

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021119\
 Data File : BM018761.D
 Acq On : 11 Feb 2019 17:17
 Operator : JU/SJ
 Sample : PB116995BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BSD

Manual Integrations
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Sohil
 2/12/2019 12:11:52 PM

Quant Time: Feb 12 07:30:08 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	7.72	152	275782	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1170682	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	675848	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1595390	20.00	ng	0.00
76) Chrysene-d12	21.32	240	1824994	20.00	ng	0.00
87) Perylene-d12	23.57	264	1900612	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	2436703	144.77	ng	0.00
7) Phenol-d6	6.89	99	3475241	146.56	ng	0.00
23) Nitrobenzene-d5	8.89	82	1799330	71.07	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1544521	158.54	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3633534	71.37	ng	0.00
79) Terphenyl-d14	19.75	244	6913407	78.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	305048	41.611	ng	100
3) Pyridine	3.66	79	944262	47.221	ng	98
4) n-Nitrosodimethylamine	3.58	42	258868	50.887	ng	99
6) Aniline	7.06	93	1334586	45.937	ng	98
8) 2-Chlorophenol	7.28	128	803175	43.463	ng	98
9) Benzaldehyde	6.87	77	766047	74.005	ng	99
10) Phenol	6.92	94	1086279	43.539	ng	100
11) bis(2-Chloroethyl)ether	7.16	93	808432	42.478	ng	98
12) 1,3-Dichlorobenzene	7.60	146	865251	41.640	ng	99
13) 1,4-Dichlorobenzene	7.75	146	884987	41.835	ng	99
14) 1,2-Dichlorobenzene	8.06	146	849516	41.807	ng	98
15) Benzyl Alcohol	7.96	79	831136	44.113	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.25	45	768909	41.743	ng	100
17) 2-Methylphenol	8.16	107	696204	43.843	ng	97
18) Hexachloroethane	8.78	117	328677	42.562	ng	98
19) n-Nitroso-di-n-propylamine	8.53	70	791199	43.095	ng	99
20) 3+4-Methylphenols	8.49	107	963826	43.956	ng	98
22) Acetophenone	8.55	105	1309517	40.733	ng	# 99
24) Nitrobenzene	8.93	77	1095561	41.687	ng	99
25) Isophorone	9.45	82	1985664	49.153	ng	99
26) 2-Nitrophenol	9.63	139	451919	43.180	ng	97
27) 2,4-Dimethylphenol	9.69	122	747970	48.932	ng	98
28) bis(2-Chloroethoxy)methane	9.93	93	1148185	43.952	ng	99
29) 2,4-Dichlorophenol	10.16	162	755818	43.062	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	825992	40.750	ng	98
31) Naphthalene	10.56	128	2528931	44.293	ng	99
32) Benzoic acid	9.85	122	542486	40.684	ng	98
33) 4-Chloroaniline	10.68	127	1118913	43.840	ng	99
34) Hexachlorobutadiene	10.82	225	462688	39.326	ng	100
35) Caprolactam	11.49	113	272924m	38.101	ng	
36) 4-Chloro-3-methylphenol	11.80	107	909056	42.957	ng	99
37) 2-Methylnaphthalene	12.17	142	1872451	46.580	ng	99
38) 1-Methylnaphthalene	12.39	142	1792022	45.588	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	905136	41.866	ng	99

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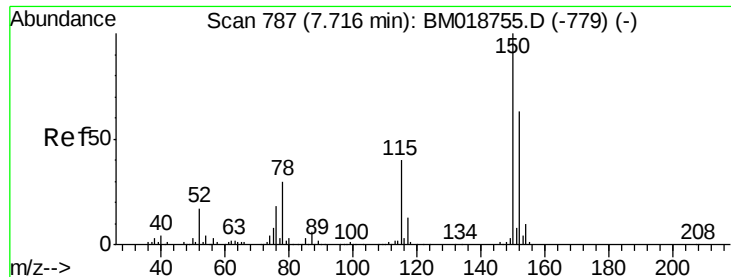
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1229165	111.201	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	629958	44.015	ng	100
44) 2,4,5-Trichlorophenol	12.86	196	674453	44.960	ng	99
46) 1,1'-Biphenyl	13.20	154	2391136	41.102	ng	98
47) 2-Chloronaphthalene	13.24	162	1848626	41.141	ng	100
48) 2-Nitroaniline	13.46	65	662924	44.422	ng	97
49) Acenaphthylene	14.09	152	3043711	45.491	ng	100
50) Dimethylphthalate	13.83	163	2447685	43.456	ng	100
51) 2,6-Dinitrotoluene	13.96	165	537761	44.074	ng	97
52) Acenaphthene	14.43	154	1762795	42.968	ng	100
53) 3-Nitroaniline	14.29	138	580579	42.113	ng	97
54) 2,4-Dinitrophenol	14.50	184	710758	90.955	ng	99
55) Dibenzofuran	14.77	168	2875871	42.648	ng	99
56) 4-Nitrophenol	14.60	139	1001486	91.002	ng	100
57) 2,4-Dinitrotoluene	14.75	165	773245	45.996	ng	99
58) Fluorene	15.42	166	2368599	45.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	632628	47.710	ng	99
60) Diethylphthalate	15.20	149	2530360	43.550	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1183315	40.911	ng	96
62) 4-Nitroaniline	15.46	138	594791	44.009	ng	98
63) Azobenzene	15.71	77	2668142	42.829	ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	460394	41.102	ng	96
66) n-Nitrosodiphenylamine	15.63	169	2075694	41.181	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	716198	40.106	ng	99
68) Hexachlorobenzene	16.42	284	833641	40.162	ng	97
69) Atrazine	16.59	200	712174	43.826	ng	100
70) Pentachlorophenol	16.76	266	1107376	82.857	ng	99
71) Phenanthrene	17.16	178	3790879	44.214	ng	99
72) Anthracene	17.25	178	3867251	46.341	ng	99
73) Carbazole	17.53	167	3588145	41.154	ng	99
74) Di-n-butylphthalate	18.08	149	4418234	44.063	ng	100
75) Fluoranthene	19.18	202	4523894	45.678	ng	99
77) Benzidine	19.38	184	5824619	141.713	ng	99
78) Pyrene	19.54	202	4693033	44.277	ng	99
80) Butylbenzylphthalate	20.45	149	2171412	44.952	ng	98
81) Benzo(a)anthracene	21.30	228	4824436	45.350	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	1910813	45.448	ng	98
83) Chrysene	21.35	228	4487776	44.013	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3138682	44.394	ng	99
85) Di-n-octyl phthalate	22.10	149	5466698	46.005	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5453248	46.322	ng	100
88) Benzo(b)fluoranthene	22.89	252	4923169	45.274	ng	100
89) Benzo(k)fluoranthene	22.94	252	4871450	44.998	ng	100
90) Benzo(a)pyrene	23.48	252	4781729	46.419	ng	99
91) Dibenzo(a,h)anthracene	25.89	278	4619788	45.266	ng	100
92) Benzo(g,h,i)perylene	26.58	276	4301590	45.273	ng	99

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



#1

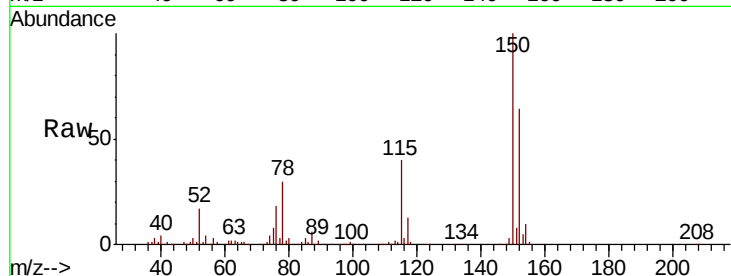
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.3	190.9
115	62.3	50.8	76.2

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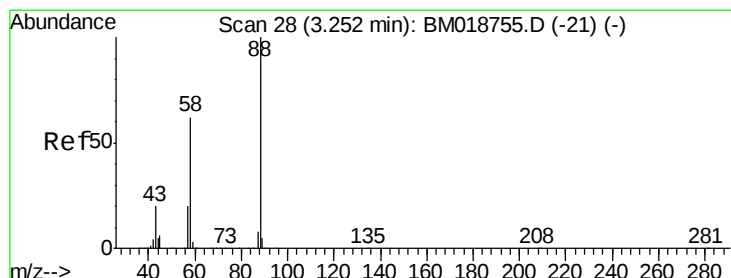
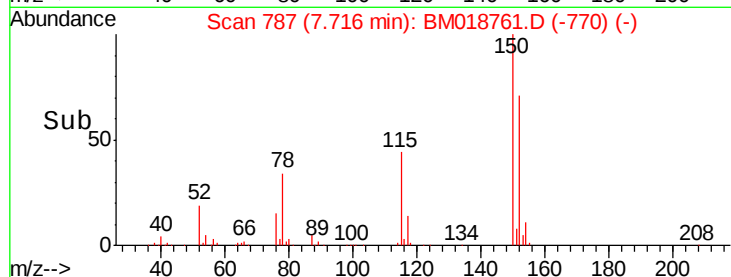
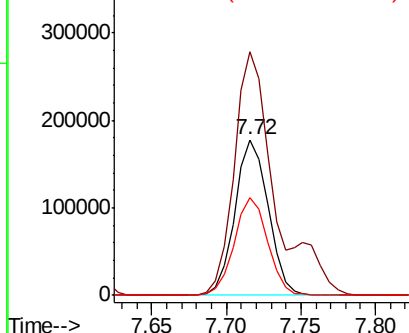


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

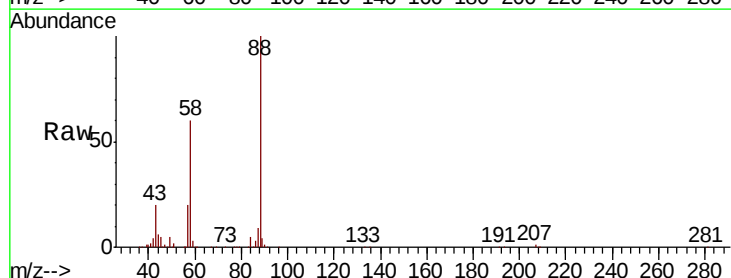
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.611 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	49.8	74.6
43	20.5	16.7	25.1

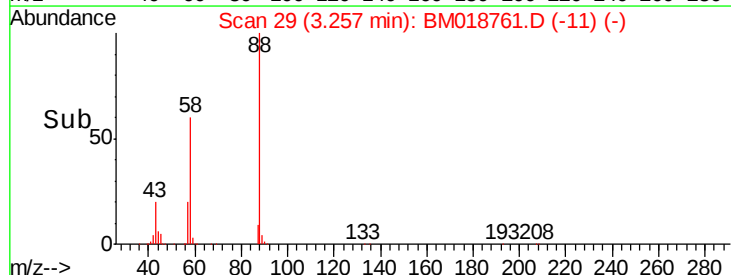
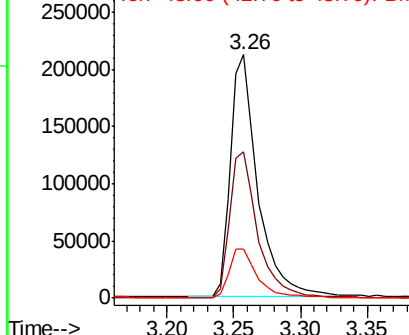


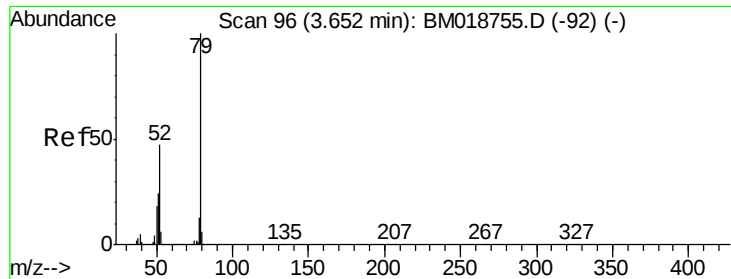
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 47.221 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

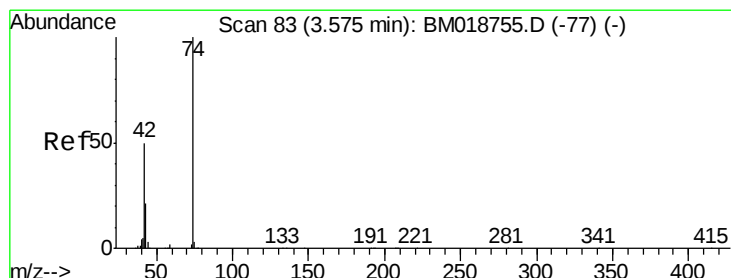
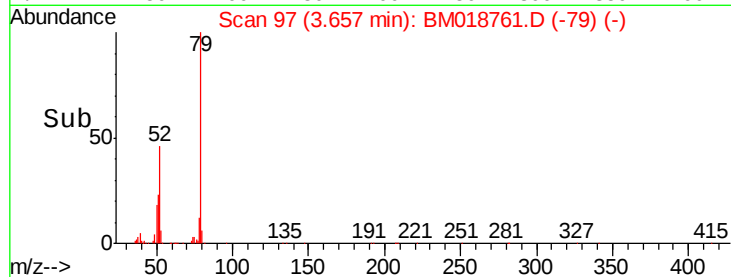
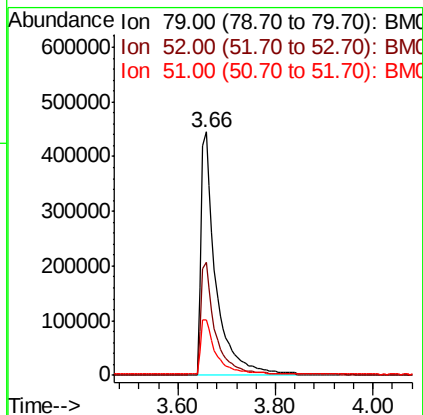
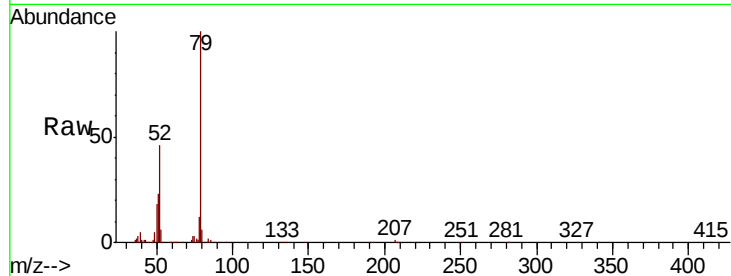
ClientSampleId :

PB116995BSD

Tot Ion:	79	Resp:	944262
Ion Ratio	Lower	Upper	
79	100		
52	46.2	37.6	56.4
51	23.0	19.7	29.5

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#4

n-Nitrosodimethylamine

Concen: 50.887 ng

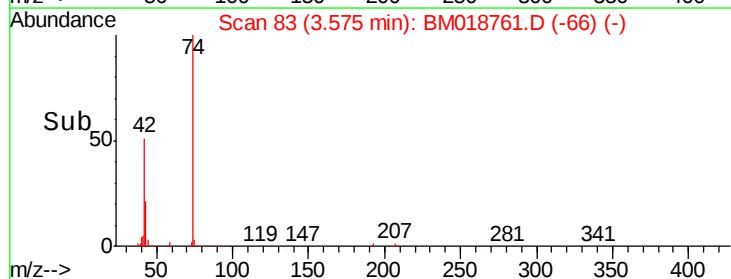
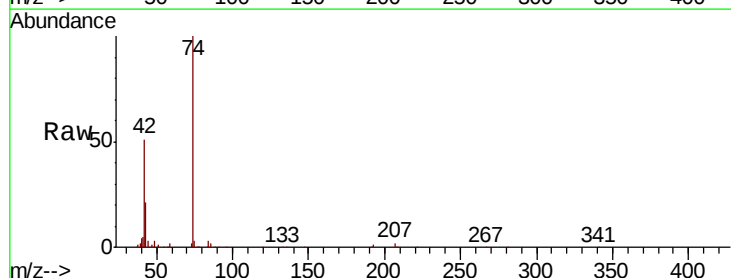
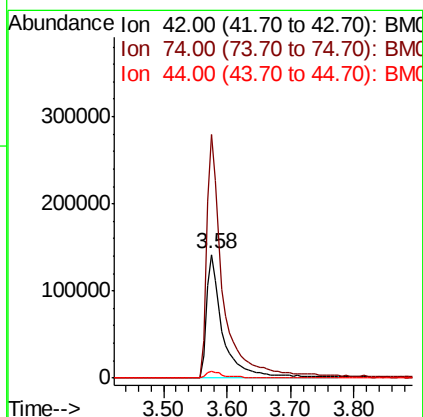
RT: 3.58 min Scan# 83

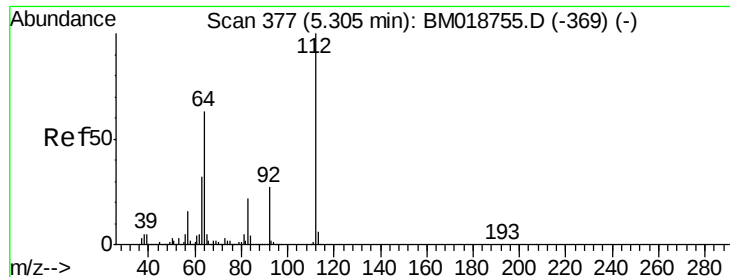
Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Tgt Ion:	42	Resp:	258868
Ion Ratio	Lower	Upper	
42	100		
74	196.7	158.1	237.1
44	6.0	4.9	7.3





#5

2-Fluorophenol

Concen: 144.769 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion:112 Resp: 2436703

Ion Ratio Lower Upper

112 100

64 63.1 50.6 75.8

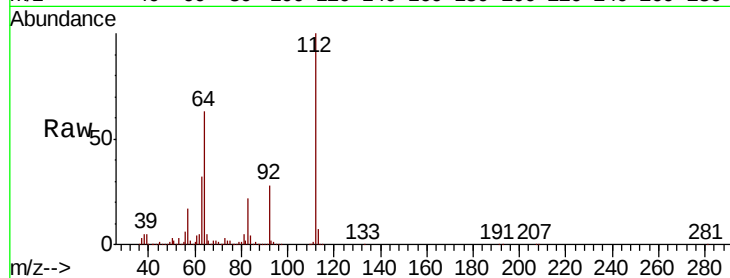
63 31.8 25.7 38.5

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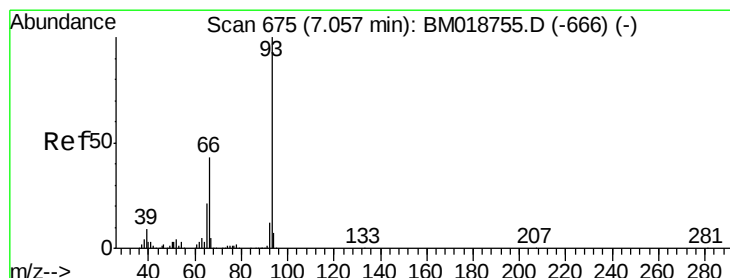
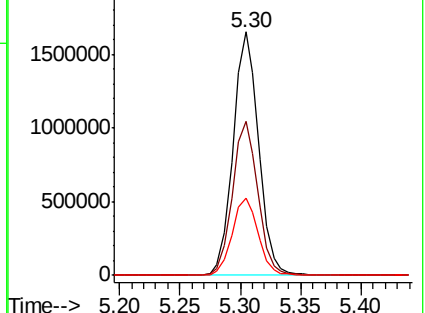
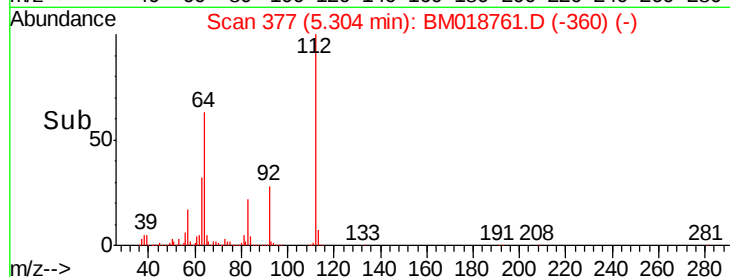
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 45.937 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

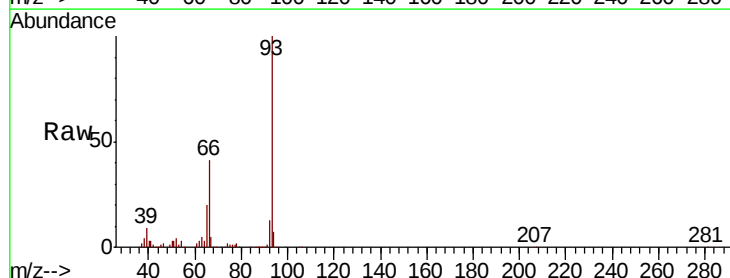
Tgt Ion: 93 Resp: 1334586

Ion Ratio Lower Upper

93 100

66 41.3 34.1 51.1

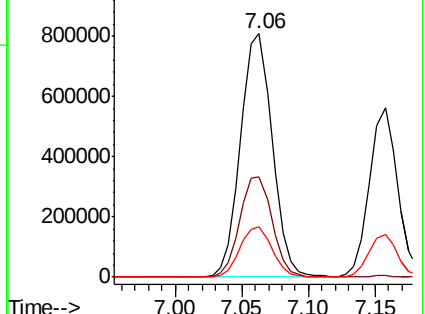
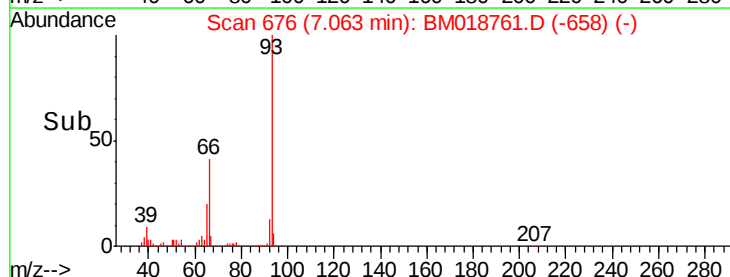
65 20.4 16.6 24.8

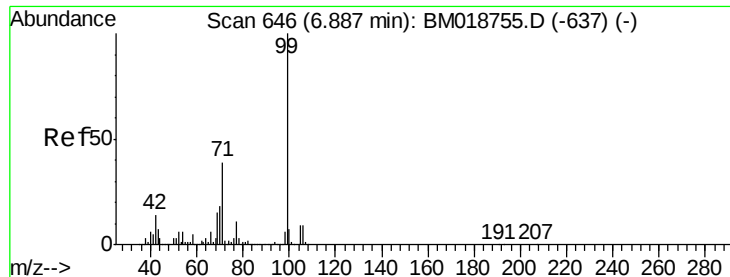


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 146.563 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion: 99 Resp: 3475241

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.6

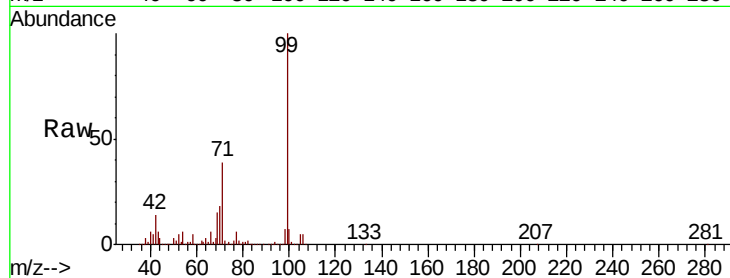
71 39.0 31.3 46.9

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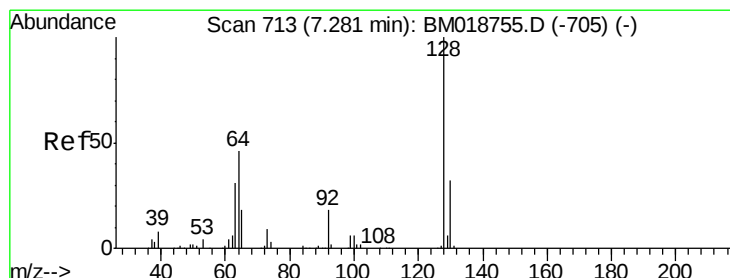
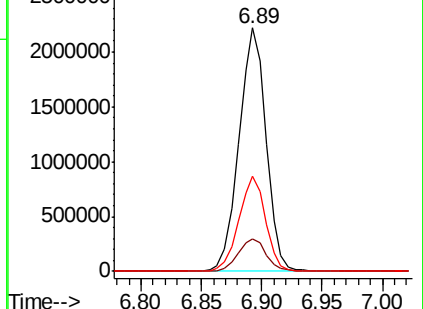
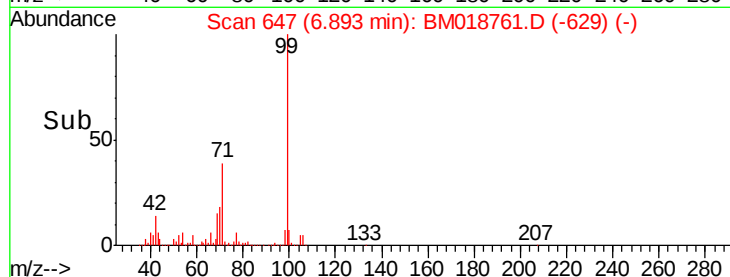
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Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 43.463 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

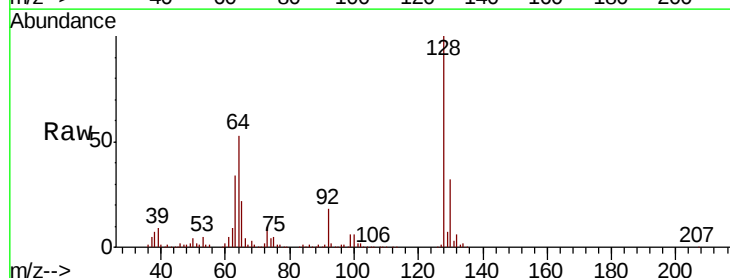
Tgt Ion:128 Resp: 803175

Ion Ratio Lower Upper

128 100

130 32.3 11.7 51.7

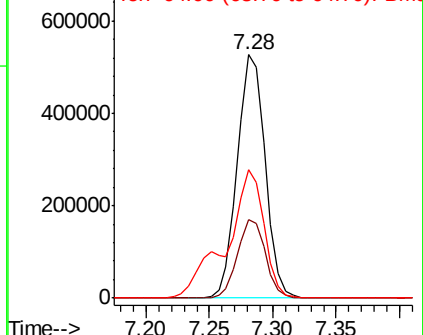
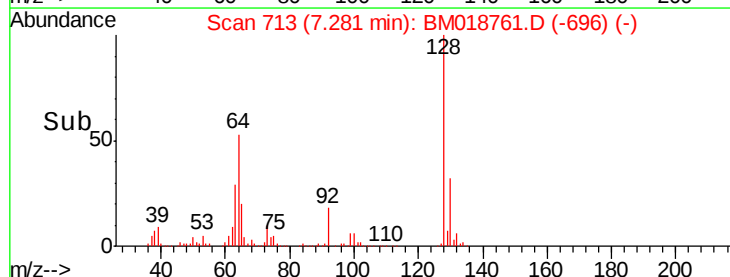
64 52.8 31.0 71.0

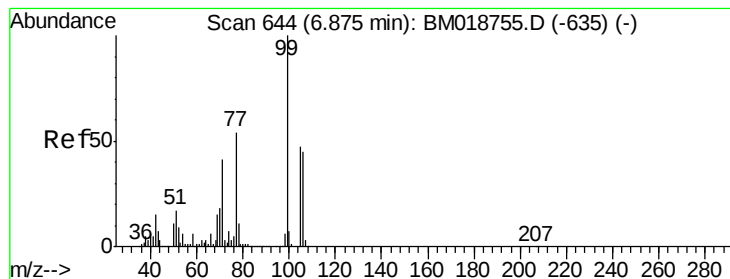


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 74.005 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

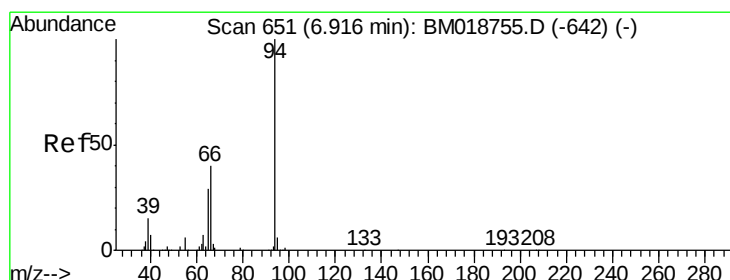
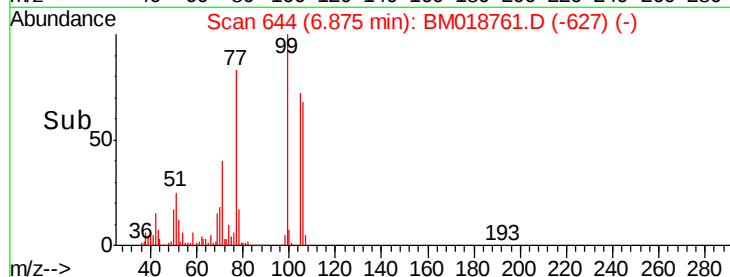
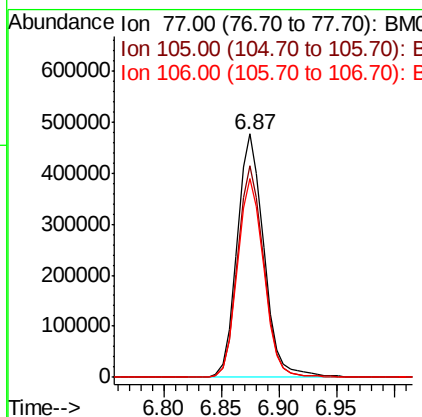
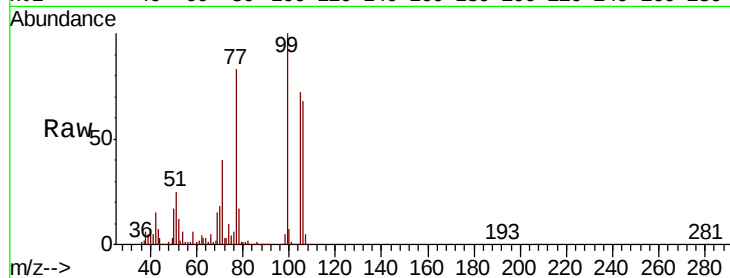
ClientSampleId :

PB116995BSD

Tot Ion:	77	Resp:	766047
Ion	Ratio	Lower	Upper
77	100		
105	86.9	67.3	107.3
106	81.5	62.9	102.9

Manual Integrations
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#10

Phenol

Concen: 43.539 ng

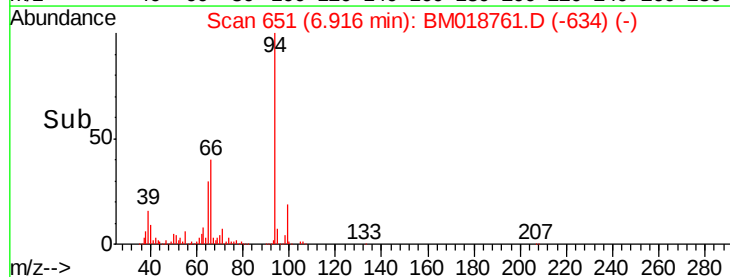
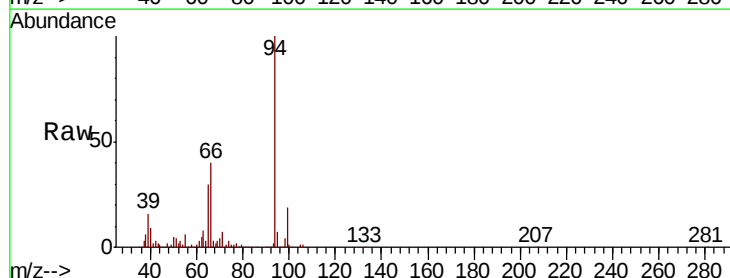
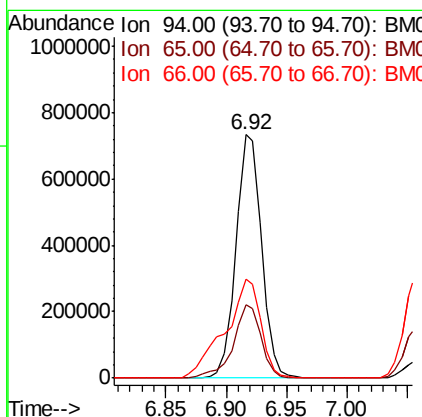
RT: 6.92 min Scan# 651

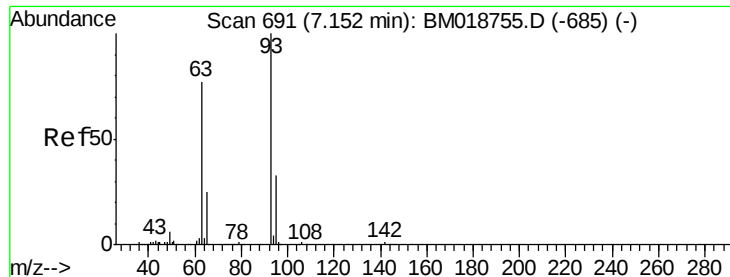
Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Tgt Ion:	94	Resp:	1086279
Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.6	49.6
66	40.4	20.4	60.4





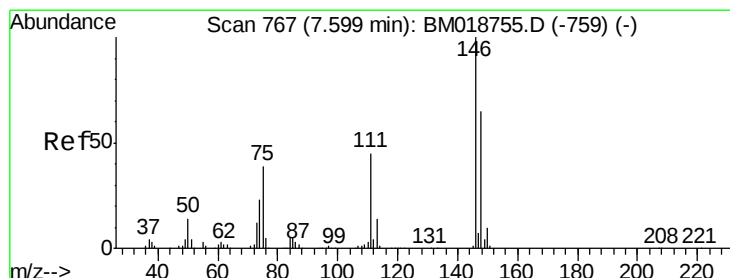
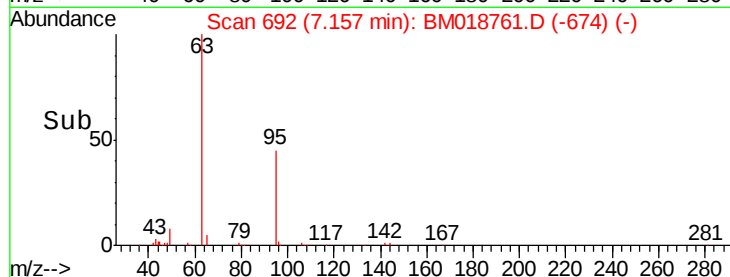
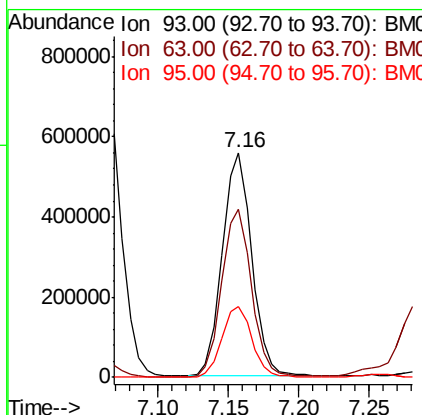
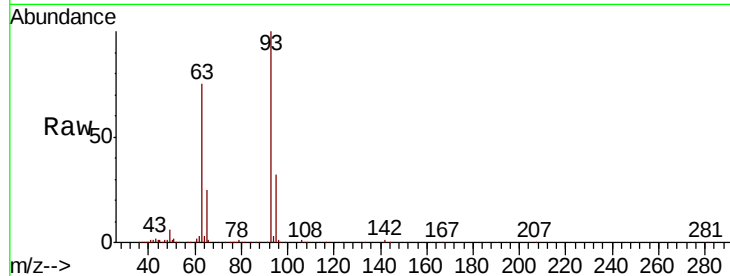
#11
bis(2-Chloroethyl)ether
Concen: 42.478 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.0	57.0	97.0	
95	31.5	12.4	52.4	

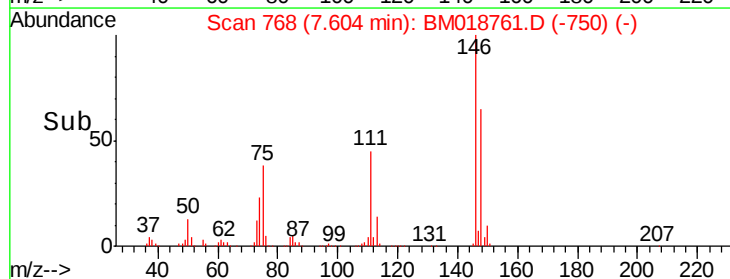
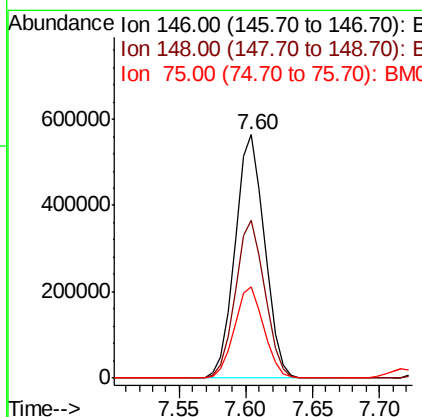
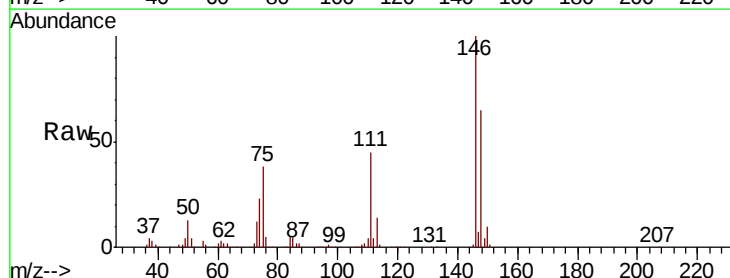
Manual Integrations
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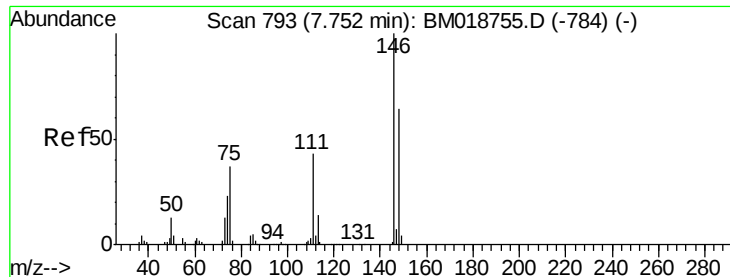
Sohil
2/12/2019 12:11:52 PM



#12
1,3-Dichlorobenzene
Concen: 41.640 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.6	51.7	77.5	
75	37.6	31.3	46.9	





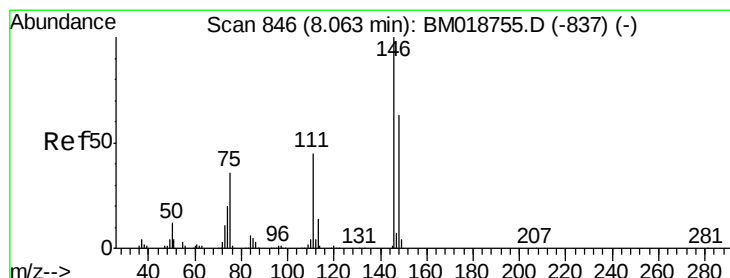
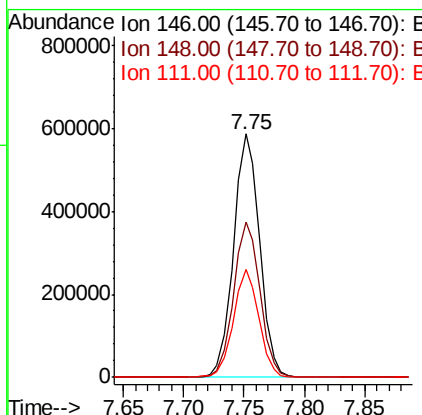
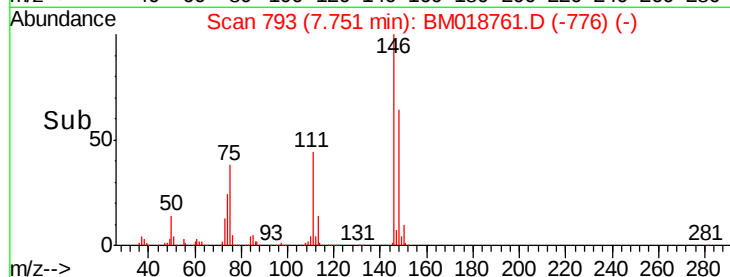
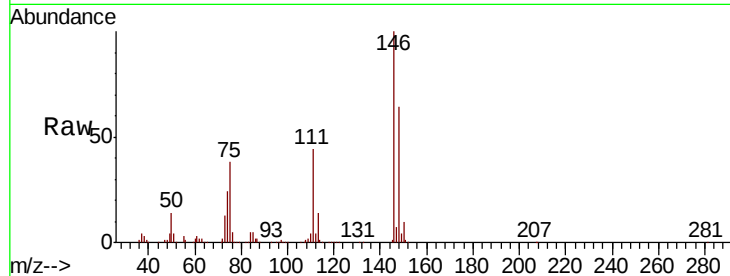
#13
1,4-Dichlorobenzene
Concen: 41.835 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.2
111	44.3	34.6	52.0

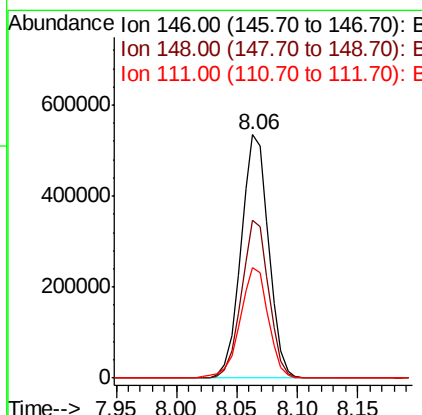
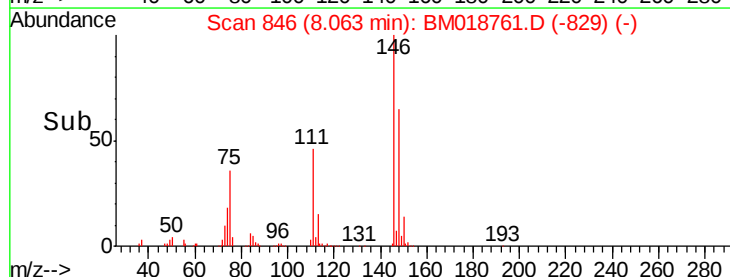
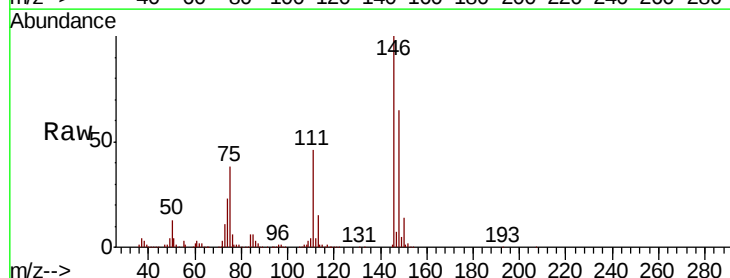
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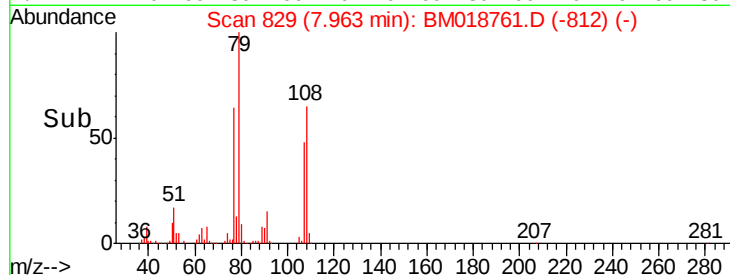
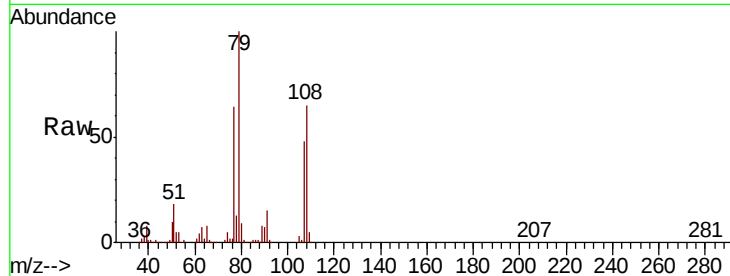
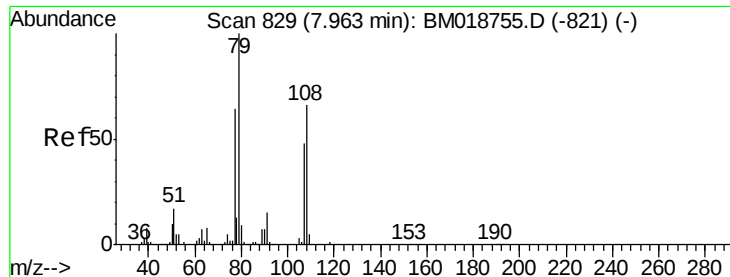
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#14
1,2-Dichlorobenzene
Concen: 41.807 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
111	45.6	35.9	53.9





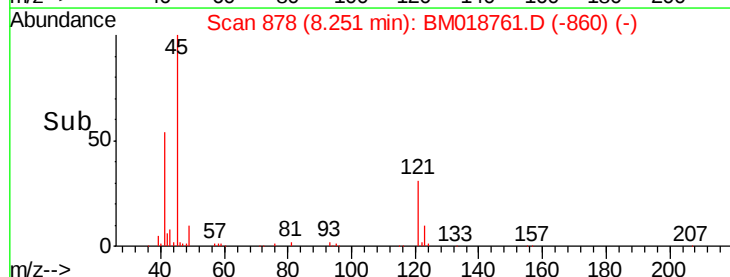
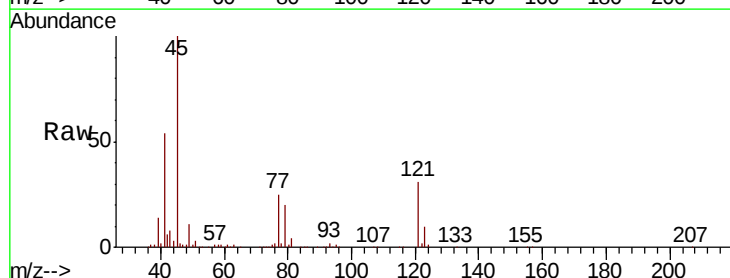
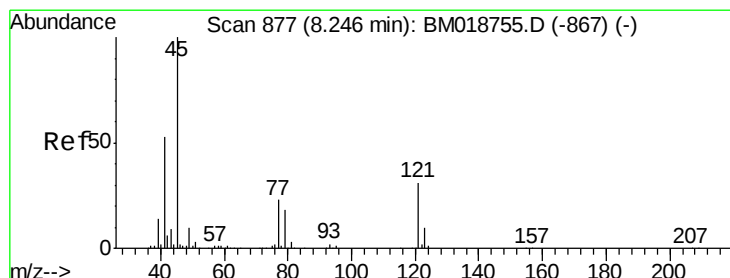
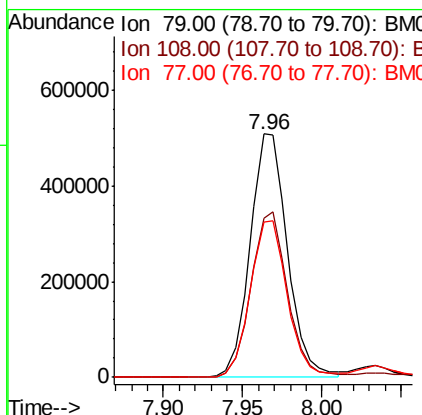
#15
Benzyl Alcohol
Concen: 44.113 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.4	52.7	79.1
77	63.8	51.0	76.4

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

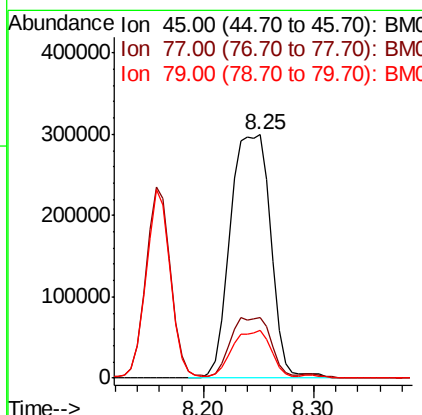
Manual Integrations
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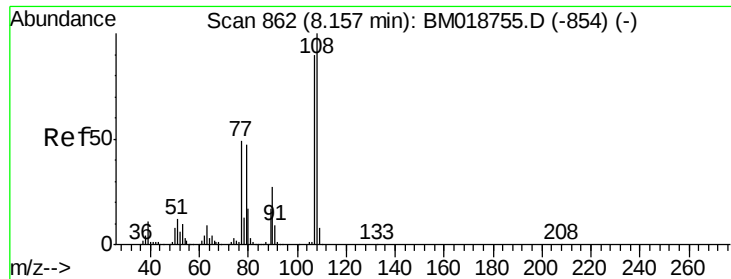
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.743 ng
RT: 8.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.0	5.0	45.0
79	19.8	0.0	39.3





#17

2-Methylphenol

Concen: 43.843 ng

RT: 8.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

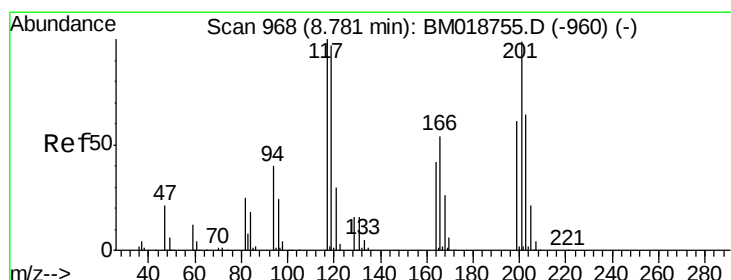
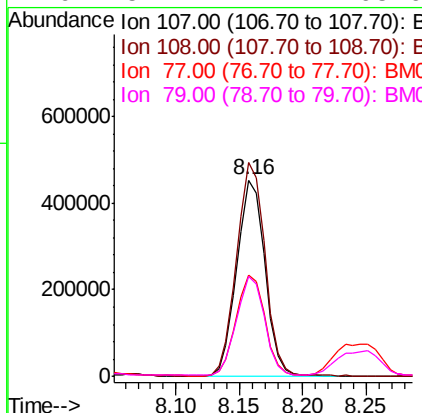
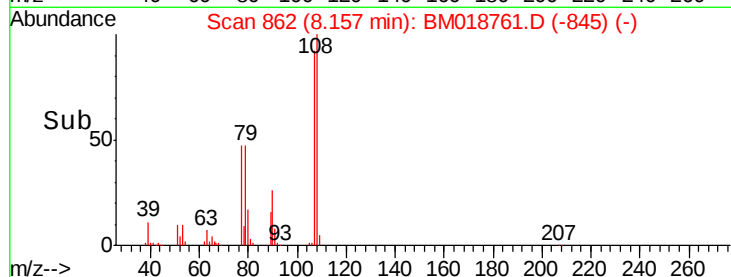
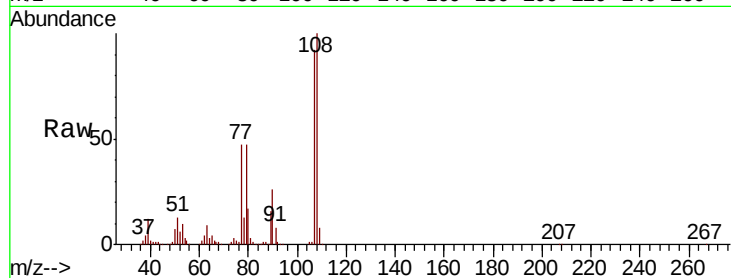
ClientSampleId :

PB116995BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	696204		
108	108.8	88.8	133.2	
77	51.6	44.0	66.0	
79	51.1	42.4	63.6	

Manual Integrations
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#18

Hexachloroethane

Concen: 42.562 ng

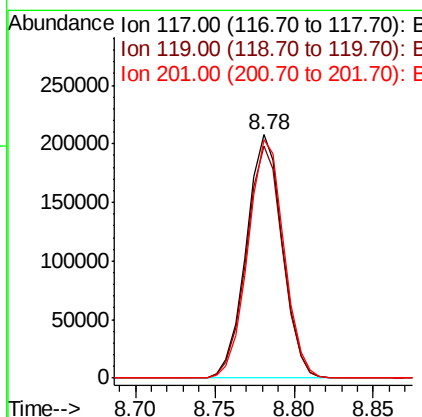
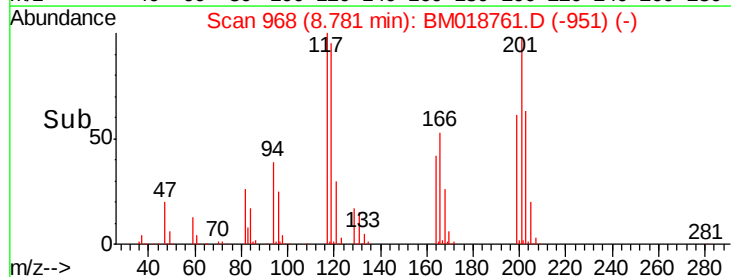
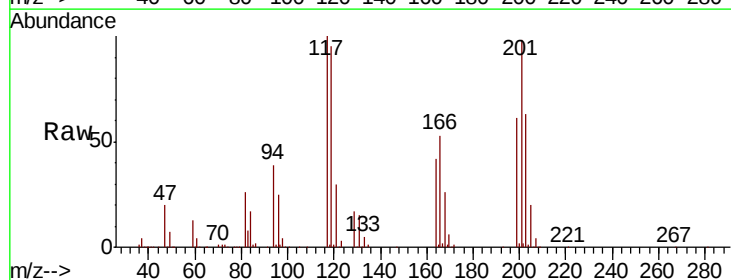
RT: 8.78 min Scan# 968

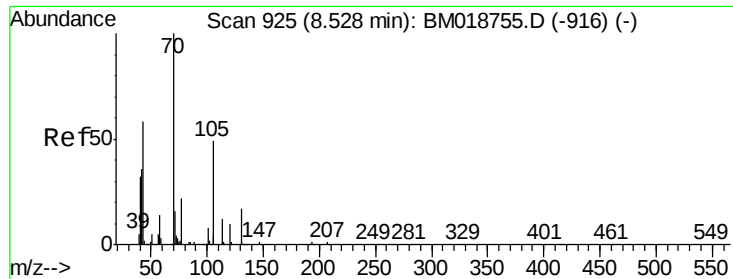
Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	328677		
119	95.2	77.9	116.9	
201	98.1	79.2	118.8	





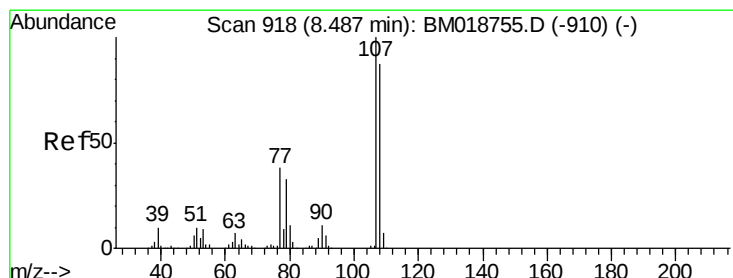
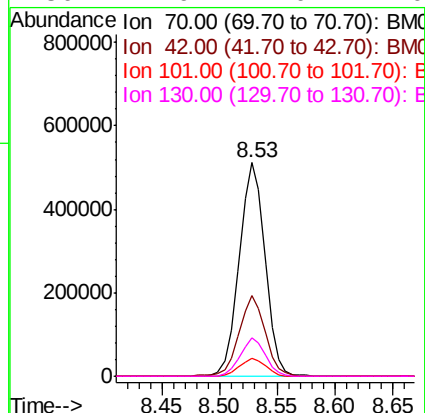
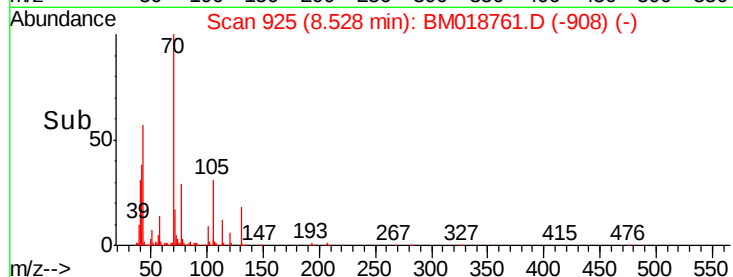
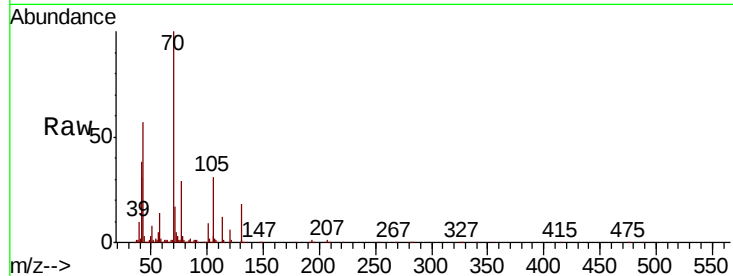
#19
n-Nitroso-di-n-propylamine
Concen: 43.095 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	37.5	29.4	44.0		
101	8.5	6.7	10.1		
130	17.9	14.0	21.0		

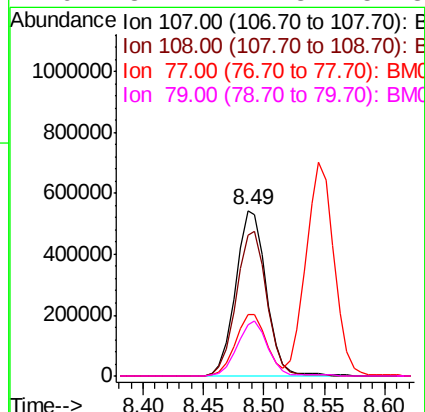
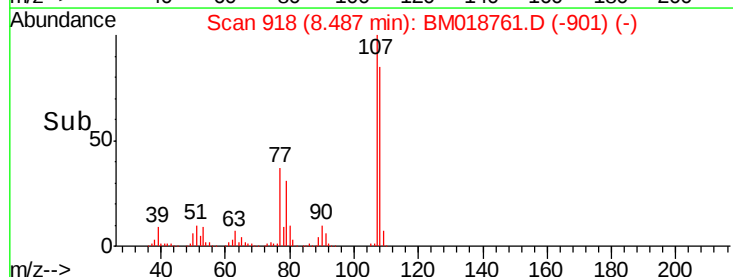
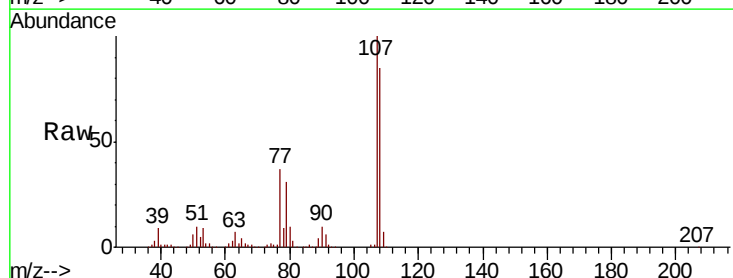
Manual Integrations
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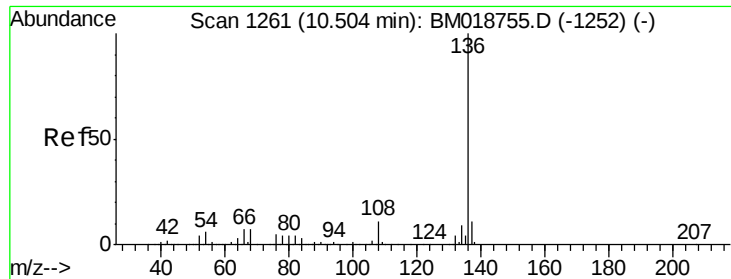
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#20
3+4-Methylphenols
Concen: 43.956 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.0	67.3	107.3		
77	37.1	18.0	58.0		
79	31.1	12.8	52.8		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion:136 Resp: 1170682

Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

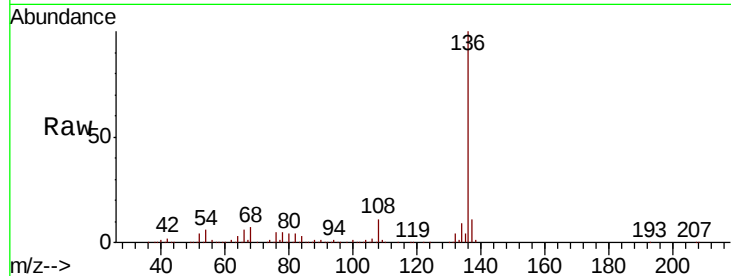
54 6.4 5.0 7.6

68 7.3 5.5 8.3

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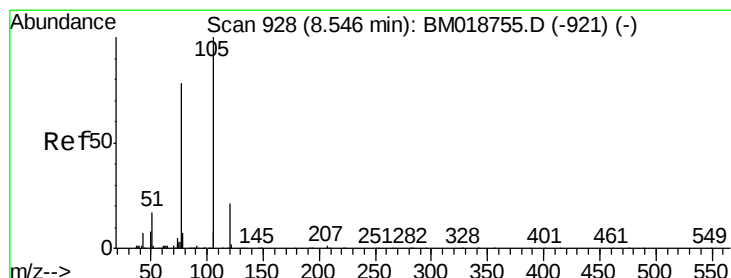
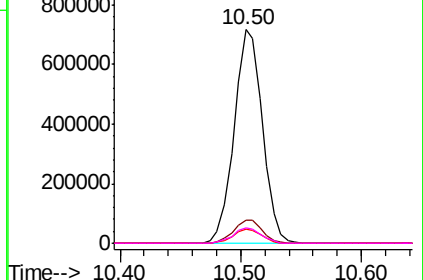
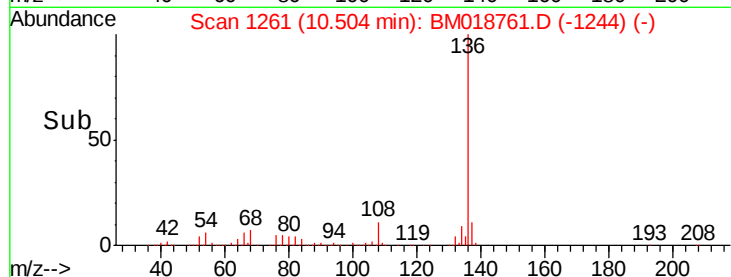


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 40.733 ng

RT: 8.55 min Scan# 928

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Tgt Ion:105 Resp: 1309517

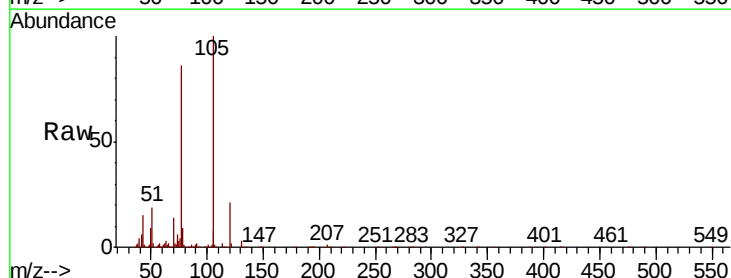
Ion Ratio Lower Upper

105 100

71 2.4 1.1 1.7#

51 19.4 15.5 23.3

120 20.6 17.0 25.4

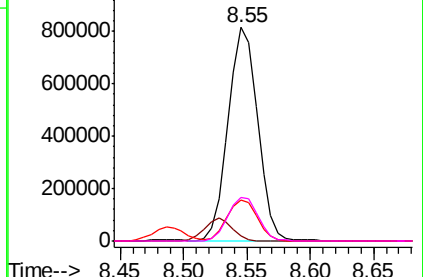
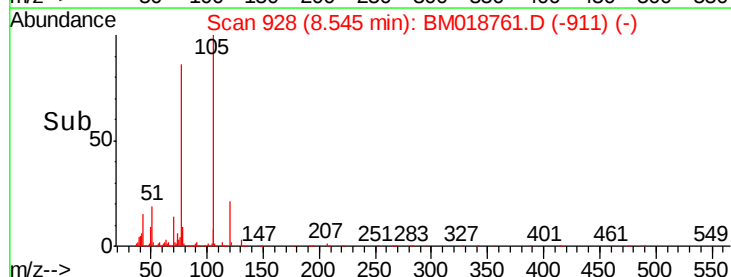


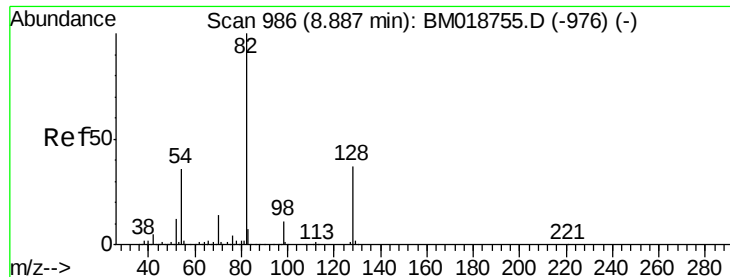
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





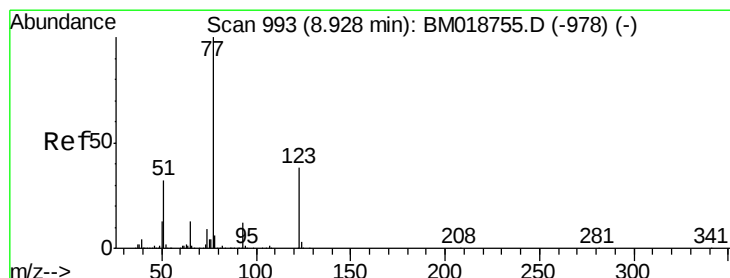
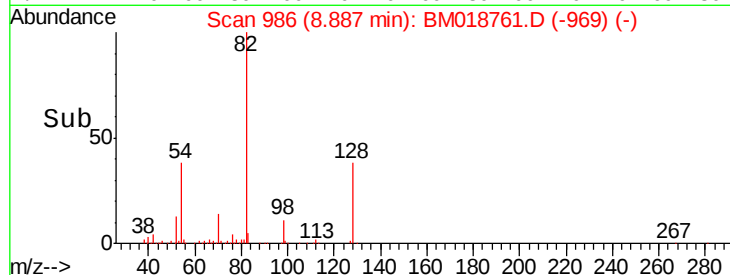
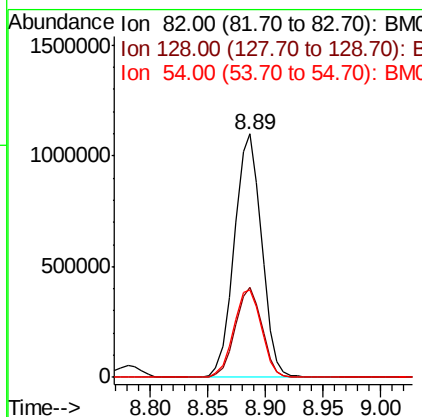
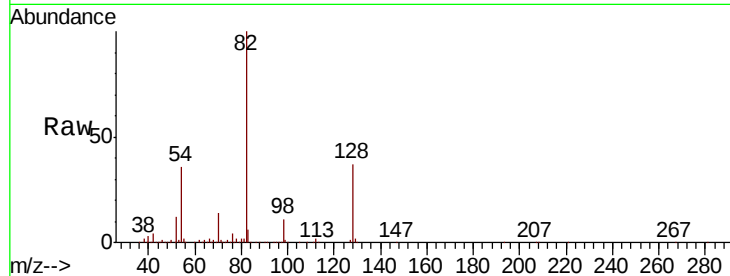
#23
 Nitrobenzene-d5
 Concen: 71.068 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Instrument :
 BNA_M
 ClientSampled :
 PB116995BSD

Tot Ion	82	Resp	1799330
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.9	44.9
54	36.1	29.1	43.7

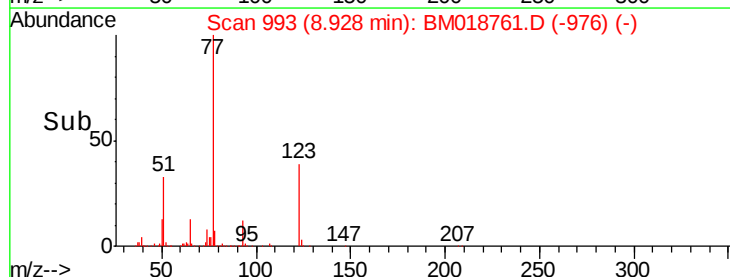
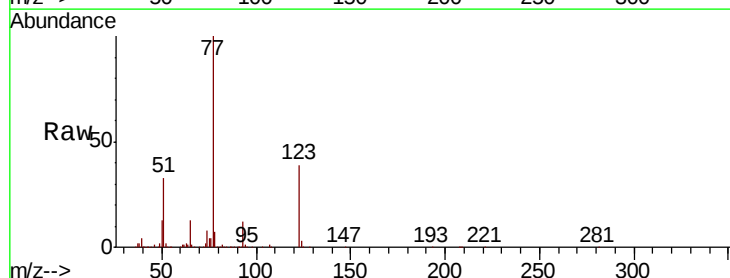
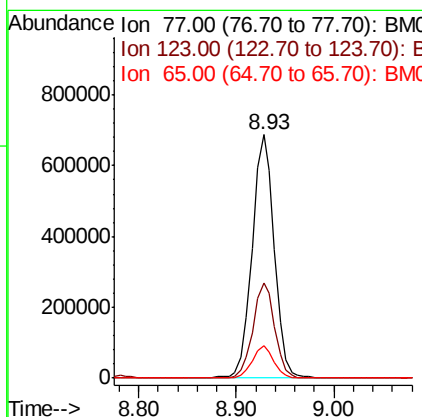
Manual Integrations
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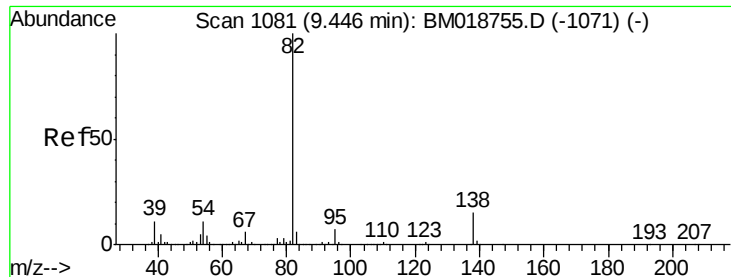
Sohil
 2/12/2019 12:11:52 PM



#24
 Nitrobenzene
 Concen: 41.687 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Tgt Ion	77	Resp	1095561
Ion	Ratio	Lower	Upper
77	100		
123	39.0	30.7	46.1
65	13.1	10.5	15.7





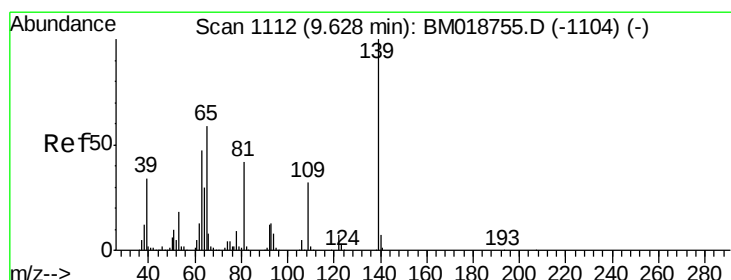
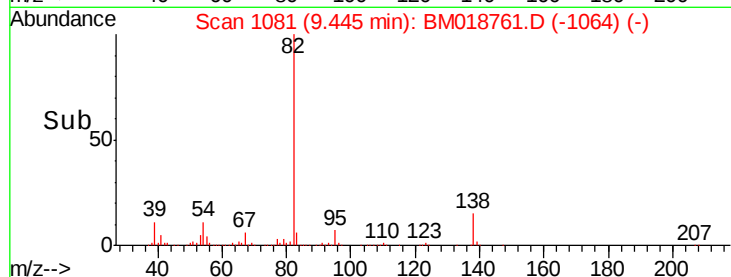
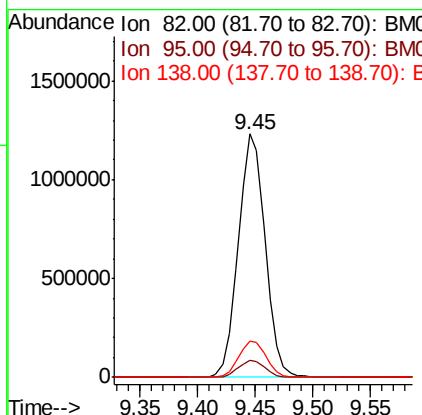
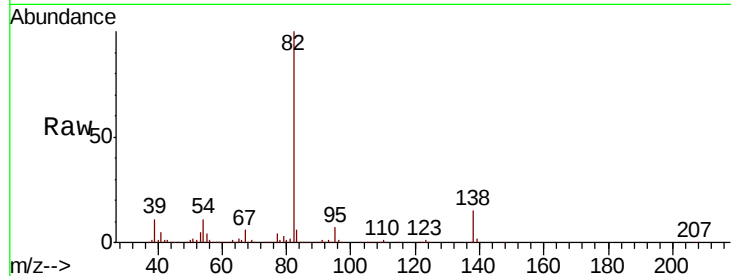
#25
Isophorone
Concen: 49.153 ng
RT: 9.45 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	15.0	12.3	18.5

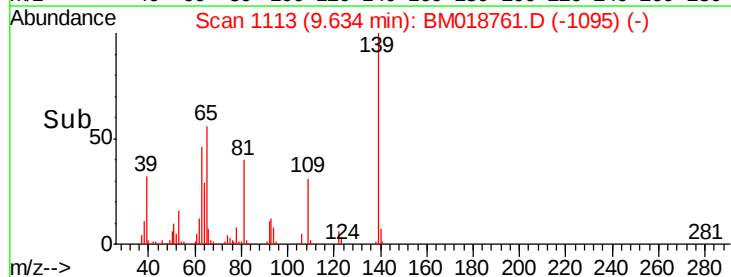
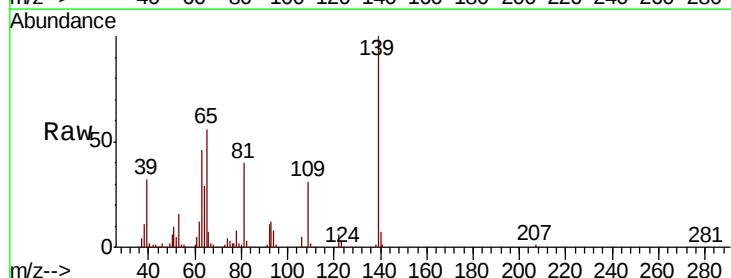
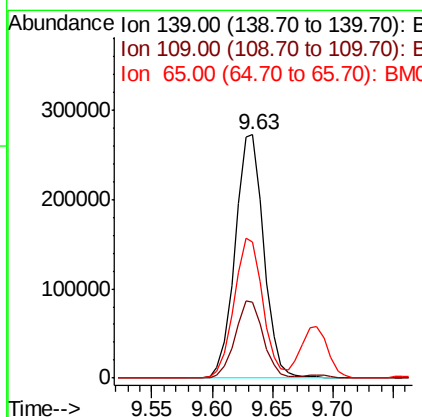
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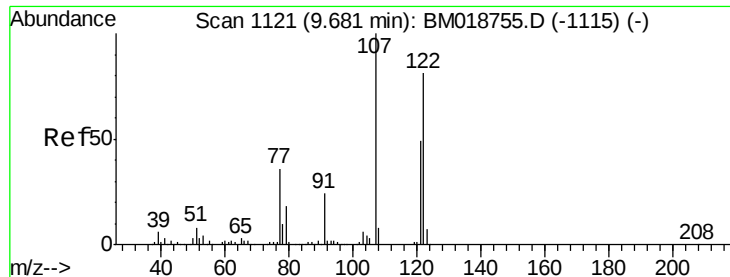
Sohil
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#26
2-Nitrophenol
Concen: 43.180 ng
RT: 9.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.2	25.2	37.8
65	56.0	47.0	70.4





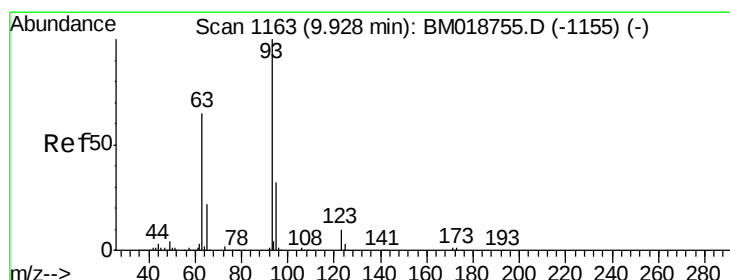
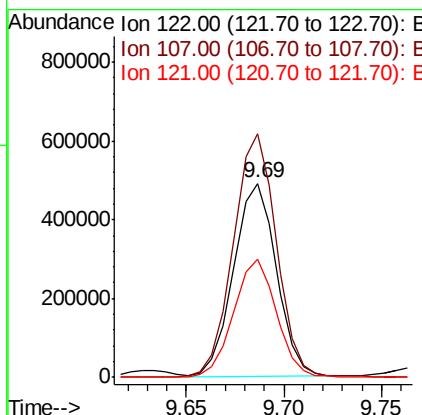
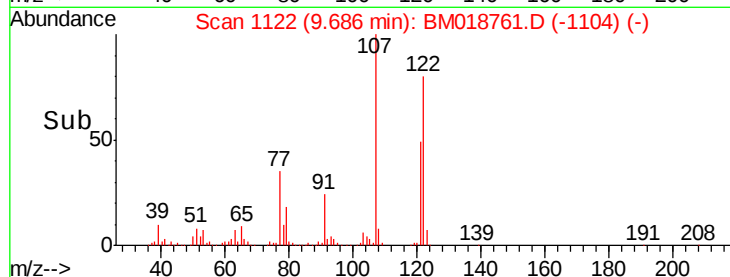
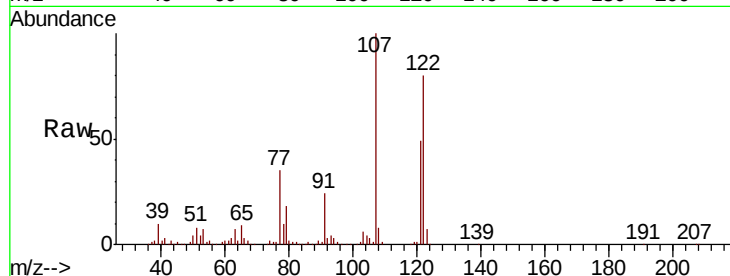
#27
2,4-Dimethylphenol
Concen: 48.932 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.3	97.6	146.4
121	60.8	47.9	71.9

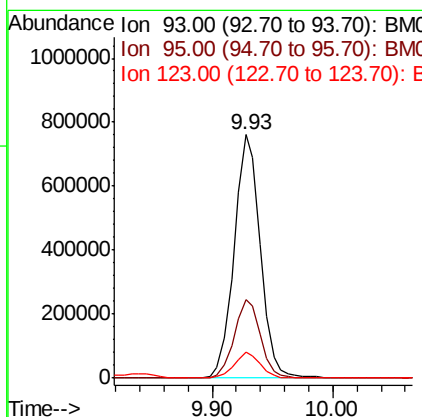
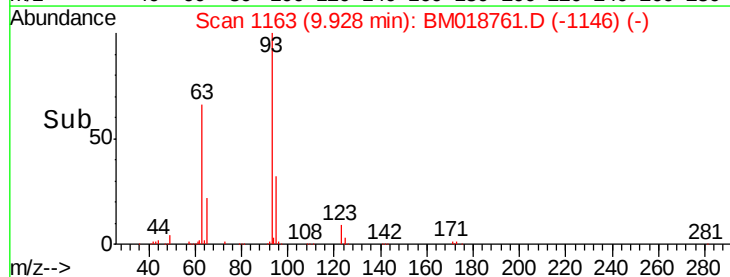
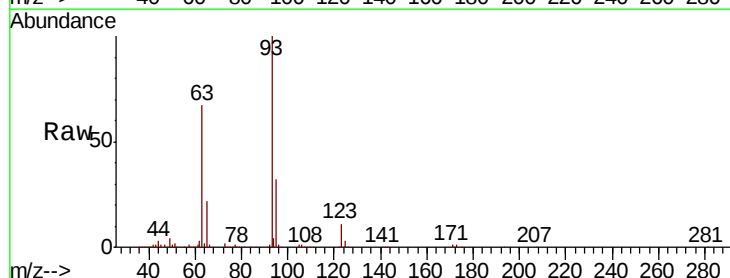
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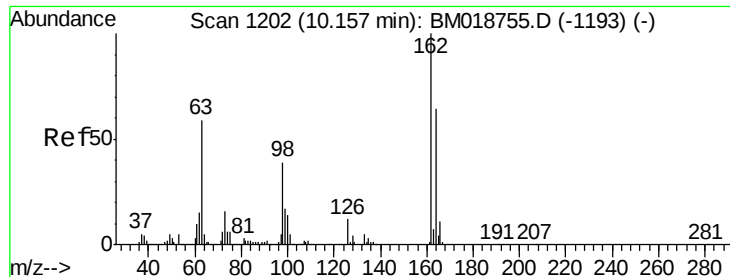
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.952 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.6	38.4
123	10.6	8.2	12.4





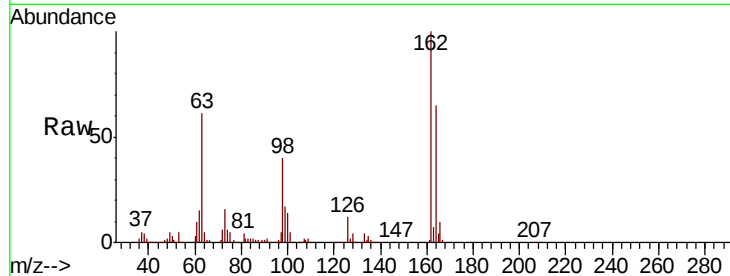
#29
 2,4-Dichlorophenol
 Concen: 43.062 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	44.1	84.1
98	39.9	19.4	59.4

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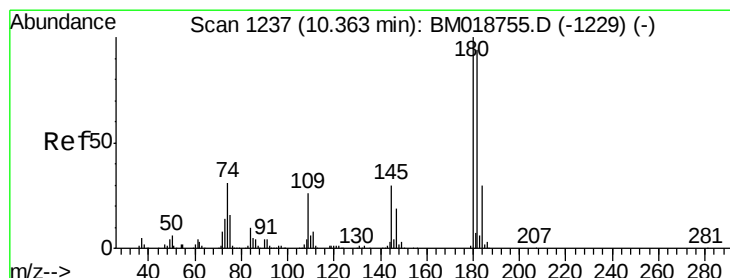
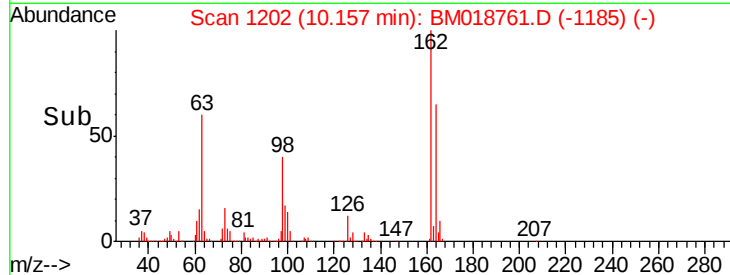
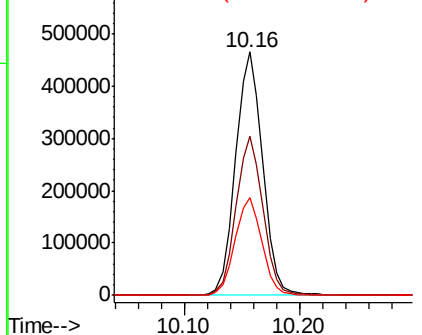


Abundance

Ion 162.00 (161.70 to 162.70): E

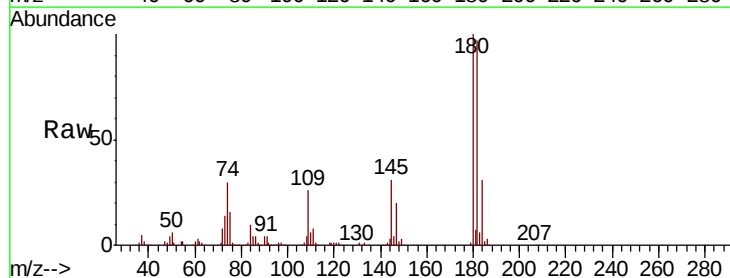
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.750 ng
 RT: 10.37 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	75.0	112.6
145	30.7	24.1	36.1

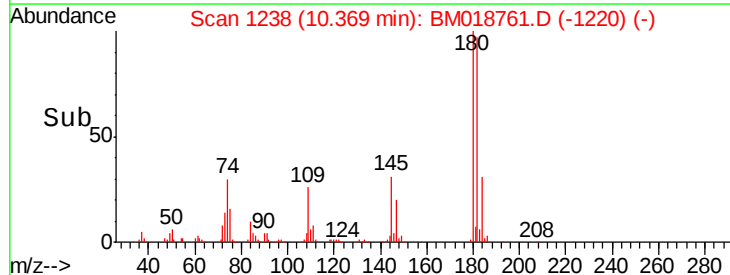
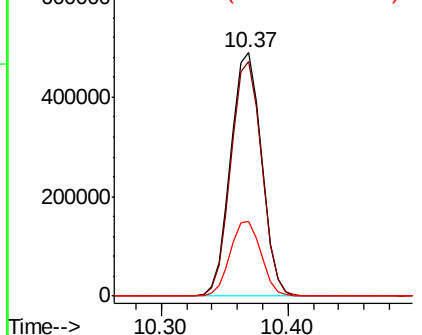


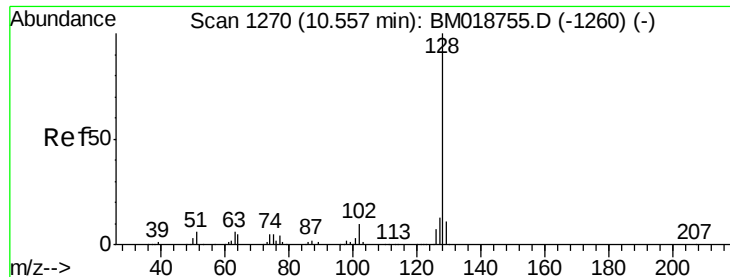
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





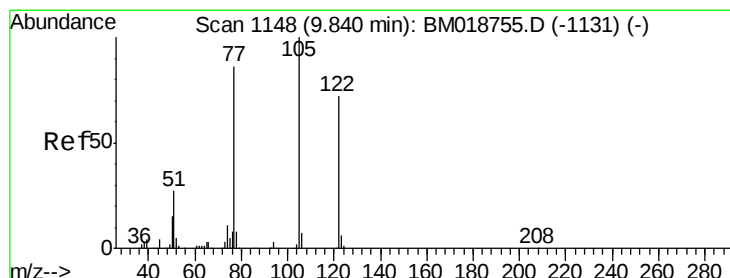
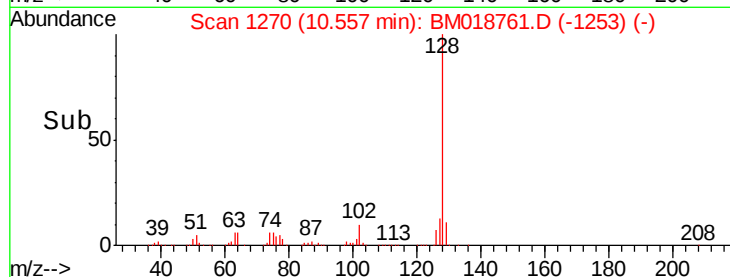
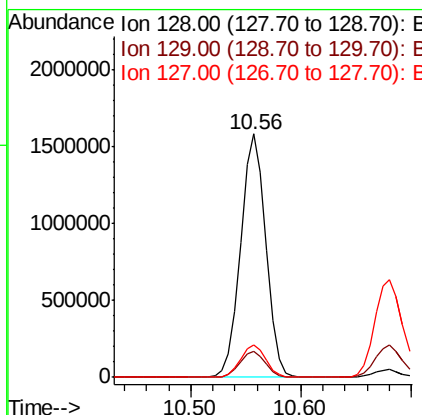
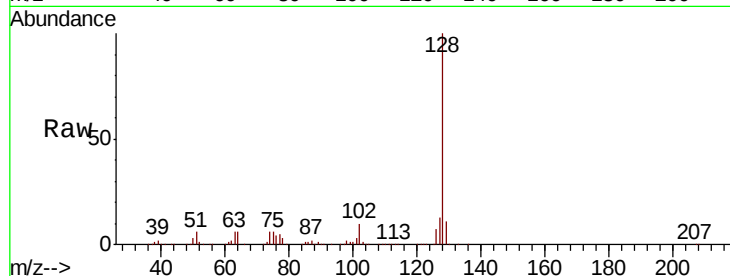
#31
Naphthalene
Concen: 44.293 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	13.2	10.7	16.1

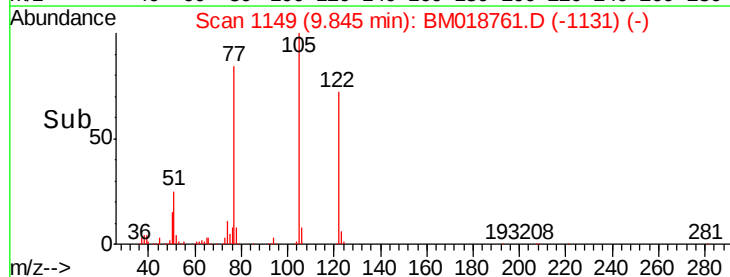
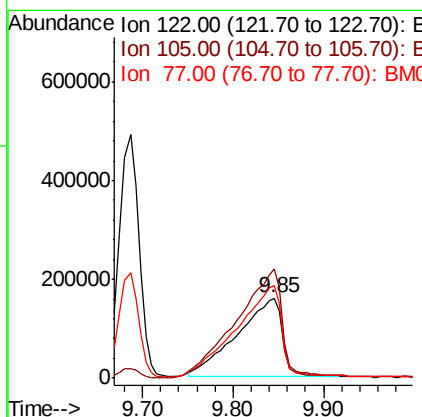
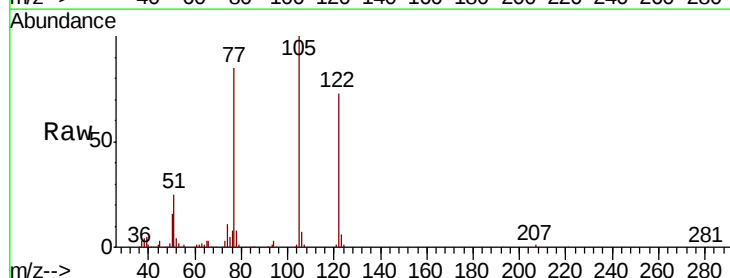
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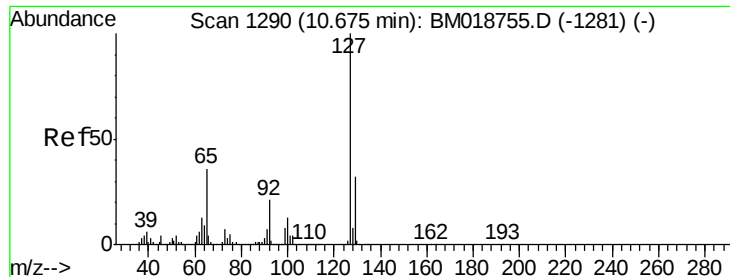
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#32
Benzoic acid
Concen: 40.684 ng
RT: 9.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.2	117.5	157.5
77	115.7	98.5	138.5





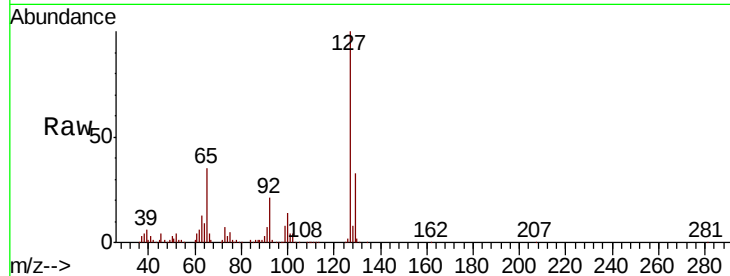
#33
4-Chloroaniline
Concen: 43.840 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleID :
PB116995BSD

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.7	25.7	38.5	
65	34.8	28.7	43.1	
92	21.1	17.0	25.4	

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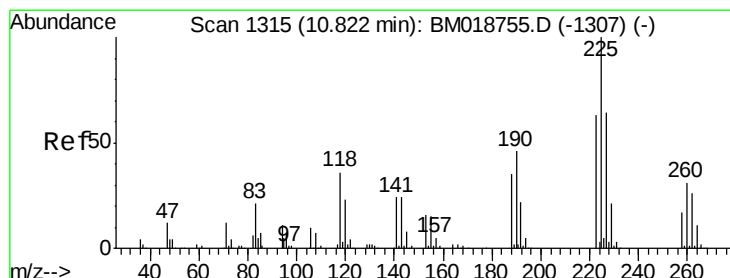
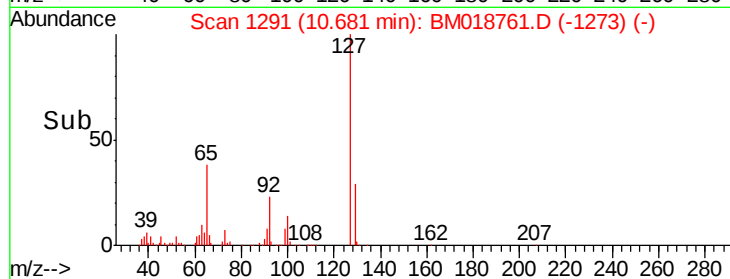
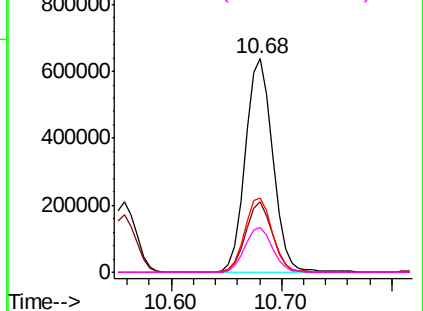
Abundance

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: 39.326 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

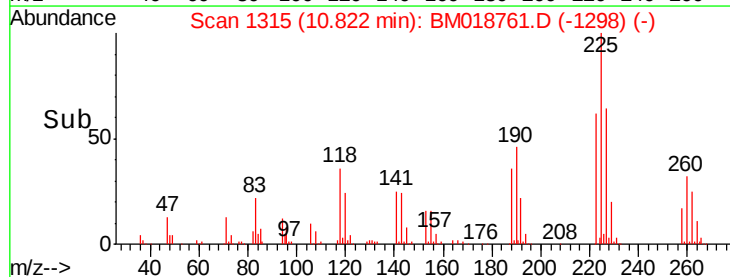
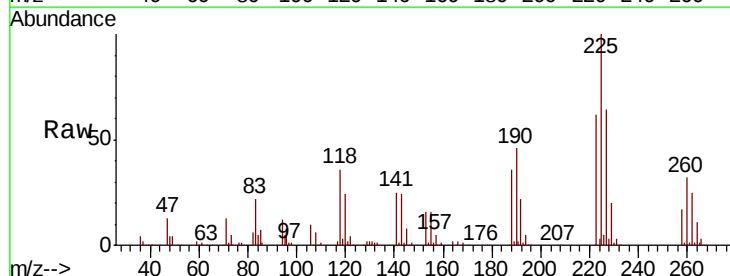
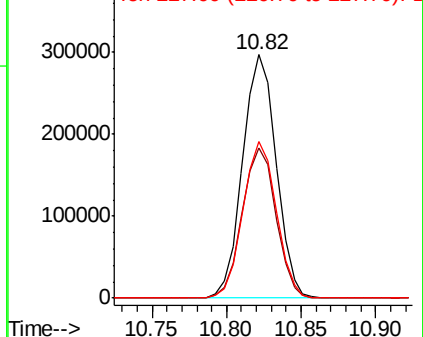
Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	61.9	50.1	75.1	
227	64.2	51.4	77.0	

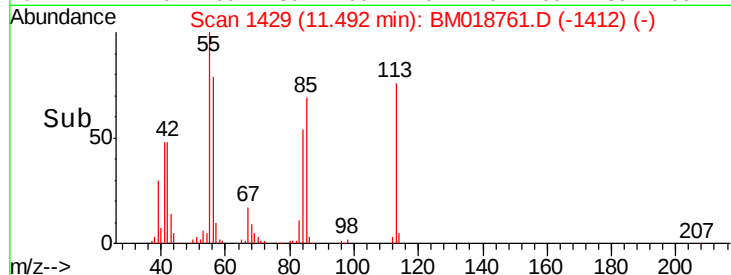
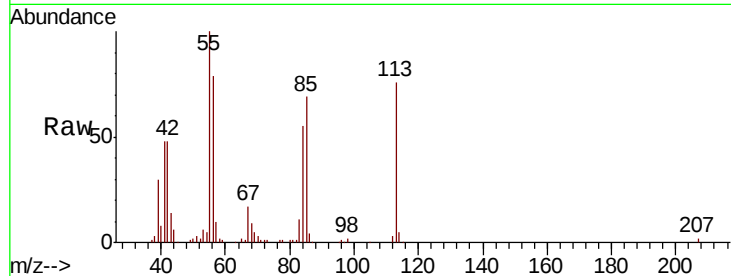
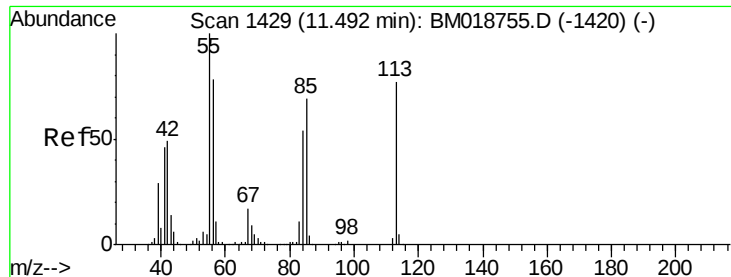
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.101 ng/mL

RT: 11.49 min Scan# 1429

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleID :

PB116995BSD

Tot Ion:113 Resp: 272924

Ion Ratio Lower Upper

113 100

55 131.5 110.7 150.7

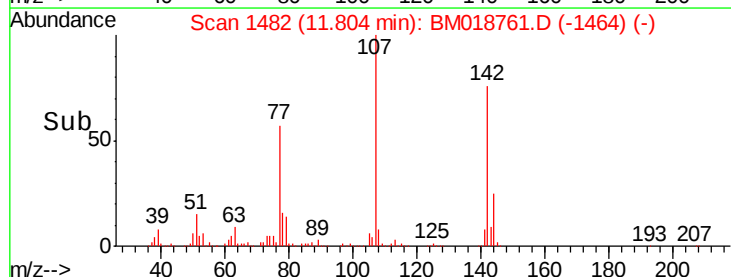
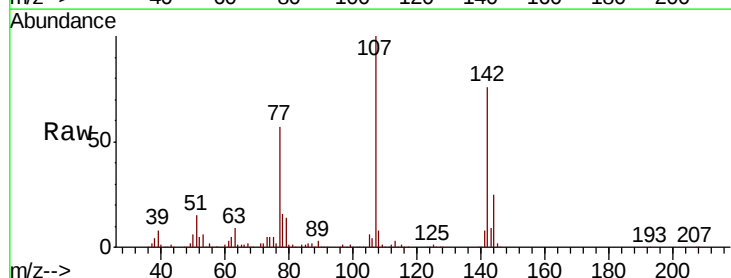
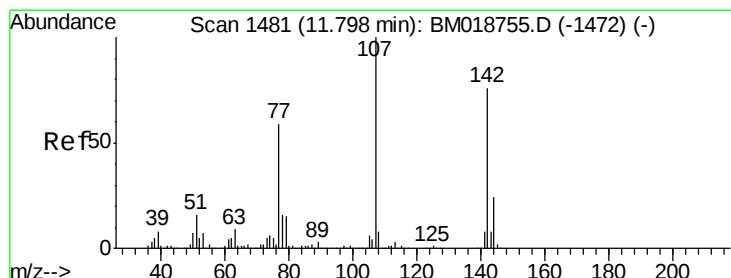
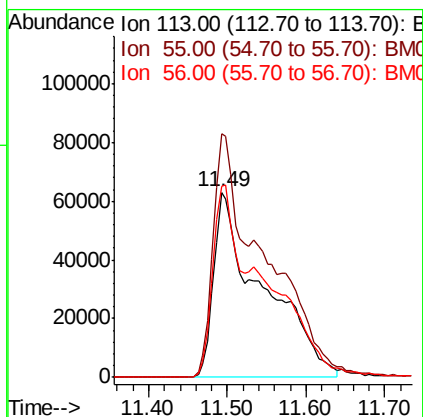
56 103.3 82.4 122.4

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#36

4-Chloro-3-methylphenol

Concen: 42.957 ng/mL

RT: 11.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

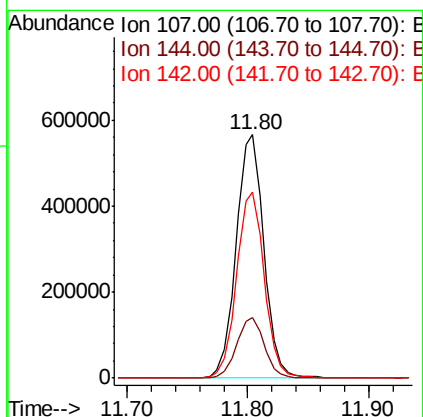
Tgt Ion:107 Resp: 909056

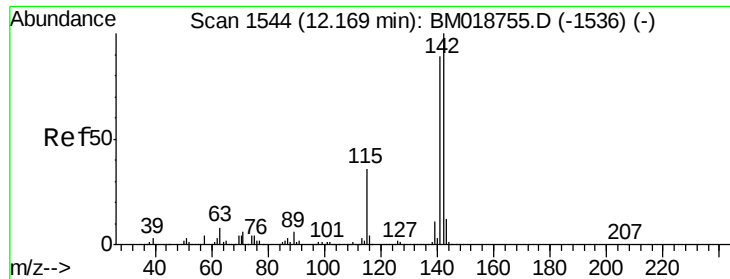
Ion Ratio Lower Upper

107 100

144 25.0 19.3 28.9

142 76.4 60.5 90.7





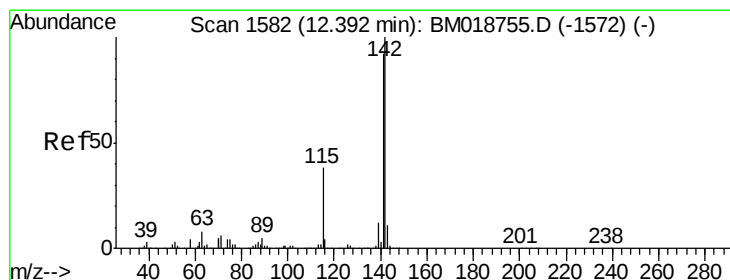
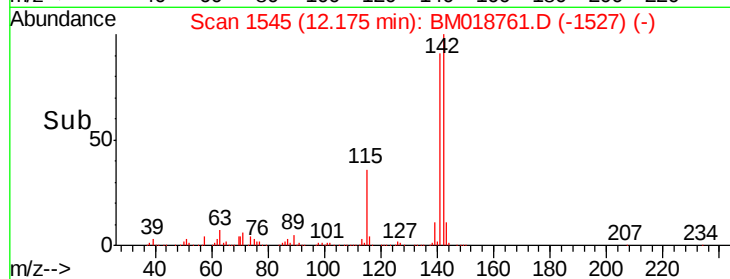
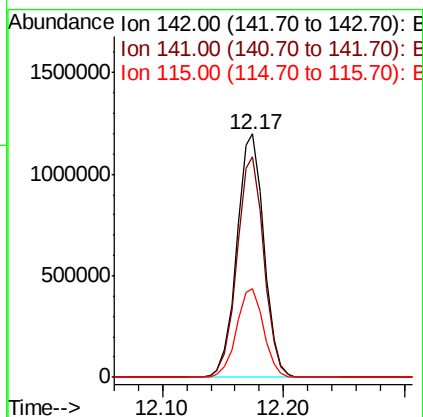
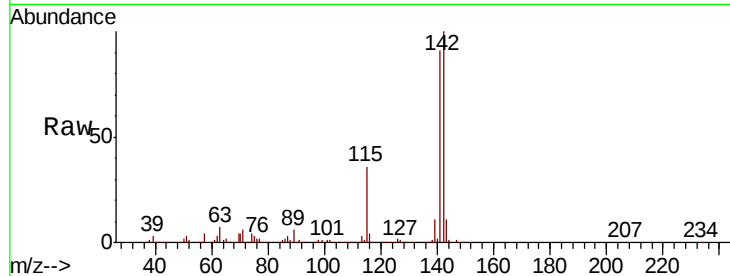
#37
 2-Methylnaphthalene
 Concen: 46.580 ng
 RT: 12.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.2	106.8
115	36.4	29.1	43.7

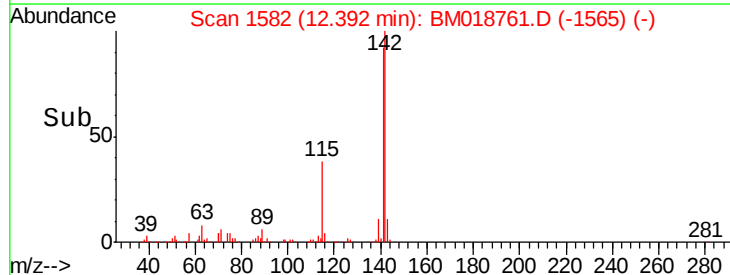
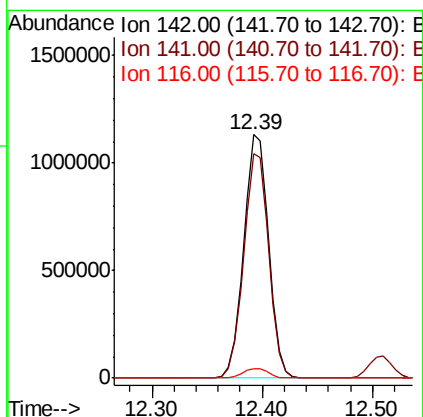
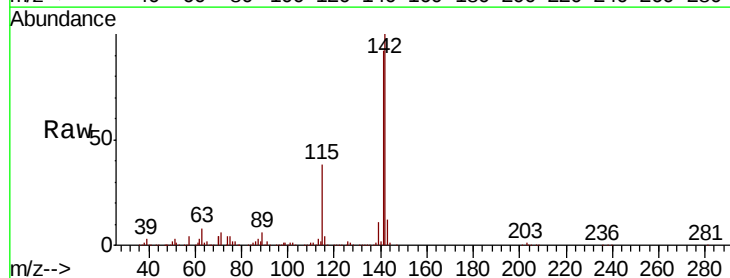
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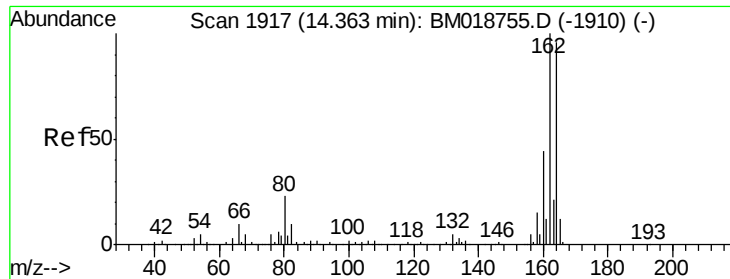
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#38
 1-Methylnaphthalene
 Concen: 45.588 ng
 RT: 12.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.9	110.9
116	3.9	3.0	4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion:164 Resp: 675848

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

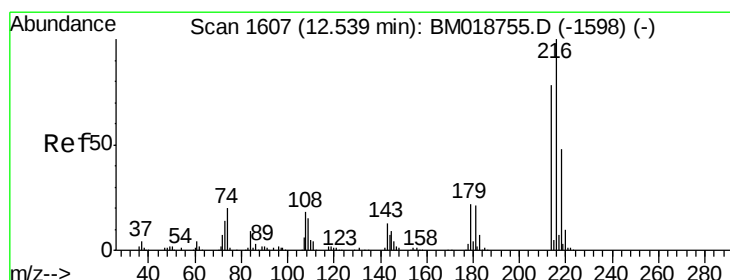
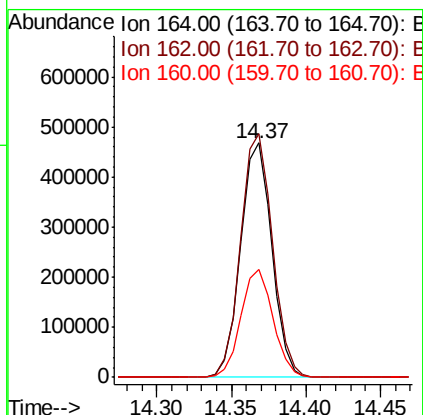
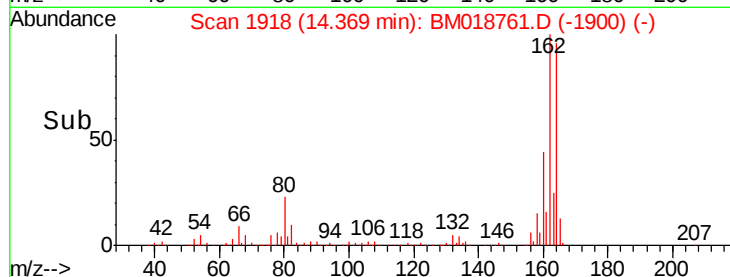
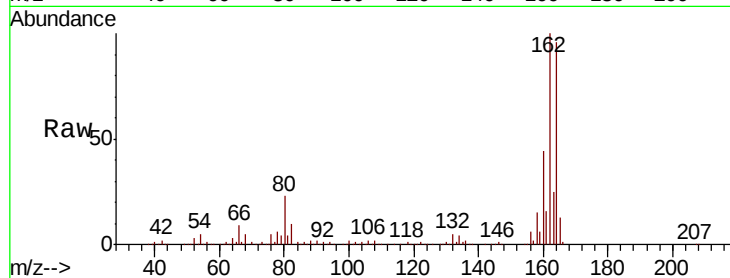
160 46.2 36.6 55.0

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.866 ng

RT: 12.54 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Tgt Ion:216 Resp: 905136

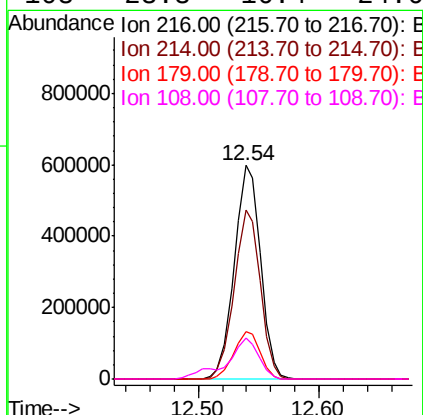
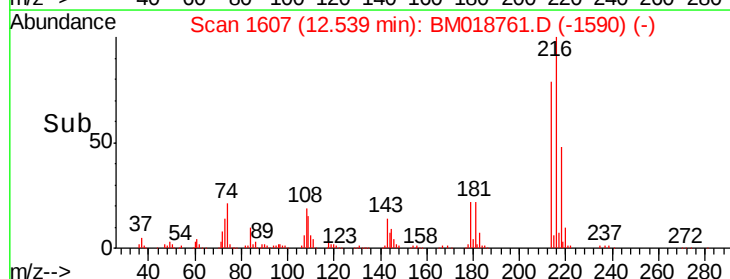
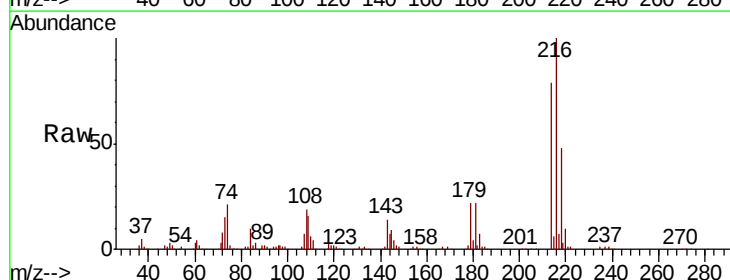
Ion Ratio Lower Upper

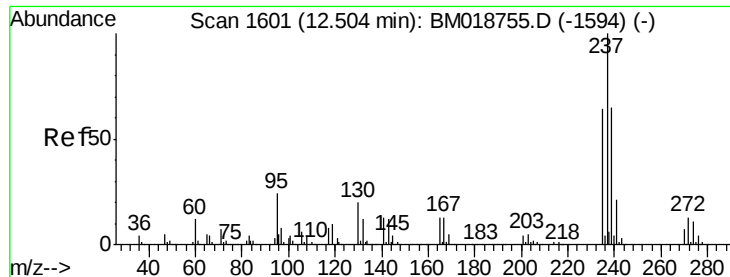
216 100

214 78.8 63.2 94.8

179 22.2 17.8 26.8

108 23.3 16.4 24.6





#41

Hexachlorocyclopentadiene

Concen: 111.201 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

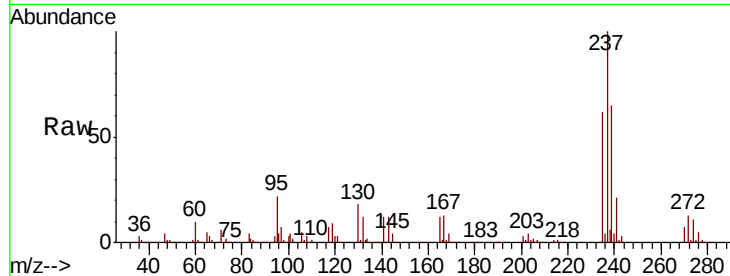
ClientSampleId :

PB116995BSD

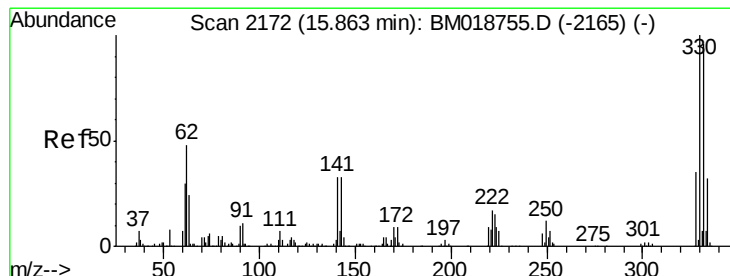
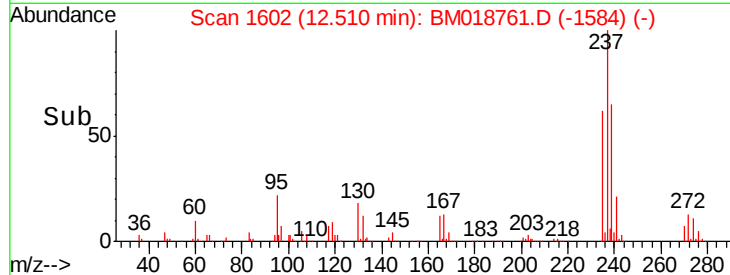
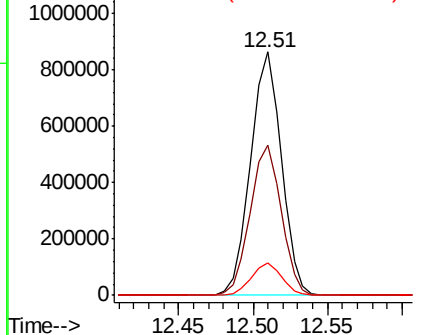
Tot Ion:	237	Resp:	1229165
Ion Ratio	Lower	Upper	
237	100		
235	61.9	43.7	83.7
272	13.3	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 158.540 ng

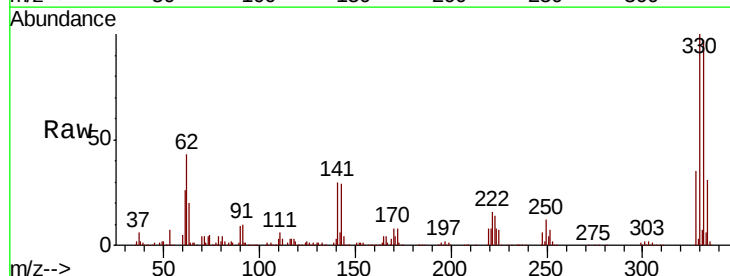
RT: 15.87 min Scan# 2173

Delta R.T. 0.01 min

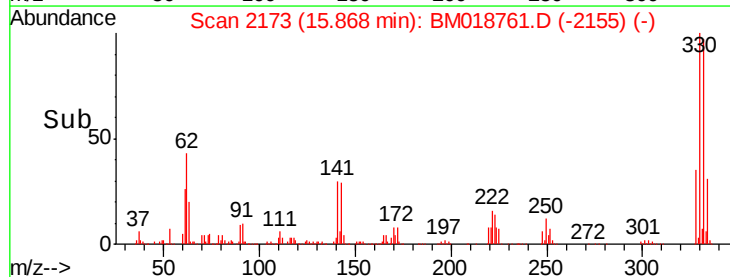
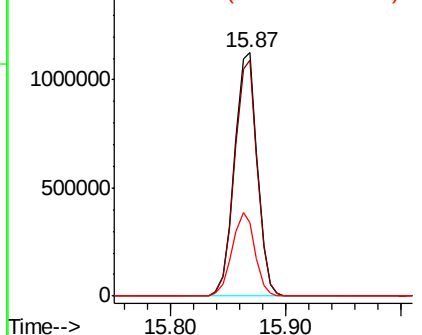
Lab File: BM018761.D

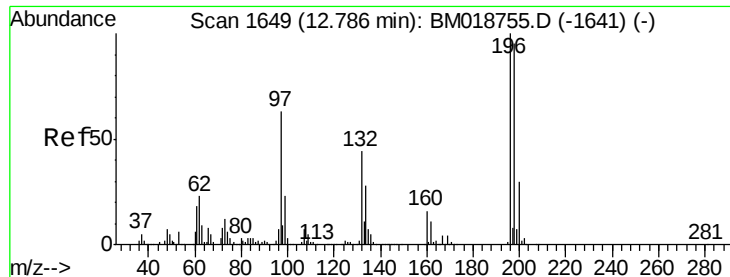
Acq: 11 Feb 2019 17:17

Tgt Ion:	330	Resp:	1544521
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.9	115.3
141	34.1	28.7	43.1



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





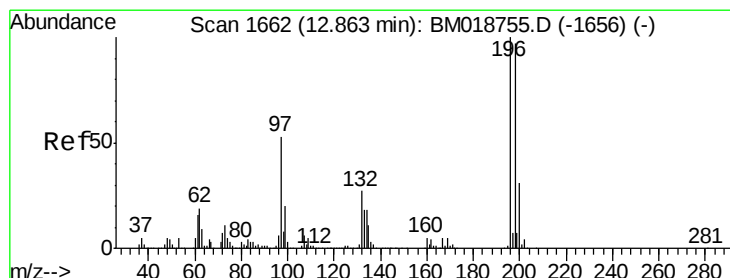
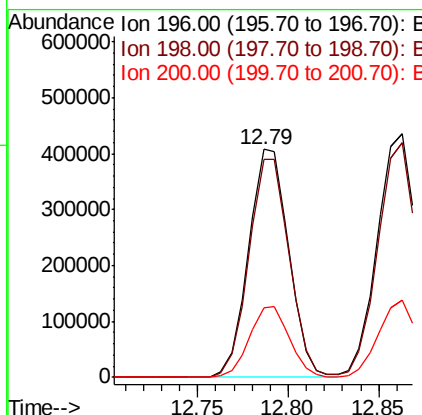
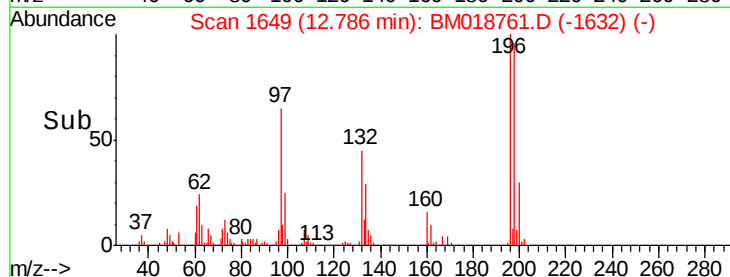
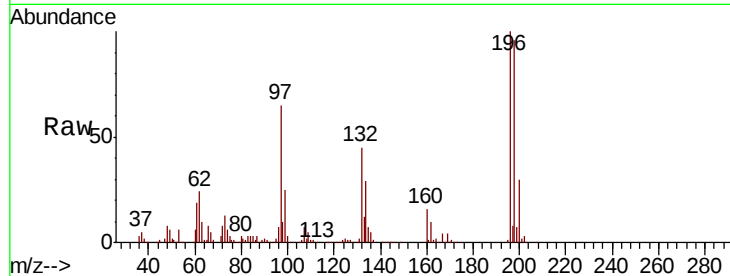
#43
 2,4,6-Trichlorophenol
 Concen: 44.015 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	629958		
198	95.8	76.2	114.2	
200	30.2	24.2	36.2	

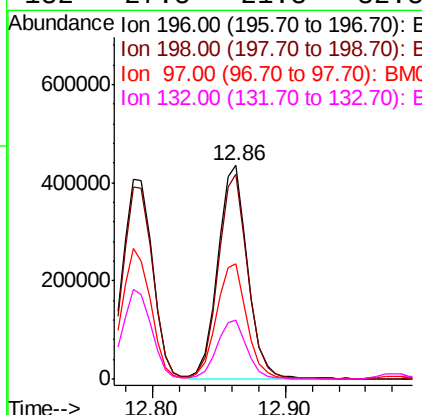
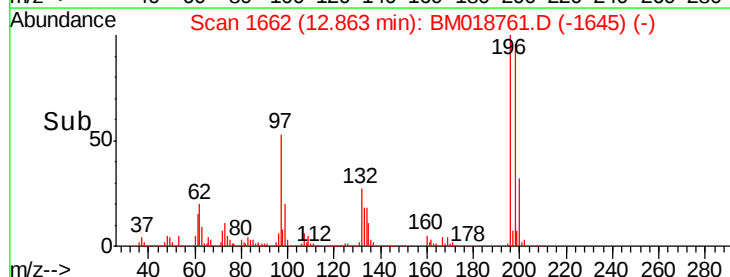
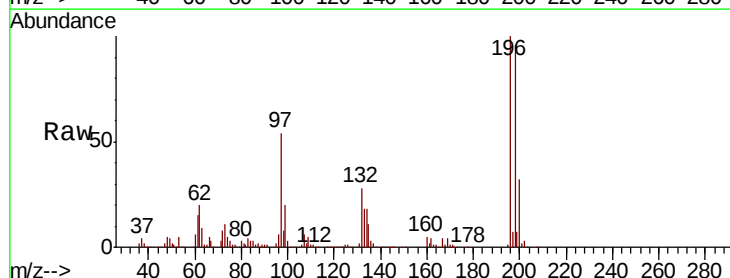
Manual Integrations
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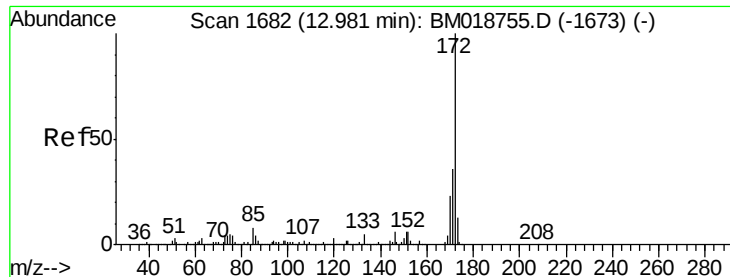
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#44
 2,4,5-Trichlorophenol
 Concen: 44.960 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	674453		
198	96.1	77.6	116.4	
97	53.8	42.8	64.2	
132	27.5	21.8	32.8	





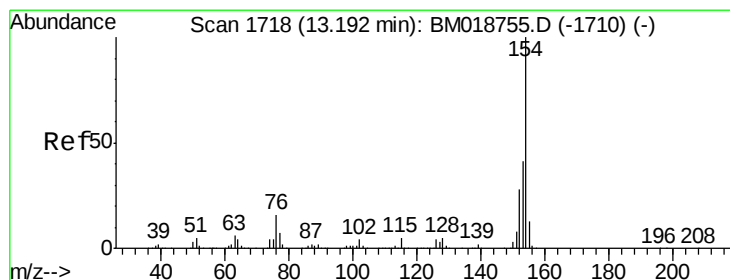
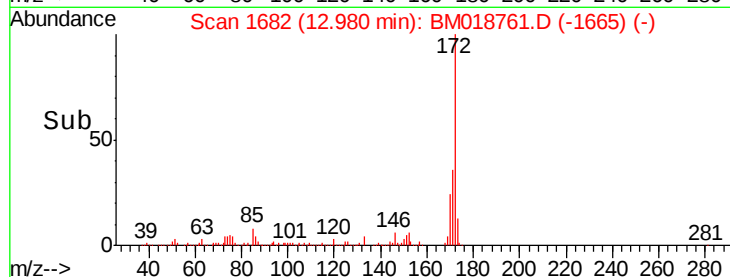
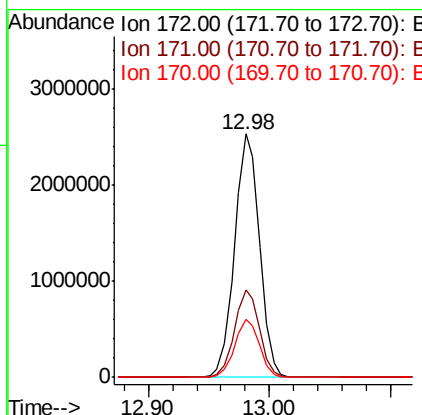
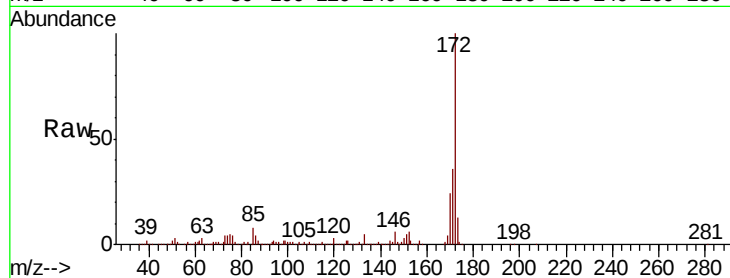
#45
2-Fluorobiphenyl
Concen: 71.369 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.6	18.6	28.0

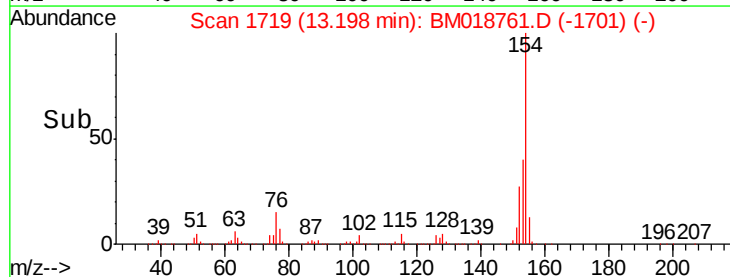
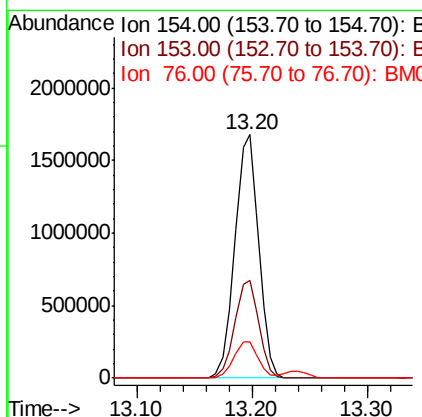
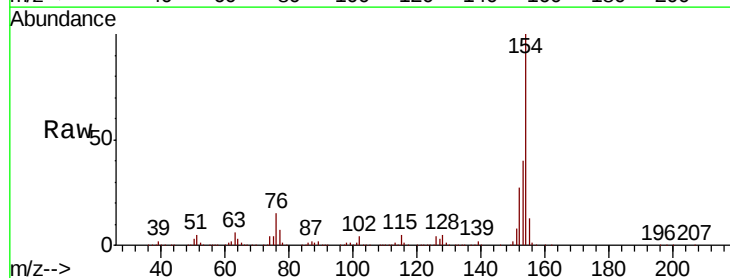
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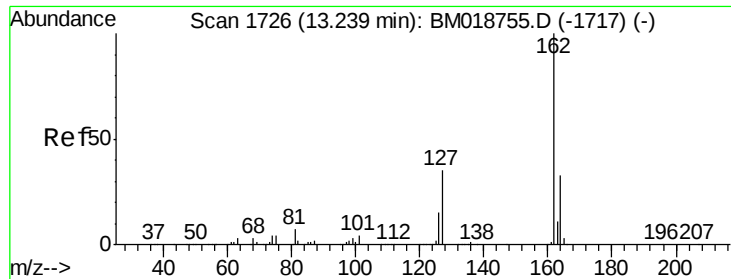
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#46
1,1'-Biphenyl
Concen: 41.102 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.1	61.1
76	15.0	0.0	35.7





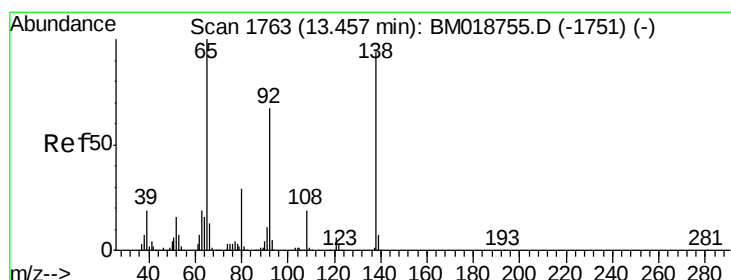
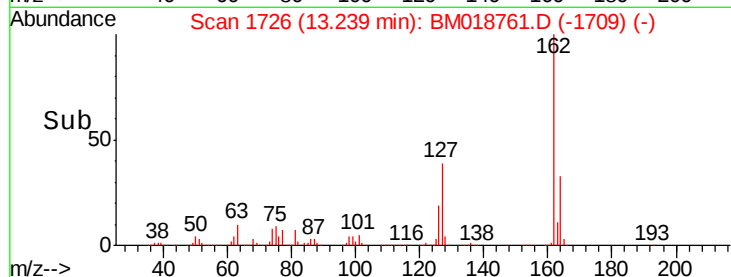
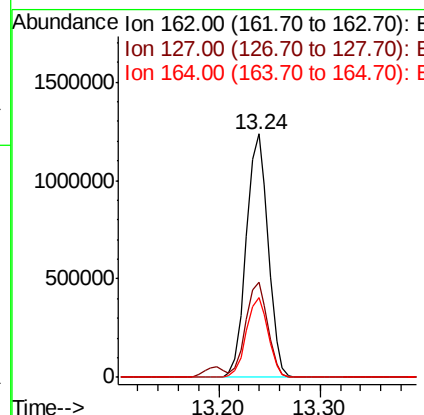
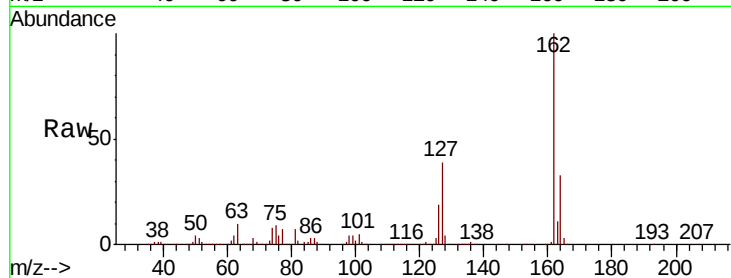
#47
2-Chloronaphthalene
Concen: 41.141 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.1	46.7
164	33.0	26.4	39.6

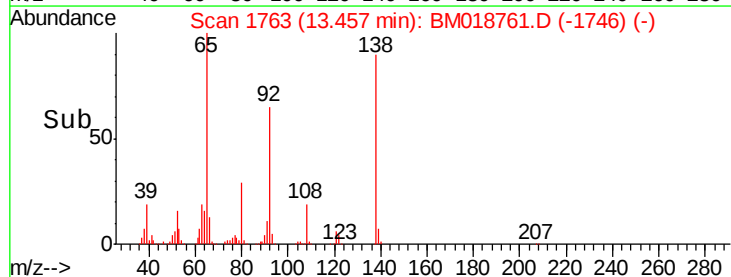
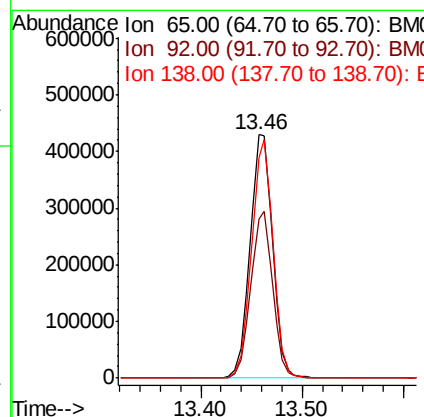
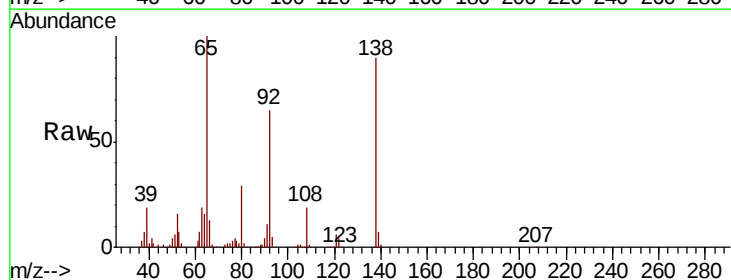
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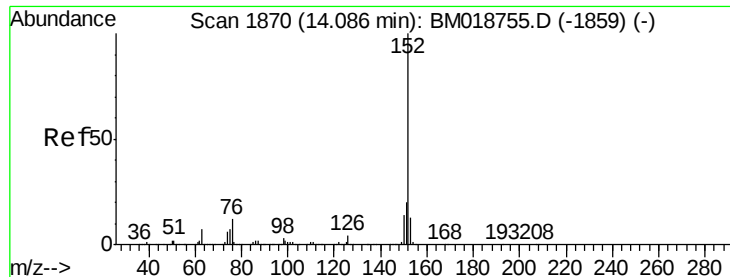
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#48
2-Nitroaniline
Concen: 44.422 ng
RT: 13.46 min Scan# 1763
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.4	54.0	81.0
138	90.5	74.9	112.3





#49

Acenaphthylene

Concen: 45.491 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion:152 Resp: 3043711

Ion Ratio Lower Upper

152 100

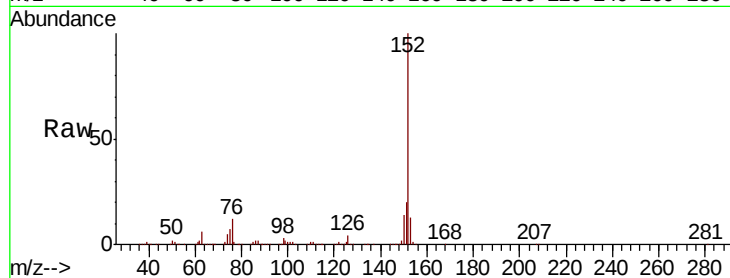
151 20.0 15.8 23.8

153 13.1 10.5 15.7

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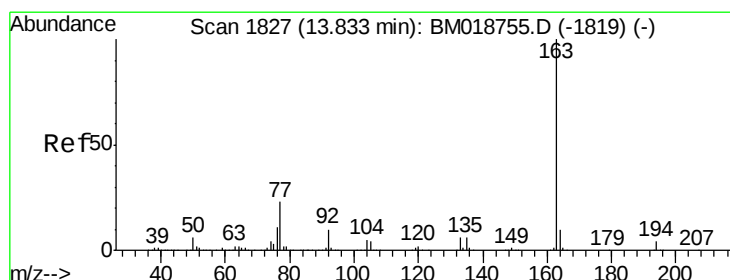
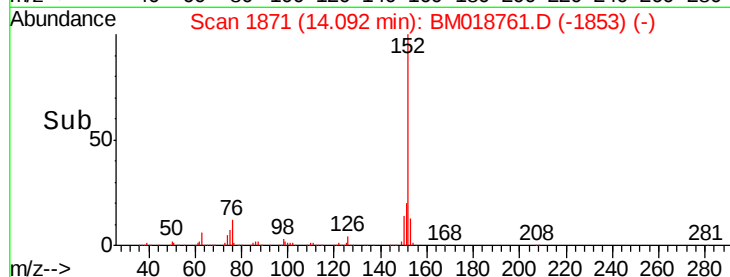
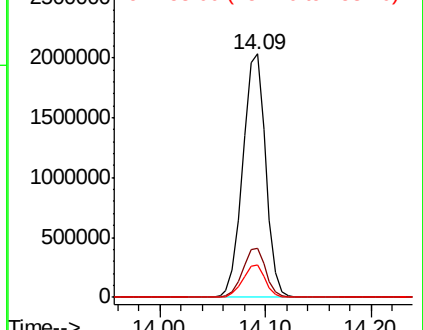


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.456 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

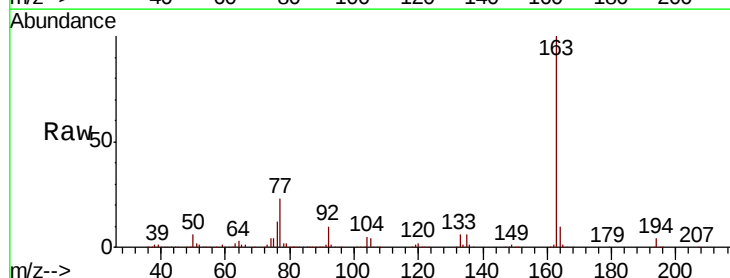
Tgt Ion:163 Resp: 2447685

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.9 7.8 11.8

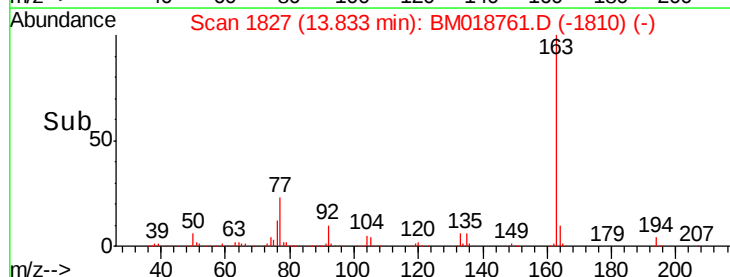
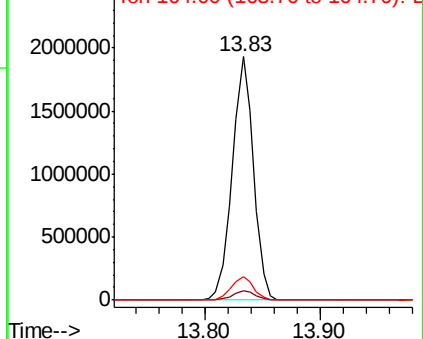


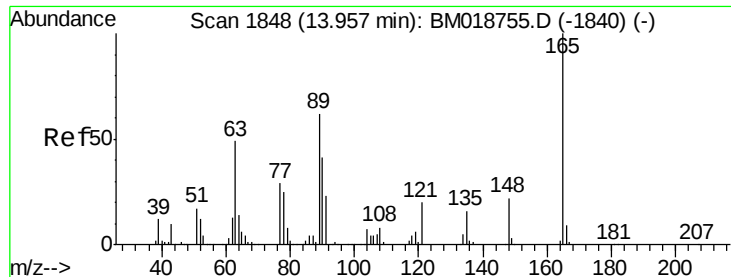
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.074 ng

RT: 13.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

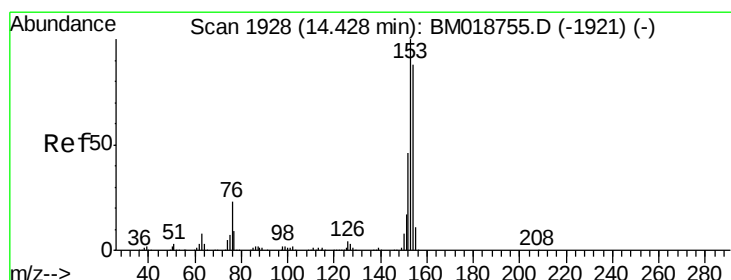
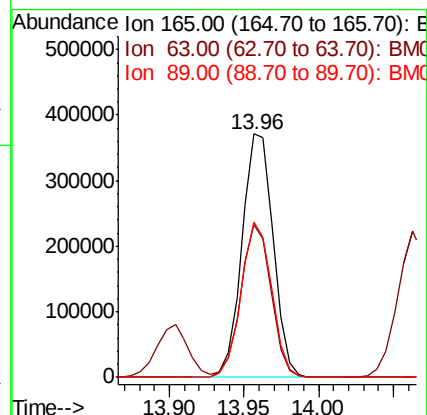
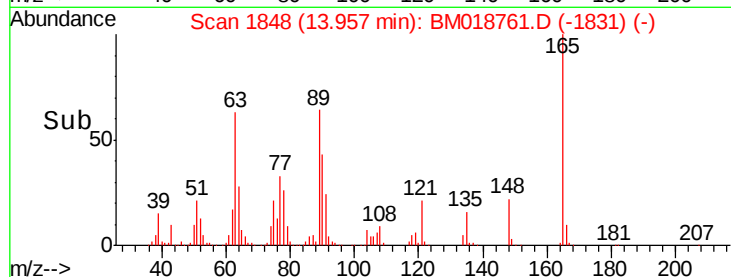
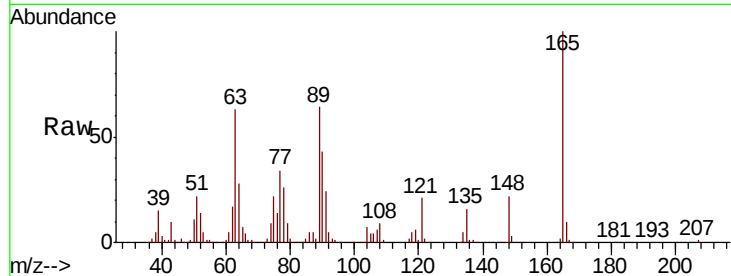
ClientSampleId :

PB116995BSD

Tot Ion:	165	Resp:	537761
Ion Ratio	Lower	Upper	
165	100		
63	62.8	48.9	73.3
89	64.0	49.4	74.0

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#52

Acenaphthene

Concen: 42.968 ng

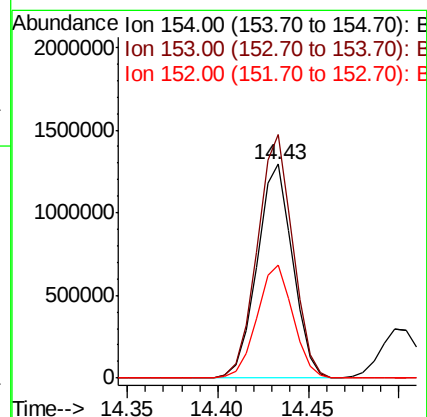
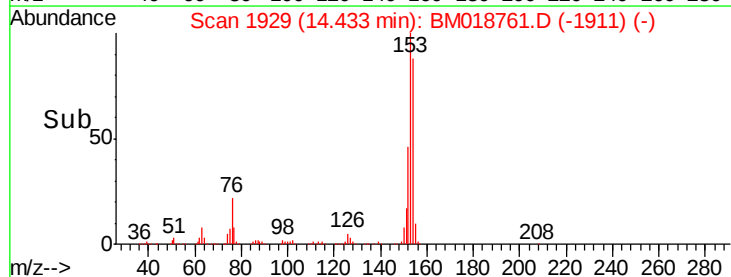
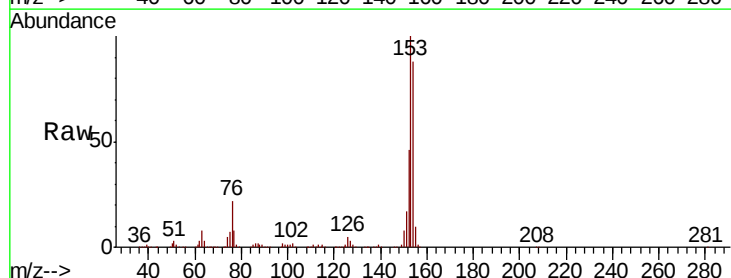
RT: 14.43 min Scan# 1929

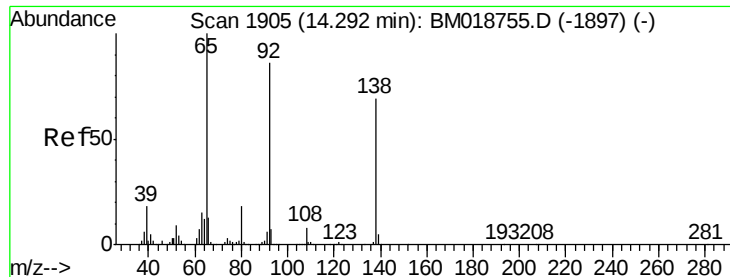
Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Tgt Ion:	154	Resp:	1762795
Ion Ratio	Lower	Upper	
154	100		
153	113.8	91.3	136.9
152	52.6	42.2	63.4





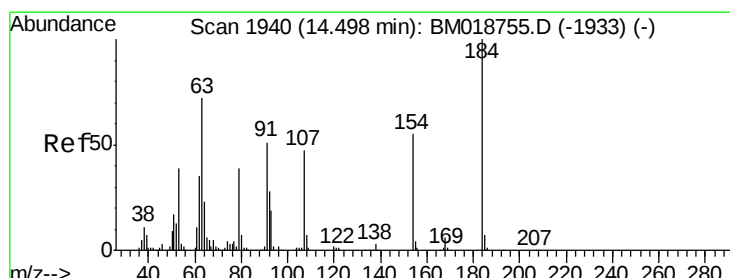
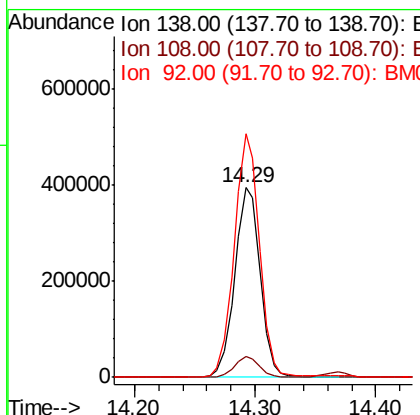
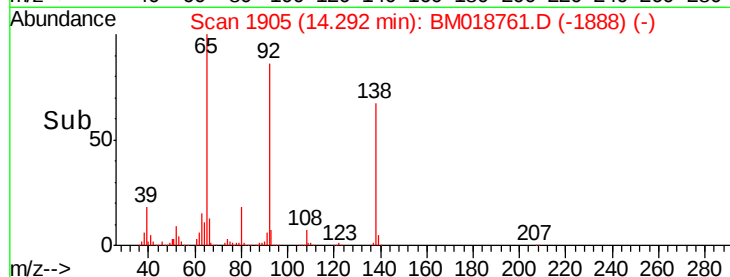
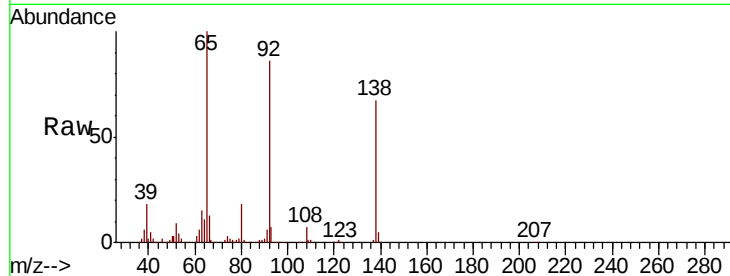
#53
3-Nitroaniline
Concen: 42.113 ng
RT: 14.29 min Scan# 1905
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.1	13.7
92	128.6	99.7	149.5

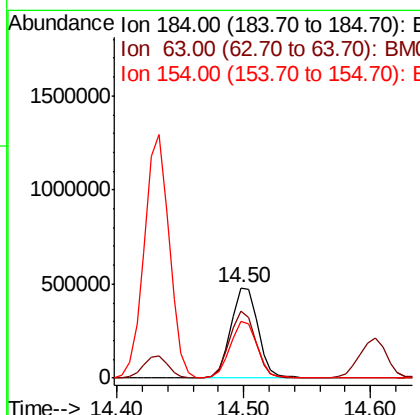
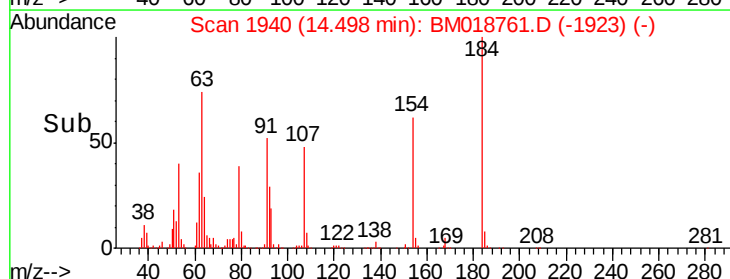
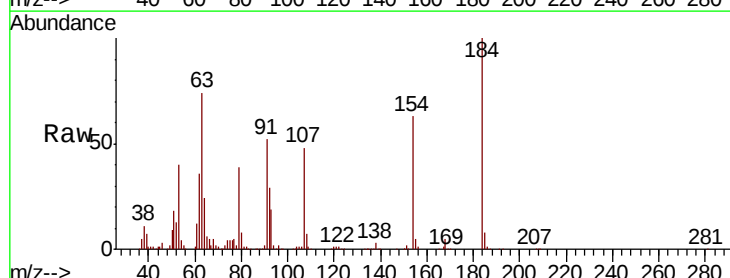
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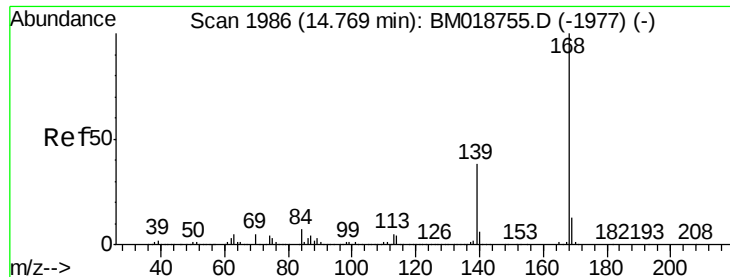
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#54
2,4-Dinitrophenol
Concen: 90.955 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.0	58.0	87.0
154	62.7	50.3	75.5





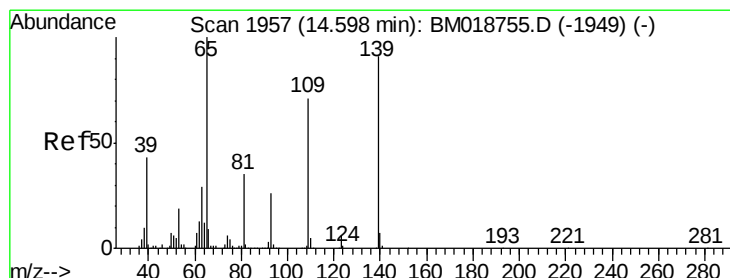
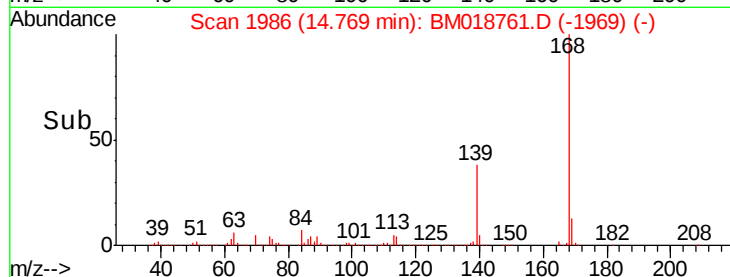
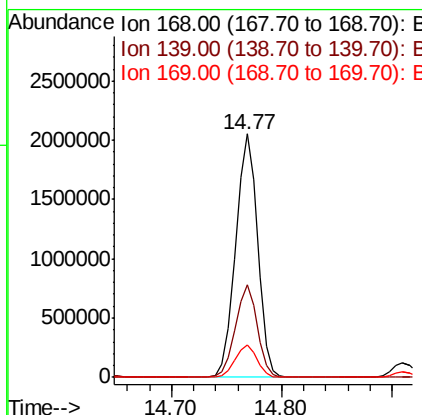
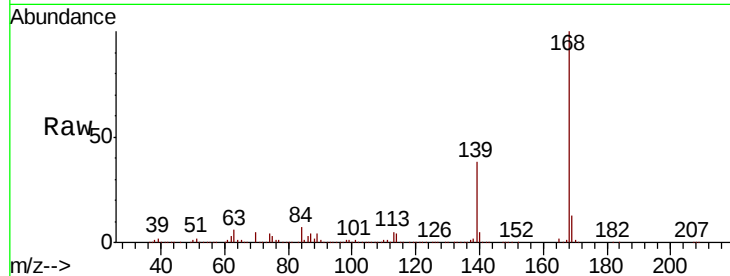
#55
Dibenzofuran
Concen: 42.648 ng
RT: 14.77 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion:168 Resp: 2875871
Ion Ratio Lower Upper
168 100
139 37.8 30.7 46.1
169 13.1 10.3 15.5

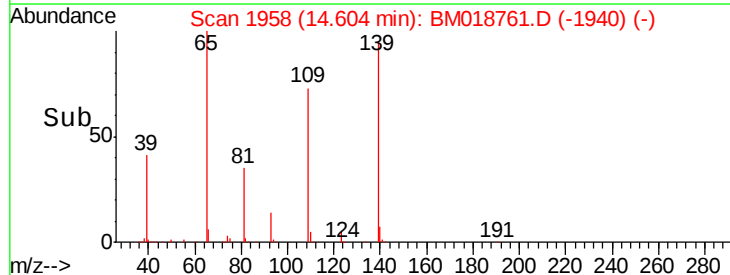
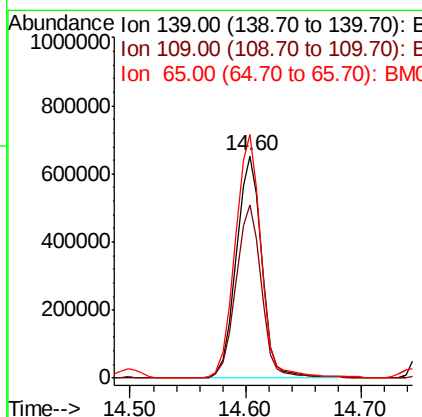
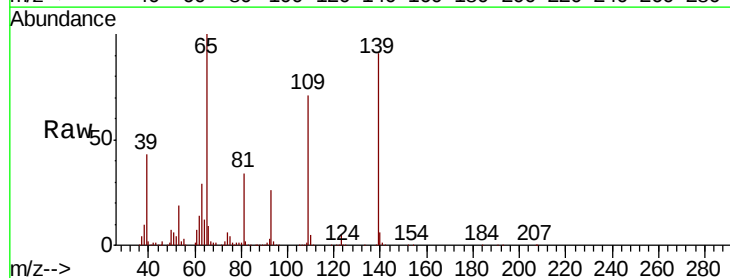
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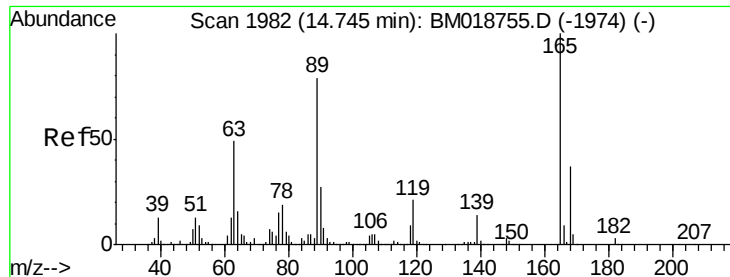
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#56
4-Nitrophenol
Concen: 91.002 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion:139 Resp: 1001486
Ion Ratio Lower Upper
139 100
109 77.9 58.4 98.4
65 109.7 89.8 129.8





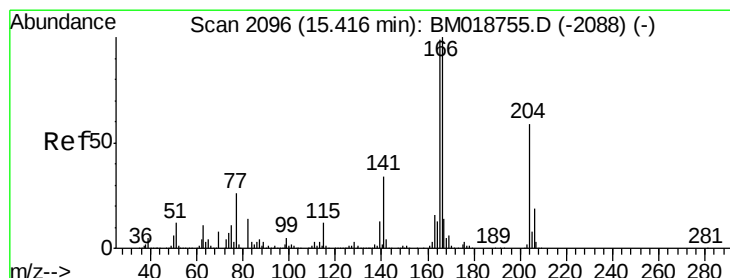
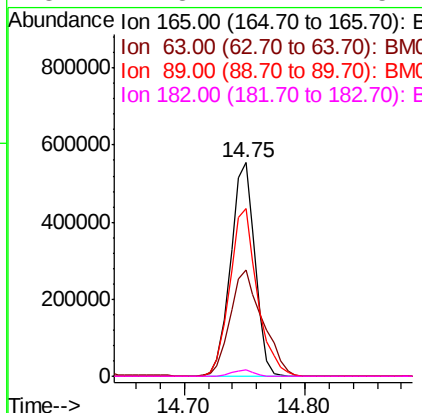
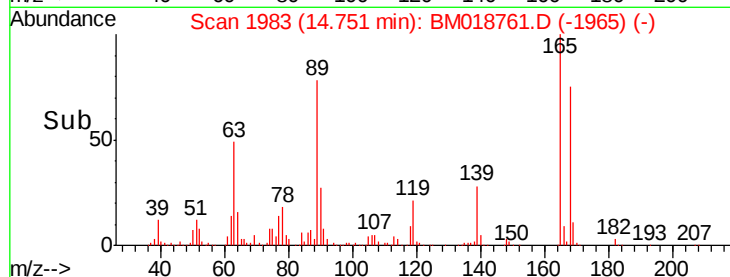
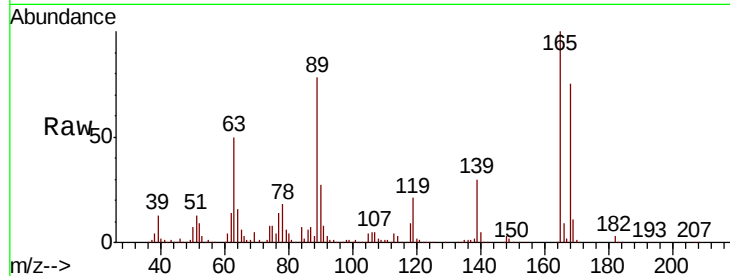
#57
 2,4-Dinitrotoluene
 Concen: 45.996 ng
 RT: 14.75 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		773245		
63	49.6	39.6	59.4		
89	78.3	63.5	95.3		
182	2.8	2.2	3.4		

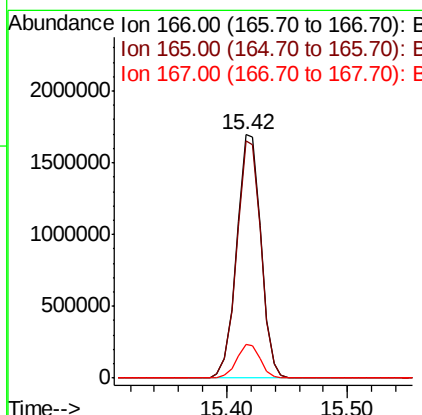
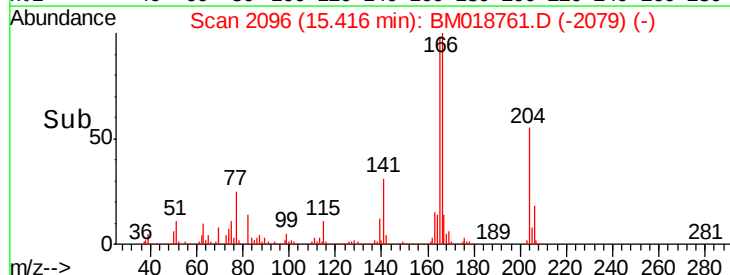
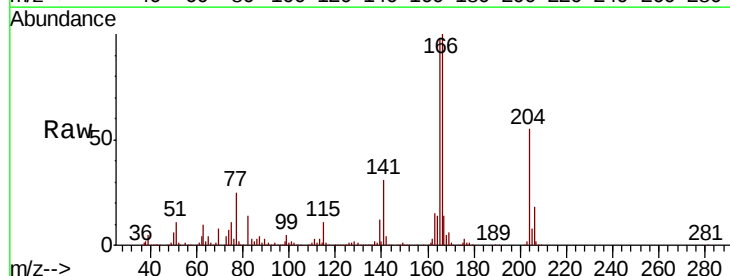
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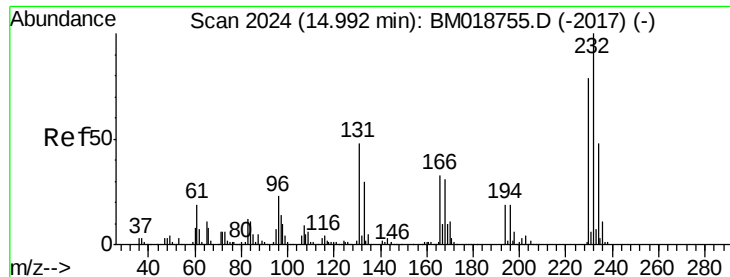
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#58
 Fluorene
 Concen: 45.914 ng
 RT: 15.42 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2368599		
165	97.6	79.1	118.7		
167	13.6	11.0	16.4		





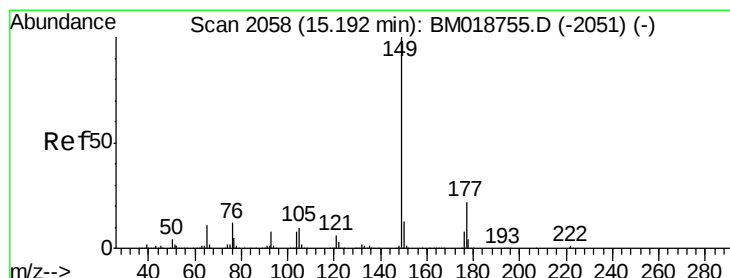
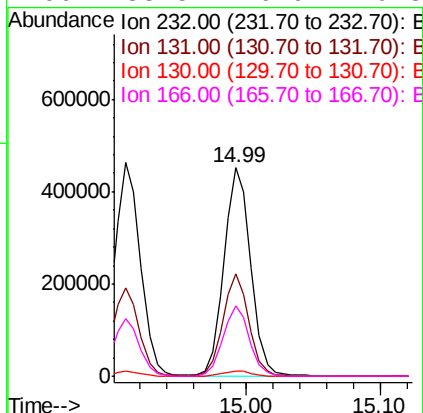
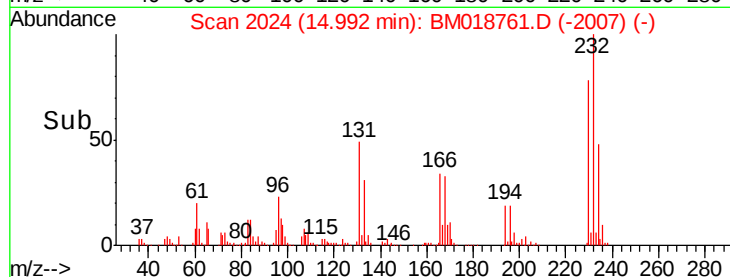
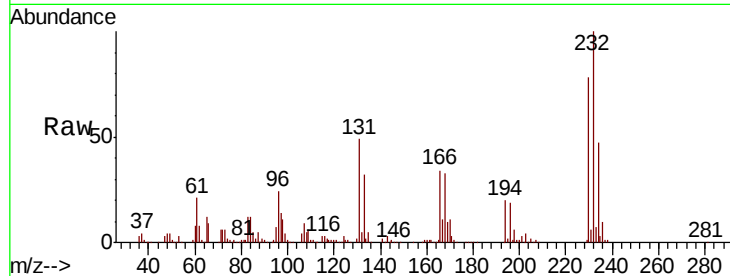
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.710 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BSD

Tot Ion:	232	Resp:	632628
Ion Ratio	Lower	Upper	
232	100		
131	47.5	38.6	57.8
130	2.5	2.0	3.0
166	33.5	26.9	40.3

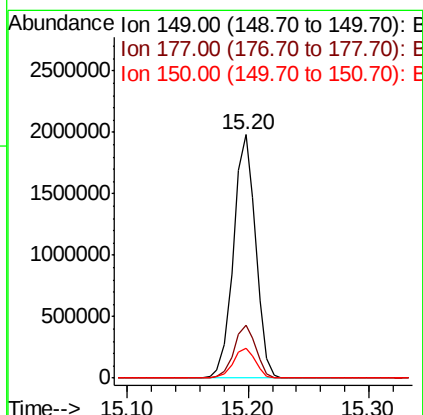
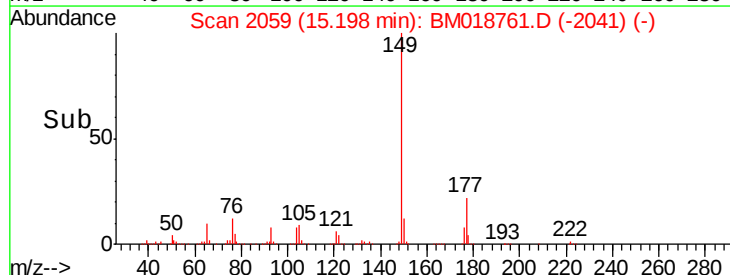
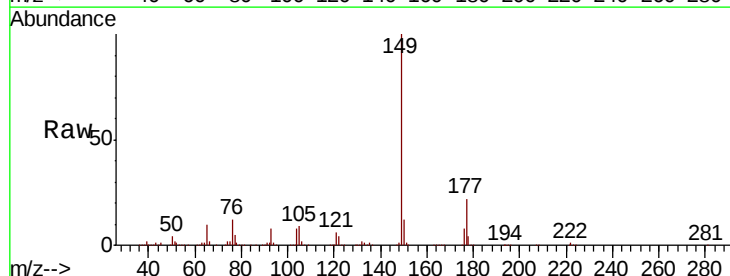
Manual Integrations
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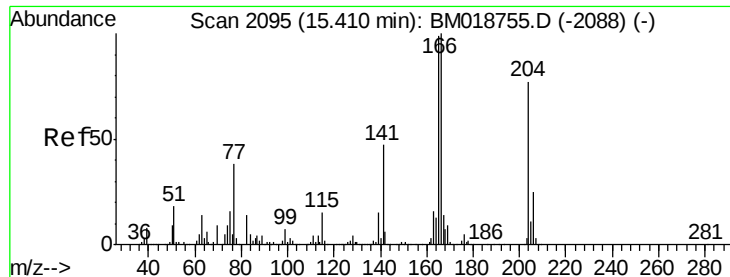
Sohil
 2/12/2019 12:11:52 PM



#60
 Diethylphthalate
 Concen: 43.550 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Tgt Ion:	149	Resp:	2530360
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.2	25.8
150	12.3	10.2	15.2





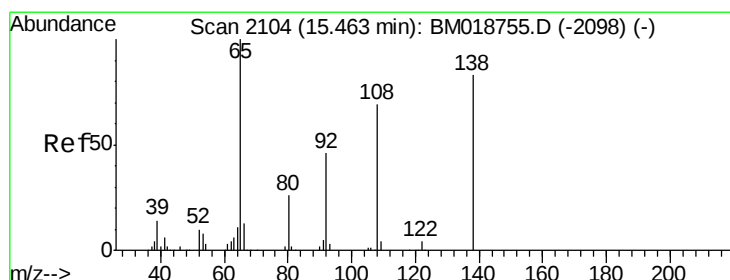
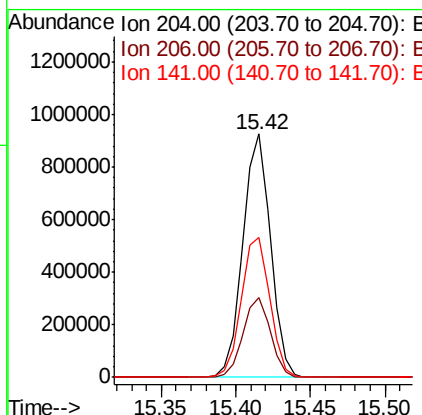
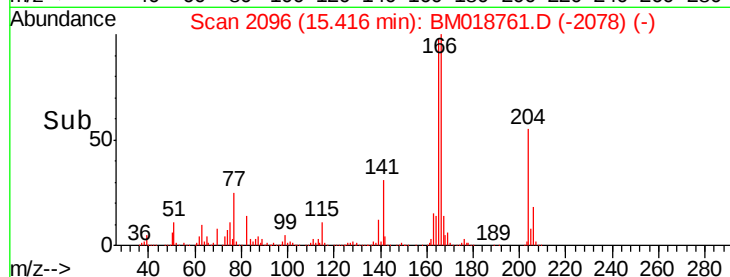
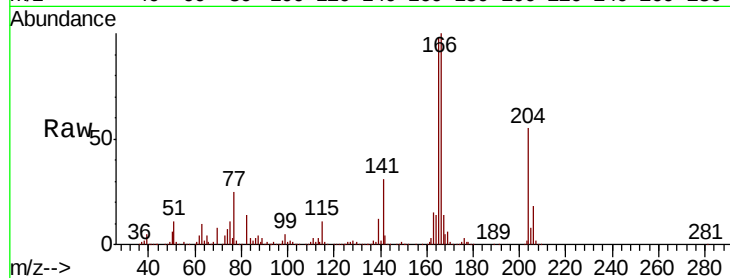
#61
4-Chlorophenyl-phenylether
Concen: 40.911 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion:204 Resp: 1183315
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 57.3 49.2 73.8

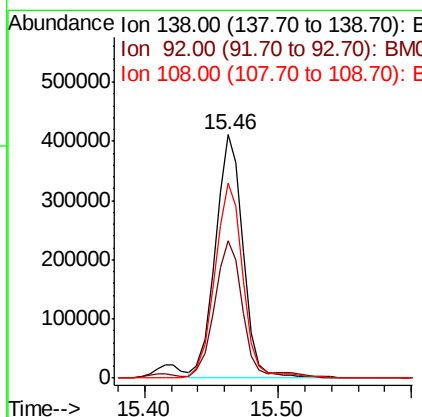
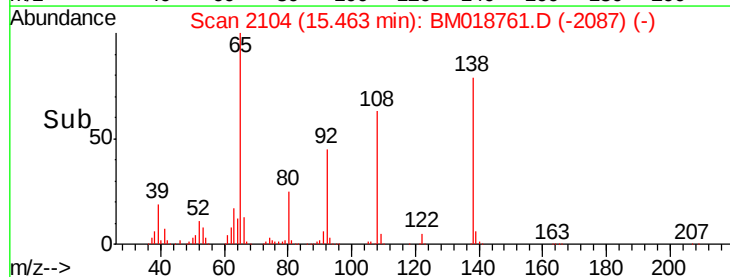
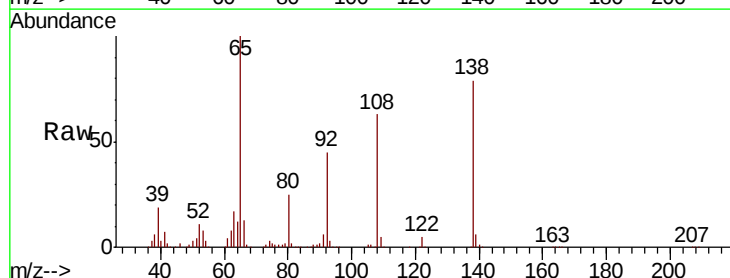
Manual Integrations
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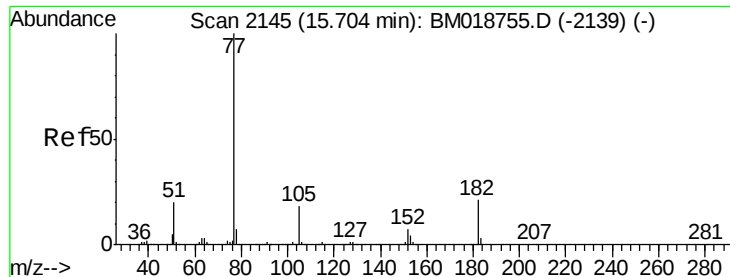
Sohil
2/12/2019 12:11:52 PM



#62
4-Nitroaniline
Concen: 44.009 ng
RT: 15.46 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion:138 Resp: 594791
Ion Ratio Lower Upper
138 100
92 56.4 35.5 75.5
108 80.0 62.4 102.4





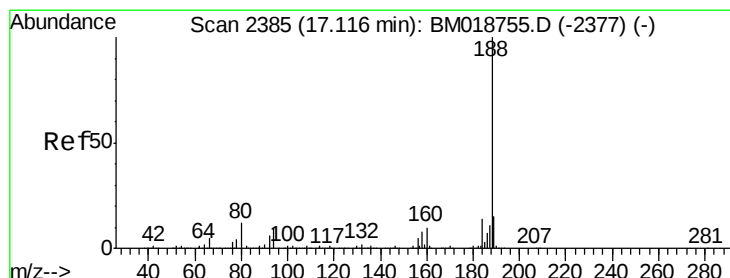
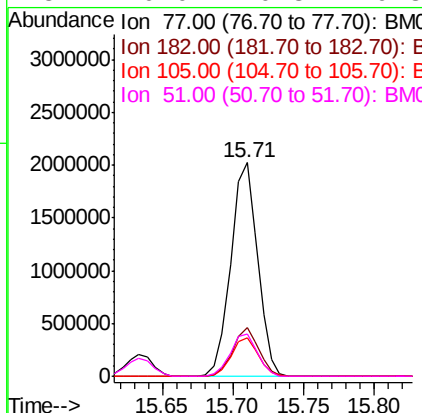
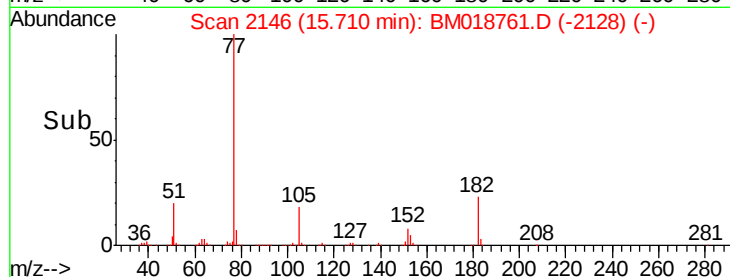
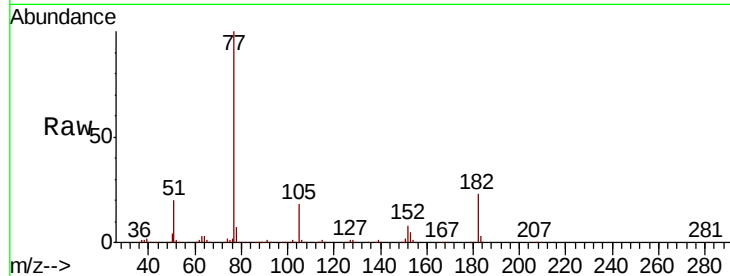
#63
Azobenzene
Concen: 42.829 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.5	1.0	41.0	
105	18.1	0.0	37.7	
51	20.0	0.3	40.3	

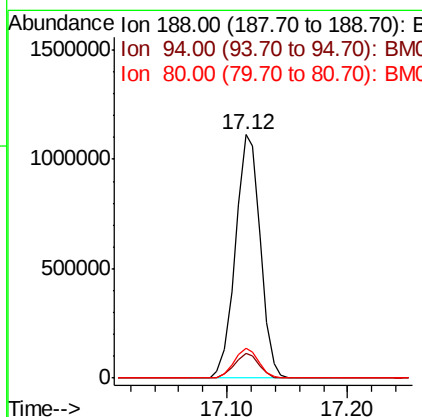
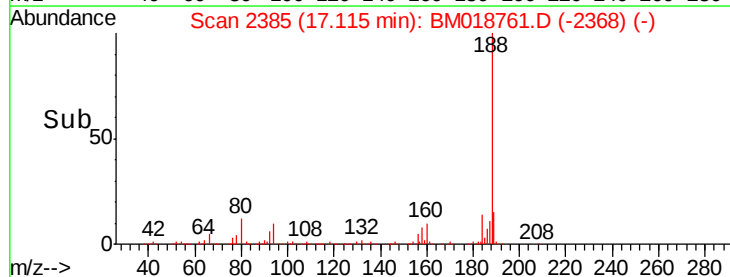
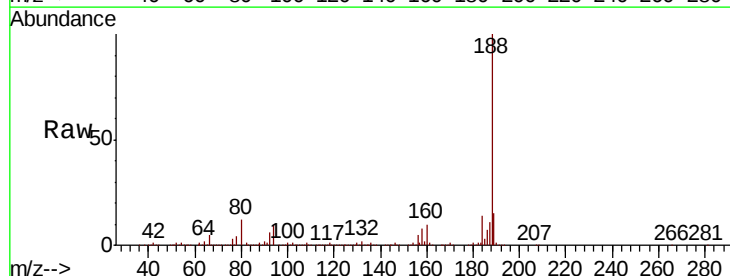
Manual Integrations
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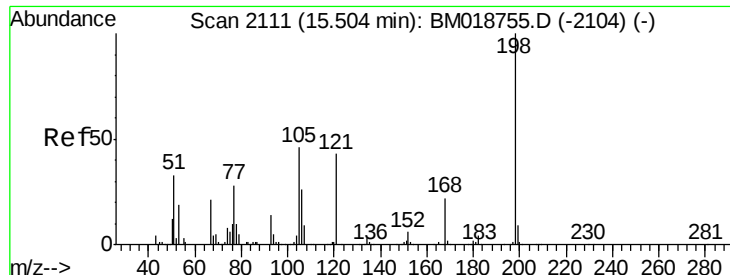
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

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





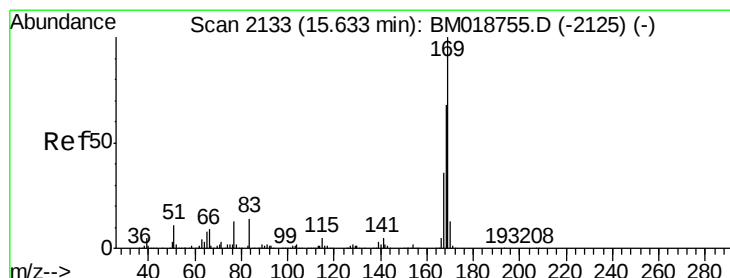
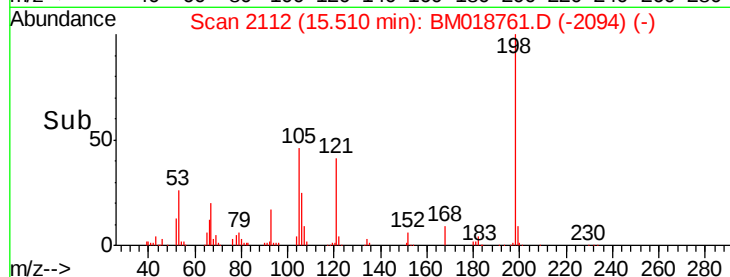
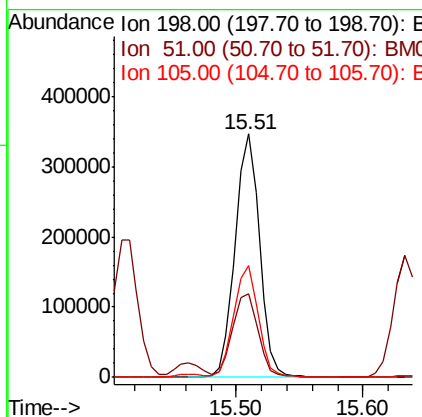
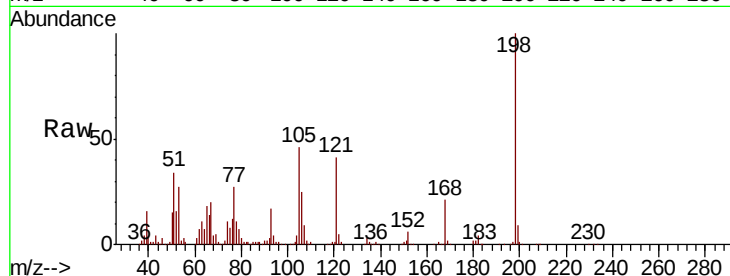
#65
4,6-Dinitro-2-methylphenol
Concen: 41.102 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	460394		
51	34.4	18.4	58.4	
105	45.9	27.2	67.2	

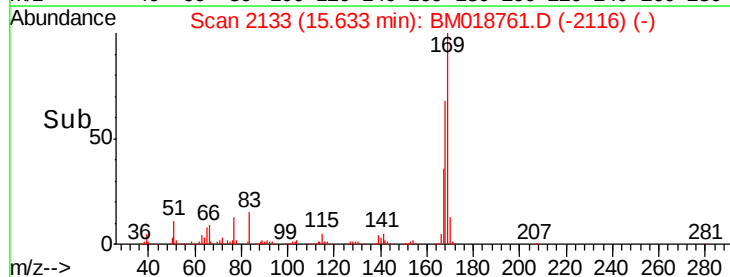
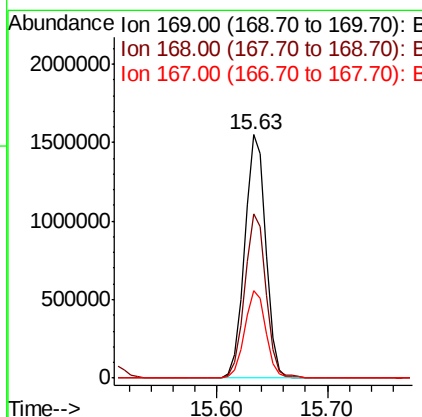
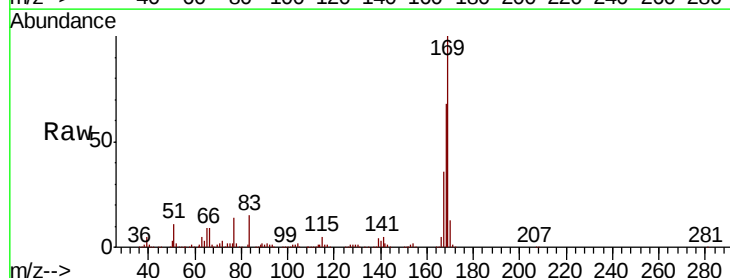
Manual Integrations
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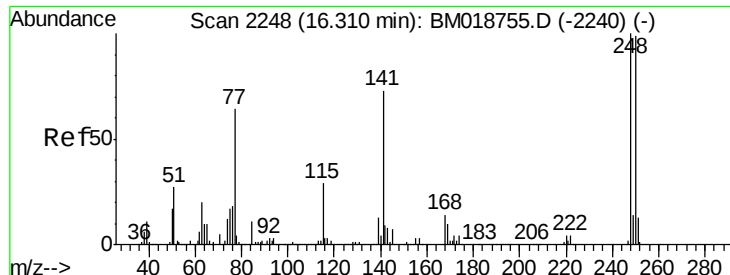
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 41.181 ng
RT: 15.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2075694		
168	67.7	54.4	81.6	
167	36.1	29.0	43.6	





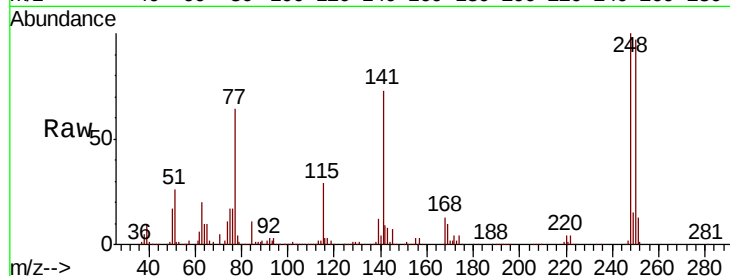
#67
4-Bromophenyl-phenylether
Concen: 40.106 ng
RT: 16.31 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.0	118.6
141	73.0	58.6	88.0

Manual Integrations
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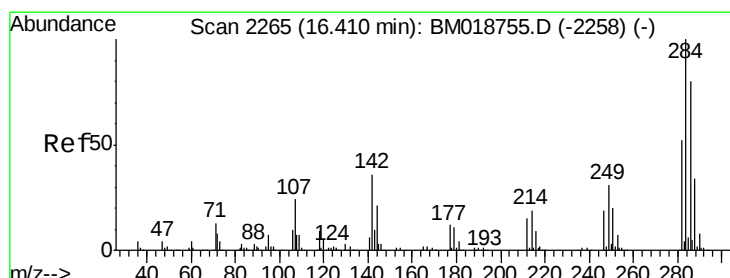
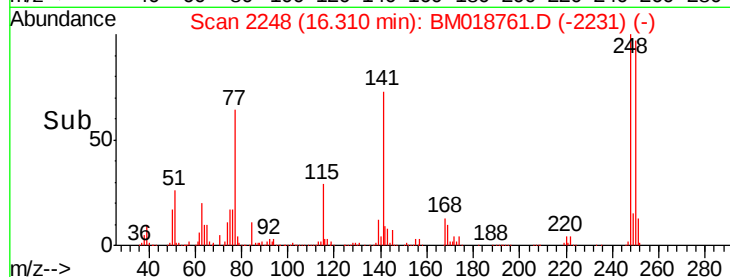
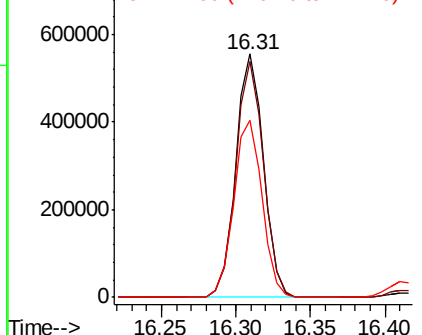


Abundance

Ion 248.00 (247.70 to 248.70): E

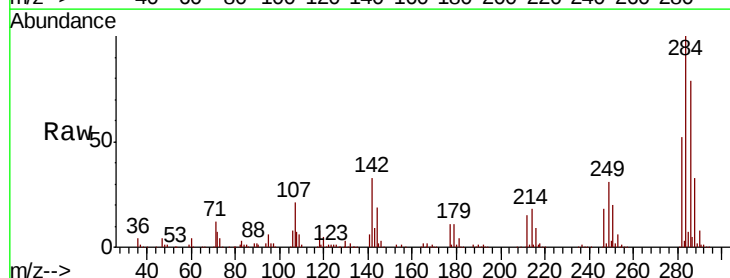
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.162 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	28.9	43.3
249	30.6	24.8	37.2

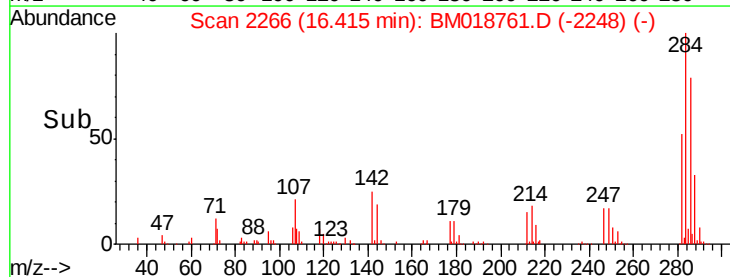
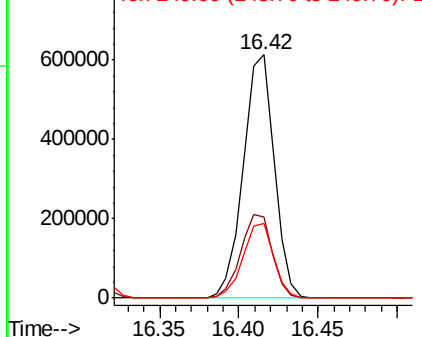


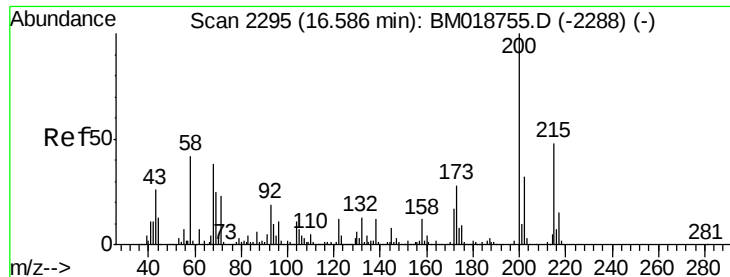
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





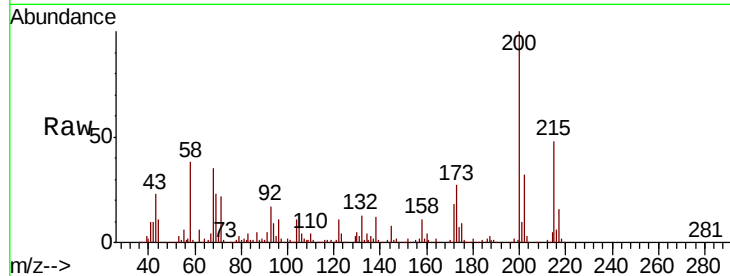
#69
Atrazine
Concen: 43.826 ng
RT: 16.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.6	47.6
215	47.6	27.6	67.6

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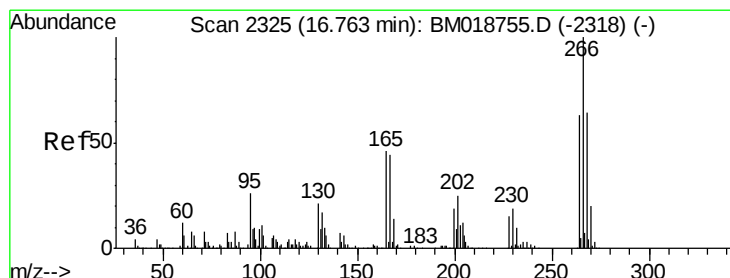
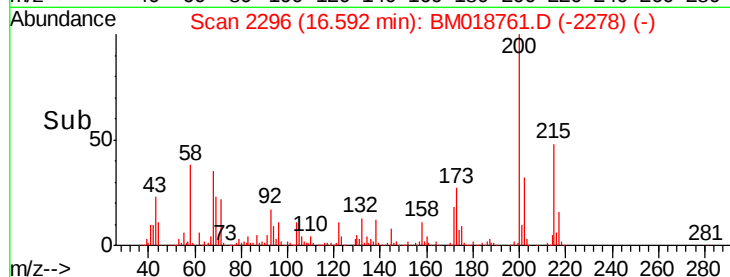
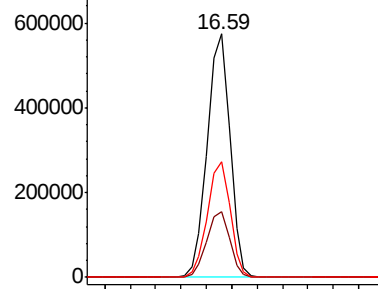


Abundance

Ion 200.00 (199.70 to 200.70): E

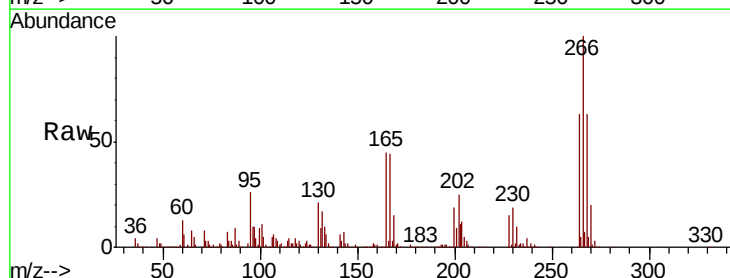
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.857 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.3	76.9
264	62.9	50.6	75.8

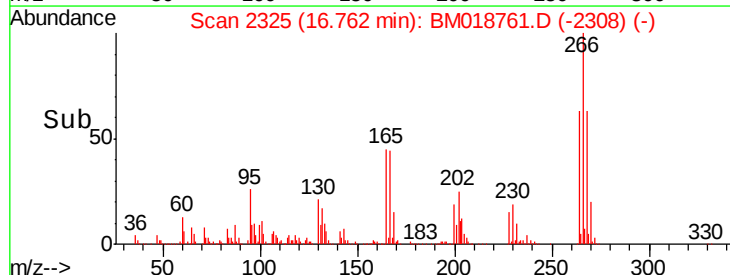
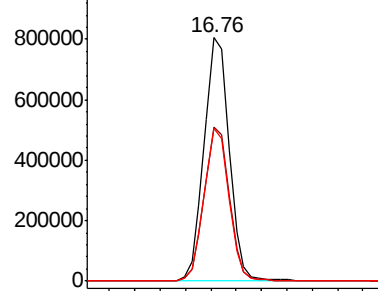


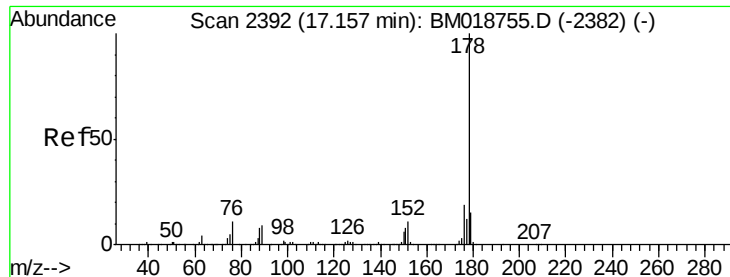
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





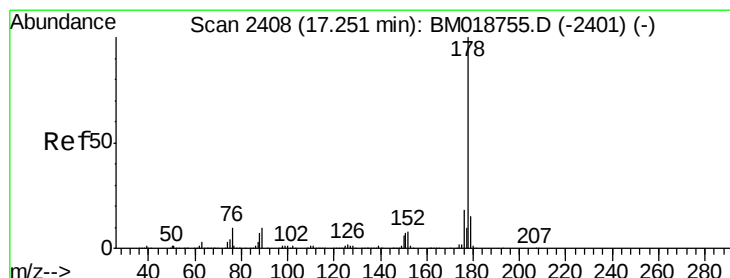
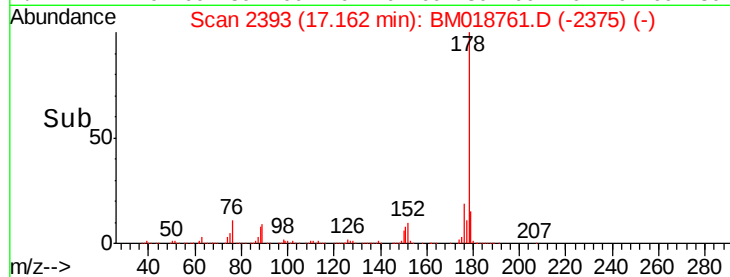
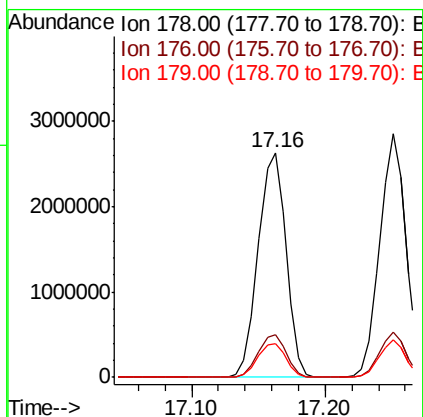
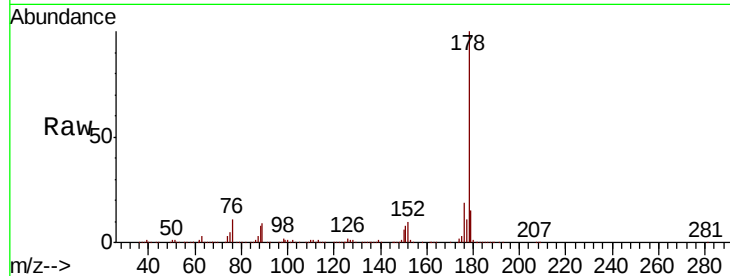
#71
Phenanthrene
Concen: 44.214 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion:178 Resp: 3790879
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.1 12.3 18.5

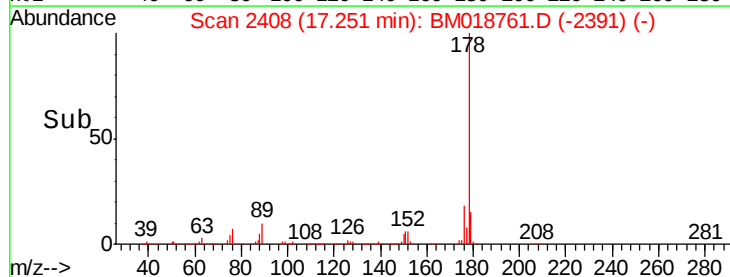
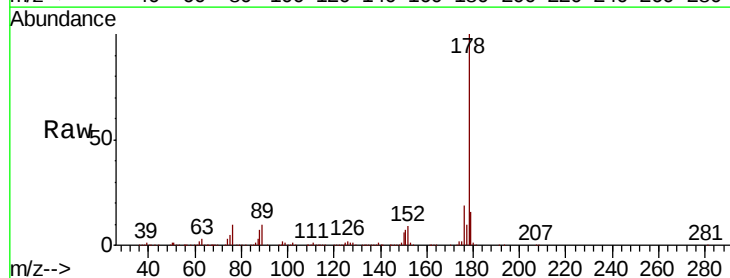
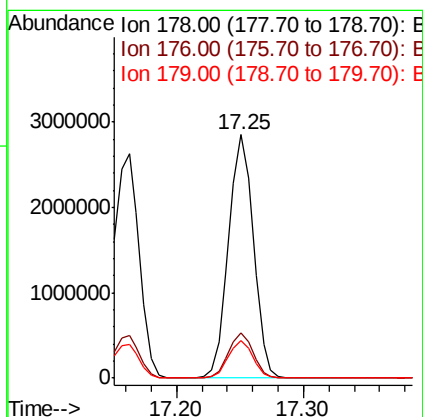
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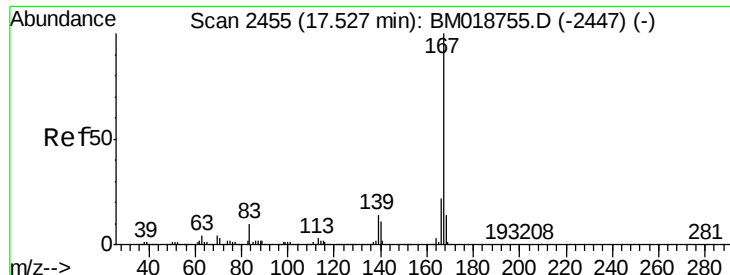
Sohil
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#72
Anthracene
Concen: 46.341 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion:178 Resp: 3867251
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 15.7 12.1 18.1





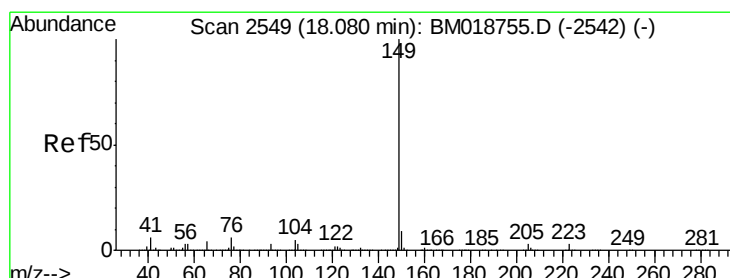
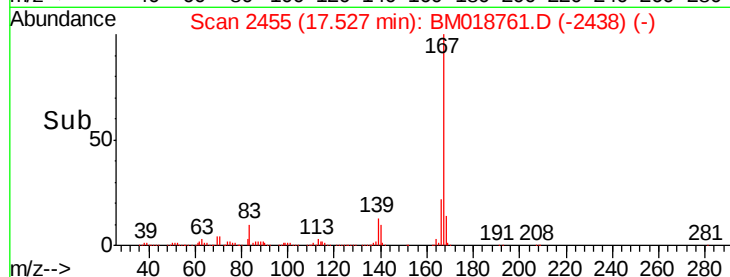
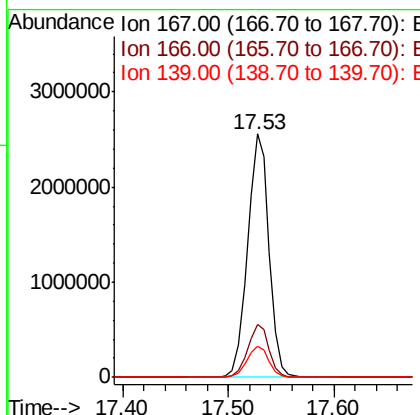
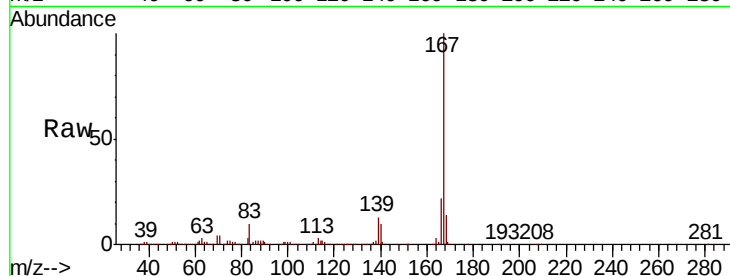
#73
 Carbazole
 Concen: 41.154 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Instrument :
 BNA_M
 ClientSampleId :
 PB116995BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.7	26.5
139	12.9	10.9	16.3

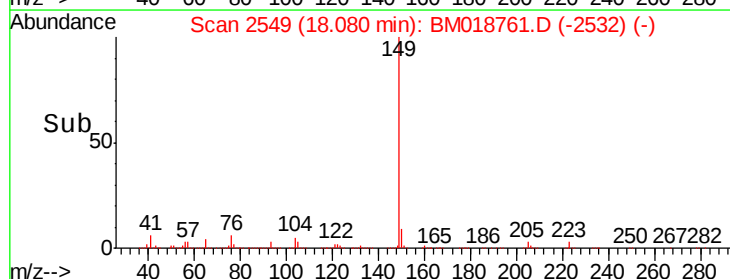
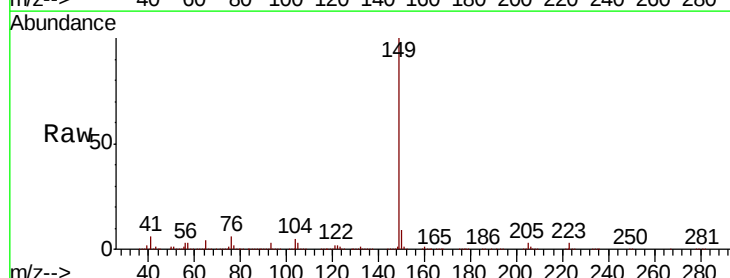
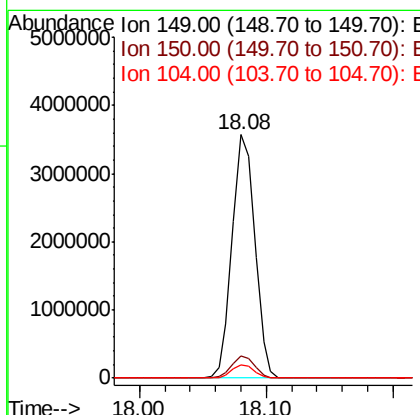
Manual Integrations
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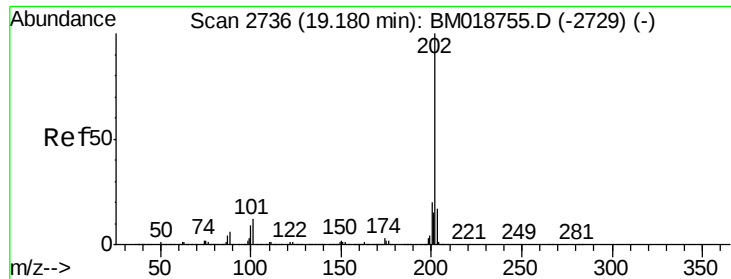
Sohil
 2/12/2019 12:11:52 PM



#74
 Di-n-butylphthalate
 Concen: 44.063 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BM018761.D
 Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 45.678 ng

RT: 19.18 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

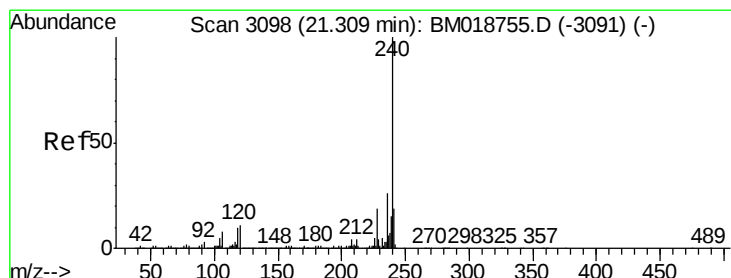
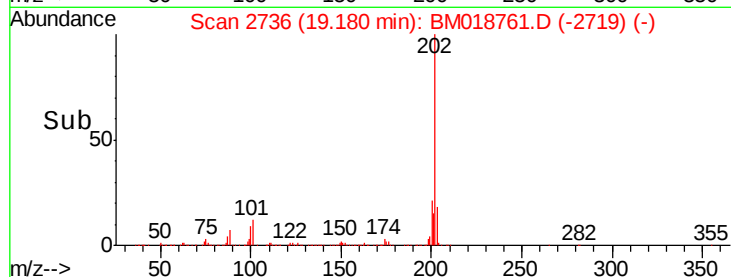
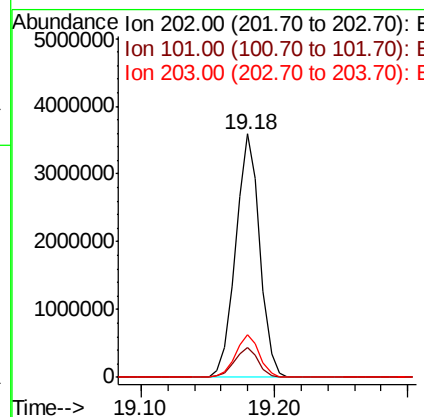
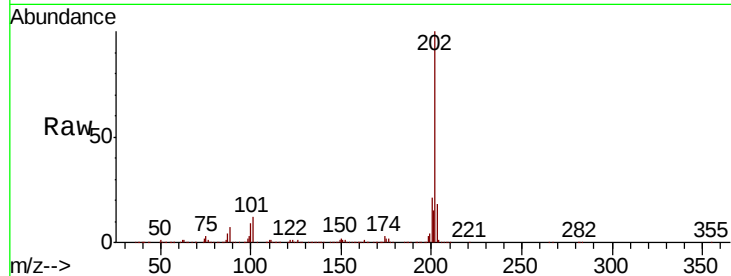
ClientSampleId :

PB116995BSD

Tot Ion:	202	Resp:	4523894
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

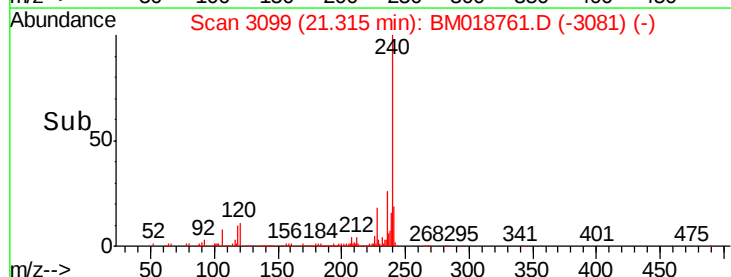
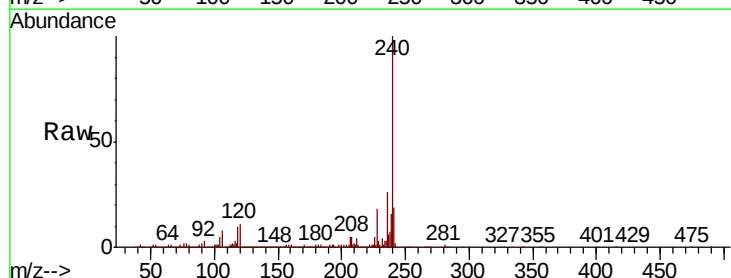
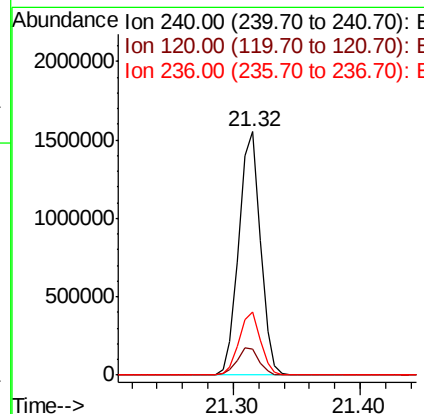
RT: 21.32 min Scan# 3099

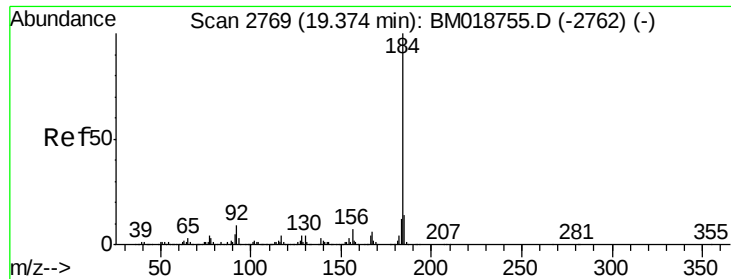
Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Tgt Ion:	240	Resp:	1824994
Ion	Ratio	Lower	Upper
240	100		
120	10.7	8.9	13.3
236	26.1	20.9	31.3





#77

Benzidine

Concen: 141.713 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion:184 Resp: 5824619

Ion Ratio Lower Upper

184 100

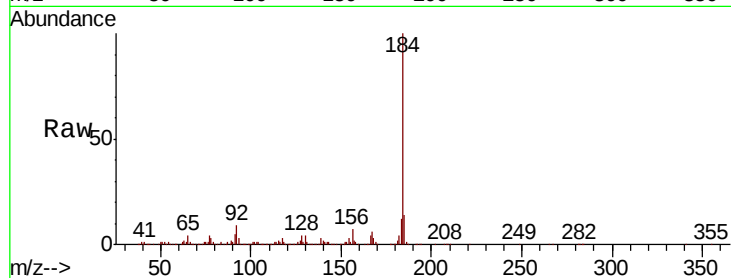
185 14.4 11.2 16.8

183 12.3 9.7 14.5

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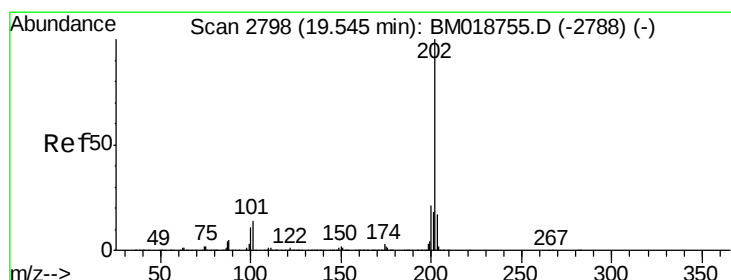
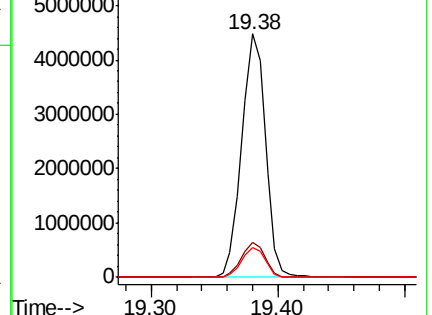
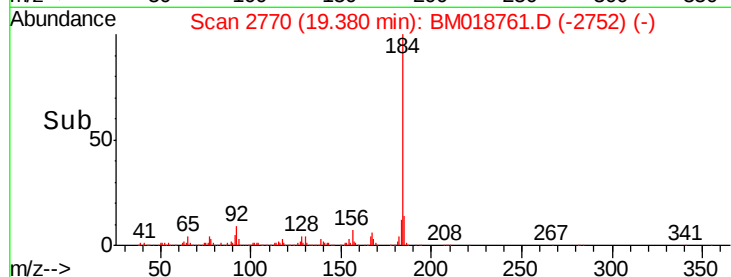


Abundance

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: 44.277 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

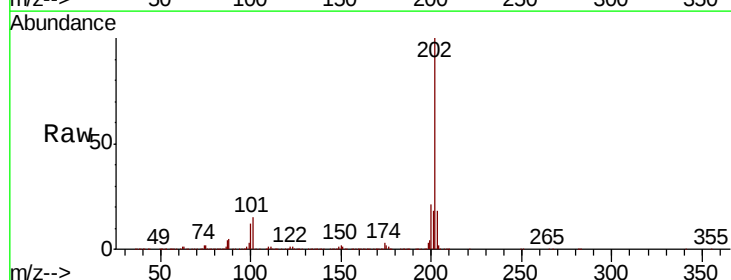
Tgt Ion:202 Resp: 4693033

Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.8 13.8 20.8

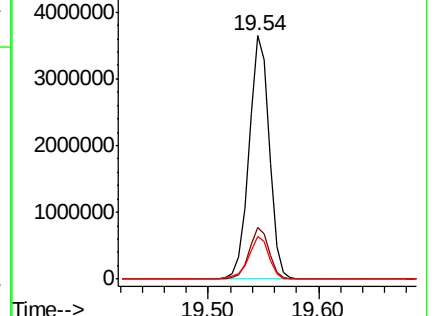
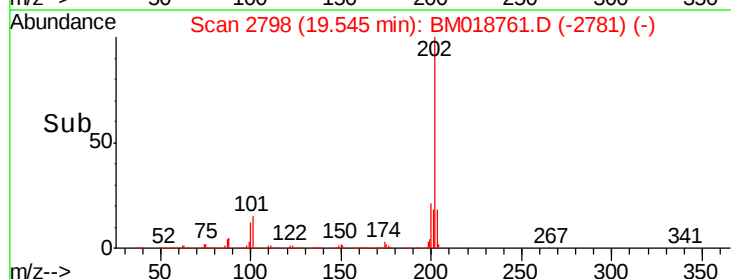


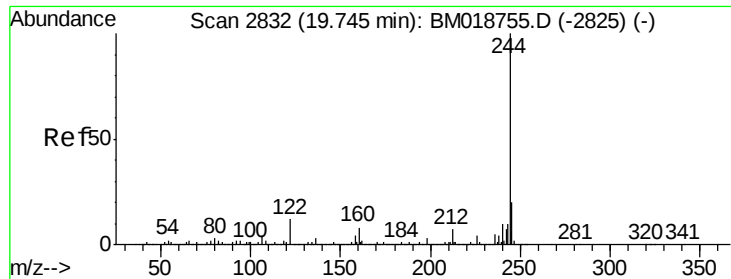
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.146 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion:244 Resp: 6913407

Ion Ratio Lower Upper

244 100

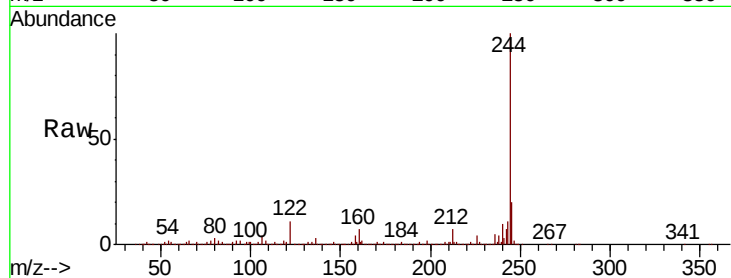
212 6.9 5.6 8.4

122 10.8 9.3 13.9

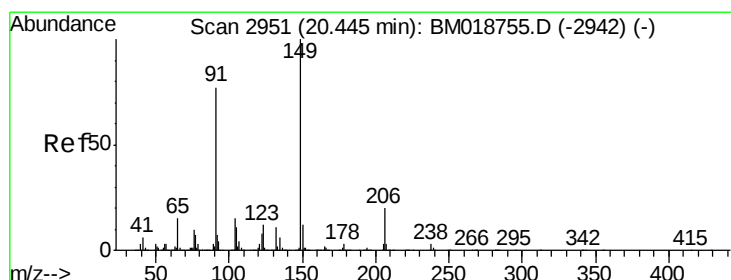
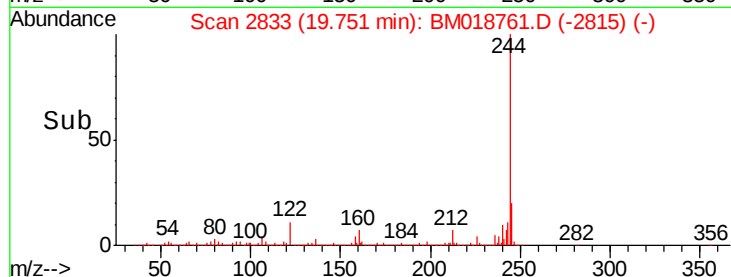
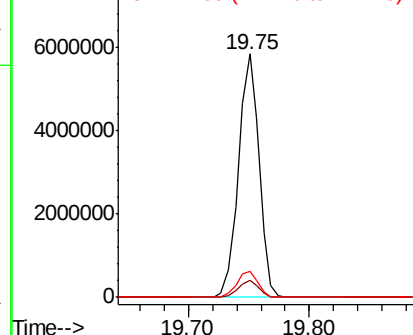
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
8000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.952 ng

RT: 20.45 min Scan# 2952

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

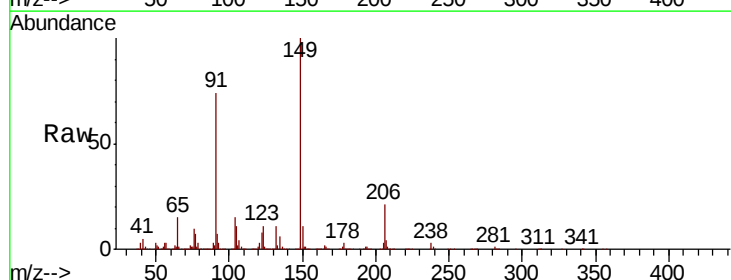
Tgt Ion:149 Resp: 2171412

Ion Ratio Lower Upper

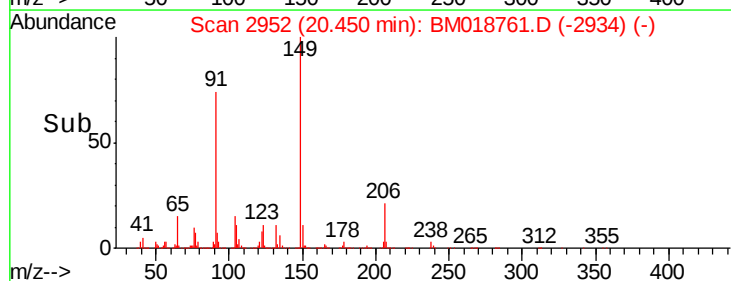
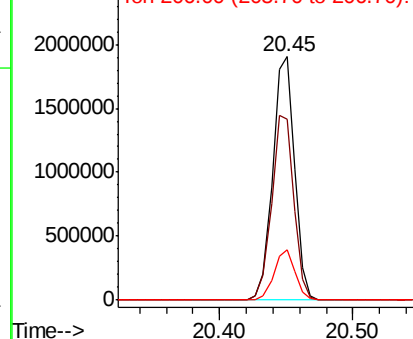
149 100

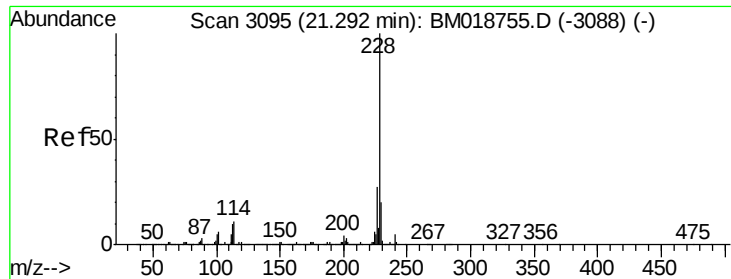
91 74.4 61.4 92.0

206 20.6 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: 45.350 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampled :

PB116995BSD

Tot Ion:228 Resp: 4824436

Ion Ratio Lower Upper

228 100

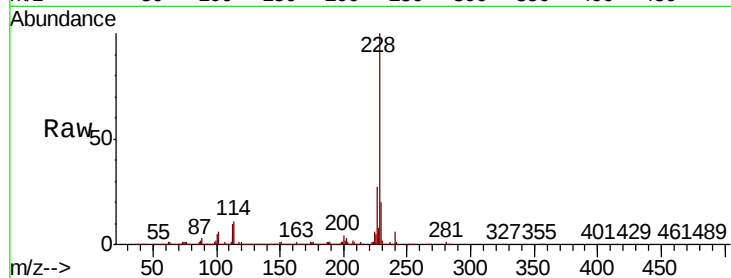
226 26.9 21.9 32.9

229 20.1 15.9 23.9

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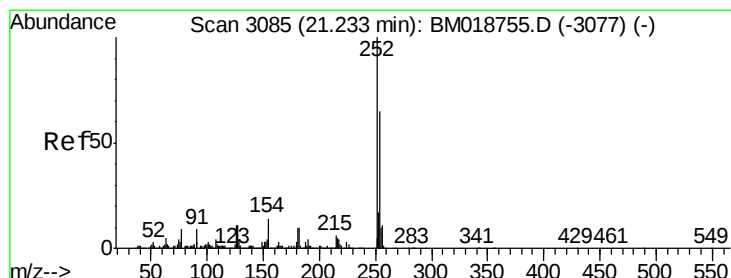
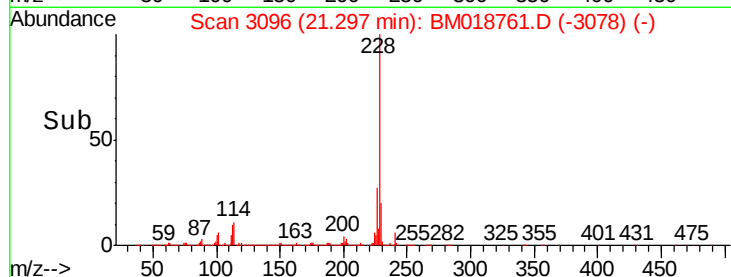
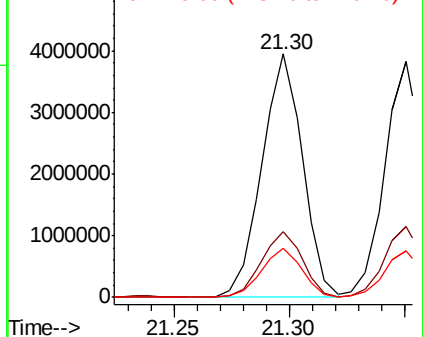


Abundance

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: 45.448 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

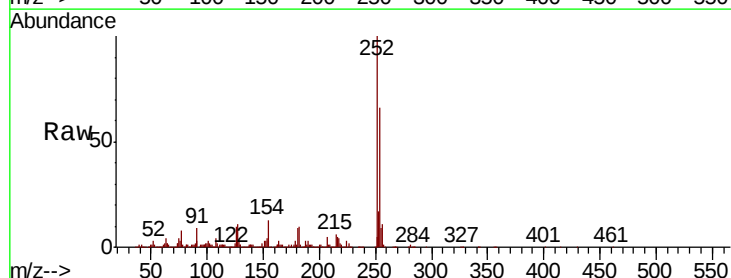
Tgt Ion:252 Resp: 1910813

Ion Ratio Lower Upper

252 100

254 65.9 51.8 77.8

126 10.4 9.1 13.7

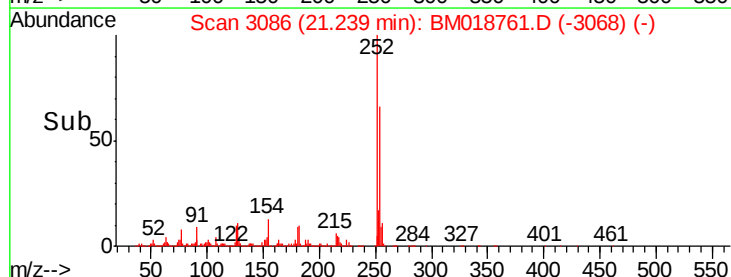
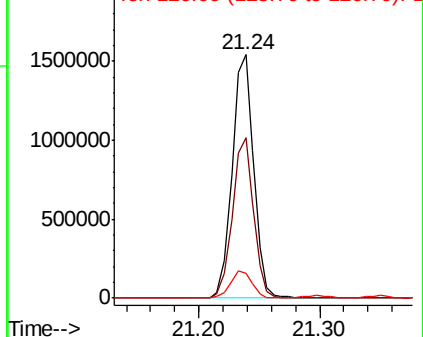


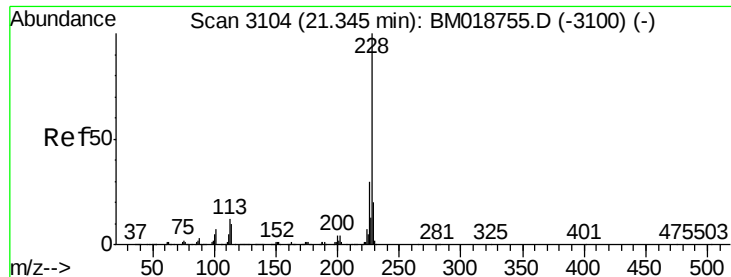
Abundance

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





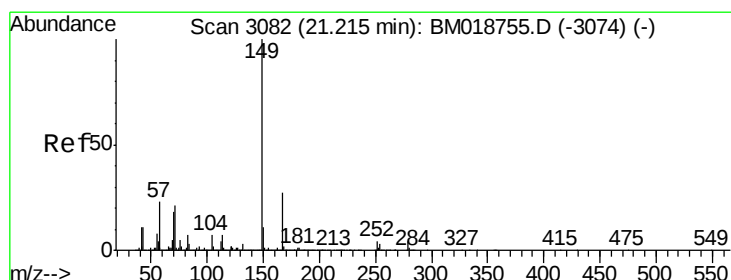
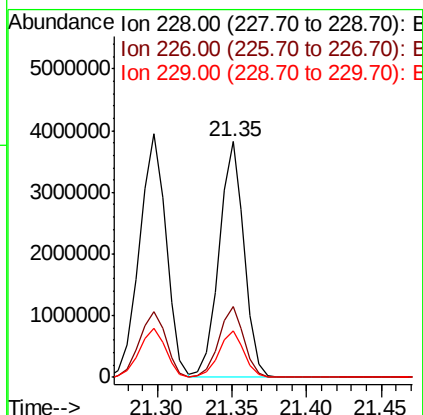
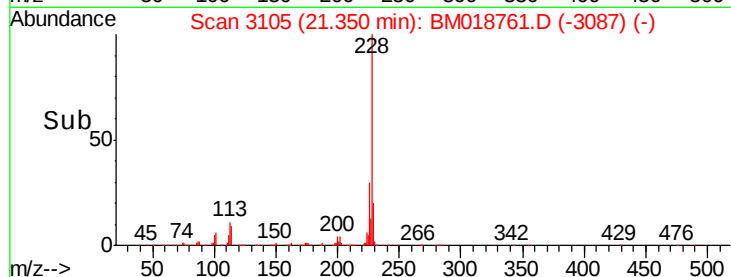
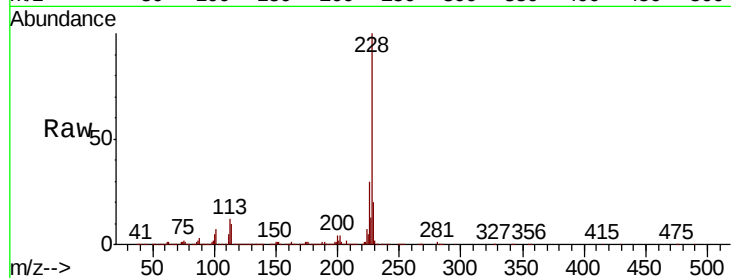
#83
Chrysene
Concen: 44.013 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampled :
PB116995BSD

Tot Ion:228 Resp: 4487776
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.7 16.0 24.0

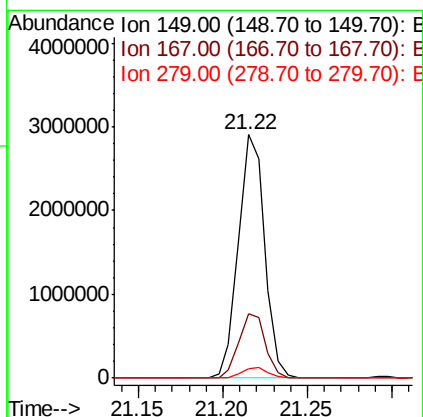
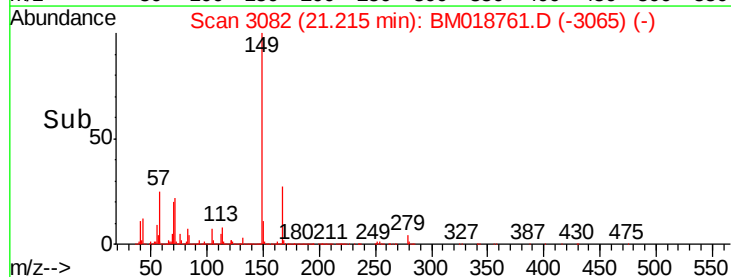
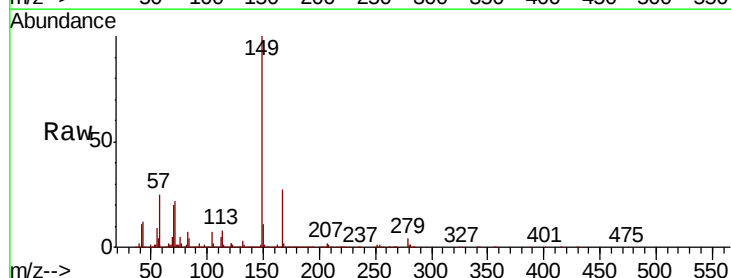
Manual Integrations
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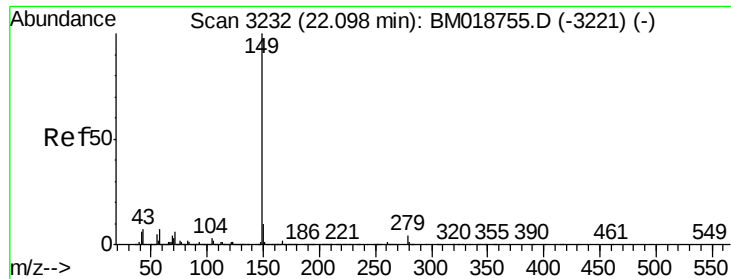
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.394 ng
RT: 21.22 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion:149 Resp: 3138682
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.6
279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.005 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion:149 Resp: 5466698

Ion Ratio Lower Upper

149 100

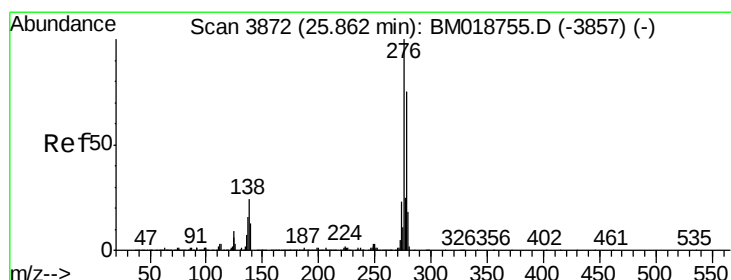
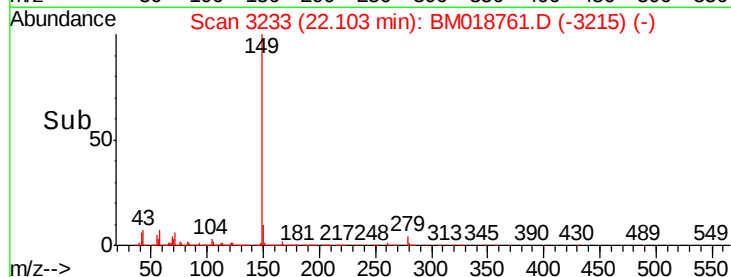
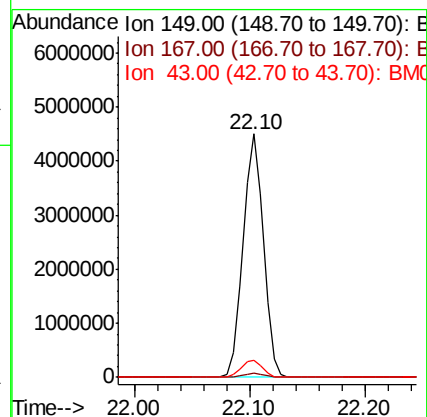
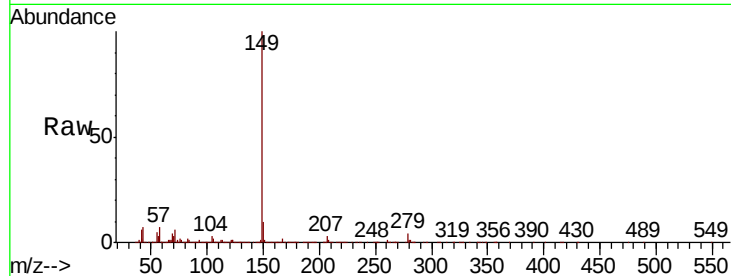
167 1.6 1.3 1.9

43 7.3 6.0 9.0

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.322 ng

RT: 25.87 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

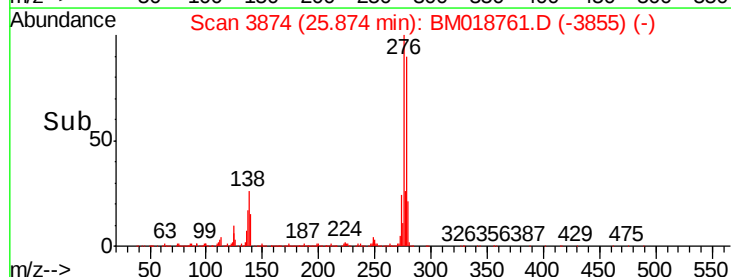
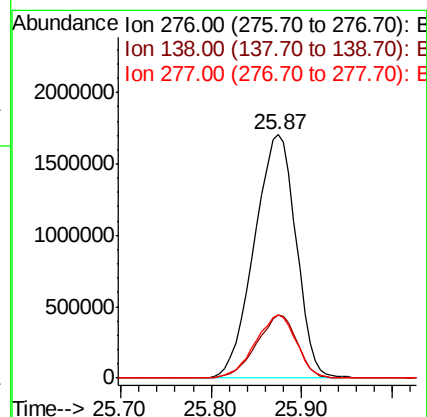
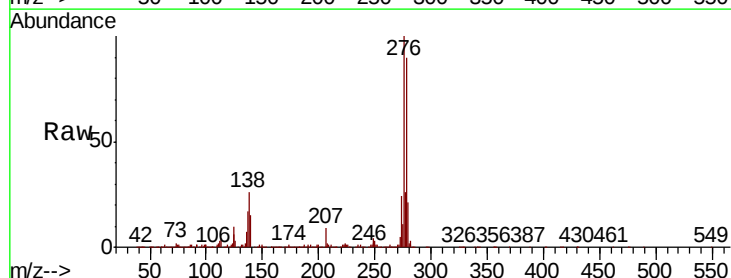
Tgt Ion:276 Resp: 5453248

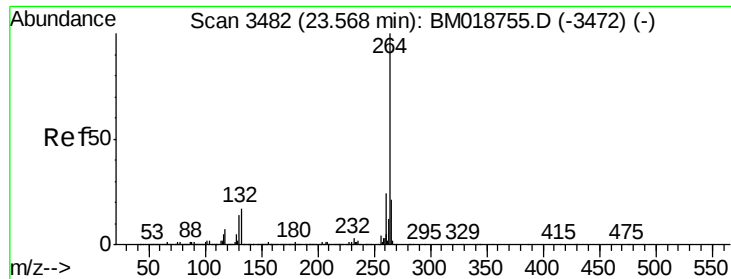
Ion Ratio Lower Upper

276 100

138 25.1 20.2 30.4

277 25.5 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

Instrument :

BNA_M

ClientSampleId :

PB116995BSD

Tot Ion:264 Resp: 1900612

Ion Ratio Lower Upper

264 100

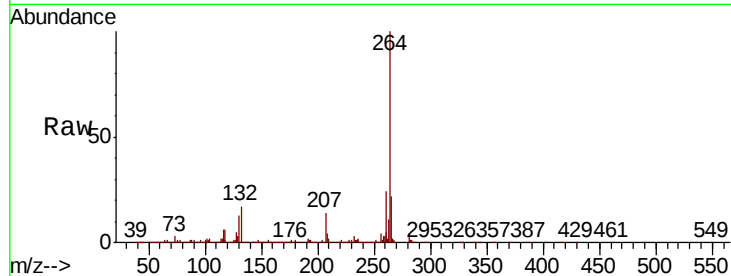
260 24.0 18.9 28.3

265 22.2 17.3 25.9

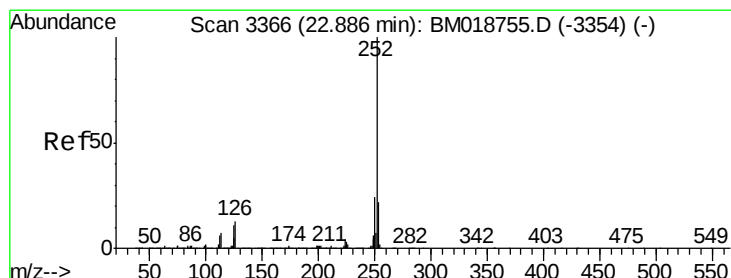
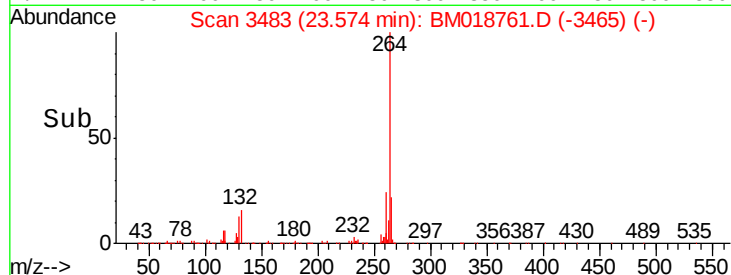
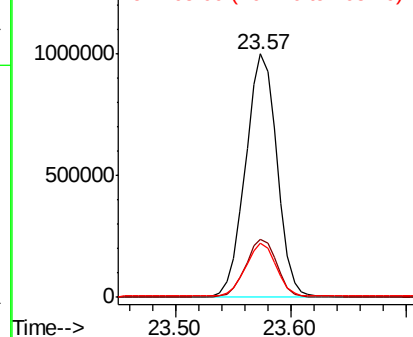
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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.274 ng

RT: 22.89 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BM018761.D

Acq: 11 Feb 2019 17:17

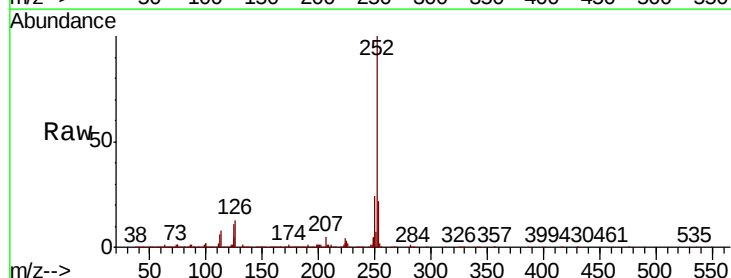
Tgt Ion:252 Resp: 4923169

Ion Ratio Lower Upper

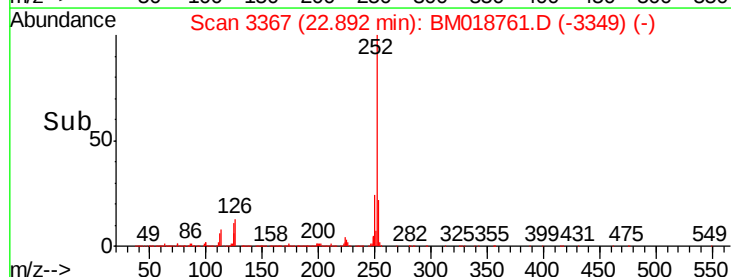
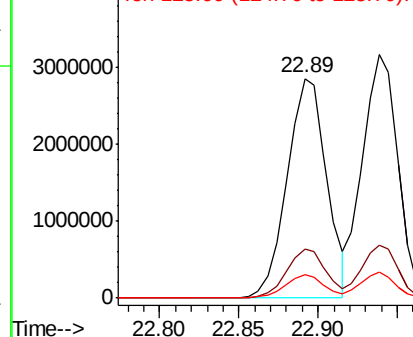
252 100

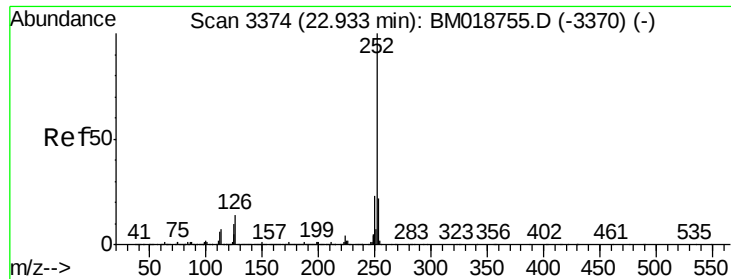
253 22.3 17.8 26.6

125 10.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





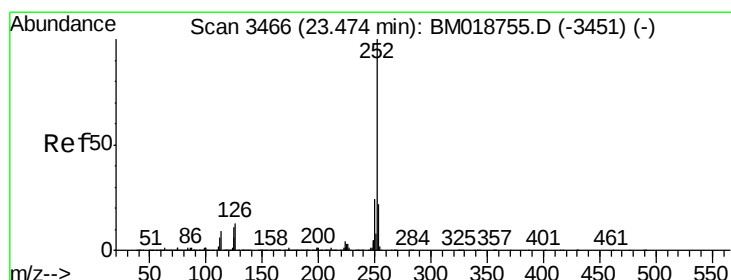
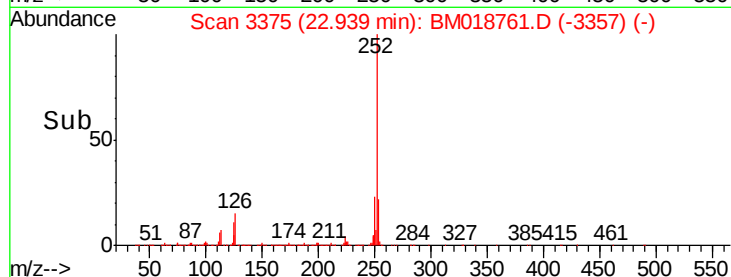
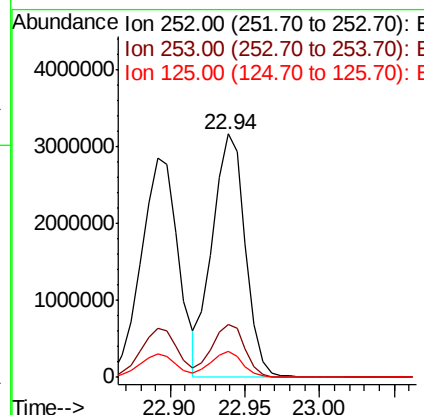
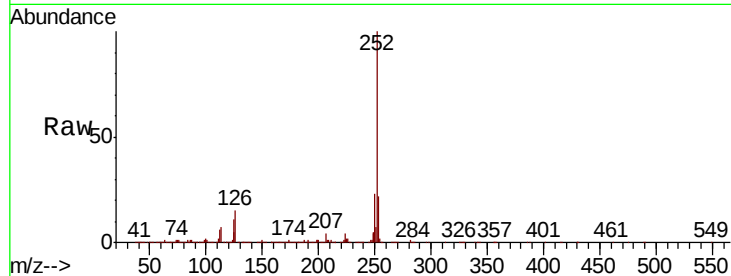
#89
Benzo(k)fluoranthene
Concen: 44.998 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.6	8.2	12.4

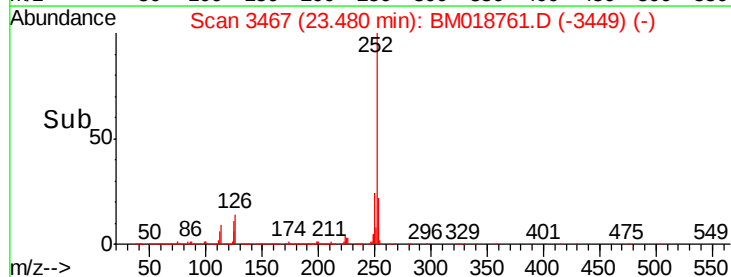
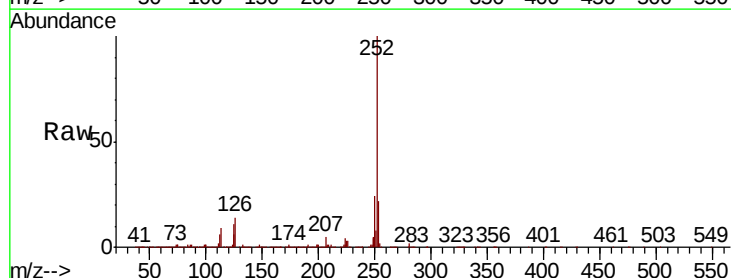
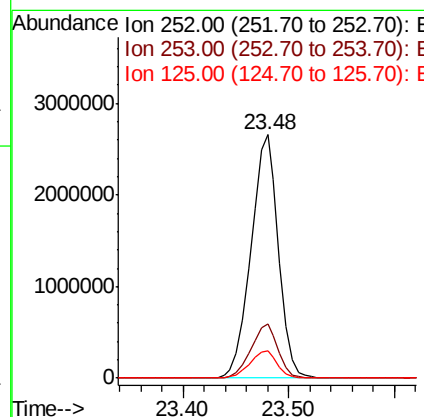
Manual Integrations
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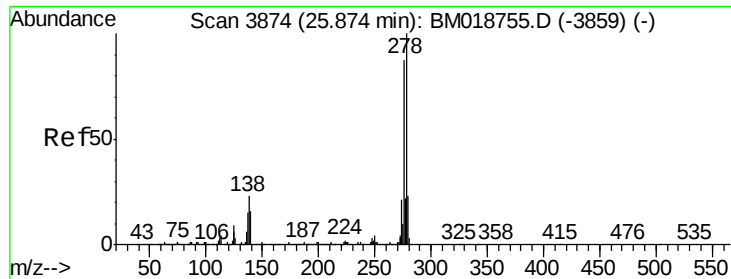
Sohil
2/12/2019 12:11:52 PM



#90
Benzo(a)pyrene
Concen: 46.419 ng
RT: 23.48 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.3	8.6	13.0





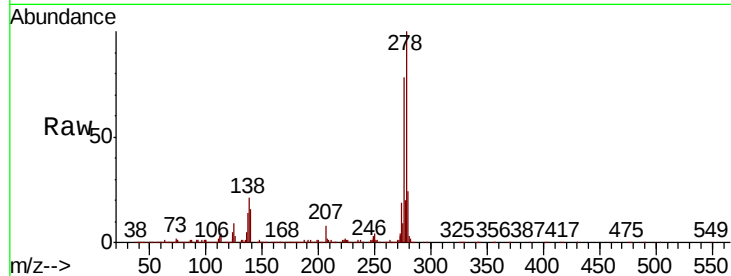
#91
Dibenzo(a,h)anthracene
Concen: 45.266 ng
RT: 25.89 min Scan# 3876
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Instrument :
BNA_M
ClientSampleId :
PB116995BSD

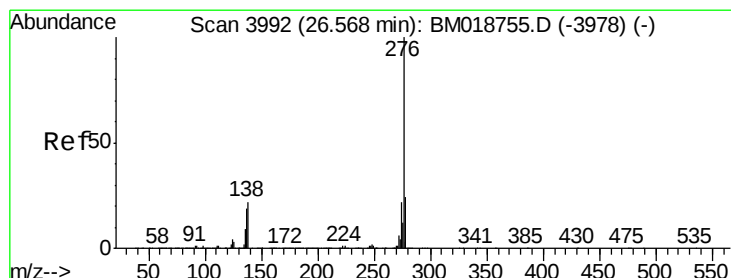
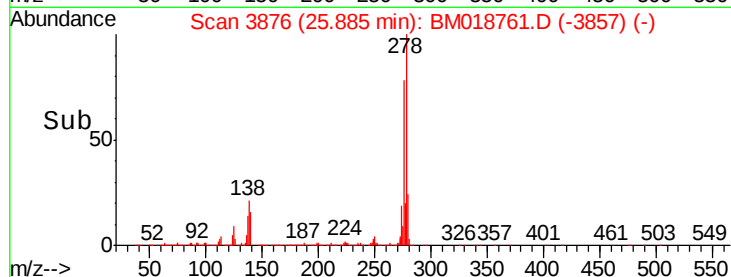
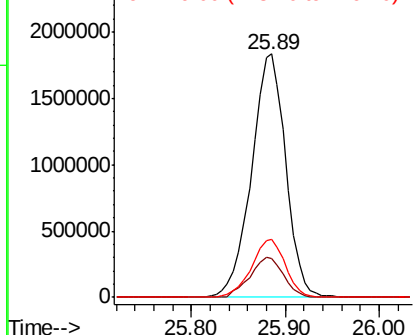
Tot Ion:278 Resp: 4619788
Ion Ratio Lower Upper
278 100
139 15.7 12.6 18.8
279 23.7 18.6 28.0

Manual Integrations
APPROVED

Sohil
2/12/2019 12:11:52 PM

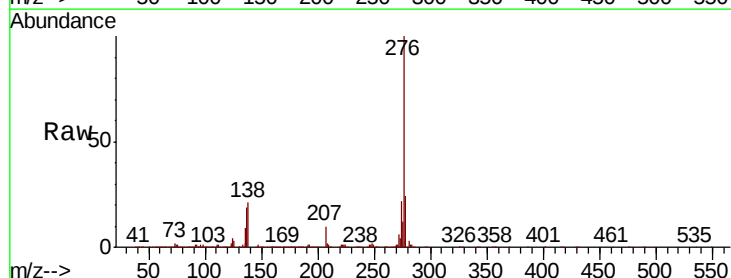


Abundance Ion 278.00 (277.70 to 278.70): E
2500000
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 45.273 ng
RT: 26.58 min Scan# 3994
Delta R.T. 0.01 min
Lab File: BM018761.D
Acq: 11 Feb 2019 17:17

Tgt Ion:276 Resp: 4301590
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 21.1 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E
1500000
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

