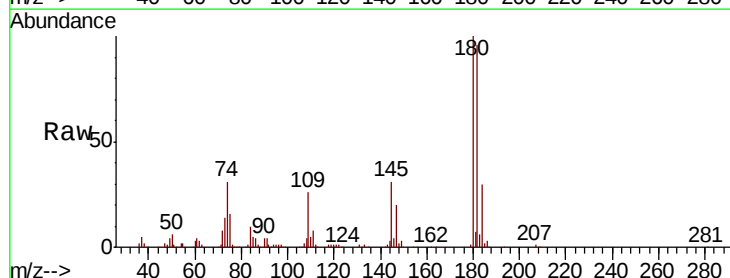
Manual Integrations
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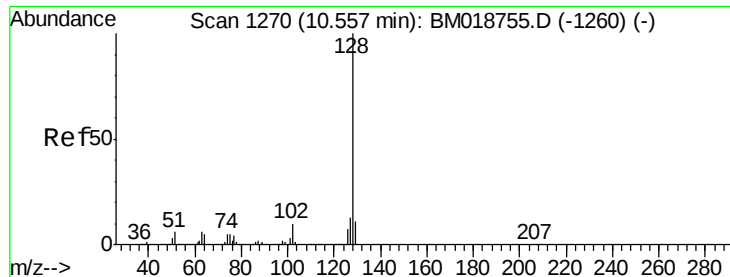
Sohil
2/21/2019 10:08:48 AM



#30
1,2,4-Trichlorobenzene
Concen: 40.874 ng
RT: 10.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.9	75.0	112.6
145	30.9	24.1	36.1





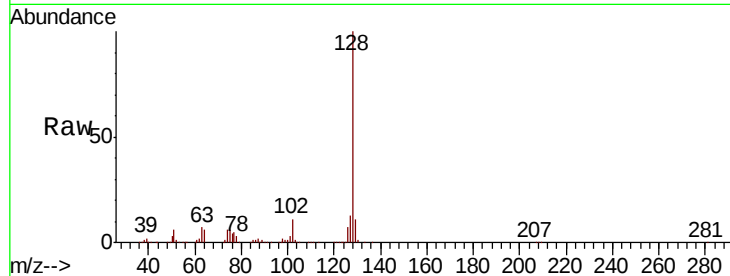
#31
Naphthalene
Concen: 45.090 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

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

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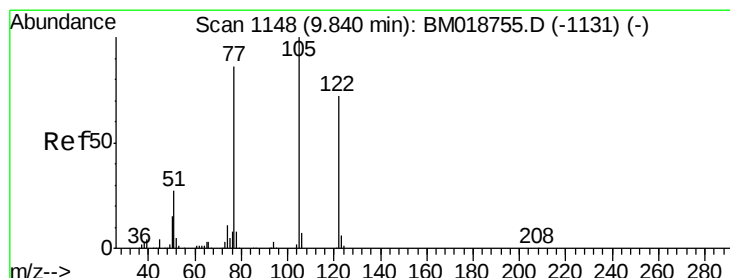
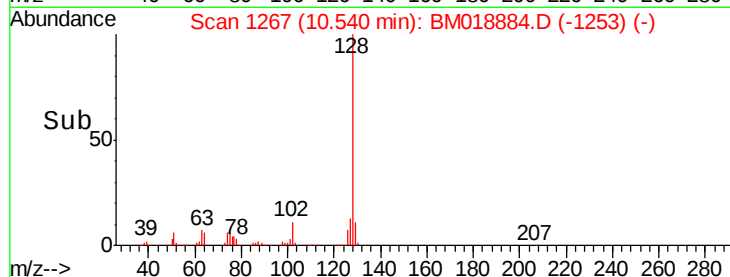
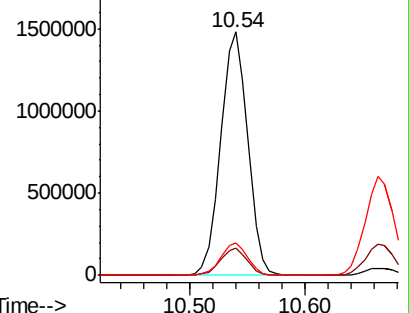


Abundance

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: 37.682 ng
RT: 9.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

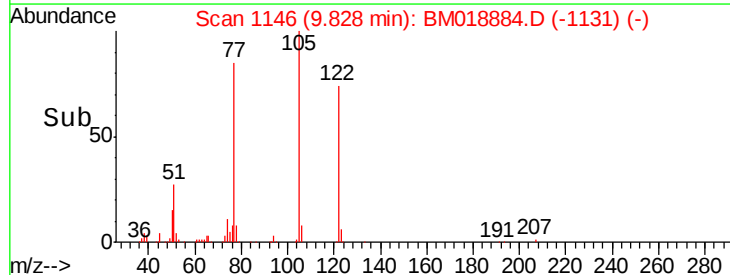
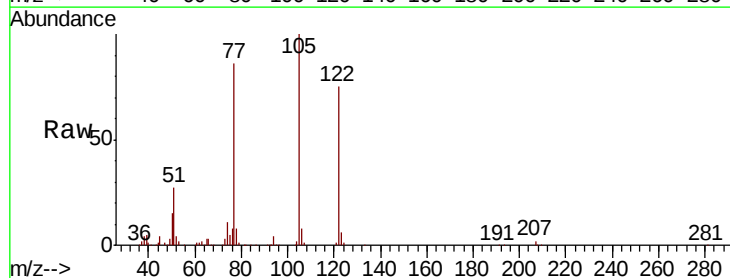
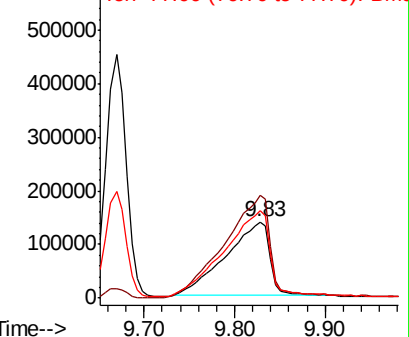
Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.7	117.5	157.5
77	114.8	98.5	138.5

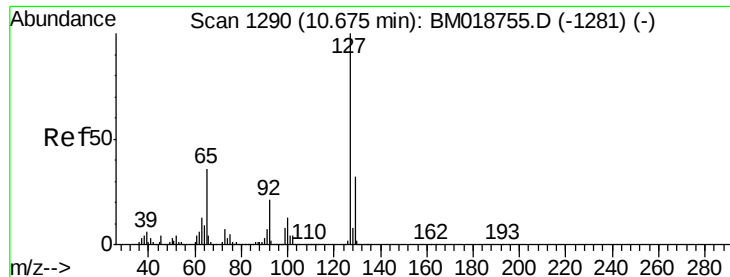
Abundance

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





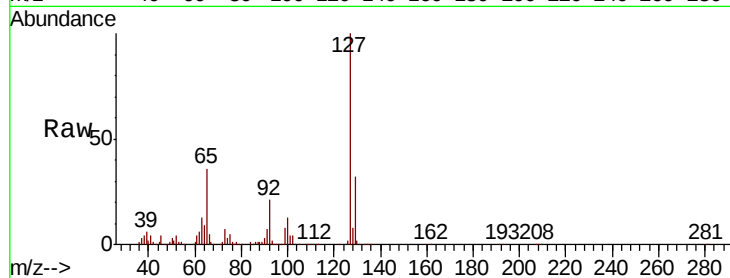
#33
4-Chloroaniline
Concen: 44.460 ng
RT: 10.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	36.3	28.7	43.1
92	21.0	17.0	25.4

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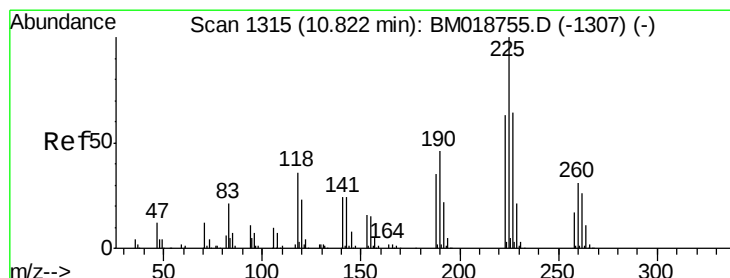
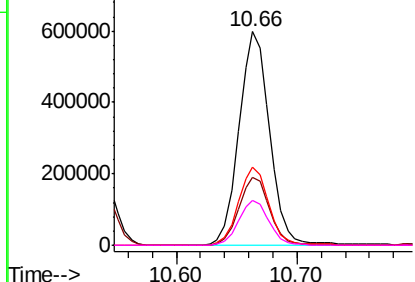
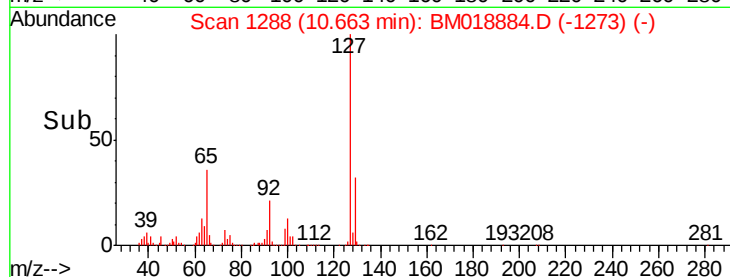
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

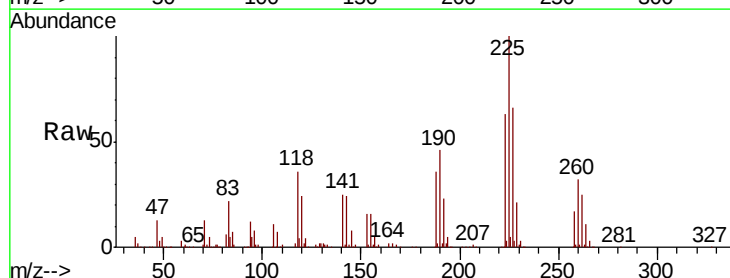
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 38.103 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.1	75.1
227	65.6	51.4	77.0

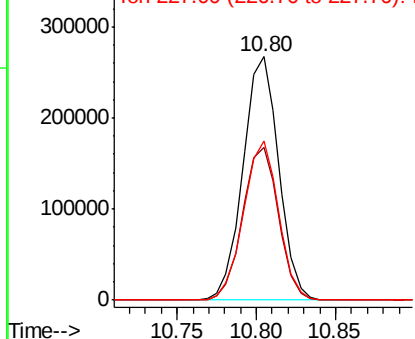
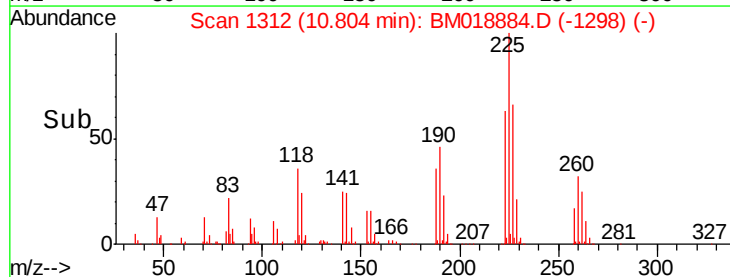


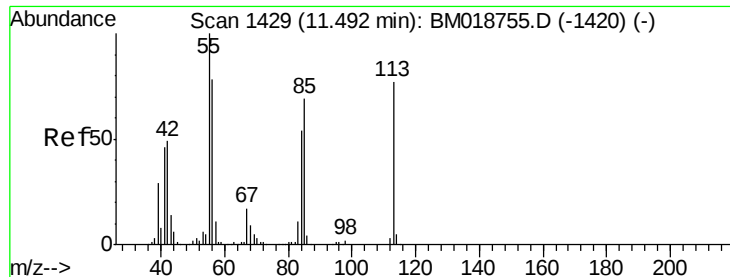
Abundance

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





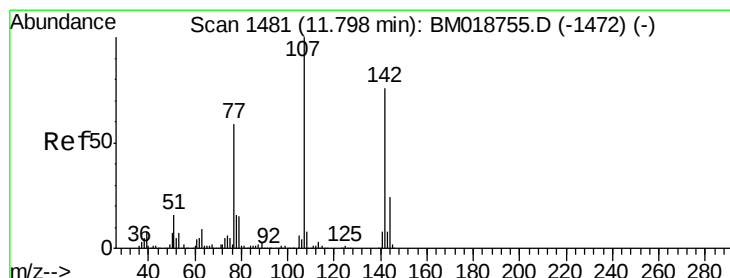
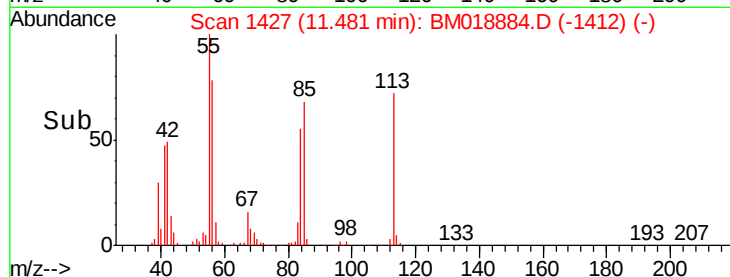
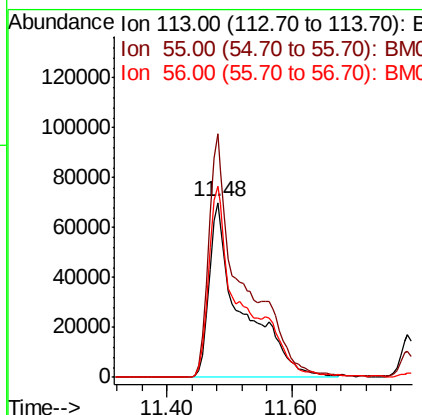
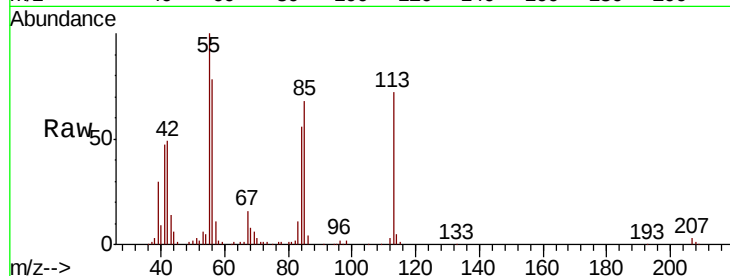
#35
 Caprolactam
 Concen: 38.140 ng/ml
 RT: 11.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.1	110.7	150.7
56	108.9	82.4	122.4

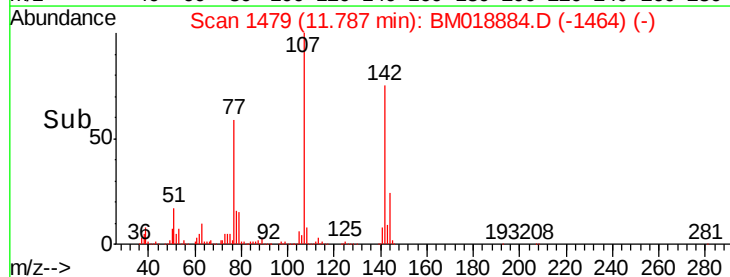
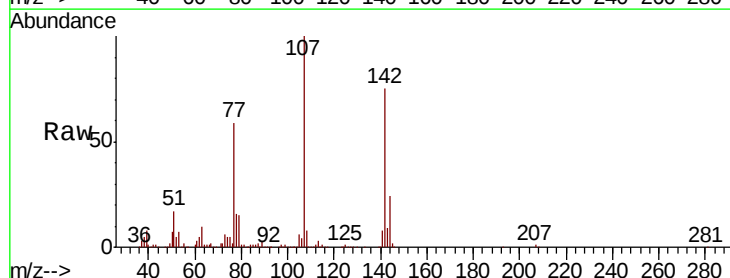
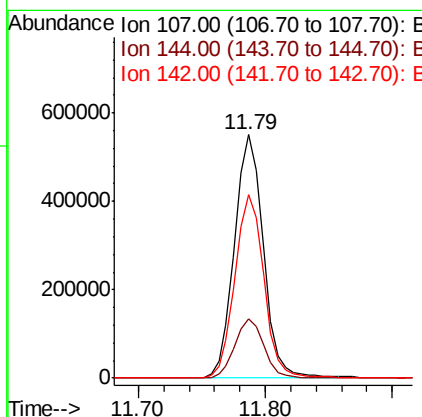
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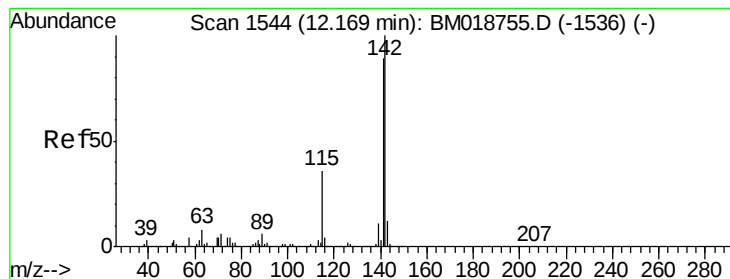
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#36
 4-Chloro-3-methylphenol
 Concen: 44.176 ng/ml
 RT: 11.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	75.5	60.5	90.7





#37

2-Methylnaphthalene

Concen: 47.455 ng

RT: 12.16 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

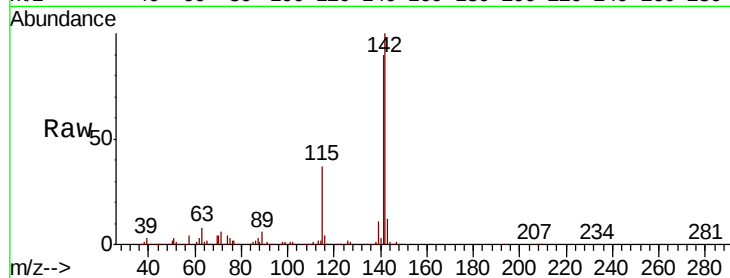
ClientSampled :

PB117235BS

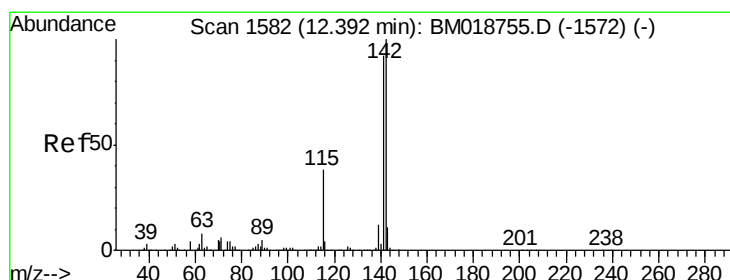
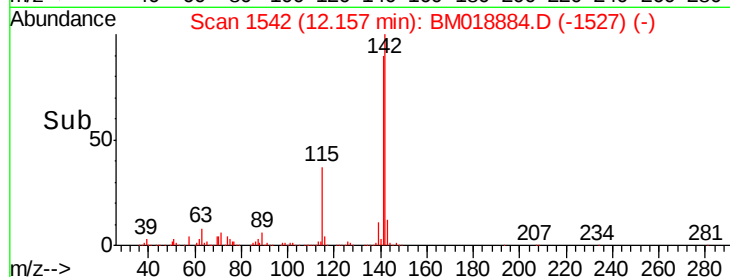
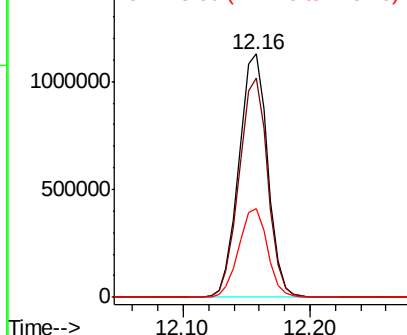
Tot Ion:	142	Resp:	1774766
Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.2	106.8
115	36.7	29.1	43.7

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.124 ng

RT: 12.38 min Scan# 1580

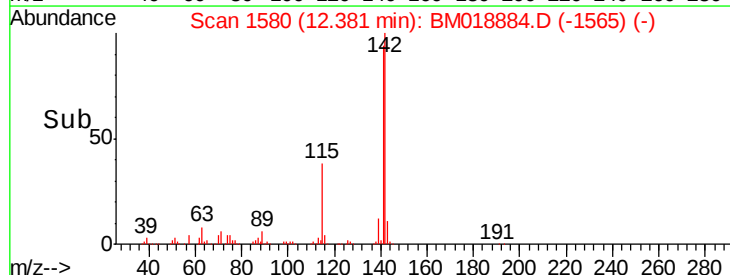
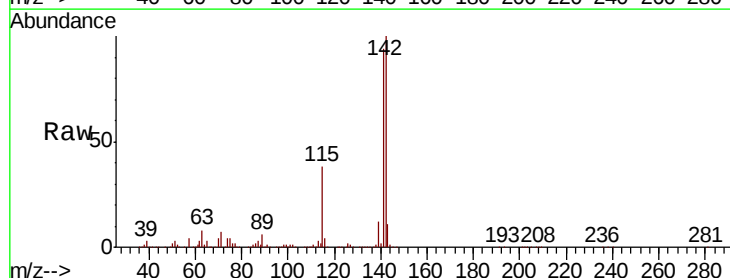
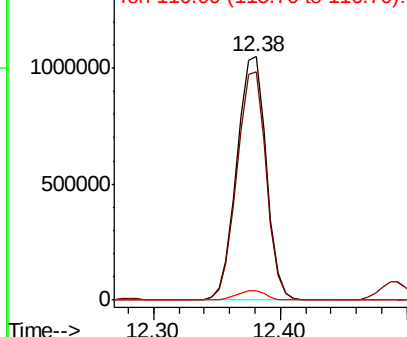
Delta R.T. -0.01 min

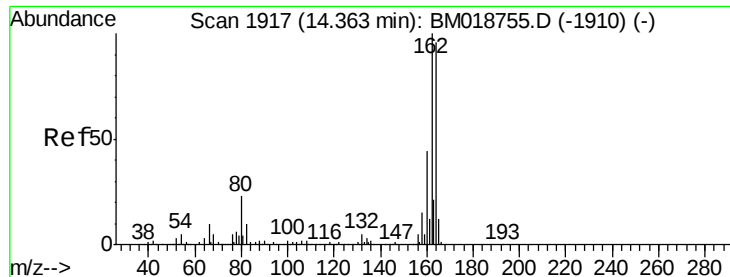
Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	142	Resp:	1686826
Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.9	110.9
116	3.9	3.0	4.4

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





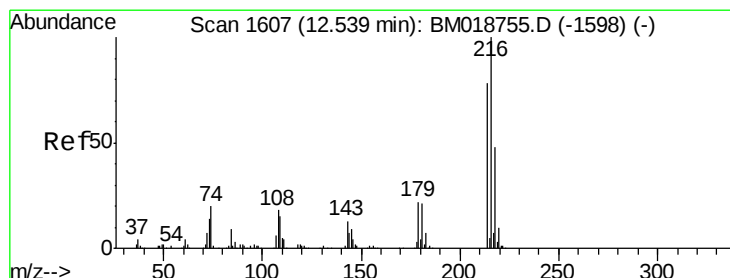
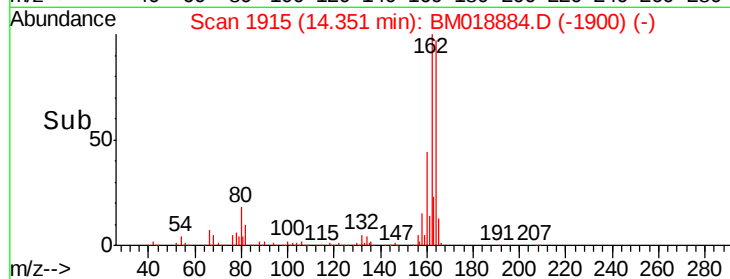
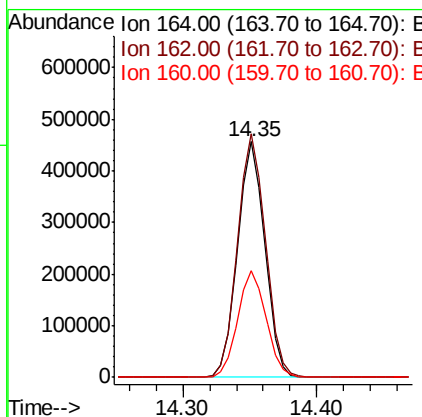
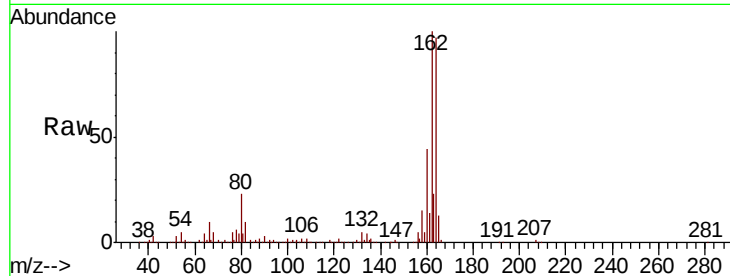
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.0
160	45.5	36.6	55.0

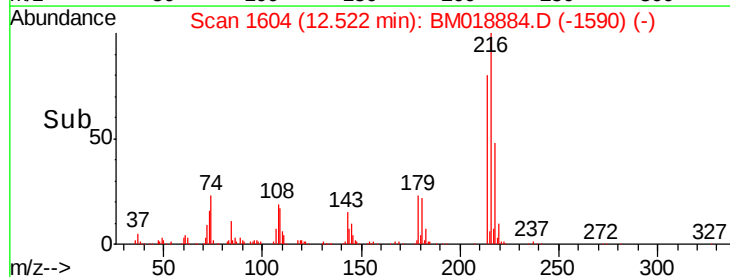
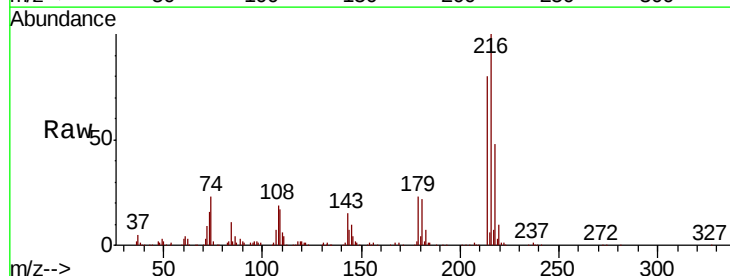
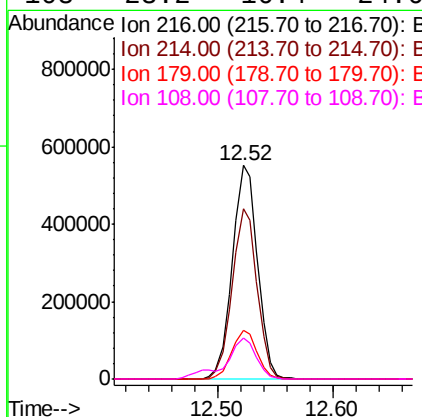
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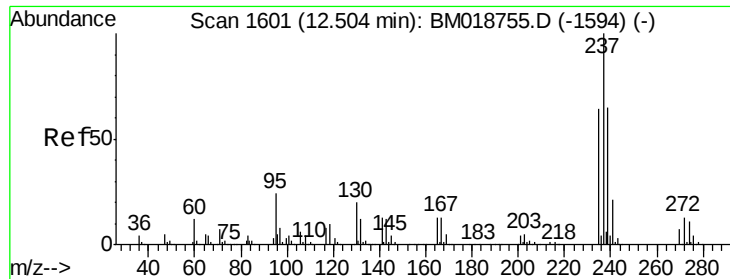
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.260 ng
RT: 12.52 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.2	94.8
179	22.8	17.8	26.8
108	23.2	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 92.031 ng

RT: 12.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

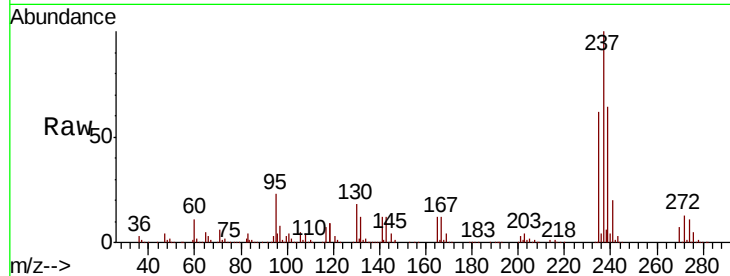
ClientSampleId :

PB117235BS

Tot Ion:	237	Resp:	974426
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.7	83.7
272	13.2	0.0	33.3

Manual Integrations
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2/21/2019 10:08:48 AM

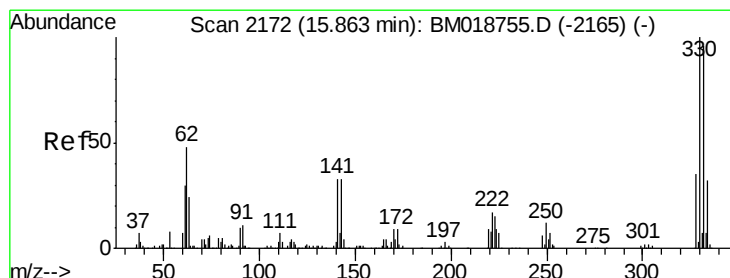
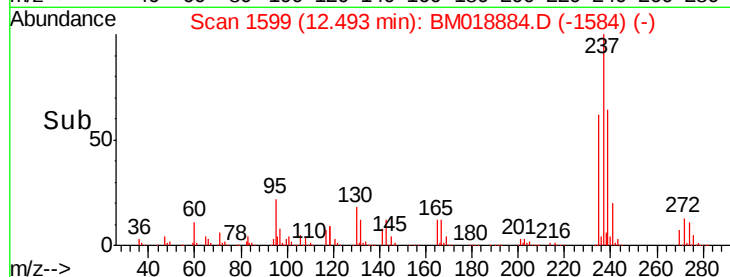
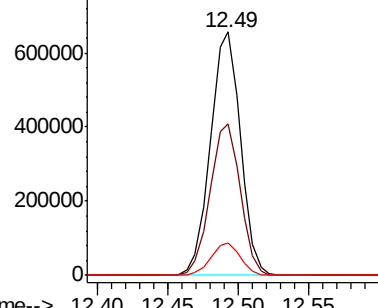


Abundance

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



#42

2,4,6-Tribromophenol

Concen: 82.934 ng

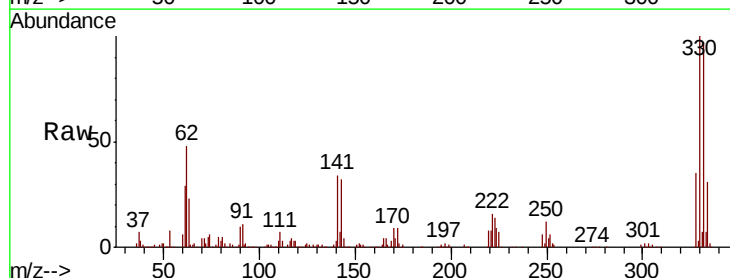
RT: 15.85 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	330	Resp:	773924
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.9	115.3
141	36.7	28.7	43.1

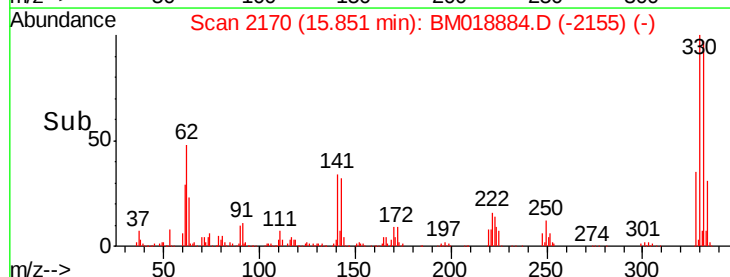
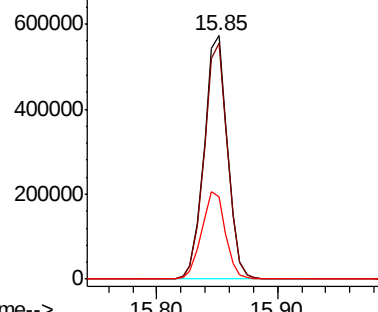


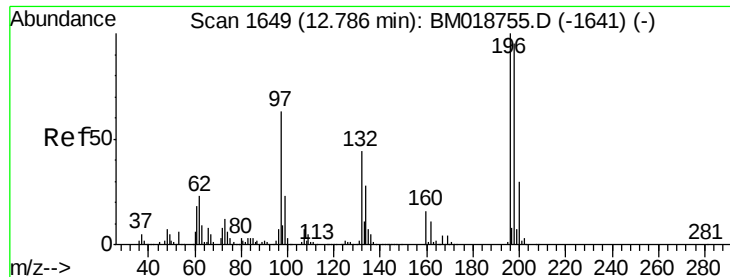
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





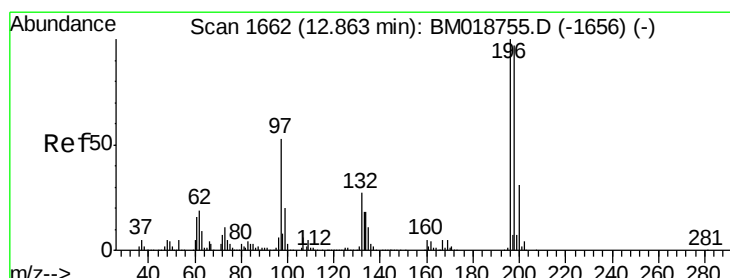
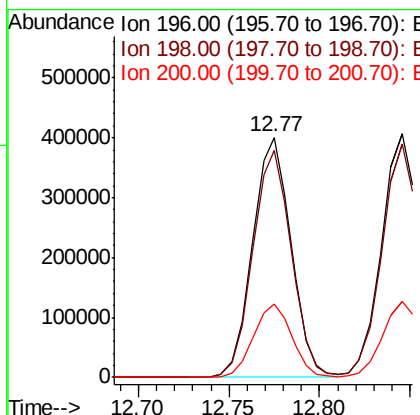
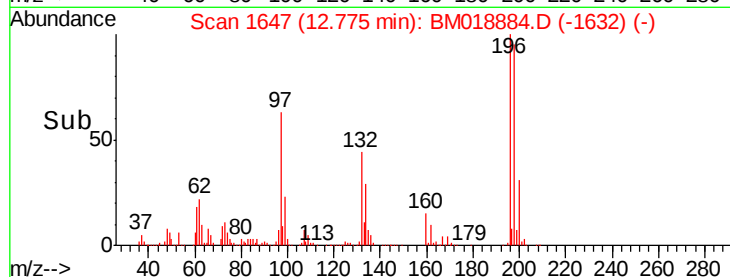
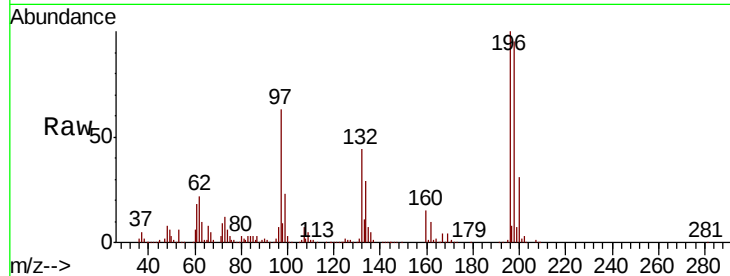
#43
2,4,6-Trichlorophenol
Concen: 43.160 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampled :
PB117235BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	591699		
198	94.7	76.2	114.2	
200	30.7	24.2	36.2	

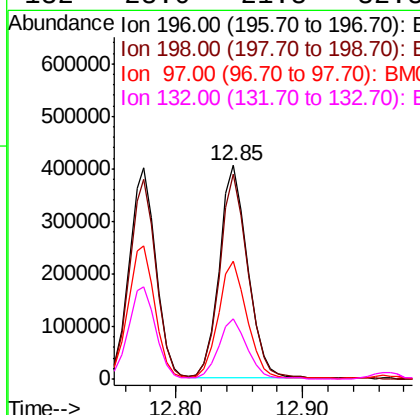
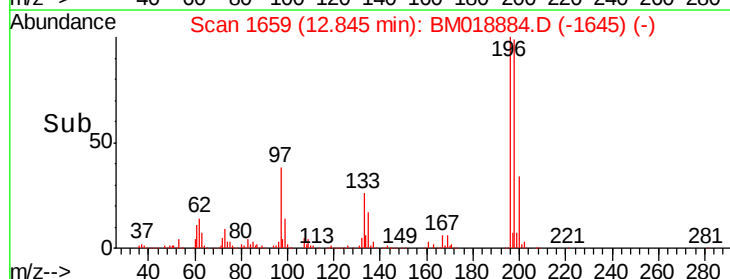
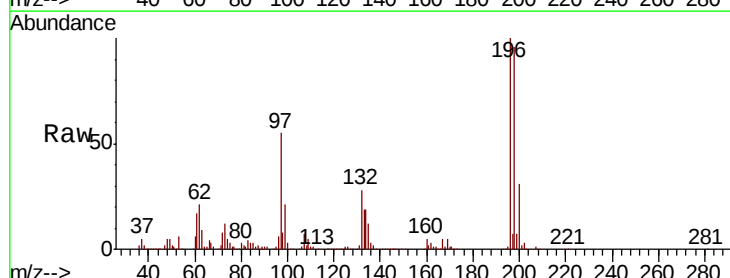
Manual Integrations
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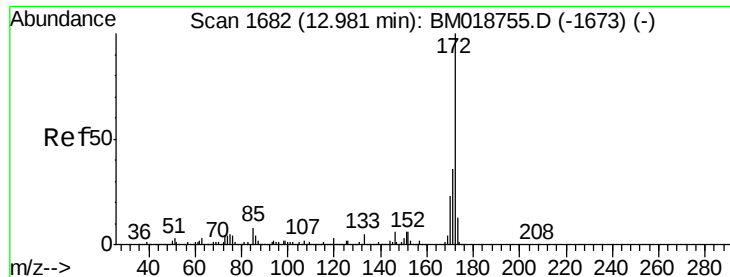
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#44
2,4,5-Trichlorophenol
Concen: 43.690 ng
RT: 12.85 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	627805		
198	95.7	77.6	116.4	
97	55.2	42.8	64.2	
132	28.0	21.8	32.8	





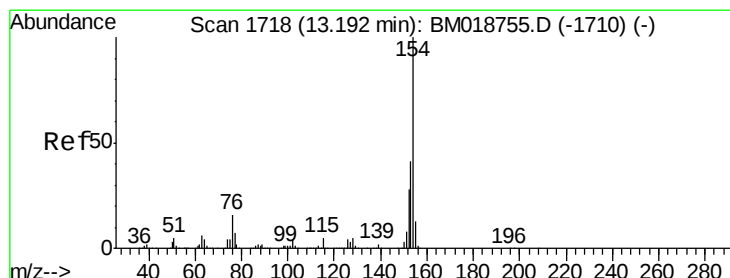
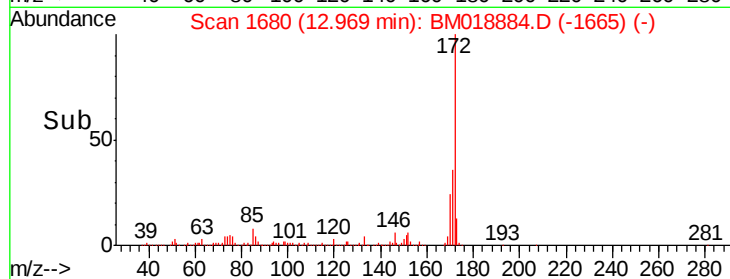
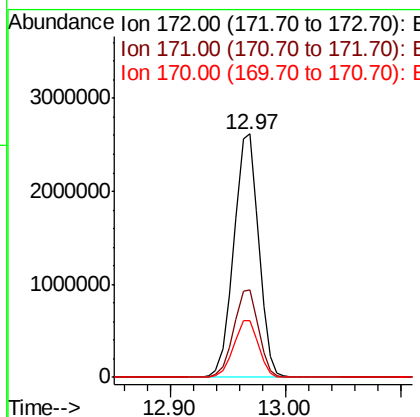
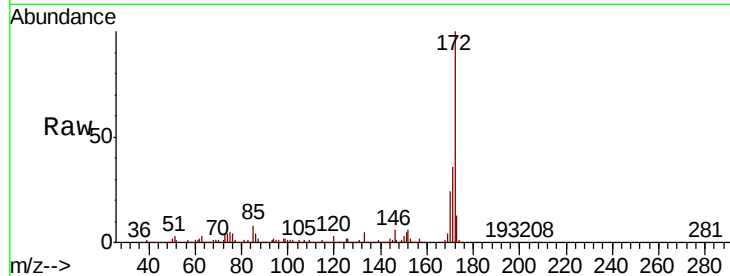
#45
2-Fluorobiphenyl
Concen: 79.904 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.9	29.0	43.6	
170	23.5	18.6	28.0	

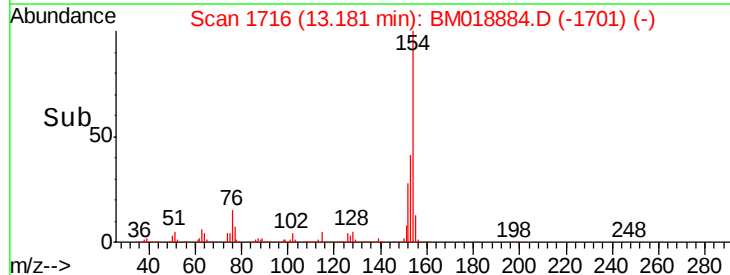
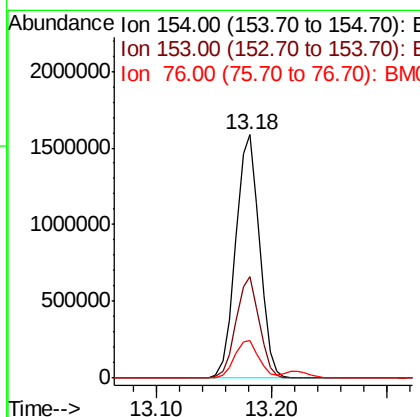
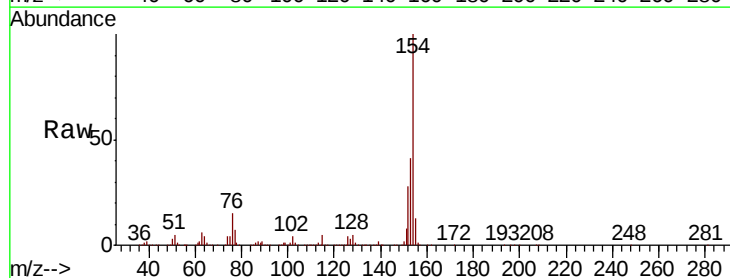
Manual Integrations
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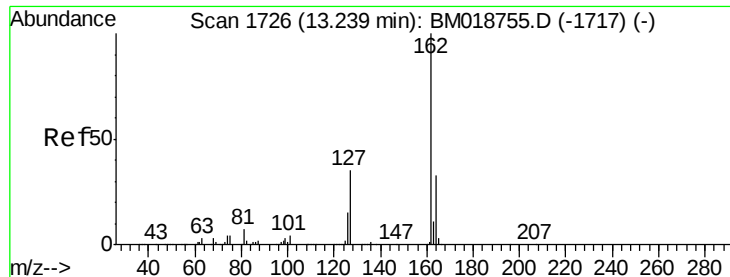
Sohil
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#46
1,1'-Biphenyl
Concen: 40.571 ng
RT: 13.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.5	21.1	61.1	
76	15.4	0.0	35.7	





#47

2-Chloronaphthalene

Concen: 41.474 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.02 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

ClientSampleId :

PB117235BS

Tot Ion:162 Resp: 1785109

Ion Ratio Lower Upper

162 100

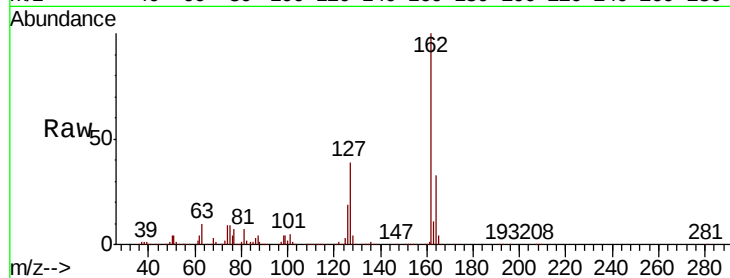
127 39.4 31.1 46.7

164 32.6 26.4 39.6

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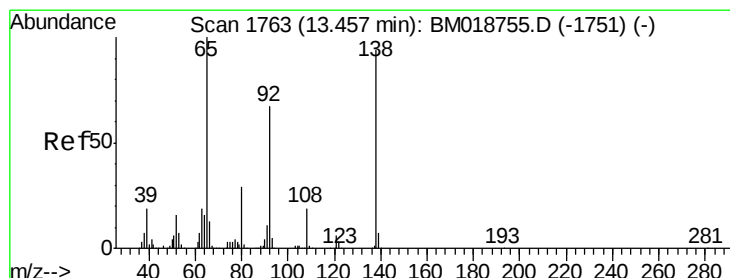
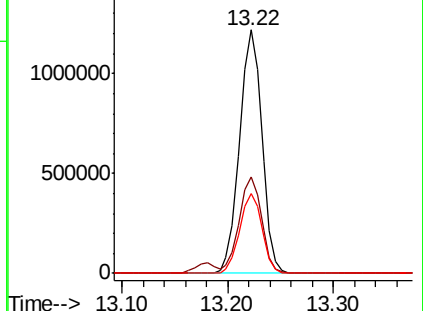
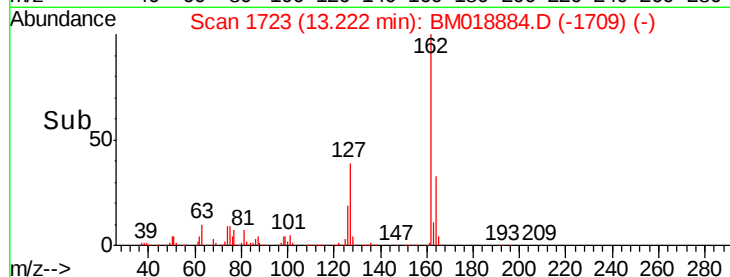
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.746 ng

RT: 13.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

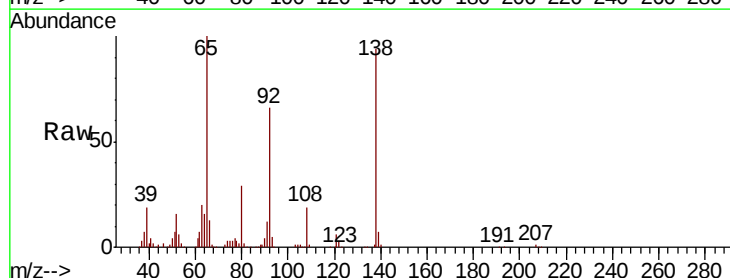
Tgt Ion: 65 Resp: 639642

Ion Ratio Lower Upper

65 100

92 65.5 54.0 81.0

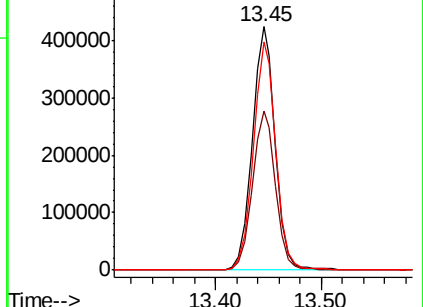
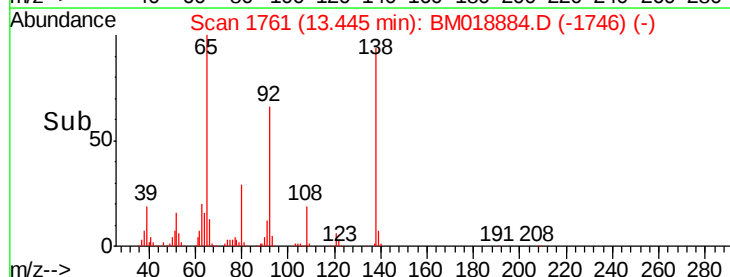
138 93.6 74.9 112.3

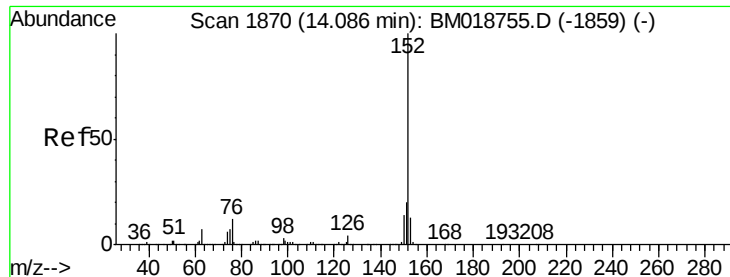


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.848 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

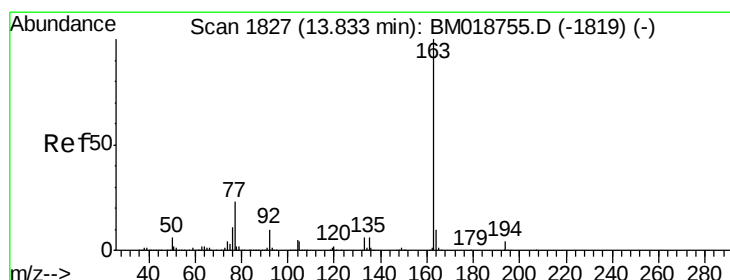
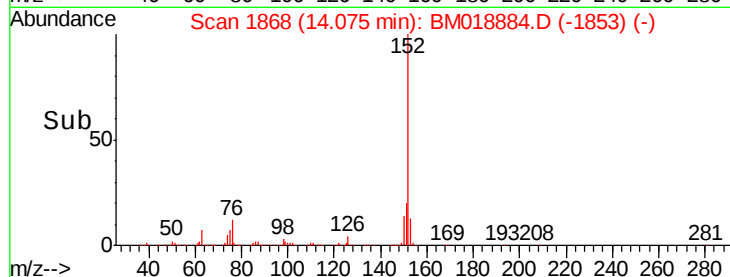
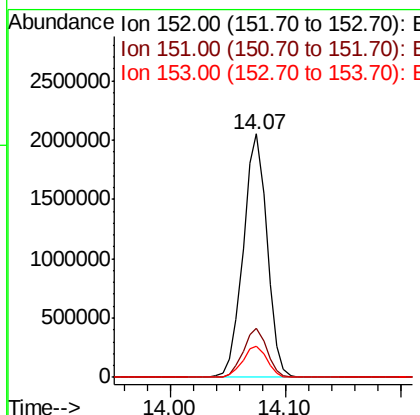
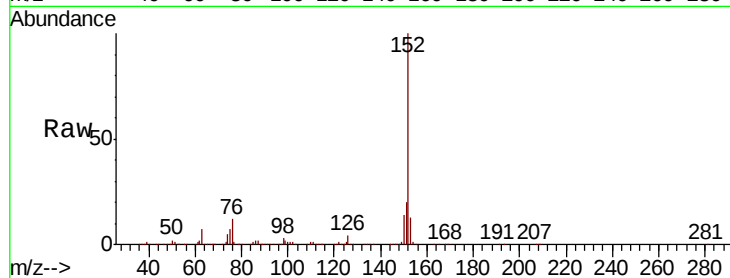
ClientSampleId :

PB117235BS

Tot Ion:	152	Resp:	2938361
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.8	23.8
153	12.9	10.5	15.7

Manual Integrations
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#50

Dimethylphthalate

Concen: 42.474 ng

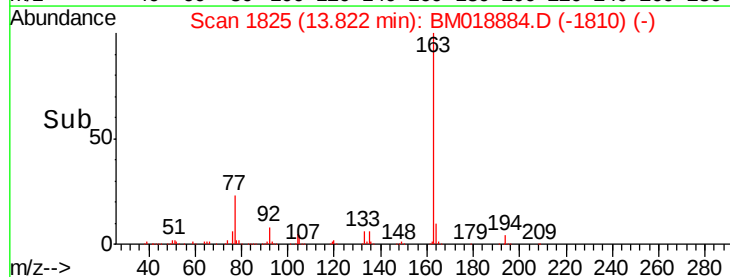
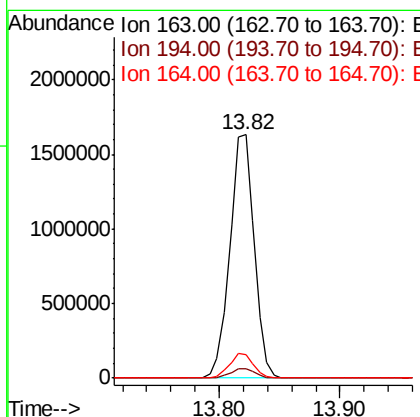
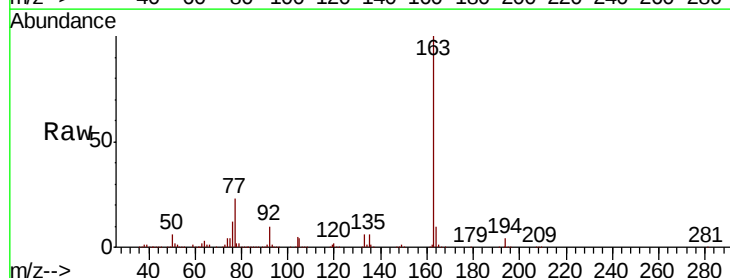
RT: 13.82 min Scan# 1825

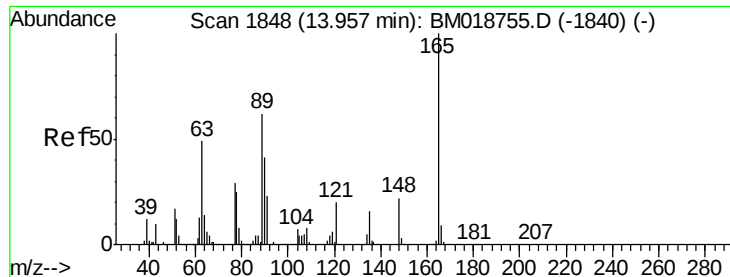
Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	163	Resp:	2291584
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.2	4.8
164	9.6	7.8	11.8





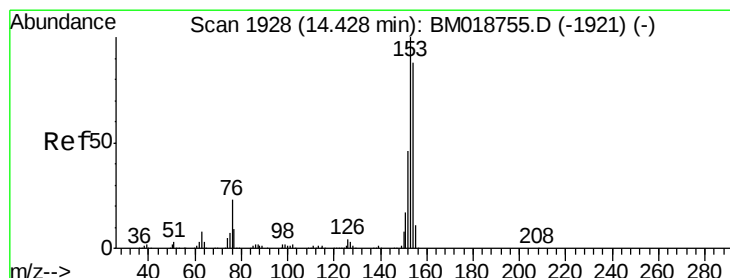
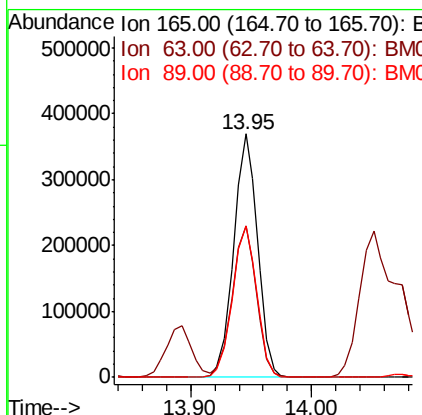
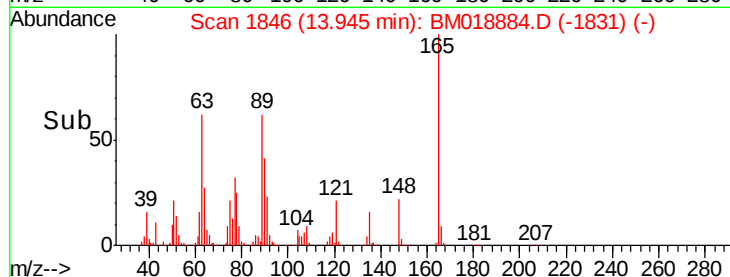
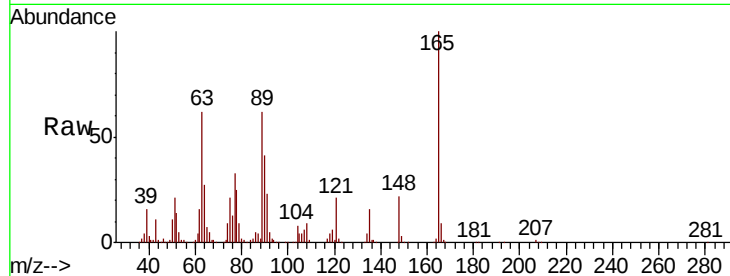
#51
2,6-Dinitrotoluene
Concen: 43.627 ng
RT: 13.95 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion:	165	Resp:	509880
Ion Ratio		Lower	Upper
165	100		
63	62.1	48.9	73.3
89	62.5	49.4	74.0

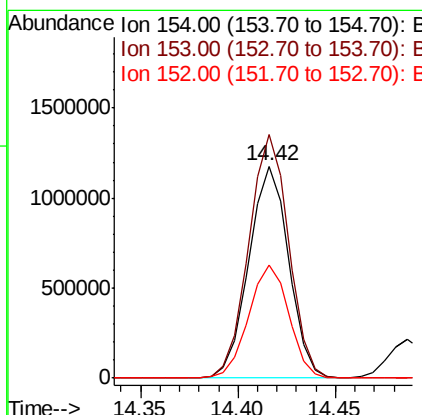
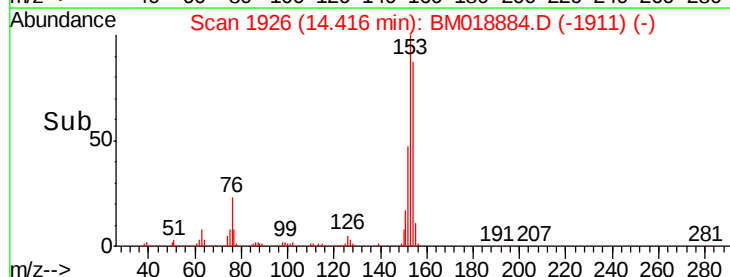
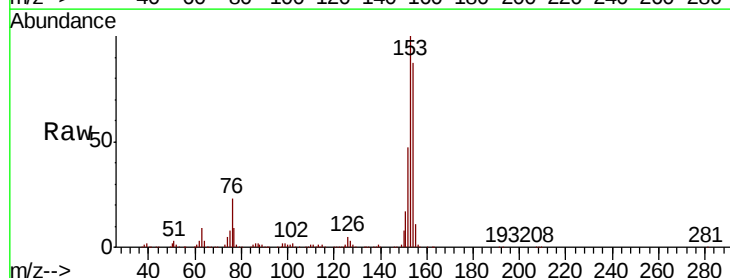
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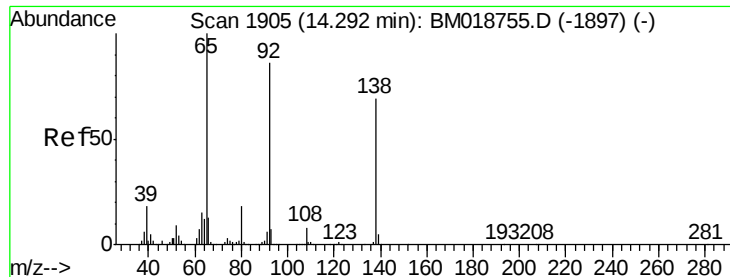
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#52
Acenaphthene
Concen: 42.460 ng
RT: 14.42 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion:	154	Resp:	1668600
Ion Ratio		Lower	Upper
154	100		
153	114.8	91.3	136.9
152	53.5	42.2	63.4





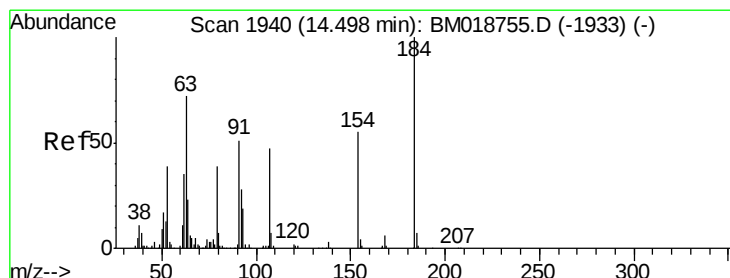
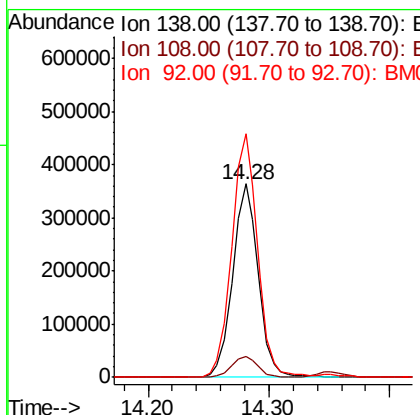
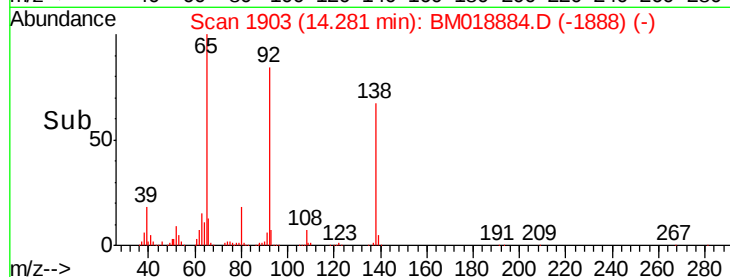
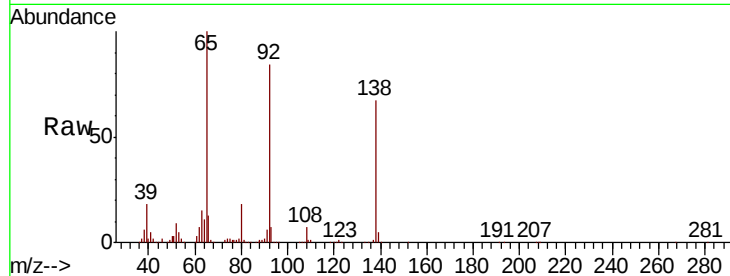
#53
3-Nitroaniline
Concen: 40.553 ng
RT: 14.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	126.0	99.7	149.5

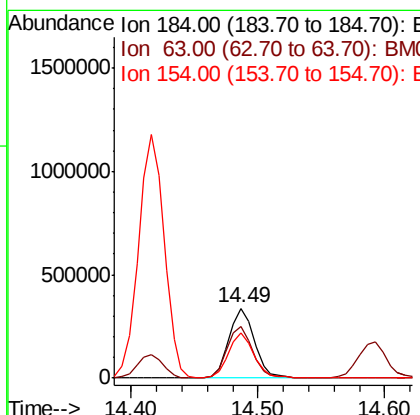
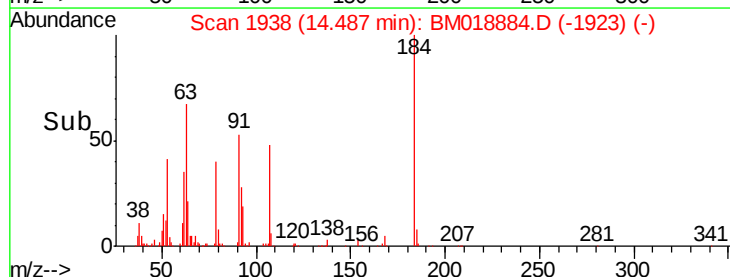
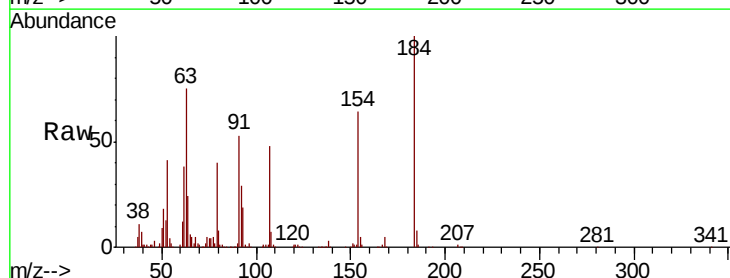
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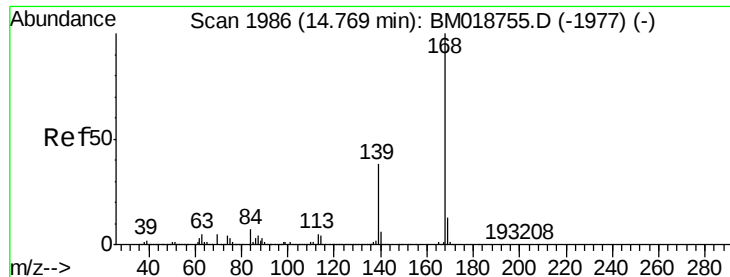
Sohil
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#54
2,4-Dinitrophenol
Concen: 64.832 ng
RT: 14.49 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.5	58.0	87.0
154	64.1	50.3	75.5





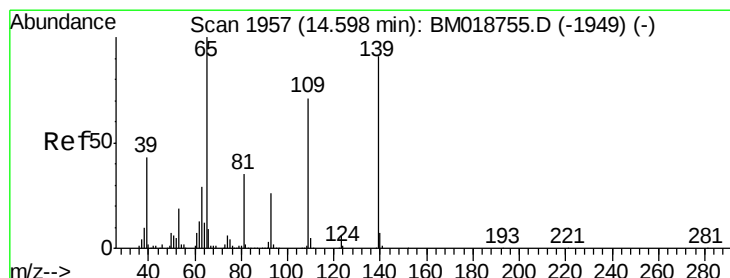
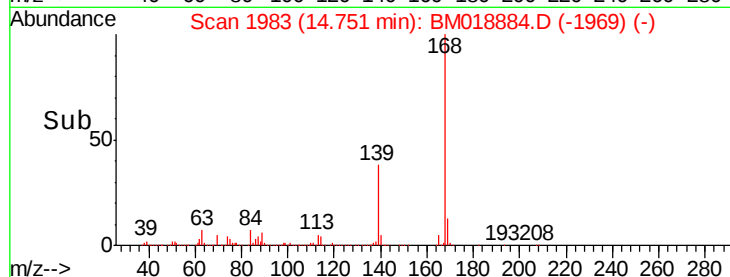
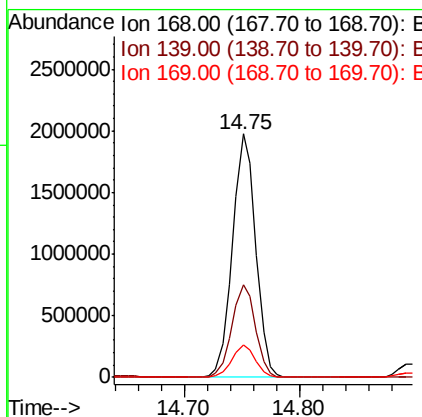
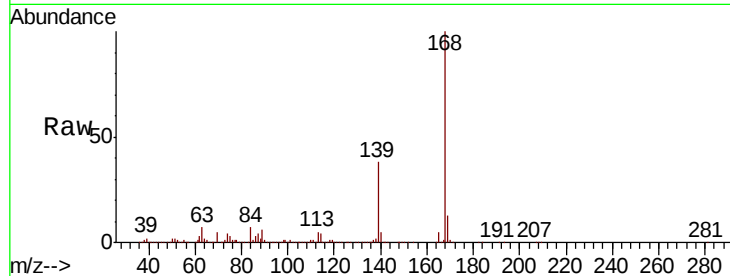
#55
Dibenzofuran
Concen: 42.509 ng
RT: 14.75 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampled :
PB117235BS

Tot Ion:168 Resp: 2745734
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.3 10.3 15.5

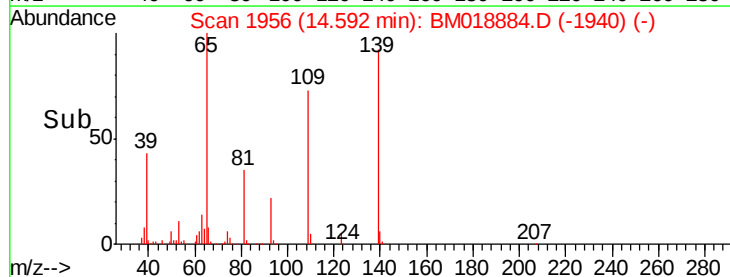
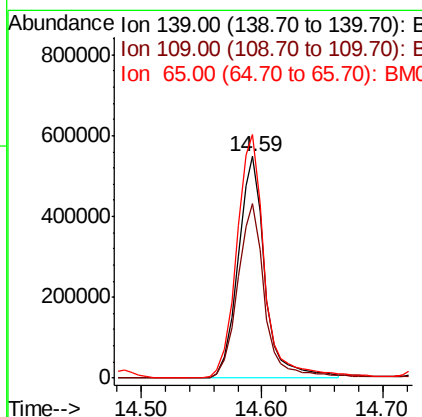
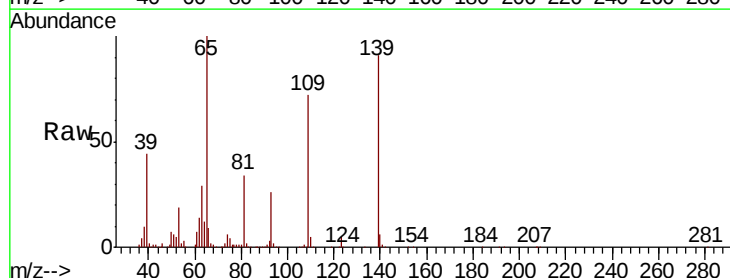
Manual Integrations
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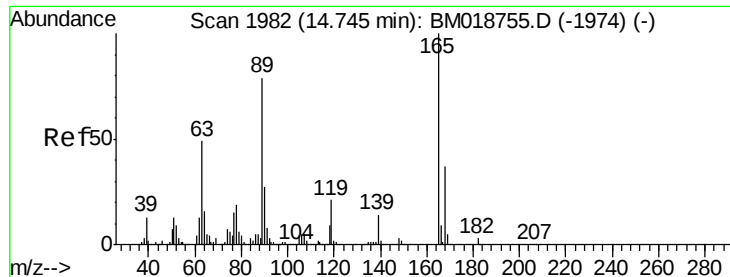
Sohil
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#56
4-Nitrophenol
Concen: 80.448 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion:139 Resp: 848050
Ion Ratio Lower Upper
139 100
109 78.9 58.4 98.4
65 109.9 89.8 129.8





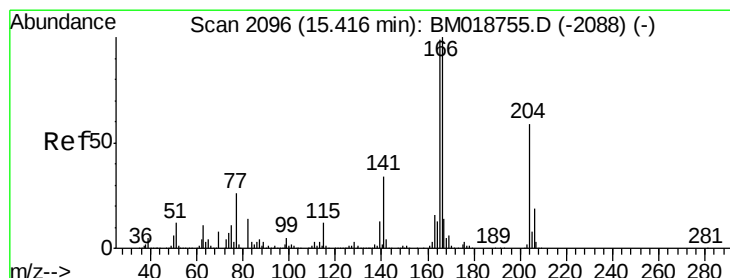
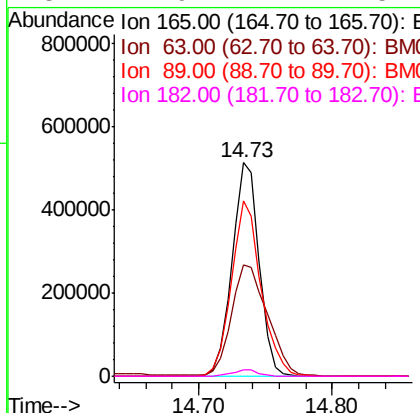
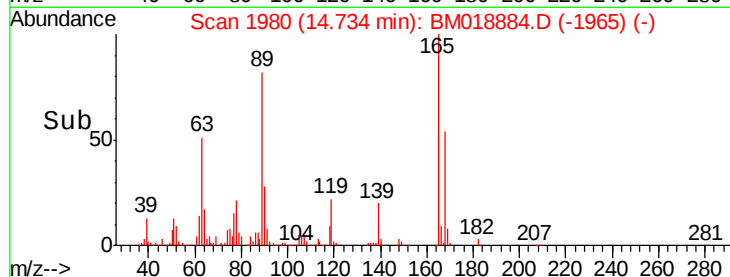
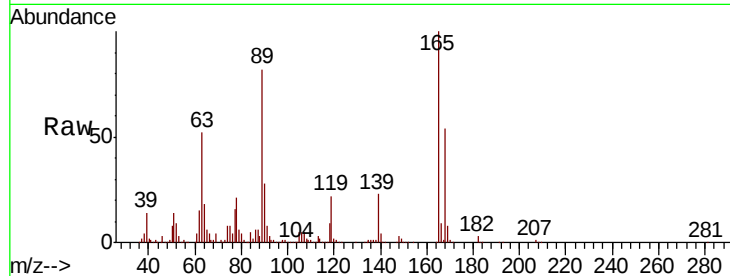
#57
2,4-Dinitrotoluene
Concen: 44.862 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		722404		
63	51.9	39.6	59.4		
89	82.4	63.5	95.3		
182	2.9	2.2	3.4		

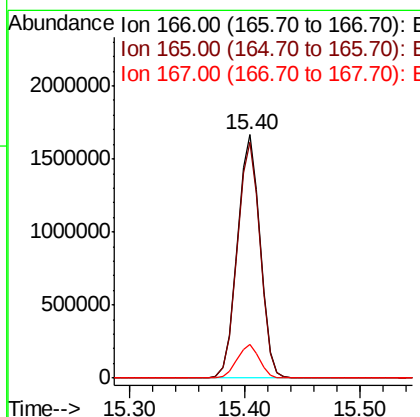
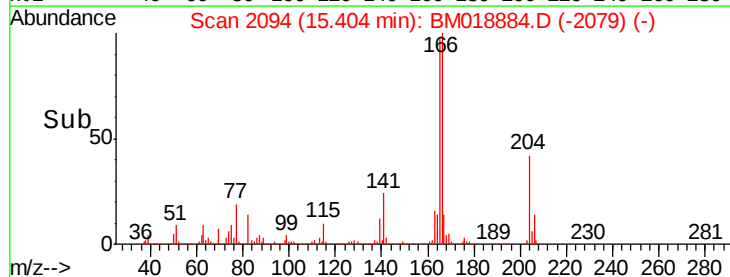
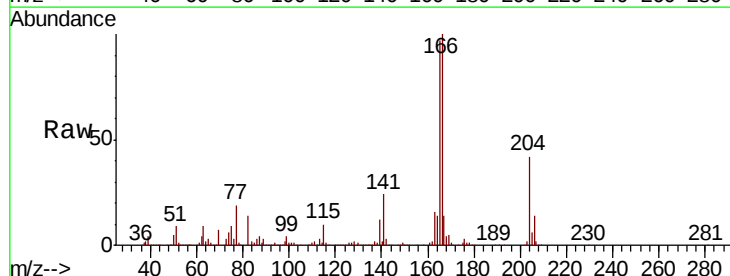
Manual Integrations
APPROVED

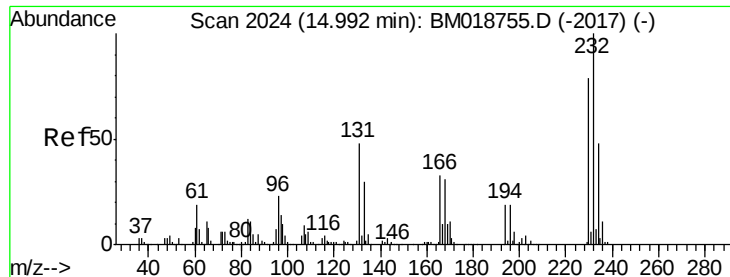
Sohil
2/21/2019 10:08:48 AM



#58
Fluorene
Concen: 45.658 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2256195		
165	97.1	79.1	118.7		
167	13.6	11.0	16.4		





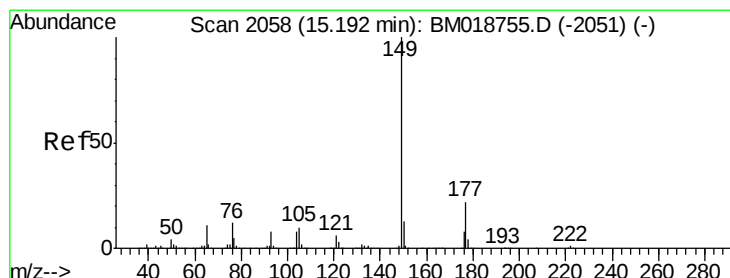
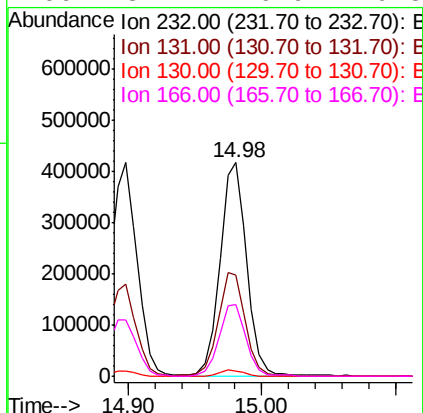
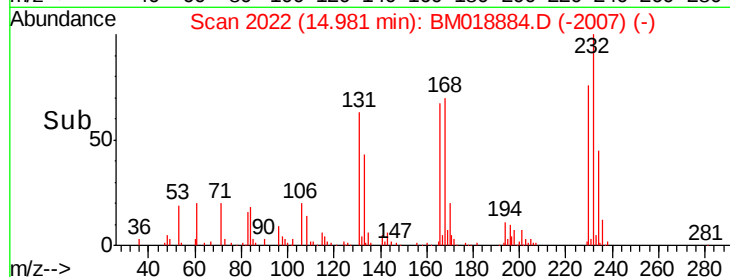
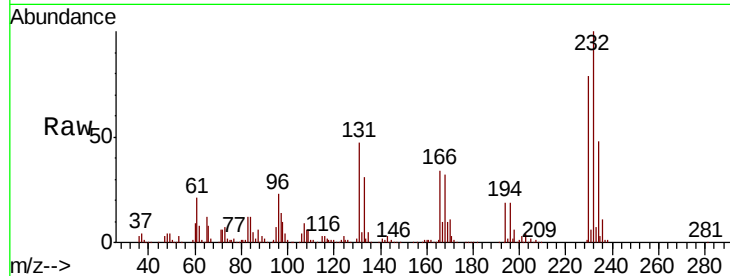
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.706 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.3	38.6	57.8
130	2.6	2.0	3.0
166	34.2	26.9	40.3

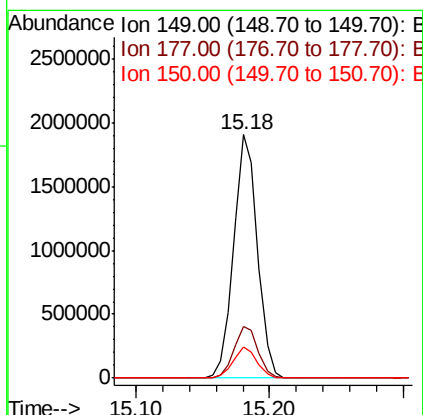
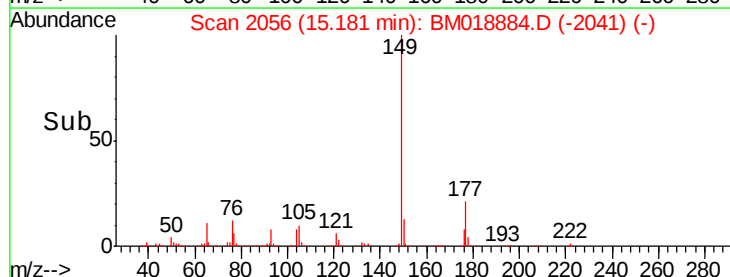
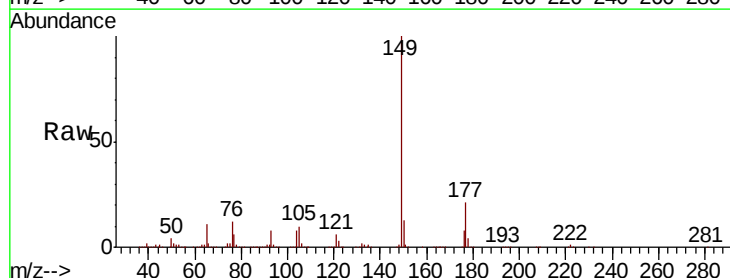
Manual Integrations
APPROVED

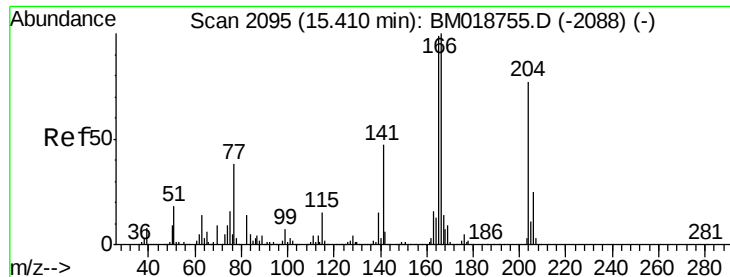
Sohil
2/21/2019 10:08:48 AM



#60
Diethylphthalate
Concen: 42.448 ng
RT: 15.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.2	25.8
150	12.7	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 40.052 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

ClientSampled :

PB117235BS

Tot Ion:204 Resp: 1109689

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

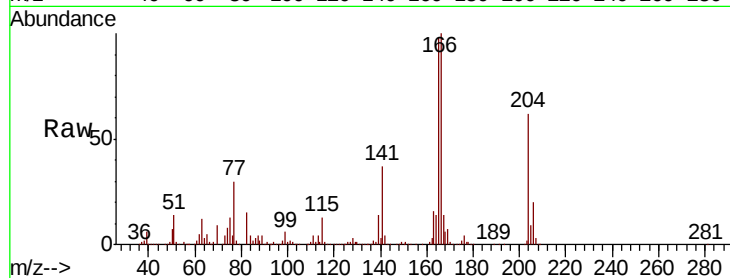
141 59.5 49.2 73.8

Manual Integrations

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Sohil

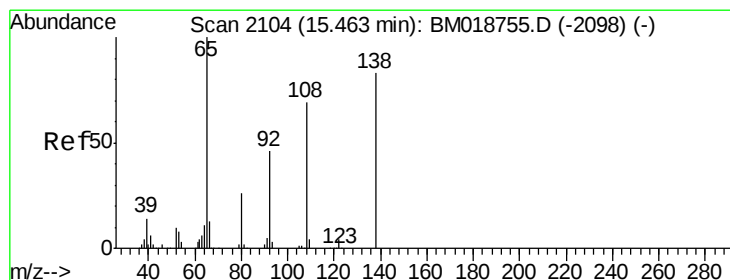
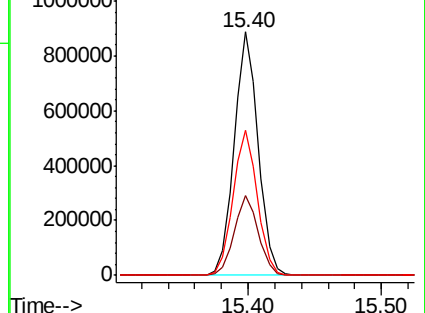
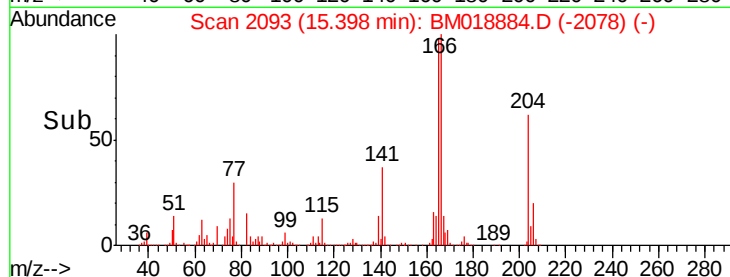
2/21/2019 10:08:48 AM



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: 40.828 ng

RT: 15.45 min Scan# 2102

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

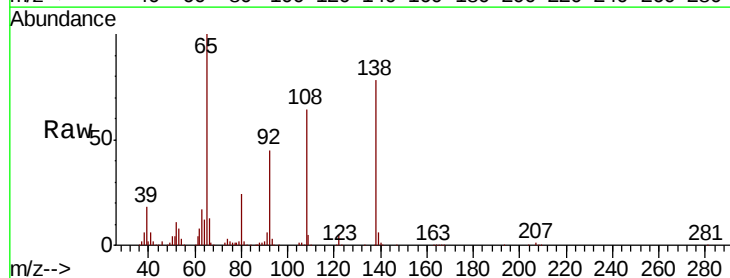
Tgt Ion:138 Resp: 528570

Ion Ratio Lower Upper

138 100

92 57.5 35.5 75.5

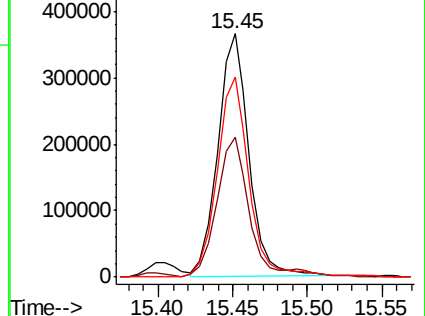
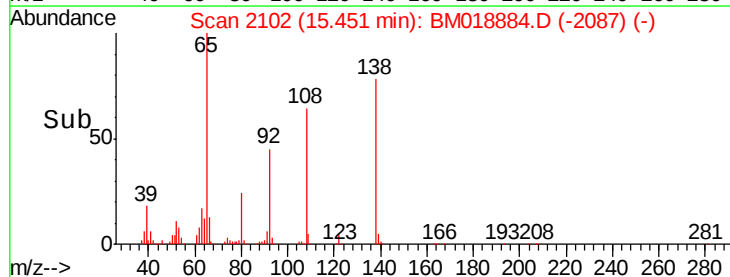
108 82.3 62.4 102.4

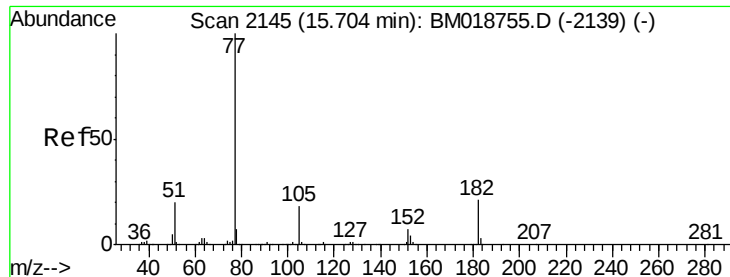


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





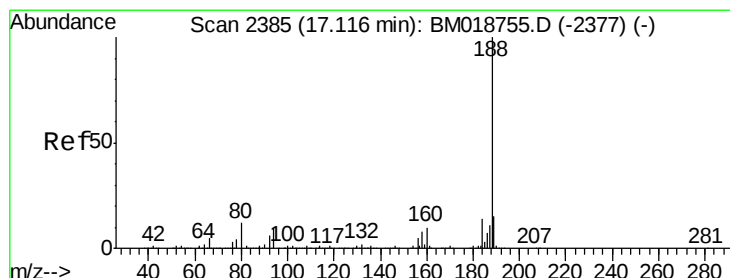
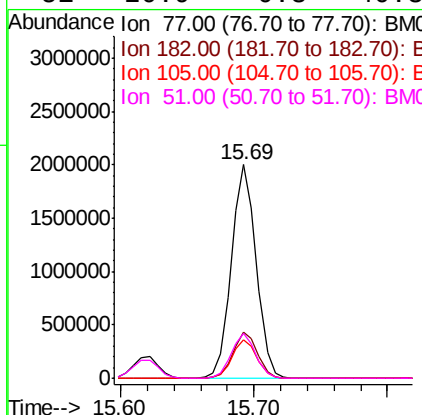
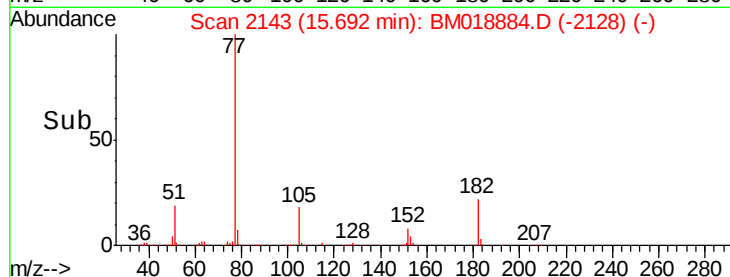
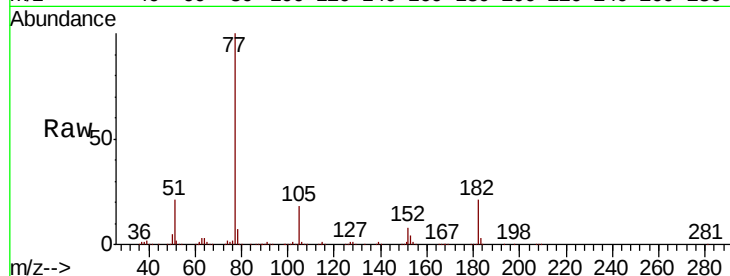
#63
Azobenzene
Concen: 43.273 ng
RT: 15.69 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.0	41.0
105	17.9	0.0	37.7
51	20.9	0.3	40.3

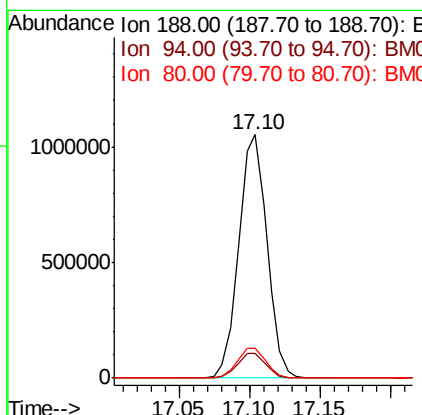
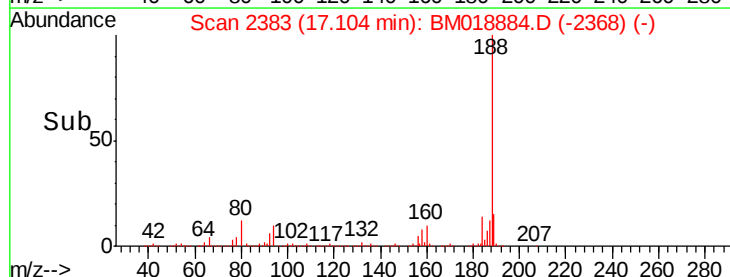
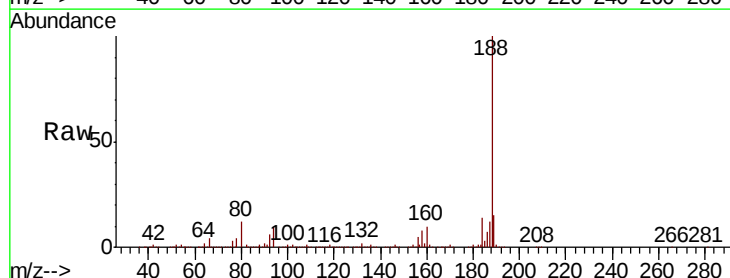
Manual Integrations
APPROVED

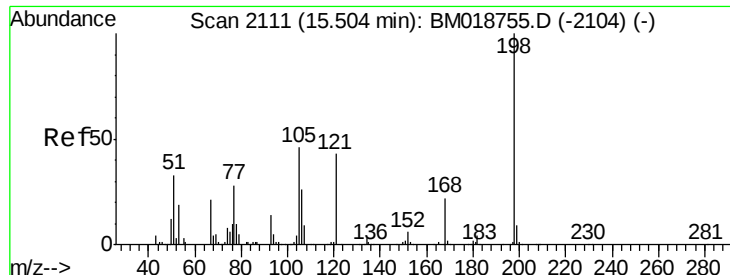
Sohil
2/21/2019 10:08:48 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	12.2	9.7	14.5





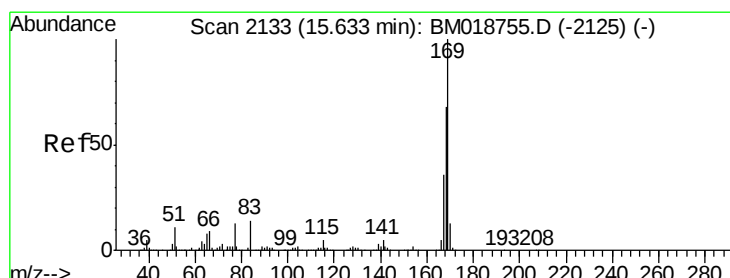
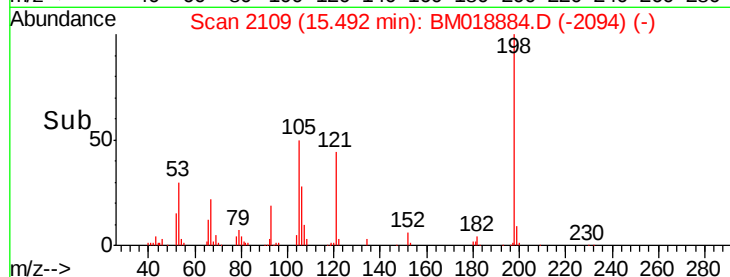
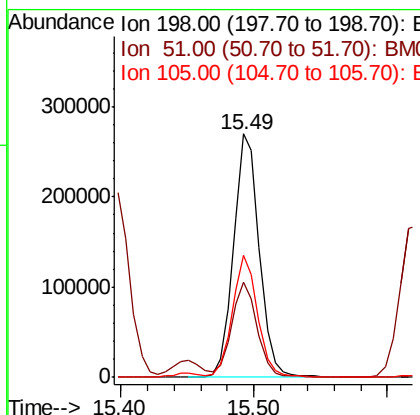
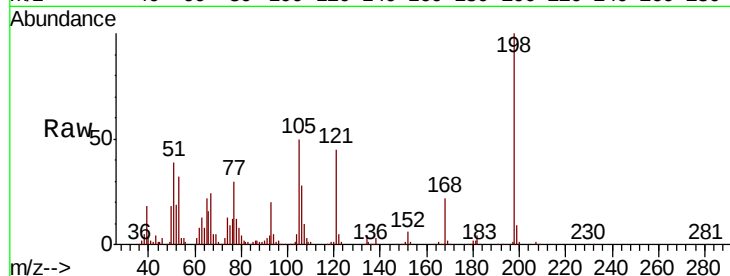
#65
4,6-Dinitro-2-methylphenol
Concen: 35.151 ng
RT: 15.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	362462		
51	39.2	18.4	58.4	
105	50.1	27.2	67.2	

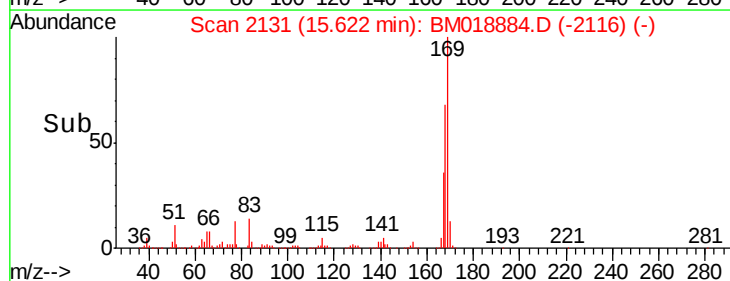
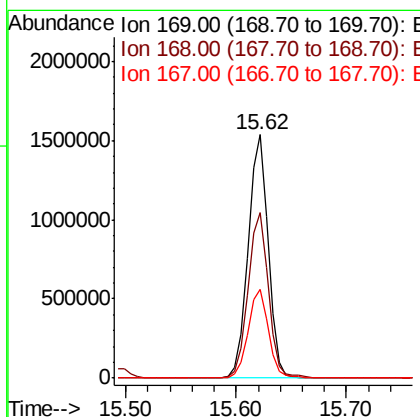
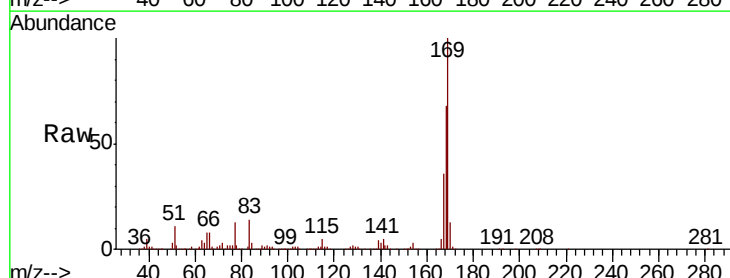
Manual Integrations
APPROVED

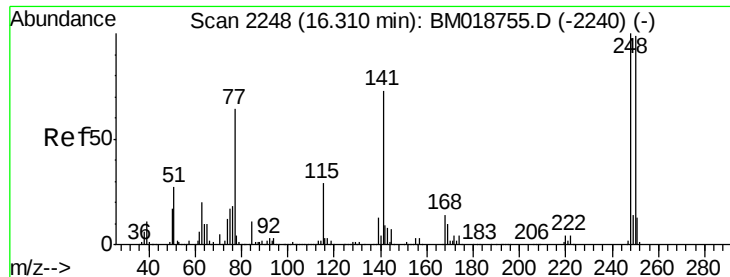
Sohil
2/21/2019 10:08:48 AM



#66
n-Nitrosodiphenylamine
Concen: 42.275 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1961601		
168	68.2	54.4	81.6	
167	36.4	29.0	43.6	





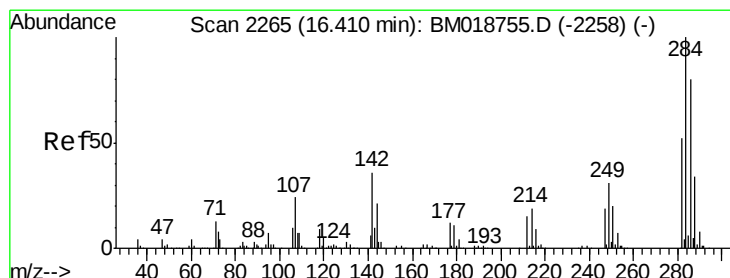
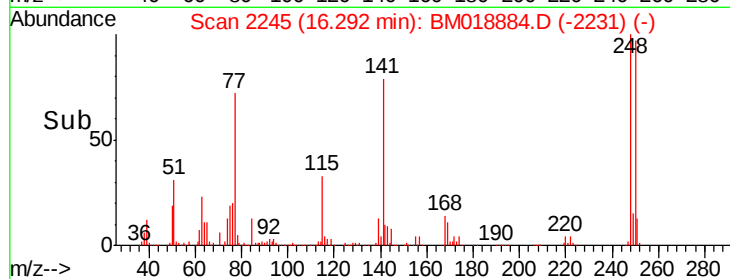
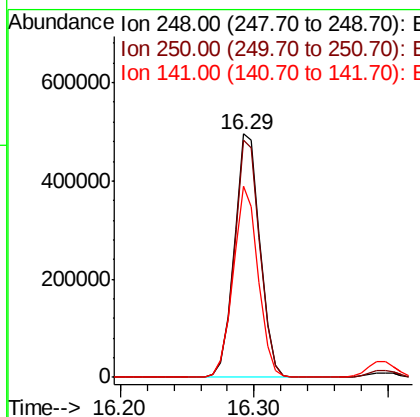
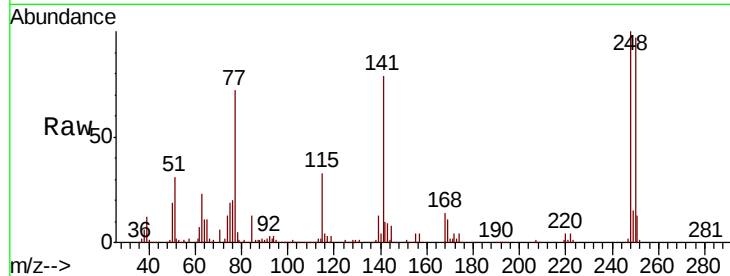
#67
4-Bromophenyl-phenylether
Concen: 40.053 ng
RT: 16.29 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	79.0	118.6
141	78.7	58.6	88.0

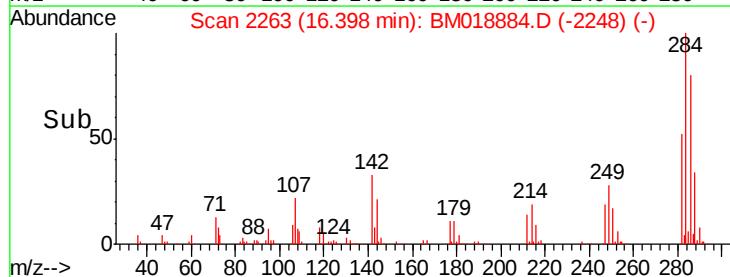
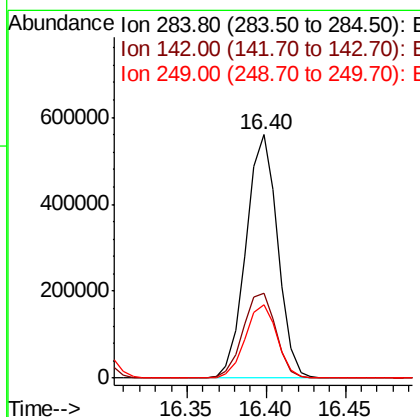
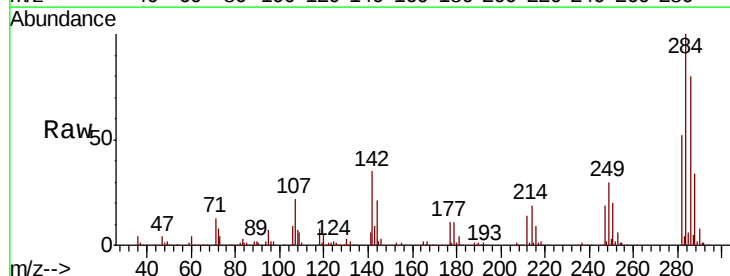
Manual Integrations
APPROVED

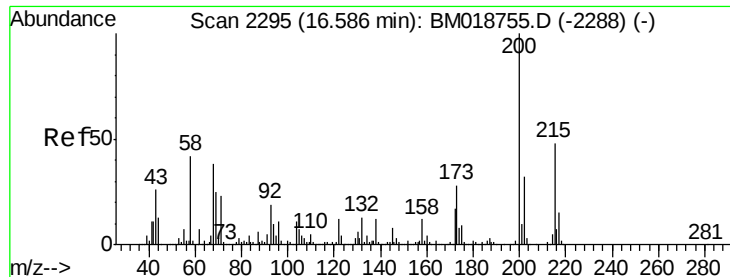
Sohil
2/21/2019 10:08:48 AM



#68
Hexachlorobenzene
Concen: 40.640 ng
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	28.9	43.3
249	30.2	24.8	37.2





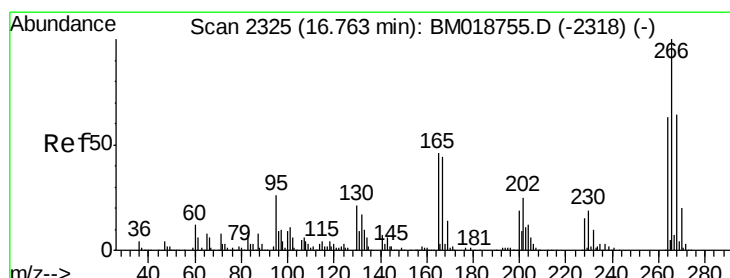
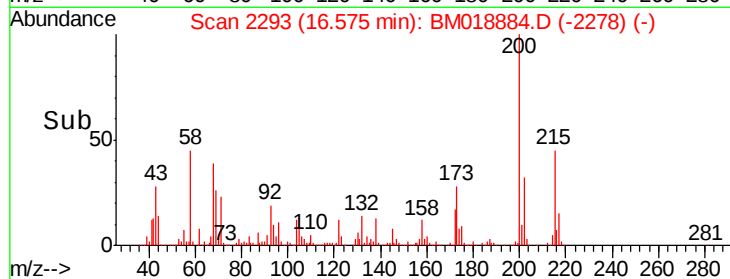
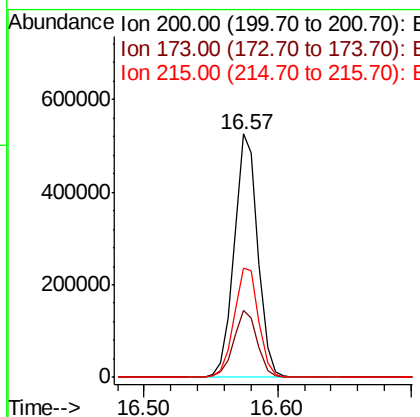
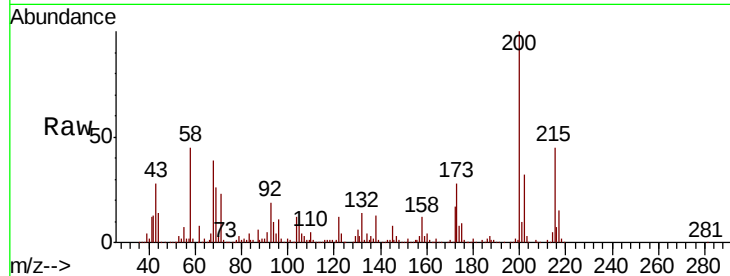
#69
Atrazine
Concen: 43.301 ng
RT: 16.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	647735		
173	27.6		7.6	47.6
215	44.9		27.6	67.6

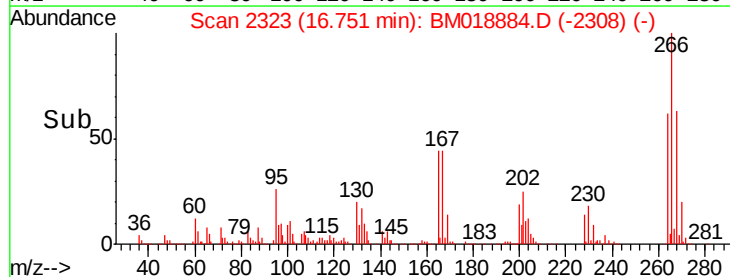
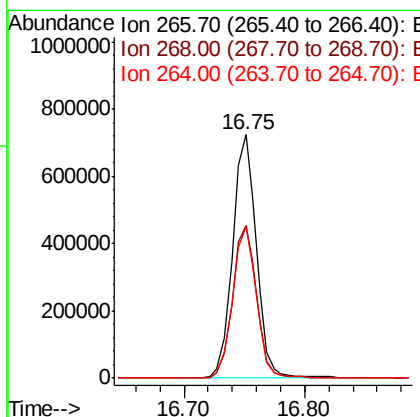
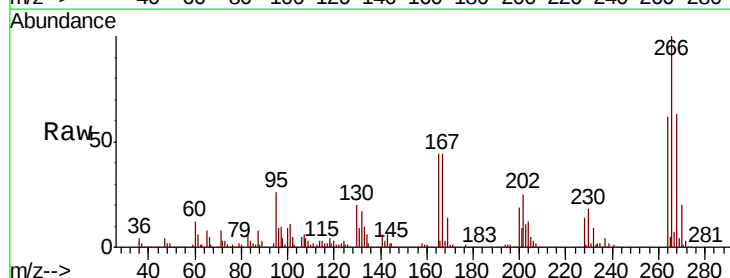
Manual Integrations
APPROVED

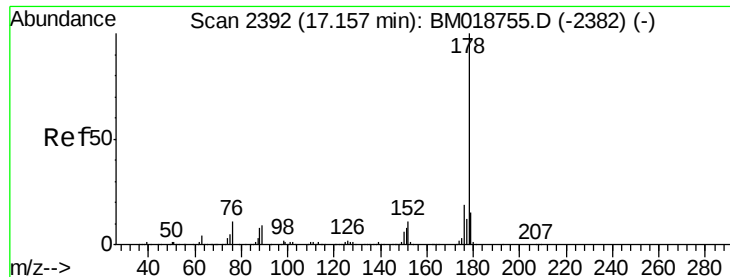
Sohil
2/21/2019 10:08:48 AM



#70
Pentachlorophenol
Concen: 80.600 ng
RT: 16.75 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	991633		
268	63.0		51.3	76.9
264	62.1		50.6	75.8





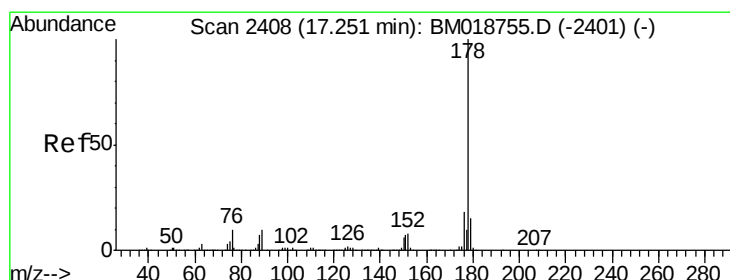
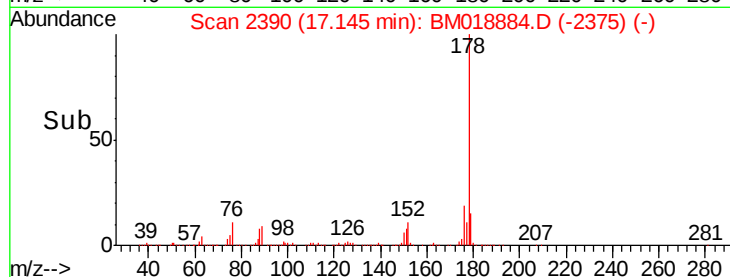
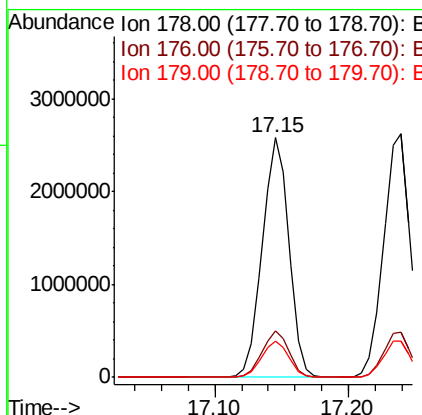
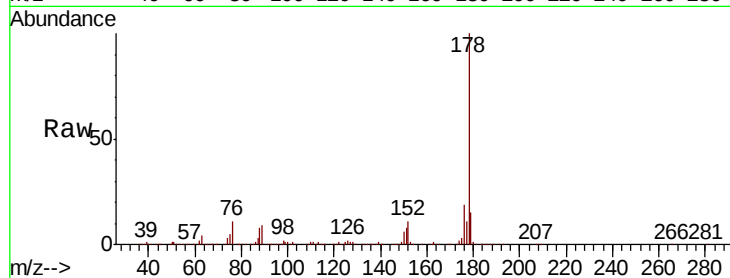
#71
Phenanthrene
Concen: 44.943 ng
RT: 17.15 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion:178 Resp: 3547265
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.3 18.5

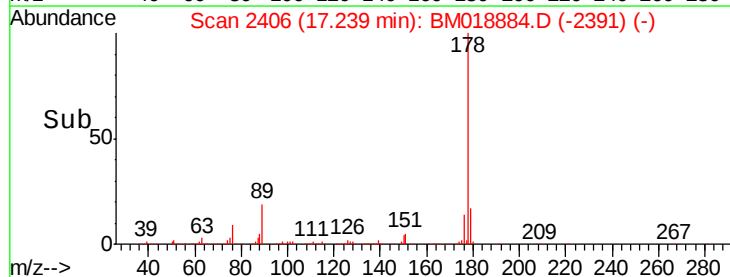
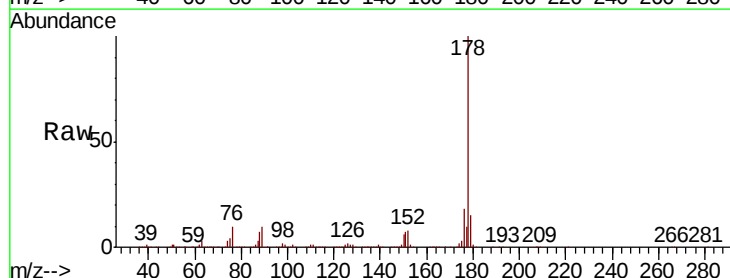
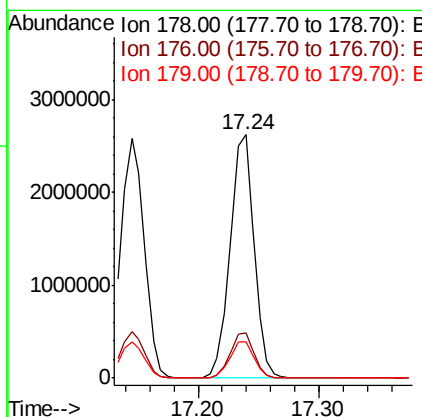
Manual Integrations
APPROVED

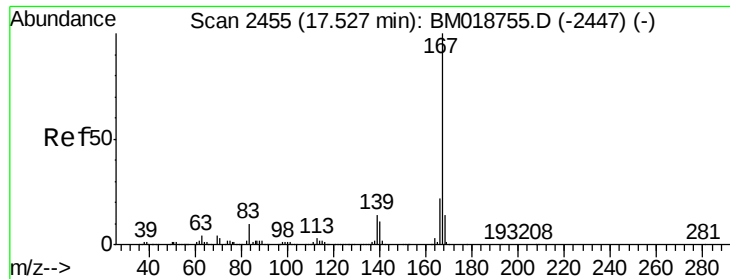
Sohil
2/21/2019 10:08:48 AM



#72
Anthracene
Concen: 47.298 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion:178 Resp: 3633571
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.1 12.1 18.1





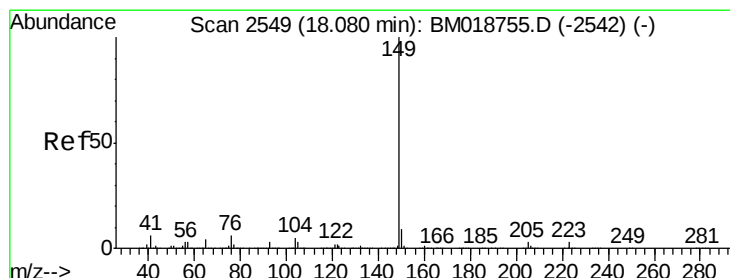
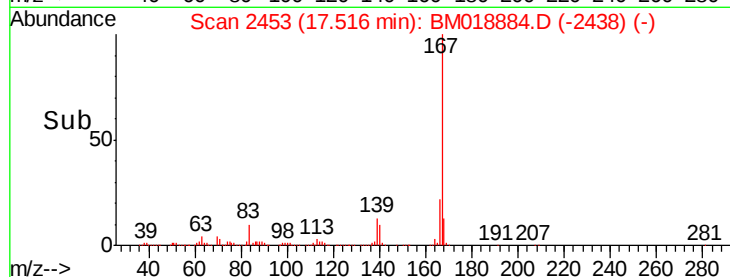
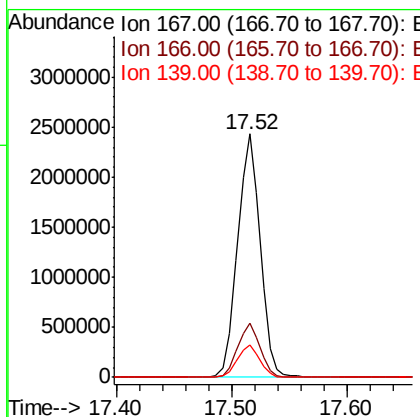
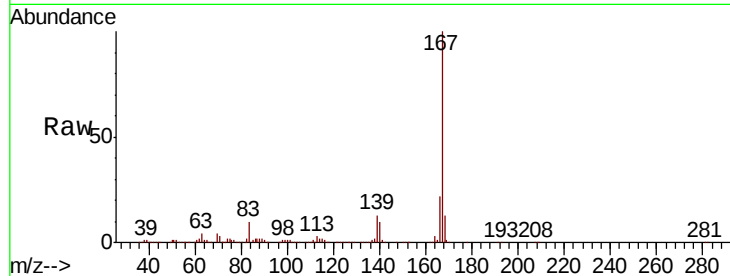
#73
 Carbazole
 Concen: 41.124 ng
 RT: 17.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	13.2	10.9	16.3

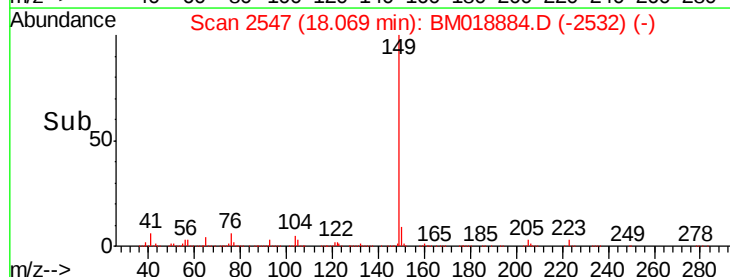
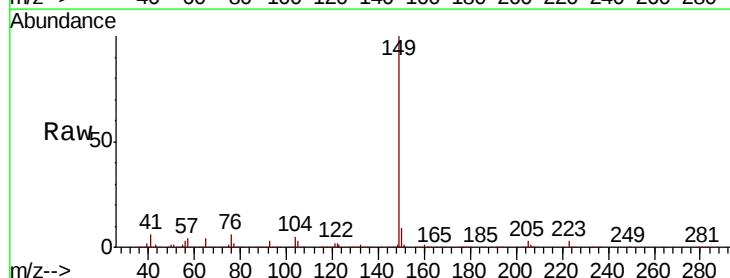
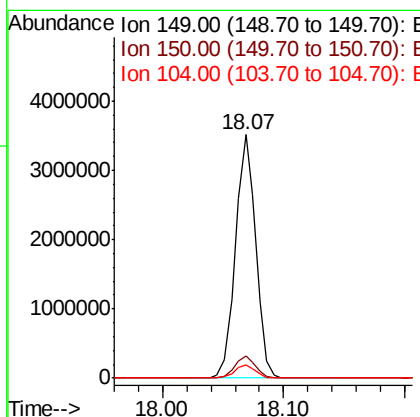
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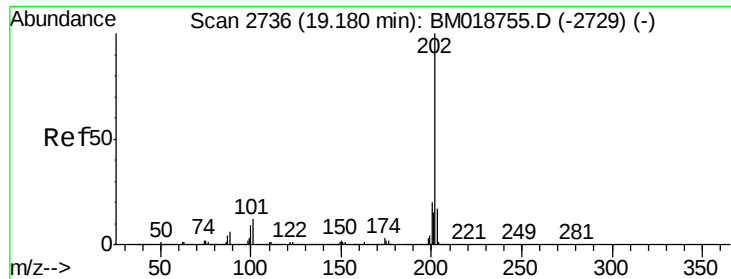
Sohil
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#74
 Di-n-butylphthalate
 Concen: 44.403 ng
 RT: 18.07 min Scan# 2547
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 45.462 ng

RT: 19.17 min Scan# 2734

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

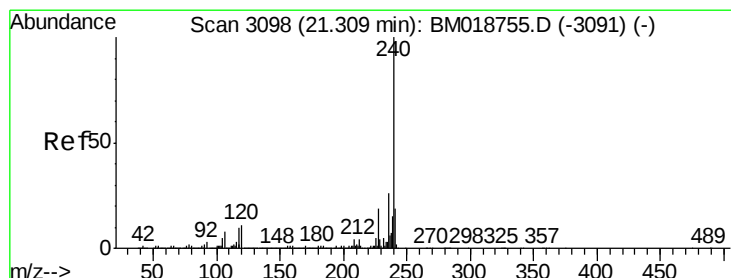
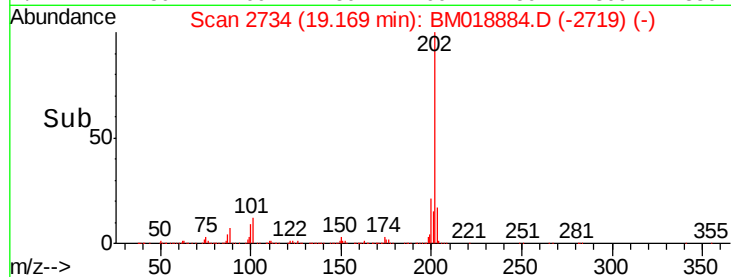
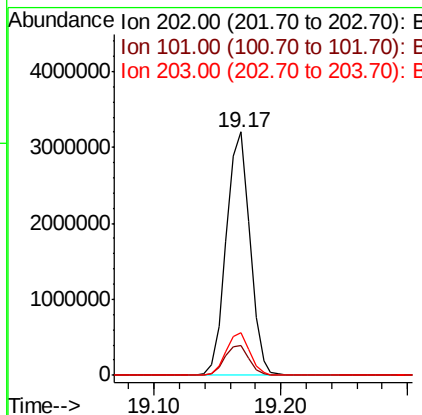
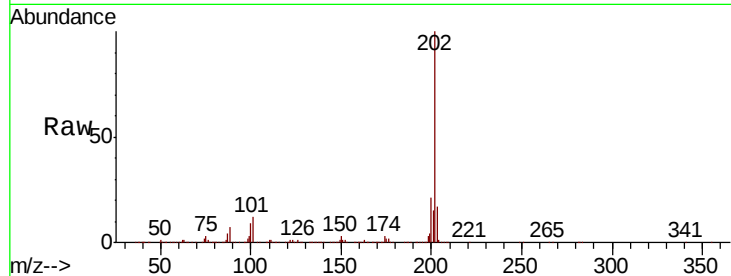
ClientSampleId :

PB117235BS

Tot Ion:	202	Resp:	4144837
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
203	17.5	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

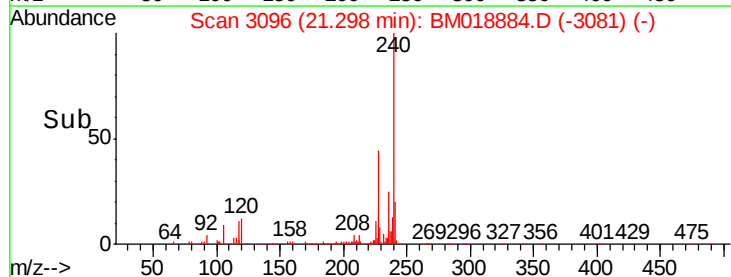
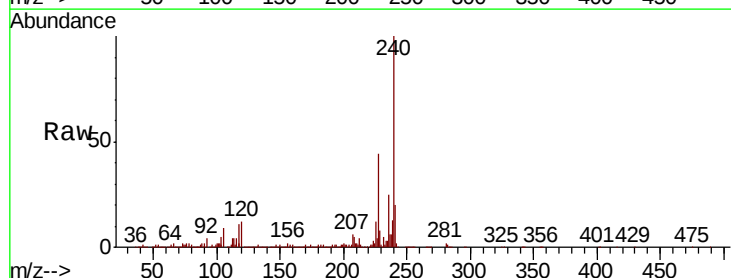
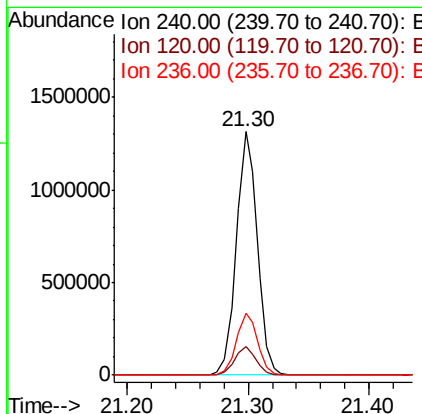
RT: 21.30 min Scan# 3096

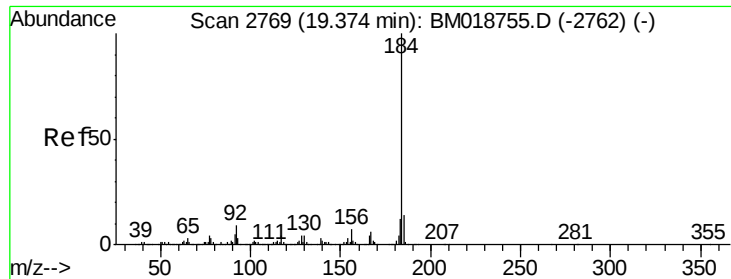
Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	240	Resp:	1591779
Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.9	13.3
236	25.3	20.9	31.3





#77

Benzidine

Concen: 106.540 ng

RT: 19.37 min Scan# 2768

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

ClientSampleId :

PB117235BS

Tot Ion:184 Resp: 3819358

Ion Ratio Lower Upper

184 100

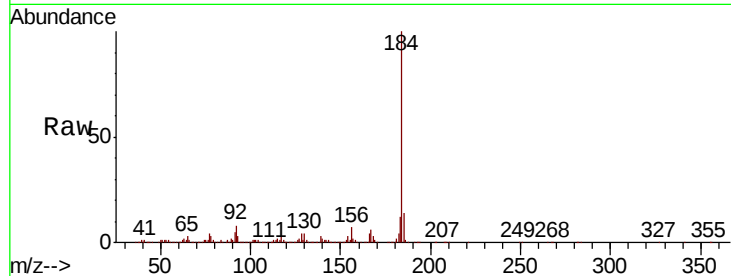
185 14.1 11.2 16.8

183 12.3 9.7 14.5

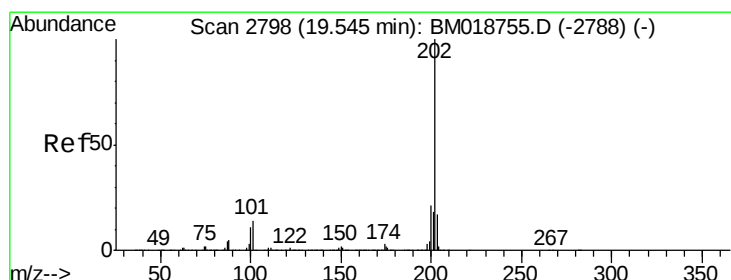
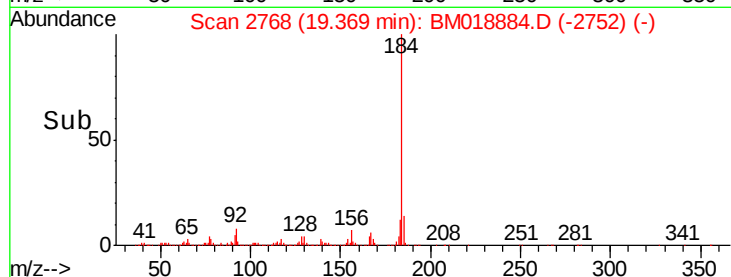
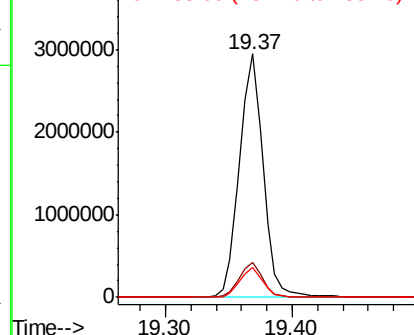
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.087 ng

RT: 19.53 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

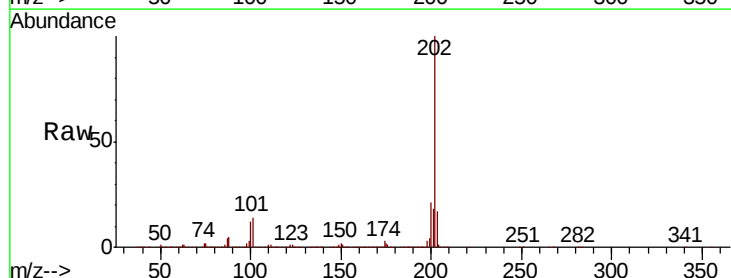
Tgt Ion:202 Resp: 4260696

Ion Ratio Lower Upper

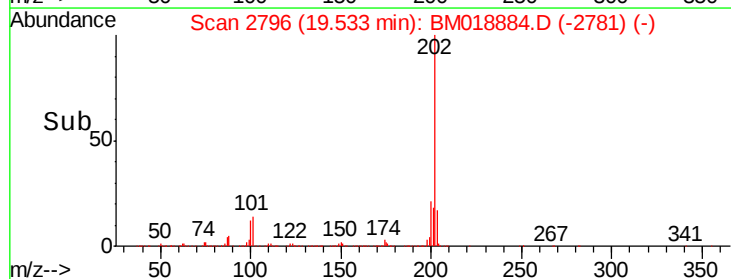
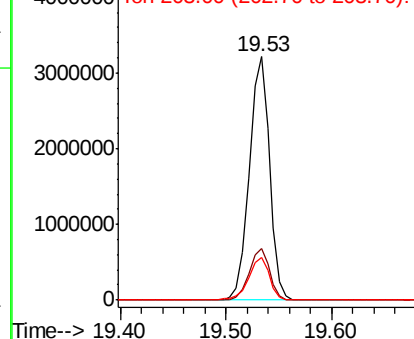
202 100

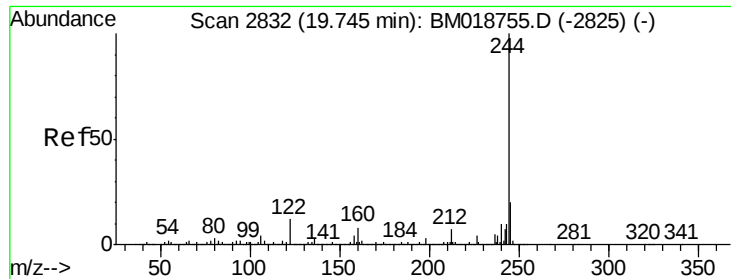
200 21.0 16.9 25.3

203 17.4 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





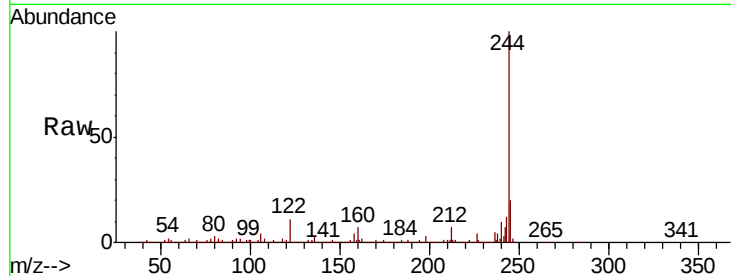
#79
 Terphenyl-d14
 Concen: 92.886 ng
 RT: 19.74 min Scan# 2831
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BS

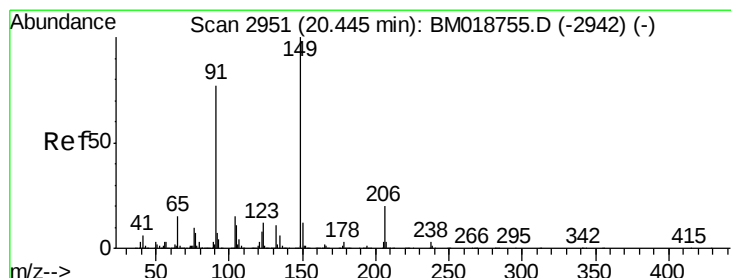
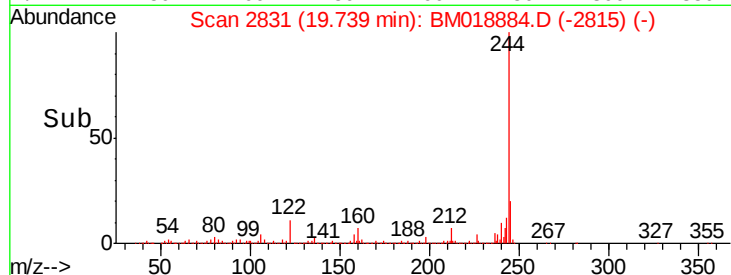
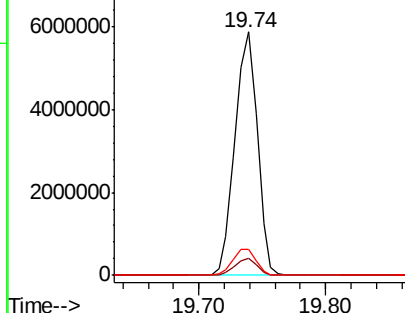
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.8	9.3	13.9

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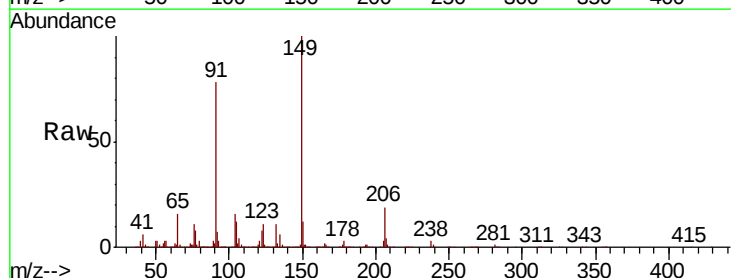


Abundance Ion 244.00 (243.70 to 244.70): E
 8000000
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

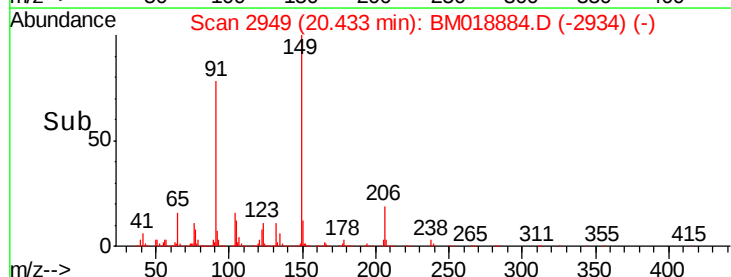
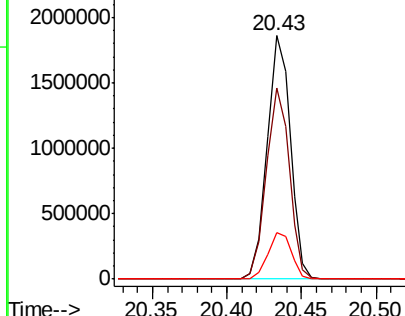


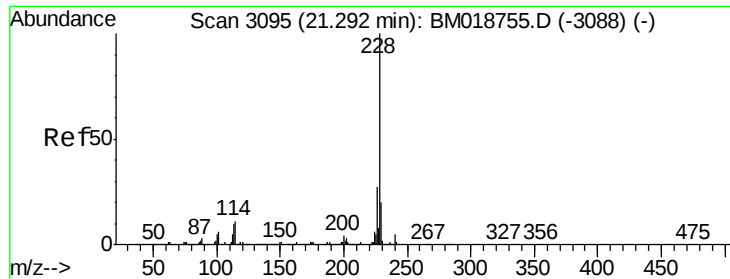
#80
 Butylbenzylphthalate
 Concen: 47.458 ng
 RT: 20.43 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.4	61.4	92.0
206	19.4	15.8	23.8



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000
 Ion 91.00 (90.70 to 91.70): BM
 Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.945 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

ClientSampleId :

PB117235BS

Tot Ion:228 Resp: 4170348

Ion Ratio Lower Upper

228 100

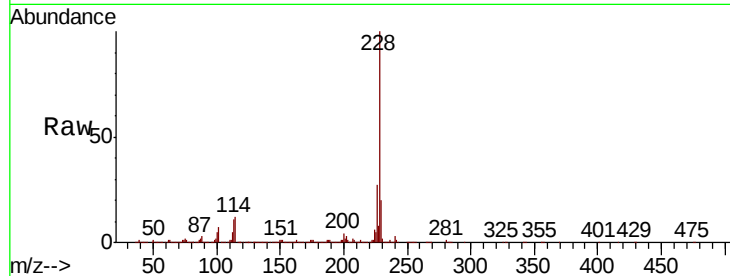
226 27.2 21.9 32.9

229 20.1 15.9 23.9

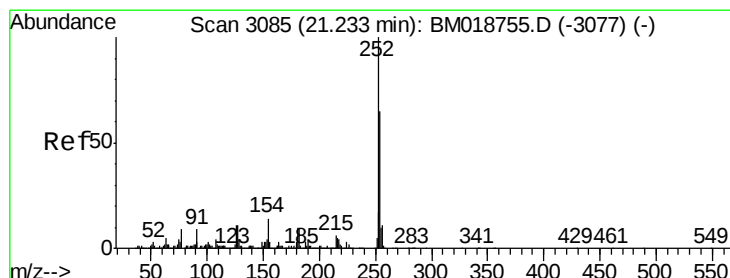
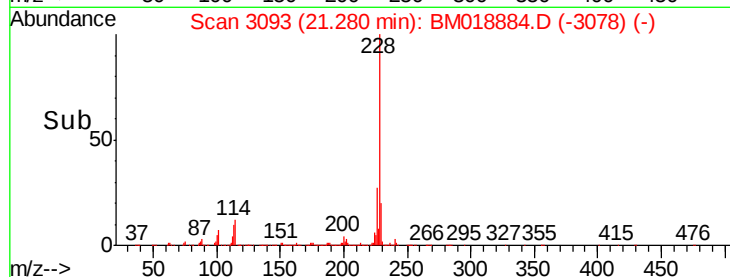
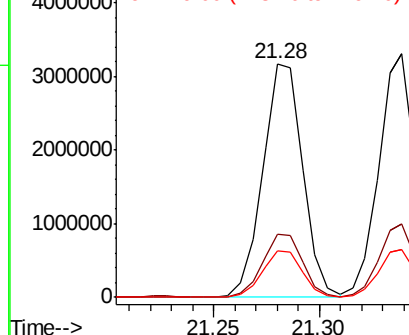
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.247 ng

RT: 21.22 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

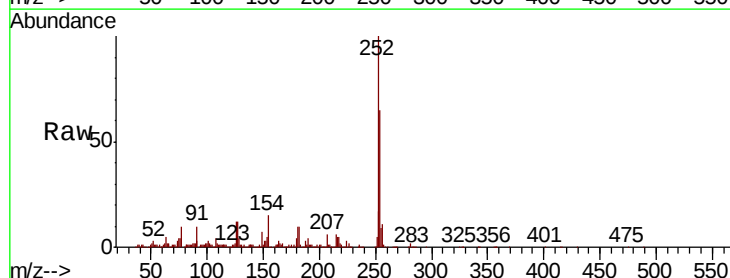
Tgt Ion:252 Resp: 1549246

Ion Ratio Lower Upper

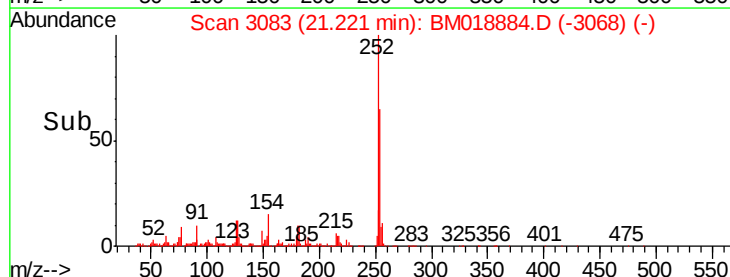
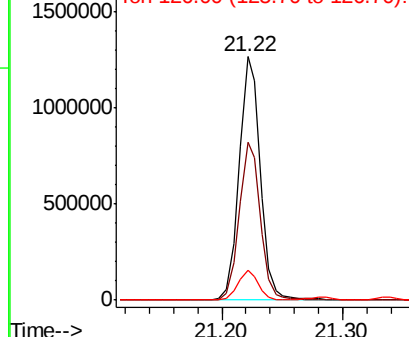
252 100

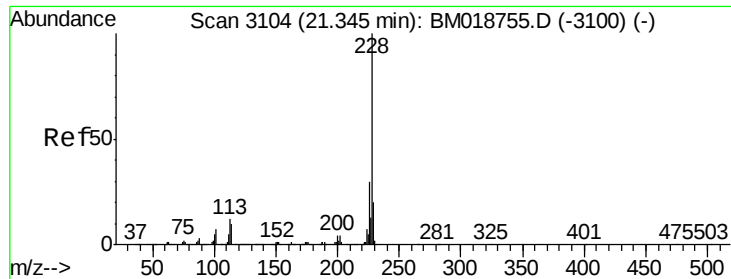
254 64.9 51.8 77.8

126 12.3 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





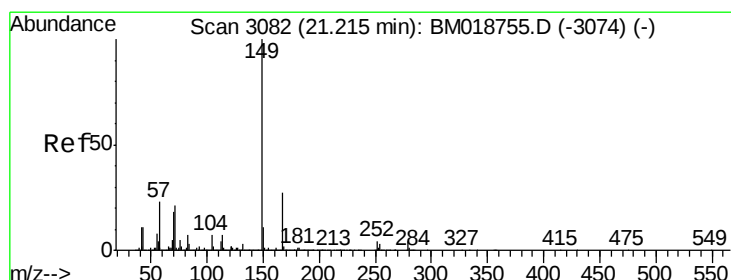
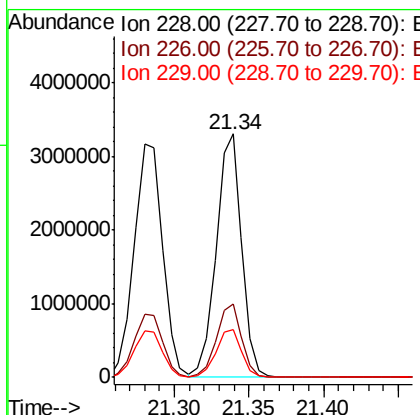
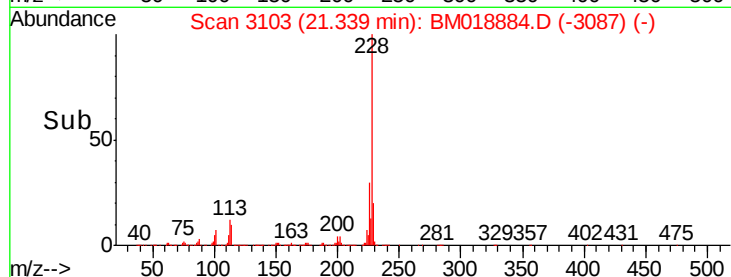
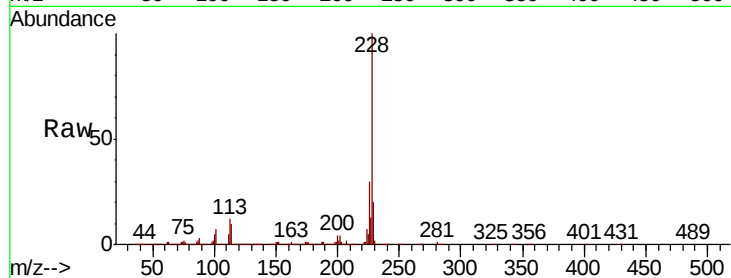
#83
 Chrysene
 Concen: 44.185 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Instrument :
 BNA_M
 ClientSampleId :
 PB117235BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.8	16.0	24.0

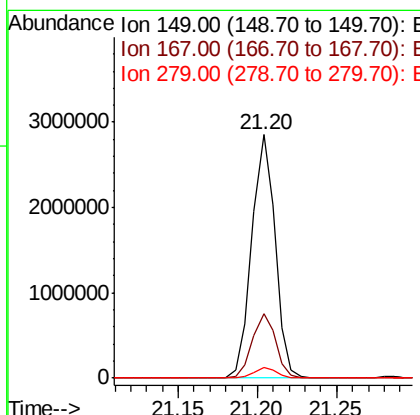
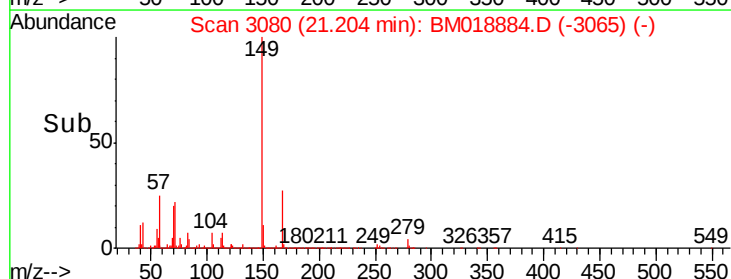
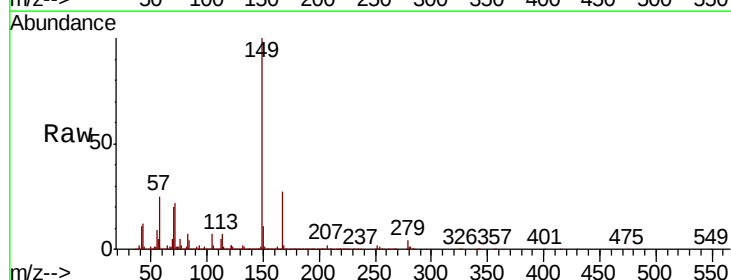
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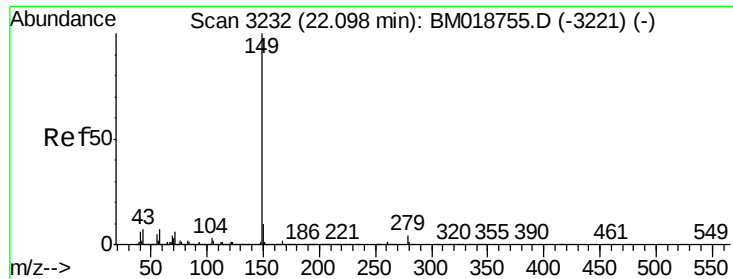
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.359 ng
 RT: 21.20 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM018884.D
 Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.8	32.6
279	4.2	3.6	5.4





#85

Di-n-octyl phthalate

Concen: 48.462 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Instrument :

BNA_M

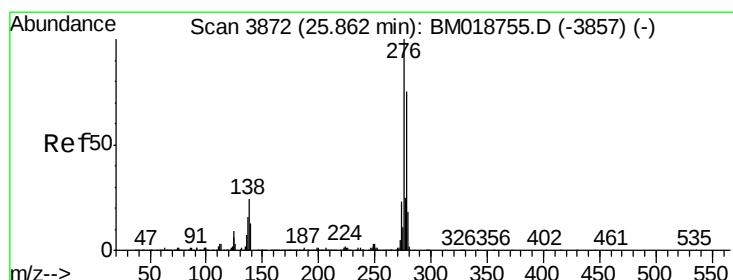
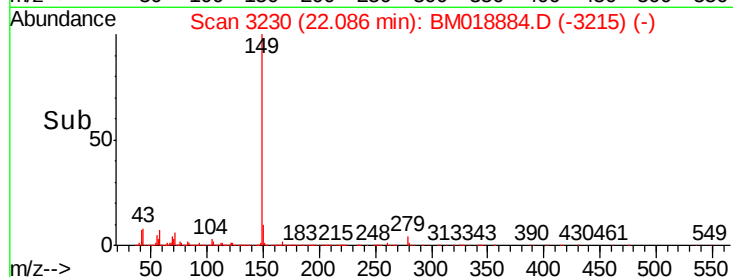
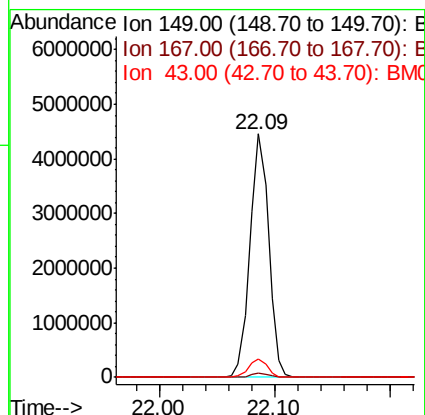
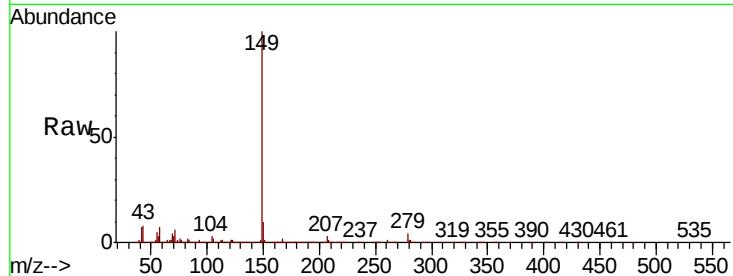
ClientSampleId :

PB117235BS

Tot Ion:	149	Resp:	5022751
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.6	6.0	9.0

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.087 ng

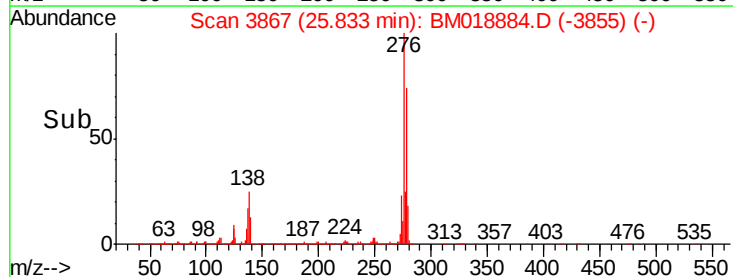
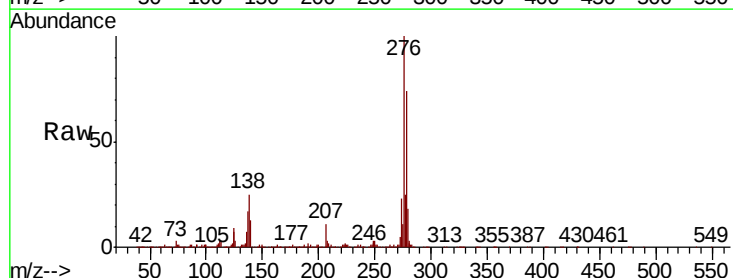
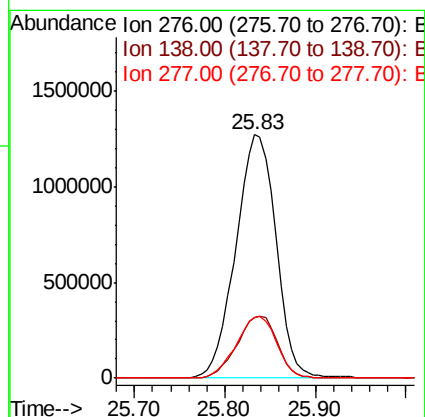
RT: 25.83 min Scan# 3867

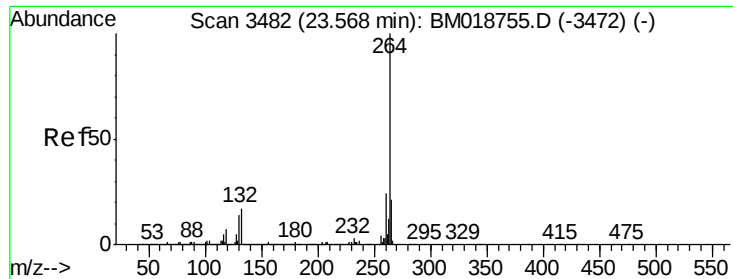
Delta R.T. -0.03 min

Lab File: BM018884.D

Acq: 20 Feb 2019 15:05

Tgt Ion:	276	Resp:	3910829
Ion	Ratio	Lower	Upper
276	100		
138	25.8	20.2	30.4
277	25.4	20.3	30.5





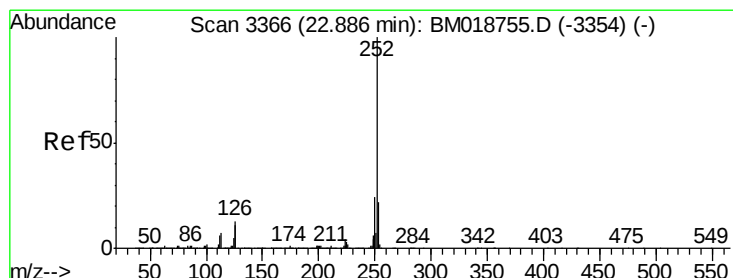
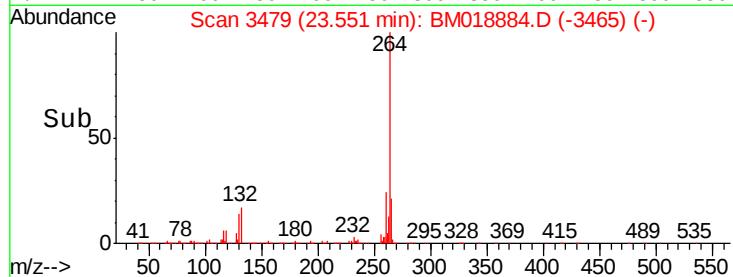
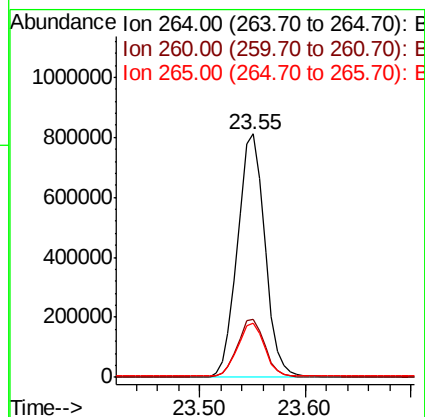
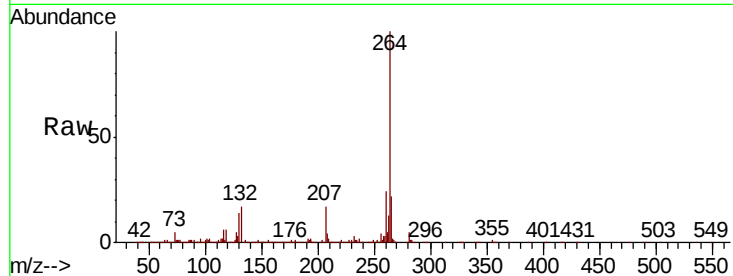
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	17.3	25.9

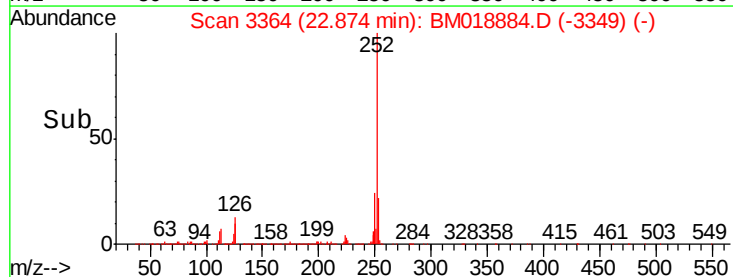
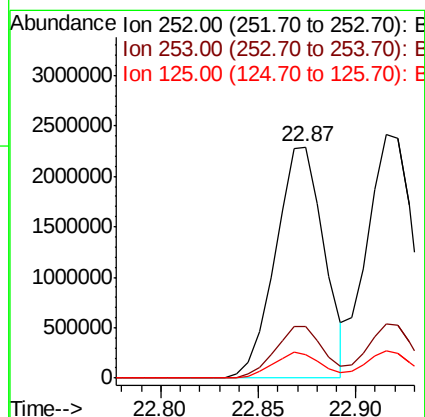
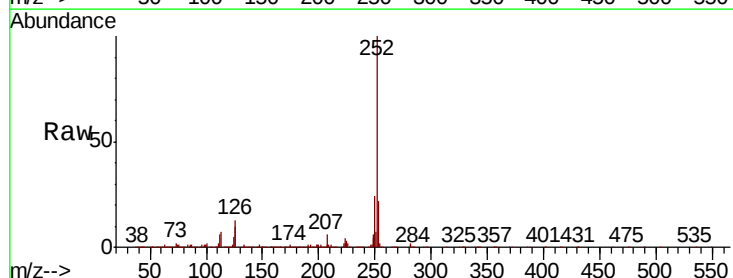
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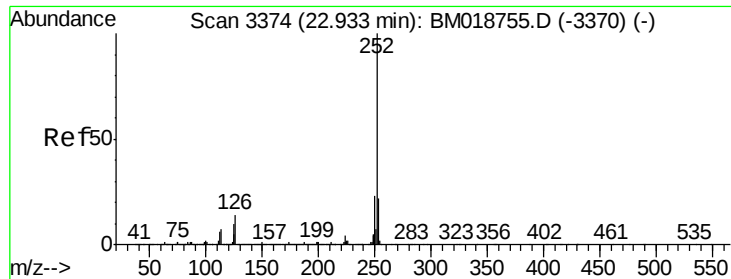
Sohil
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#88
Benzo(b)fluoranthene
Concen: 47.260 ng
RT: 22.87 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	10.3	8.6	12.8





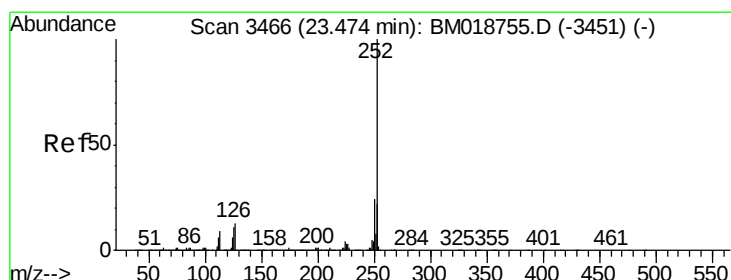
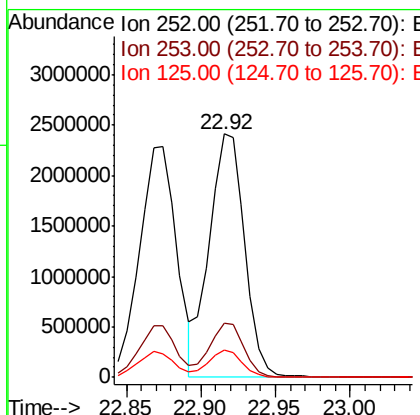
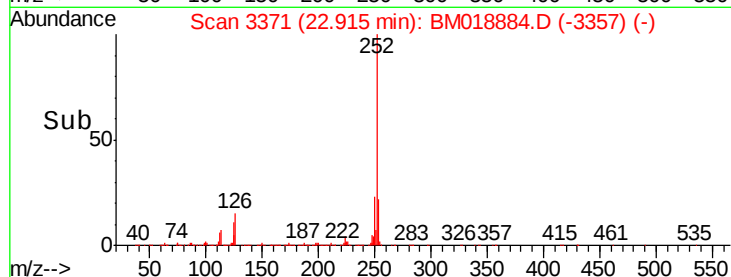
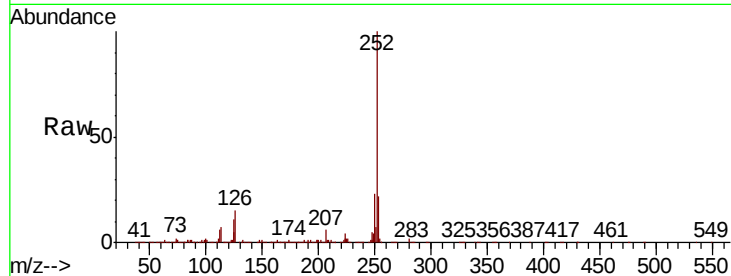
#89
Benzo(k)fluoranthene
Concen: 47.892 ng
RT: 22.92 min Scan# 3371
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion:252 Resp: 3980605
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.0 8.2 12.4

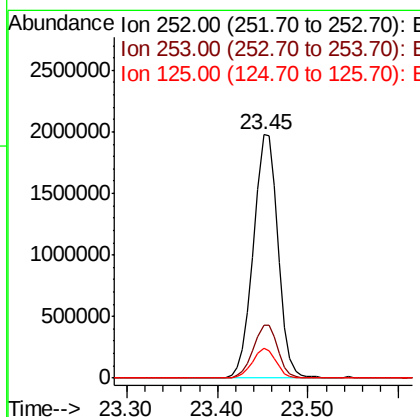
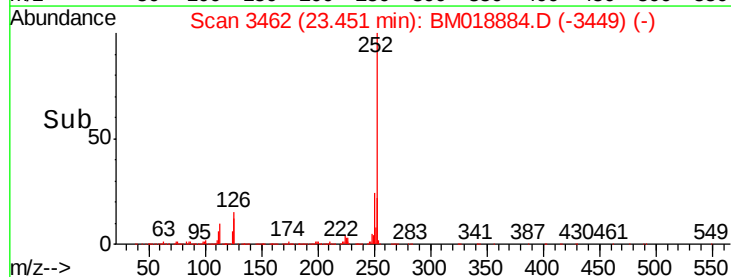
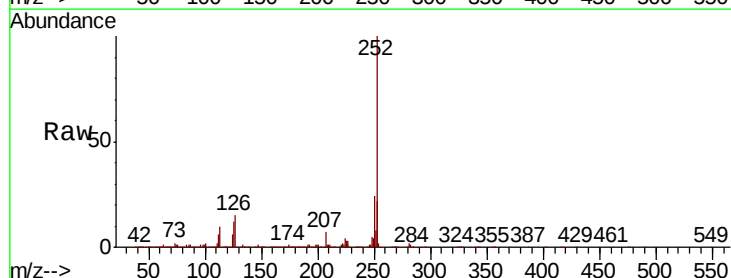
Manual Integrations
APPROVED

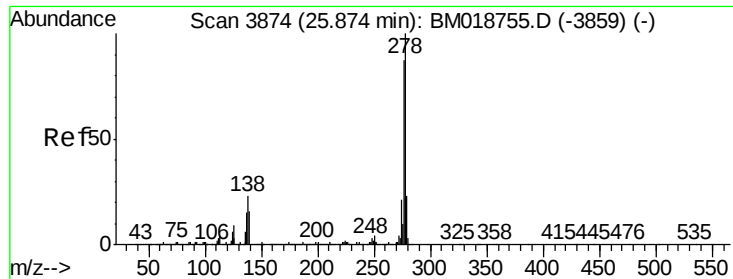
Sohil
2/21/2019 10:08:48 AM



#90
Benzo(a)pyrene
Concen: 47.086 ng
RT: 23.45 min Scan# 3462
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion:252 Resp: 3724038
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 12.0 8.6 13.0





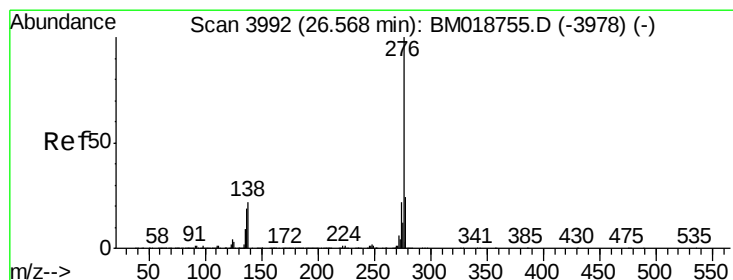
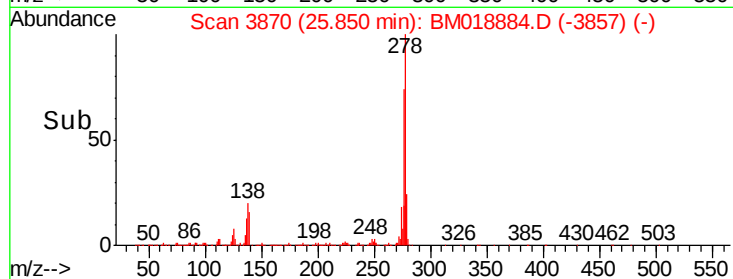
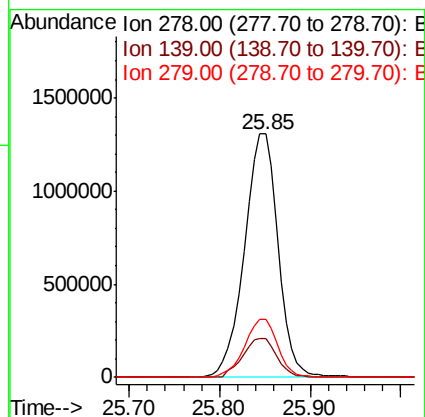
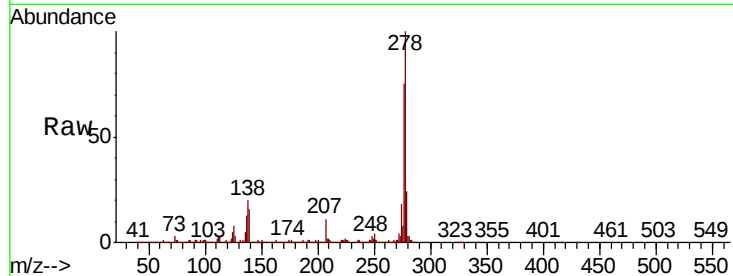
#91
Dibenzo(a,h)anthracene
Concen: 43.057 ng
RT: 25.85 min Scan# 3870
Delta R.T. -0.02 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Instrument :
BNA_M
ClientSampleId :
PB117235BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.6	18.8
279	23.9	18.6	28.0

Manual Integrations
APPROVED

Sohil
2/21/2019 10:08:48 AM



#92
Benzo(g,h,i)perylene
Concen: 42.107 ng
RT: 26.54 min Scan# 3987
Delta R.T. -0.03 min
Lab File: BM018884.D
Acq: 20 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.8	17.3	25.9

