

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018772.D
 Acq On : 12 Feb 2019 14:46
 Operator : JU/SJ
 Sample : PB117038BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Manual Integrations
 APPROVED

Sohil
 2/13/2019 12:20:42 PM

Quant Time: Feb 13 02:40:32 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	310155	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1303756	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	761874	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1773088	20.00	ng	0.00
76) Chrysene-d12	21.32	240	1998976	20.00	ng	0.00
87) Perylene-d12	23.57	264	1901089	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2714699	143.41	ng	0.00
7) Phenol-d6	6.90	99	3879634	145.48	ng	0.01
23) Nitrobenzene-d5	8.89	82	2030032	72.00	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	1723221	156.91	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	4065626	70.84	ng	0.00
79) Terphenyl-d14	19.75	244	7591537	78.34	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.26	88	339933	41.231	ng	100
3) Pyridine	3.66	79	1056989	47.000	ng	99
4) n-Nitrosodimethylamine	3.58	42	295040	51.570	ng	94
6) Aniline	7.06	93	1478108	45.239	ng	100
8) 2-Chlorophenol	7.28	128	892485	42.943	ng	97
9) Benzaldehyde	6.87	77	810272	65.845	ng	99
10) Phenol	6.92	94	1224024	43.623	ng	100
11) bis(2-Chloroethyl)ether	7.16	93	905219	42.292	ng	97
12) 1,3-Dichlorobenzene	7.60	146	969029	41.466	ng	98
13) 1,4-Dichlorobenzene	7.75	146	988083	41.532	ng	100
14) 1,2-Dichlorobenzene	8.06	146	951383	41.631	ng	98
15) Benzyl Alcohol	7.97	79	933877	44.073	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	856677	41.354	ng	98
17) 2-Methylphenol	8.16	107	782488	43.816	ng	99
18) Hexachloroethane	8.78	117	368180	42.394	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	895936	43.392	ng	99
20) 3+4-Methylphenols	8.49	107	1080106	43.799	ng	99
22) Acetophenone	8.55	105	1471416	41.097	ng	# 99
24) Nitrobenzene	8.93	77	1240581	42.387	ng	100
25) Isophorone	9.45	82	2244306	49.885	ng	99
26) 2-Nitrophenol	9.63	139	505102	43.336	ng	99
27) 2,4-Dimethylphenol	9.69	122	832373	48.895	ng	97
28) bis(2-Chloroethoxy)methane	9.93	93	1284629	44.156	ng	100
29) 2,4-Dichlorophenol	10.16	162	860088	44.001	ng	100
30) 1,2,4-Trichlorobenzene	10.37	180	934847	41.412	ng	98
31) Naphthalene	10.56	128	2848461	44.797	ng	100
32) Benzoic acid	9.85	122	583288	39.279	ng	96
33) 4-Chloroaniline	10.68	127	1256583	44.209	ng	99
34) Hexachlorobutadiene	10.82	225	517194	39.472	ng	100
35) Caprolactam	11.50	113	312835m	39.215	ng	
36) 4-Chloro-3-methylphenol	11.80	107	1033126	43.837	ng	99
37) 2-Methylnaphthalene	12.17	142	2089097	46.665	ng	99
38) 1-Methylnaphthalene	12.39	142	1989656	45.449	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1010373	41.457	ng	99

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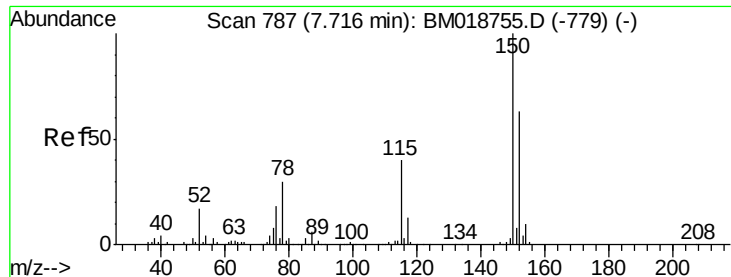
Manual Integrations
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 2/13/2019 12:20:42 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	1356738	108.883	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	714001	44.254	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	755543	44.679	ng	100
46) 1,1'-Biphenyl	13.19	154	2661689	40.587	ng	99
47) 2-Chloronaphthalene	13.24	162	2080269	41.069	ng	99
48) 2-Nitroaniline	13.46	65	747155	44.413	ng	97
49) Acenaphthylene	14.09	152	3433507	45.523	ng	99
50) Dimethylphthalate	13.83	163	2764246	43.535	ng	100
51) 2,6-Dinitrotoluene	13.96	165	606631	44.105	ng	99
52) Acenaphthene	14.43	154	1958261	42.343	ng	99
53) 3-Nitroaniline	14.30	138	651624	41.930	ng	99
54) 2,4-Dinitrophenol	14.50	184	772120	87.860	ng	98
55) Dibenzofuran	14.77	168	3207849	42.200	ng	100
56) 4-Nitrophenol	14.61	139	1092162	88.035	ng	99
57) 2,4-Dinitrotoluene	14.75	165	870014	45.909	ng	98
58) Fluorene	15.42	166	2635162	45.313	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.99	232	704436	47.127	ng	99
60) Diethylphthalate	15.20	149	2857834	43.633	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	1321568	40.532	ng	97
62) 4-Nitroaniline	15.47	138	661221	43.400	ng	98
63) Azobenzene	15.71	77	3047772	43.399	ng	99
65) 4,6-Dinitro-2-methylphenol	15.51	198	498784	40.066	ng	97
66) n-Nitrosodiphenylamine	15.63	169	2320294	41.420	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	800322	40.325	ng	99
68) Hexachlorobenzene	16.42	284	932498	40.423	ng	98
69) Atrazine	16.59	200	792230	43.867	ng	99
70) Pentachlorophenol	16.76	266	1234591	83.118	ng	99
71) Phenanthrene	17.16	178	4221085	44.298	ng	100
72) Anthracene	17.25	178	4319822	46.576	ng	99
73) Carbazole	17.53	167	4012744	41.412	ng	99
74) Di-n-butylphthalate	18.09	149	4947756	44.398	ng	100
75) Fluoranthene	19.18	202	4999243	45.419	ng	98
77) Benzidine	19.38	184	5846452	129.864	ng	99
78) Pyrene	19.54	202	5153779	44.391	ng	100
80) Butylbenzylphthalate	20.45	149	2407747	45.506	ng	98
81) Benzo(a)anthracene	21.30	228	5262910	45.166	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	2068894	44.925	ng	99
83) Chrysene	21.35	228	4831662	43.261	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	3495000	45.131	ng	99
85) Di-n-octyl phthalate	22.10	149	6029333	46.324	ng	100
86) Indeno(1,2,3-cd)pyrene	25.87	276	5172438	40.113	ng	100
88) Benzo(b)fluoranthene	22.89	252	5125426	47.122	ng	100
89) Benzo(k)fluoranthene	22.94	252	5053387	46.667	ng	100
90) Benzo(a)pyrene	23.47	252	4855014	47.118	ng	99
91) Dibenzo(a,h)anthracene	25.88	278	4441110	43.504	ng	99
92) Benzo(g,h,i)perylene	26.57	276	4062776	42.749	ng	100

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



#1

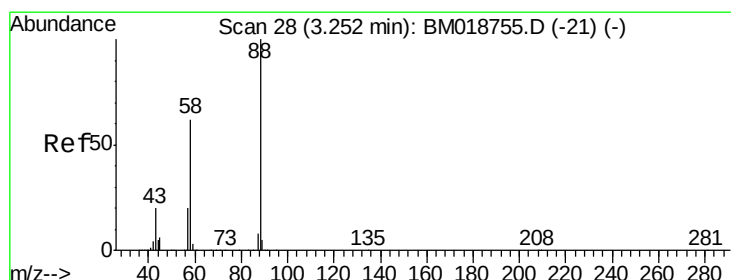
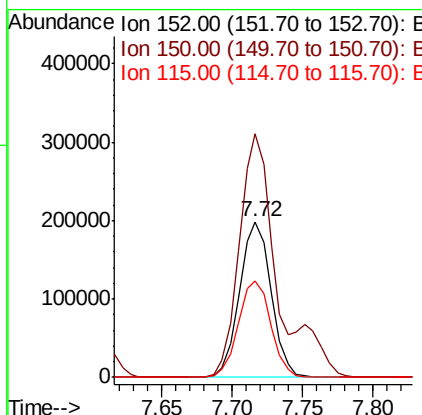
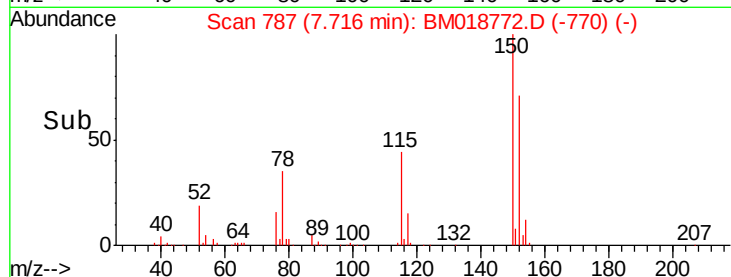
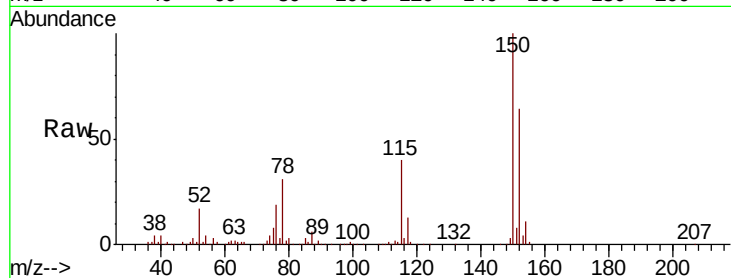
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.3	190.9
115	61.8	50.8	76.2

Manual Integrations
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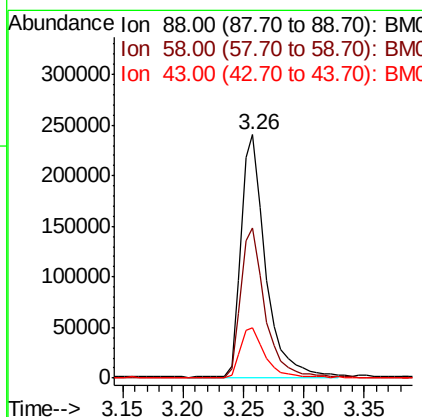
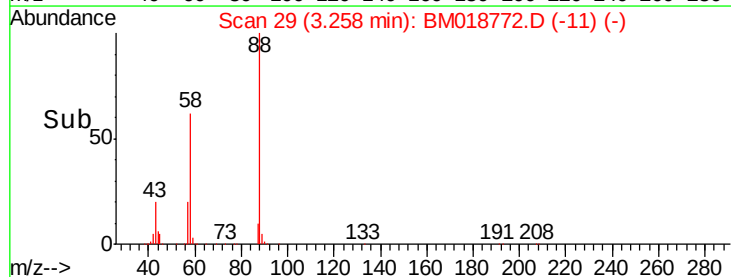
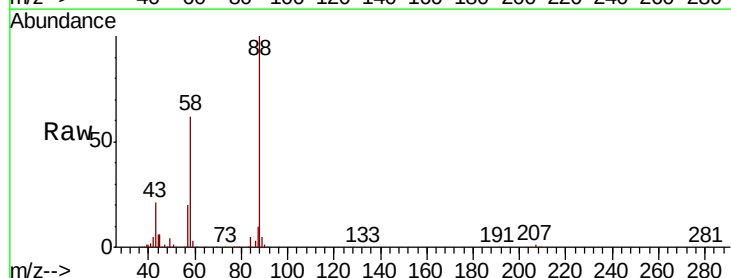
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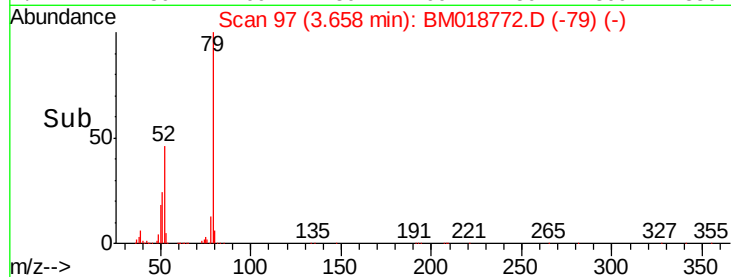
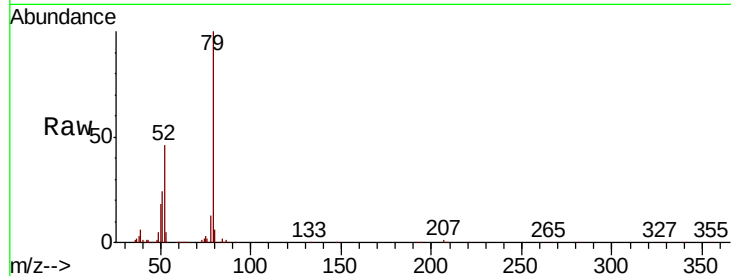
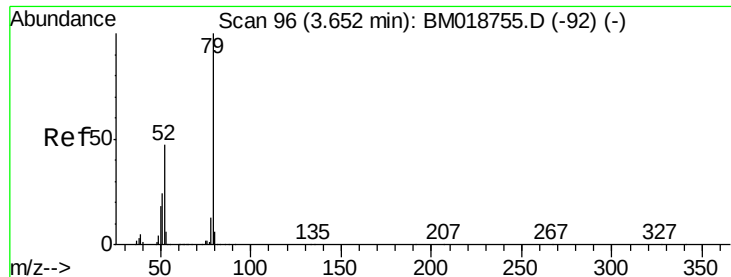


#2

1,4-Dioxane
Concen: 41.231 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.1	49.8	74.6
43	20.5	16.7	25.1





#3

Pvridine

Concen: 47.000 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Tot Ion: 79 Resp: 1056989

Ion Ratio Lower Upper

79 100

52 46.0 37.6 56.4

51 24.1 19.7 29.5

Instrument :

BNA_M

ClientSampleId :

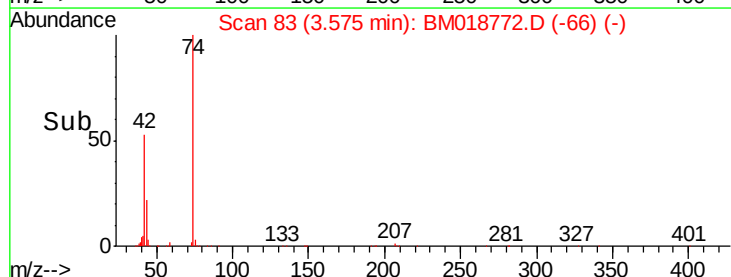
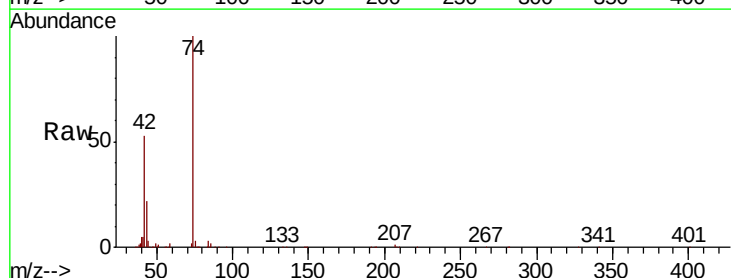
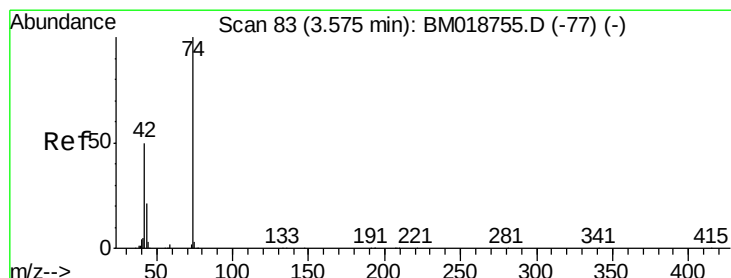
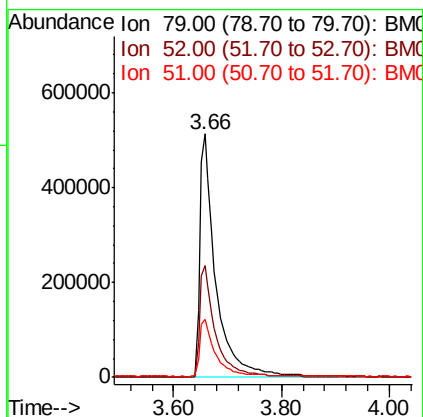
PB117038BS

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 51.570 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

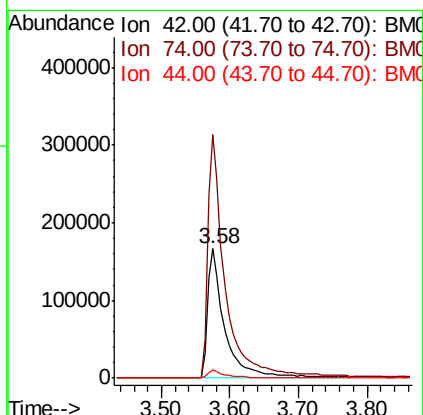
Tgt Ion: 42 Resp: 295040

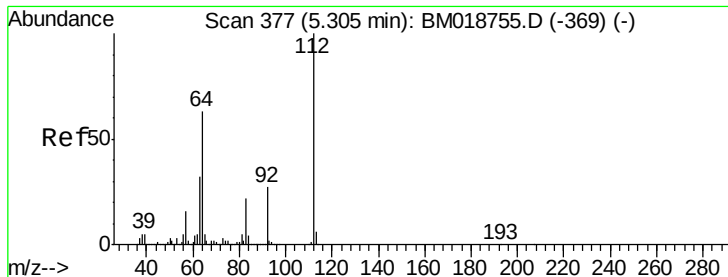
Ion Ratio Lower Upper

42 100

74 188.5 158.1 237.1

44 5.9 4.9 7.3





#5

2-Fluorophenol

Concen: 143.411 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:112 Resp: 2714699

Ion Ratio Lower Upper

112 100

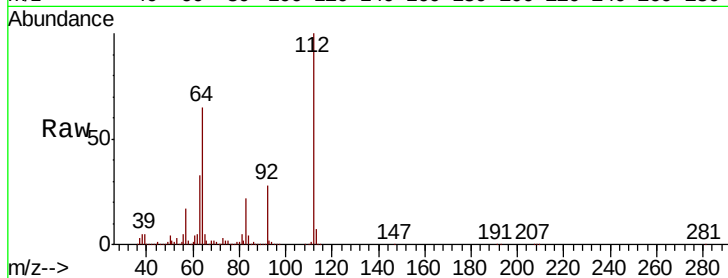
64 64.7 50.6 75.8

63 33.2 25.7 38.5

Manual Integrations
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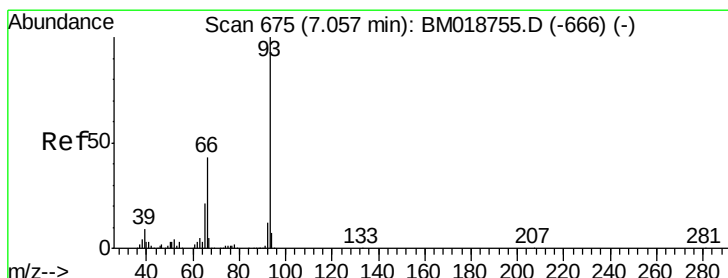
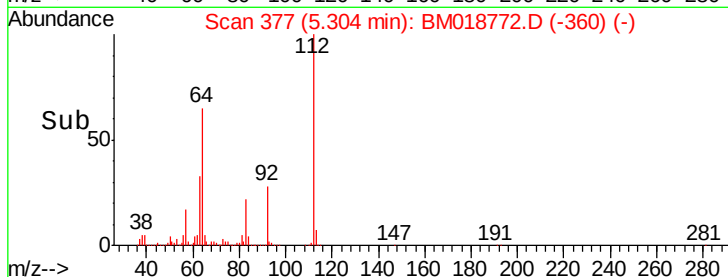
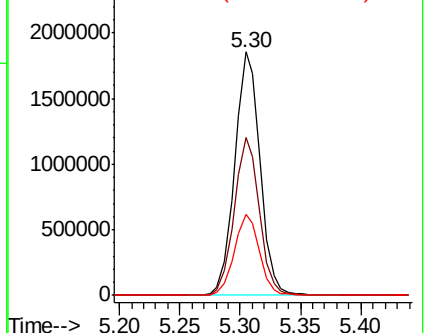
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 45.239 ng

RT: 7.06 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

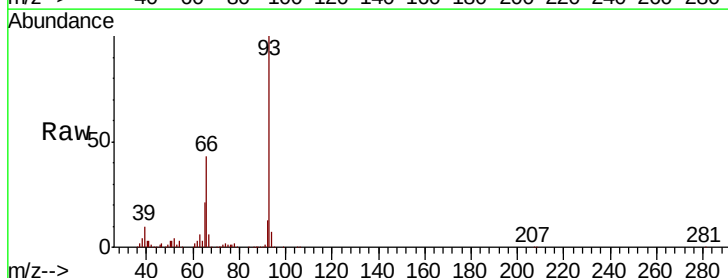
Tgt Ion: 93 Resp: 1478108

Ion Ratio Lower Upper

93 100

66 42.5 34.1 51.1

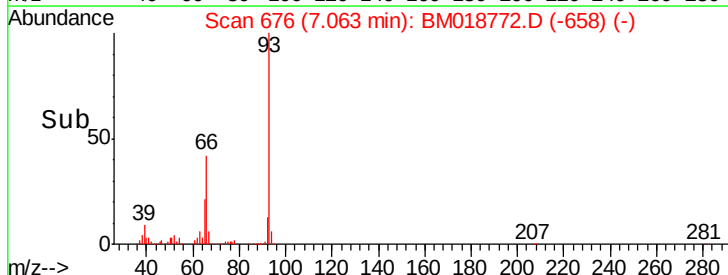
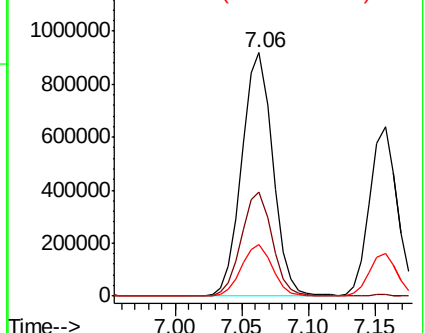
65 21.1 16.6 24.8

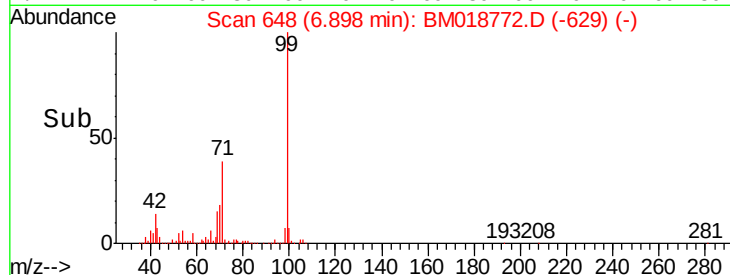
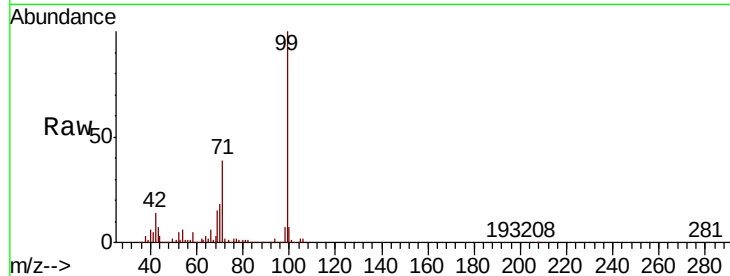
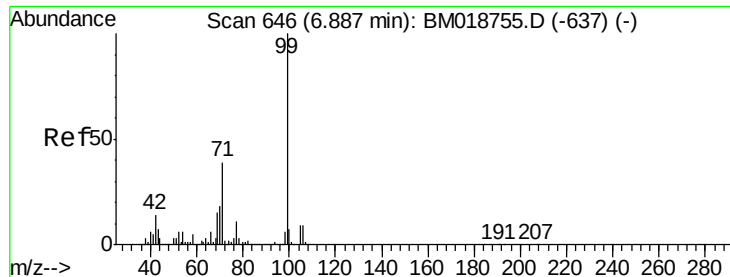


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 145.484 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Tot Ion:	99	Resp:	3879634
Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.0	16.6
71	39.1	31.3	46.9

Instrument :

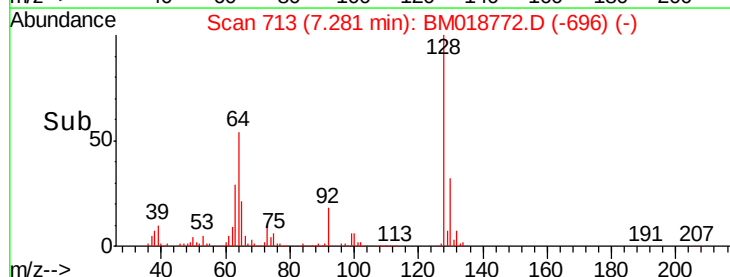
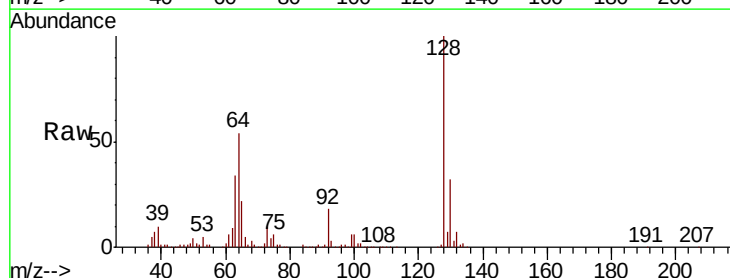
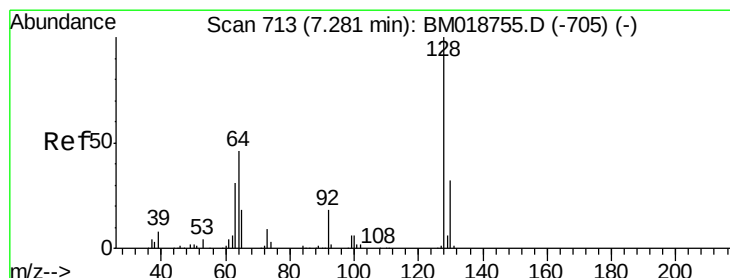
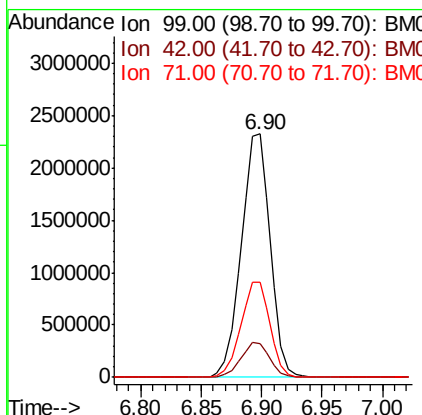
BNA_M

ClientSampleId :

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Manual Integrations
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#8

2-Chlorophenol

Concen: 42.943 ng

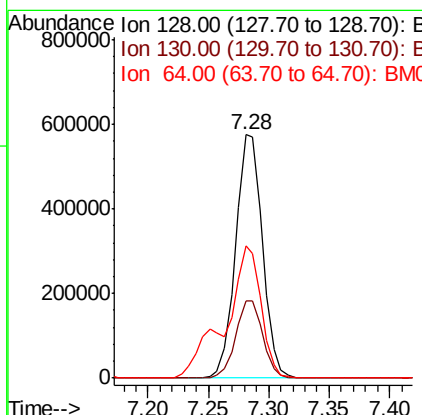
RT: 7.28 min Scan# 713

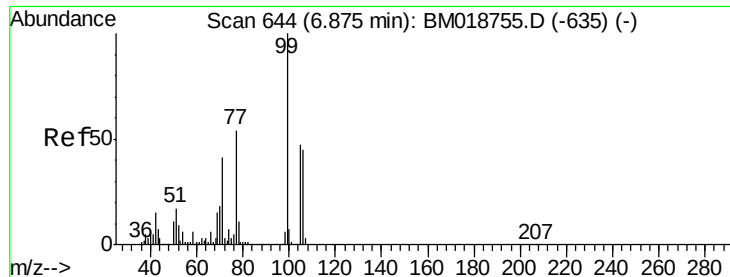
Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Tgt Ion:	128	Resp:	892485
Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.7	51.7
64	54.5	31.0	71.0





#9

Benzaldehyde

Concen: 65.845 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion: 77 Resp: 810272

Ion Ratio Lower Upper

77 100

105 85.9 67.3 107.3

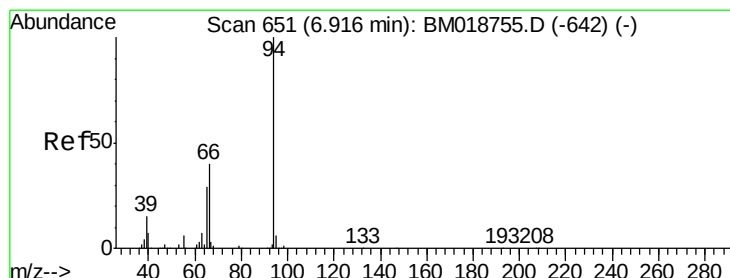
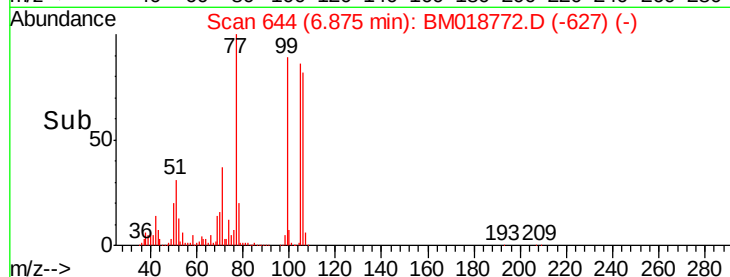
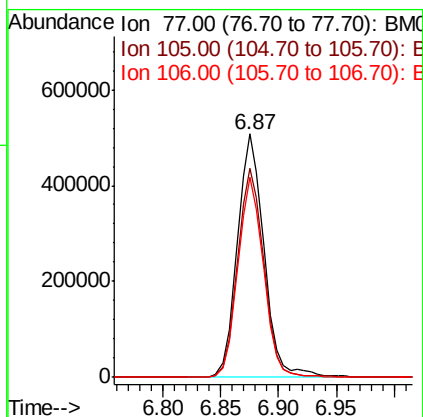
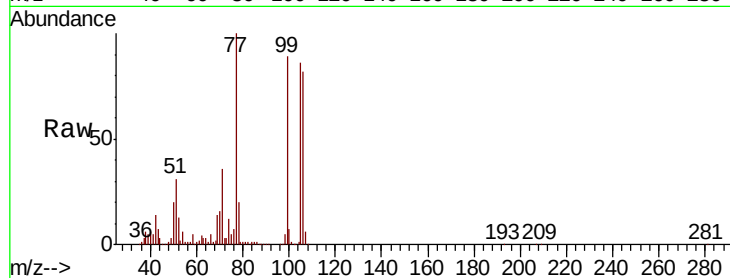
106 82.2 62.9 102.9

Manual Integrations

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2/13/2019 12:20:42 PM



#10

Phenol

Concen: 43.623 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

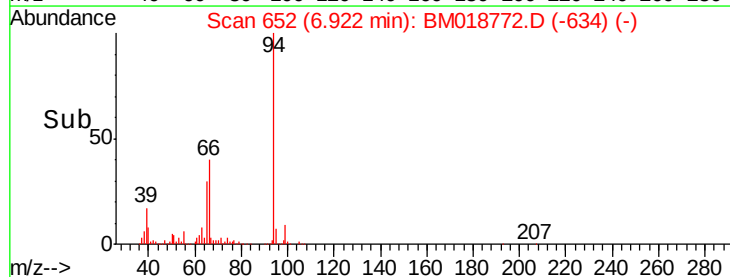
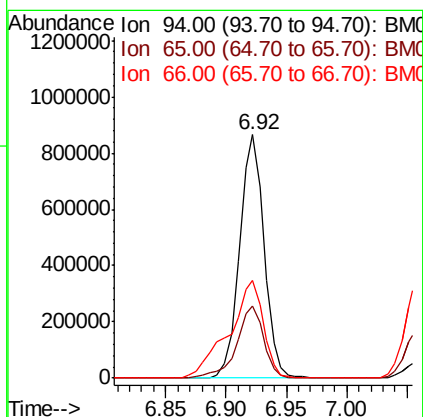
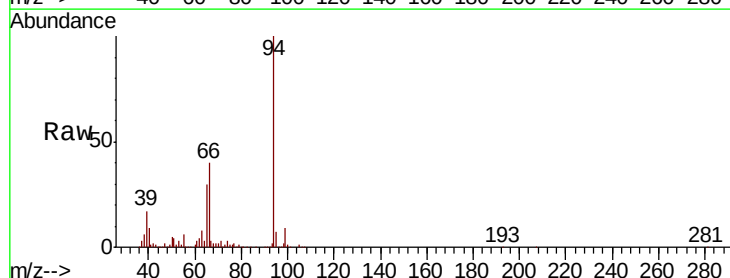
Tgt Ion: 94 Resp: 1224024

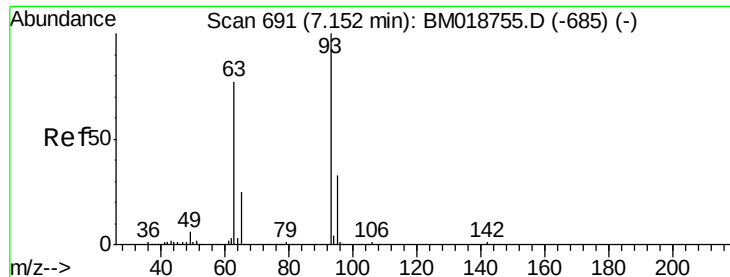
Ion Ratio Lower Upper

94 100

65 29.6 9.6 49.6

66 40.4 20.4 60.4





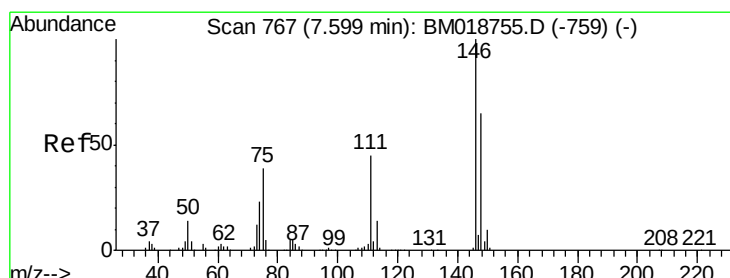
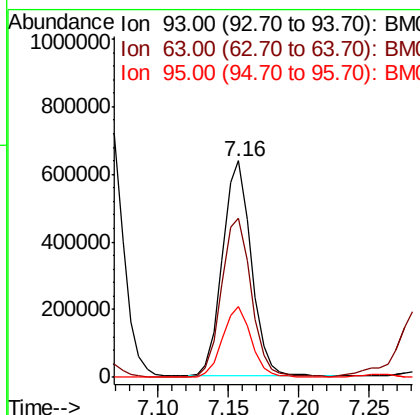
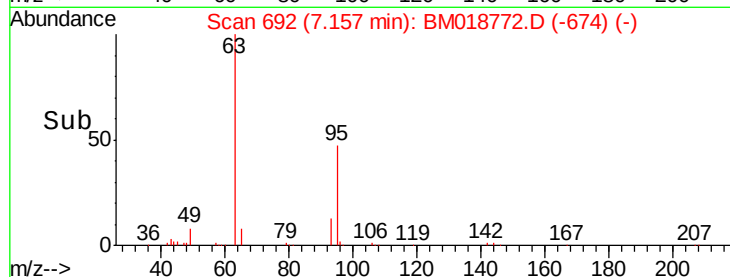
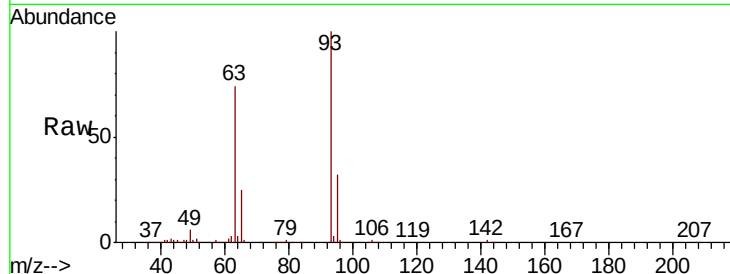
#11
bis(2-Chloroethyl)ether
Concen: 42.292 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.5	57.0	97.0	
95	32.5	12.4	52.4	

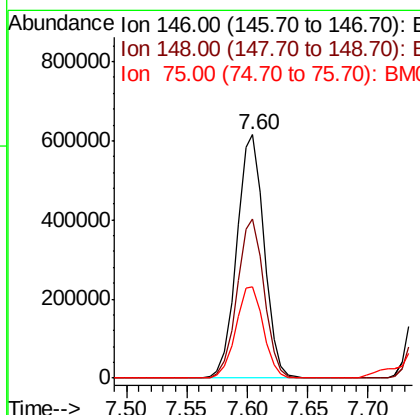
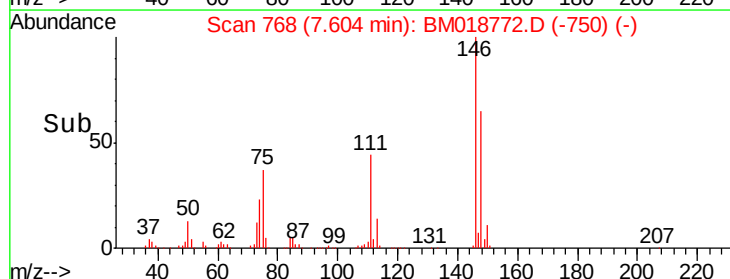
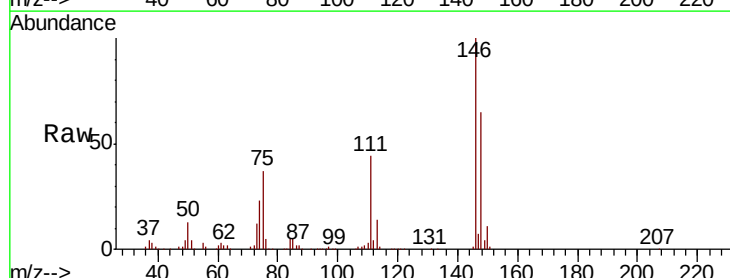
Manual Integrations
APPROVED

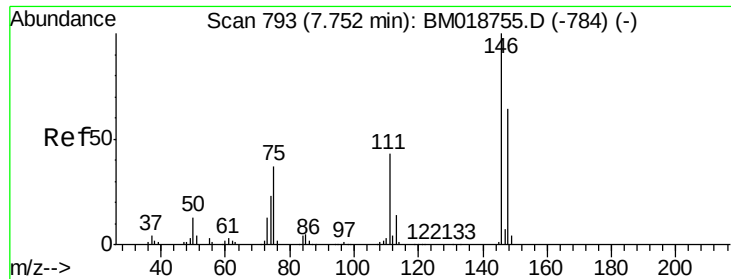
Sohil
2/13/2019 12:20:42 PM



#12
1,3-Dichlorobenzene
Concen: 41.466 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.3	51.7	77.5	
75	37.3	31.3	46.9	





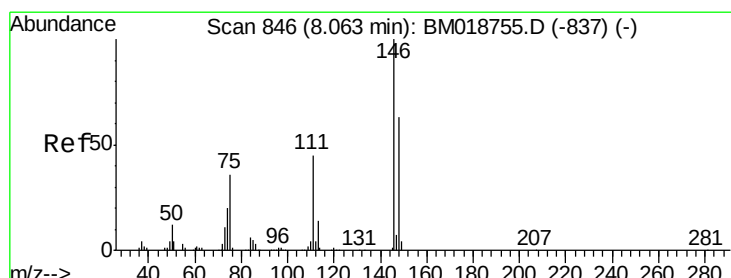
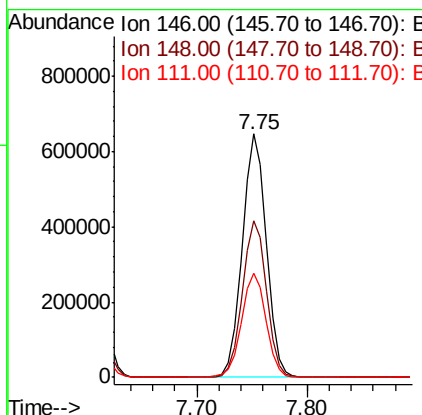
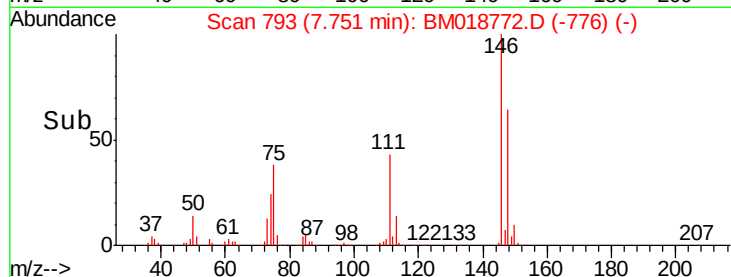
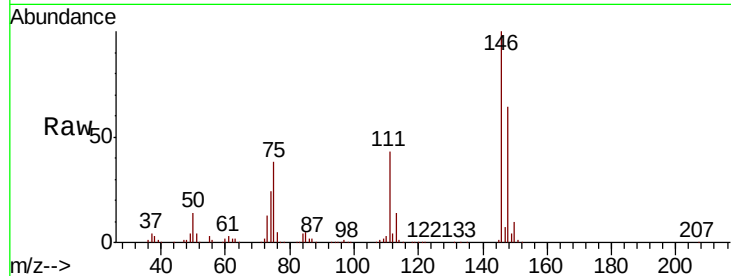
#13
1,4-Dichlorobenzene
Concen: 41.532 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
111	42.8	34.6	52.0

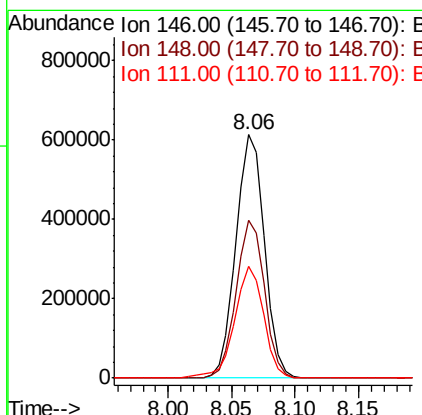
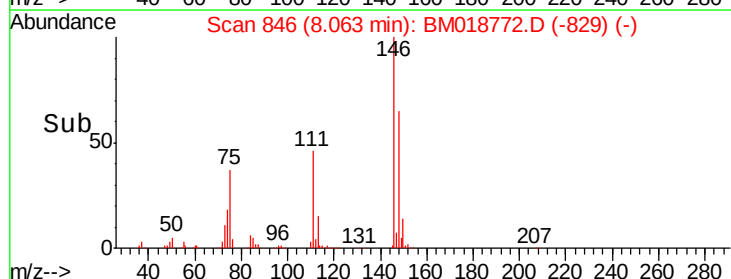
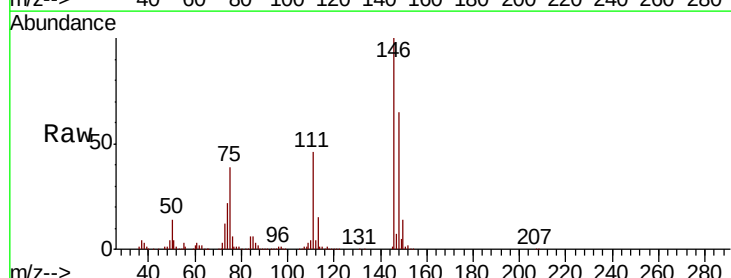
Manual Integrations
APPROVED

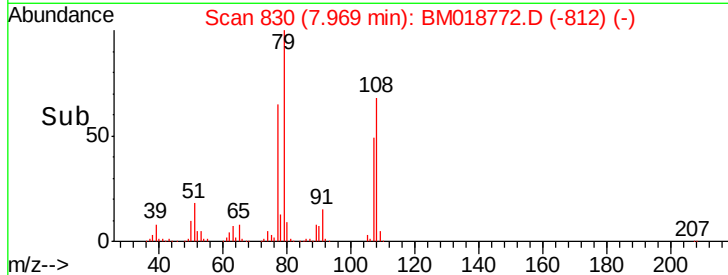
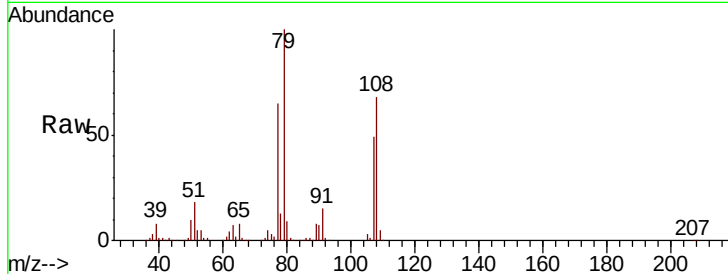
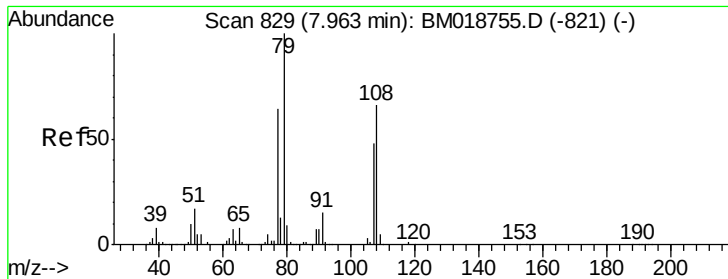
Sohil
2/13/2019 12:20:42 PM



#14
1,2-Dichlorobenzene
Concen: 41.631 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	45.8	35.9	53.9





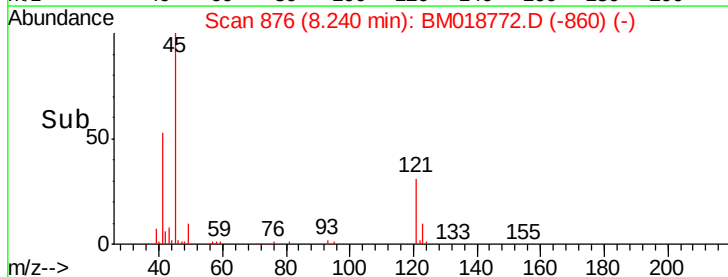
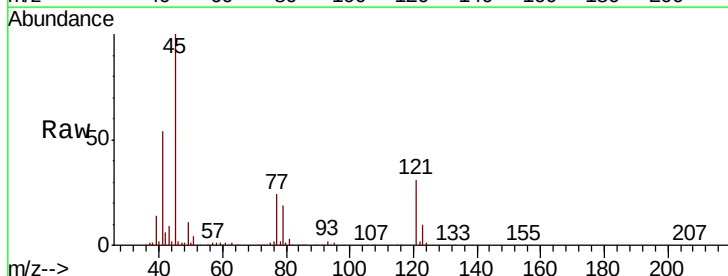
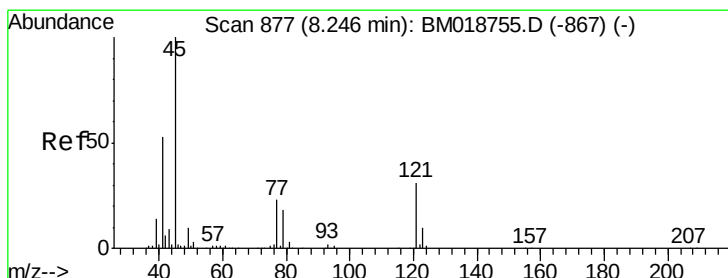
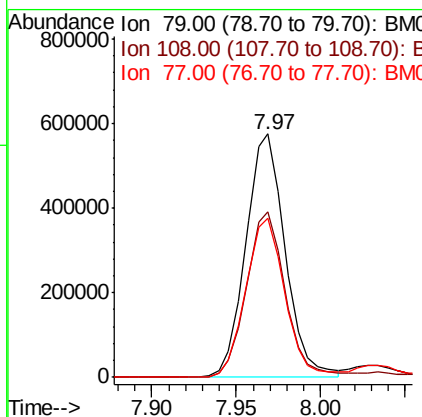
#15
Benzyl Alcohol
Concen: 44.073 ng
RT: 7.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.0	52.7	79.1
77	65.1	51.0	76.4

Instrument :
BNA_M
ClientSampleId :
PB117038BS

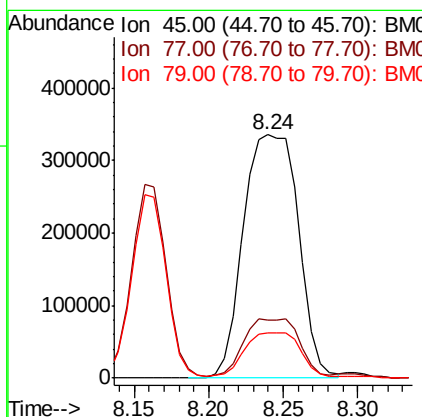
Manual Integrations
APPROVED

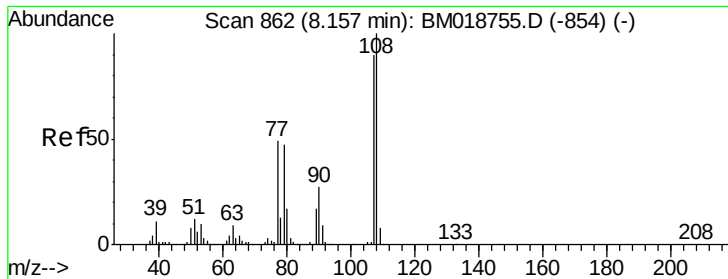
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.354 ng
RT: 8.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.0	5.0	45.0
79	18.7	0.0	39.3





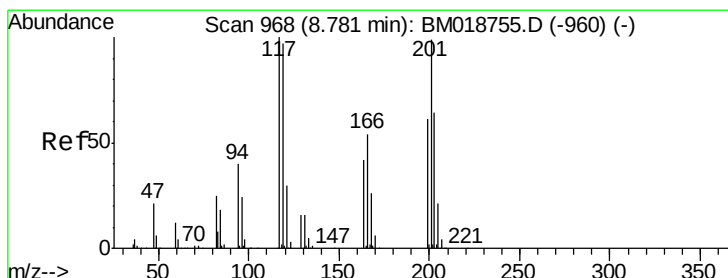
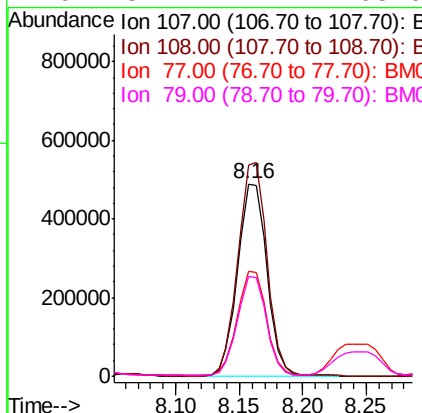
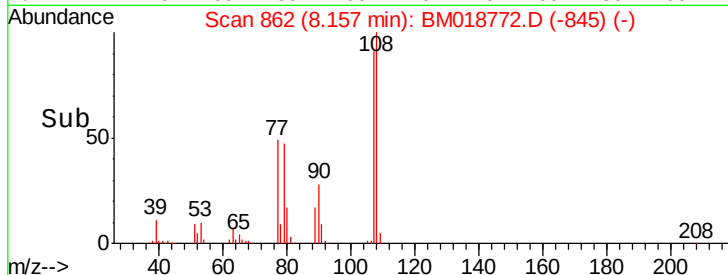
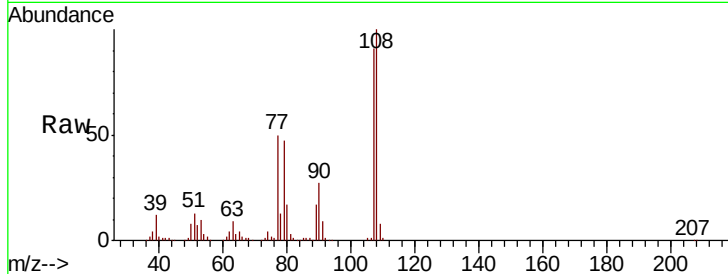
#17
2-Methylphenol
Concen: 43.816 ng
RT: 8.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	782488		
108	109.6		88.8	133.2
77	54.6		44.0	66.0
79	51.7		42.4	63.6

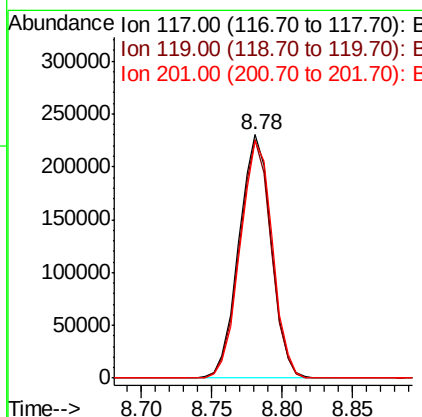
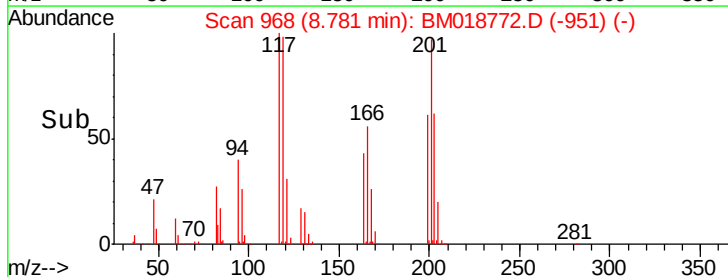
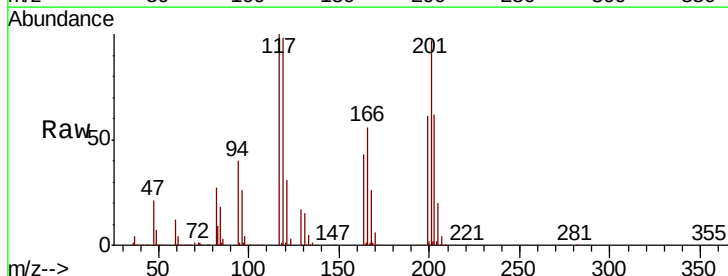
Manual Integrations
APPROVED

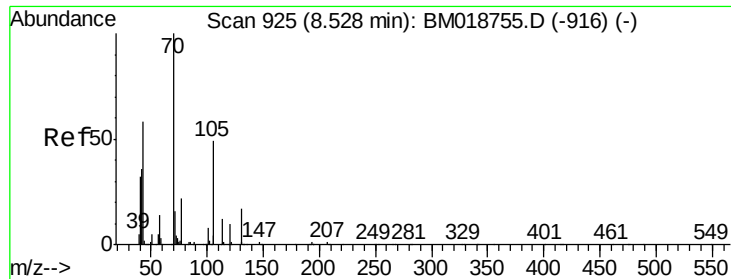
Sohil
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#18
Hexachloroethane
Concen: 42.394 ng
RT: 8.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	368180		
119	98.0		77.9	116.9
201	97.5		79.2	118.8





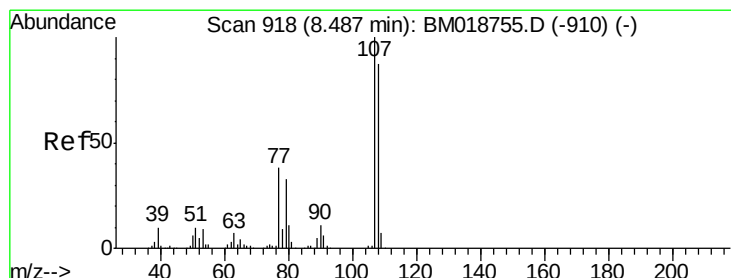
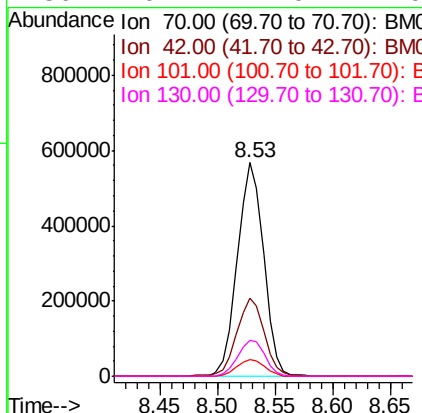
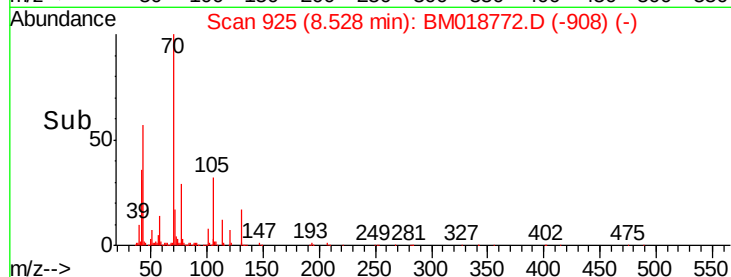
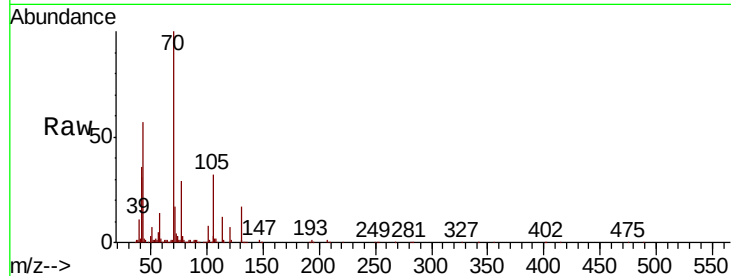
#19
n-Nitroso-di-n-propylamine
Concen: 43.392 ng
RT: 8.53 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	36.3	29.4	44.0		
101	7.9	6.7	10.1		
130	16.7	14.0	21.0		

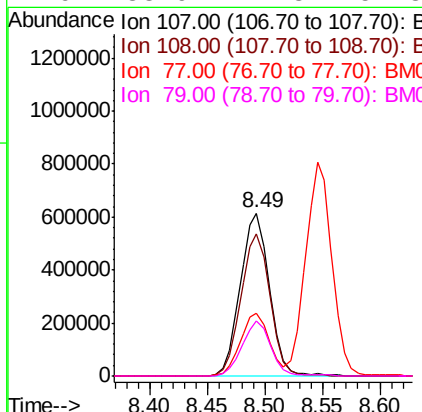
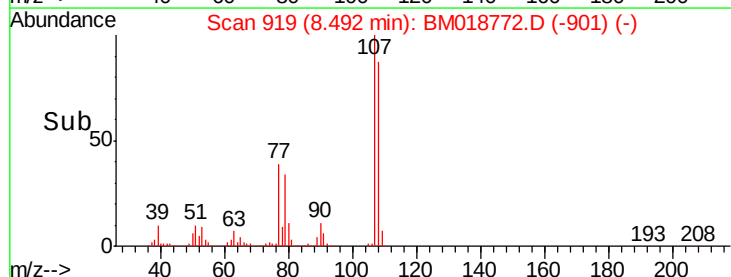
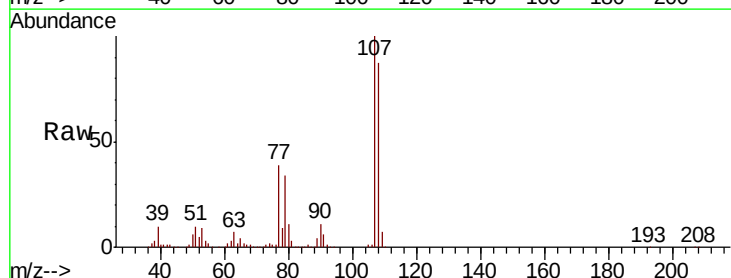
Manual Integrations
APPROVED

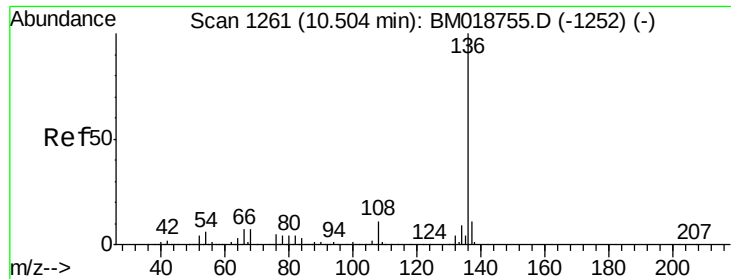
Sohil
2/13/2019 12:20:42 PM



#20
3+4-Methylphenols
Concen: 43.799 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.2	67.3	107.3		
77	38.8	18.0	58.0		
79	33.9	12.8	52.8		





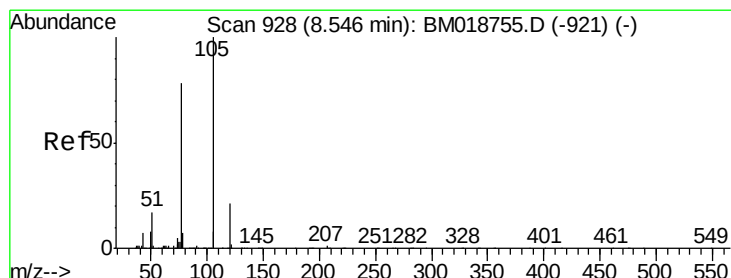
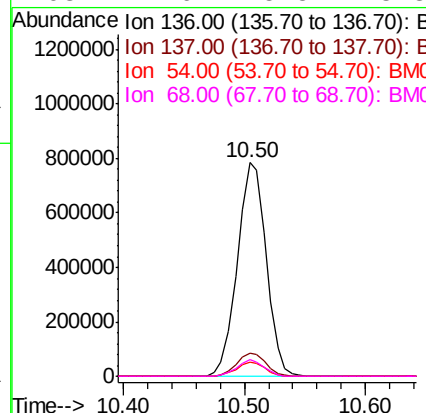
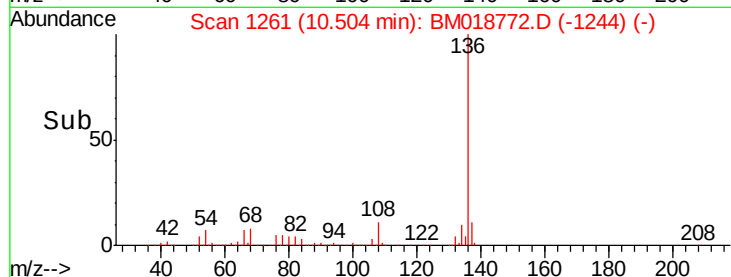
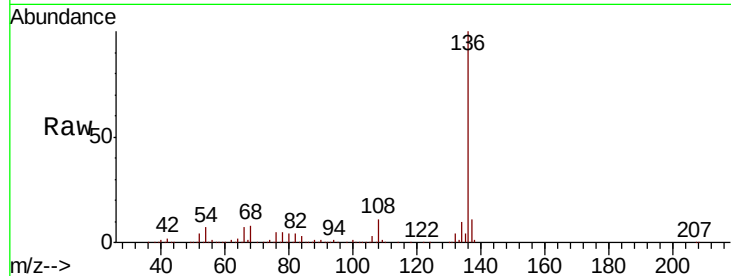
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.0	7.6
68	7.6	5.5	8.3

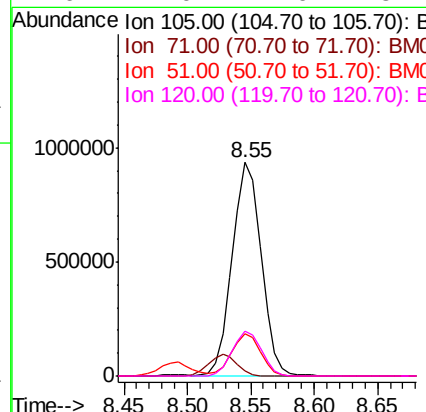
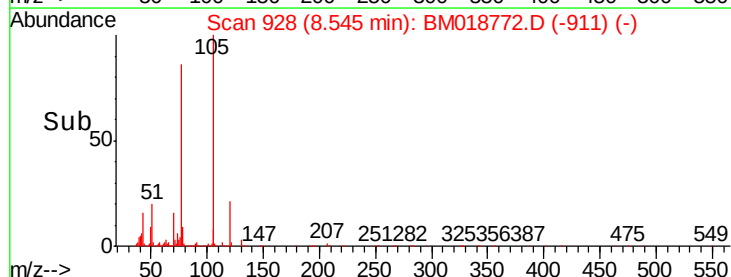
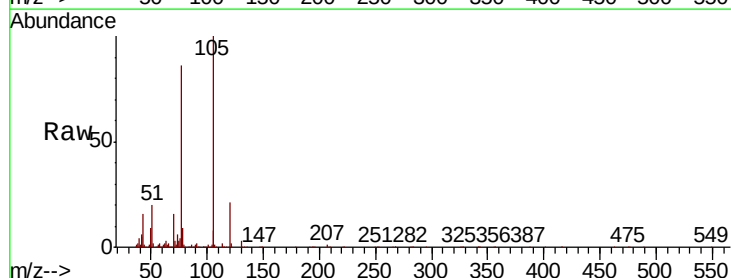
Manual Integrations
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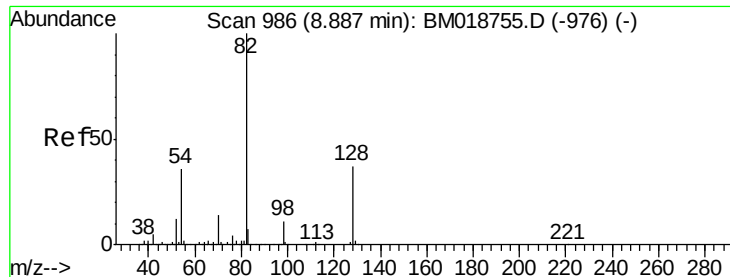
Sohil
2/13/2019 12:20:42 PM



#22
Acetophenone
Concen: 41.097 ng
RT: 8.55 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.6	1.1	1.7#
51	19.9	15.5	23.3
120	21.0	17.0	25.4





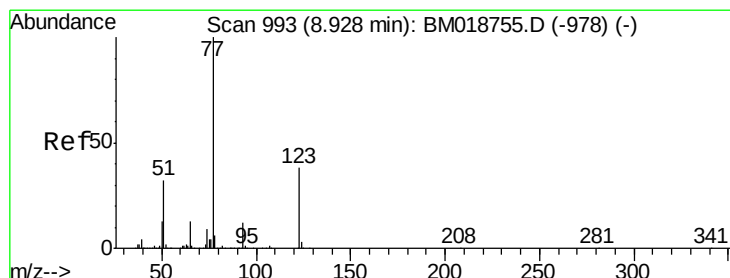
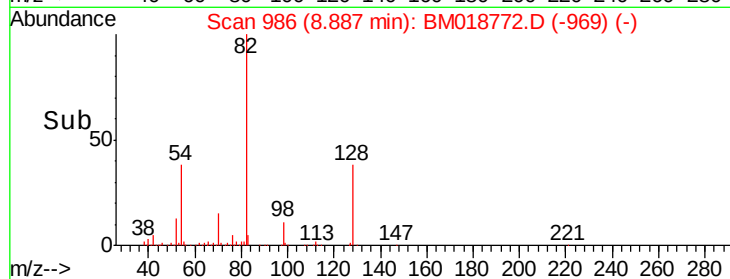
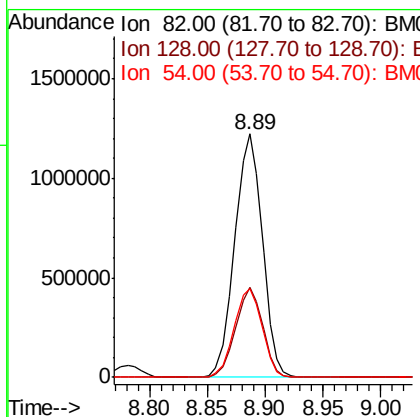
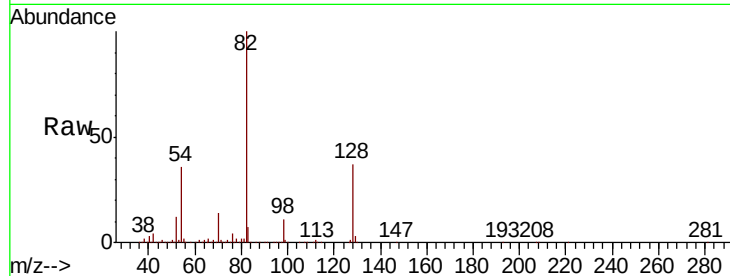
#23
 Nitrobenzene-d5
 Concen: 71.997 ng
 RT: 8.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.9	44.9
54	36.5	29.1	43.7

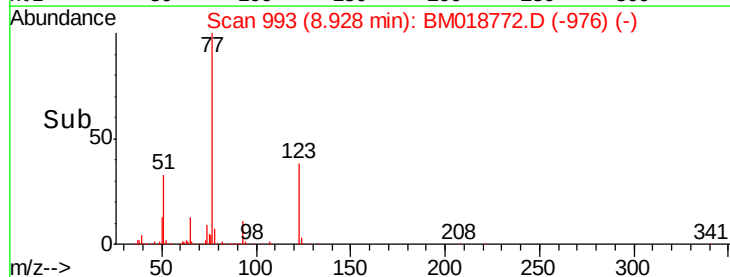
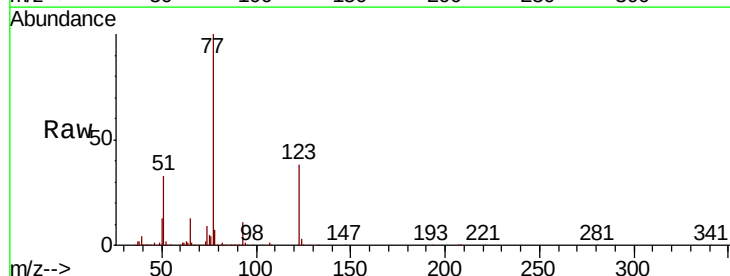
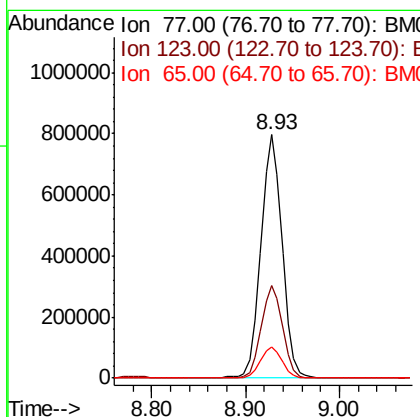
Manual Integrations
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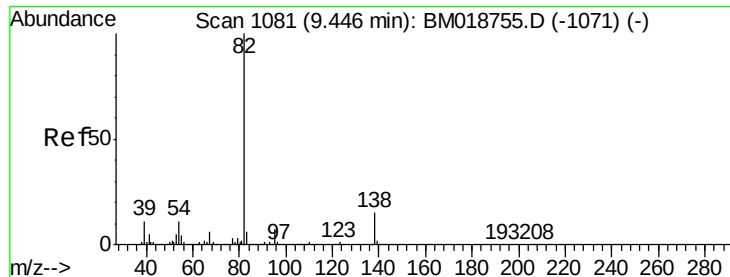
Sohil
 2/13/2019 12:20:42 PM



#24
 Nitrobenzene
 Concen: 42.387 ng
 RT: 8.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.2	30.7	46.1
65	13.0	10.5	15.7





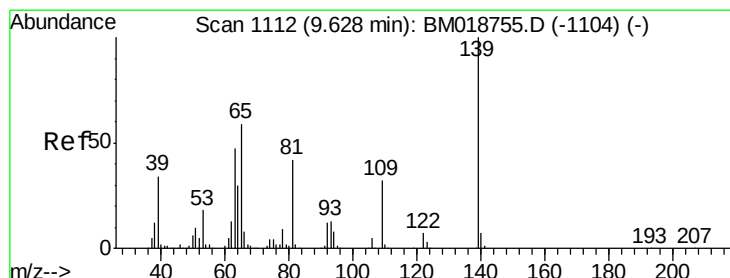
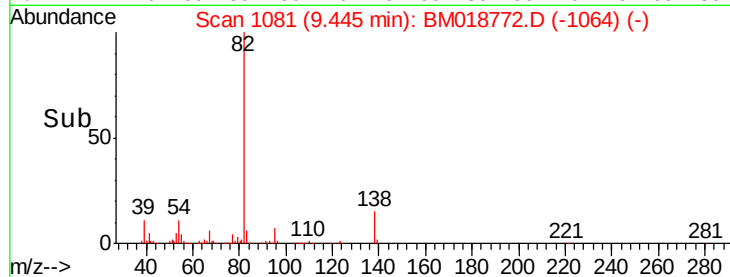
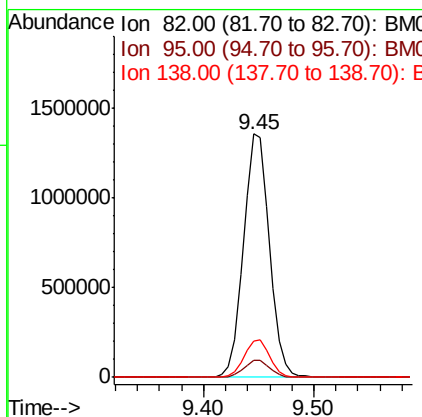
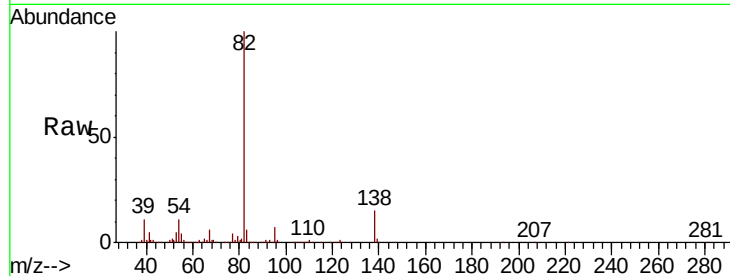
#25
Isophorone
Concen: 49.885 ng
RT: 9.45 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.7	8.5
138	15.1	12.3	18.5

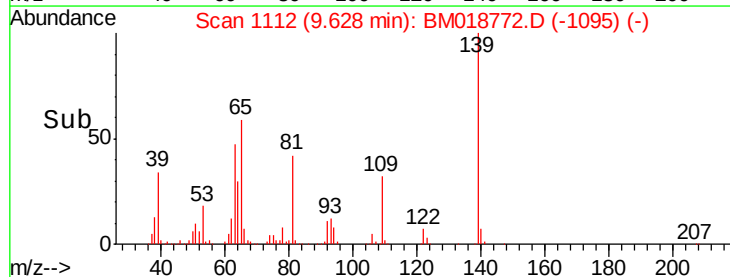
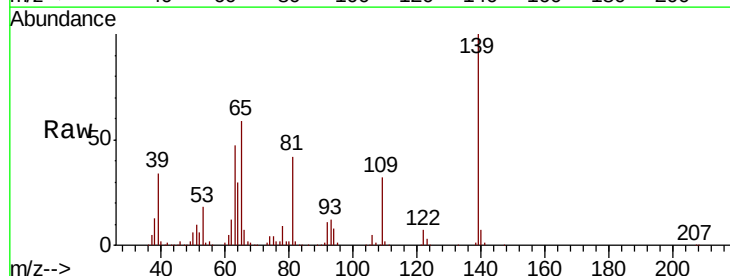
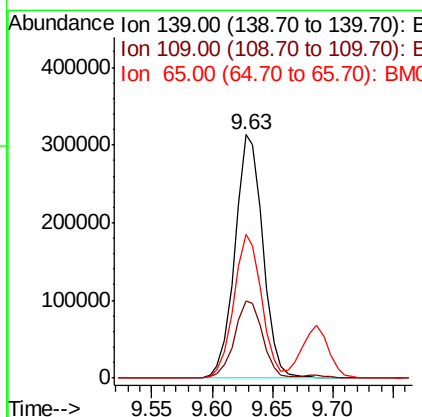
Manual Integrations
APPROVED

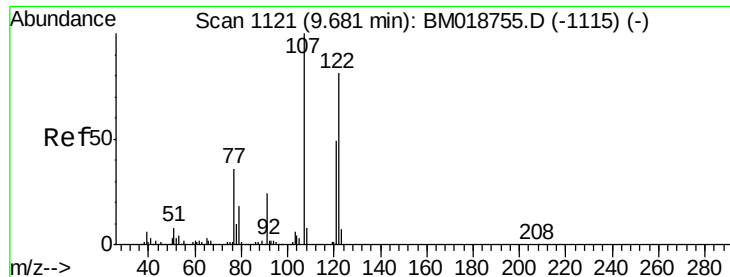
Sohil
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#26
2-Nitrophenol
Concen: 43.336 ng
RT: 9.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	31.7	25.2	37.8
65	59.2	47.0	70.4





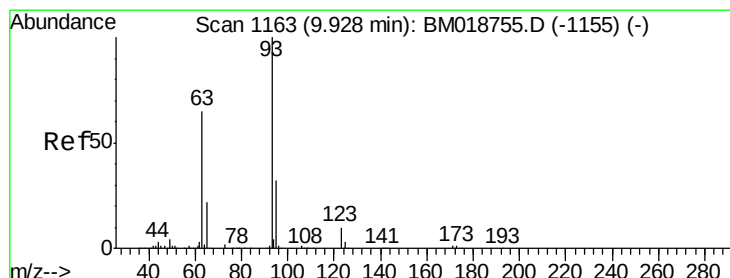
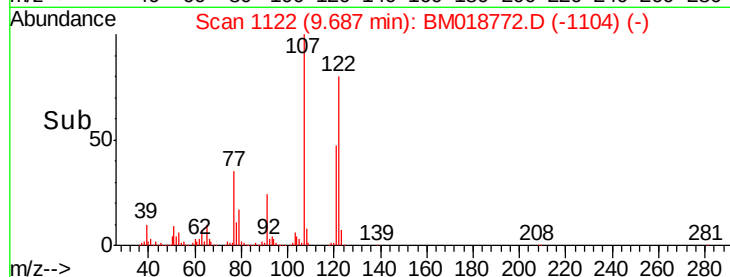
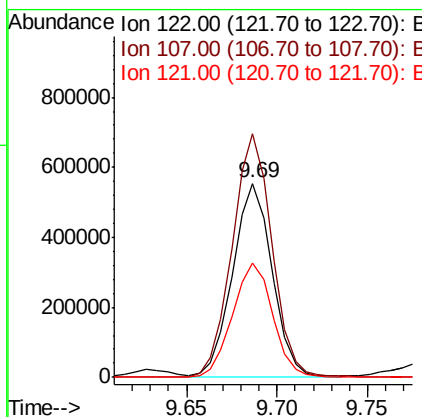
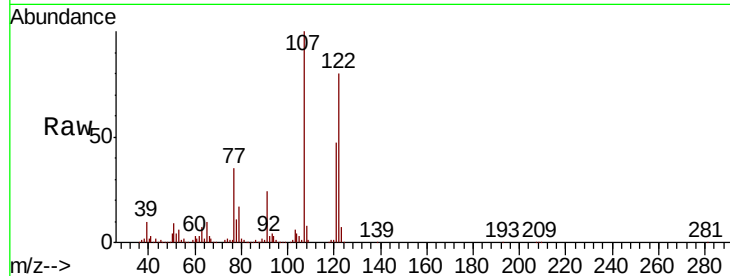
#27
2,4-Dimethylphenol
Concen: 48.895 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.6	97.6	146.4
121	59.1	47.9	71.9

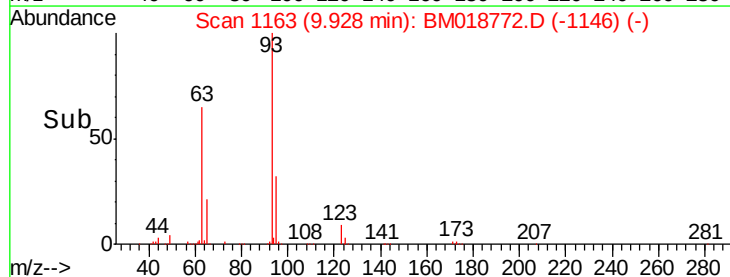
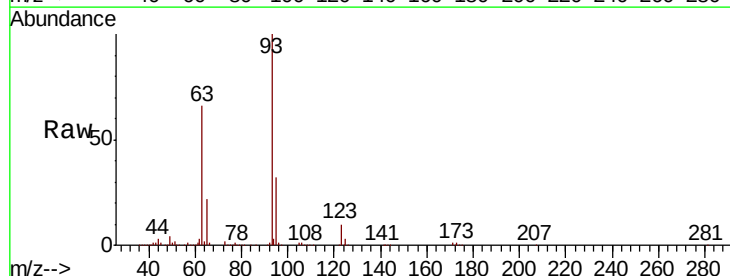
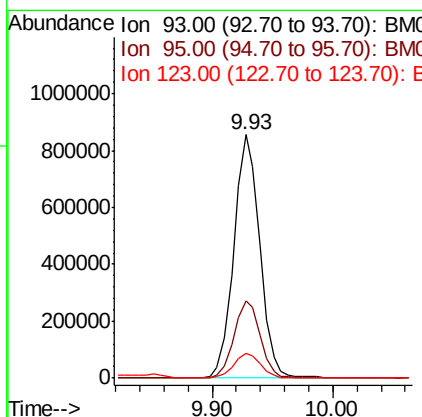
Manual Integrations
APPROVED

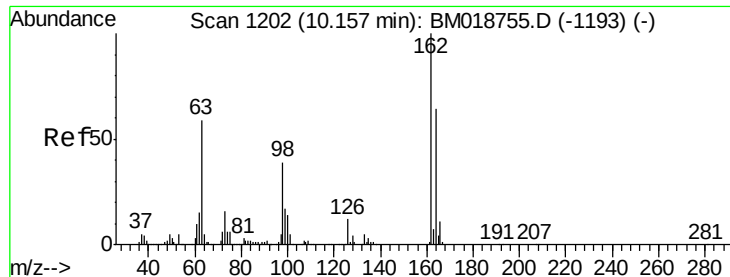
Sohil
2/13/2019 12:20:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.156 ng
RT: 9.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.6	38.4
123	10.1	8.2	12.4





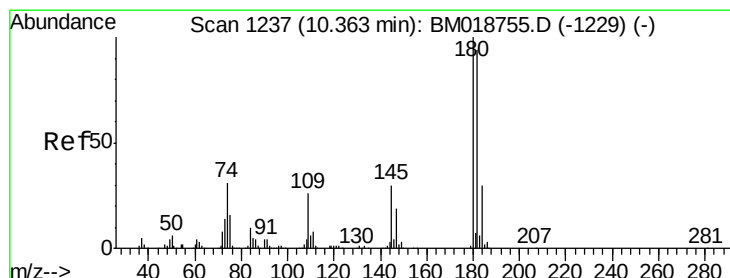
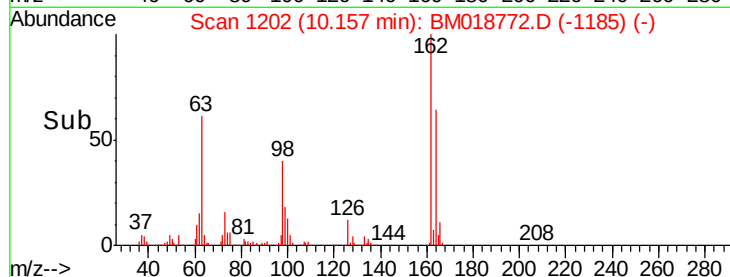
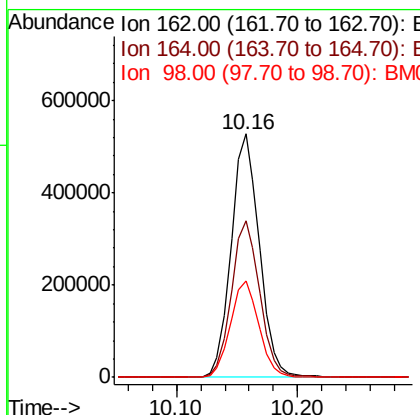
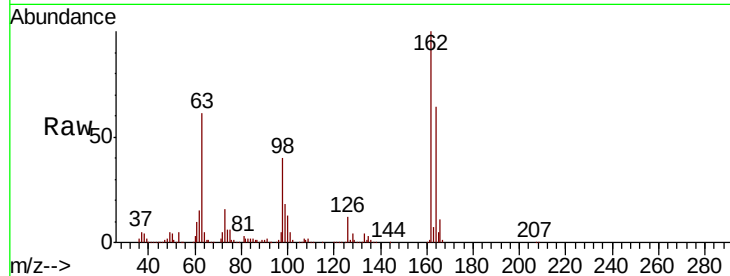
#29
2,4-Dichlorophenol
Concen: 44.001 ng
RT: 10.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	44.1	84.1
98	39.6	19.4	59.4

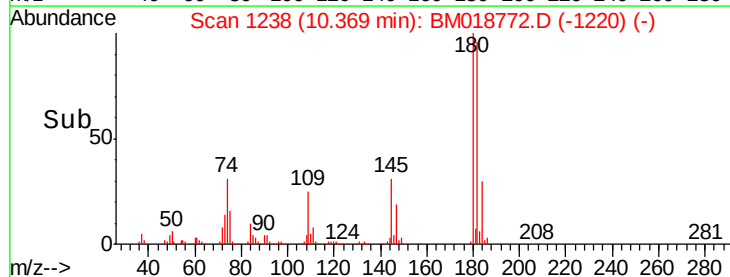
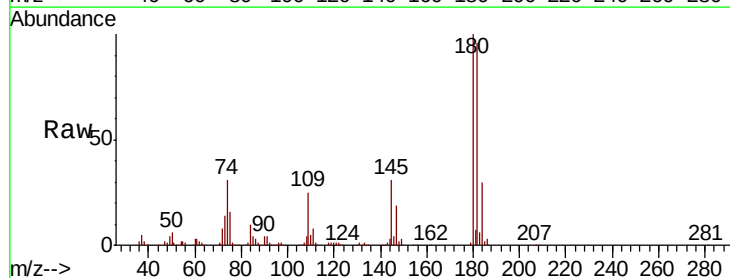
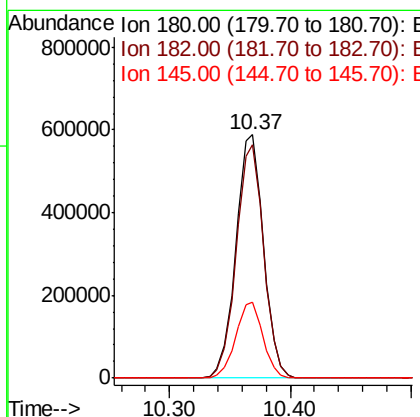
Manual Integrations
APPROVED

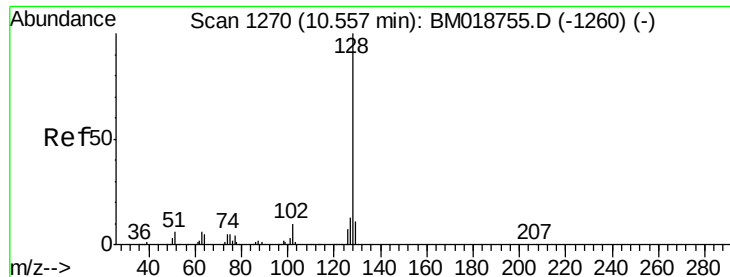
Sohil
2/13/2019 12:20:42 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.412 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	75.0	112.6
145	31.0	24.1	36.1





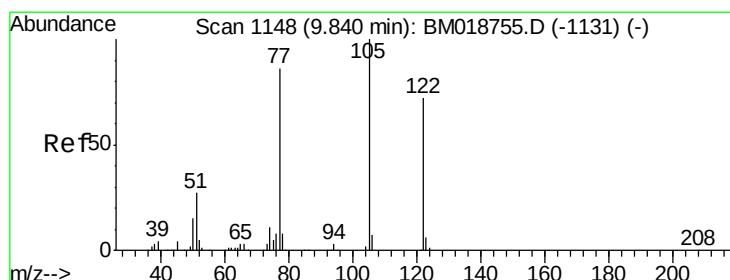
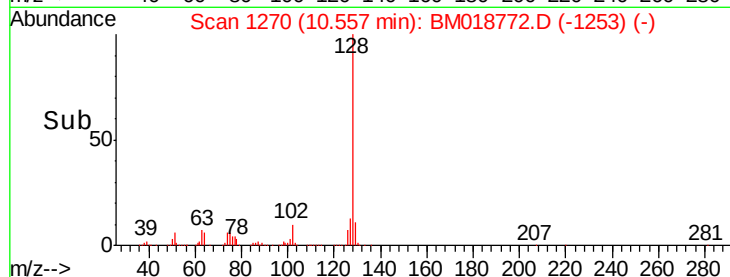
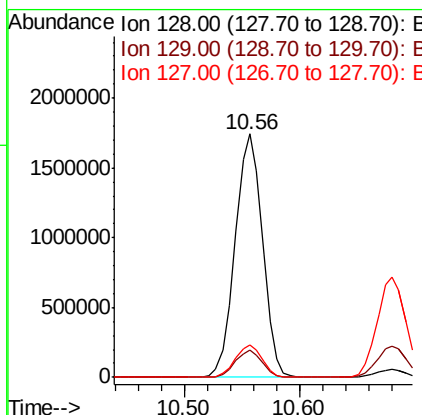
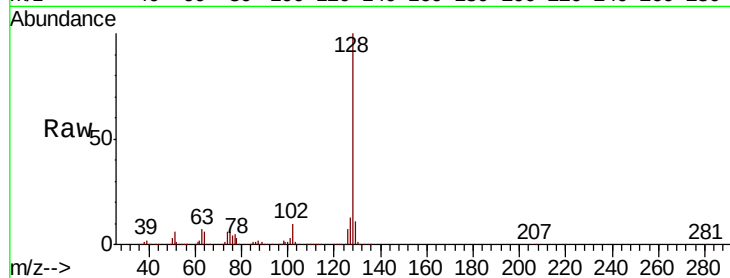
#31
Naphthalene
Concen: 44.797 ng
RT: 10.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.3	10.7	16.1

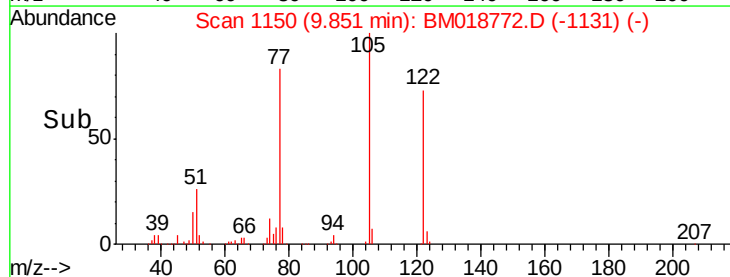
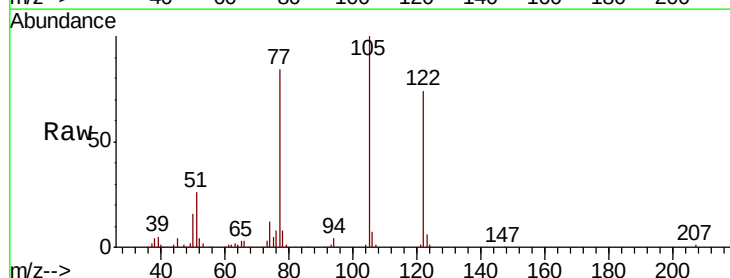
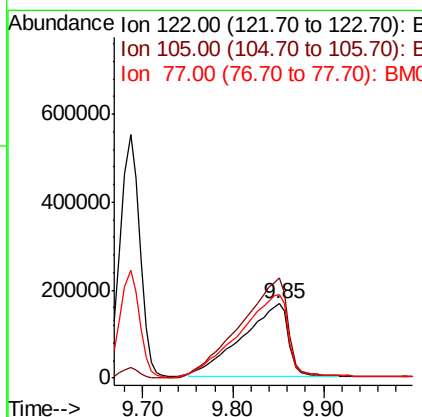
Manual Integrations
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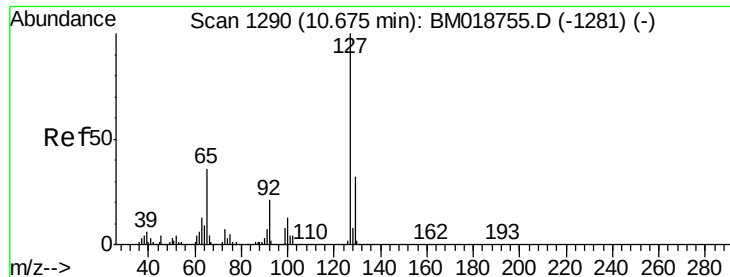
Sohil
2/13/2019 12:20:42 PM



#32
Benzoic acid
Concen: 39.279 ng
RT: 9.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.6	117.5	157.5
77	113.0	98.5	138.5





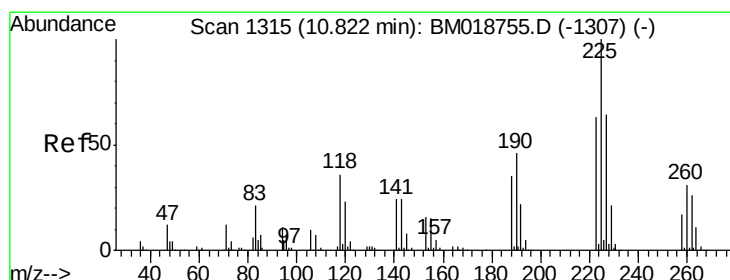
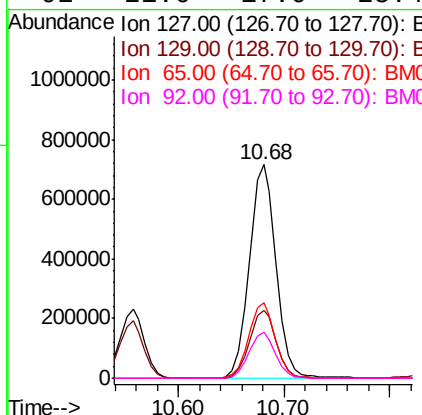
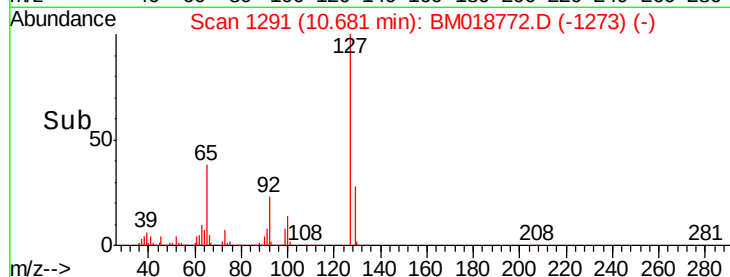
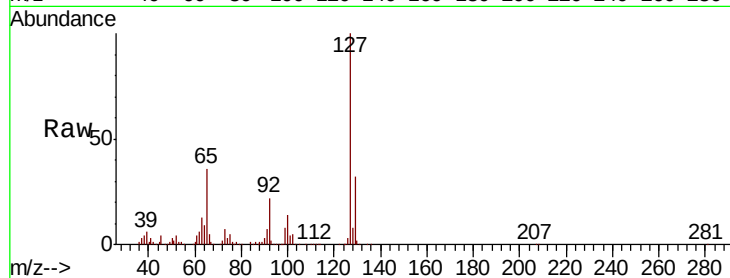
#33
4-Chloroaniline
Concen: 44.209 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.7	38.5		
65	35.6	28.7	43.1		
92	21.6	17.0	25.4		

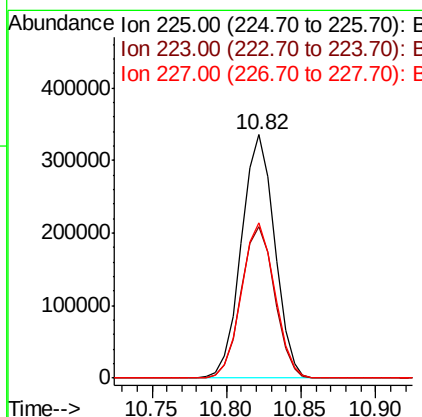
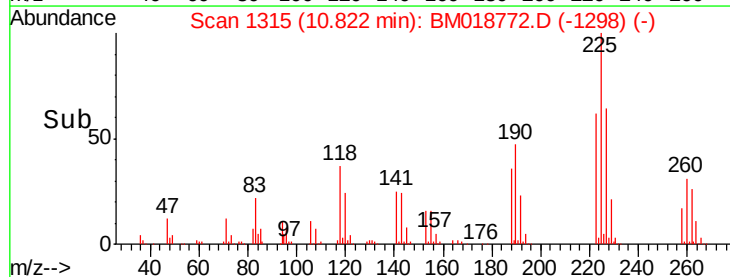
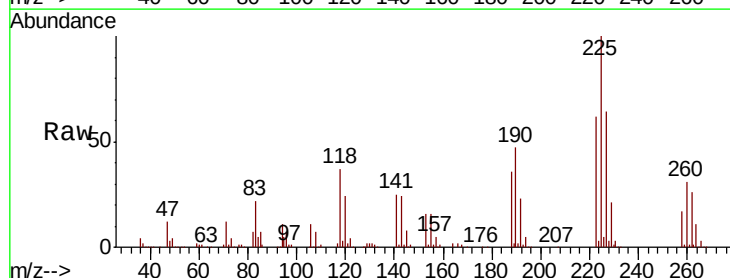
Manual Integrations
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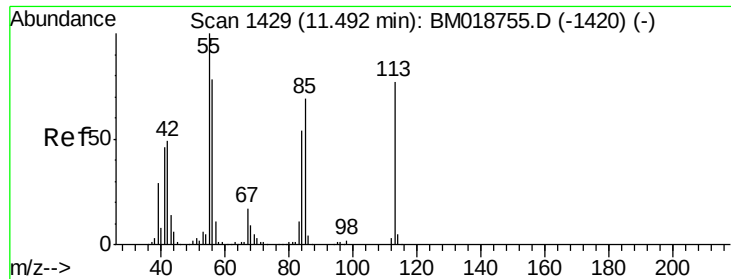
Sohil
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#34
Hexachlorobutadiene
Concen: 39.472 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	50.1	75.1		
227	63.9	51.4	77.0		





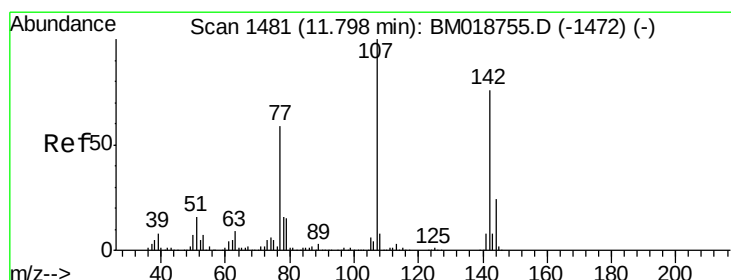
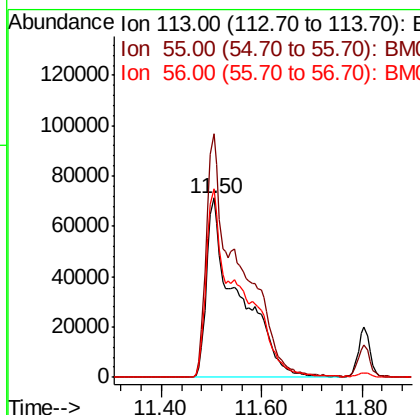
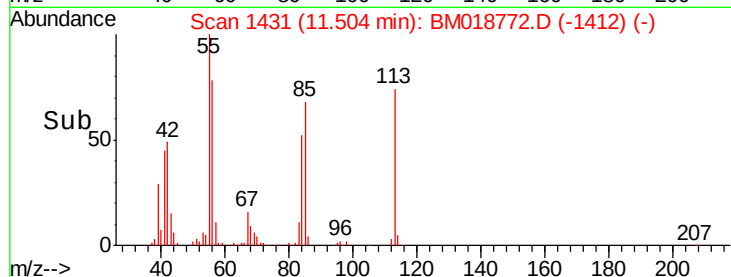
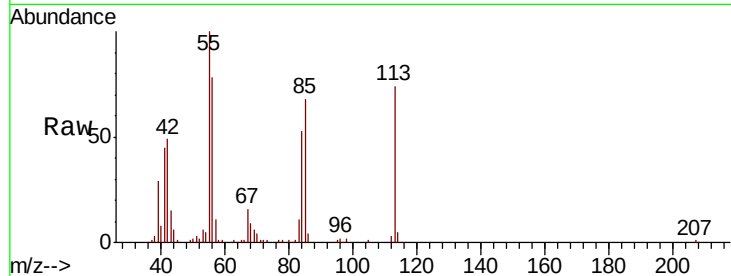
#35
 Caprolactam
 Concen: 39.215 ng/ml
 RT: 11.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	135.7	110.7	150.7
56	105.3	82.4	122.4

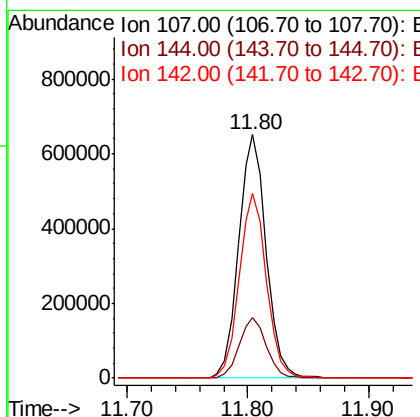
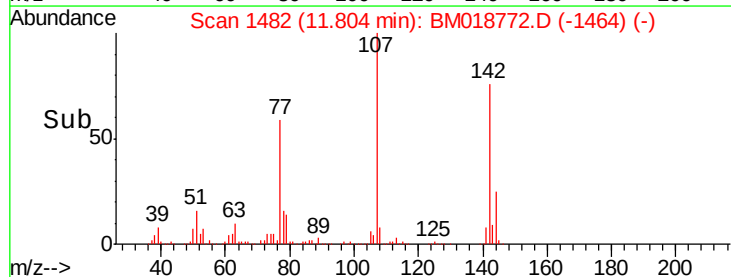
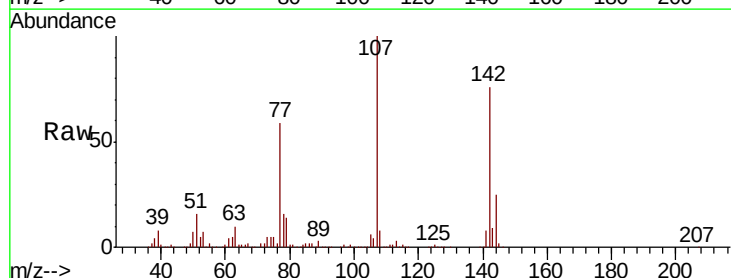
Manual Integrations
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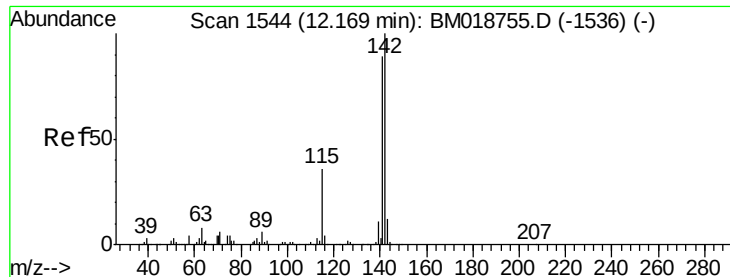
Sohil
 2/13/2019 12:20:42 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.837 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	19.3	28.9
142	75.7	60.5	90.7





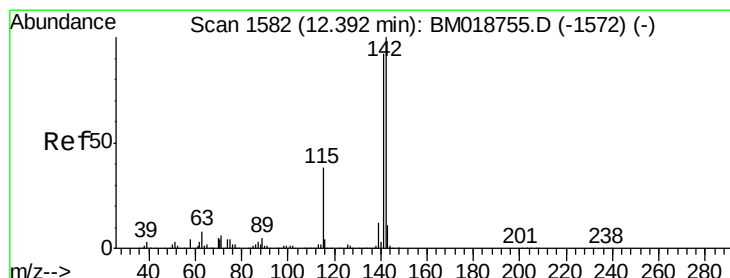
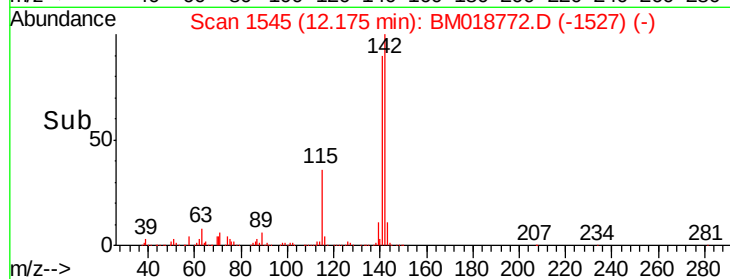
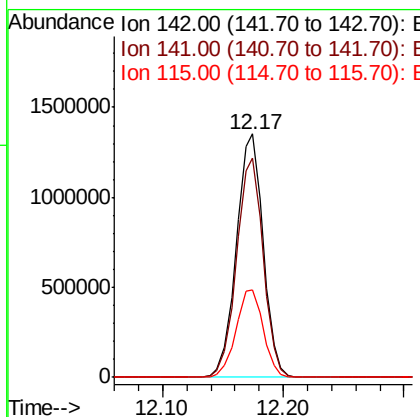
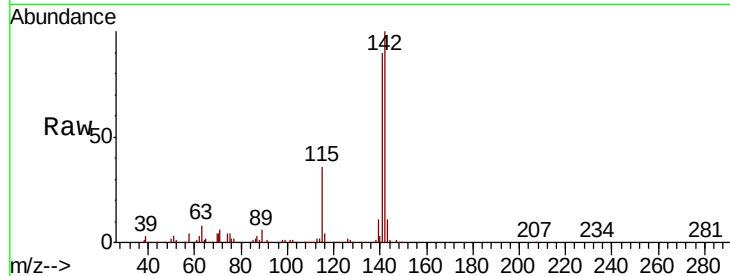
#37
2-Methylnaphthalene
Concen: 46.665 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.2	106.8
115	36.1	29.1	43.7

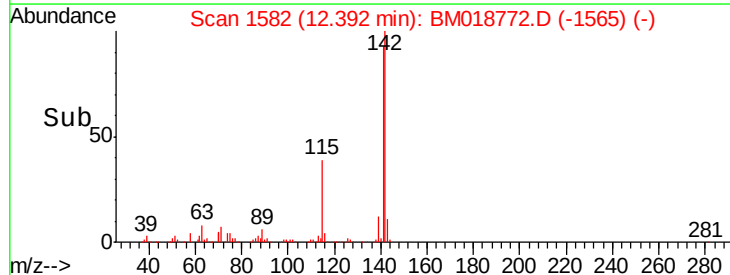
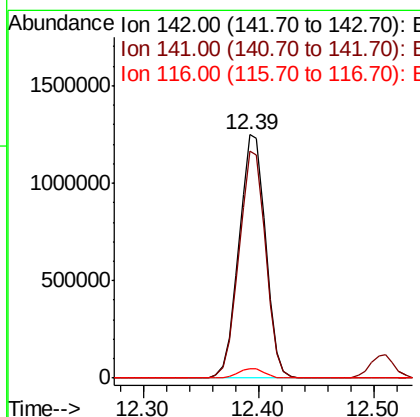
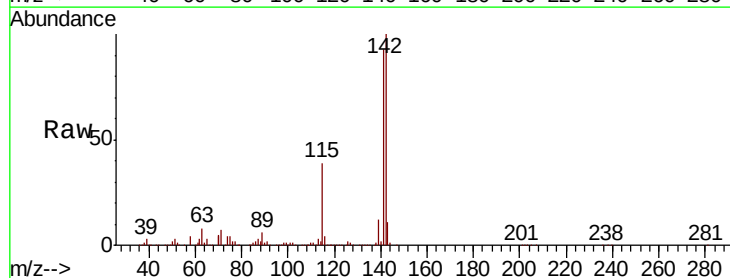
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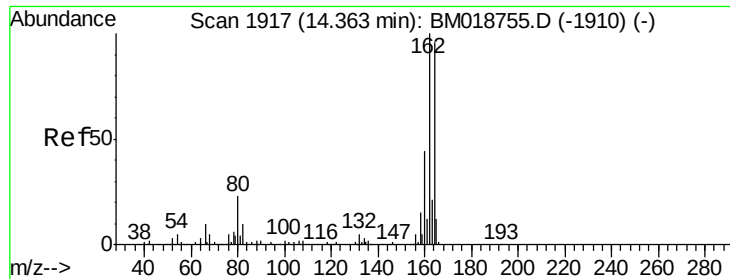
Sohil
2/13/2019 12:20:42 PM



#38
1-Methylnaphthalene
Concen: 45.449 ng
RT: 12.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9
116	4.1	3.0	4.4





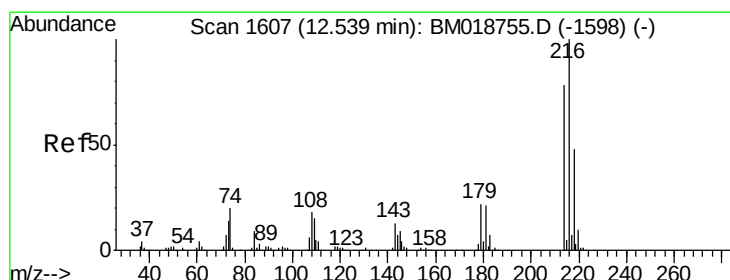
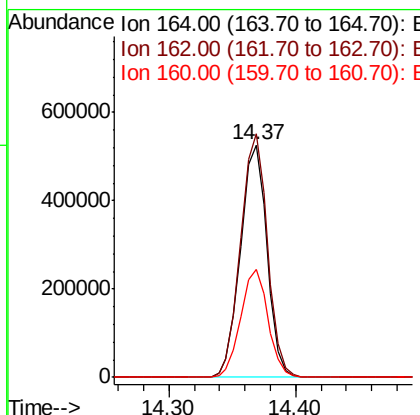
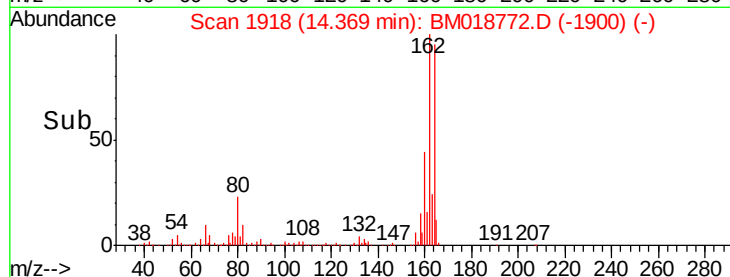
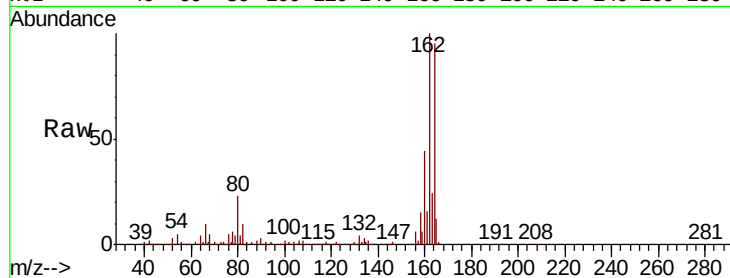
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.4	125.0
160	46.6	36.6	55.0

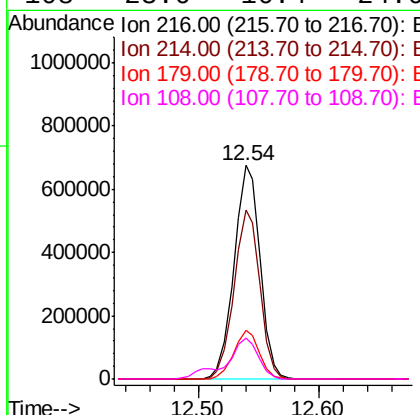
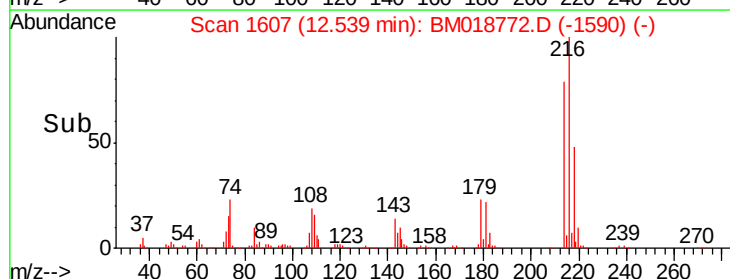
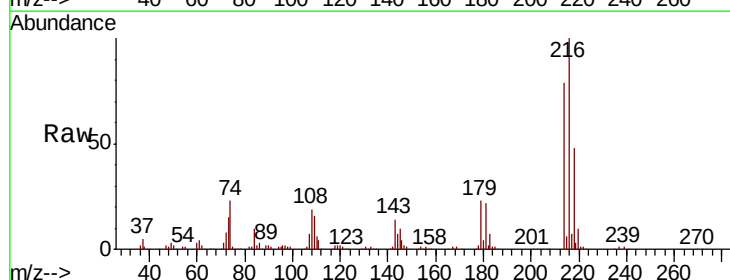
Manual Integrations
APPROVED

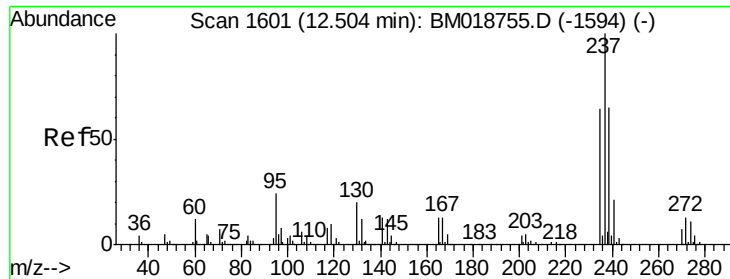
Sohil
2/13/2019 12:20:42 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.457 ng
RT: 12.54 min Scan# 1607
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
179	22.4	17.8	26.8
108	23.6	16.4	24.6





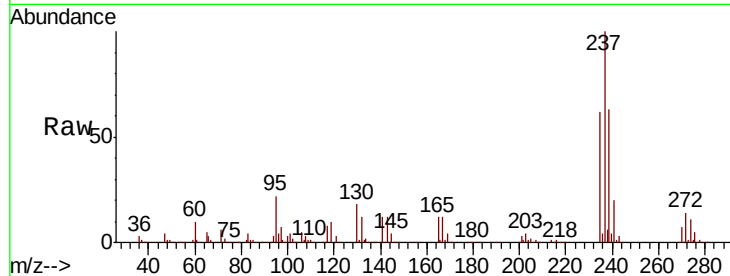
#41
Hexachlorocyclopentadiene
Concen: 108.883 ng
RT: 12.51 min Scan# 1602
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.7	83.7
272	13.6	0.0	33.3

Manual Integrations
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2/13/2019 12:20:42 PM

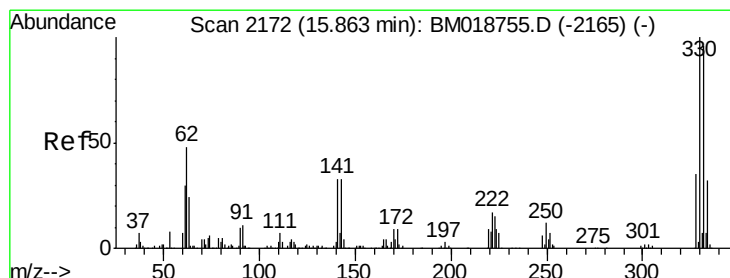
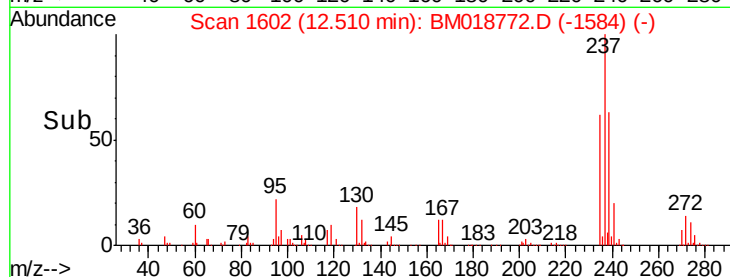
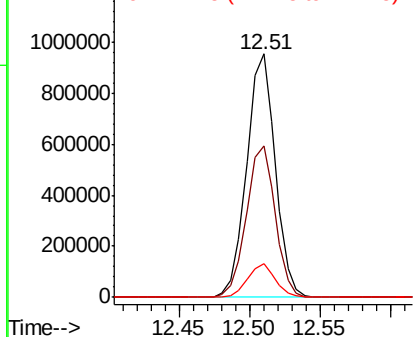


Abundance

Ion 236.80 (236.50 to 237.50): E

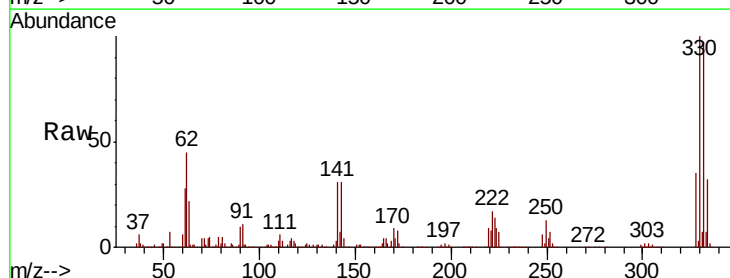
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 156.910 ng
RT: 15.87 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	35.0	28.7	43.1

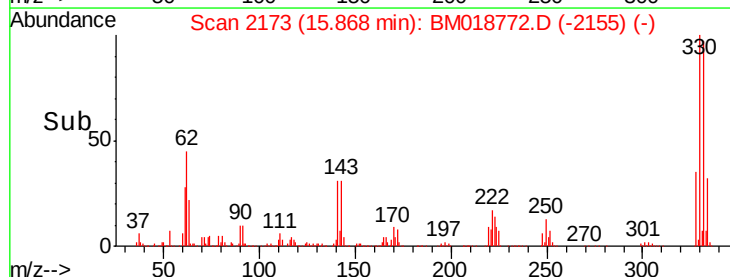
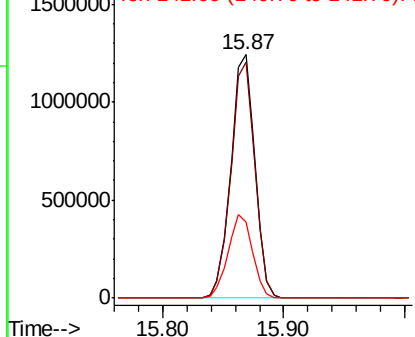


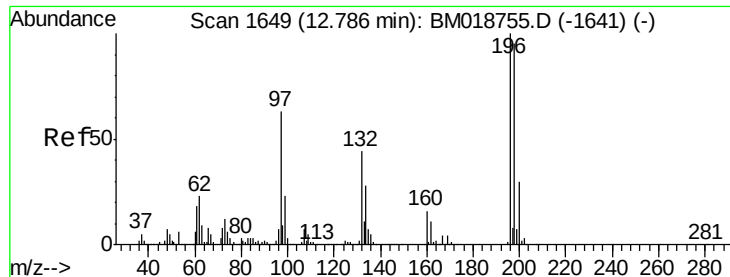
Abundance

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





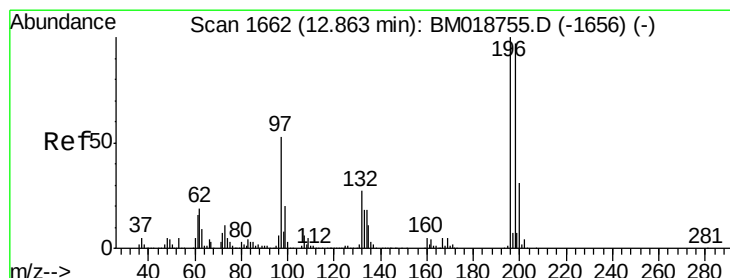
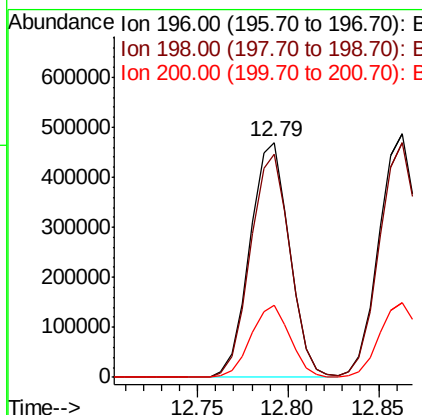
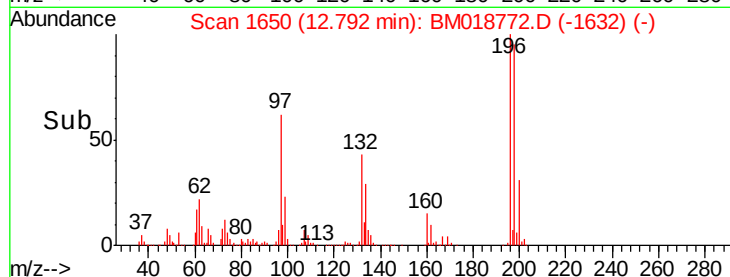
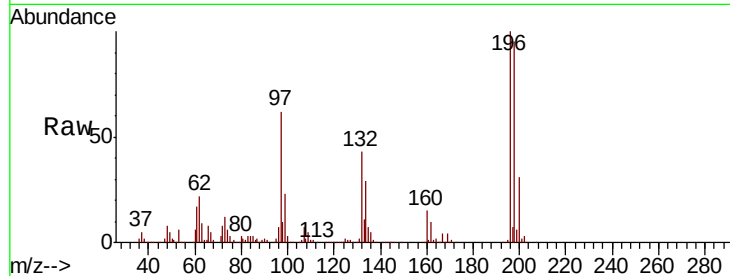
#43
2,4,6-Trichlorophenol
Concen: 44.254 ng
RT: 12.79 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.2	114.2
200	30.8	24.2	36.2

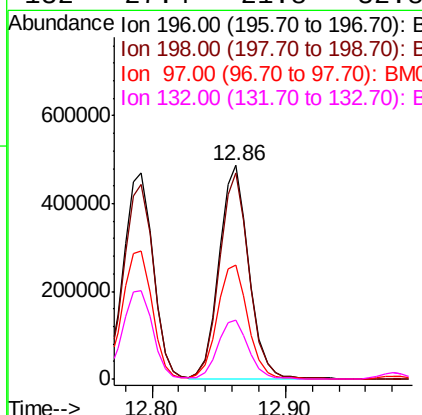
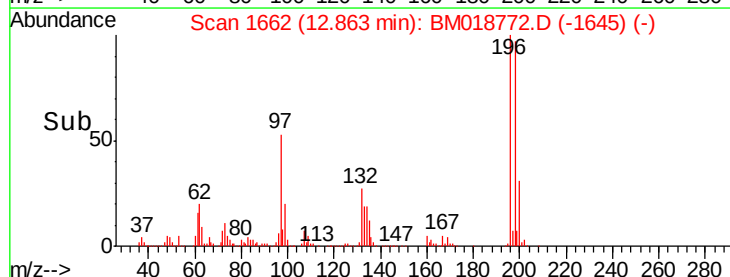
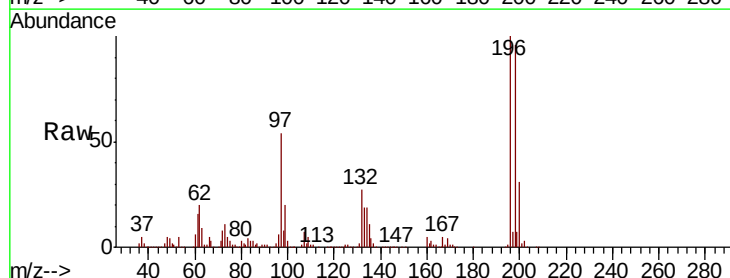
Manual Integrations
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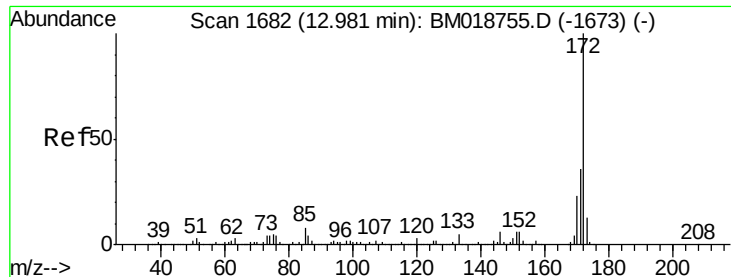
Sohil
2/13/2019 12:20:42 PM



#44
2,4,5-Trichlorophenol
Concen: 44.679 ng
RT: 12.86 min Scan# 1662
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	77.6	116.4
97	53.6	42.8	64.2
132	27.4	21.8	32.8





#45

2-Fluorobiphenyl

Concen: 70.839 ng

RT: 12.98 min Scan# 1682

Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:172 Resp: 4065626

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	23.5	18.6	28.0

172 100

171 36.1 29.0 43.6

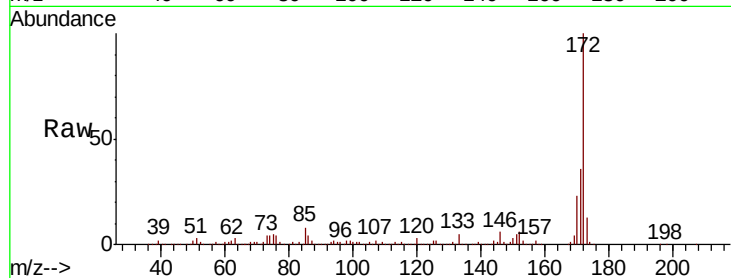
170 23.5 18.6 28.0

Manual Integrations

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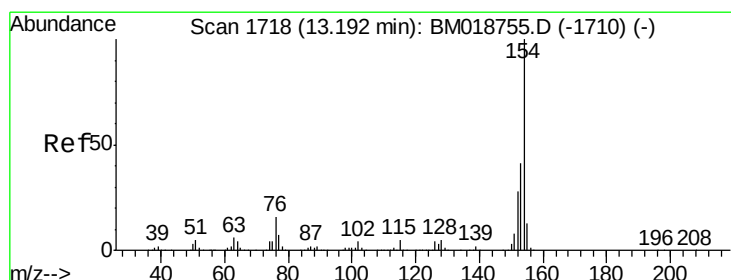
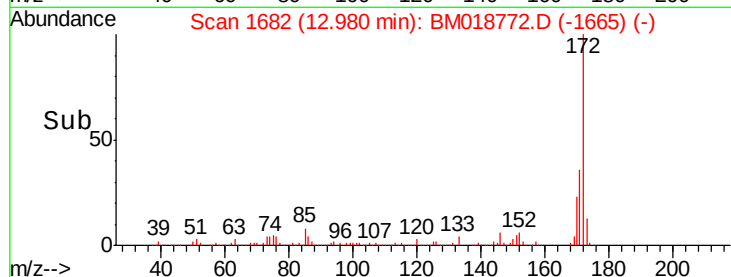
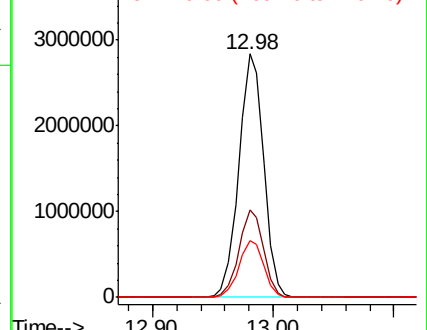


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.587 ng

RT: 13.19 min Scan# 1718

Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

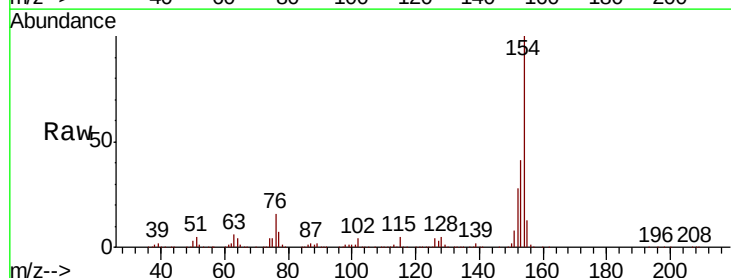
Tgt Ion:154 Resp: 2661689

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.1	61.1
76	15.9	0.0	35.7

154 100

153 40.6 21.1 61.1

76 15.9 0.0 35.7

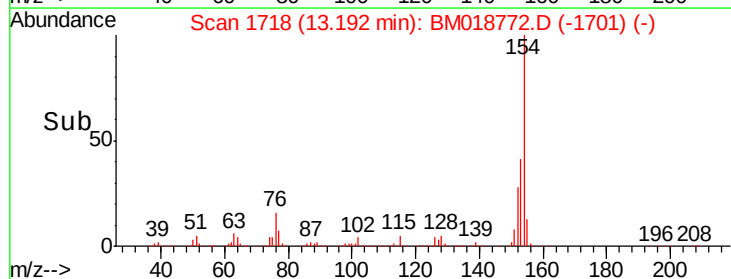
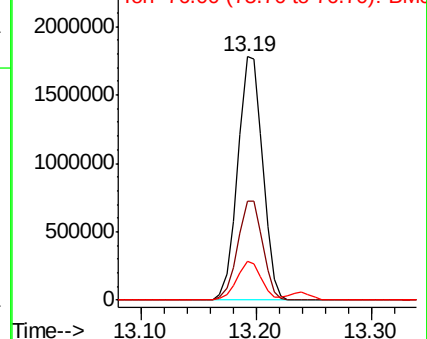


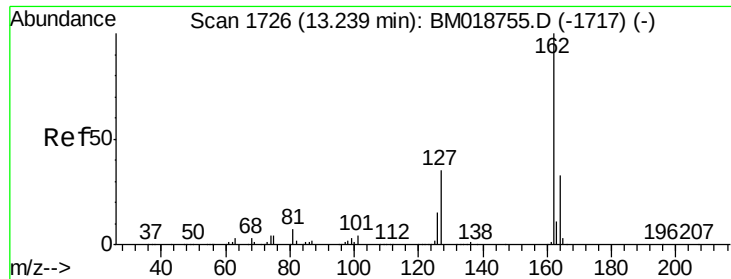
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0





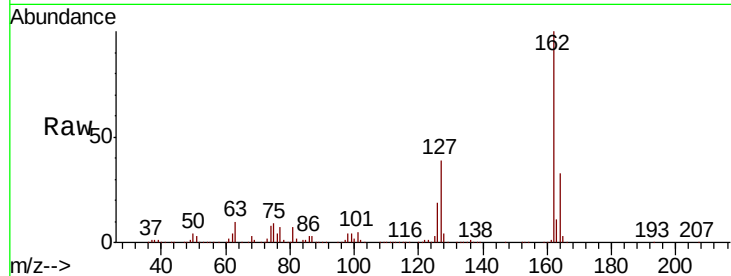
#47
2-Chloronaphthalene
Concen: 41.069 ng
RT: 13.24 min Scan# 1726
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.1	46.7
164	32.6	26.4	39.6

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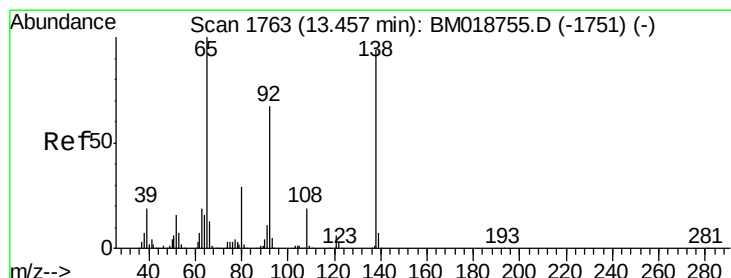
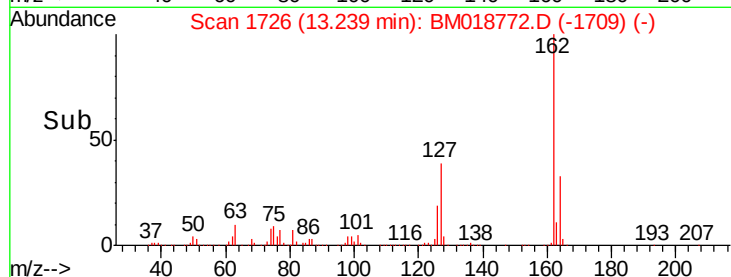
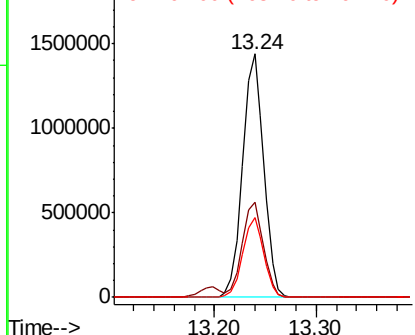


Abundance

Ion 162.00 (161.70 to 162.70): E

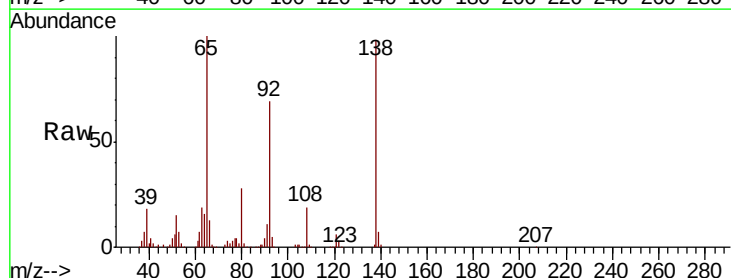
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 44.413 ng
RT: 13.46 min Scan# 1764
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.7	54.0	81.0
138	98.0	74.9	112.3

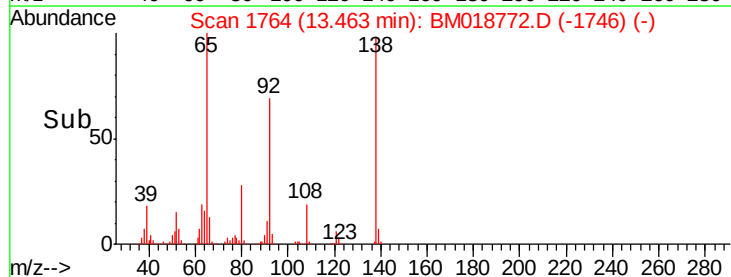
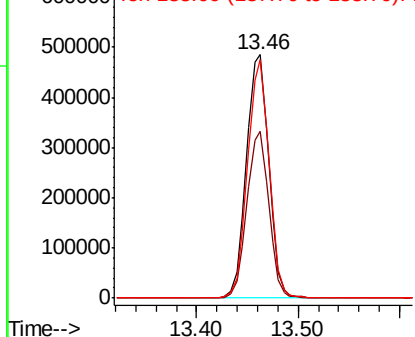


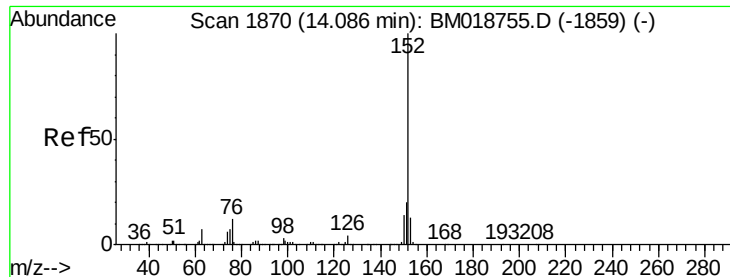
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.523 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:152 Resp: 3433507

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

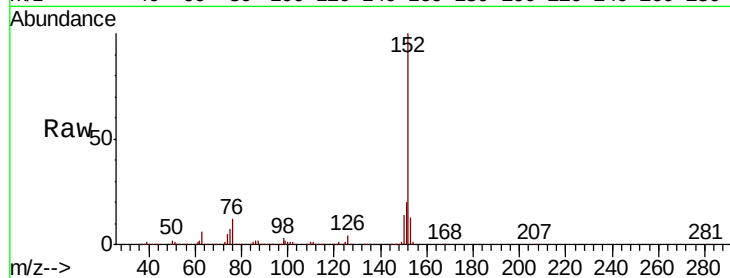
153 13.1 10.5 15.7

Manual Integrations

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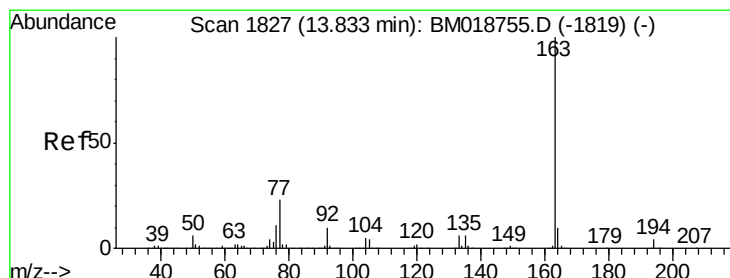
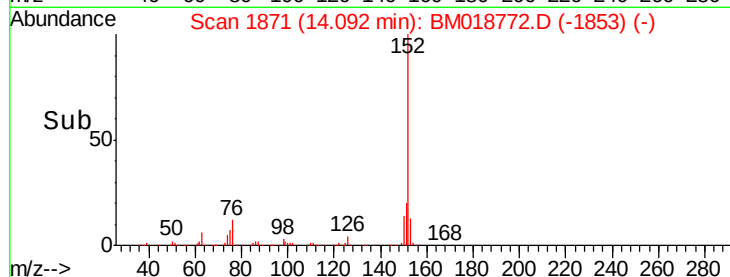
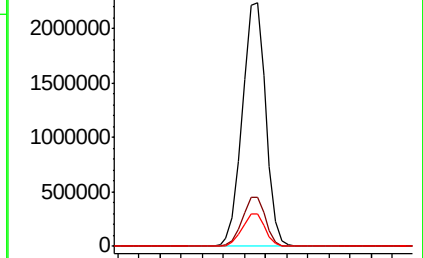
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.535 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

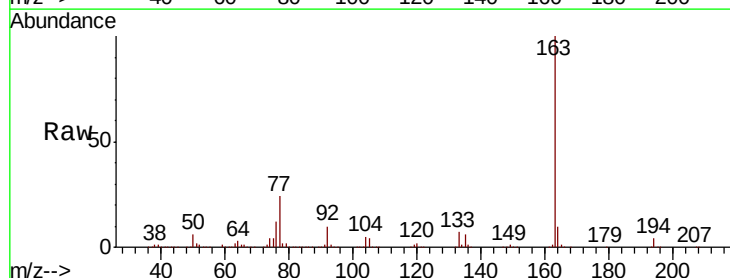
Tgt Ion:163 Resp: 2764246

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

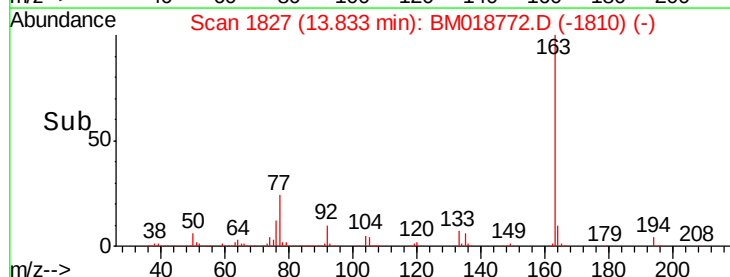
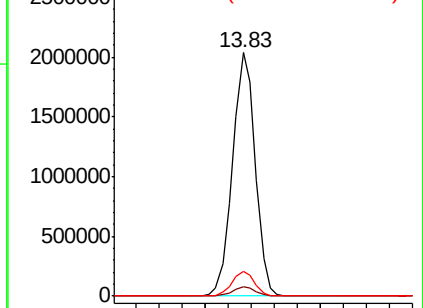
164 10.0 7.8 11.8

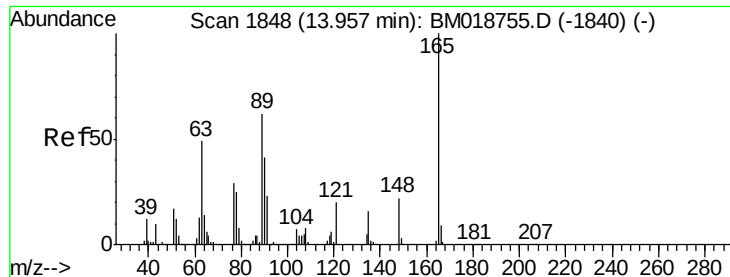


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





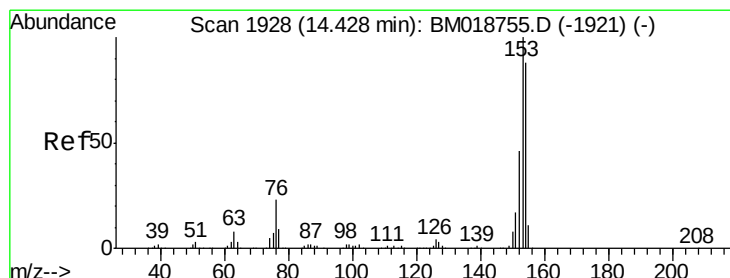
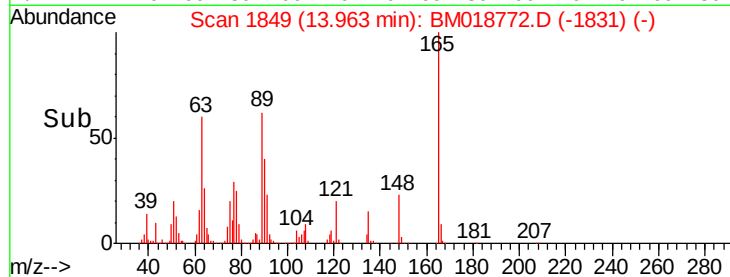
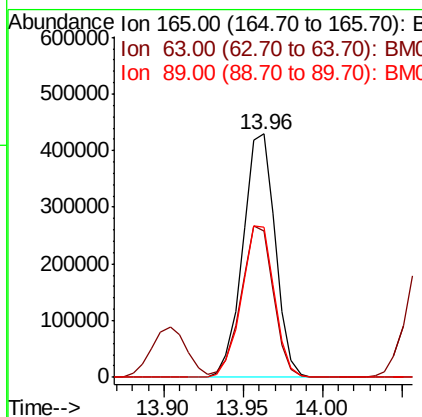
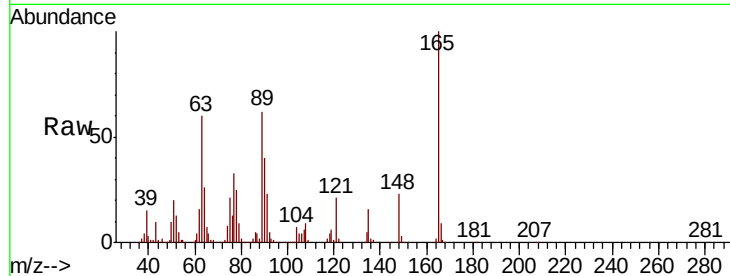
#51
2,6-Dinitrotoluene
Concen: 44.105 ng
RT: 13.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	606631		
63	60.0	48.9	73.3	
89	61.6	49.4	74.0	

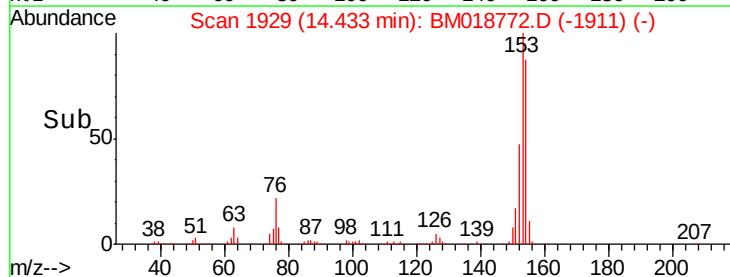
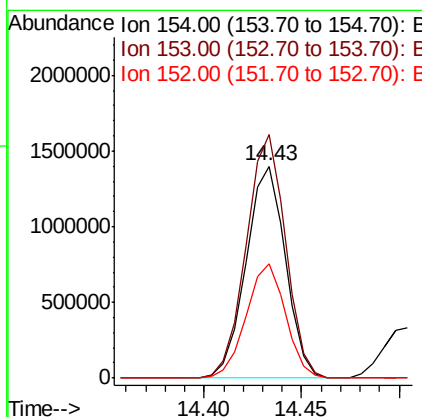
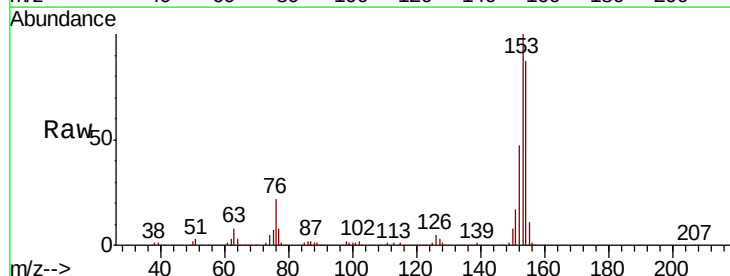
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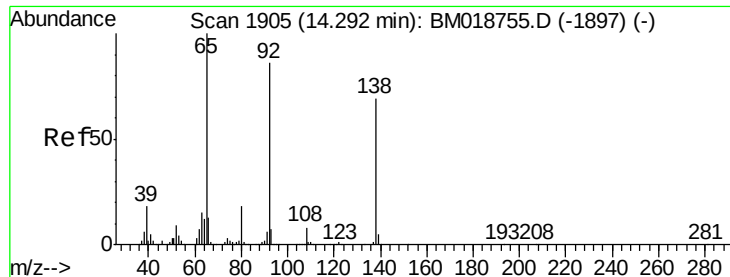
Sohil
2/13/2019 12:20:42 PM



#52
Acenaphthene
Concen: 42.343 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1958261		
153	114.8	91.3	136.9	
152	53.9	42.2	63.4	





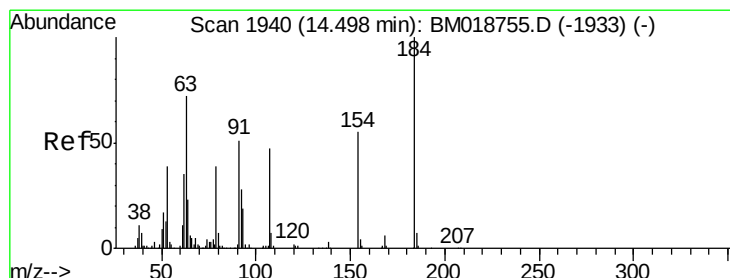
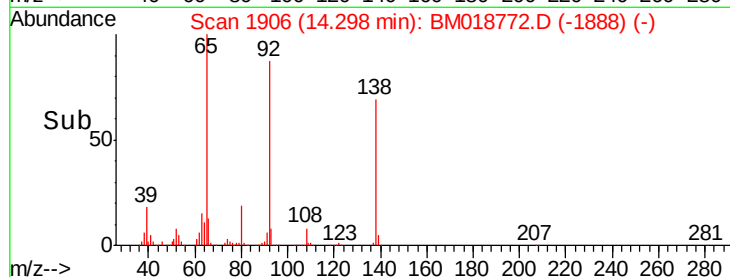
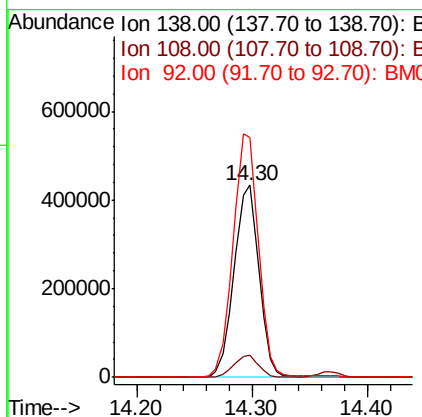
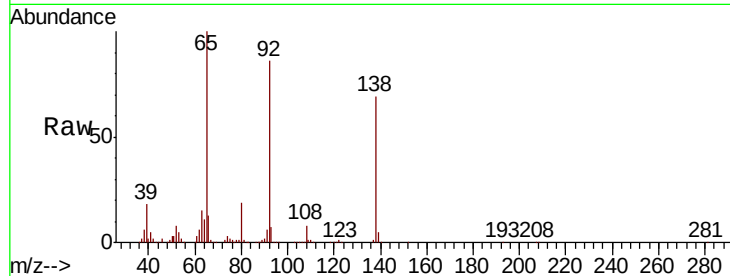
#53
3-Nitroaniline
Concen: 41.930 ng
RT: 14.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.1	13.7
92	125.2	99.7	149.5

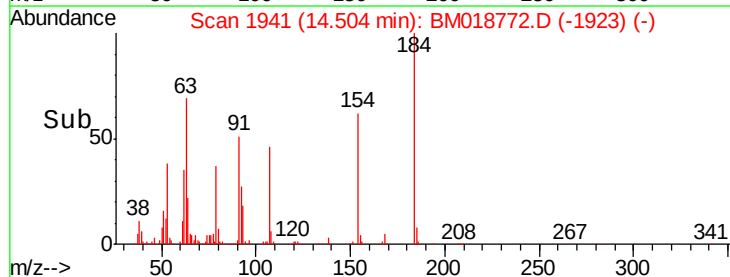
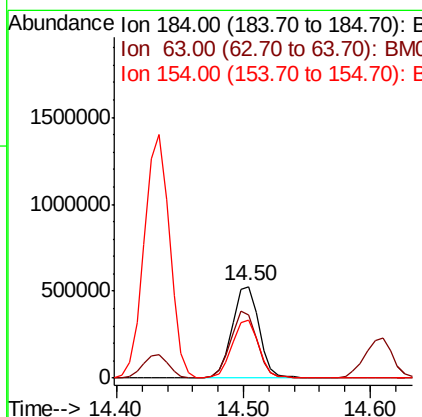
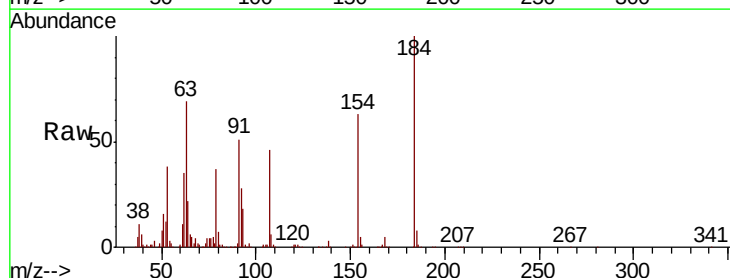
Manual Integrations
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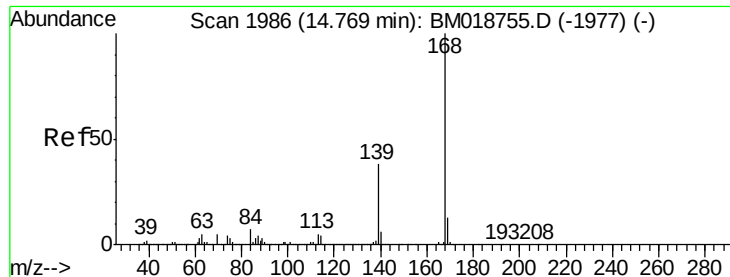
Sohil
2/13/2019 12:20:42 PM



#54
2,4-Dinitrophenol
Concen: 87.860 ng
RT: 14.50 min Scan# 1941
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.5	58.0	87.0
154	62.7	50.3	75.5





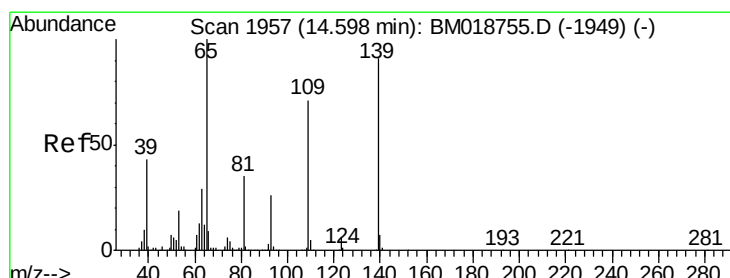
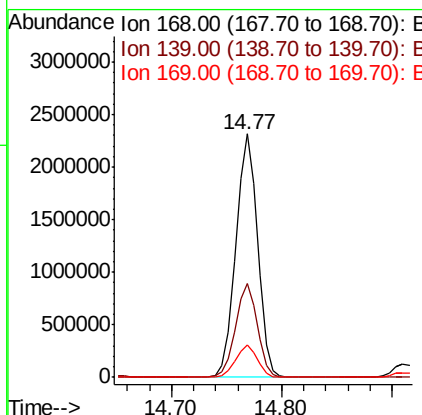
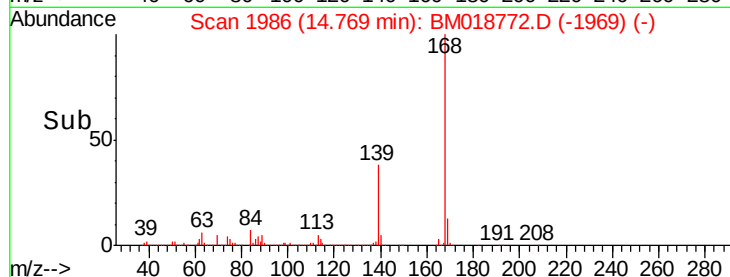
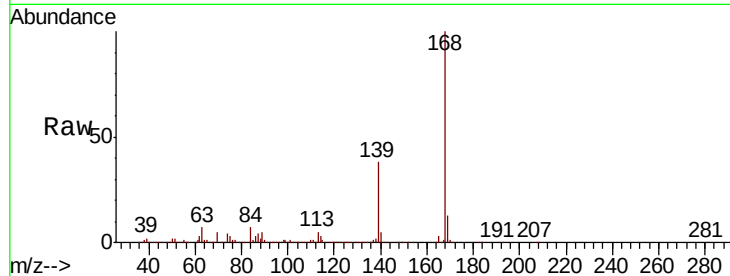
#55
Dibenzofuran
Concen: 42.200 ng
RT: 14.77 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.7	46.1
169	13.3	10.3	15.5

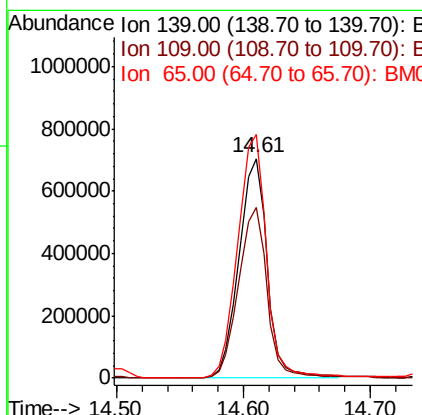
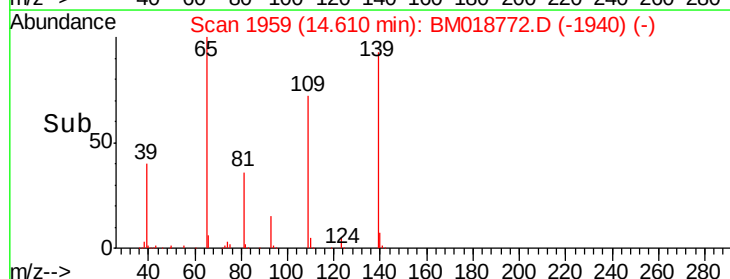
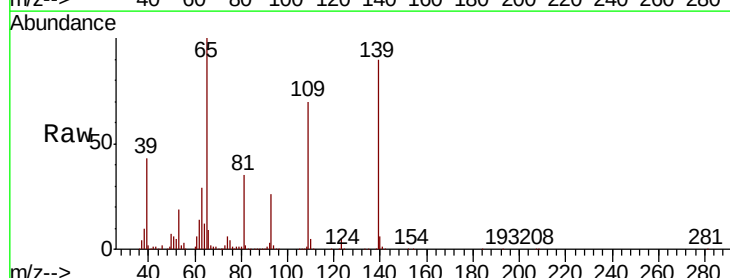
Manual Integrations
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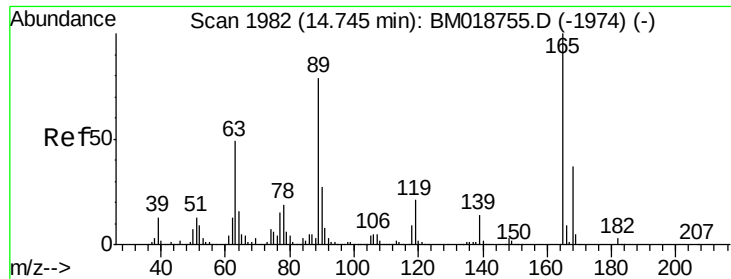
Sohil
2/13/2019 12:20:42 PM



#56
4-Nitrophenol
Concen: 88.035 ng
RT: 14.61 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.5	58.4	98.4
65	110.9	89.8	129.8





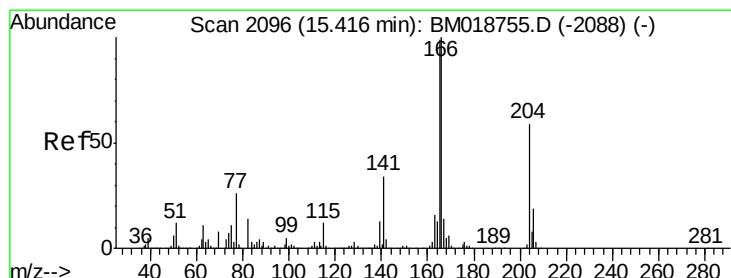
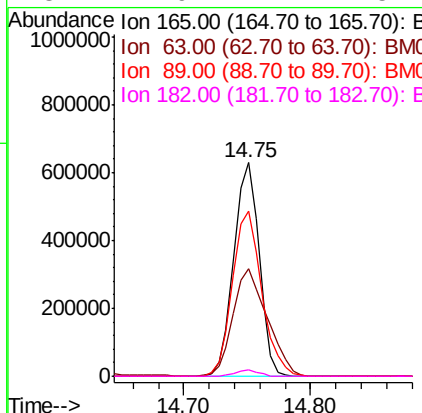
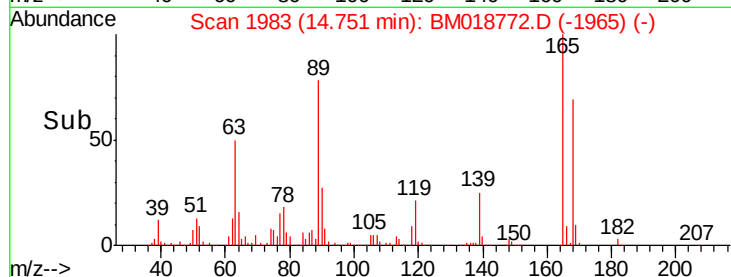
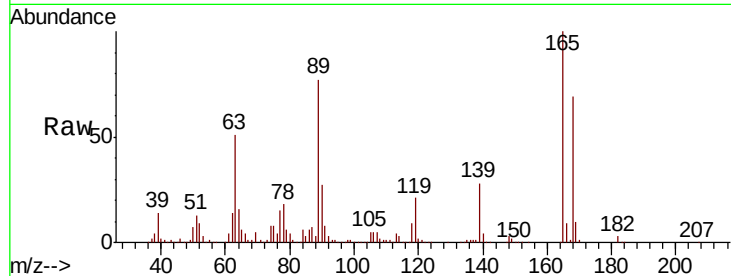
#57
2,4-Dinitrotoluene
Concen: 45.909 ng
RT: 14.75 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	870014		
63	50.7	39.6	59.4	
89	77.5	63.5	95.3	
182	2.9	2.2	3.4	

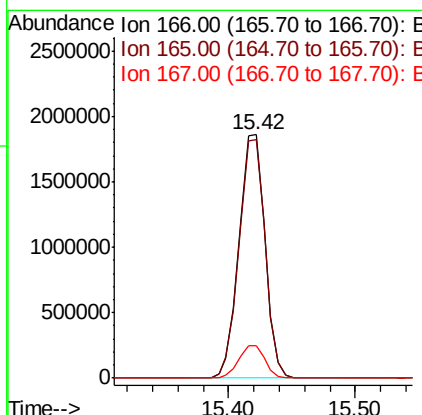
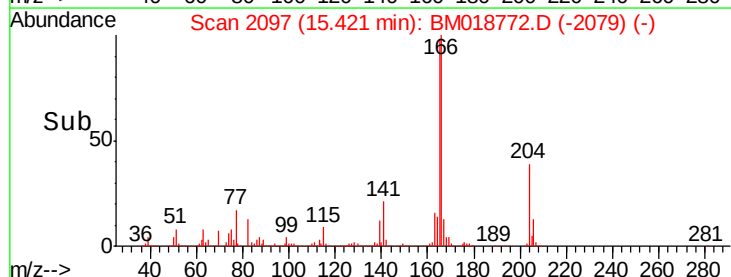
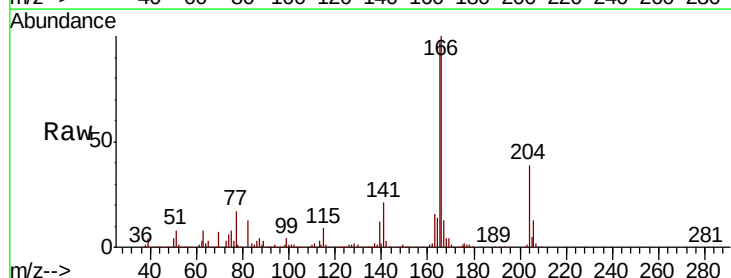
Manual Integrations
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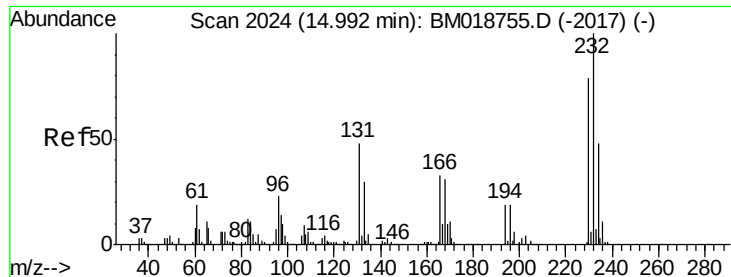
Sohil
2/13/2019 12:20:42 PM



#58
Fluorene
Concen: 45.313 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2635162		
165	97.9	79.1	118.7	
167	13.3	11.0	16.4	





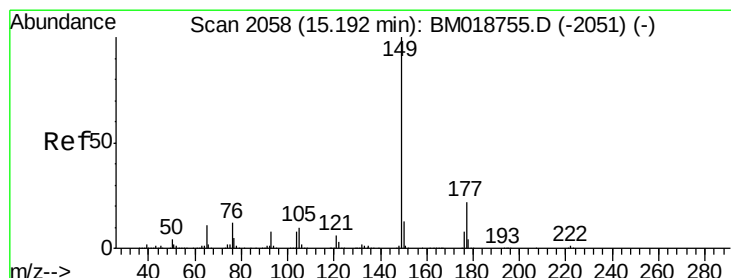
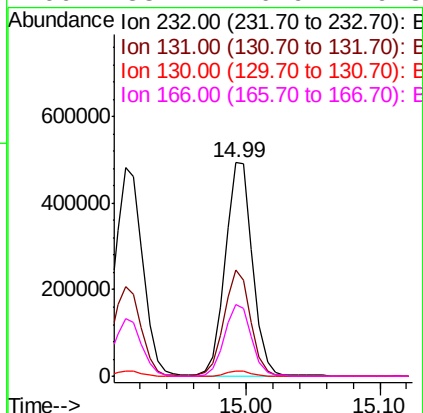
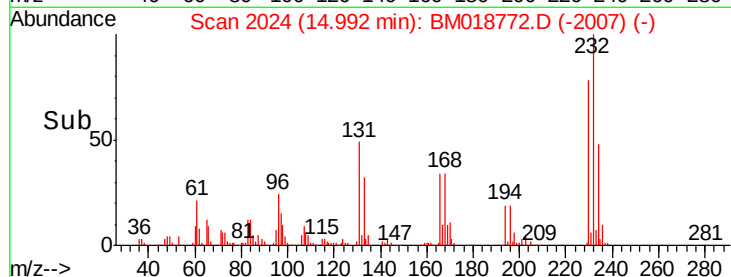
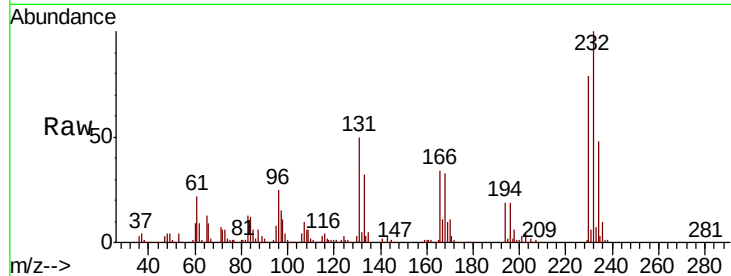
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.127 ng
 RT: 14.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.9	38.6	57.8
130	2.5	2.0	3.0
166	33.7	26.9	40.3

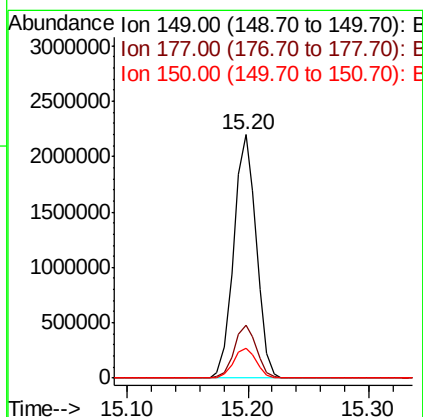
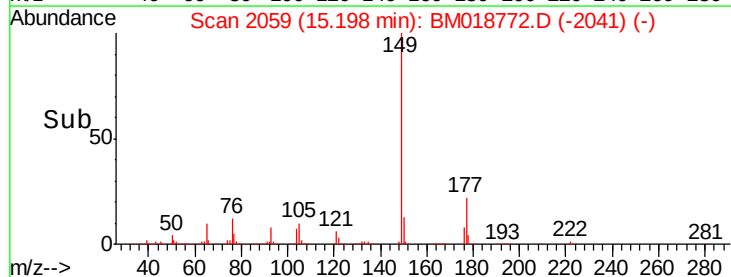
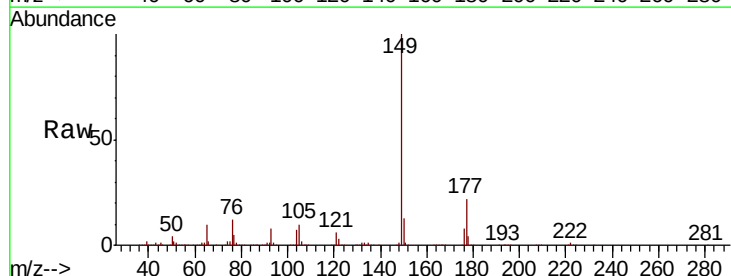
Manual Integrations
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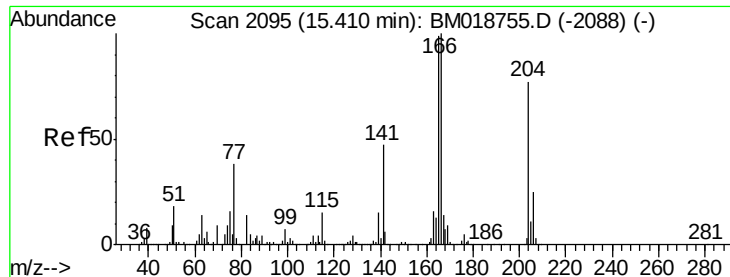
Sohil
 2/13/2019 12:20:42 PM



#60
 Diethylphthalate
 Concen: 43.633 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.01 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.2	25.8
150	12.5	10.2	15.2





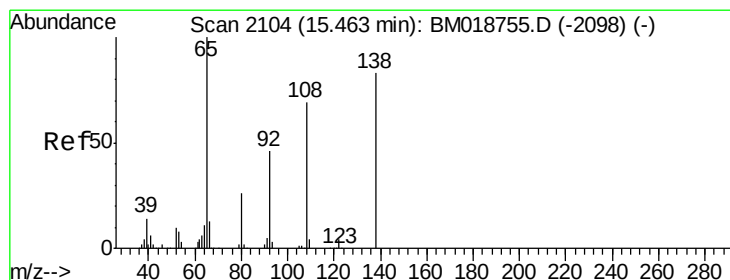
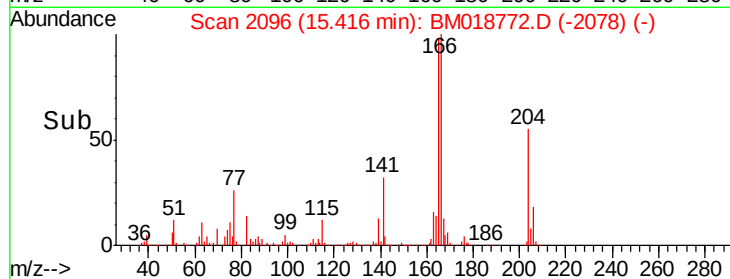
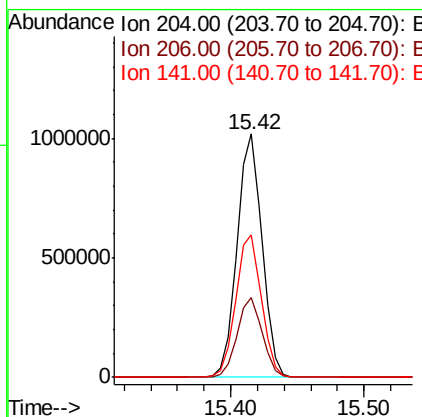
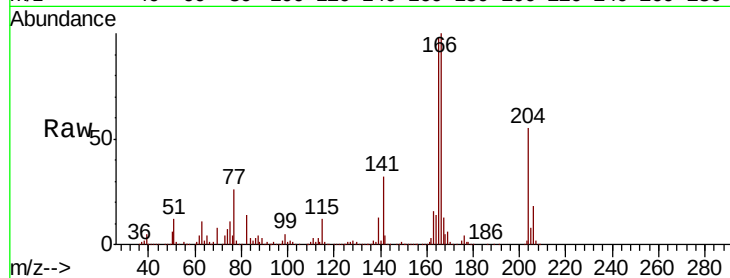
#61
4-Chlorophenyl-phenylether
Concen: 40.532 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion:204 Resp: 1321568
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 58.6 49.2 73.8

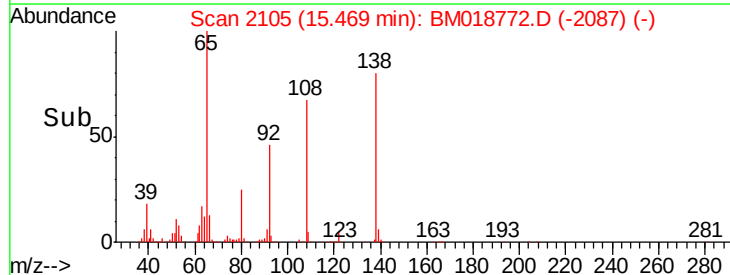
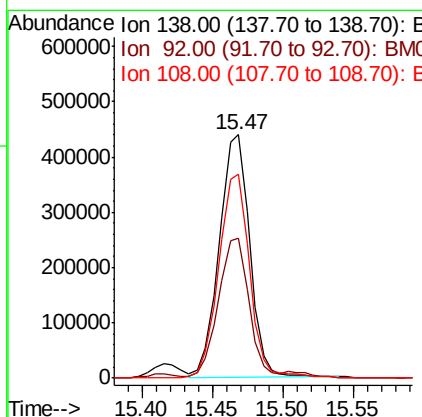
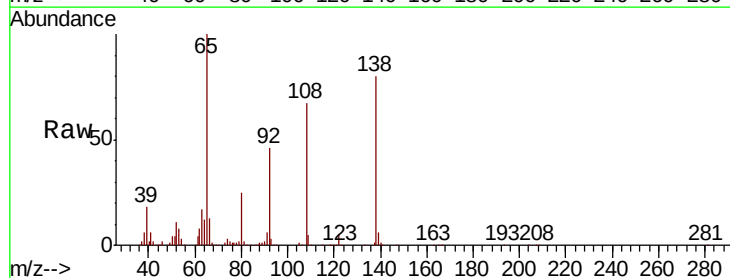
Manual Integrations
APPROVED

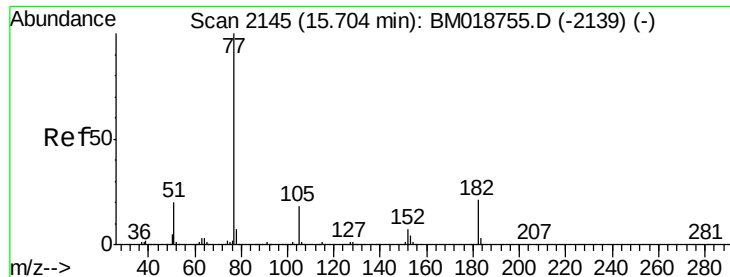
Sohil
2/13/2019 12:20:42 PM



#62
4-Nitroaniline
Concen: 43.400 ng
RT: 15.47 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion:138 Resp: 661221
Ion Ratio Lower Upper
138 100
92 57.7 35.5 75.5
108 84.0 62.4 102.4





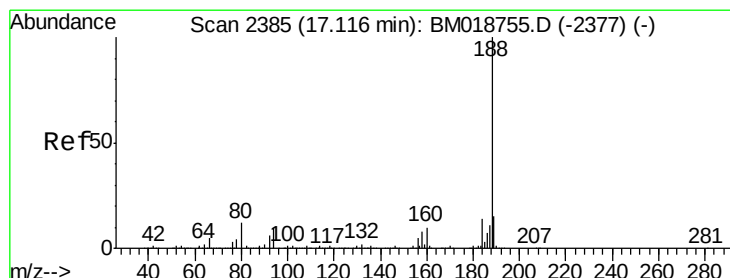
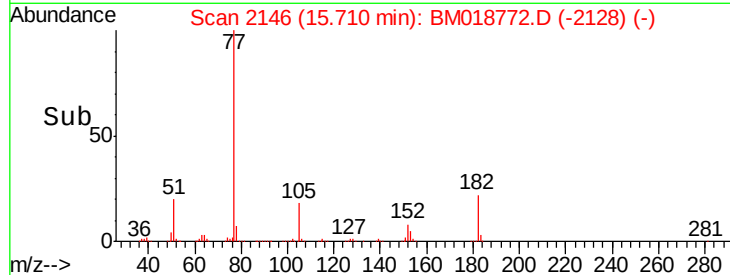
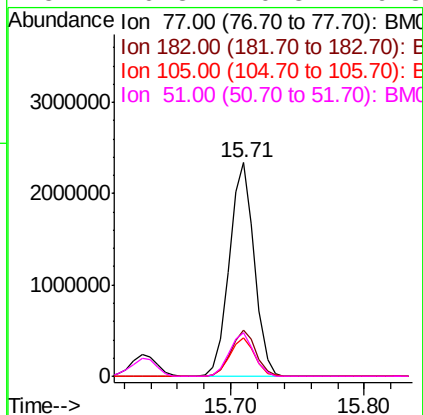
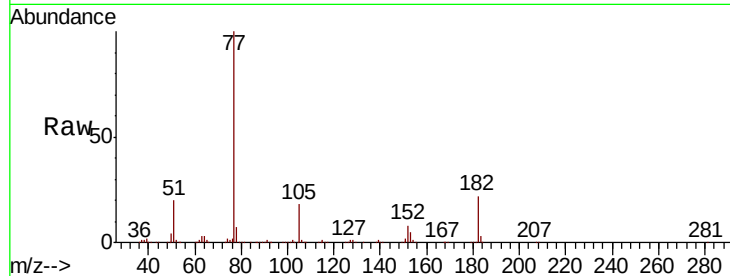
#63
Azobenzene
Concen: 43.399 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.8	1.0	41.0	
105	18.3	0.0	37.7	
51	20.3	0.3	40.3	

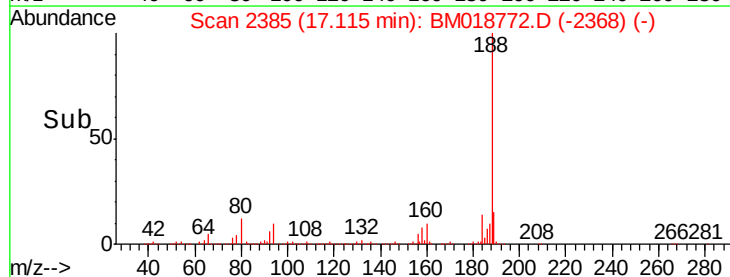
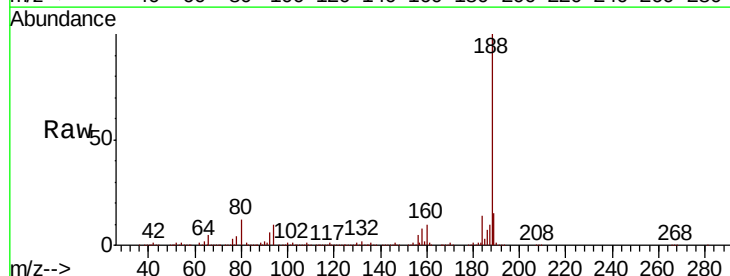
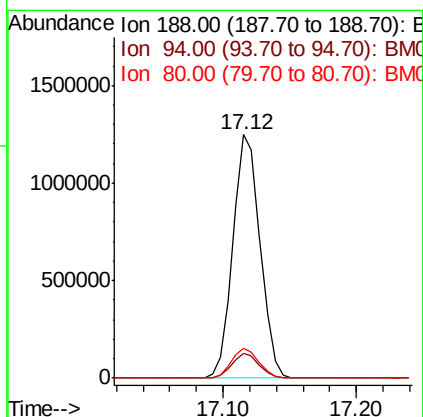
Manual Integrations
APPROVED

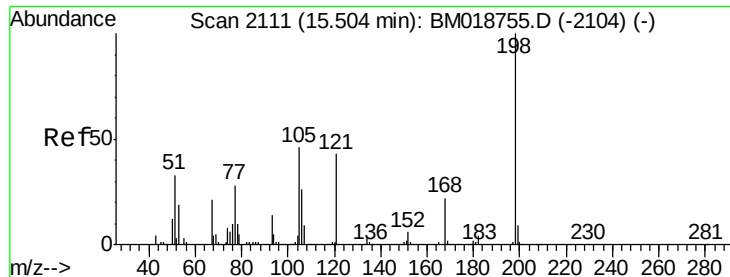
Sohil
2/13/2019 12:20:42 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	8.2	12.2	
80	12.4	9.7	14.5	





#65

4,6-Dinitro-2-methylphenol

Concen: 40.066 ng

RT: 15.51 min Scan# 2112

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

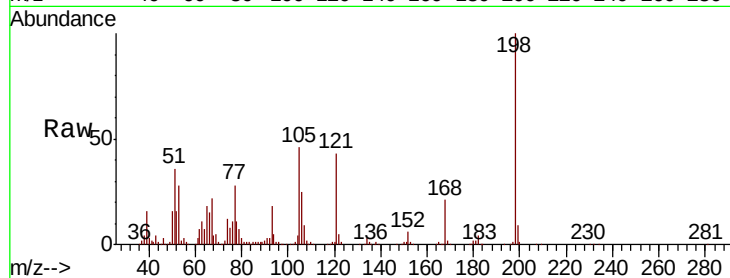
ClientSampled :

PB117038BS

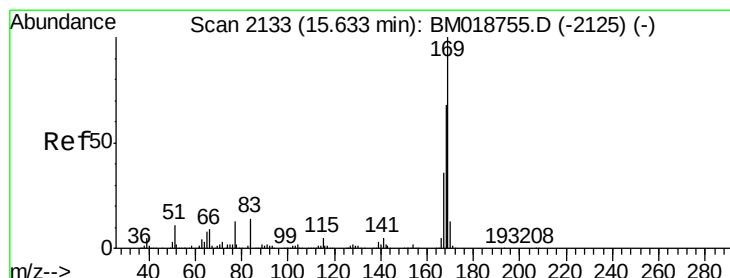
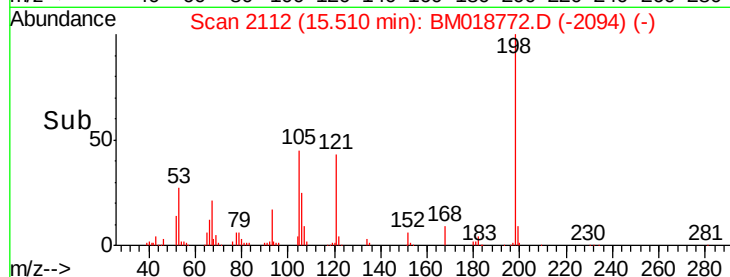
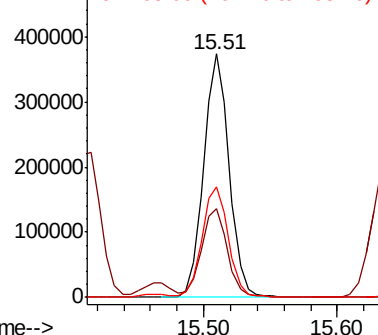
Tot Ion:	198	Resp:	498784
Ion Ratio	Lower	Upper	
198	100		
51	36.3	18.4	58.4
105	45.6	27.2	67.2

Manual Integrations
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2/13/2019 12:20:42 PM



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



#66

n-Nitrosodiphenylamine

Concen: 41.420 ng

RT: 15.63 min Scan# 2133

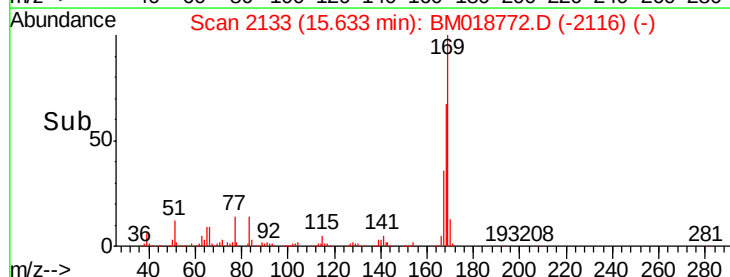
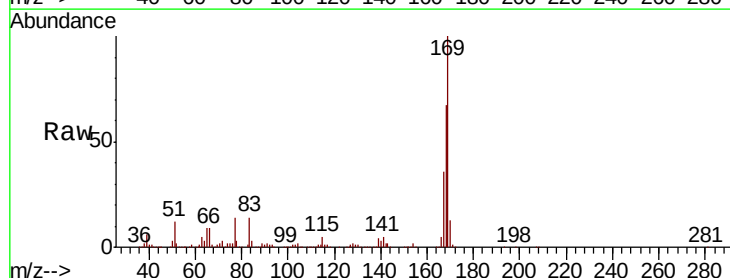
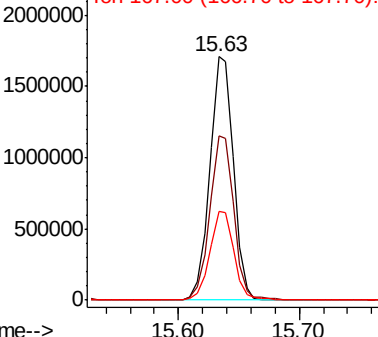
Delta R.T. -0.00 min

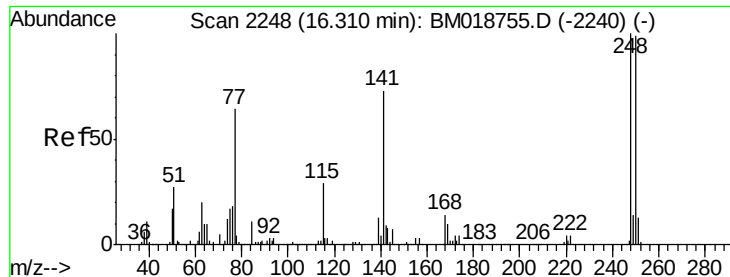
Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Tgt Ion:	169	Resp:	2320294
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.4	81.6
167	36.5	29.0	43.6

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





#67

4-Bromophenyl-phenylether

Concen: 40.325 ng

RT: 16.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

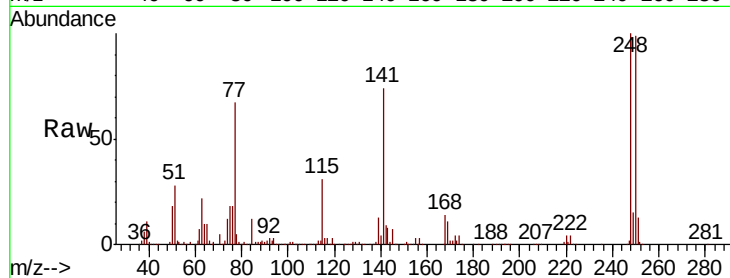
ClientSampleId :

PB117038BS

Tot Ion:	248	Resp:	800322
Ion Ratio	Lower	Upper	
248	100		
250	98.7	79.0	118.6
141	74.4	58.6	88.0

Manual Integrations
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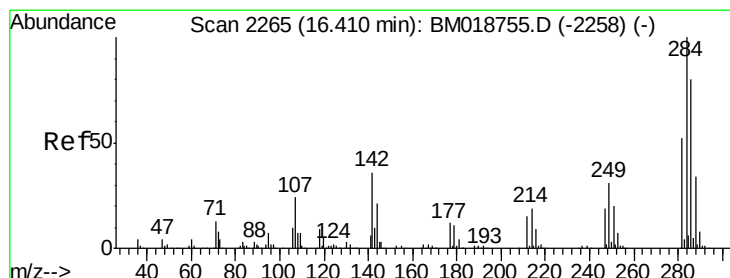
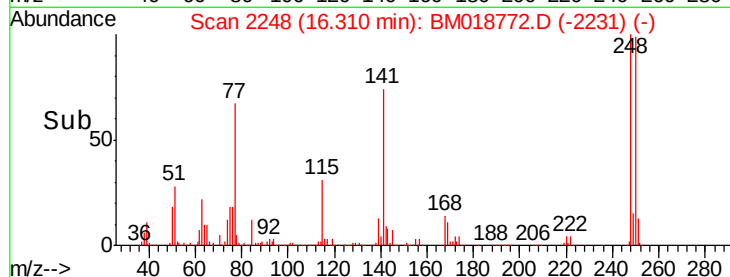
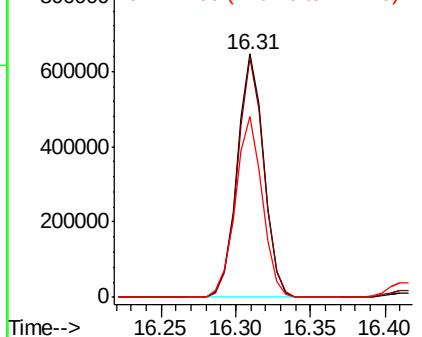


Abundance

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: 40.423 ng

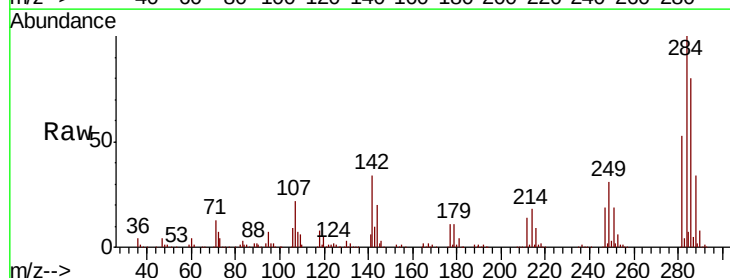
RT: 16.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Tgt Ion:	284	Resp:	932498
Ion Ratio	Lower	Upper	
284	100		
142	33.9	28.9	43.3
249	30.8	24.8	37.2

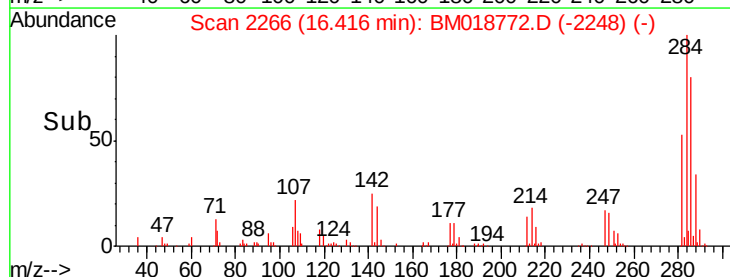
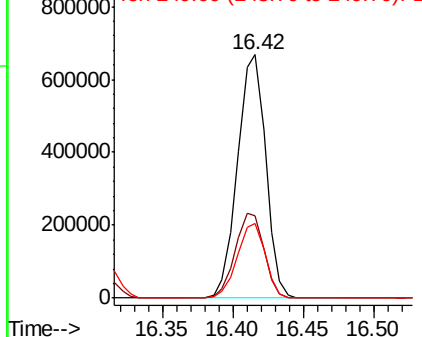


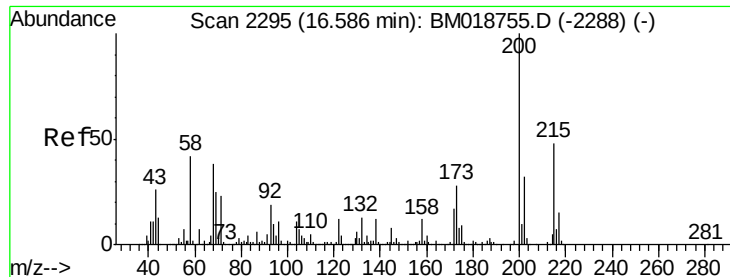
Abundance

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





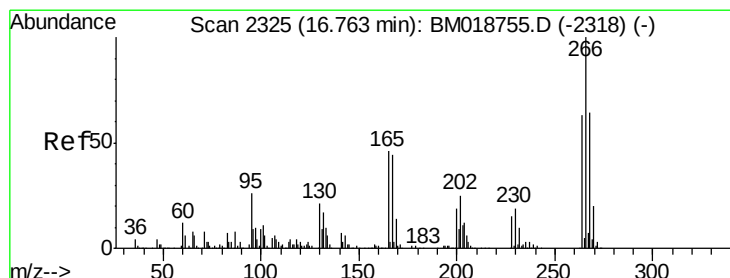
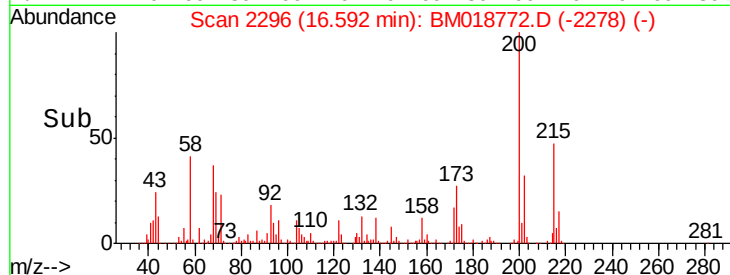
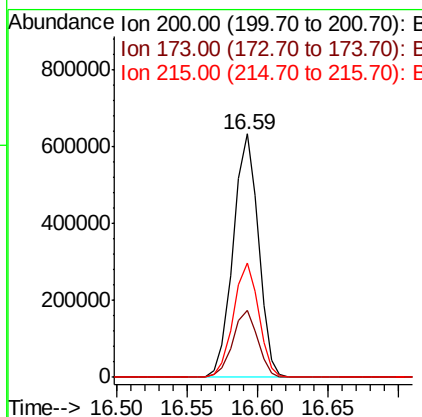
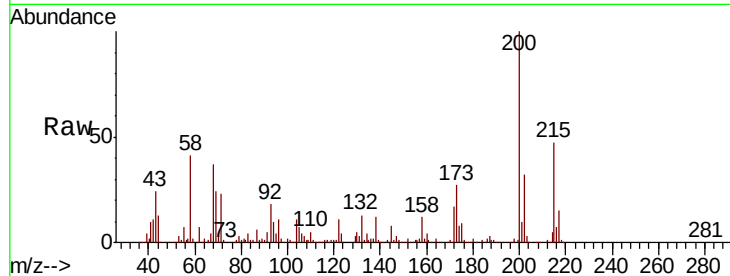
#69
Atrazine
Concen: 43.867 ng
RT: 16.59 min Scan# 2296
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	47.1	27.6	67.6

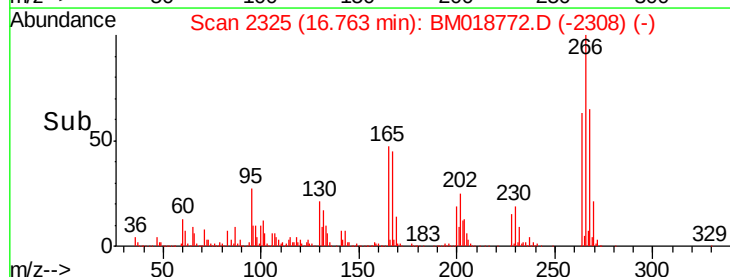
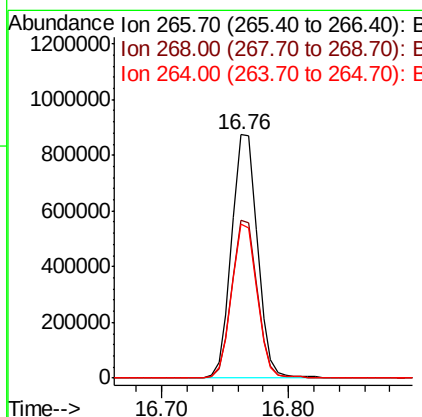
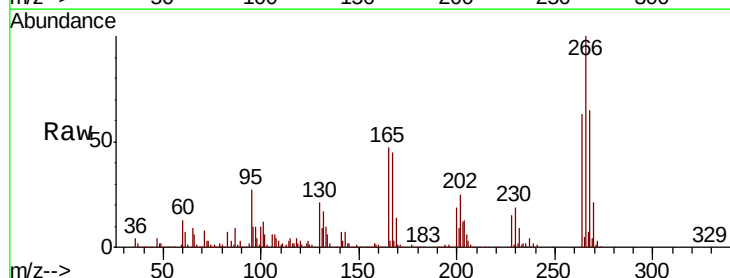
Manual Integrations
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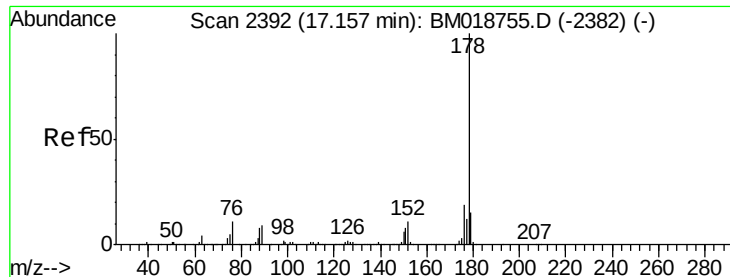
Sohil
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#70
Pentachlorophenol
Concen: 83.118 ng
RT: 16.76 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.3	76.9
264	63.4	50.6	75.8





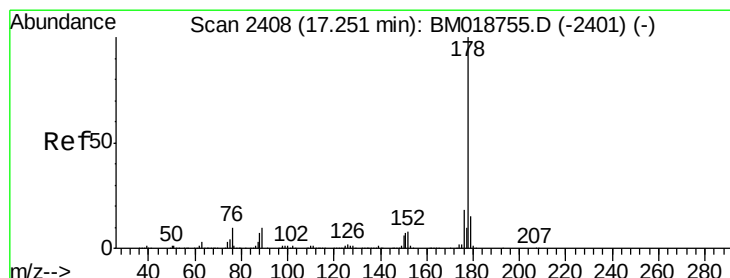
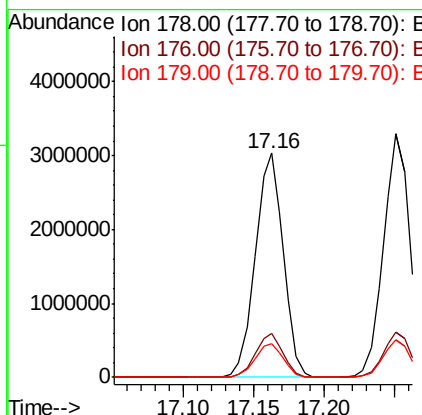
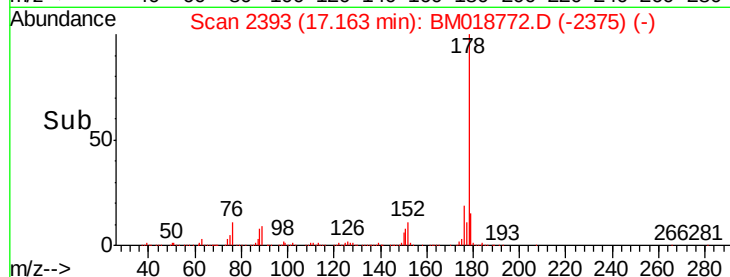
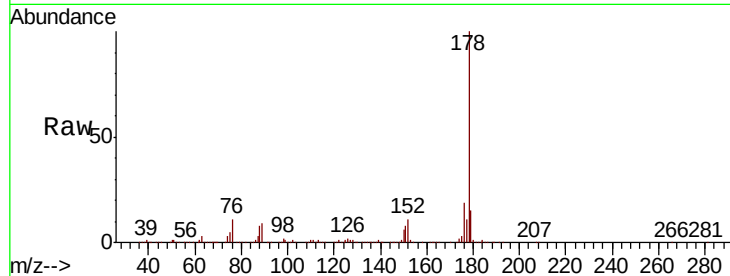
#71
Phenanthrene
Concen: 44.298 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion:178 Resp: 4221085
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.3 12.3 18.5

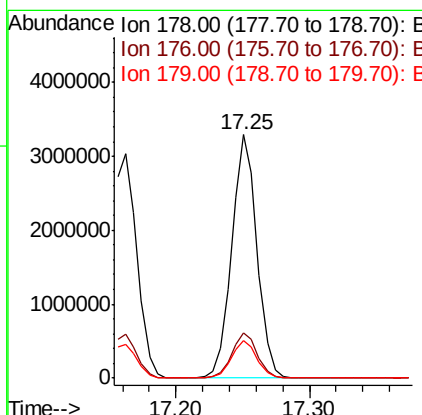
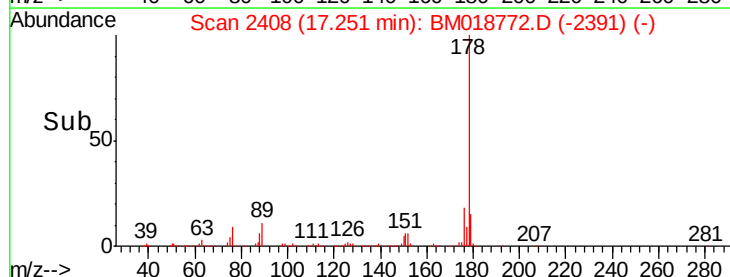
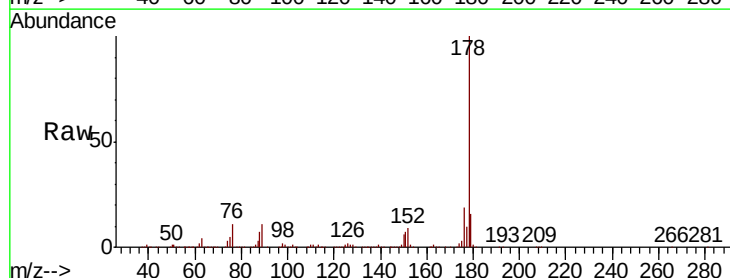
Manual Integrations
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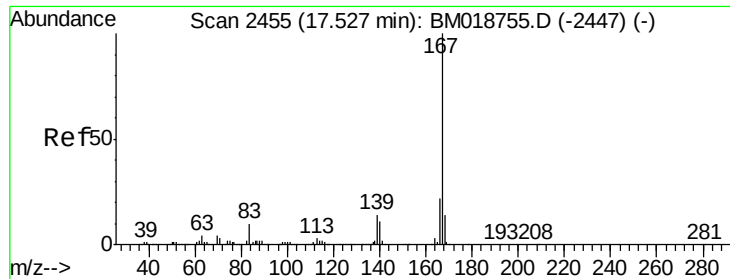
Sohil
2/13/2019 12:20:42 PM



#72
Anthracene
Concen: 46.576 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion:178 Resp: 4319822
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.5 12.1 18.1





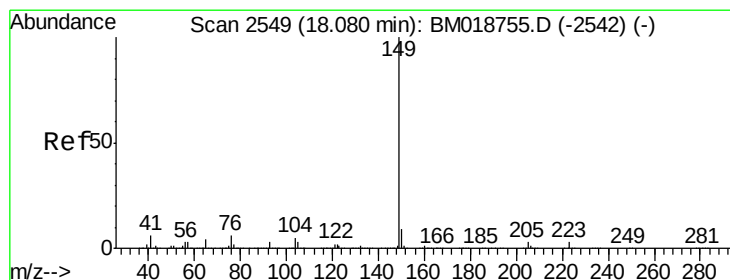
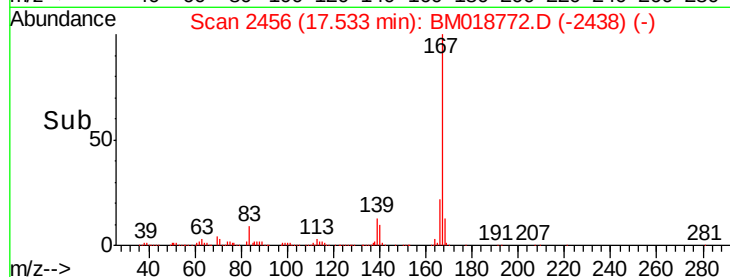
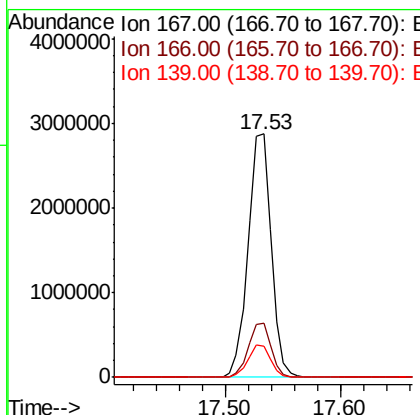
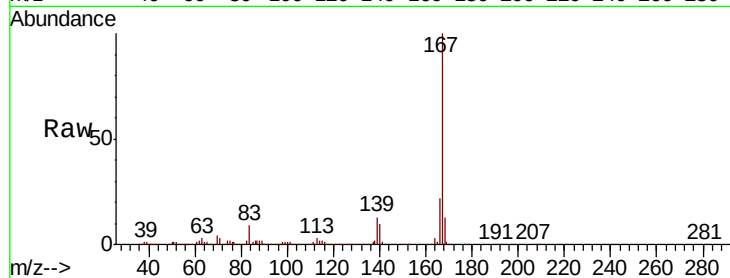
#73
 Carbazole
 Concen: 41.412 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. 0.01 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.8	10.9	16.3

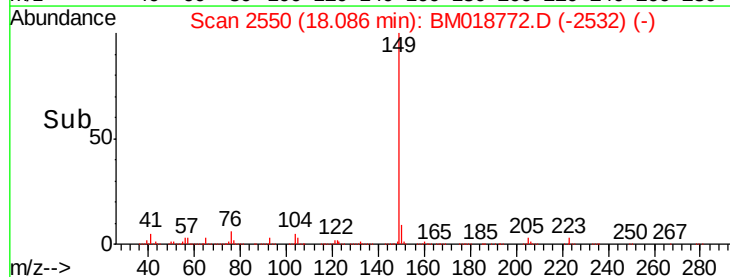
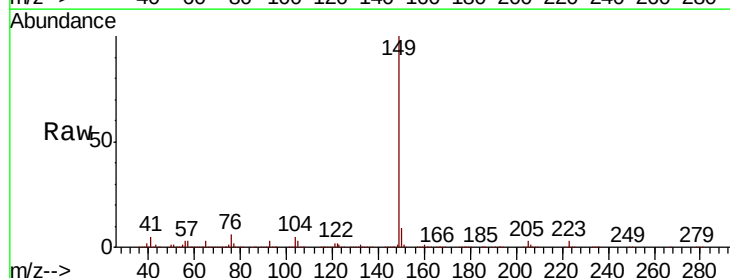
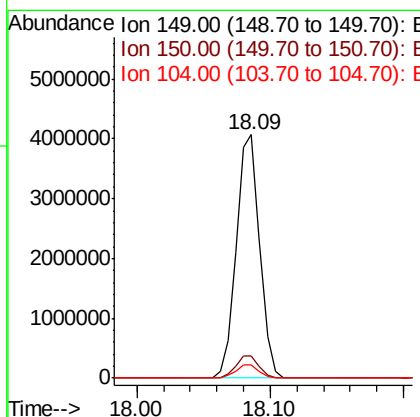
Manual Integrations
 APPROVED

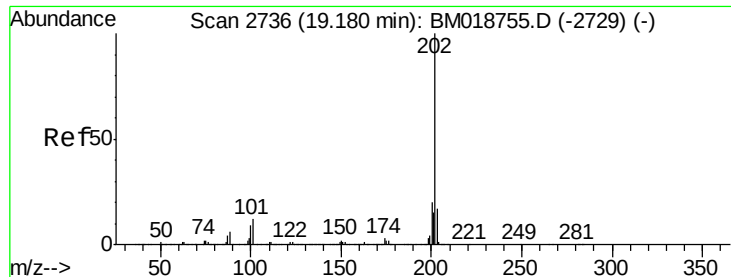
Sohil
 2/13/2019 12:20:42 PM



#74
 Di-n-butylphthalate
 Concen: 44.398 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. 0.01 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.5	4.3	6.5





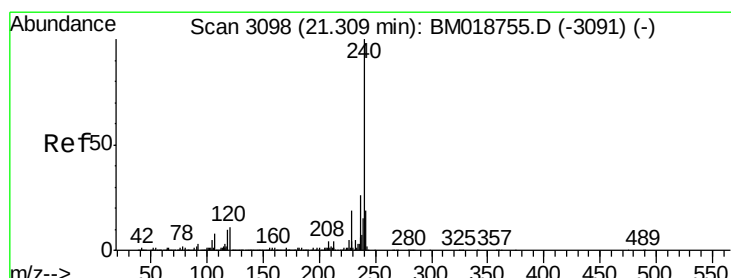
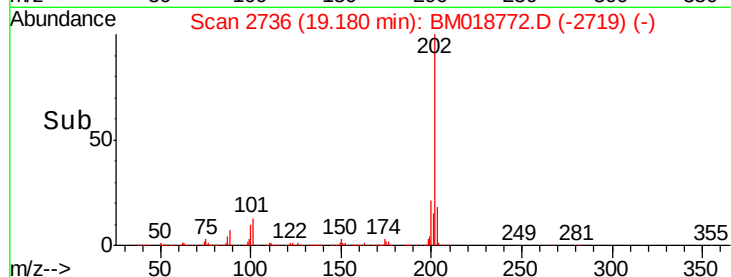
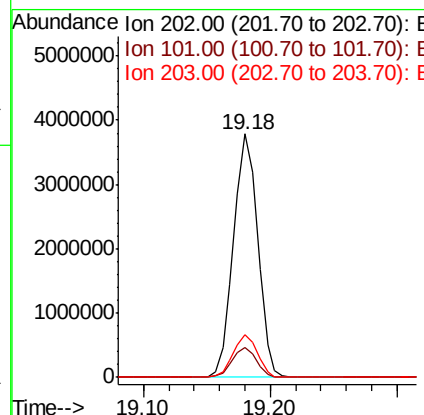
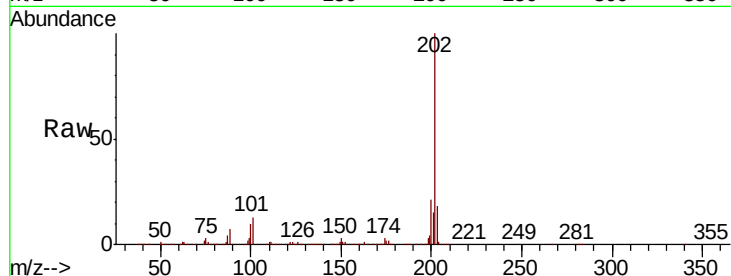
#75
 Fluoranthene
 Concen: 45.419 ng
 RT: 19.18 min Scan# 2736
 Delta R.T. -0.00 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.5
203	17.6	0.0	37.3

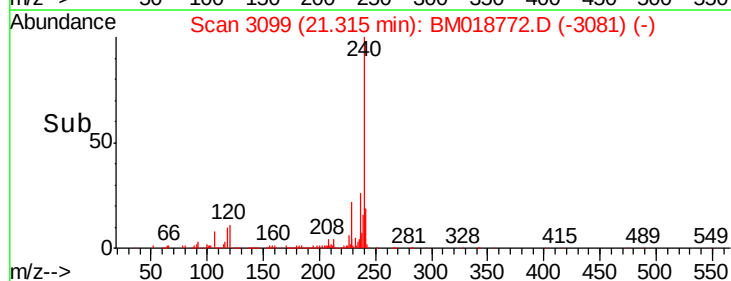
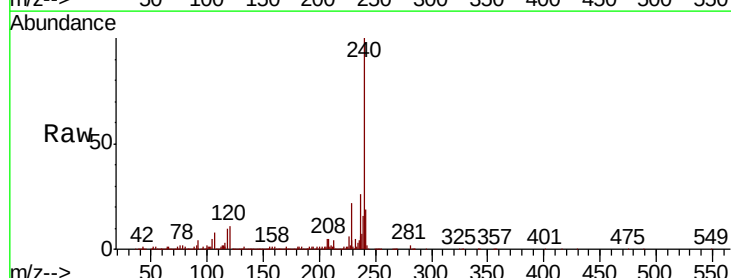
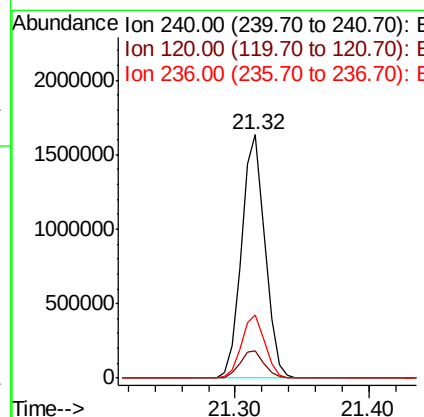
Manual Integrations
 APPROVED

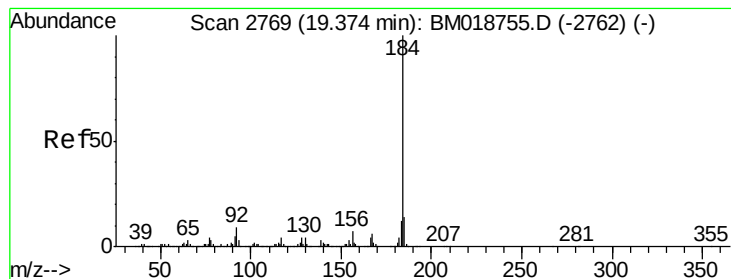
Sohil
 2/13/2019 12:20:42 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.01 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.9	13.3
236	25.7	20.9	31.3





#77

Benzidine

Concen: 129.864 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:184 Resp: 5846452

Ion Ratio Lower Upper

184 100

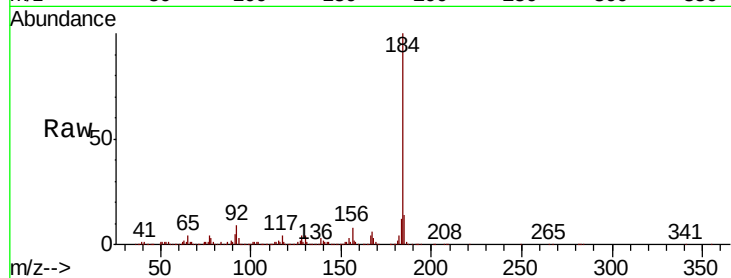
185 14.4 11.2 16.8

183 12.4 9.7 14.5

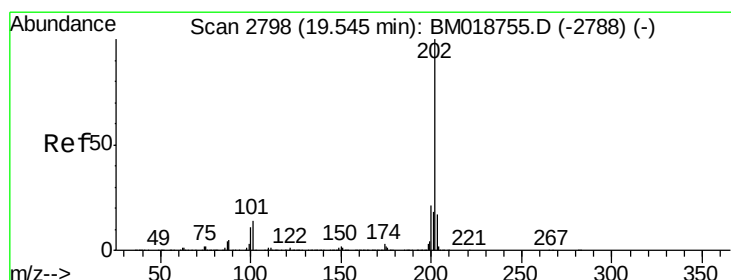
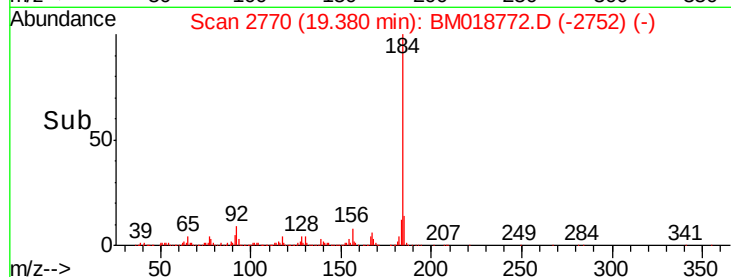
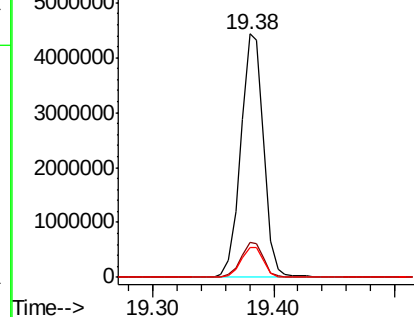
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
6000000
Ion 185.00 (184.70 to 185.70): E
5000000
Ion 183.00 (182.70 to 183.70): E
4000000
3000000
2000000
1000000
0



#78

Pyrene

Concen: 44.391 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

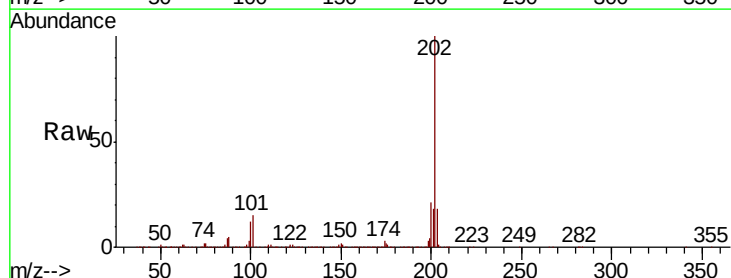
Tgt Ion:202 Resp: 5153779

Ion Ratio Lower Upper

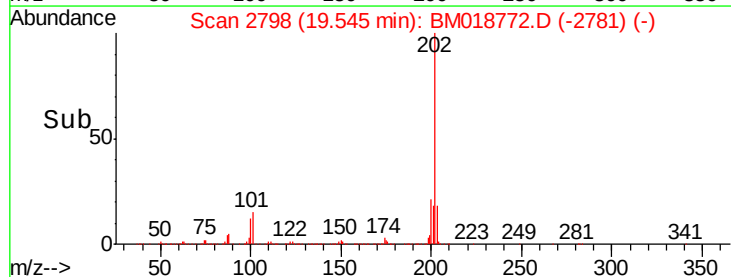
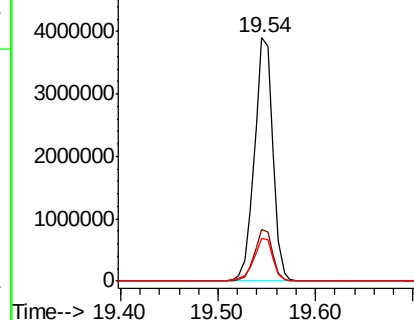
202 100

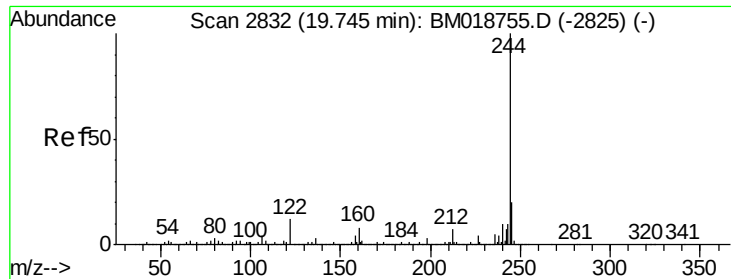
200 21.1 16.9 25.3

203 17.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E
5000000
Ion 200.00 (199.70 to 200.70): E
4000000
Ion 203.00 (202.70 to 203.70): E
3000000
2000000
1000000
0





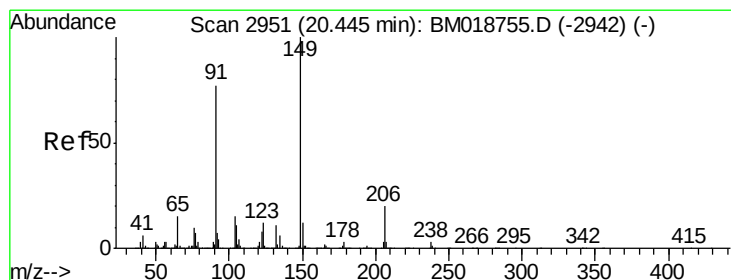
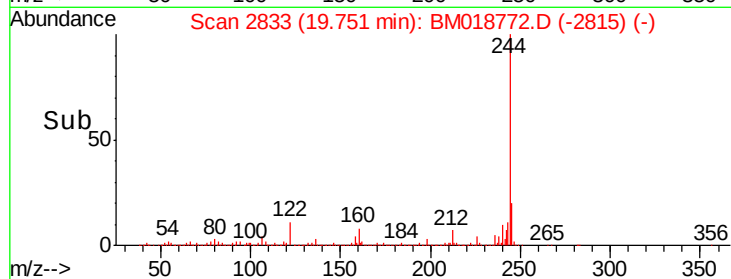
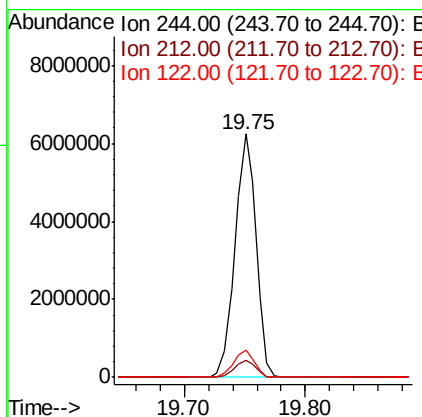
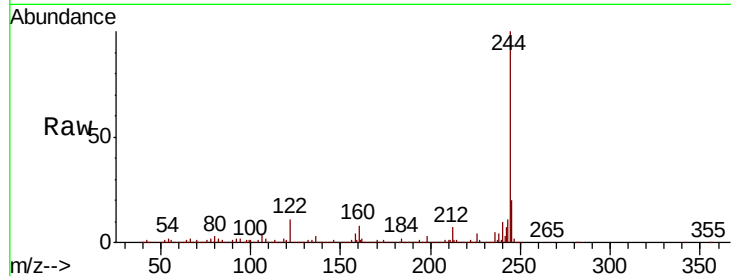
#79
 Terphenyl-d14
 Concen: 78.343 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.01 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BS

Tot Ion:244 Resp: 7591537
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 9.3 13.9

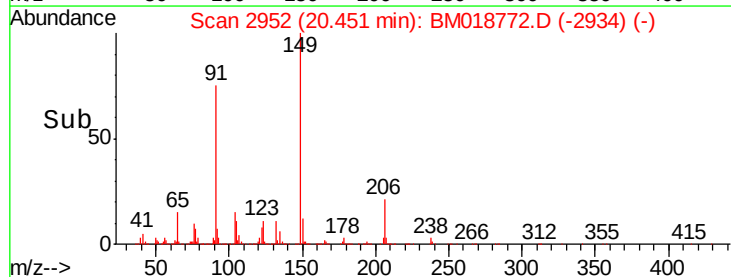
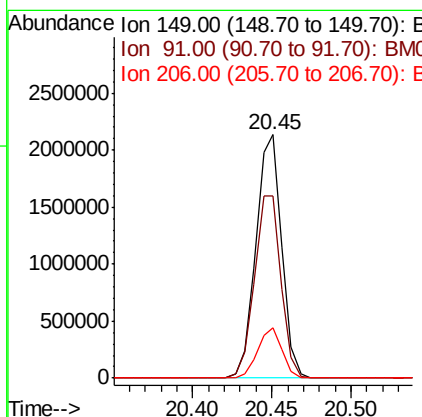
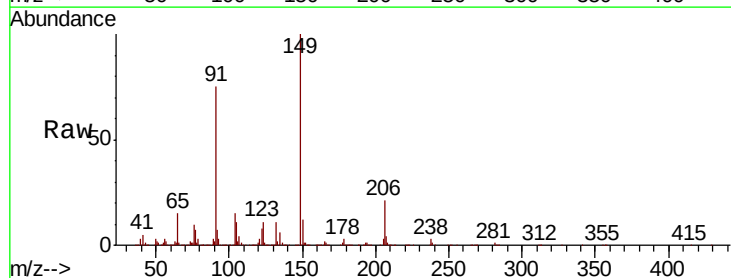
Manual Integrations
 APPROVED

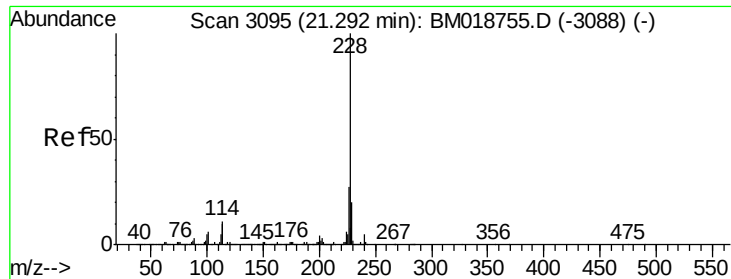
Sohil
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#80
 Butylbenzylphthalate
 Concen: 45.506 ng
 RT: 20.45 min Scan# 2952
 Delta R.T. 0.01 min
 Lab File: BM018772.D
 Acq: 12 Feb 2019 14:46

Tgt Ion:149 Resp: 2407747
 Ion Ratio Lower Upper
 149 100
 91 74.8 61.4 92.0
 206 20.8 15.8 23.8





#81

Benzo(a)anthracene

Concen: 45.166 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

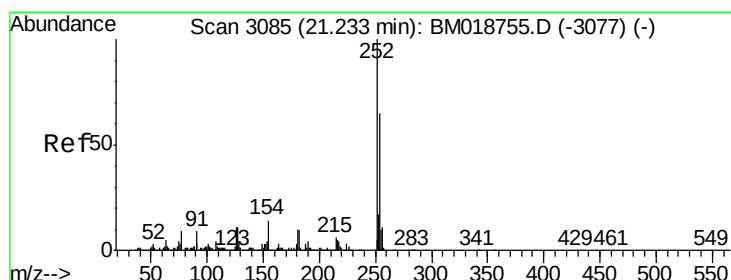
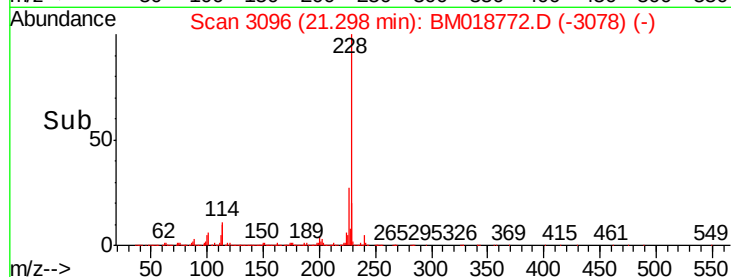
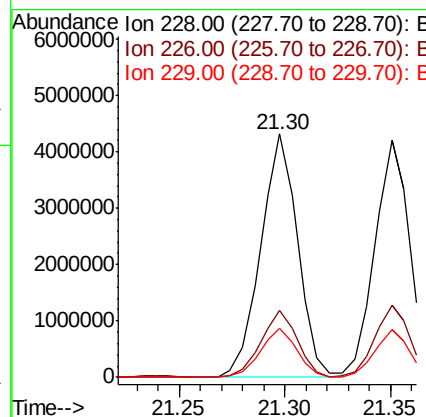
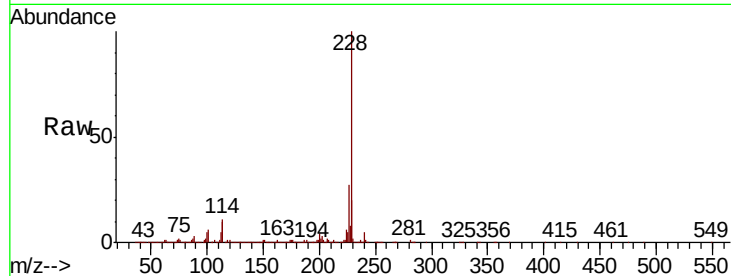
ClientSampleId :

PB117038BS

Tot Ion:	228	Resp:	5262910
Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	20.1	15.9	23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 44.925 ng

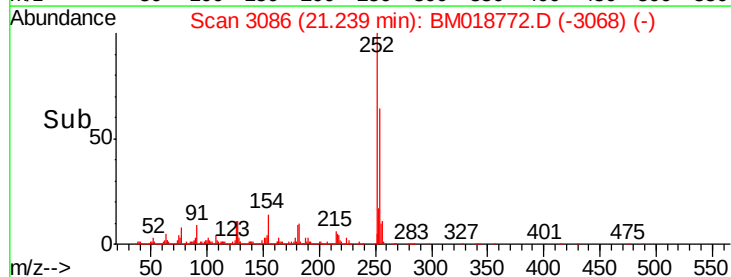
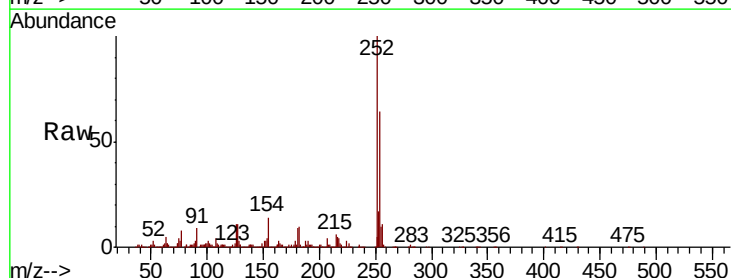
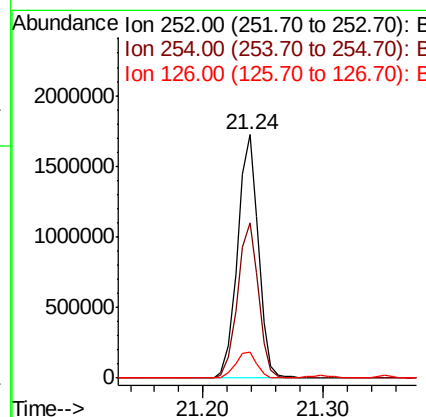
RT: 21.24 min Scan# 3086

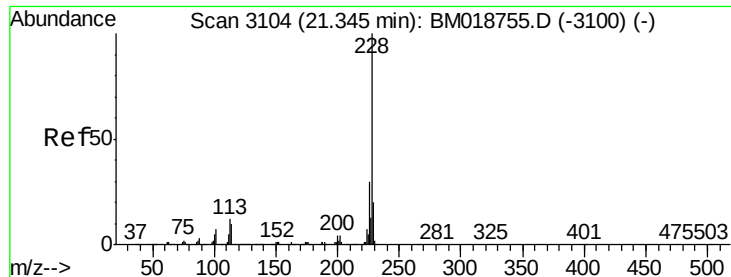
Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Tgt Ion:	252	Resp:	2068894
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.8	77.8
126	10.7	9.1	13.7





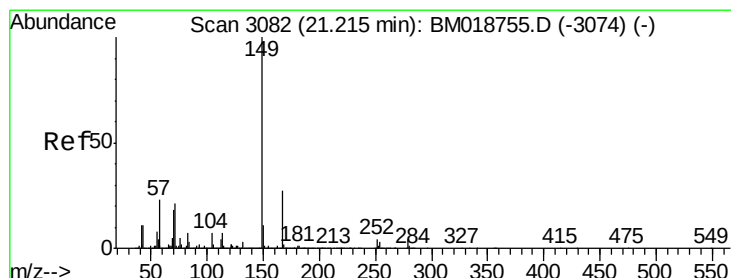
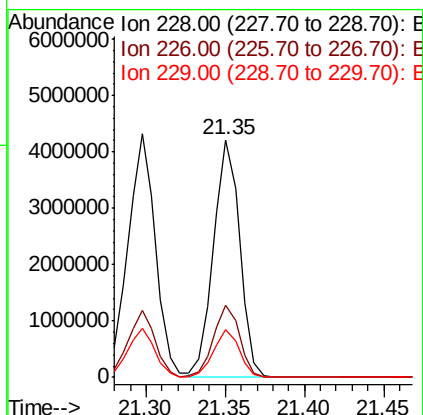
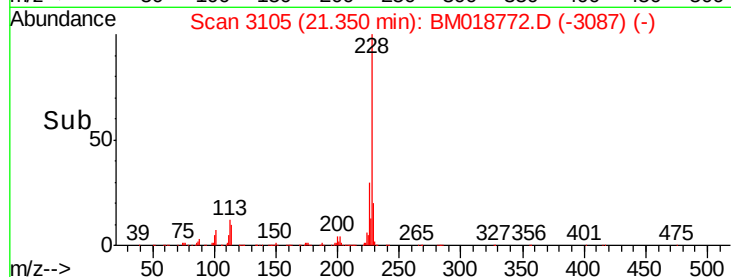
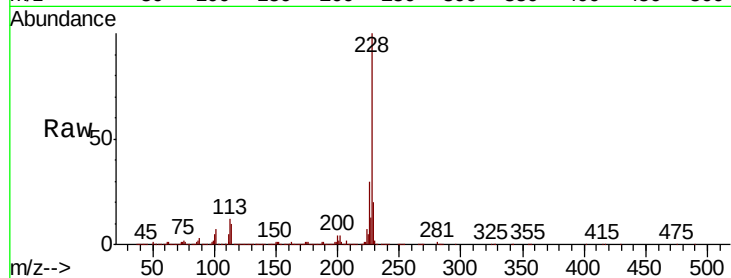
#83
Chrysene
Concen: 43.261 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.1	36.1
229	20.1	16.0	24.0

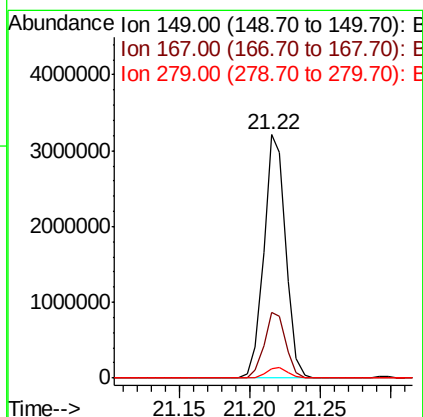
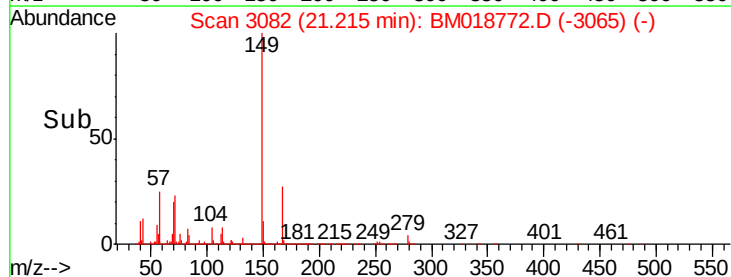
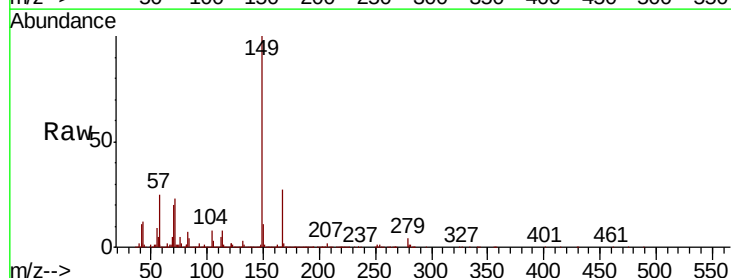
Manual Integrations
APPROVED

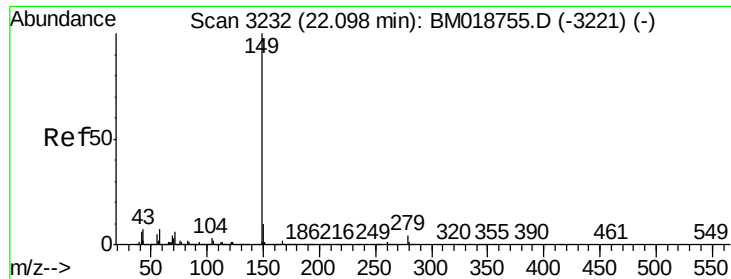
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.131 ng
RT: 21.22 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.6
279	3.9	3.6	5.4





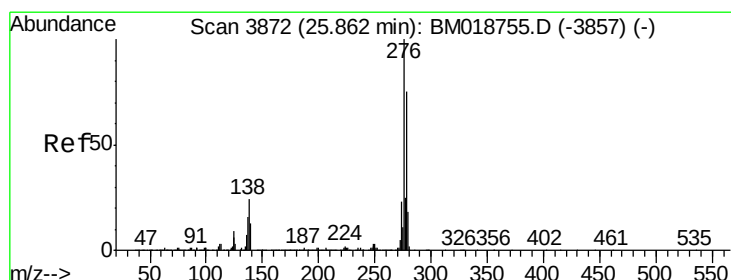
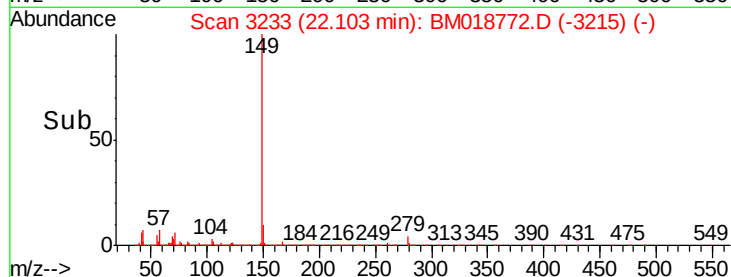
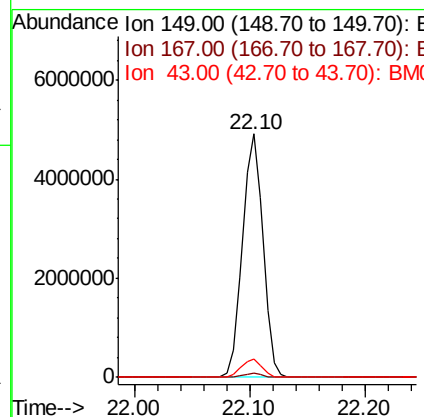
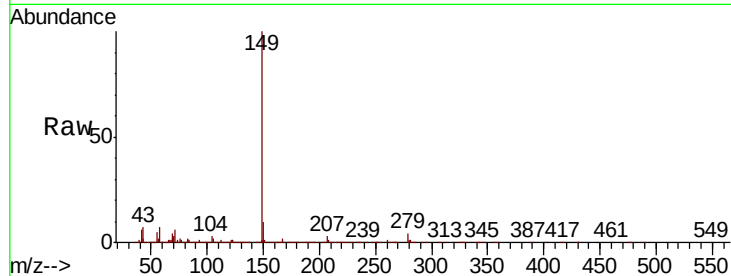
#85
Di-n-octyl phthalate
Concen: 46.324 ng
RT: 22.10 min Scan# 3233
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.4	6.0	9.0

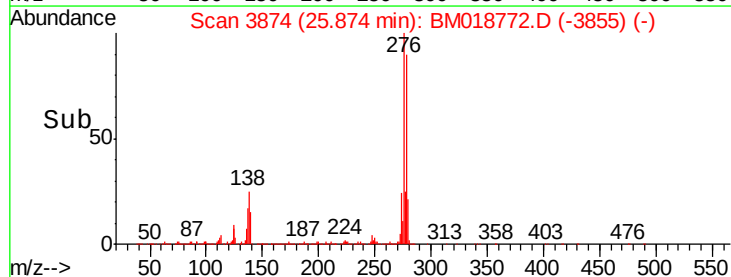
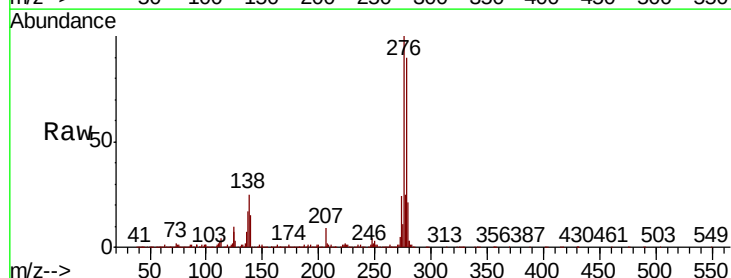
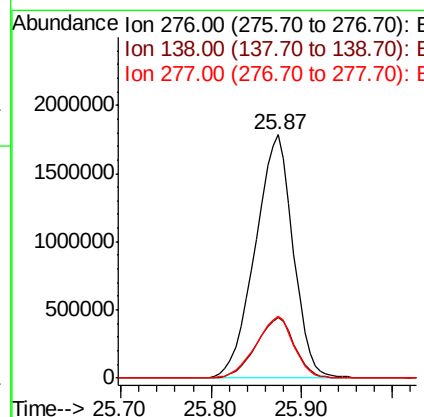
Manual Integrations
APPROVED

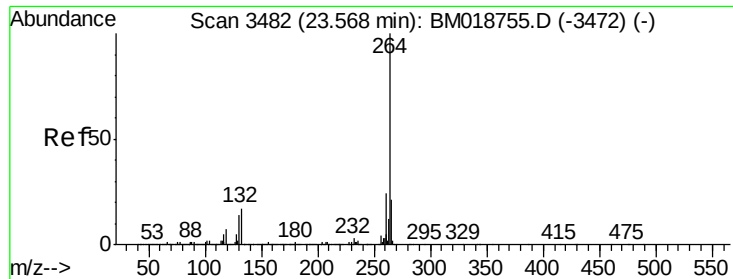
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.113 ng
RT: 25.87 min Scan# 3874
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.4
277	25.4	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: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:264 Resp: 1901089

Ion Ratio Lower Upper

264 100

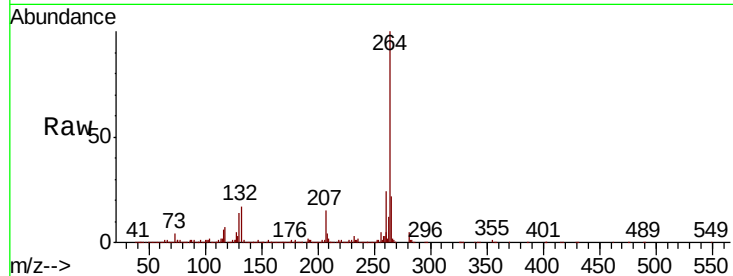
260 24.4 18.9 28.3

265 22.0 17.3 25.9

Manual Integrations
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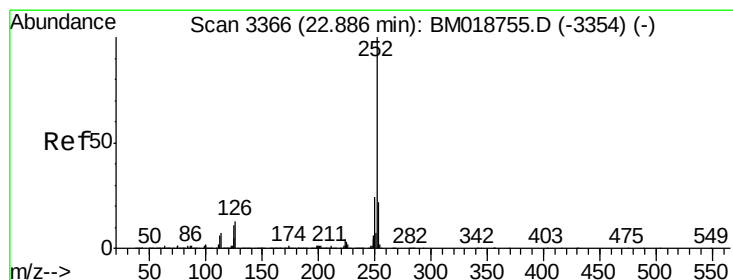
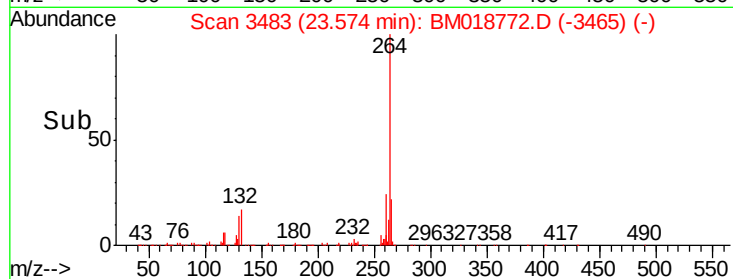
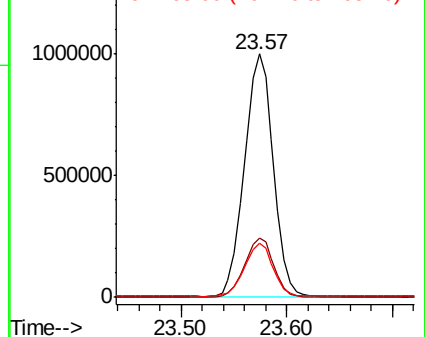
2/13/2019 12:20:42 PM



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: 47.122 ng

RT: 22.89 min Scan# 3367

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

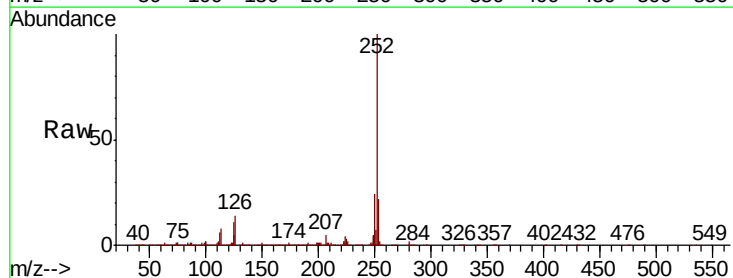
Tgt Ion:252 Resp: 5125426

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

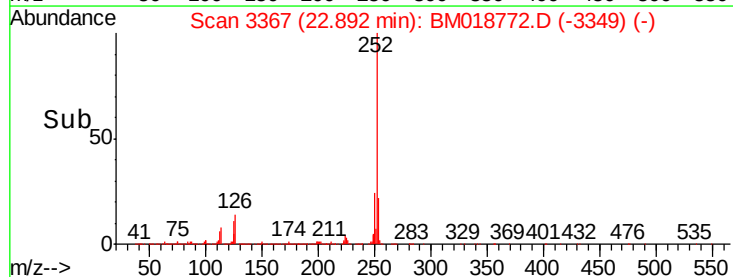
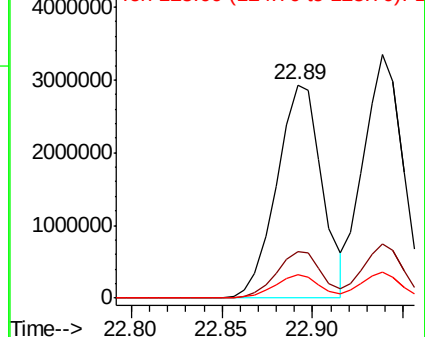
125 10.8 8.6 12.8

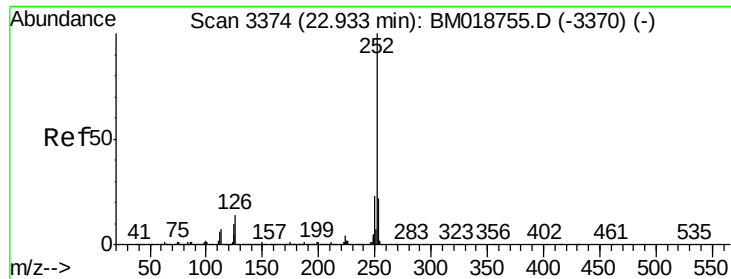


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





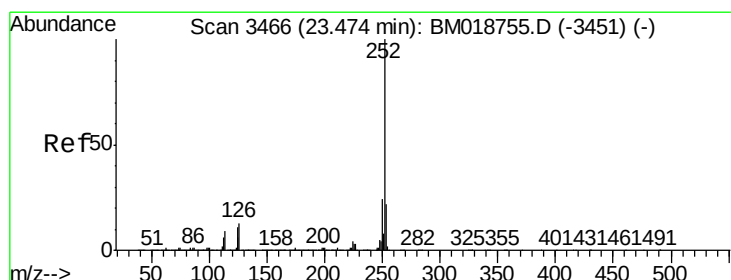
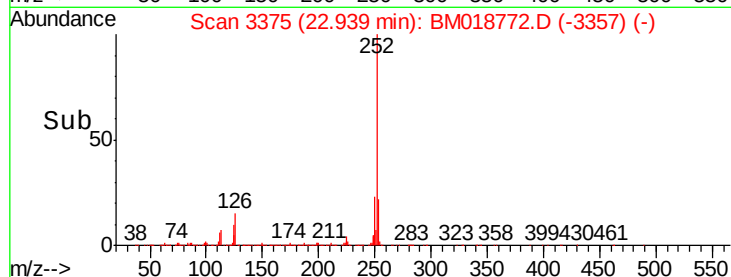
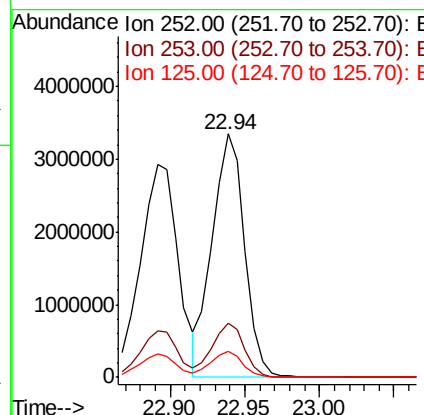
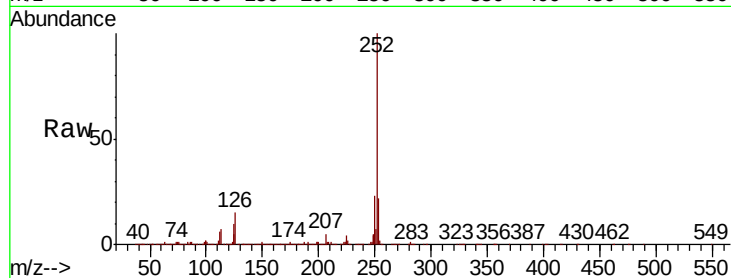
#89
Benzo(k)fluoranthene
Concen: 46.667 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.01 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Instrument :
BNA_M
ClientSampleId :
PB117038BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.4	8.2	12.4

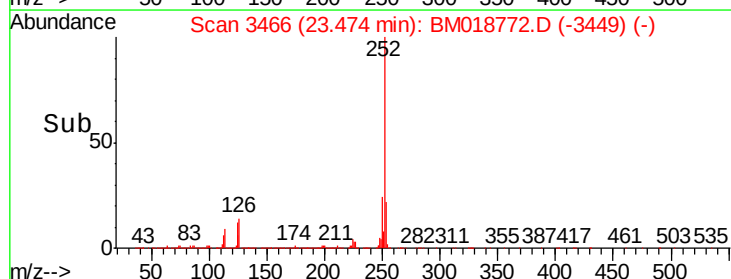
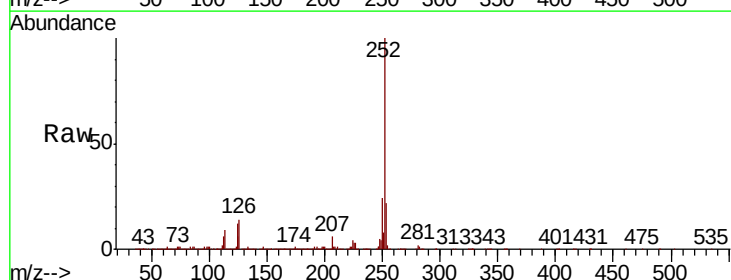
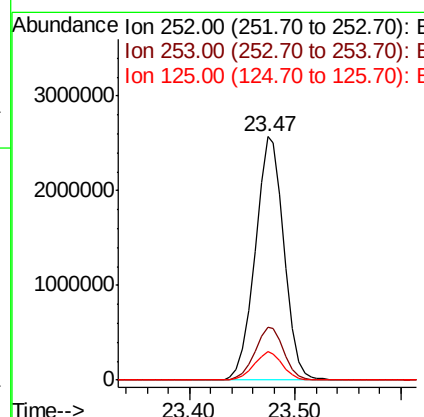
Manual Integrations
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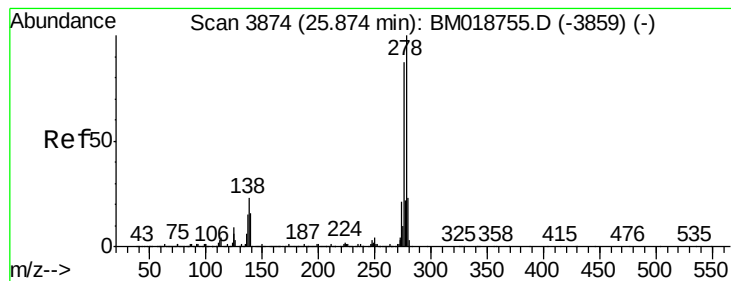
Sohil
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#90
Benzo(a)pyrene
Concen: 47.118 ng
RT: 23.47 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BM018772.D
Acq: 12 Feb 2019 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.6	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 43.504 ng

RT: 25.88 min Scan# 3875

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

Instrument :

BNA_M

ClientSampleId :

PB117038BS

Tot Ion:278 Resp: 4441110

Ion Ratio Lower Upper

278 100

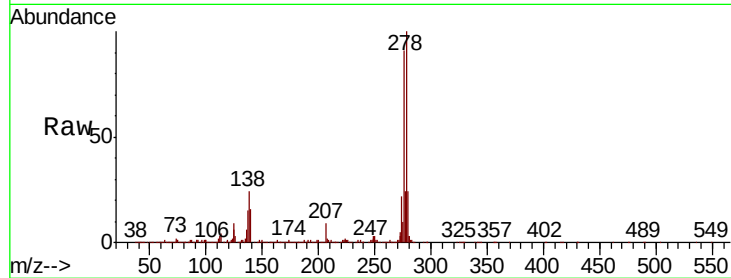
139 16.1 12.6 18.8

279 24.1 18.6 28.0

Manual Integrations
APPROVED

Sohil

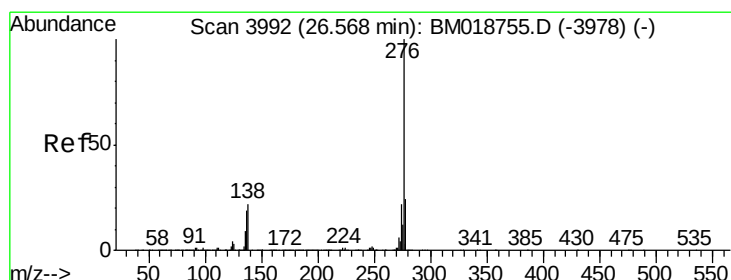
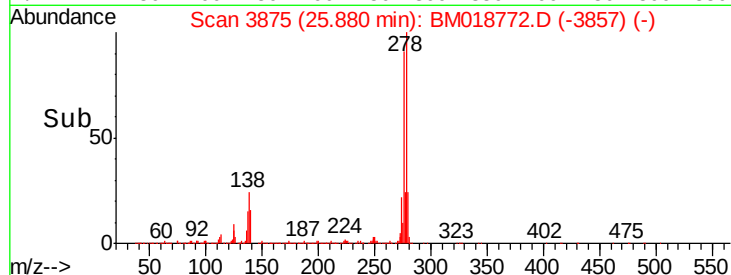
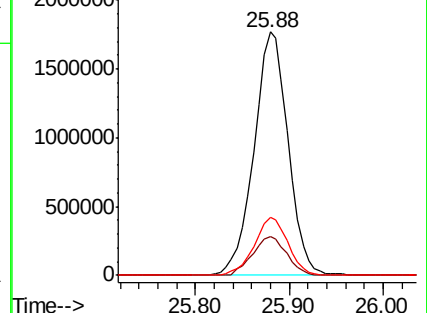
2/13/2019 12:20:42 PM



Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.749 ng

RT: 26.57 min Scan# 3993

Delta R.T. 0.01 min

Lab File: BM018772.D

Acq: 12 Feb 2019 14:46

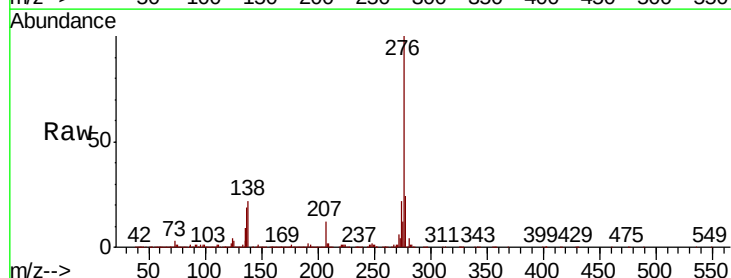
Tgt Ion:276 Resp: 4062776

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 21.7 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

