

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021219\
 Data File : BM018801.D
 Acq On : 13 Feb 2019 11:57
 Operator : JU/SJ
 Sample : PB117038BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Manual Integrations
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Sohil
 2/13/2019 1:37:45 PM

Quant Time: Feb 13 13:03:18 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	7.71	152	288697	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1242784	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	741715	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1697411	20.00	ng	0.00
76) Chrysene-d12	21.31	240	1847288	20.00	ng	0.00
87) Perylene-d12	23.56	264	1752659	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1403692	79.67	ng	0.00
7) Phenol-d6	6.89	99	2061867	83.07	ng	0.00
23) Nitrobenzene-d5	8.88	82	2198494	81.80	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	885554	82.83	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	4459421	79.81	ng	0.00
79) Terphenyl-d14	19.75	244	8157780	91.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	315608	41.125	ng	99
3) Pyridine	3.65	79	966547	46.173	ng	99
4) n-Nitrosodimethylamine	3.57	42	267340	50.202	ng	95
6) Aniline	7.05	93	1420382	46.703	ng	99
8) 2-Chlorophenol	7.28	128	845635	43.713	ng	98
9) Benzaldehyde	6.87	77	625393	48.847	ng	99
10) Phenol	6.91	94	1162548	44.512	ng	99
11) bis(2-Chloroethyl)ether	7.15	93	857104	43.021	ng	100
12) 1,3-Dichlorobenzene	7.59	146	900263	41.386	ng	99
13) 1,4-Dichlorobenzene	7.75	146	919199	41.508	ng	99
14) 1,2-Dichlorobenzene	8.06	146	888272	41.759	ng	99
15) Benzyl Alcohol	7.96	79	898009	45.531	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.24	45	815716	42.303	ng	98
17) 2-Methylphenol	8.15	107	747097	44.943	ng	99
18) Hexachloroethane	8.78	117	341469	42.240	ng	98
19) n-Nitroso-di-n-propylamine	8.52	70	856360	44.558	ng	100
20) 3+4-Methylphenols	8.49	107	1029010	44.829	ng	98
22) Acetophenone	8.54	105	1420659	41.626	ng	# 99
24) Nitrobenzene	8.92	77	1188885	42.614	ng	100
25) Isophorone	9.44	82	2152715	50.196	ng	99
26) 2-Nitrophenol	9.62	139	481202	43.311	ng	99
27) 2,4-Dimethylphenol	9.68	122	808044	49.795	ng	99
28) bis(2-Chloroethoxy)methane	9.92	93	1234879	44.528	ng	100
29) 2,4-Dichlorophenol	10.15	162	824952	44.274	ng	99
30) 1,2,4-Trichlorobenzene	10.36	180	879289	40.862	ng	98
31) Naphthalene	10.55	128	2721098	44.894	ng	99
32) Benzoic acid	9.84	122	570324m	40.290	ng	
33) 4-Chloroaniline	10.68	127	1222139	45.107	ng	99
34) Hexachlorobutadiene	10.82	225	483576	38.717	ng	99
35) Caprolactam	11.50	113	301045m	39.588	ng	
36) 4-Chloro-3-methylphenol	11.80	107	998183	44.432	ng	99
37) 2-Methylnaphthalene	12.17	142	2035952	47.709	ng	99
38) 1-Methylnaphthalene	12.39	142	1933819	46.341	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.53	216	966259	40.724	ng	99

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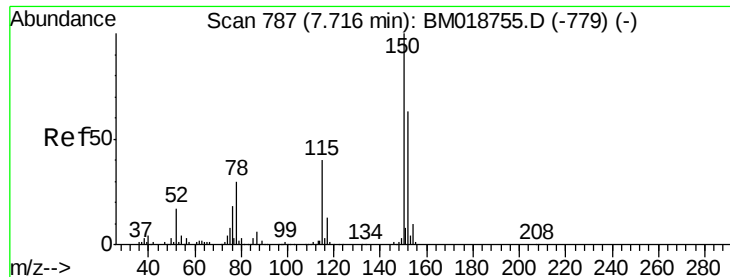
Manual Integrations
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 2/13/2019 1:37:45 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1243786	102.531	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	688449	43.830	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	725465	44.066	ng	99
46) 1,1'-Biphenyl	13.19	154	2585329	40.494	ng	100
47) 2-Chloronaphthalene	13.23	162	2016071	40.883	ng	99
48) 2-Nitroaniline	13.46	65	728751	44.496	ng	98
49) Acenaphthylene	14.08	152	3362072	45.787	ng	99
50) Dimethylphthalate	13.83	163	2645360	42.795	ng	99
51) 2,6-Dinitrotoluene	13.96	165	587866	43.902	ng	97
52) Acenaphthene	14.43	154	1917052	42.578	ng	99
53) 3-Nitroaniline	14.29	138	629030	41.576	ng	99
54) 2,4-Dinitrophenol	14.50	184	509599	61.419	ng	97
55) Dibenzofuran	14.76	168	3127332	42.259	ng	100
56) 4-Nitrophenol	14.60	139	1031165	85.378	ng	99
57) 2,4-Dinitrotoluene	14.75	165	837155	45.376	ng	99
58) Fluorene	15.41	166	2566058	45.324	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.99	232	678382	46.618	ng	99
60) Diethylphthalate	15.19	149	2733863	42.875	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	1272448	40.086	ng	98
62) 4-Nitroaniline	15.46	138	634922	42.806	ng	100
63) Azobenzene	15.70	77	2933914	42.913	ng	98
65) 4,6-Dinitro-2-methylphenol	15.50	198	405472	34.023	ng	99
66) n-Nitrosodiphenylamine	15.63	169	2245267	41.867	ng	100
67) 4-Bromophenyl-phenylether	16.30	248	766822	40.360	ng	98
68) Hexachlorobenzene	16.41	284	896311	40.586	ng	95
69) Atrazine	16.59	200	774702	44.809	ng	99
70) Pentachlorophenol	16.76	266	1134026	79.751	ng	99
71) Phenanthrene	17.16	178	4076849	44.692	ng	100
72) Anthracene	17.25	178	4187591	47.164	ng	100
73) Carbazole	17.53	167	3850569	41.510	ng	99
74) Di-n-butylphthalate	18.08	149	4745452	44.482	ng	100
75) Fluoranthene	19.17	202	4788734	45.446	ng	98
77) Benzidine	19.38	184	5429129	130.497	ng	100
78) Pyrene	19.54	202	4919727	45.855	ng	100
80) Butylbenzylphthalate	20.45	149	2272242	46.471	ng	100
81) Benzo(a)anthracene	21.29	228	4892203	45.432	ng	100
82) 3,3'-Dichlorobenzidine	21.23	252	1877007	44.105	ng	99
83) Chrysene	21.34	228	4575273	44.329	ng	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	3304240	46.172	ng	99
85) Di-n-octyl phthalate	22.10	149	5651326	46.985	ng	100
86) Indeno(1,2,3-cd)pyrene	25.86	276	4705516	39.488	ng	100
88) Benzo(b)fluoranthene	22.89	252	4817244	48.040	ng	100
89) Benzo(k)fluoranthene	22.93	252	4591711	45.995	ng	100
90) Benzo(a)pyrene	23.47	252	4442381	46.765	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	4031191	42.833	ng	99
92) Benzo(g,h,i)perylene	26.56	276	3665943	41.840	ng	100

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



#1

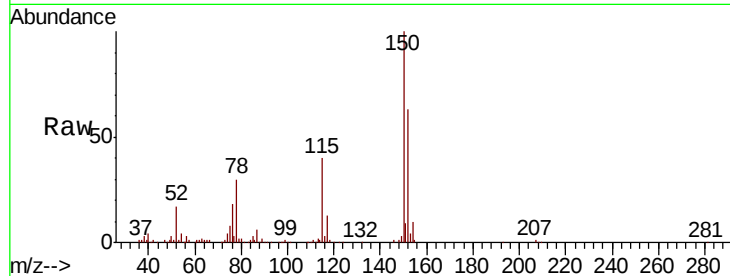
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	127.3	190.9
115	63.5	50.8	76.2

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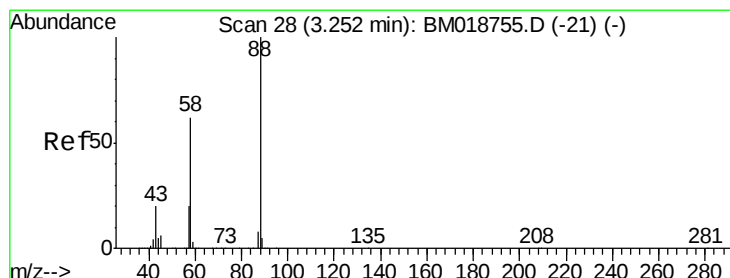
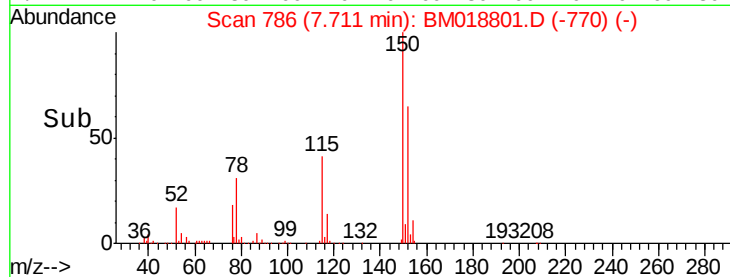
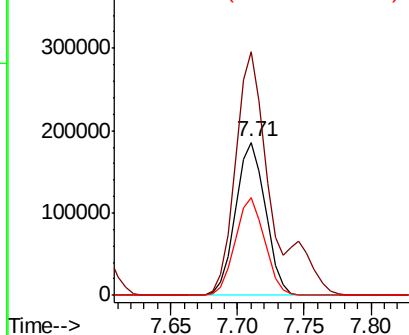


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

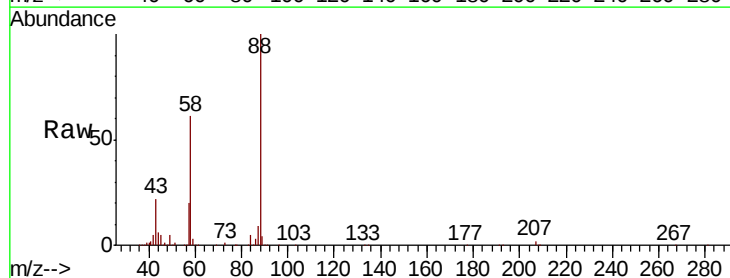
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.125 ng
RT: 3.25 min Scan# 28
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	49.8	74.6
43	21.5	16.7	25.1

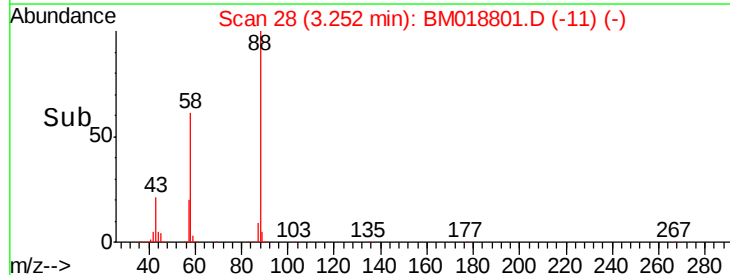
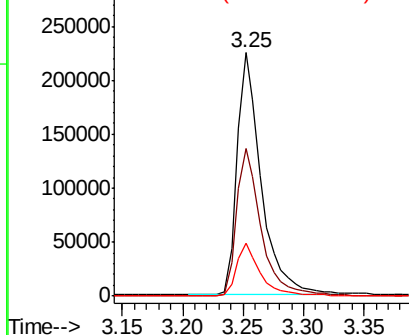


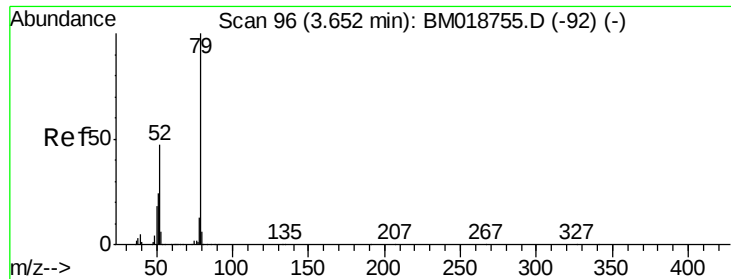
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 46.173 ng

RT: 3.65 min Scan# 96

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

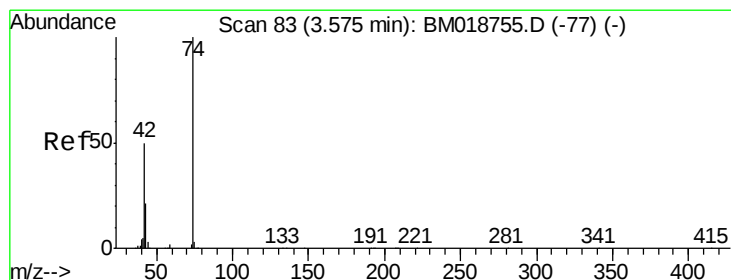
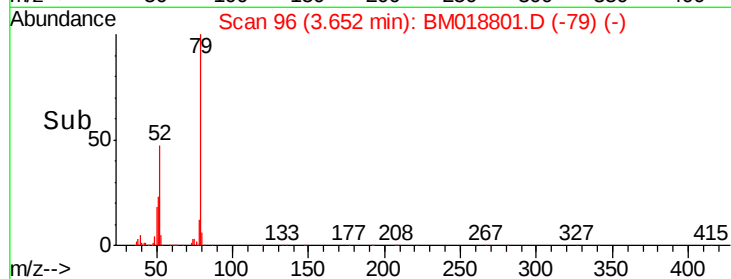
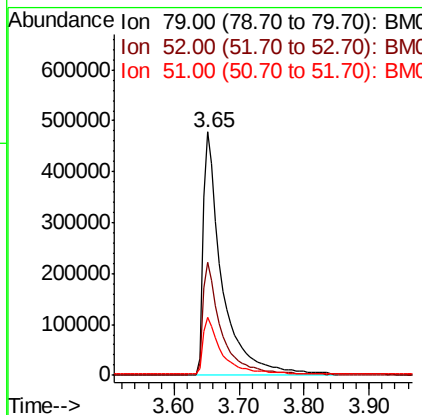
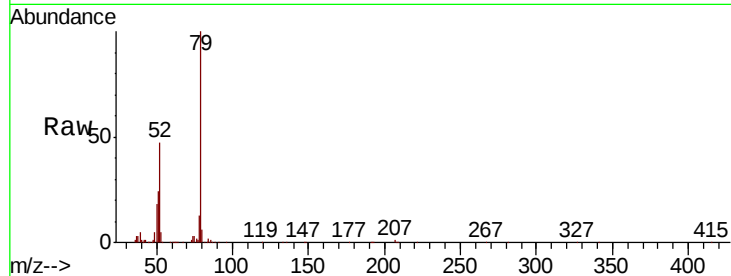
ClientSampleId :

PB117038BSD

Tot Ion:	79	Resp:	966547
Ion	Ratio	Lower	Upper
79	100		
52	46.7	37.6	56.4
51	24.0	19.7	29.5

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#4

n-Nitrosodimethylamine

Concen: 50.202 ng

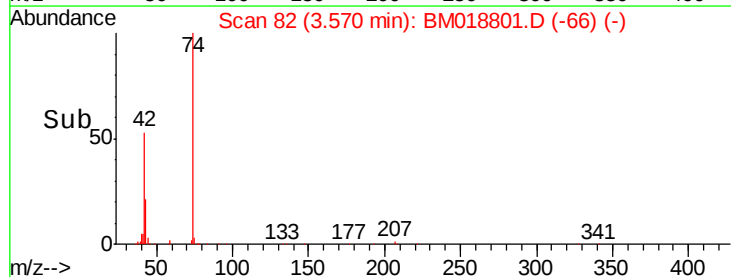
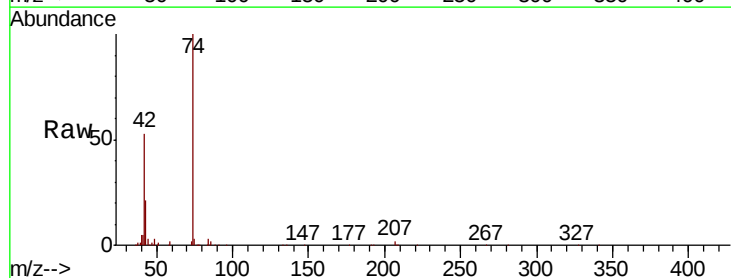
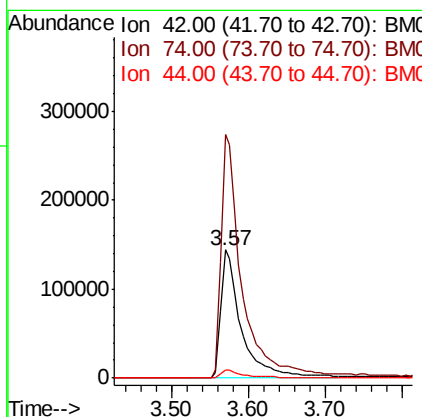
RT: 3.57 min Scan# 82

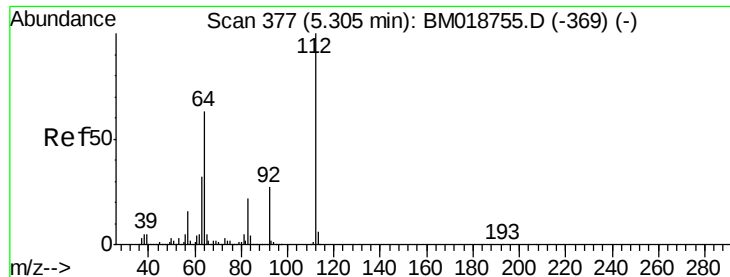
Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:	42	Resp:	267340
Ion	Ratio	Lower	Upper
42	100		
74	189.8	158.1	237.1
44	6.4	4.9	7.3





#5

2-Fluorophenol

Concen: 79.665 ng

RT: 5.30 min Scan# 376

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:112 Resp: 1403692

Ion Ratio Lower Upper

112 100

64 63.9 50.6 75.8

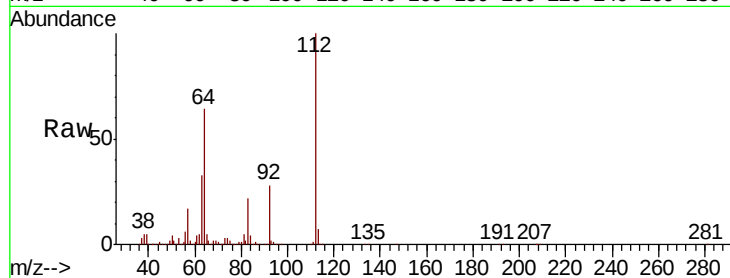
63 32.8 25.7 38.5

Manual Integrations

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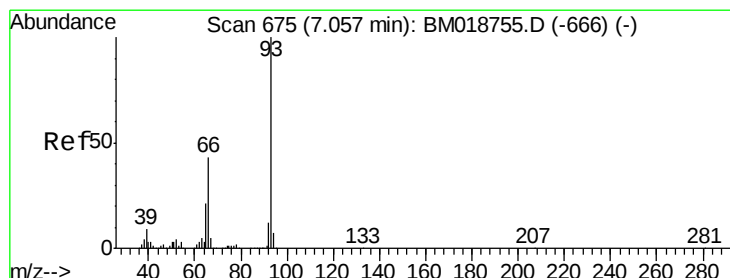
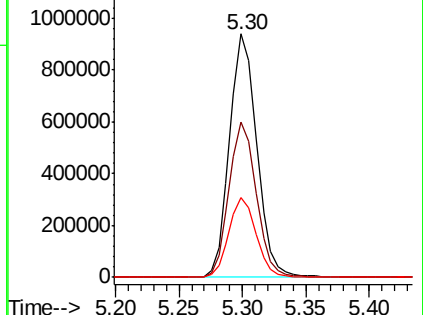
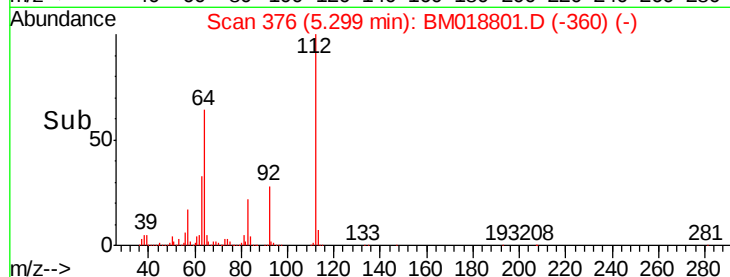
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 46.703 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

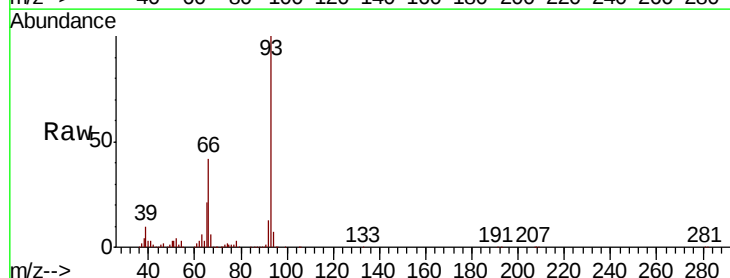
Tgt Ion: 93 Resp: 1420382

Ion Ratio Lower Upper

93 100

66 42.1 34.1 51.1

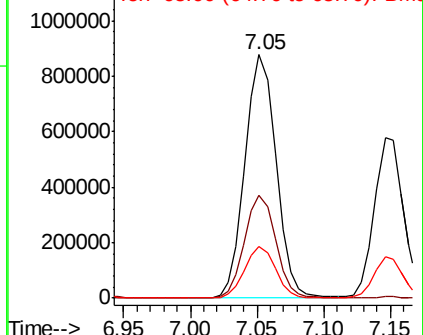
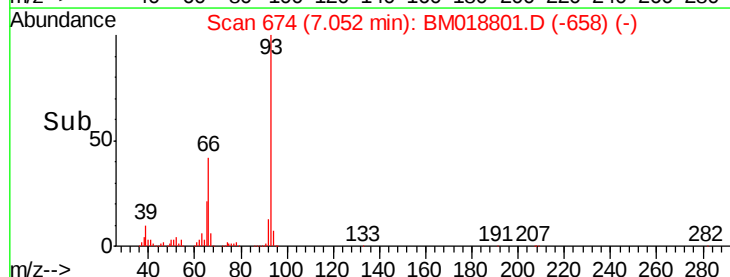
65 21.3 16.6 24.8

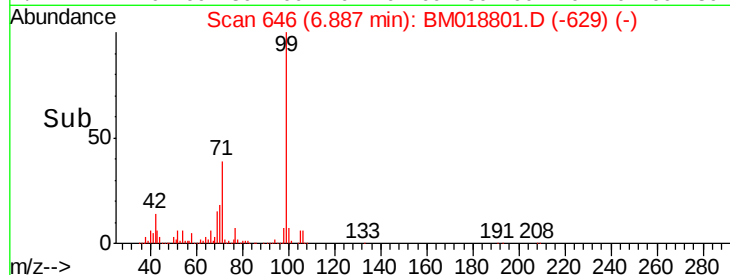
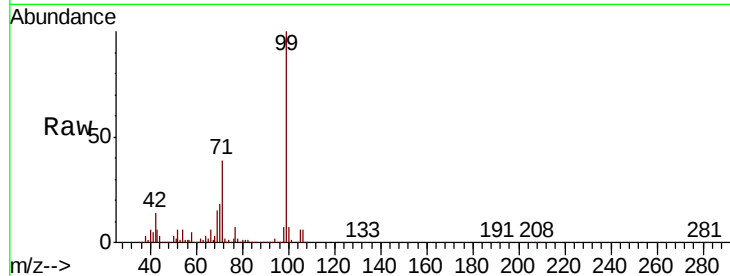
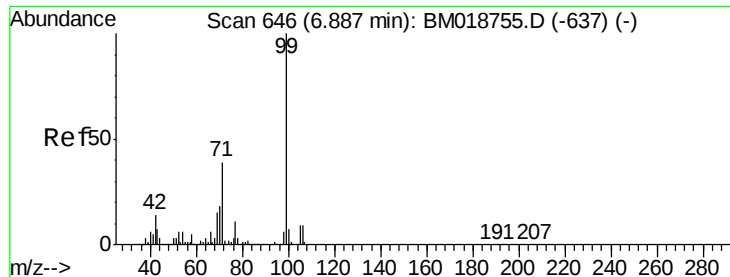


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 83.066 ng

RT: 6.89 min Scan# 646

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		2061867		
42	14.2	11.0	16.6		
71	38.7	31.3	46.9		

Instrument :

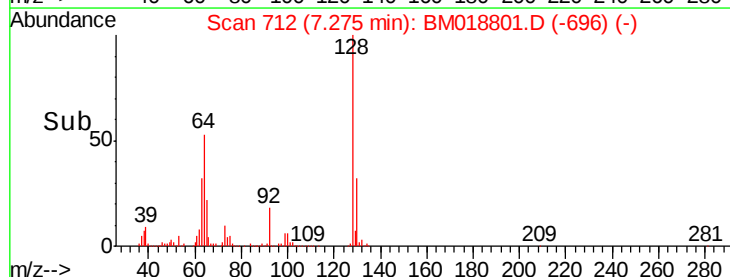
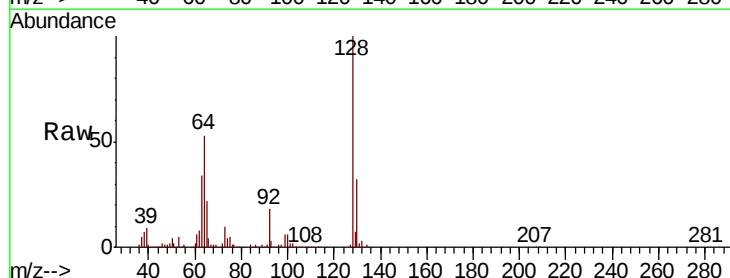
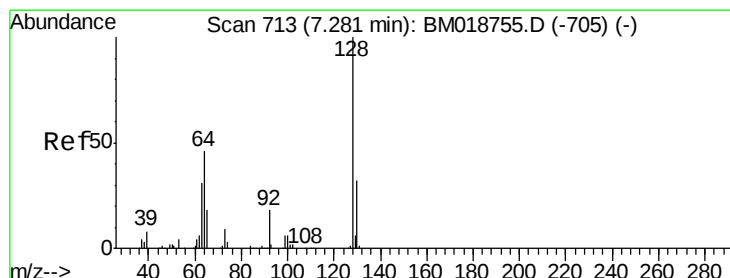
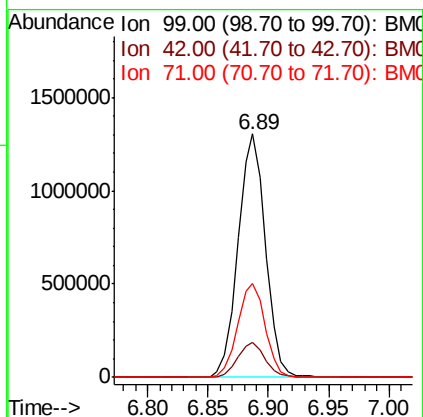
BNA_M

ClientSampleId :

PB117038BSD

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#8

2-Chlorophenol

Concen: 43.713 ng

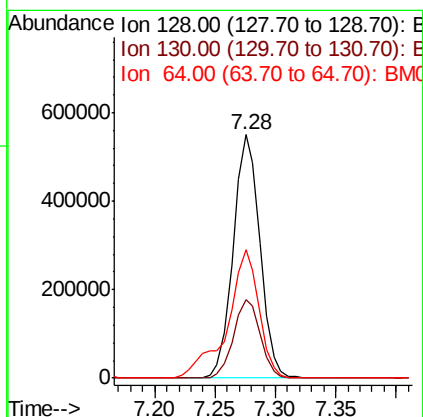
RT: 7.28 min Scan# 712

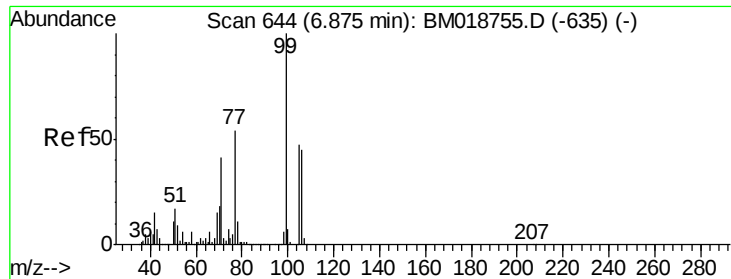
Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		845635		
130	32.1	11.7	51.7		
64	52.5	31.0	71.0		





#9

Benzaldehyde

Concen: 48.847 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

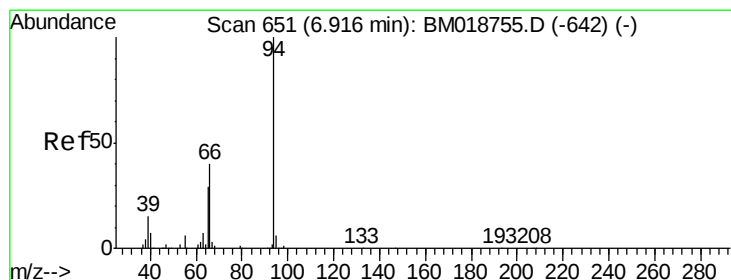
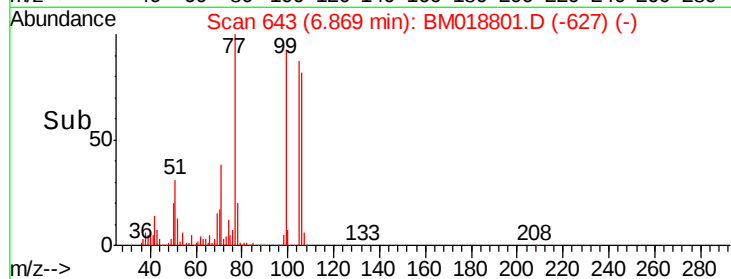
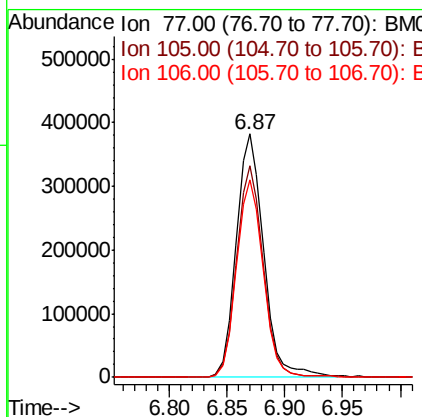
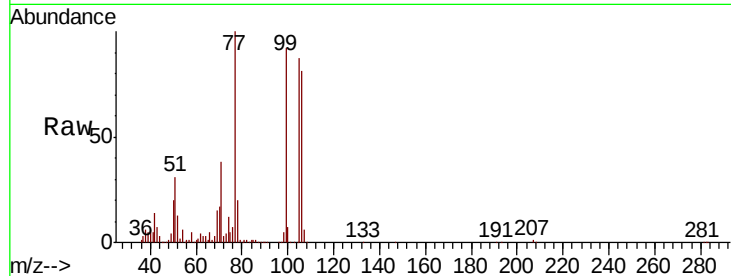
ClientSampled :

PB117038BSD

Tot Ion:	77	Resp:	625393
Ion	Ratio	Lower	Upper
77	100		
105	86.7	67.3	107.3
106	81.4	62.9	102.9

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#10

Phenol

Concen: 44.512 ng

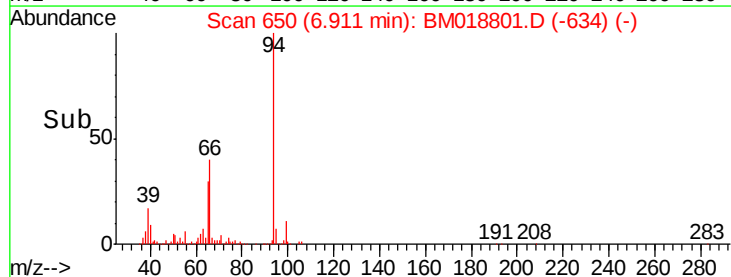
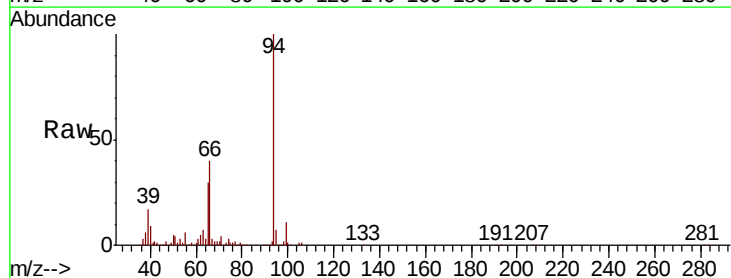
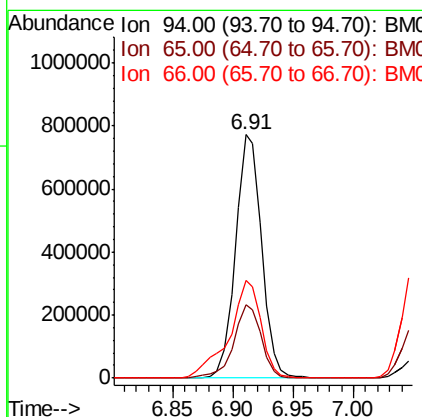
RT: 6.91 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:	94	Resp:	1162548
Ion	Ratio	Lower	Upper
94	100		
65	30.1	9.6	49.6
66	40.0	20.4	60.4





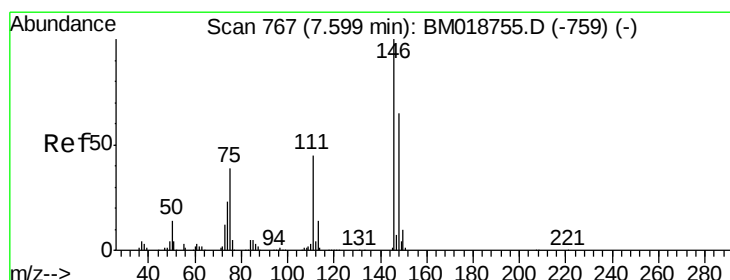
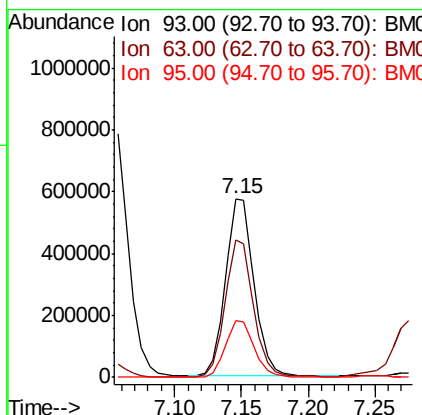
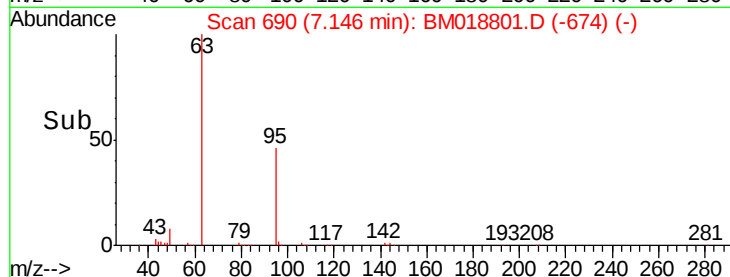
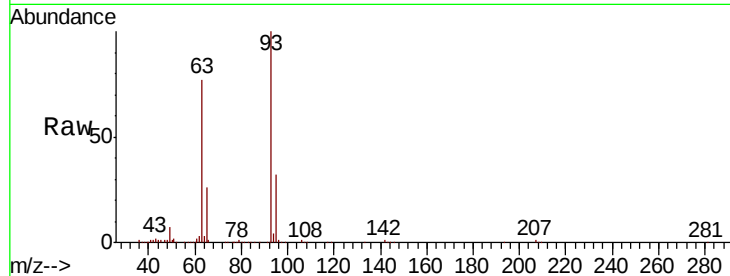
#11
bis(2-Chloroethyl)ether
Concen: 43.021 ng
RT: 7.15 min Scan# 690
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.9	57.0	97.0
95	31.8	12.4	52.4

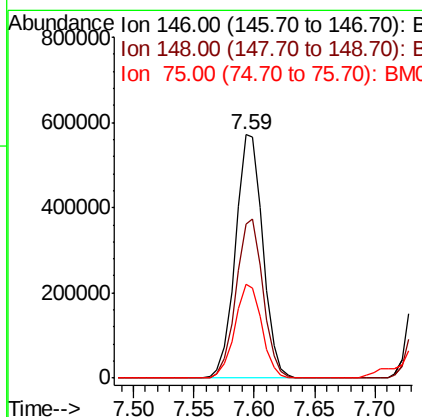
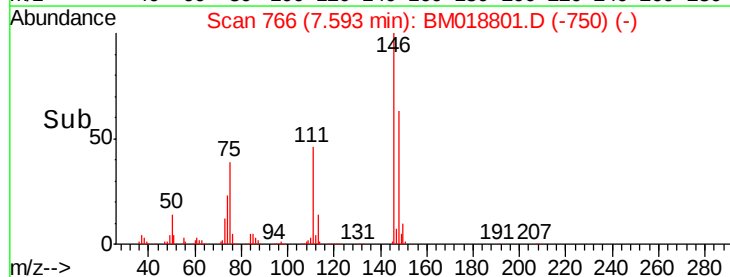
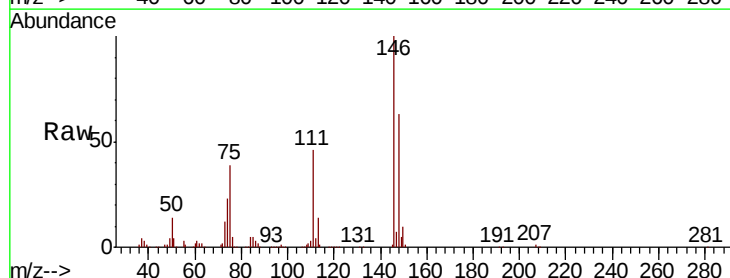
Manual Integrations
APPROVED

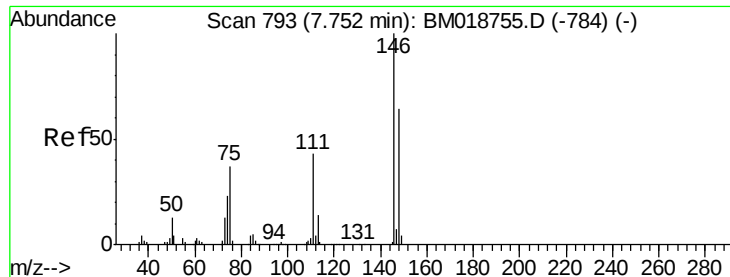
Sohil
2/13/2019 1:37:45 PM



#12
1,3-Dichlorobenzene
Concen: 41.386 ng
RT: 7.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.7	77.5
75	38.5	31.3	46.9





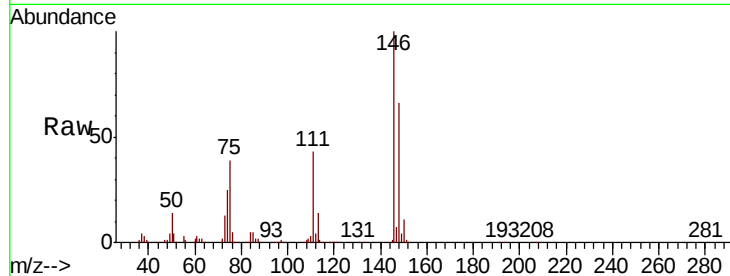
#13
 1,4-Dichlorobenzene
 Concen: 41.508 ng
 RT: 7.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
111	43.1	34.6	52.0

Manual Integrations
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 2/13/2019 1:37:45 PM

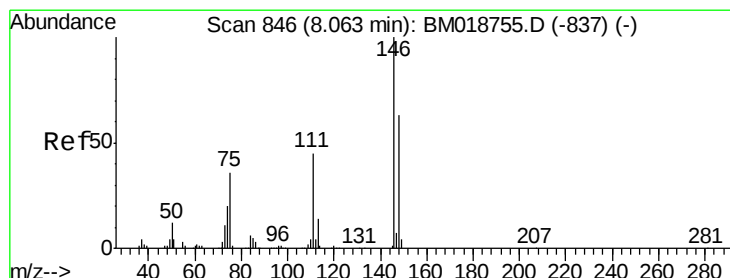
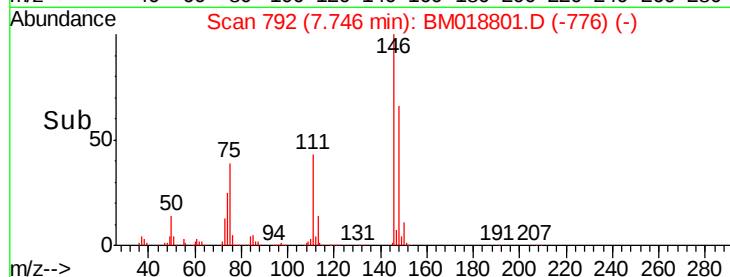
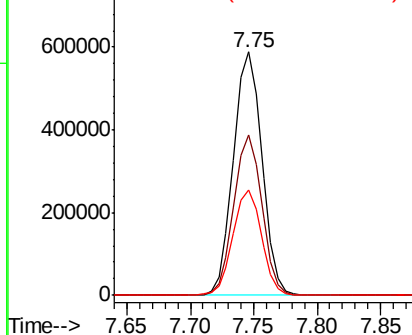


Abundance

Ion 146.00 (145.70 to 146.70): E

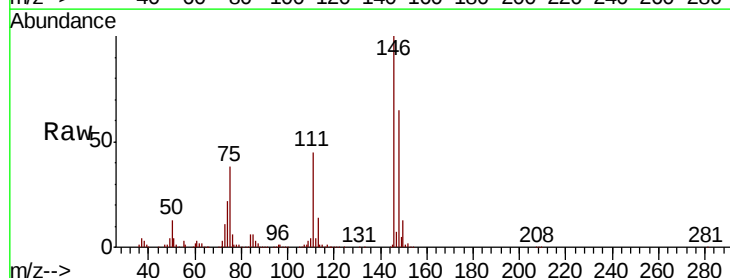
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.759 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
111	44.9	35.9	53.9

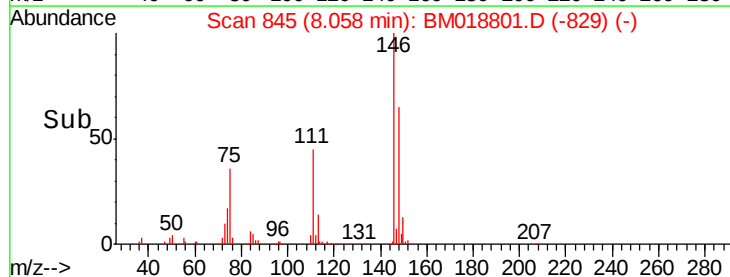
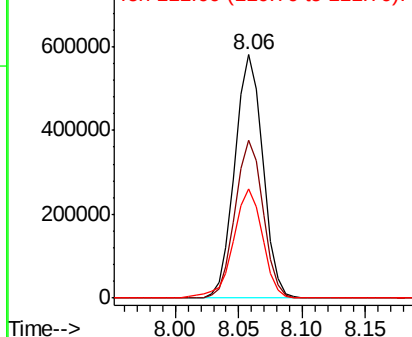


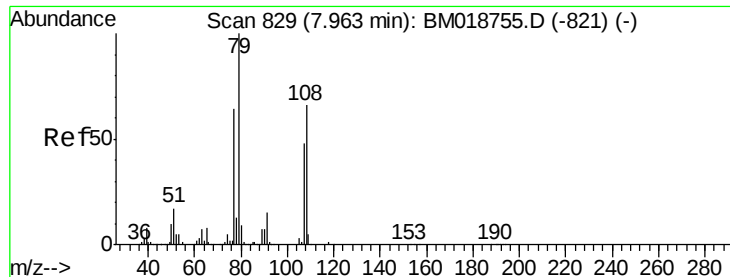
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.531 ng

RT: 7.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

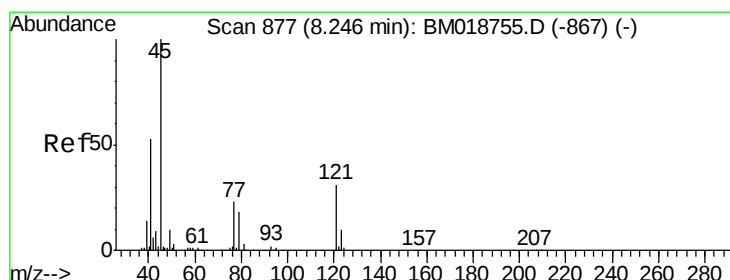
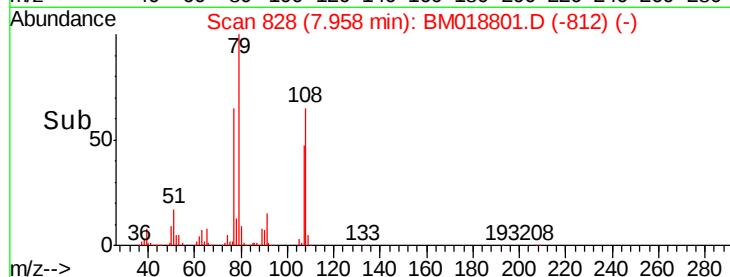
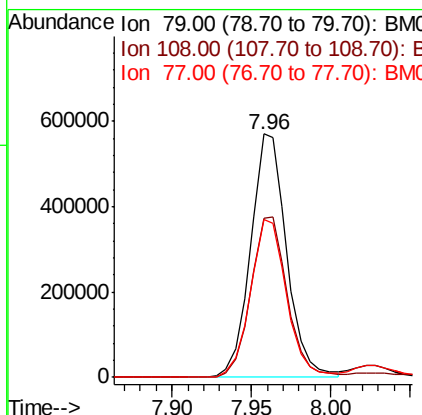
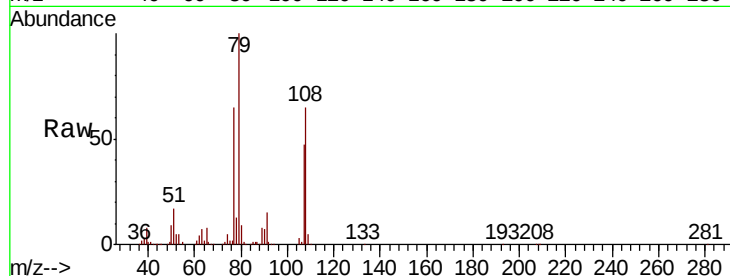
ClientSampleId :

PB117038BSD

Tot Ion:	79	Resp:	898009
Ion Ratio	Lower	Upper	
79	100		
108	65.4	52.7	79.1
77	64.8	51.0	76.4

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.303 ng

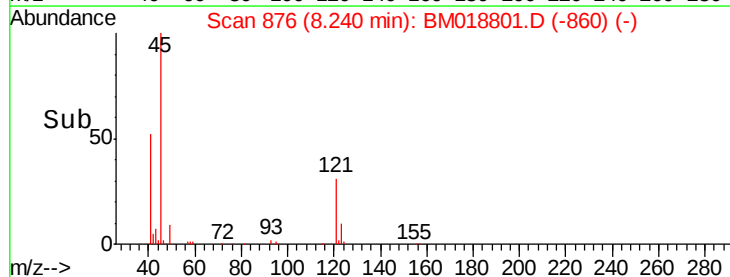
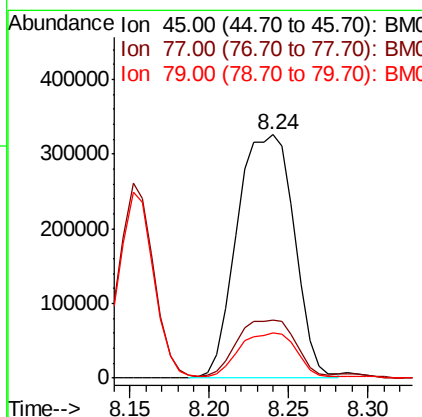
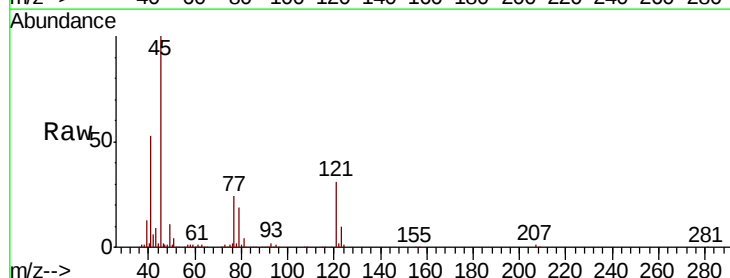
RT: 8.24 min Scan# 876

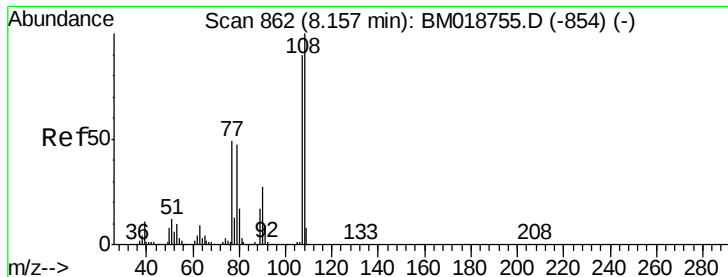
Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:	45	Resp:	815716
Ion Ratio	Lower	Upper	
45	100		
77	24.1	5.0	45.0
79	18.6	0.0	39.3





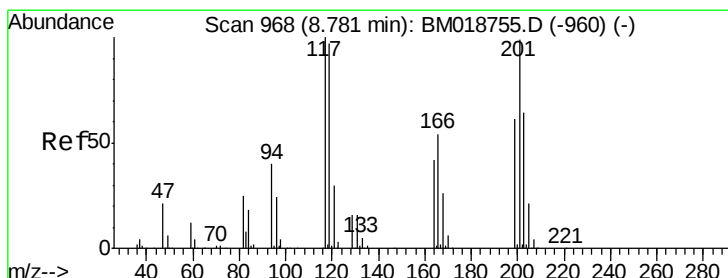
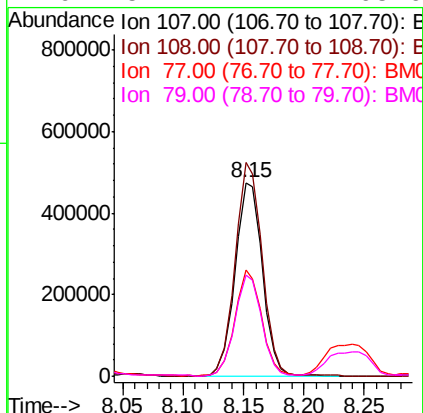
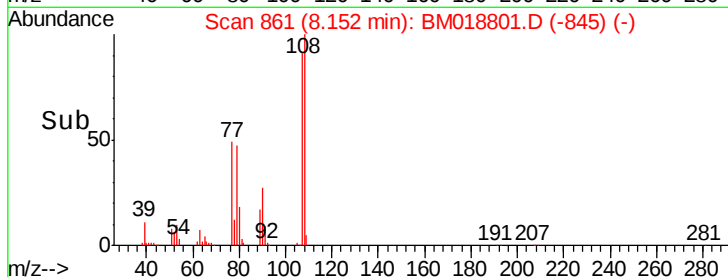
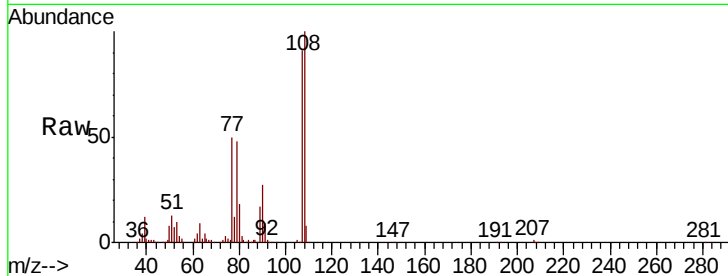
#17
2-Methylphenol
Concen: 44.943 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	88.8	133.2	
77	54.8	44.0	66.0	
79	52.4	42.4	63.6	

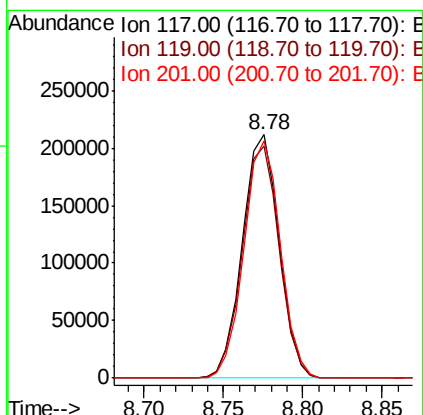
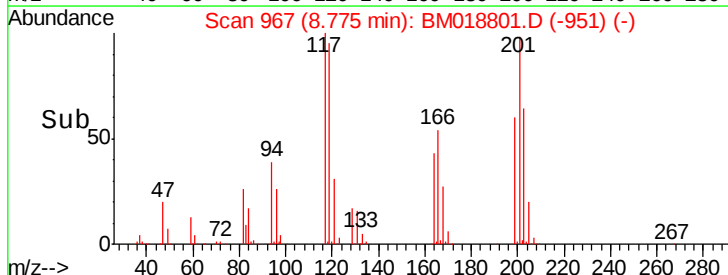
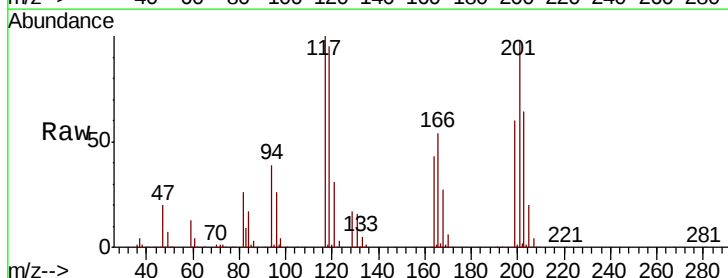
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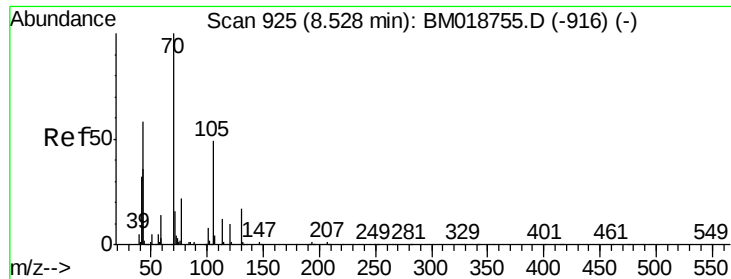
Sohil
2/13/2019 1:37:45 PM



#18
Hexachloroethane
Concen: 42.240 ng
RT: 8.78 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.9	116.9	
201	97.7	79.2	118.8	





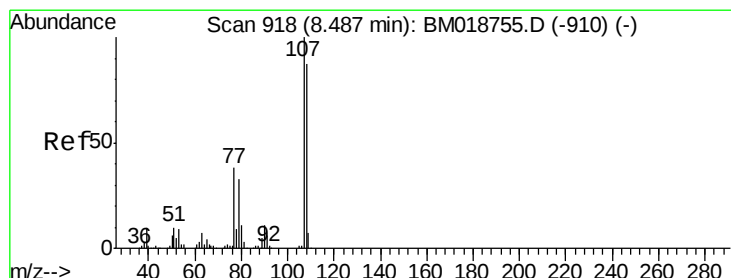
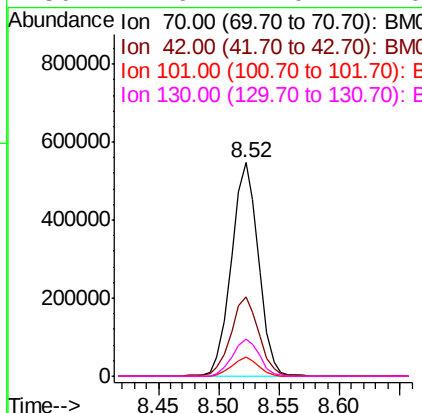
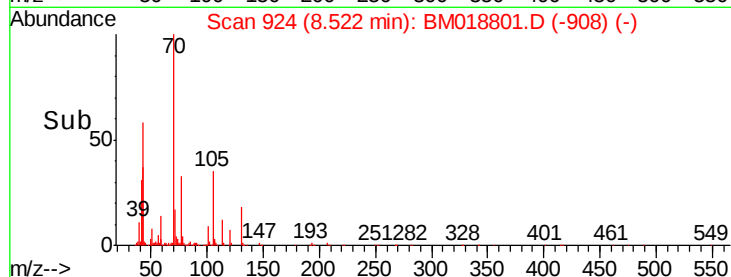
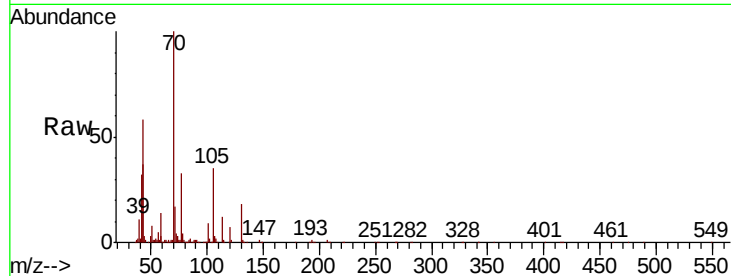
#19
n-Nitroso-di-n-propylamine
Concen: 44.558 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	36.9	29.4	44.0		
101	8.8	6.7	10.1		
130	17.6	14.0	21.0		

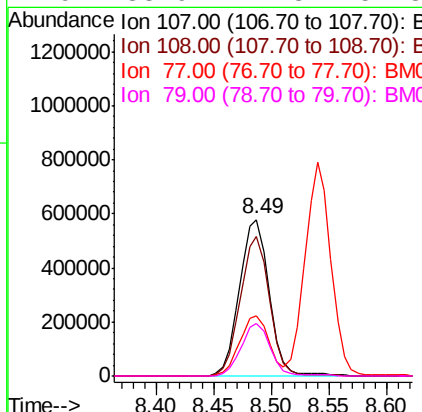
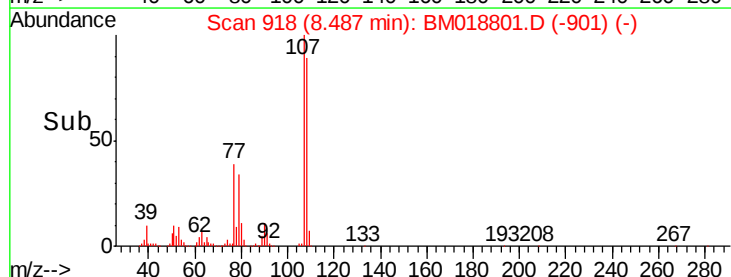
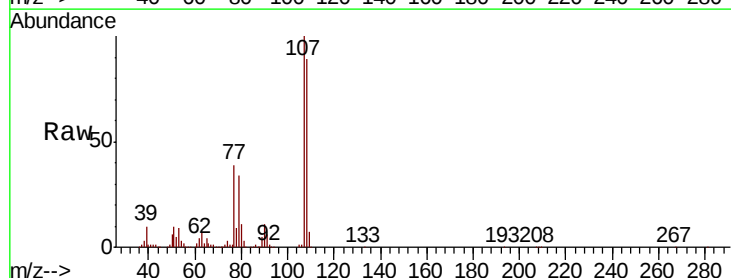
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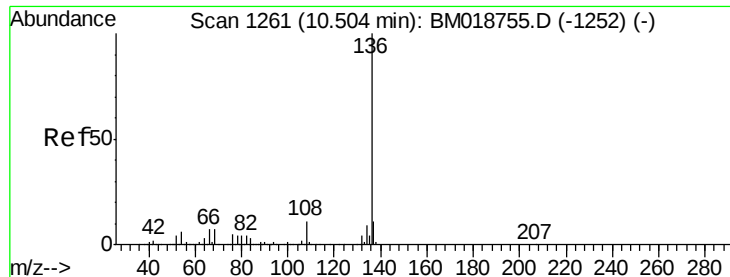
Sohil
2/13/2019 1:37:45 PM



#20
3+4-Methylphenols
Concen: 44.829 ng
RT: 8.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.3	67.3	107.3		
77	38.6	18.0	58.0		
79	33.9	12.8	52.8		





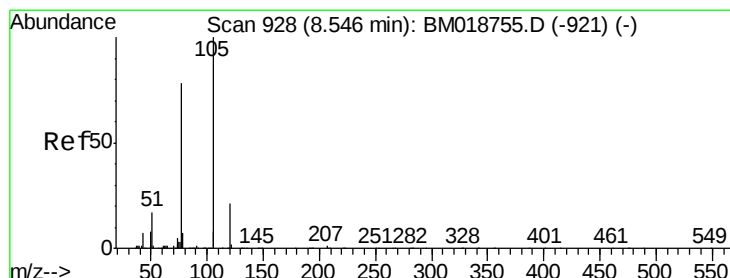
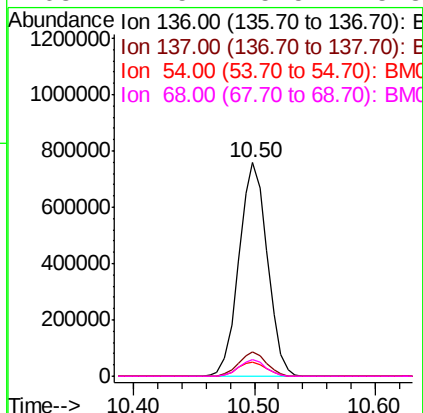
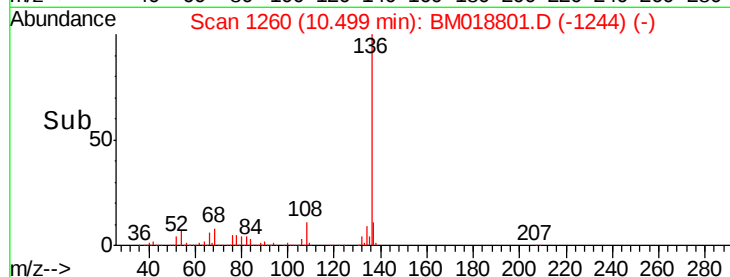
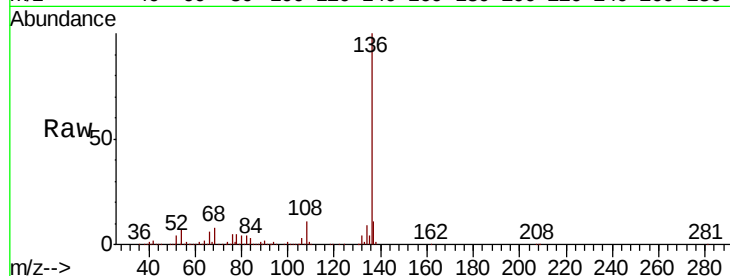
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.0	7.6
68	7.5	5.5	8.3

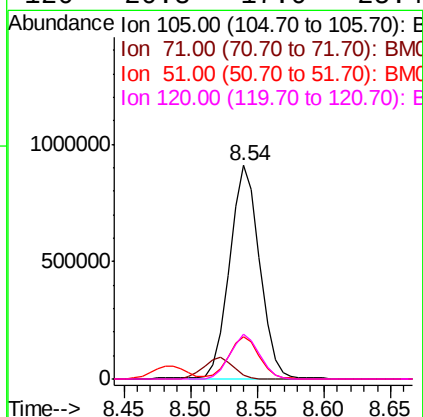
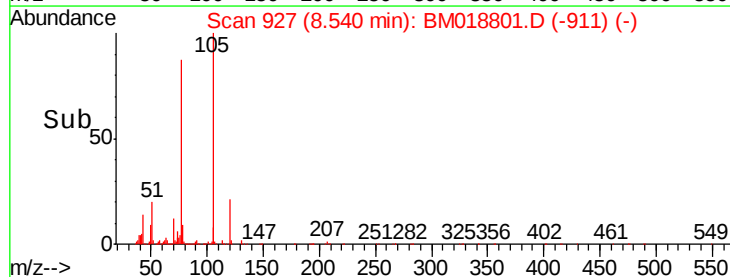
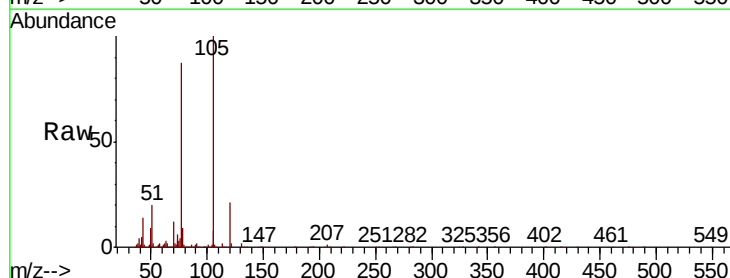
Manual Integrations
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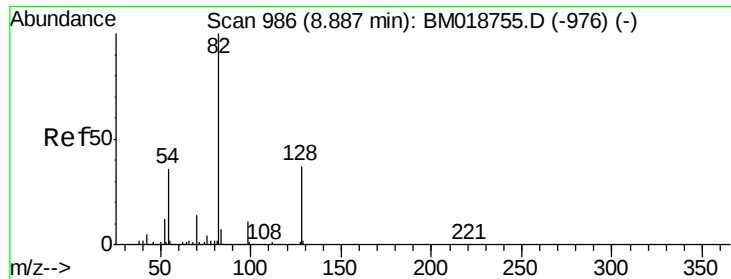
Sohil
2/13/2019 1:37:45 PM



#22
Acetophenone
Concen: 41.626 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.1	1.7#
51	19.7	15.5	23.3
120	20.8	17.0	25.4





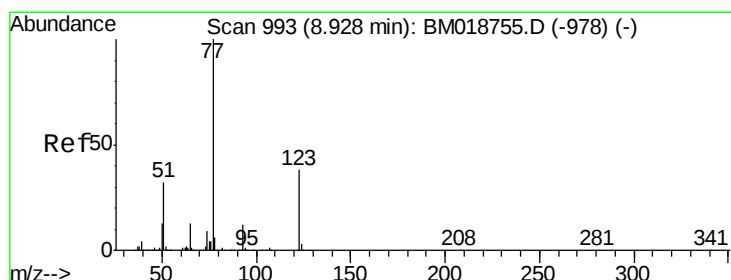
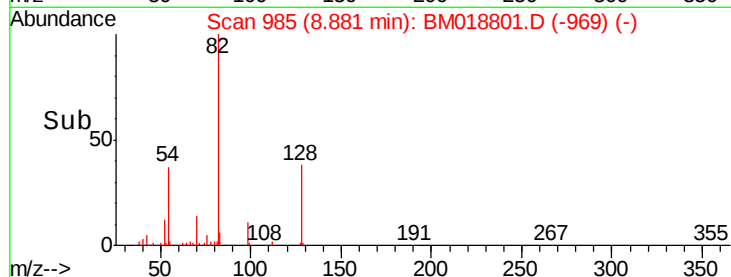
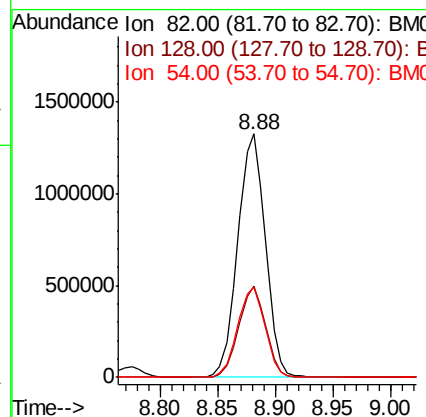
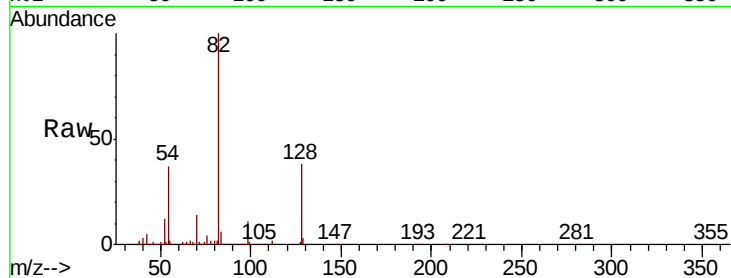
#23
Nitrobenzene-d5
Concen: 81.796 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	82	Resp	2198494
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.9	44.9
54	36.8	29.1	43.7

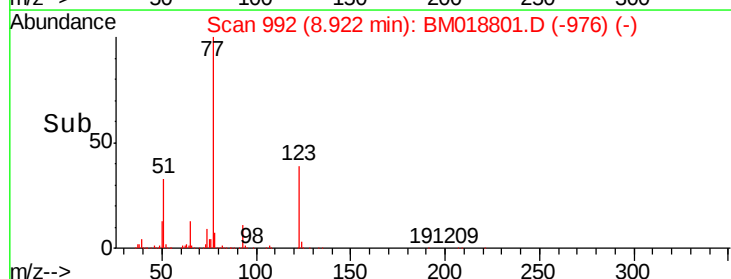
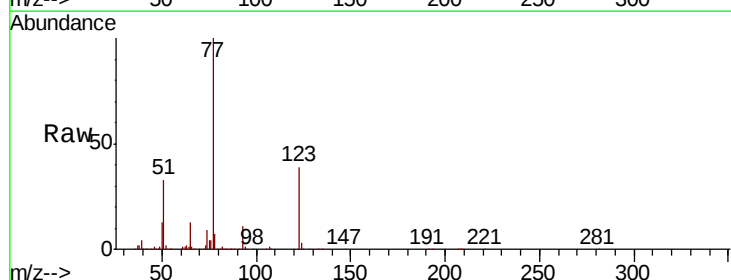
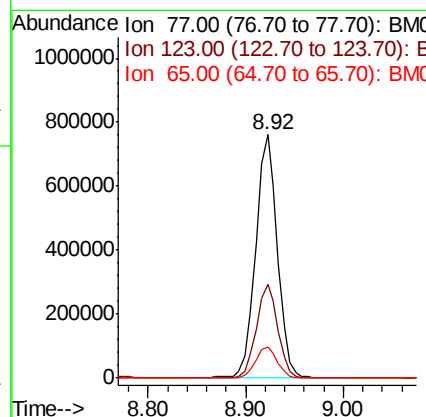
Manual Integrations
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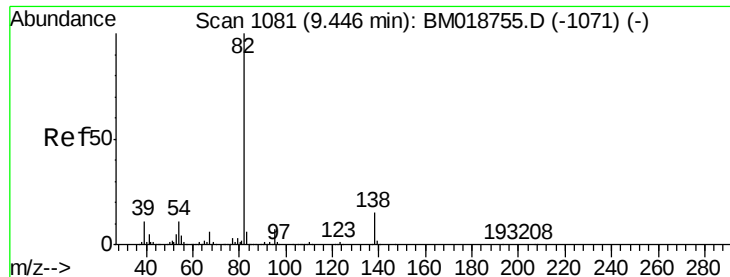
Sohil
2/13/2019 1:37:45 PM



#24
Nitrobenzene
Concen: 42.614 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	77	Resp	1188885
Ion	Ratio	Lower	Upper
77	100		
123	38.7	30.7	46.1
65	13.0	10.5	15.7





#25

Isophorone

Concen: 50.196 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion: 82 Resp: 2152715

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

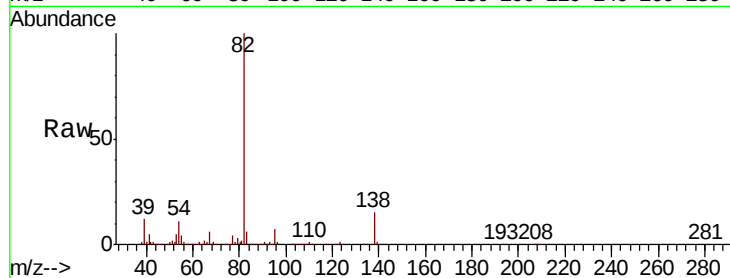
138 15.2 12.3 18.5

Manual Integrations

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Sohil

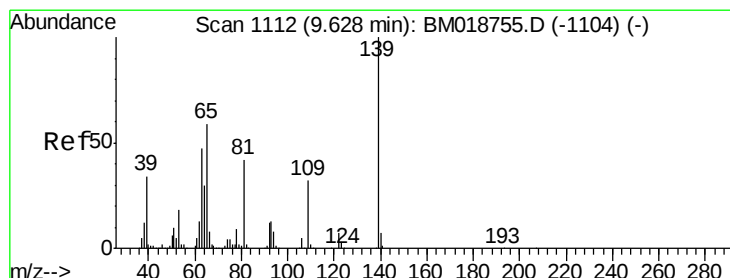
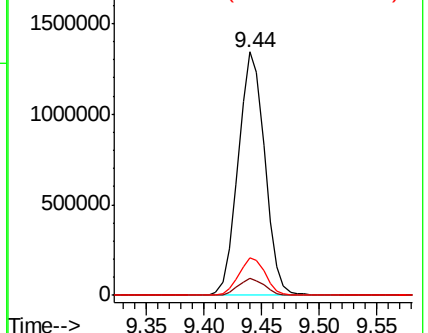
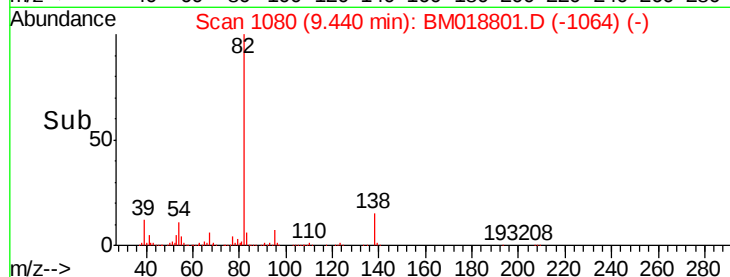
2/13/2019 1:37:45 PM



Abundance Ion 82.00 (81.70 to 82.70): BM018801.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM018801.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM018801.D (-1064) (-)



#26

2-Nitrophenol

Concen: 43.311 ng

RT: 9.62 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

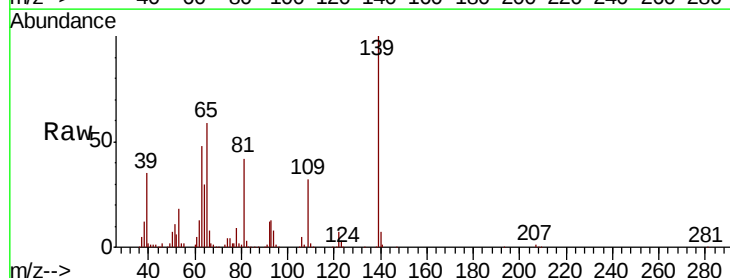
Tgt Ion: 139 Resp: 481202

Ion Ratio Lower Upper

139 100

109 31.9 25.2 37.8

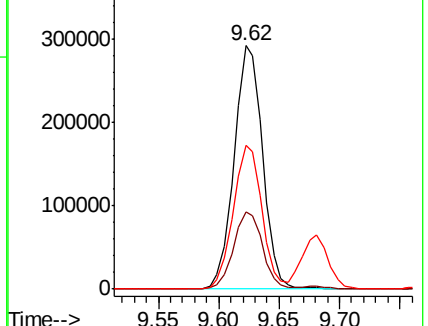
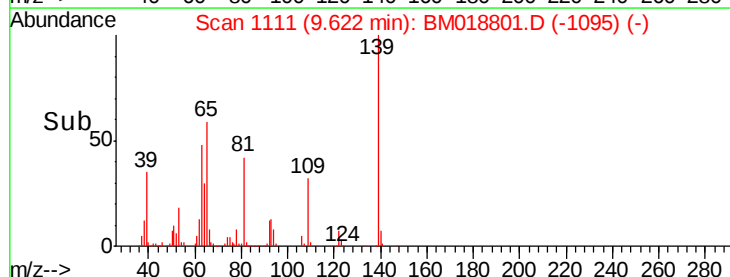
65 59.2 47.0 70.4

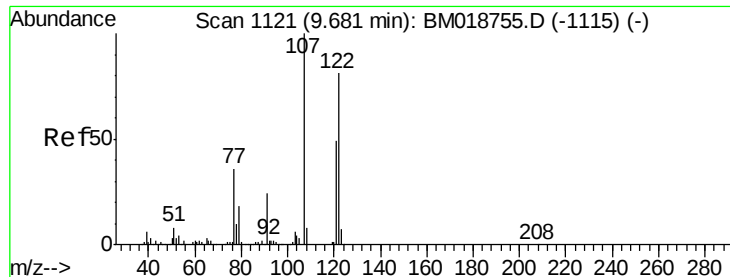


Abundance Ion 139.00 (138.70 to 139.70): BM018801.D (-1095) (-)

Ion 109.00 (108.70 to 109.70): BM018801.D (-1095) (-)

Ion 65.00 (64.70 to 65.70): BM018801.D (-1095) (-)





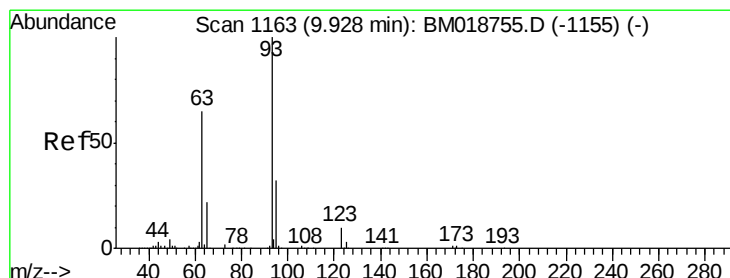
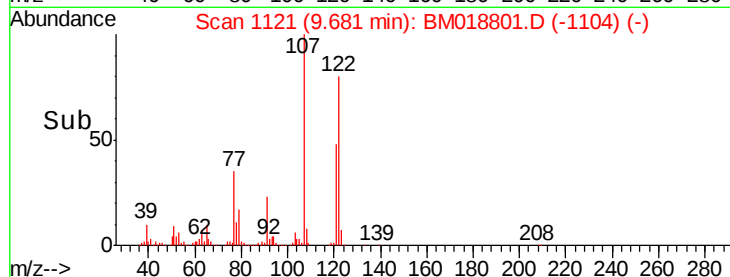
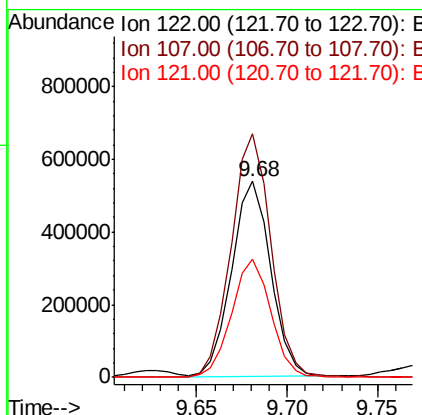
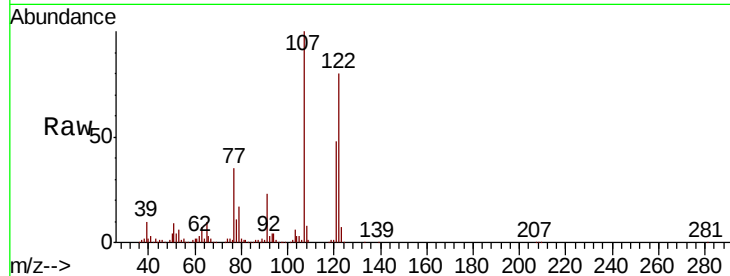
#27
 2,4-Dimethylphenol
 Concen: 49.795 ng
 RT: 9.68 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	124.3	97.6	146.4
121	60.2	47.9	71.9

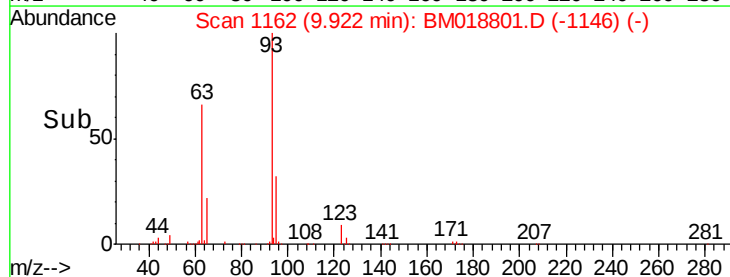
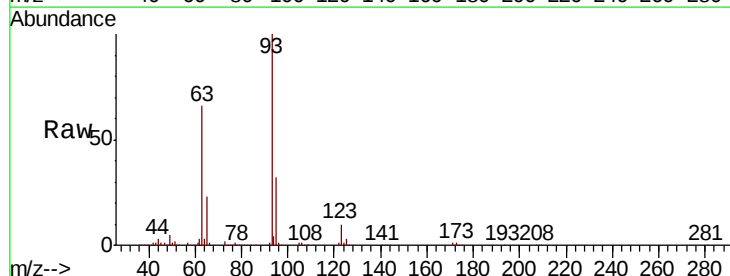
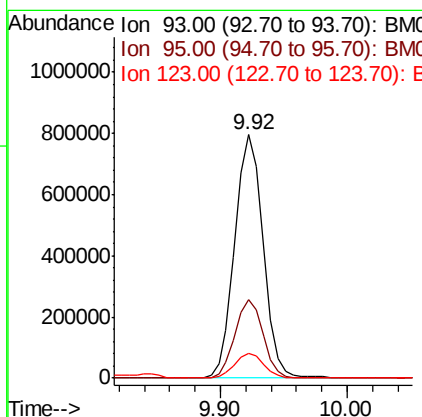
Manual Integrations
 APPROVED

Sohil
 2/13/2019 1:37:45 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.528 ng
 RT: 9.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.6	38.4
123	10.1	8.2	12.4





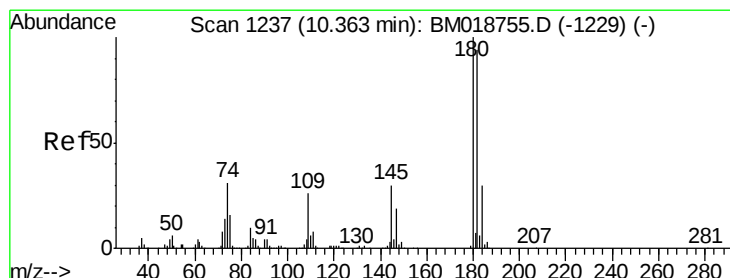
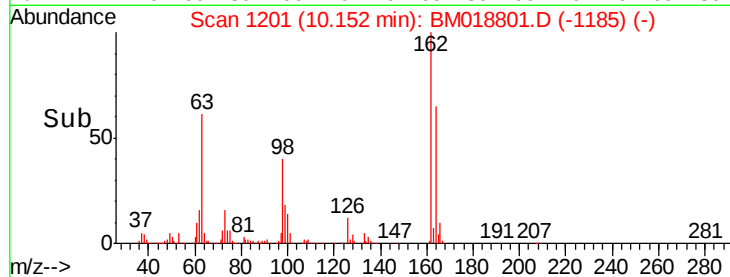
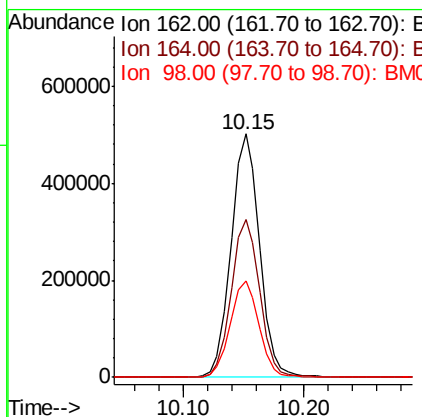
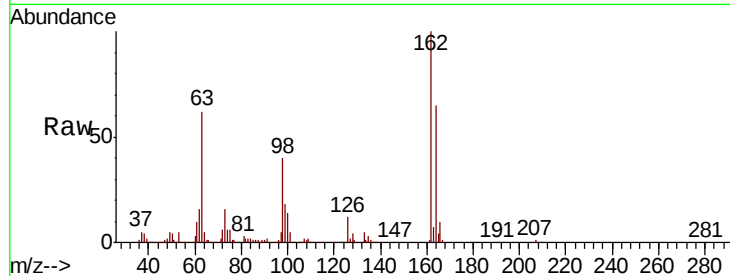
#29
2,4-Dichlorophenol
Concen: 44.274 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	824952		
164	64.9	44.1	84.1	
98	39.8	19.4	59.4	

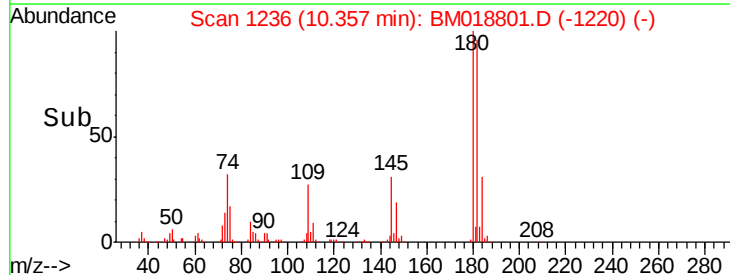
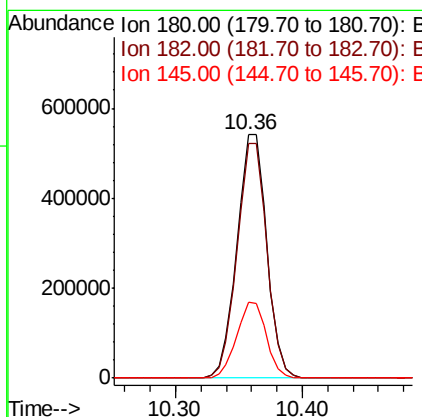
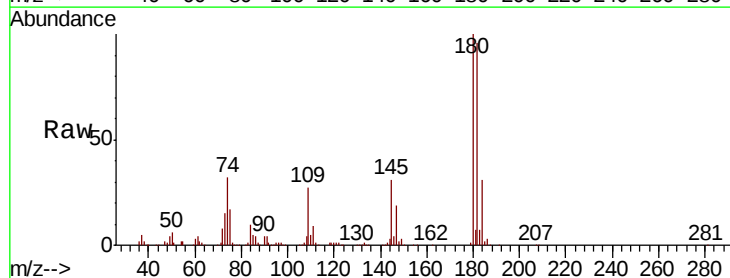
Manual Integrations
APPROVED

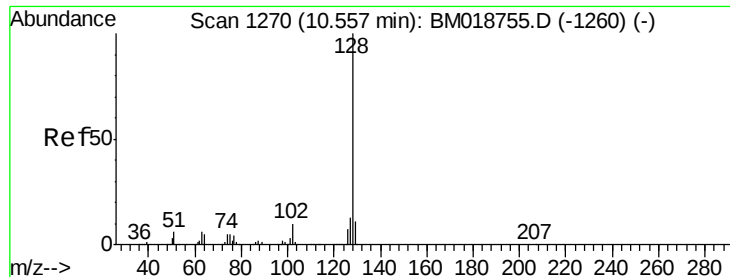
Sohil
2/13/2019 1:37:45 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.862 ng
RT: 10.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	879289		
182	96.3	75.0	112.6	
145	31.0	24.1	36.1	





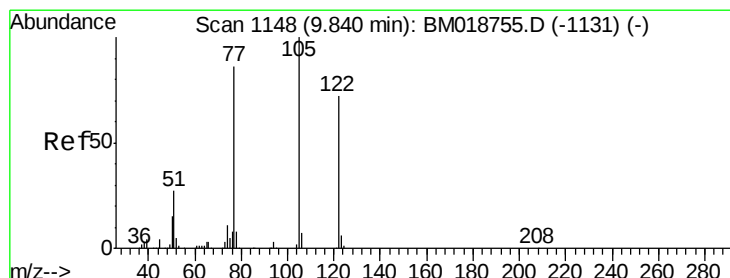
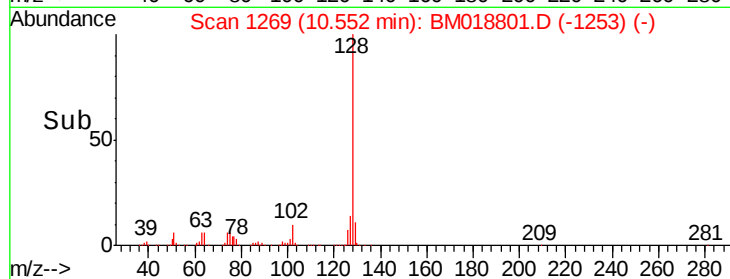
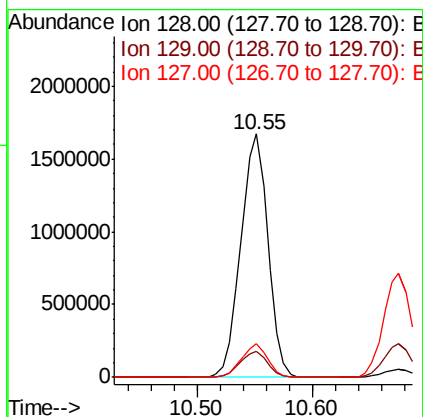
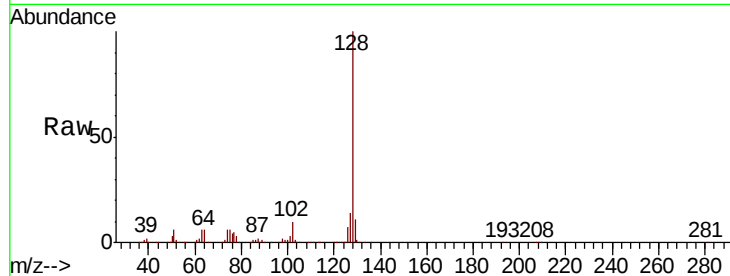
#31
Naphthalene
Concen: 44.894 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.6	10.7	16.1

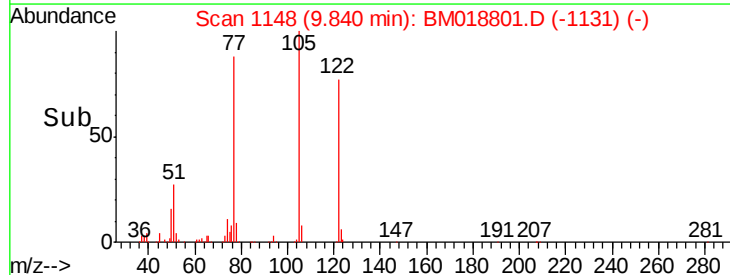
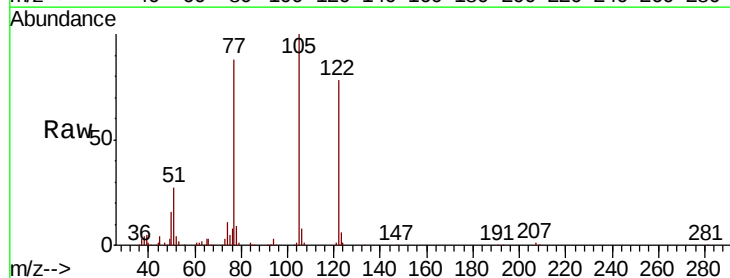
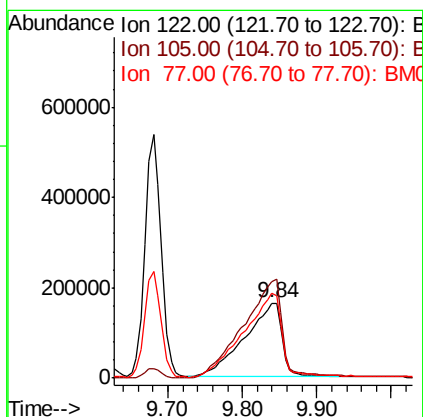
Manual Integrations
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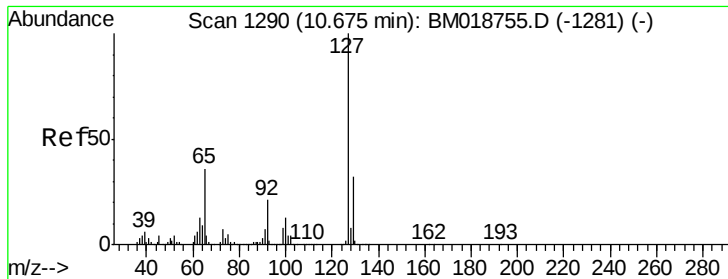
Sohil
2/13/2019 1:37:45 PM



#32
Benzoic acid
Concen: 40.290 ng m
RT: 9.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.9	117.5	157.5
77	113.9	98.5	138.5





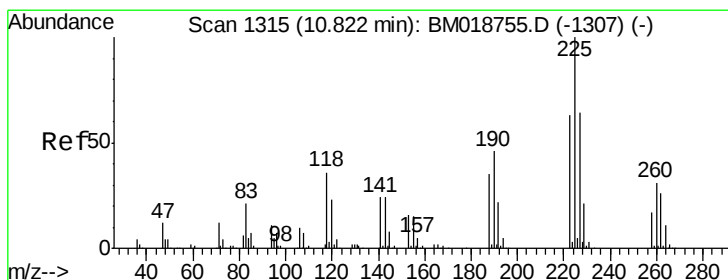
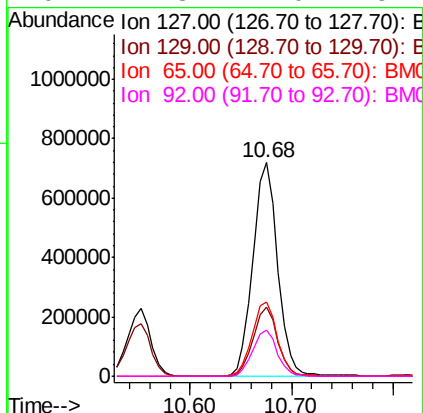
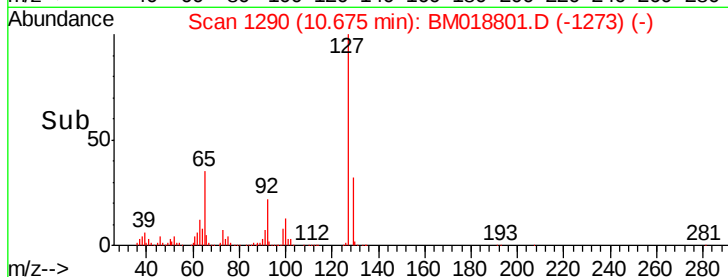
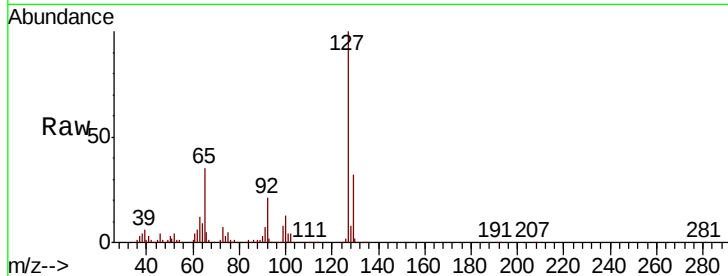
#33
4-Chloroaniline
Concen: 45.107 ng
RT: 10.68 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampled :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.7	38.5
65	34.7	28.7	43.1
92	21.3	17.0	25.4

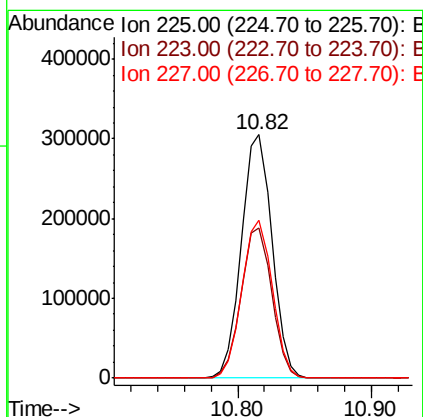
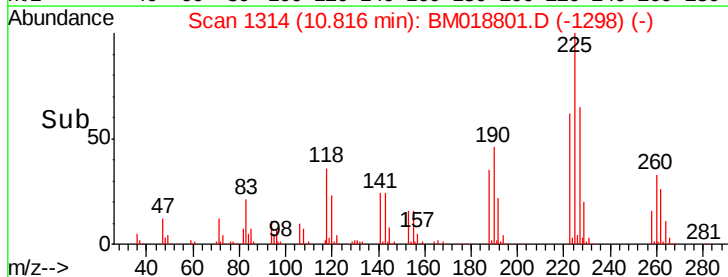
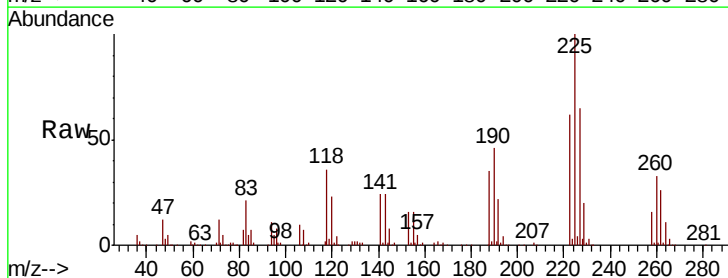
Manual Integrations
APPROVED

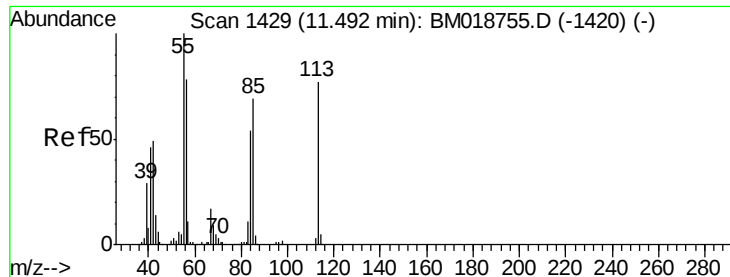
Sohil
2/13/2019 1:37:45 PM



#34
Hexachlorobutadiene
Concen: 38.717 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.1	75.1
227	64.9	51.4	77.0





#35

Caprolactam

Concen: 39.588 ng/ml

RT: 11.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampled :

PB117038BSD

Tot Ion:113 Resp: 301045

Ion Ratio Lower Upper

113 100

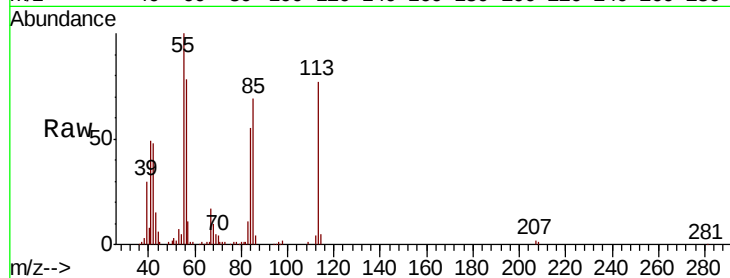
55 130.5 110.7 150.7

56 102.0 82.4 122.4

Manual Integrations
APPROVED

Sohil

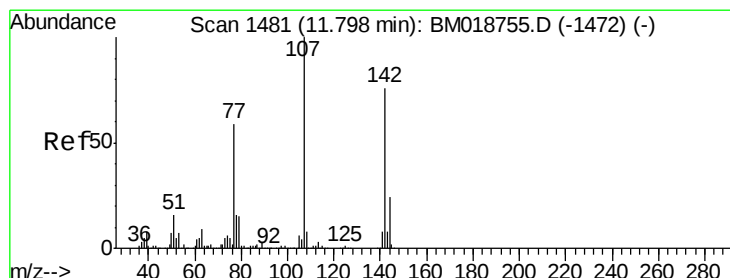
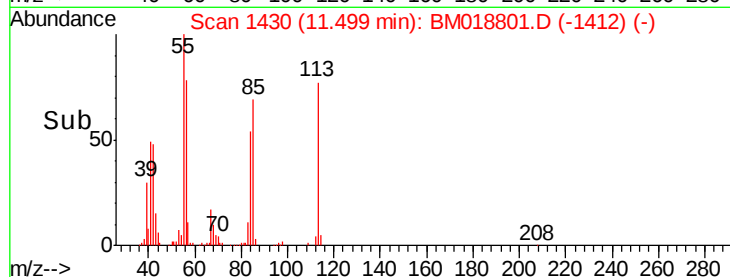
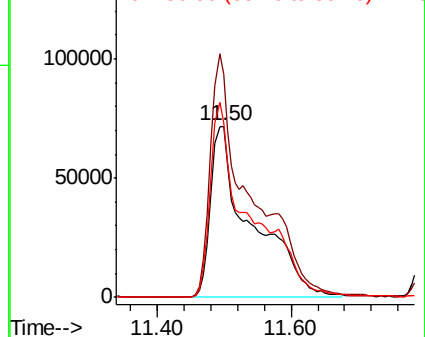
2/13/2019 1:37:45 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 44.432 ng/ml

RT: 11.80 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

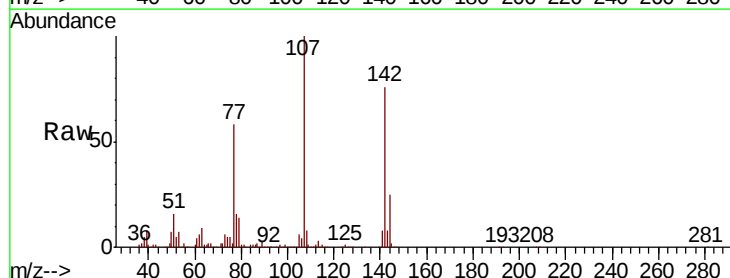
Tgt Ion:107 Resp: 998183

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

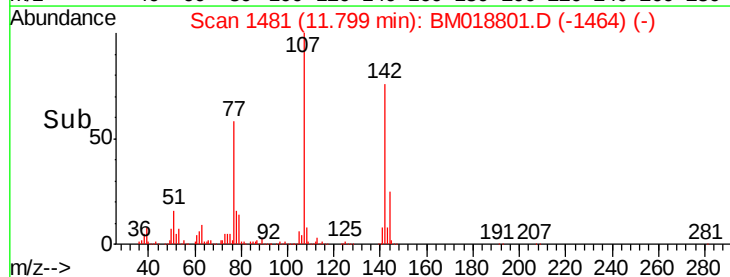
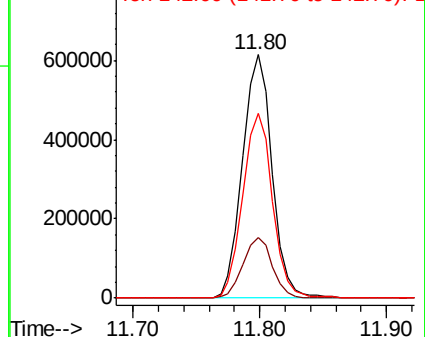
142 76.0 60.5 90.7

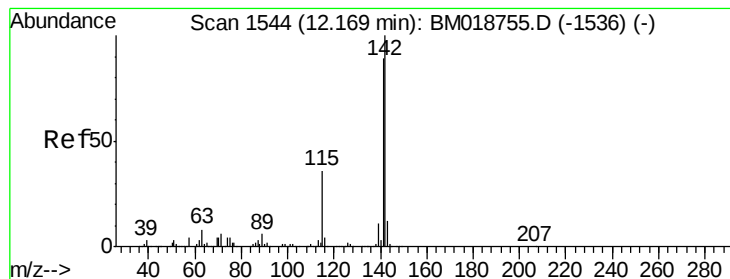


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





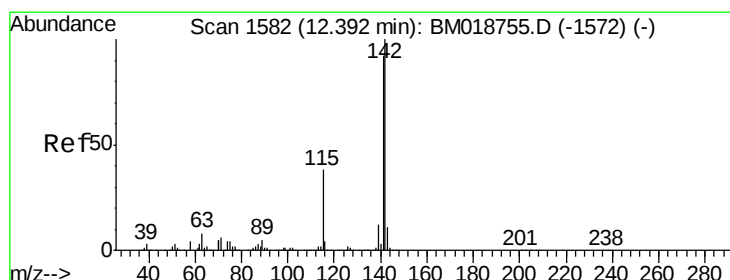
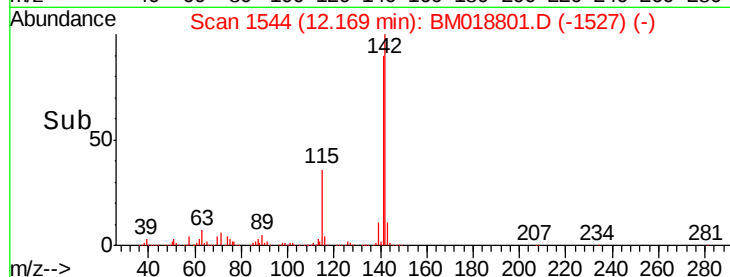
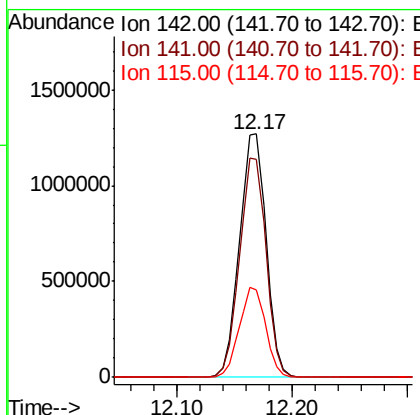
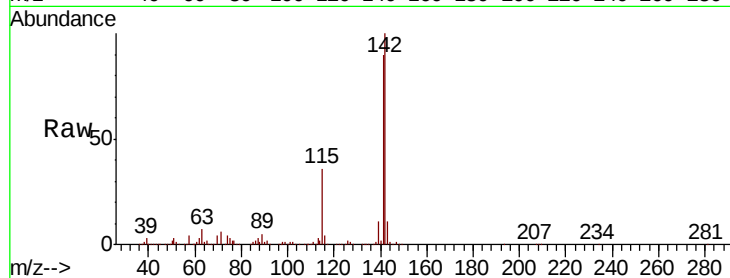
#37
2-Methylnaphthalene
Concen: 47.709 ng
RT: 12.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.2	106.8
115	35.7	29.1	43.7

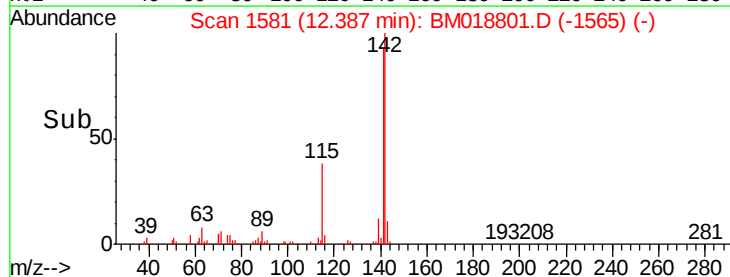
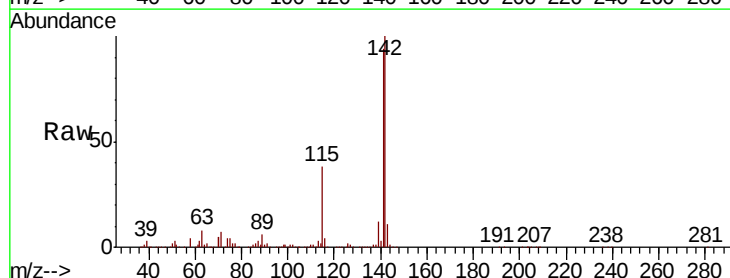
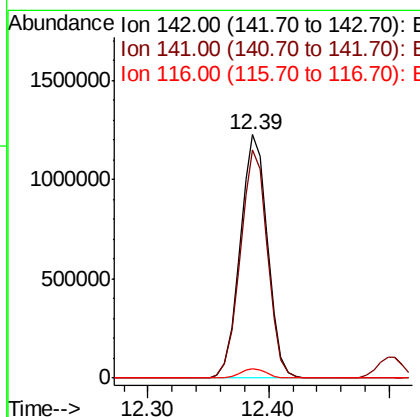
Manual Integrations
APPROVED

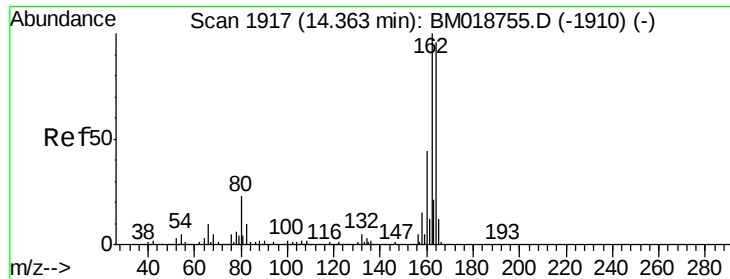
Sohil
2/13/2019 1:37:45 PM



#38
1-Methylnaphthalene
Concen: 46.341 ng
RT: 12.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	73.9	110.9
116	3.9	3.0	4.4





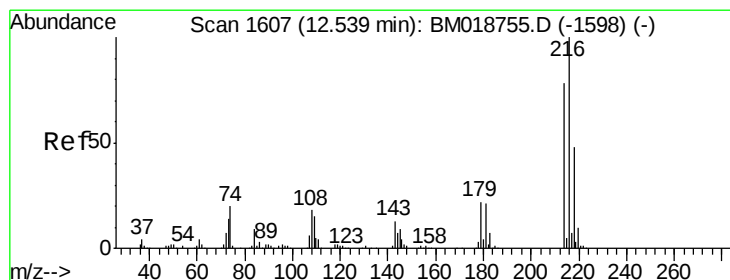
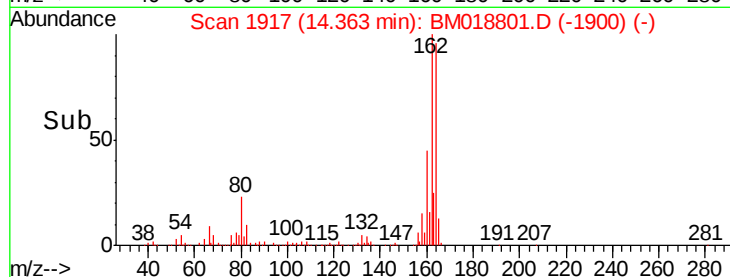
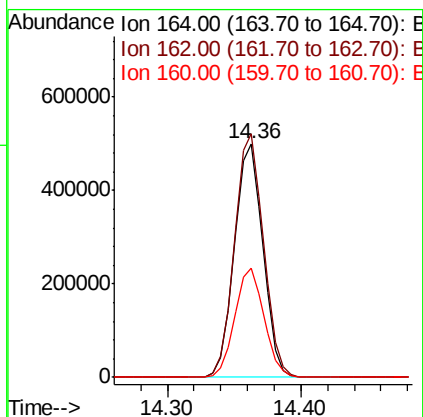
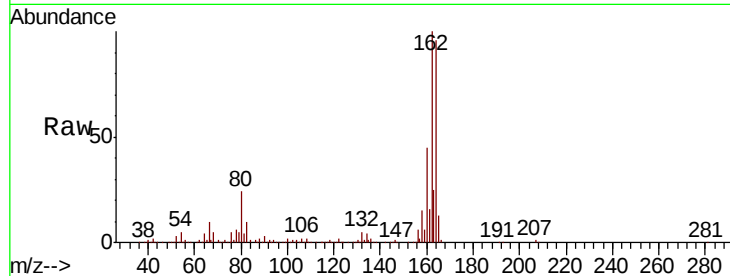
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.4	125.0
160	46.6	36.6	55.0

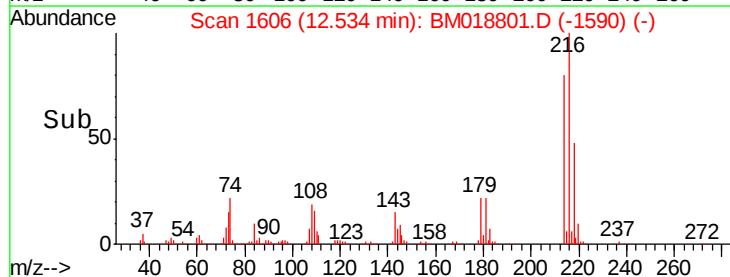
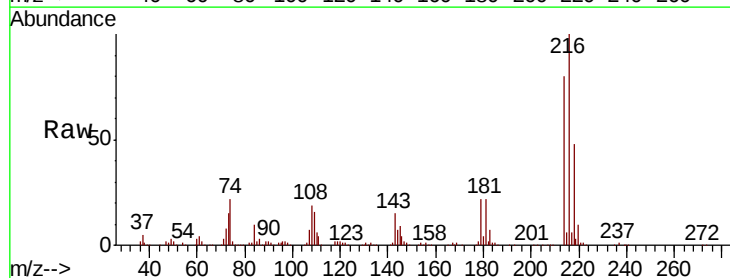
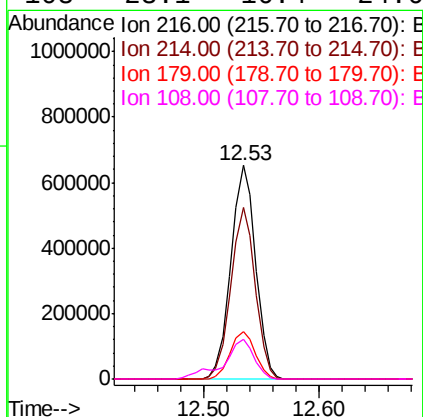
Manual Integrations
APPROVED

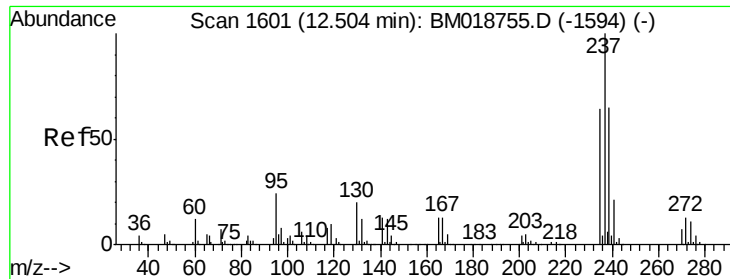
Sohil
2/13/2019 1:37:45 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.724 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.2	94.8
179	22.5	17.8	26.8
108	23.1	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 102.531 ng

RT: 12.50 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:237 Resp: 1243786

Ion Ratio Lower Upper

237 100

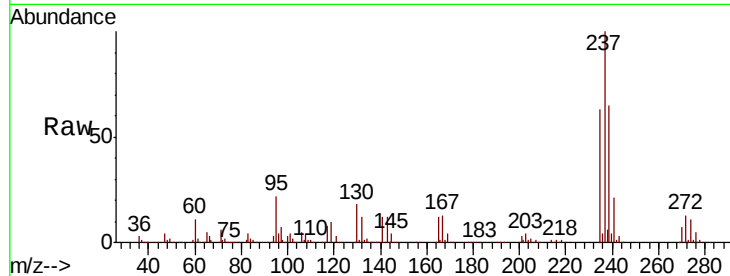
235 63.0 43.7 83.7

272 13.1 0.0 33.3

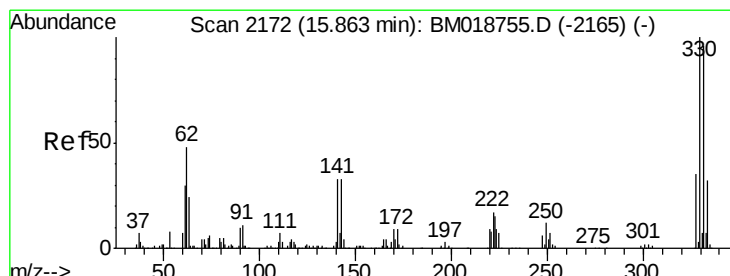
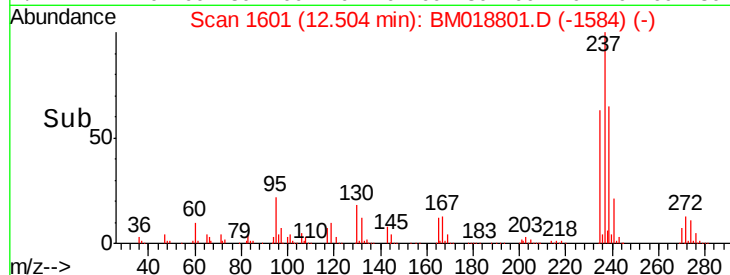
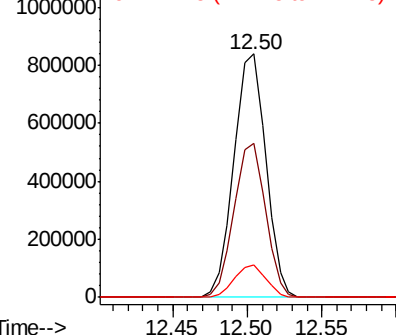
Manual Integrations
APPROVED

Sohil

2/13/2019 1:37:45 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: 82.827 ng

RT: 15.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

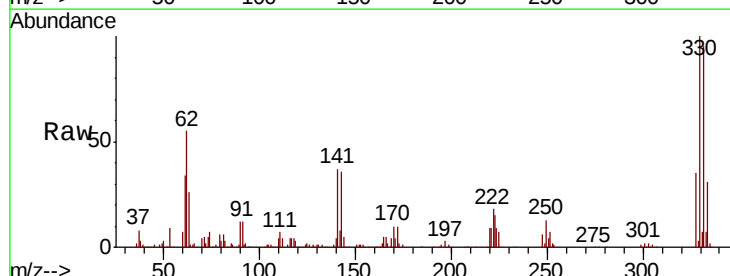
Tgt Ion:330 Resp: 885554

Ion Ratio Lower Upper

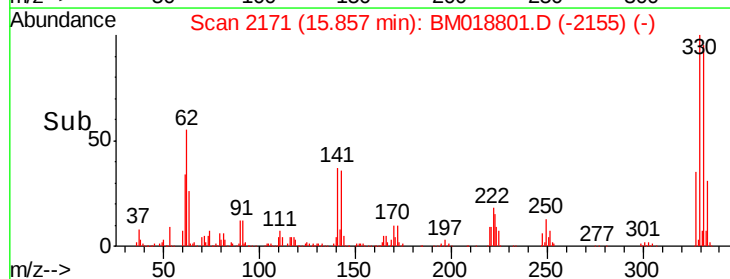
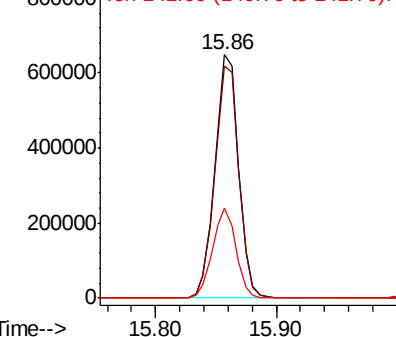
330 100

332 96.7 76.9 115.3

141 36.4 28.7 43.1



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





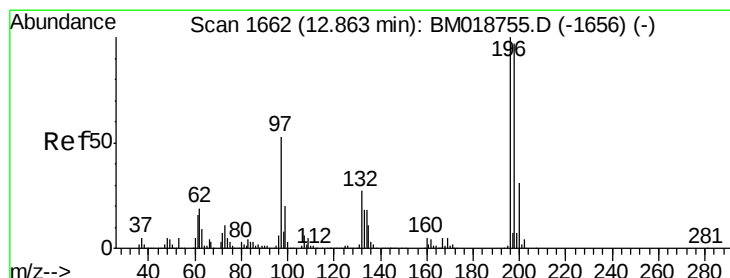
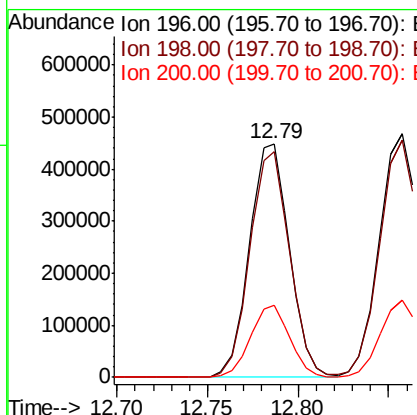
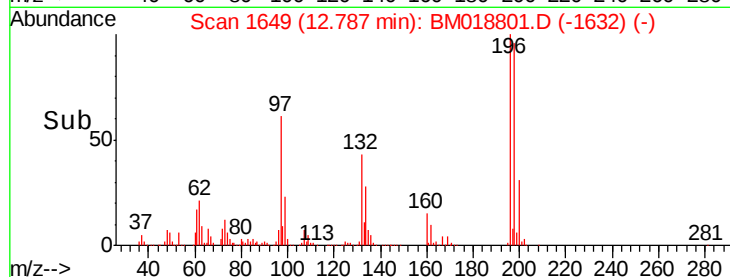
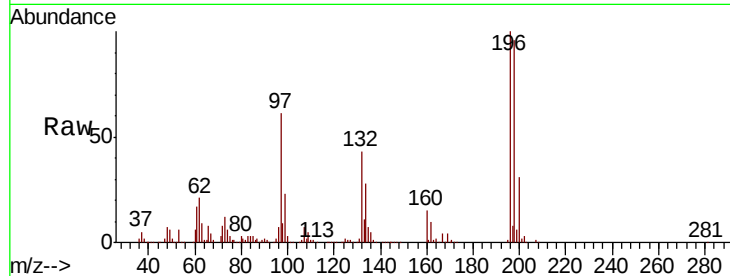
#43
 2,4,6-Trichlorophenol
 Concen: 43.830 ng
 RT: 12.79 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	688449		
198	96.3	76.2	114.2	
200	30.5	24.2	36.2	

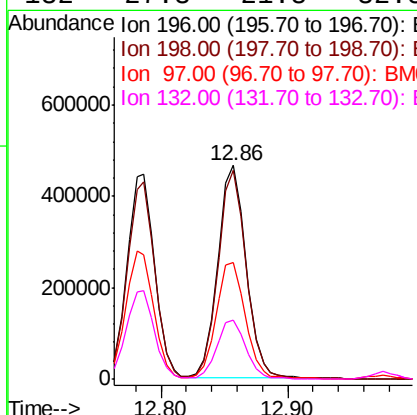
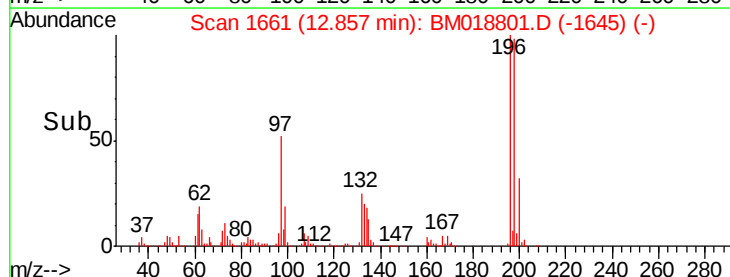
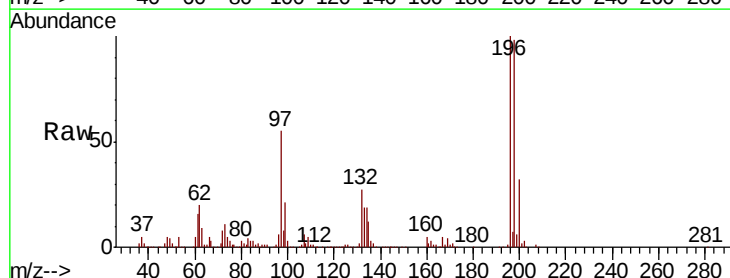
Manual Integrations
 APPROVED

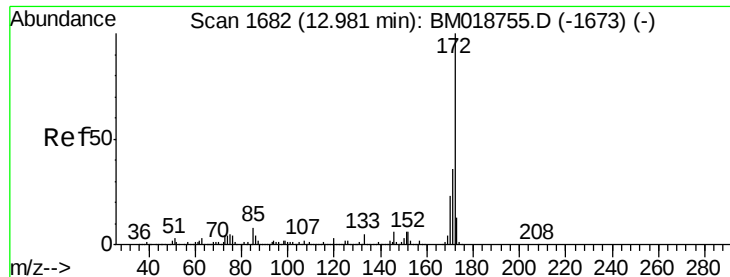
Sohil
 2/13/2019 1:37:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.066 ng
 RT: 12.86 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	725465		
198	97.6	77.6	116.4	
97	54.7	42.8	64.2	
132	27.3	21.8	32.8	





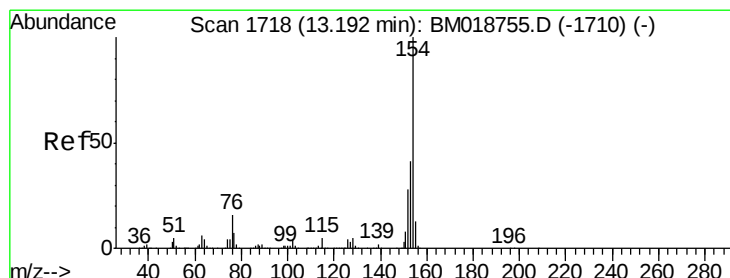
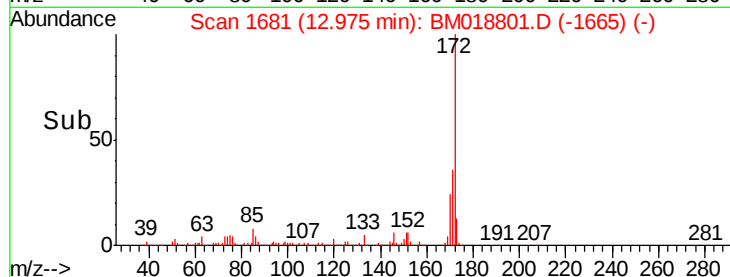
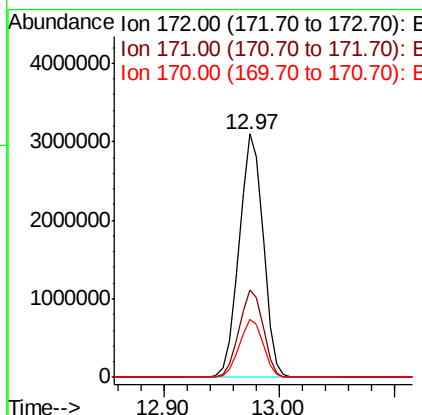
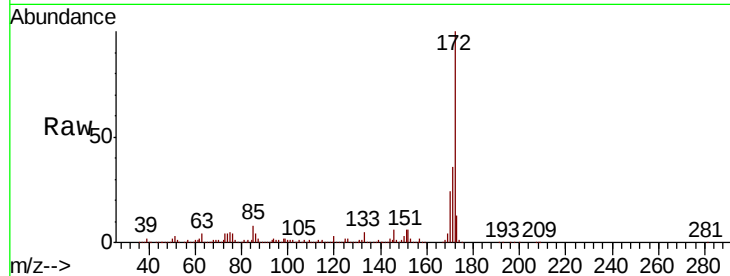
#45
2-Fluorobiphenyl
Concen: 79.812 ng
RT: 12.97 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.7	18.6	28.0

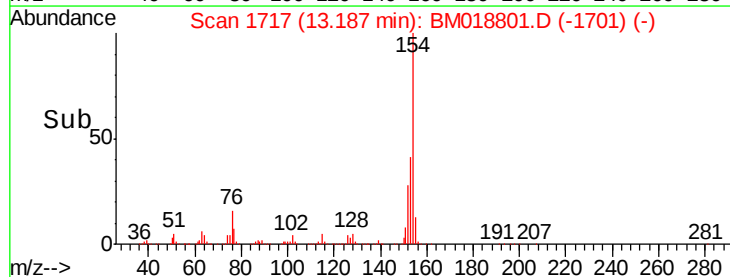
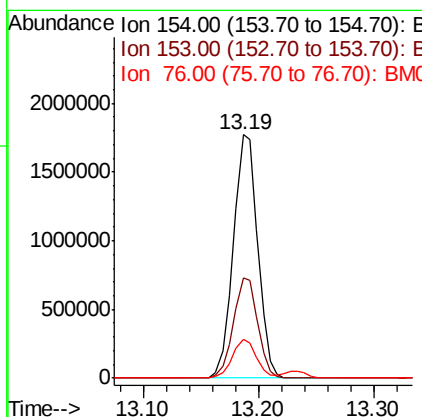
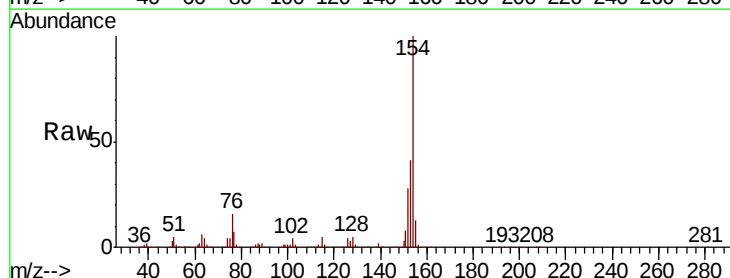
Manual Integrations
APPROVED

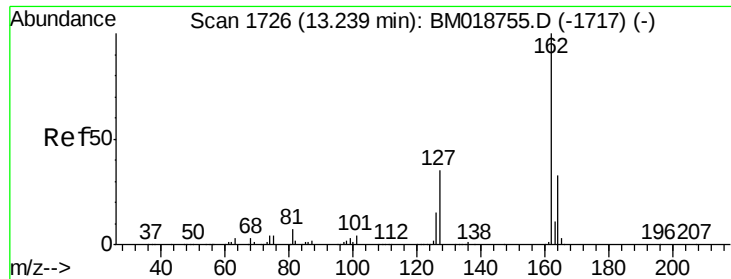
Sohil
2/13/2019 1:37:45 PM



#46
1,1'-Biphenyl
Concen: 40.494 ng
RT: 13.19 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.1	61.1
76	15.7	0.0	35.7





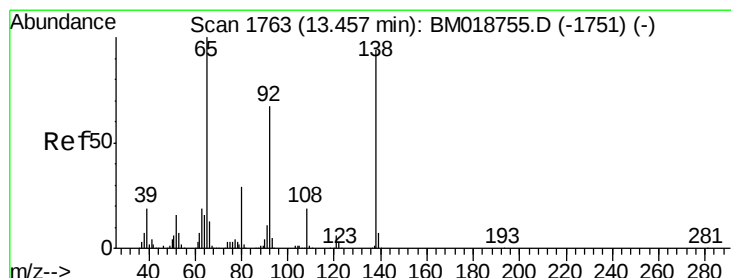
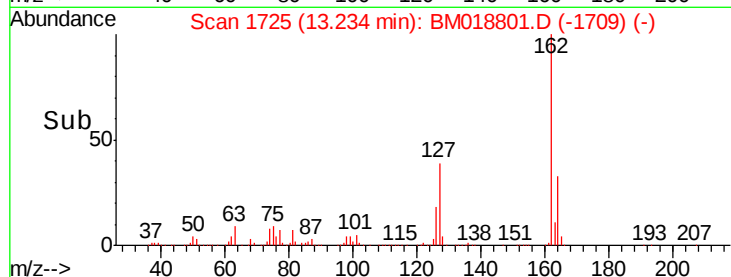
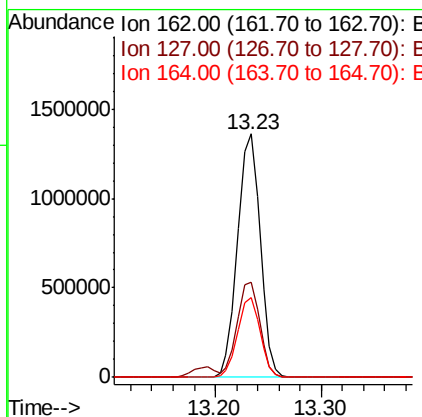
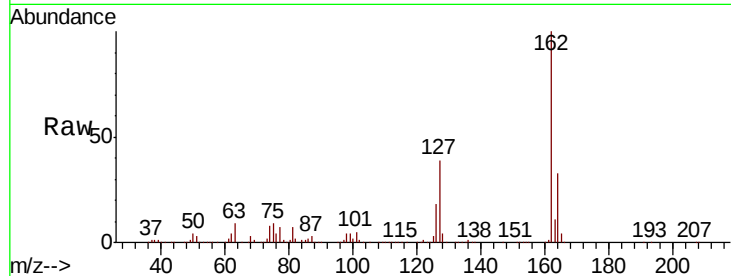
#47
2-Chloronaphthalene
Concen: 40.883 ng
RT: 13.23 min Scan# 1725
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

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

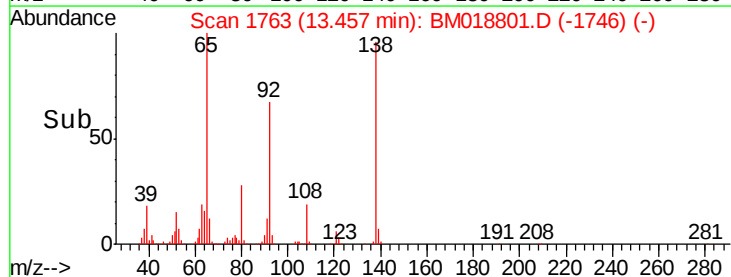
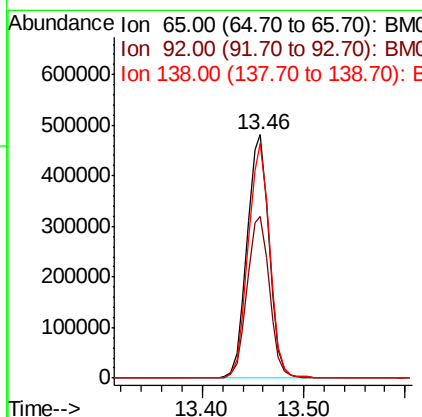
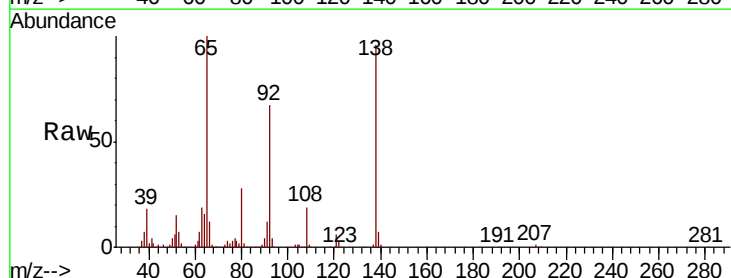
Manual Integrations
APPROVED

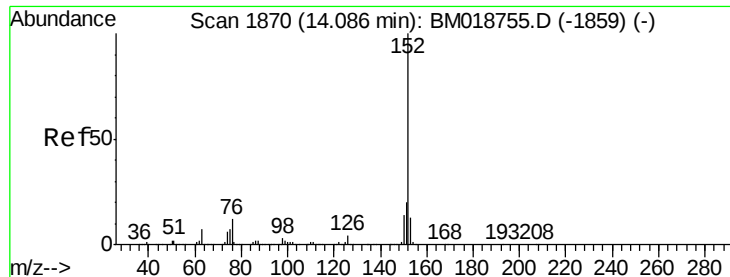
Sohil
2/13/2019 1:37:45 PM



#48
2-Nitroaniline
Concen: 44.496 ng
RT: 13.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.7	54.0	81.0
138	96.3	74.9	112.3





#49

Acenaphthylene

Concen: 45.787 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:152 Resp: 3362072

Ion Ratio Lower Upper

152 100

151 20.3 15.8 23.8

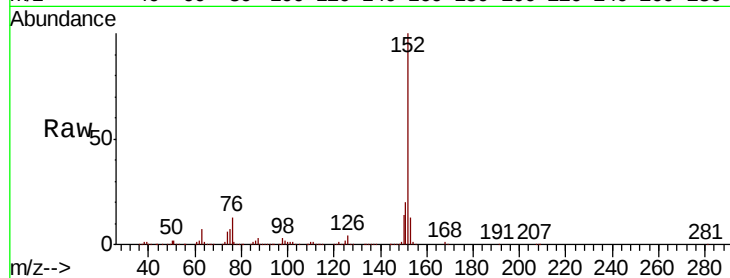
153 13.1 10.5 15.7

Manual Integrations

APPROVED

Sohil

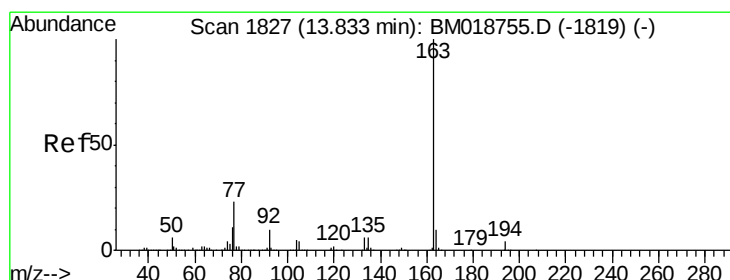
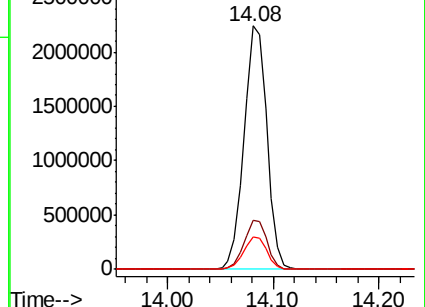
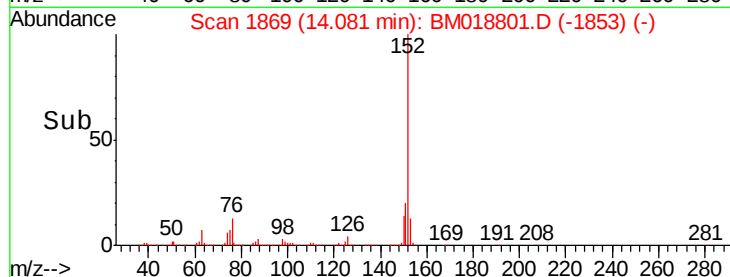
2/13/2019 1:37:45 PM



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: 42.795 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

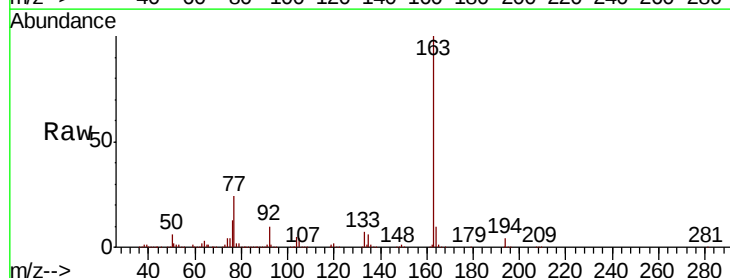
Tgt Ion:163 Resp: 2645360

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

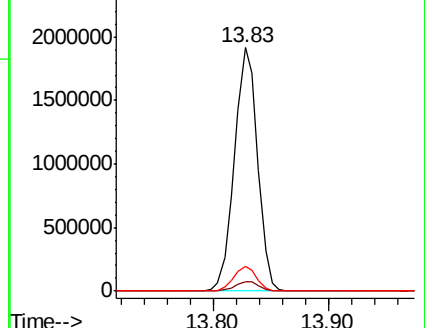
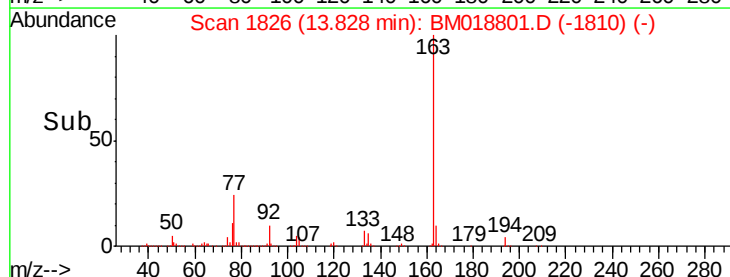
164 10.1 7.8 11.8

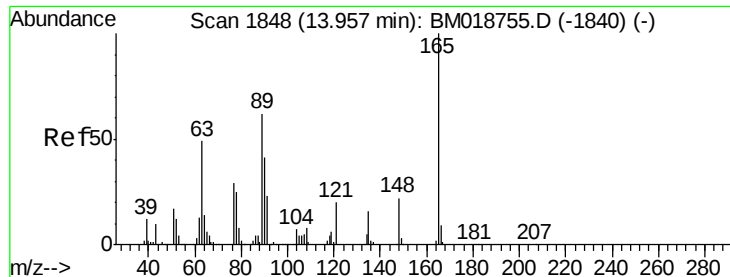


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





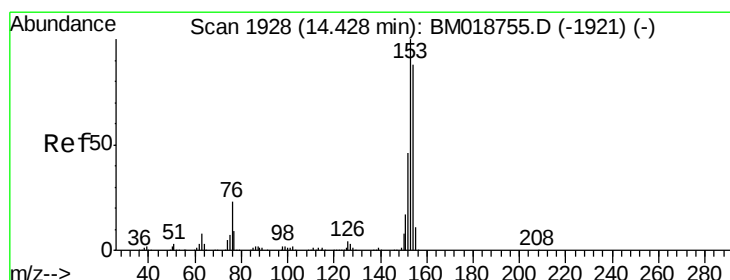
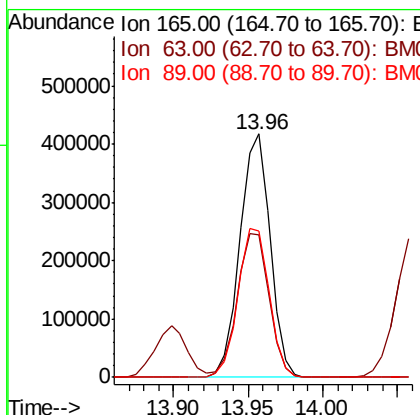
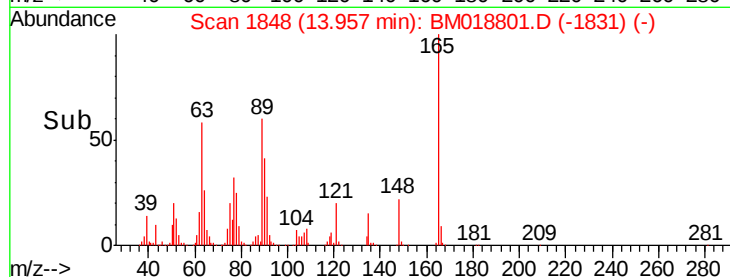
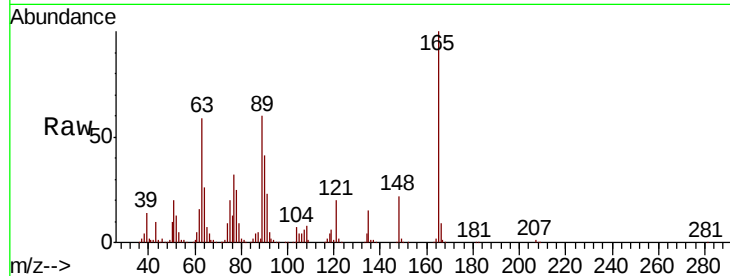
#51
2,6-Dinitrotoluene
Concen: 43.902 ng
RT: 13.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampled :
PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	587866		
63	58.6	48.9	73.3	
89	59.9	49.4	74.0	

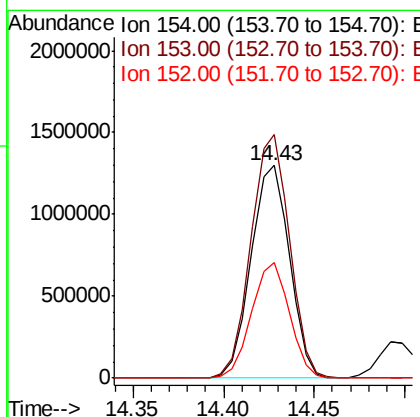
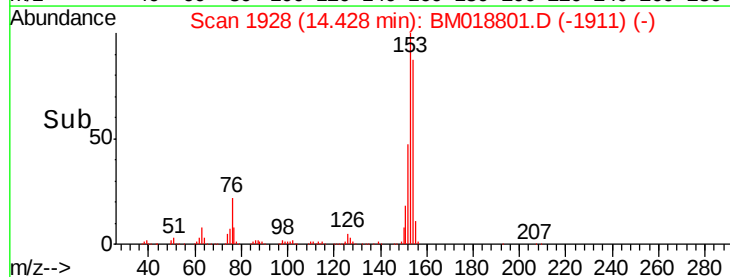
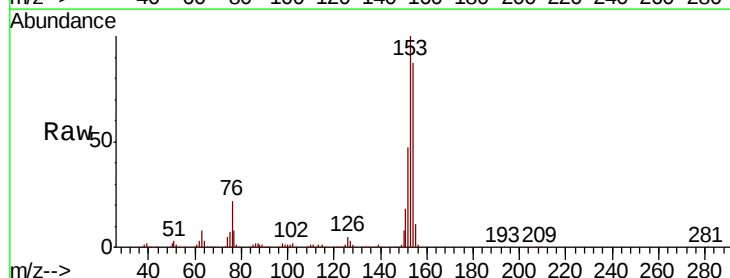
Manual Integrations
APPROVED

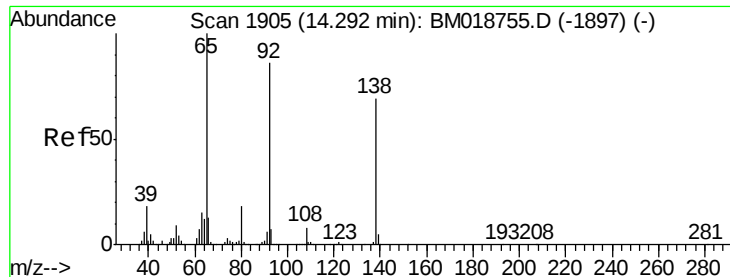
Sohil
2/13/2019 1:37:45 PM



#52
Acenaphthene
Concen: 42.578 ng
RT: 14.43 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1917052		
153	114.6	91.3	136.9	
152	54.2	42.2	63.4	





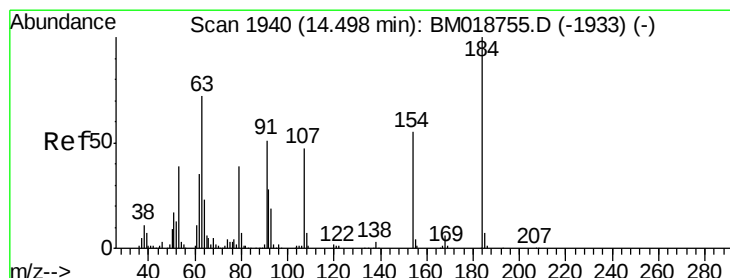
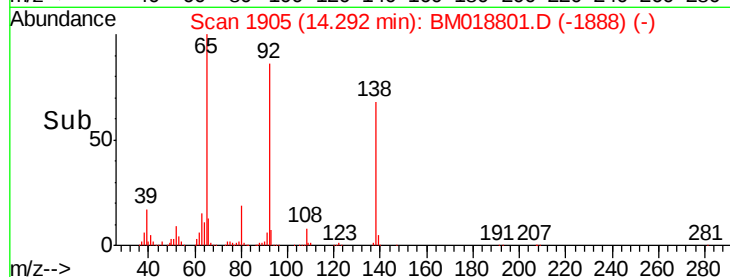
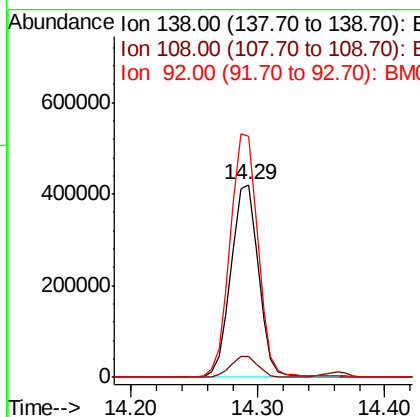
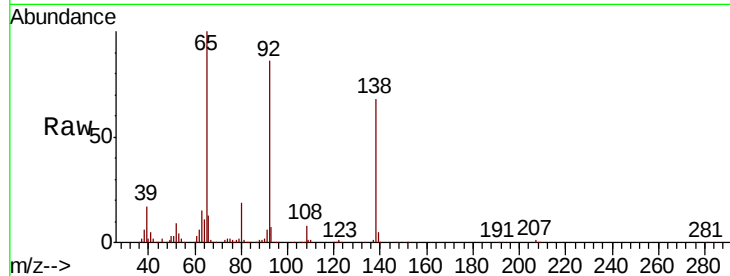
#53
3-Nitroaniline
Concen: 41.576 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.1	13.7
92	125.2	99.7	149.5

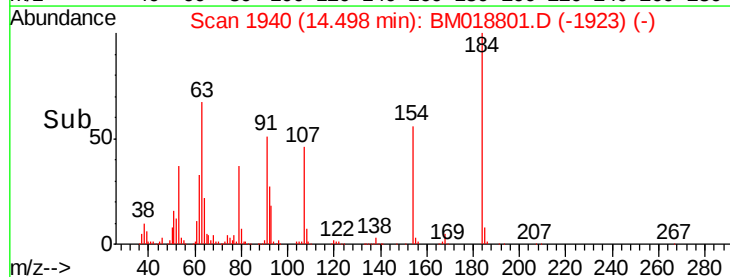
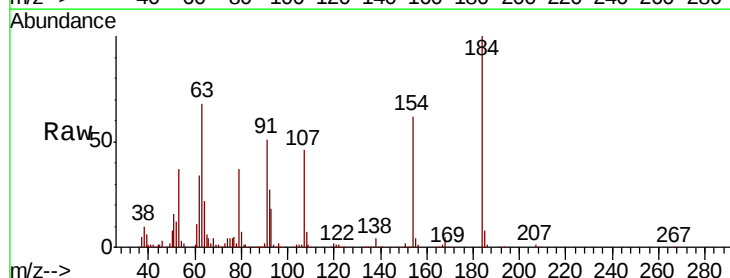
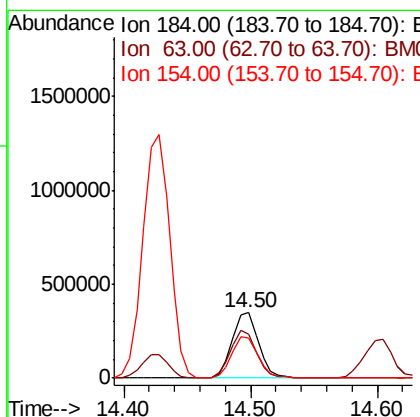
Manual Integrations
APPROVED

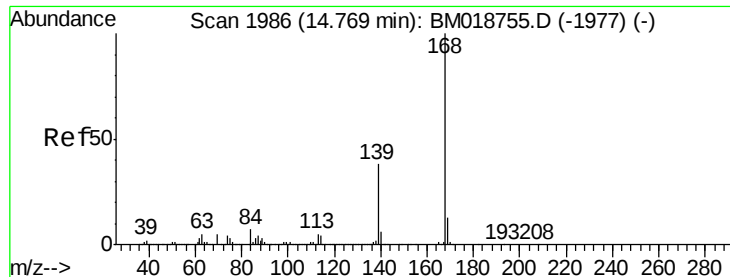
Sohil
2/13/2019 1:37:45 PM



#54
2,4-Dinitrophenol
Concen: 61.419 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.0	58.0	87.0
154	62.2	50.3	75.5





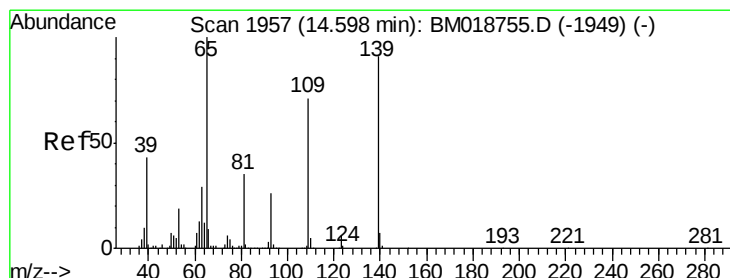
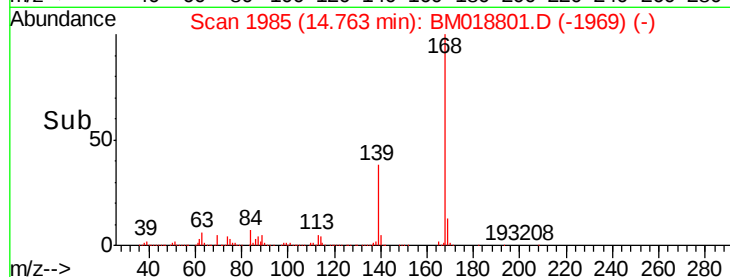
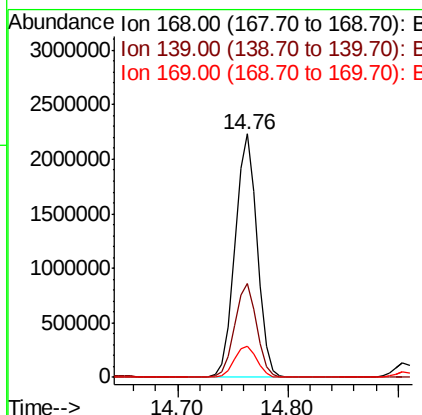
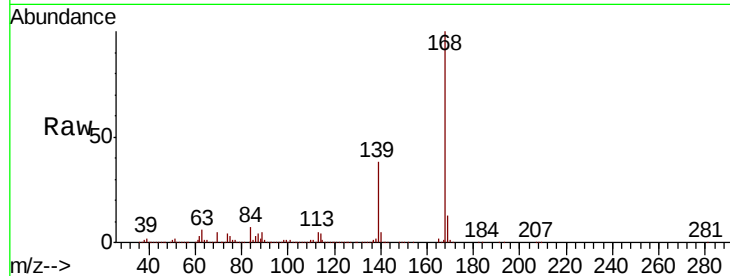
#55
Dibenzofuran
Concen: 42.259 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.7	46.1
169	13.0	10.3	15.5

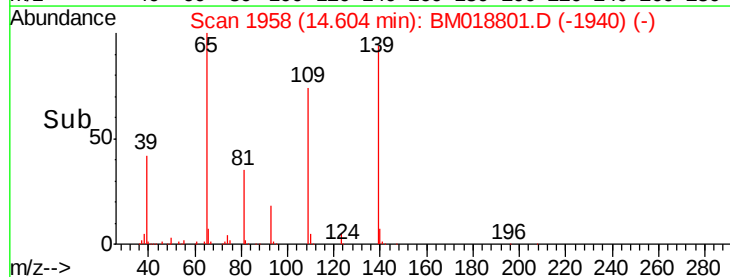
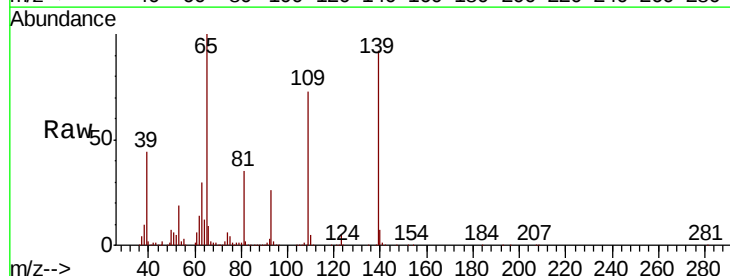
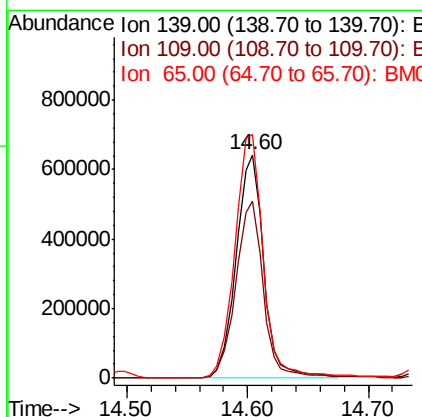
Manual Integrations
APPROVED

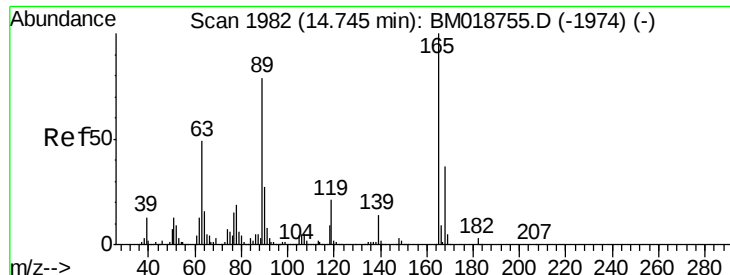
Sohil
2/13/2019 1:37:45 PM



#56
4-Nitrophenol
Concen: 85.378 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.0	58.4	98.4
65	108.9	89.8	129.8





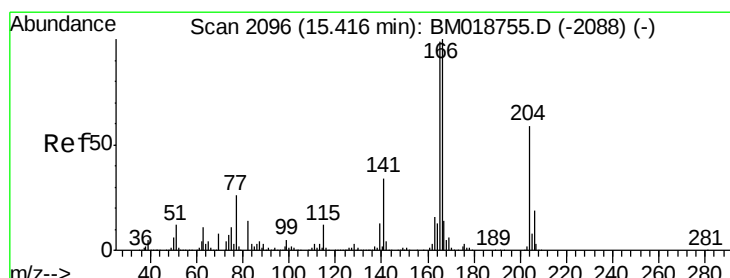
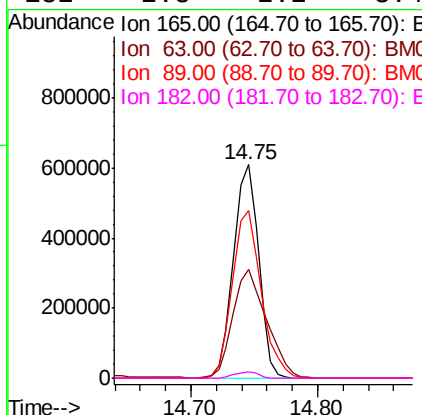
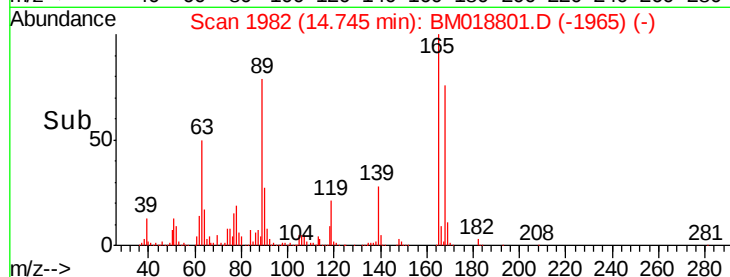
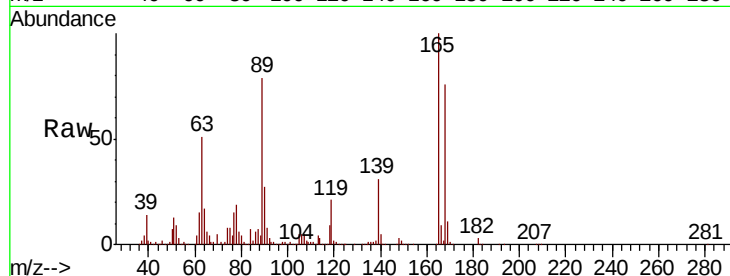
#57
2,4-Dinitrotoluene
Concen: 45.376 ng
RT: 14.75 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		837155		
63	50.7	39.6	59.4		
89	78.7	63.5	95.3		
182	2.8	2.2	3.4		

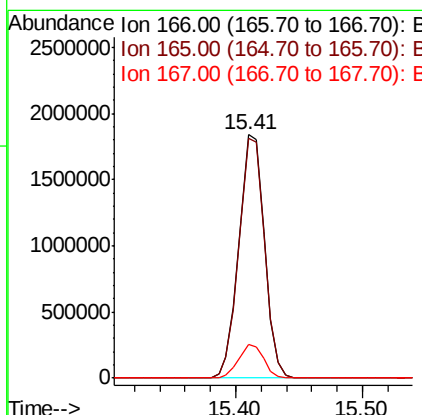
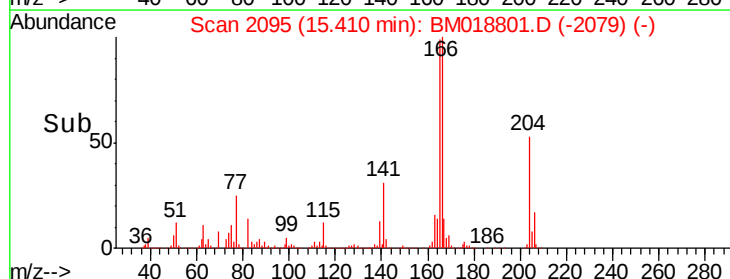
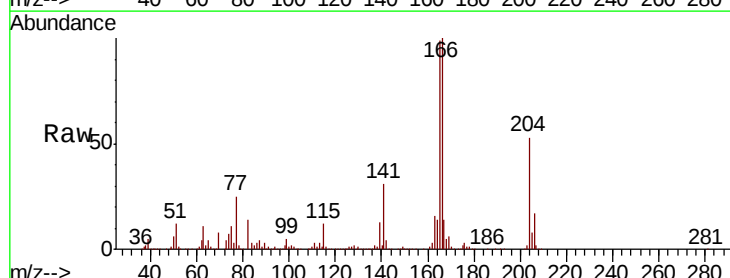
Manual Integrations
APPROVED

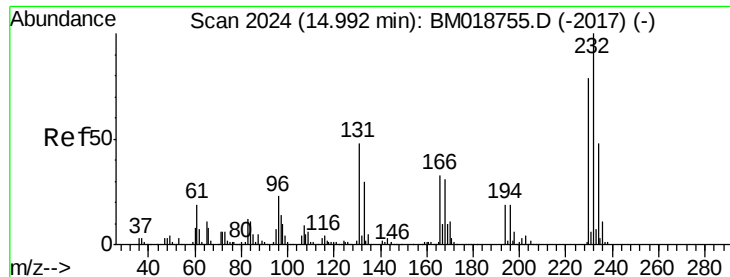
Sohil
2/13/2019 1:37:45 PM



#58
Fluorene
Concen: 45.324 ng
RT: 15.41 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		2566058		
165	98.7	79.1	118.7		
167	13.8	11.0	16.4		





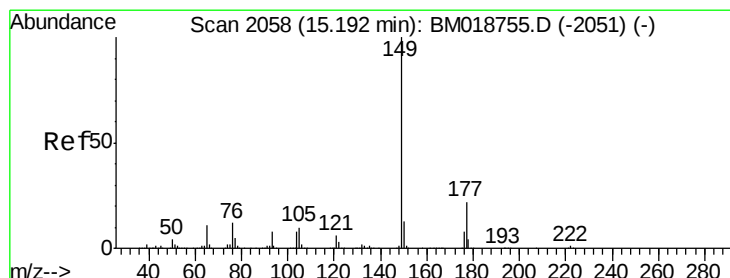
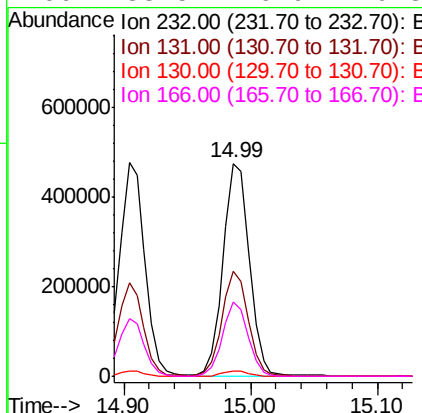
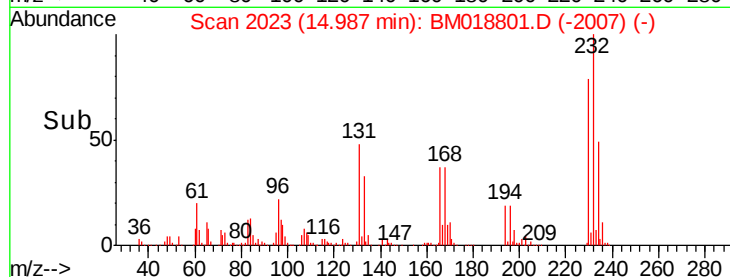
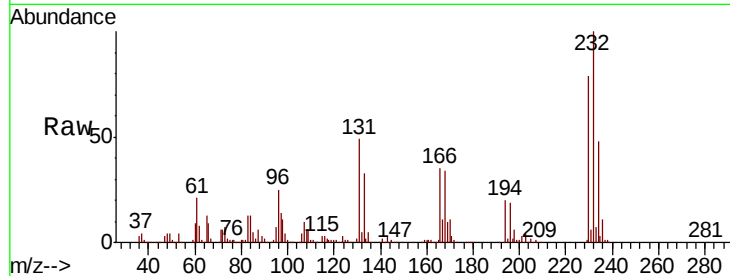
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.618 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.2	38.6	57.8
130	2.5	2.0	3.0
166	33.5	26.9	40.3

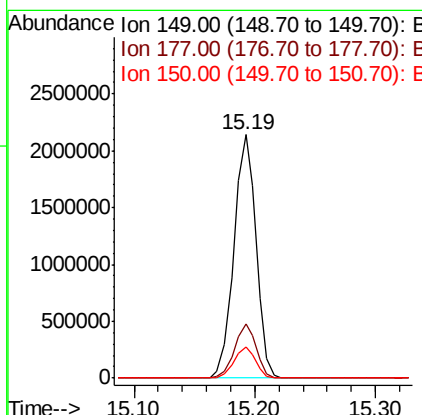
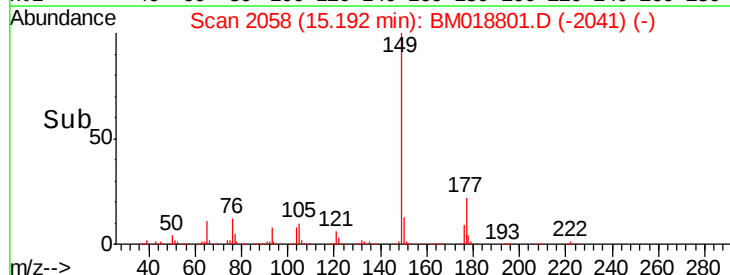
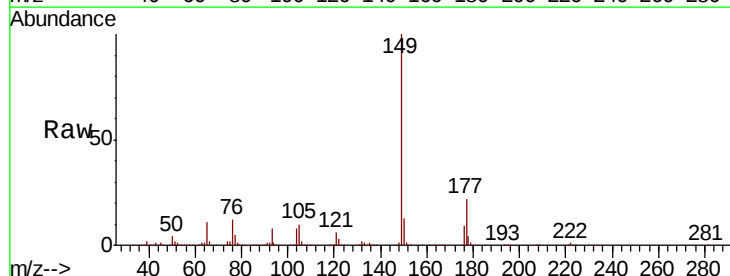
Manual Integrations
APPROVED

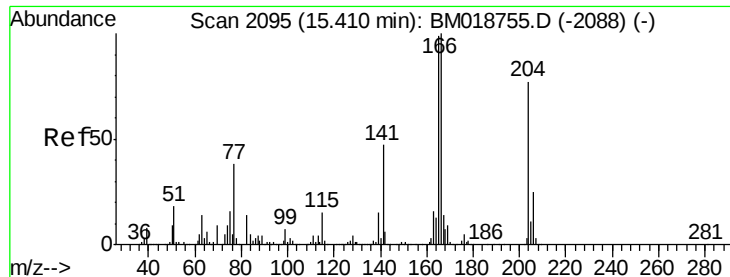
Sohil
2/13/2019 1:37:45 PM



#60
Diethylphthalate
Concen: 42.875 ng
RT: 15.19 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.2	25.8
150	12.8	10.2	15.2





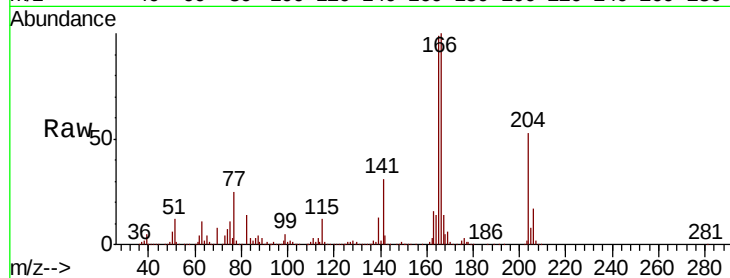
#61
4-Chlorophenyl-phenylether
Concen: 40.086 ng
RT: 15.41 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	59.2	49.2	73.8

Manual Integrations
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Sohil
2/13/2019 1:37:45 PM

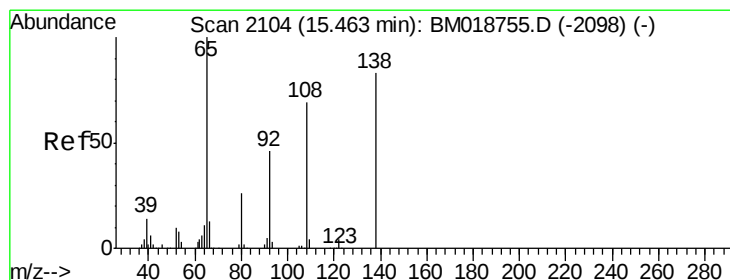
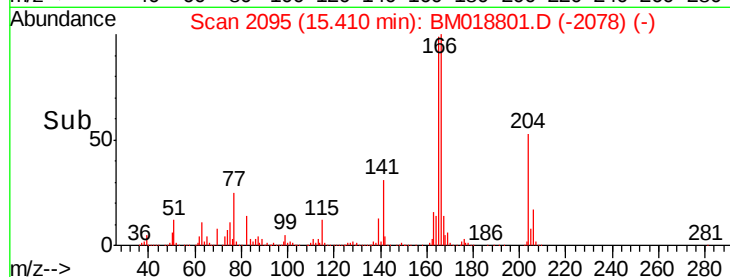
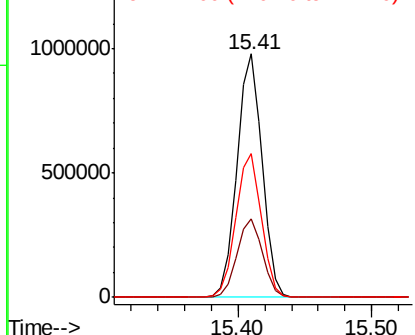


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.806 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

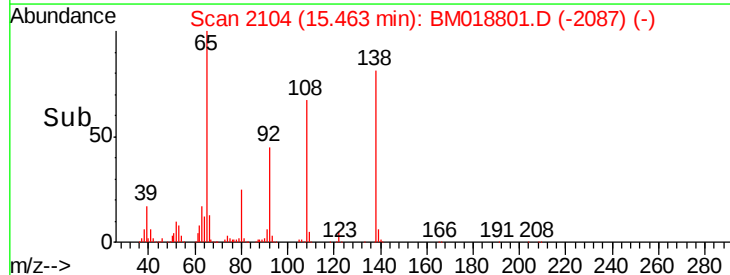
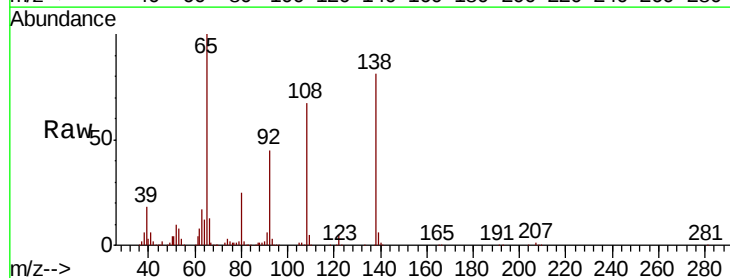
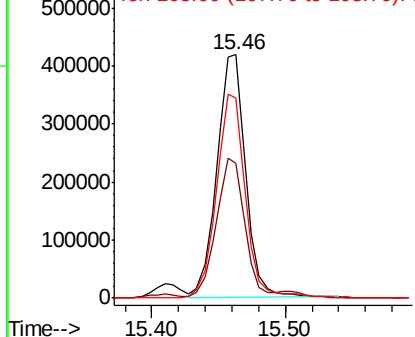
Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.5	35.5	75.5
108	82.3	62.4	102.4

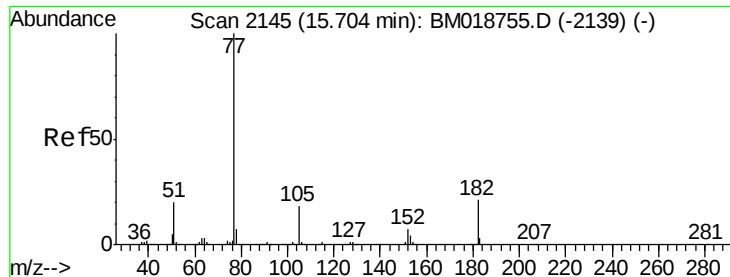
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





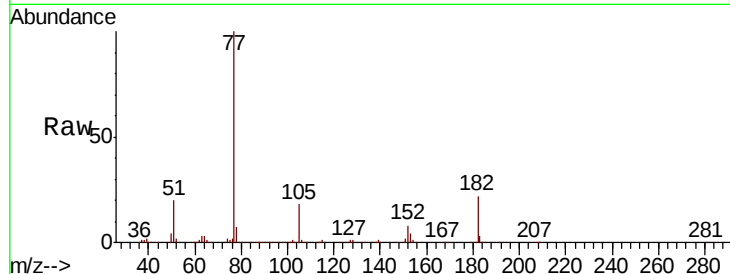
#63
Azobenzene
Concen: 42.913 ng
RT: 15.70 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.4	1.0	41.0
105	18.3	0.0	37.7
51	20.2	0.3	40.3

Manual Integrations
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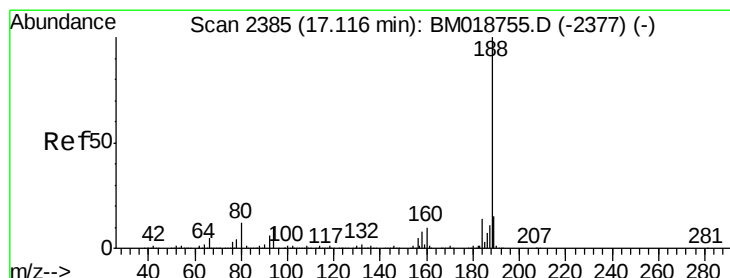
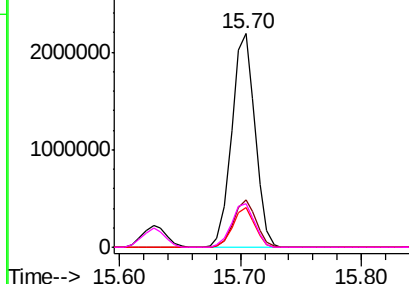
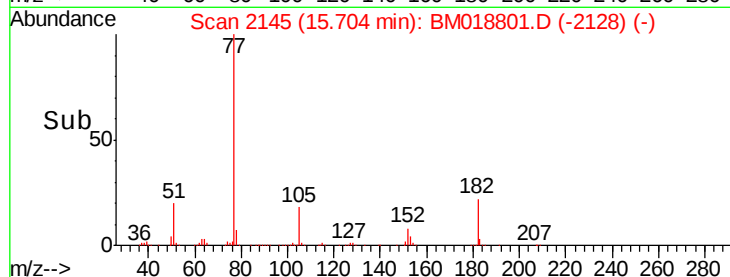
Abundance

Ion 77.00 (76.70 to 77.70): BM018801.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM018801.D (-2128) (-)

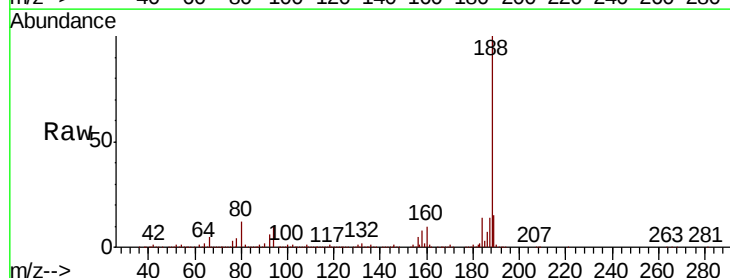
Ion 105.00 (104.70 to 105.70): BM018801.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM018801.D (-2128) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	12.0	9.7	14.5

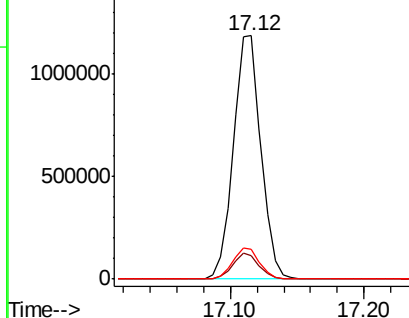
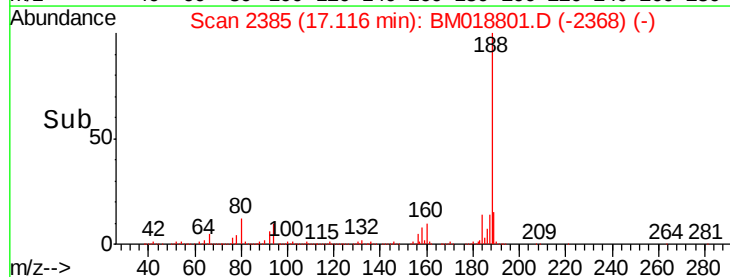


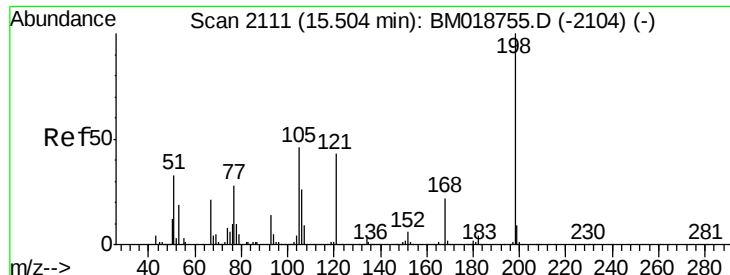
Abundance

Ion 188.00 (187.70 to 188.70): BM018801.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM018801.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM018801.D (-2368) (-)





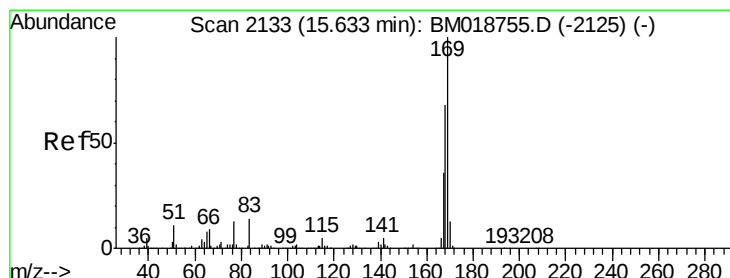
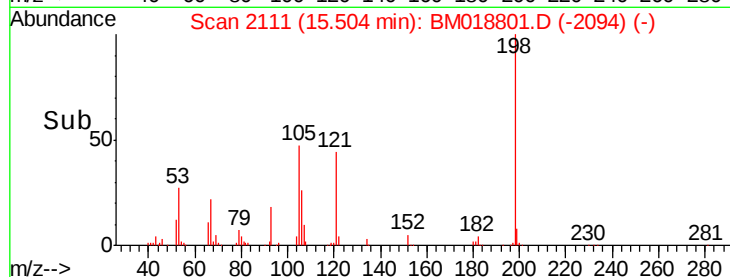
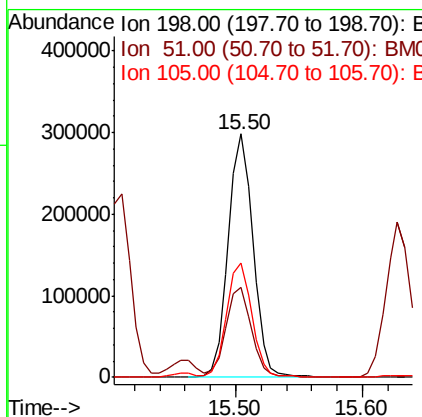
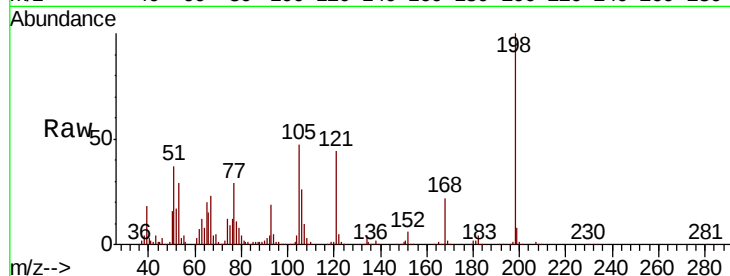
#65
4,6-Dinitro-2-methylphenol
Concen: 34.023 ng
RT: 15.50 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	405472		
51	37.0		18.4	58.4
105	47.2		27.2	67.2

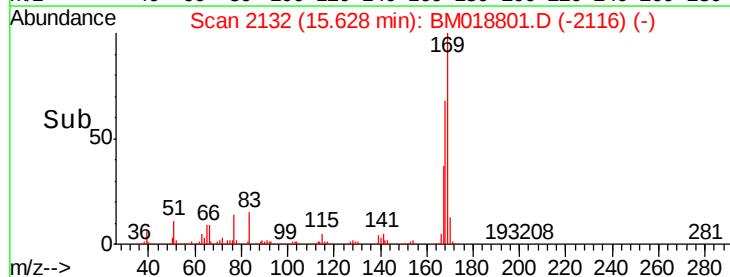
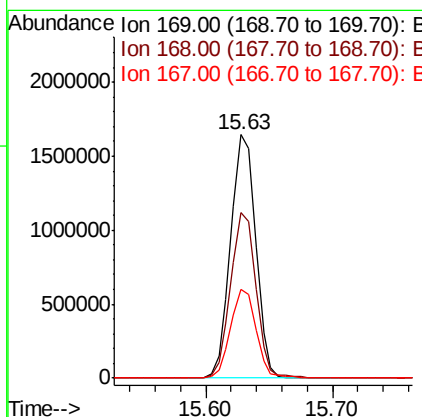
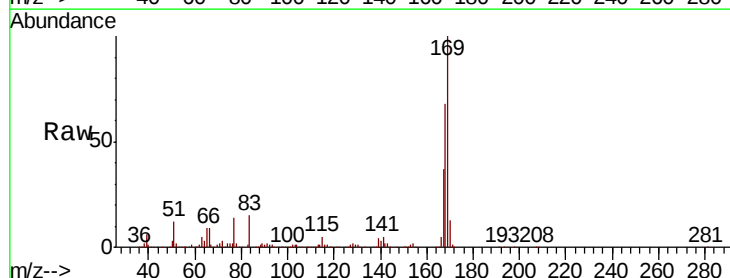
Manual Integrations
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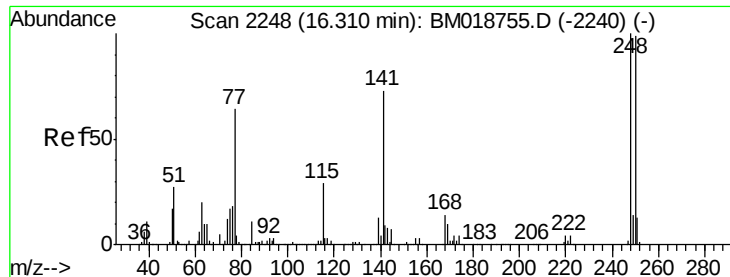
Sohil
2/13/2019 1:37:45 PM



#66
n-Nitrosodiphenylamine
Concen: 41.867 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2245267		
168	68.2		54.4	81.6
167	36.6		29.0	43.6





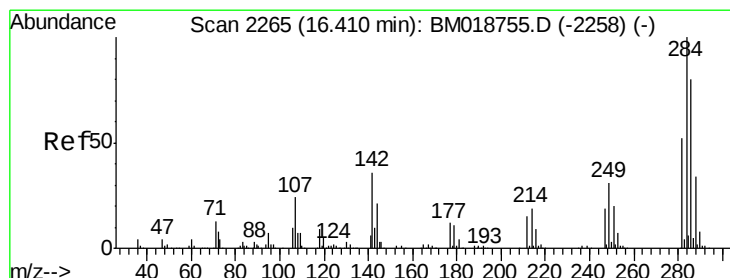
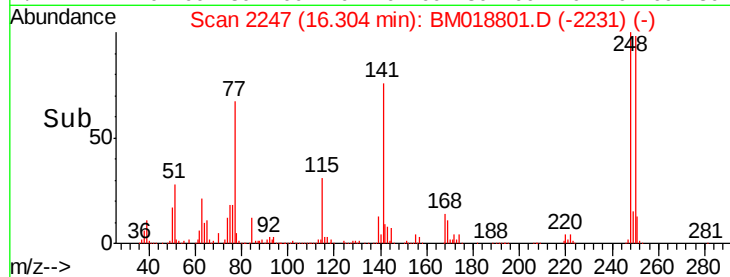
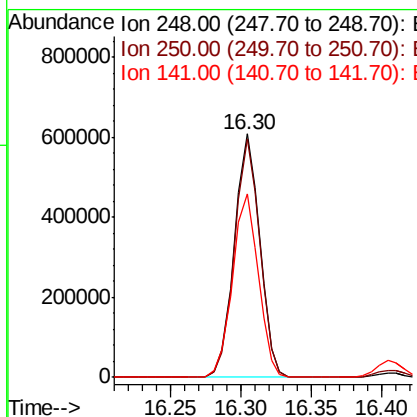
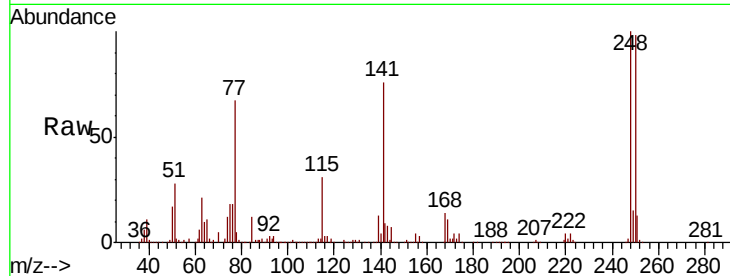
#67
 4-Bromophenyl-phenylether
 Concen: 40.360 ng
 RT: 16.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion:	248	Resp:	766822
Ion Ratio	Lower	Upper	
248	100		
250	98.1	79.0	118.6
141	75.6	58.6	88.0

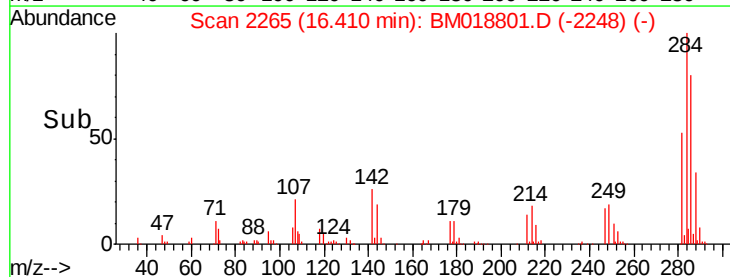
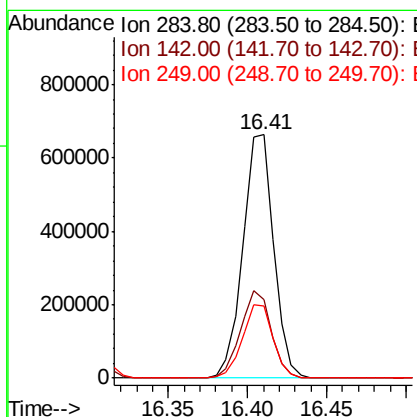
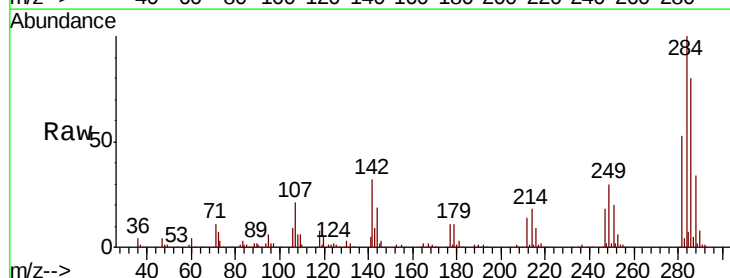
Manual Integrations
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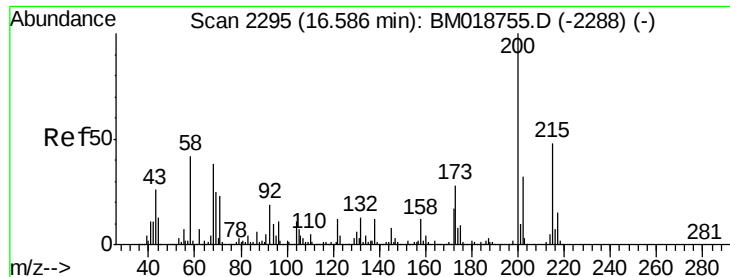
Sohil
 2/13/2019 1:37:45 PM



#68
 Hexachlorobenzene
 Concen: 40.586 ng
 RT: 16.41 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion:	284	Resp:	896311
Ion Ratio	Lower	Upper	
284	100		
142	32.4	28.9	43.3
249	29.6	24.8	37.2





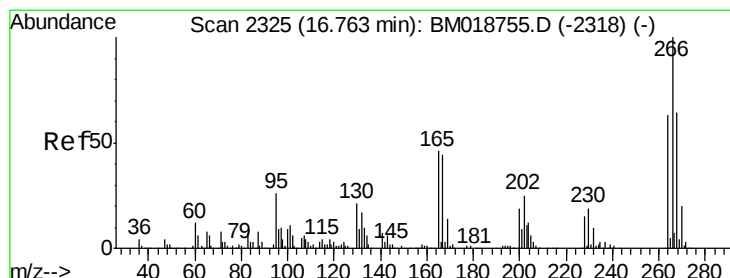
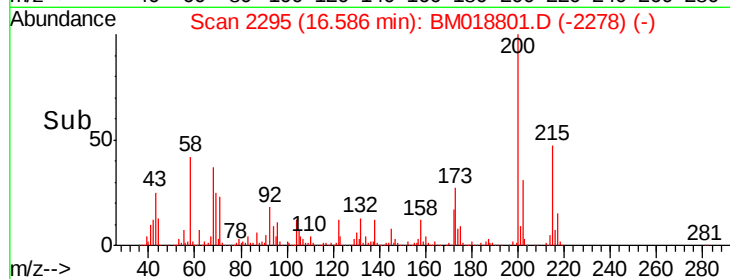
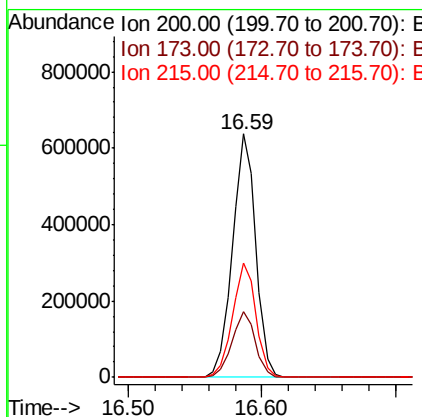
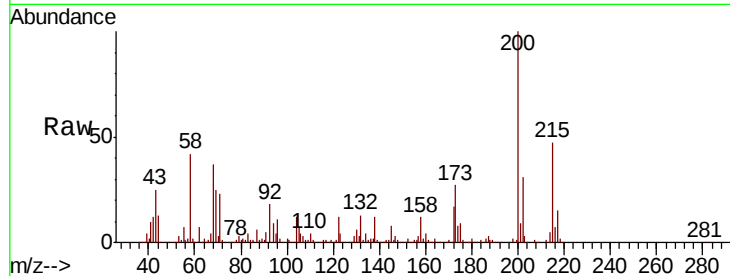
#69
Atrazine
Concen: 44.809 ng
RT: 16.59 min Scan# 2295
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.6	47.6
215	46.7	27.6	67.6

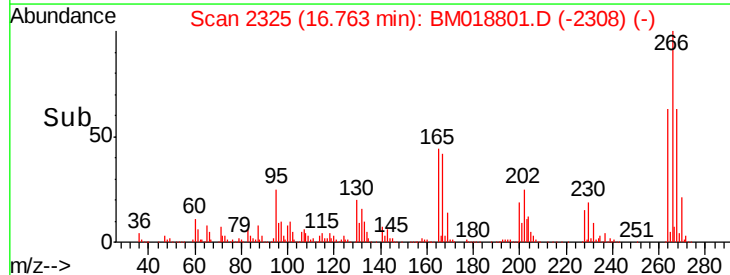
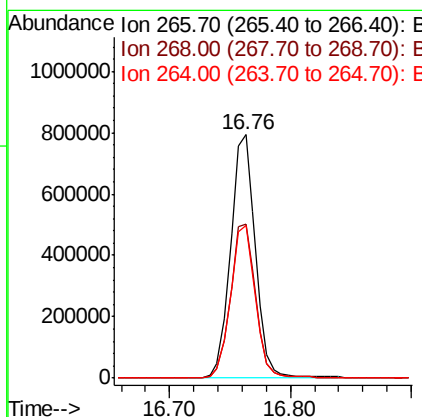
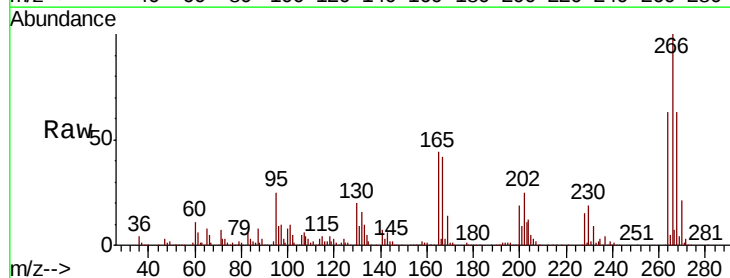
Manual Integrations
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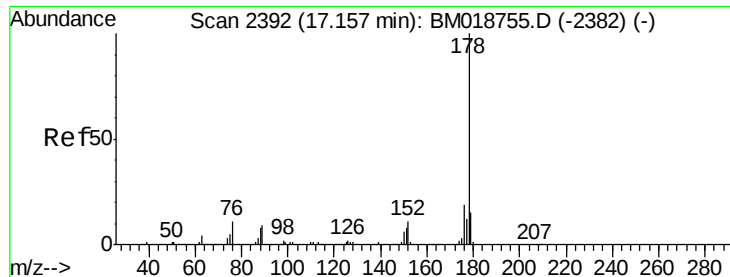
Sohil
2/13/2019 1:37:45 PM



#70
Pentachlorophenol
Concen: 79.751 ng
RT: 16.76 min Scan# 2325
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.3	76.9
264	62.5	50.6	75.8





#71

Phenanthrene

Concen: 44.692 ng

RT: 17.16 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:178 Resp: 4076849

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

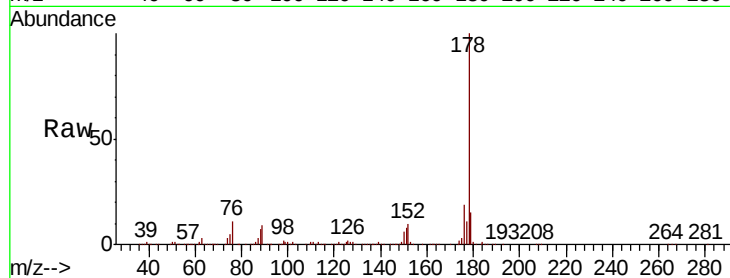
179 15.2 12.3 18.5

Manual Integrations

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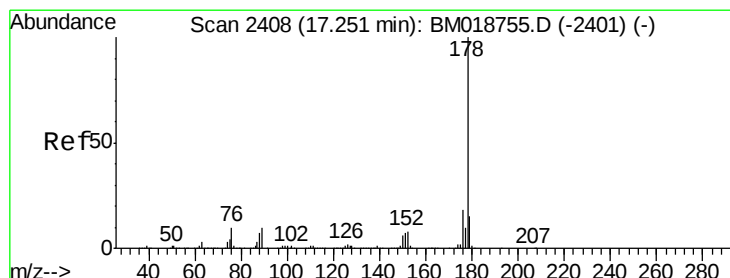
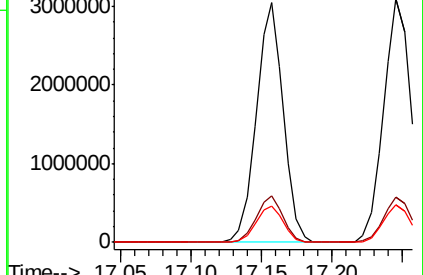
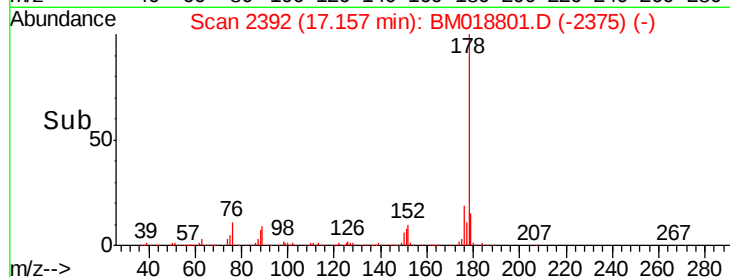
2/13/2019 1:37:45 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.164 ng

RT: 17.25 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

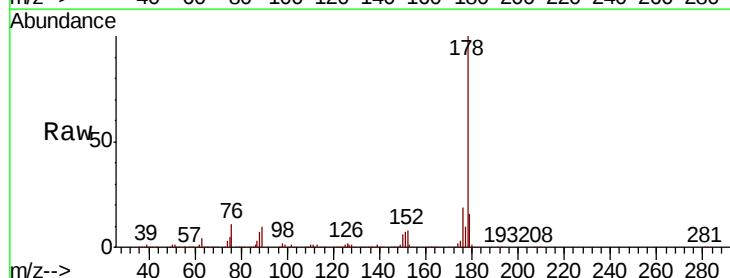
Tgt Ion:178 Resp: 4187591

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

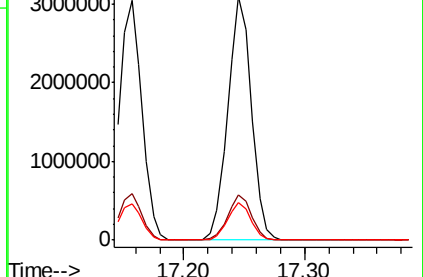
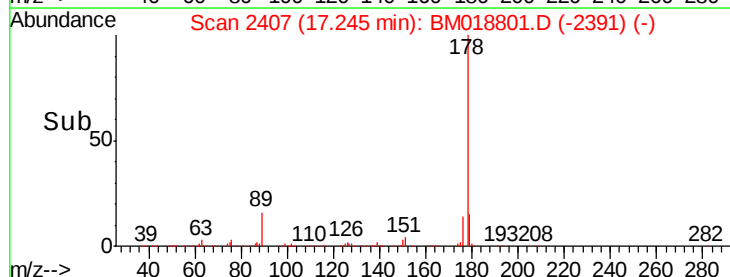
179 15.5 12.1 18.1

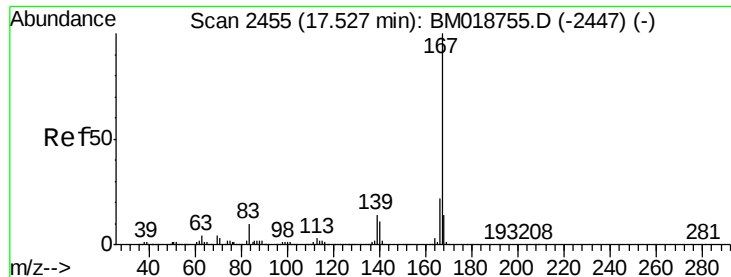


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





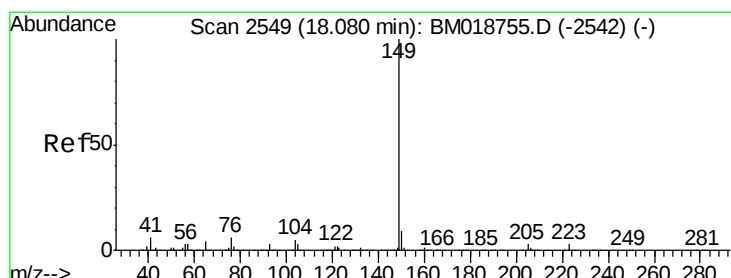
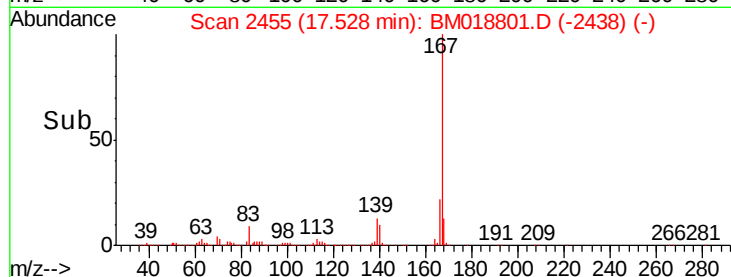
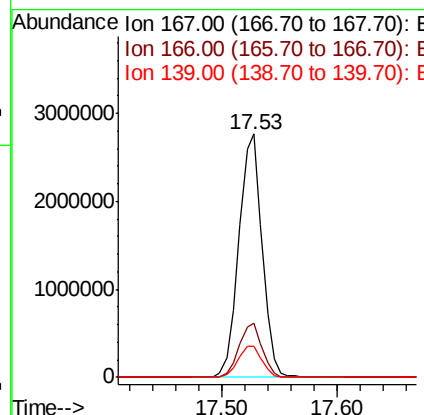
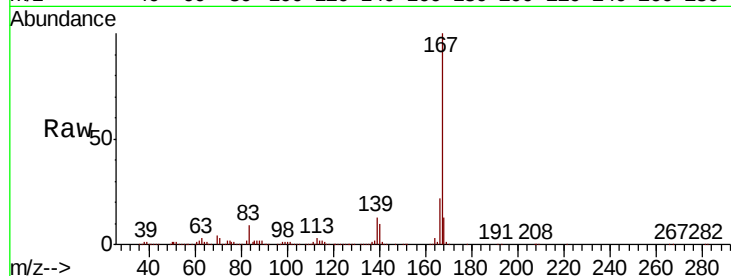
#73
 Carbazole
 Concen: 41.510 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	12.9	10.9	16.3

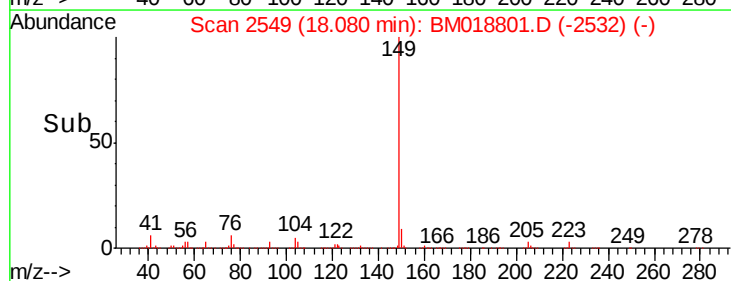
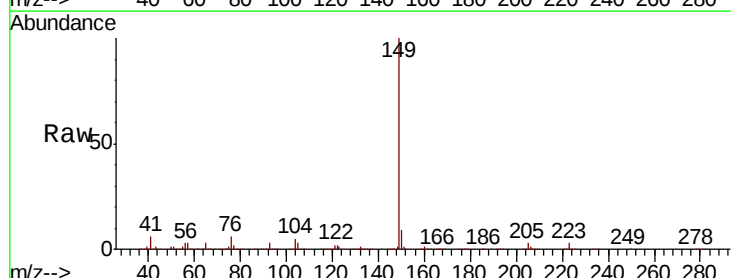
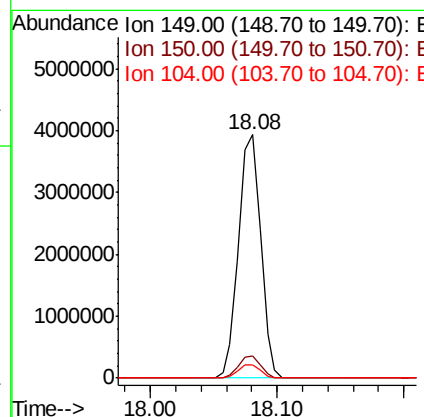
Manual Integrations
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Sohil
 2/13/2019 1:37:45 PM



#74
 Di-n-butylphthalate
 Concen: 44.482 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 45.446 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

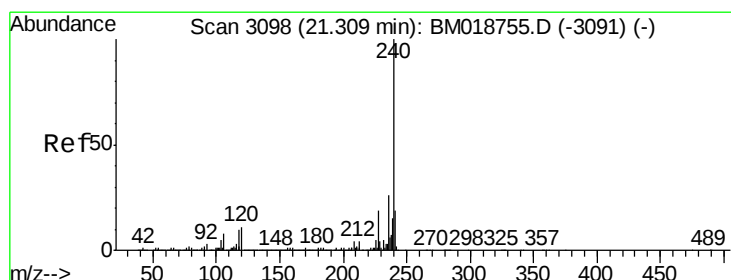
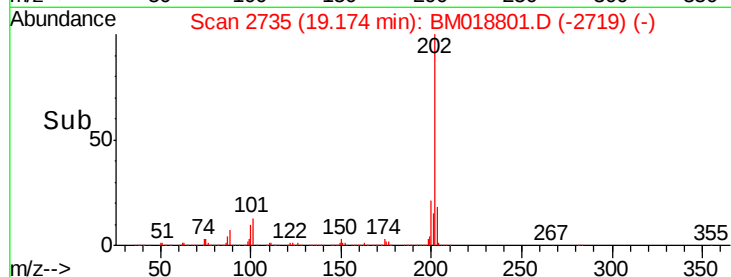
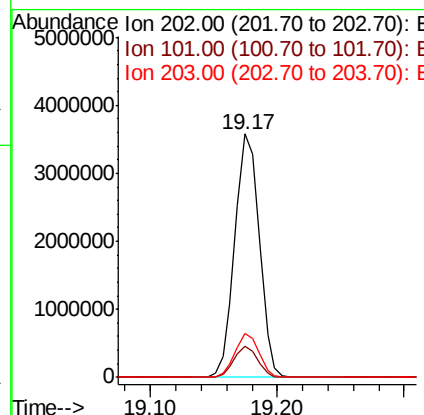
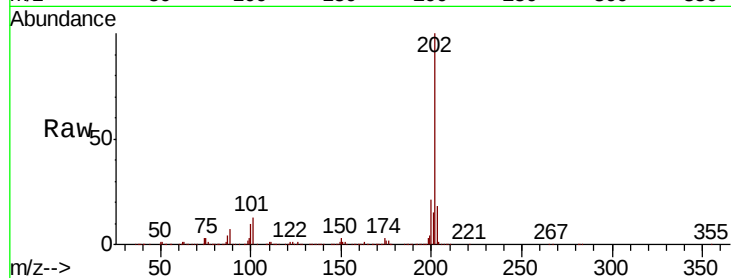
ClientSampleId :

PB117038BSD

Tot Ion:	202	Resp:	4788734
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.5
203	17.8	0.0	37.3

Manual Integrations
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Sohil
2/13/2019 1:37:45 PM



#76

Chrysene-d12

Concen: 20.000 ng

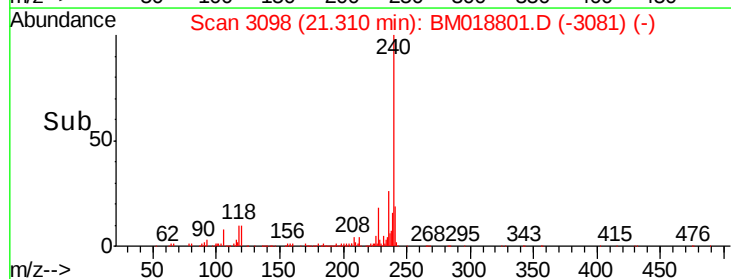
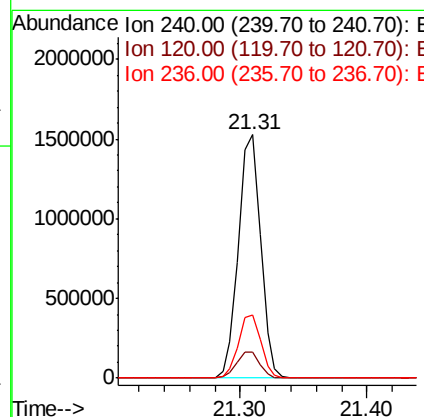
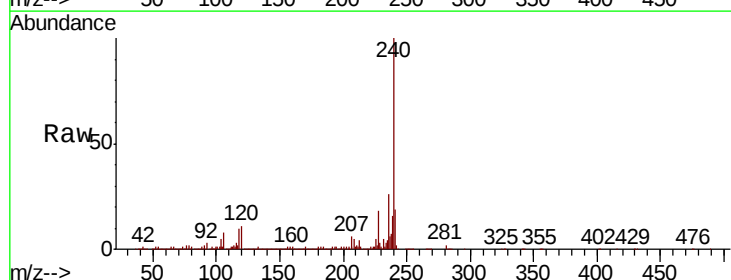
RT: 21.31 min Scan# 3098

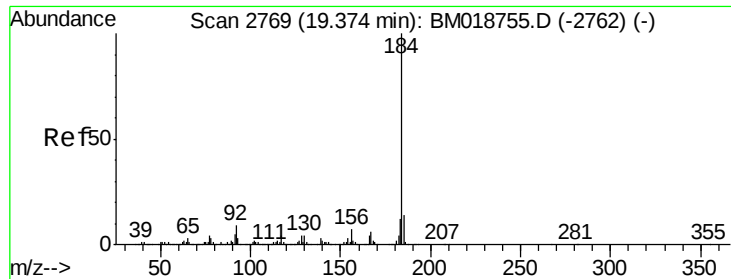
Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Tgt Ion:	240	Resp:	1847288
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	26.1	20.9	31.3





#77

Benzidine

Concen: 130.497 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampled :

PB117038BSD

Tot Ion:184 Resp: 5429129

Ion Ratio Lower Upper

184 100

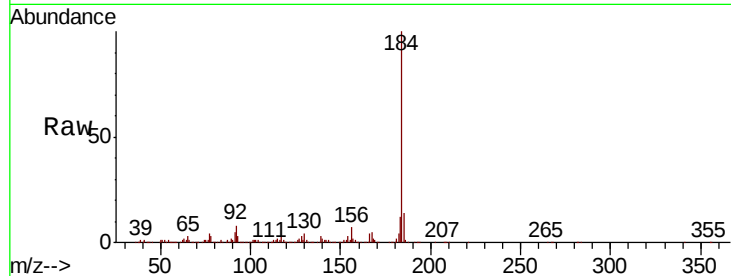
185 14.1 11.2 16.8

183 12.4 9.7 14.5

Manual Integrations
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2/13/2019 1:37:45 PM

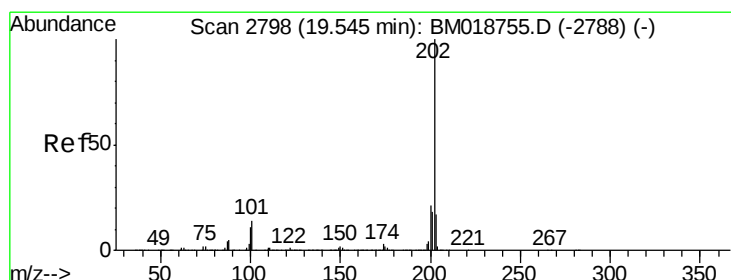
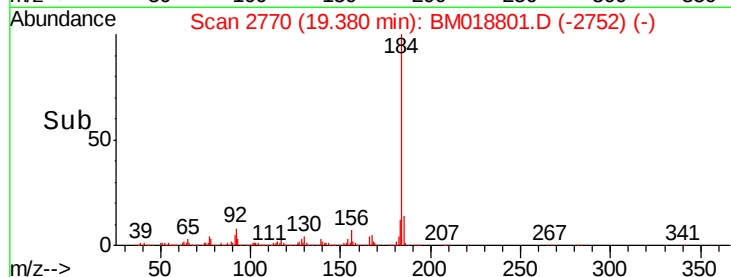
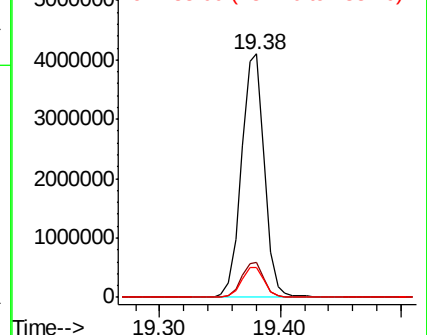


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.855 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

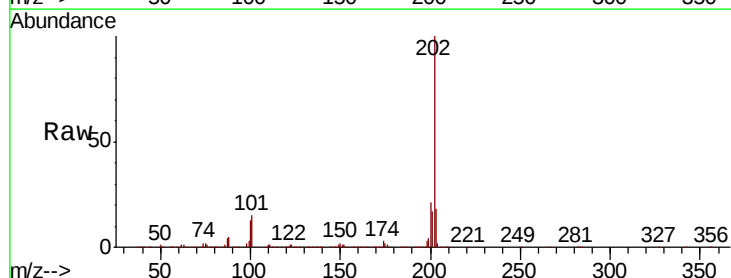
Tgt Ion:202 Resp: 4919727

Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.6 13.8 20.8

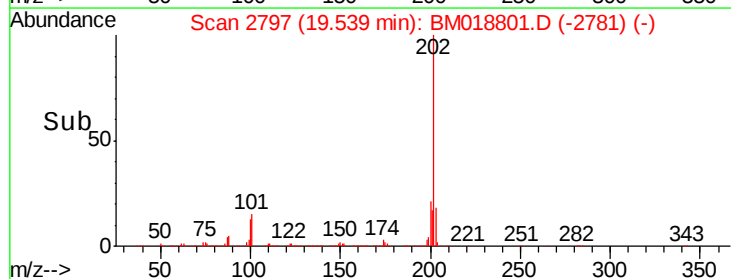
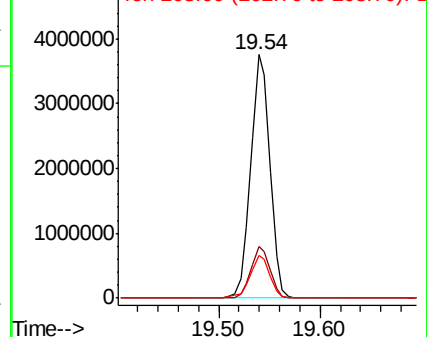


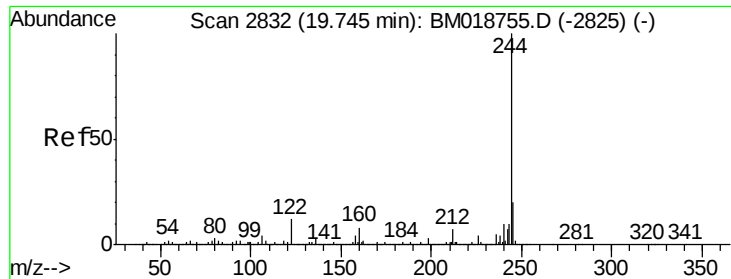
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





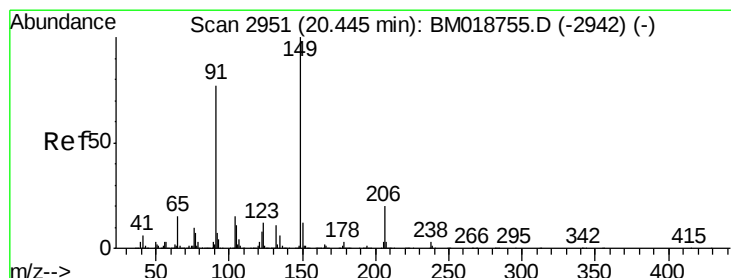
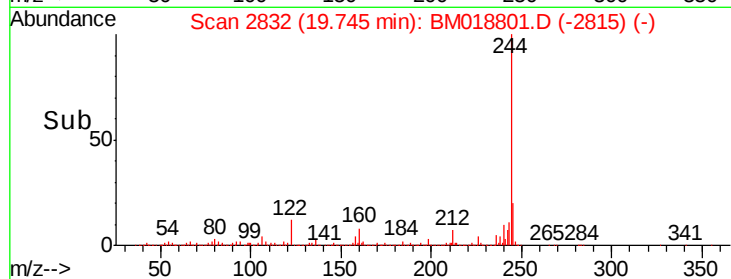
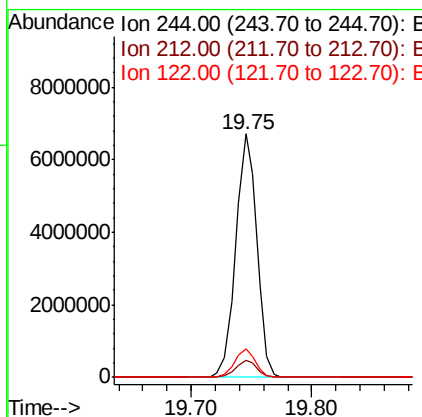
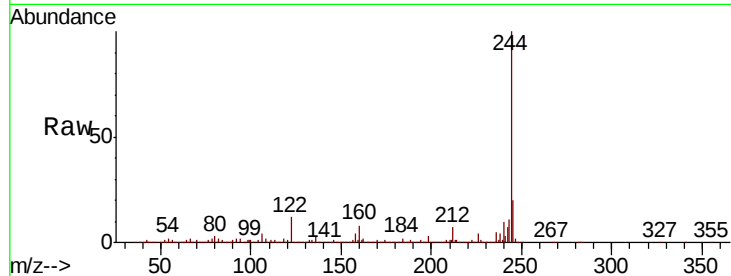
#79
 Terphenyl-d14
 Concen: 91.099 ng
 RT: 19.75 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Instrument :
 BNA_M
 ClientSampleId :
 PB117038BSD

Tot Ion:244 Resp: 8157780
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.6 9.3 13.9

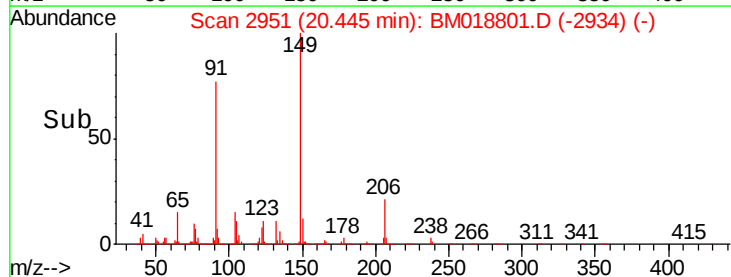
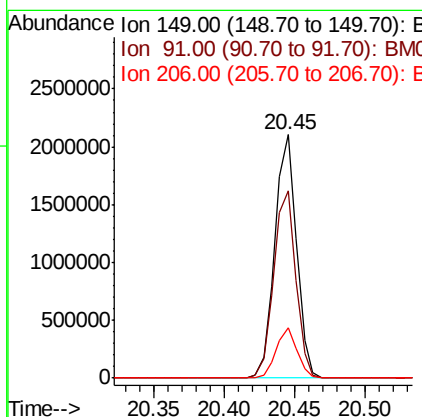
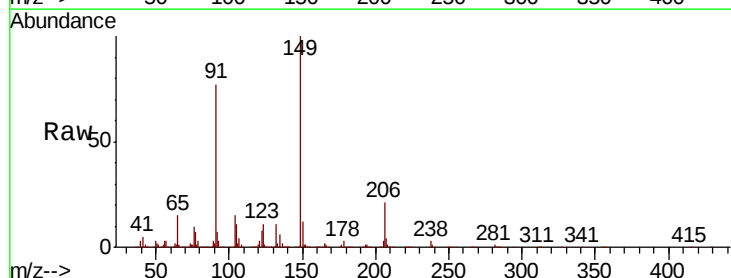
Manual Integrations
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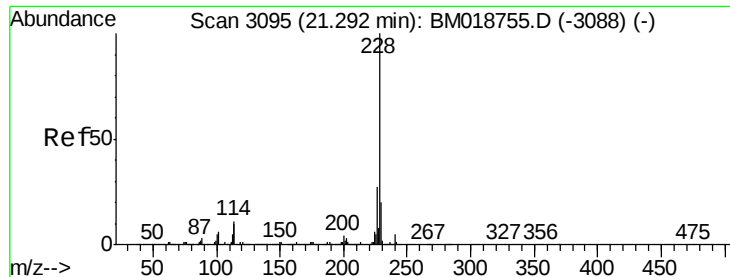
Sohil
 2/13/2019 1:37:45 PM



#80
 Butylbenzylphthalate
 Concen: 46.471 ng
 RT: 20.45 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: BM018801.D
 Acq: 13 Feb 2019 11:57

Tgt Ion:149 Resp: 2272242
 Ion Ratio Lower Upper
 149 100
 91 76.7 61.4 92.0
 206 20.7 15.8 23.8





#81

Benzo(a)anthracene

Concen: 45.432 ng

RT: 21.29 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:228 Resp: 4892203

Ion Ratio Lower Upper

228 100

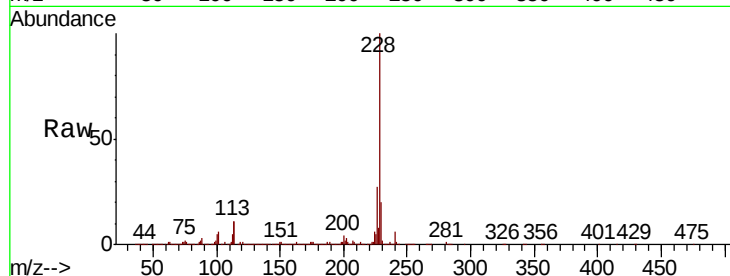
226 27.3 21.9 32.9

229 19.9 15.9 23.9

Manual Integrations
APPROVED

Sohil

2/13/2019 1:37:45 PM

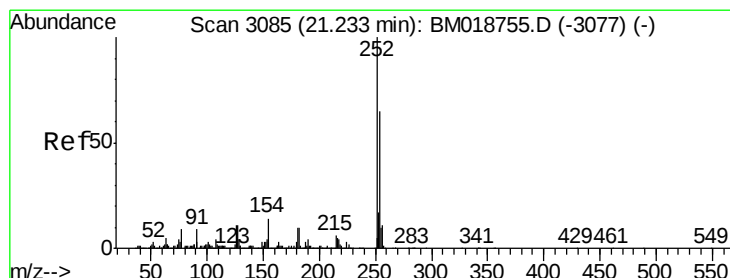
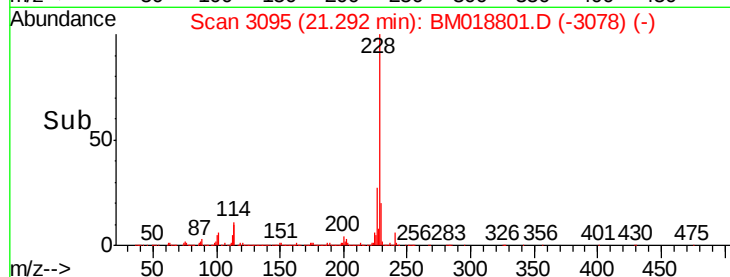
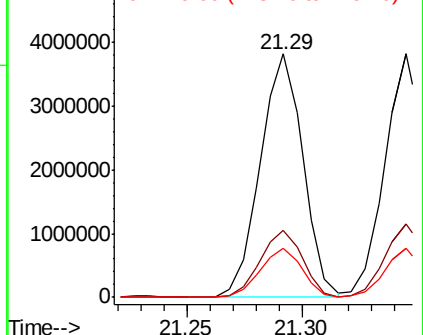


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.105 ng

RT: 21.23 min Scan# 3085

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

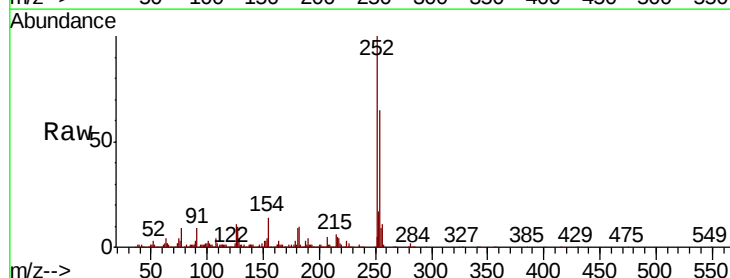
Tgt Ion:252 Resp: 1877007

Ion Ratio Lower Upper

252 100

254 65.4 51.8 77.8

126 11.0 9.1 13.7

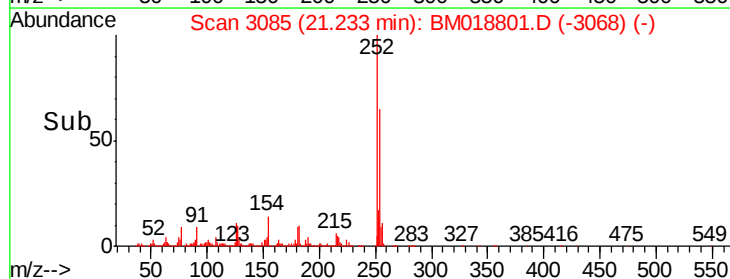
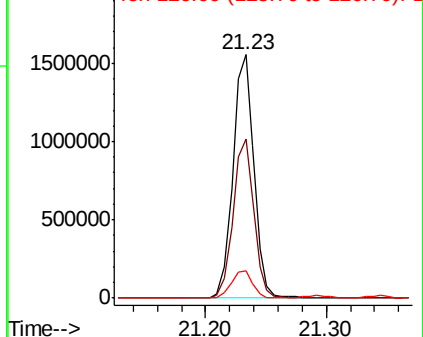


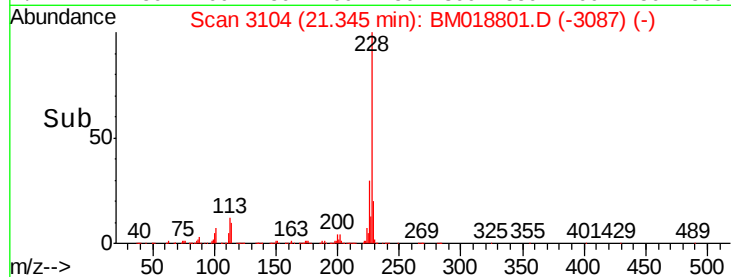
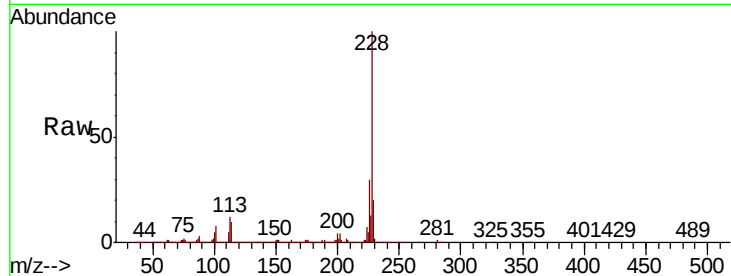
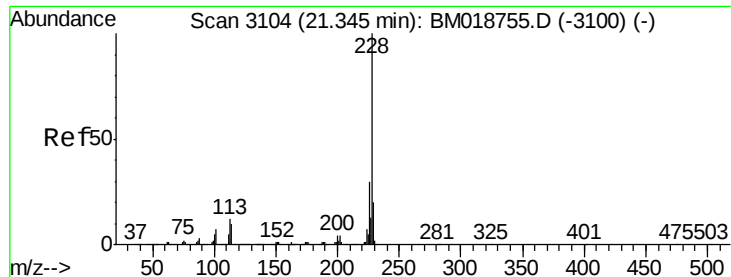
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





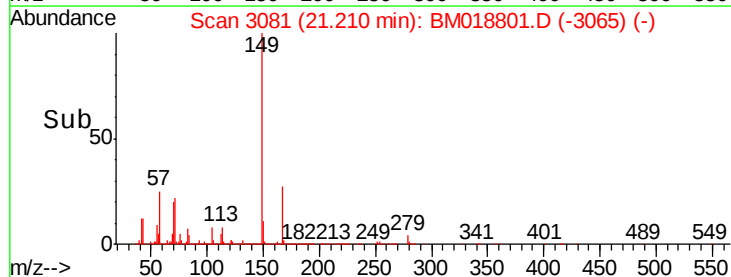
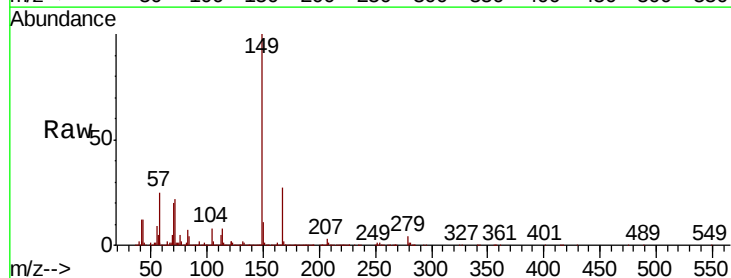
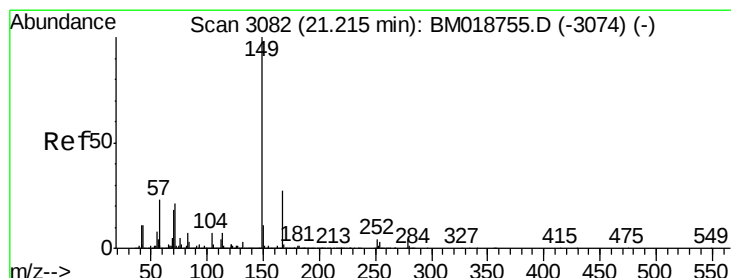
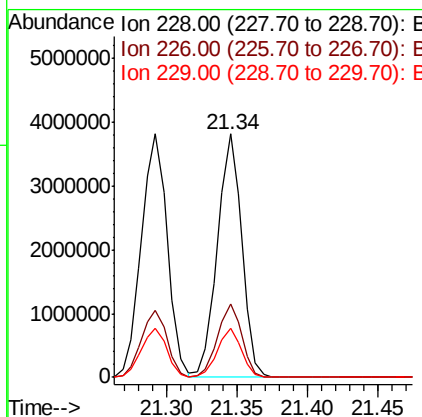
#83
Chrysene
Concen: 44.329 ng
RT: 21.34 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion:228 Resp: 4575273
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 19.9 16.0 24.0

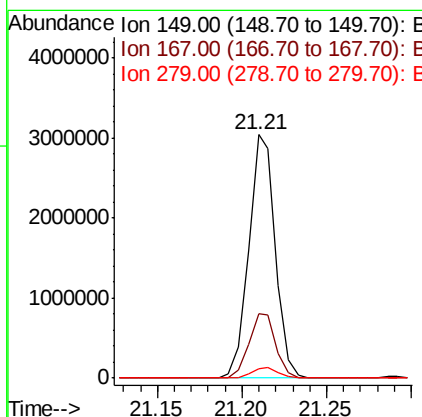
Manual Integrations
APPROVED

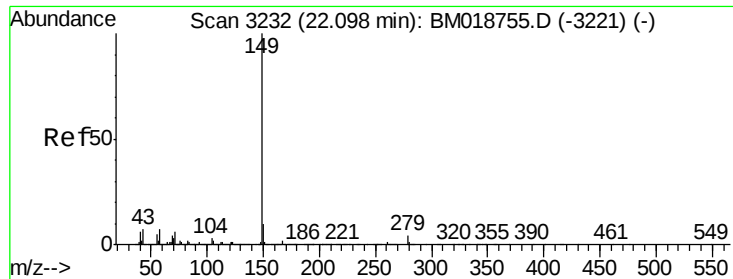
Sohil
2/13/2019 1:37:45 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.172 ng
RT: 21.21 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:149 Resp: 3304240
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 3.9 3.6 5.4





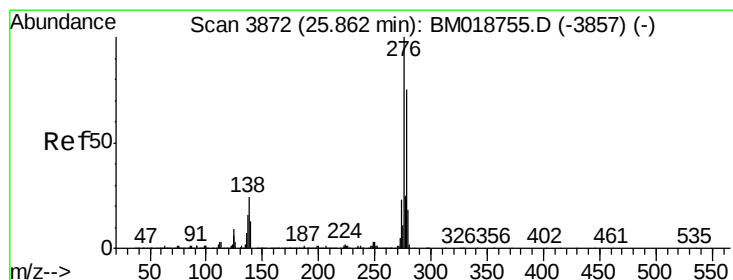
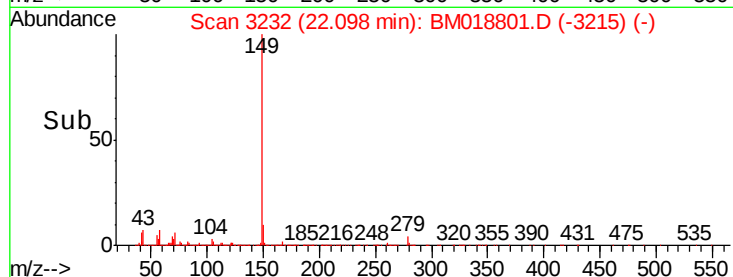
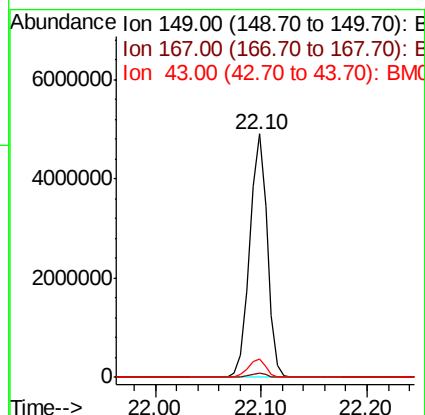
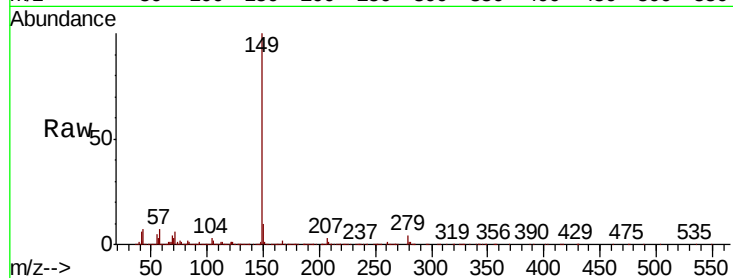
#85
Di-n-octyl phthalate
Concen: 46.985 ng
RT: 22.10 min Scan# 3232
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.0	9.0

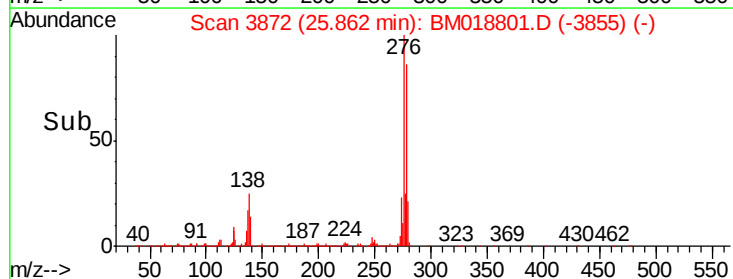
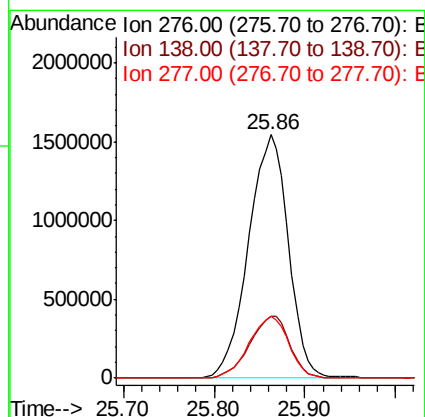
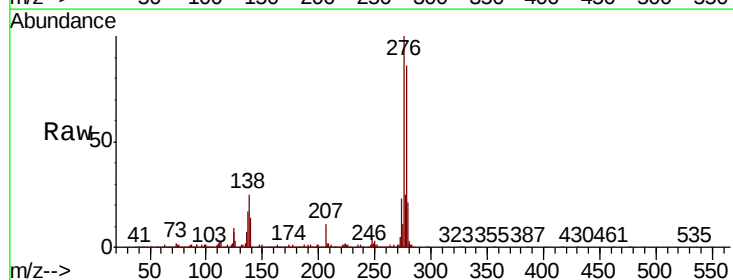
Manual Integrations
APPROVED

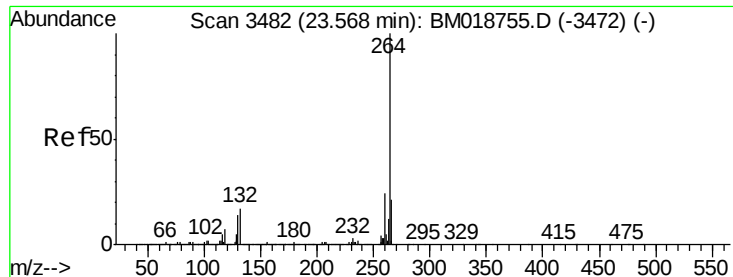
Sohil
2/13/2019 1:37:45 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.488 ng
RT: 25.86 min Scan# 3872
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.2	30.4
277	25.2	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

Instrument :

BNA_M

ClientSampleId :

PB117038BSD

Tot Ion:264 Resp: 1752659

Ion Ratio Lower Upper

264 100

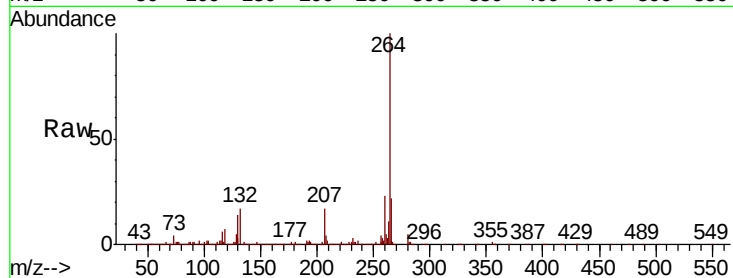
260 23.3 18.9 28.3

265 22.0 17.3 25.9

Manual Integrations
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Sohil

2/13/2019 1:37:45 PM

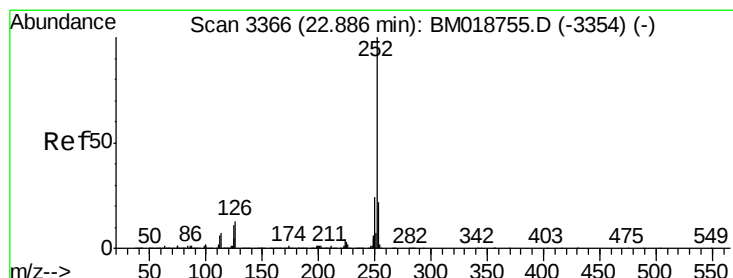
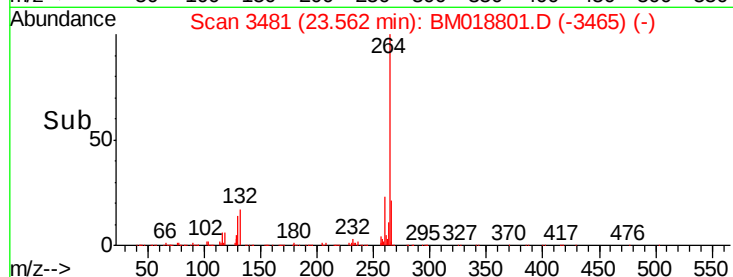
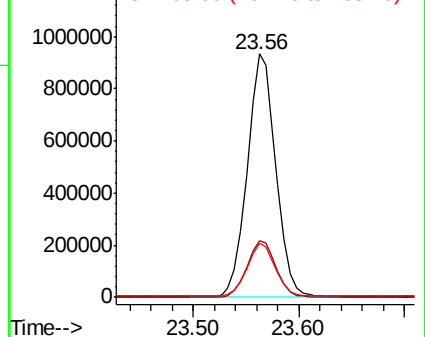


Abundance

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: 48.040 ng

RT: 22.89 min Scan# 3366

Delta R.T. 0.00 min

Lab File: BM018801.D

Acq: 13 Feb 2019 11:57

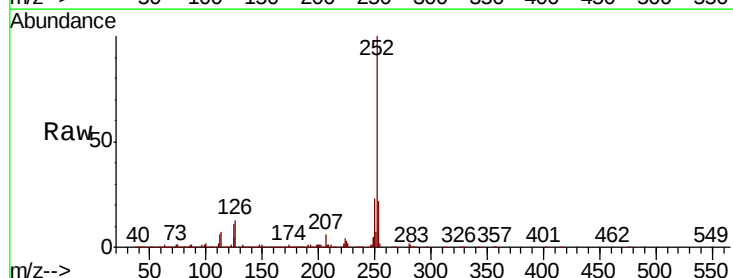
Tgt Ion:252 Resp: 4817244

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 10.6 8.6 12.8

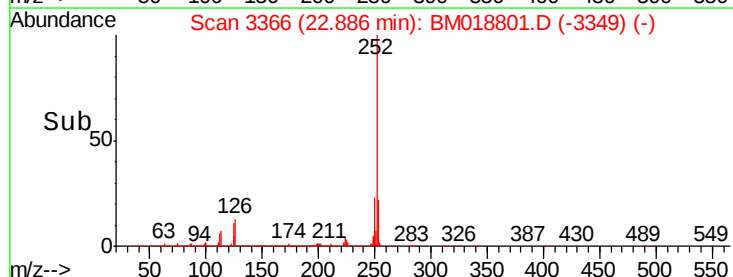
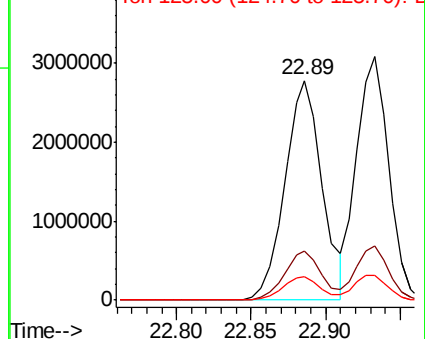


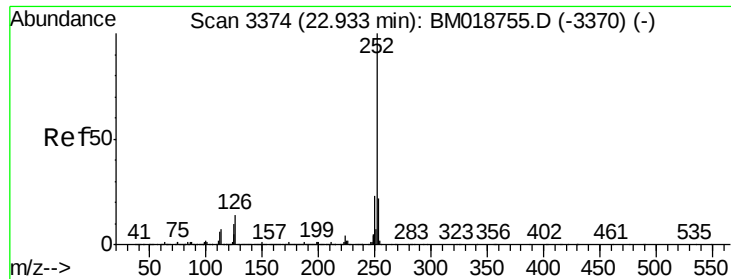
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





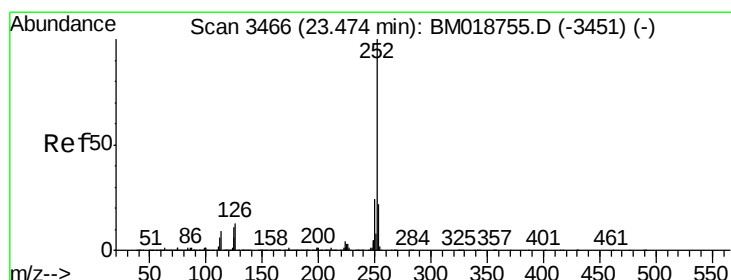
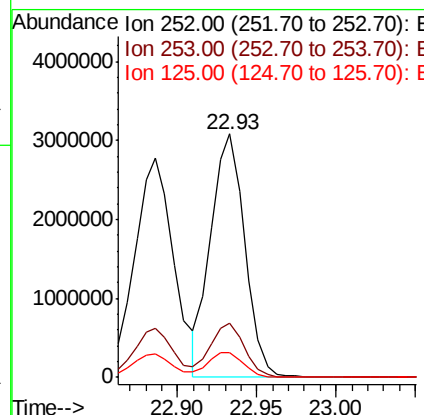
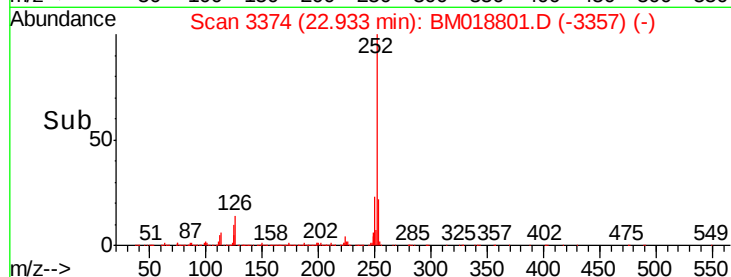
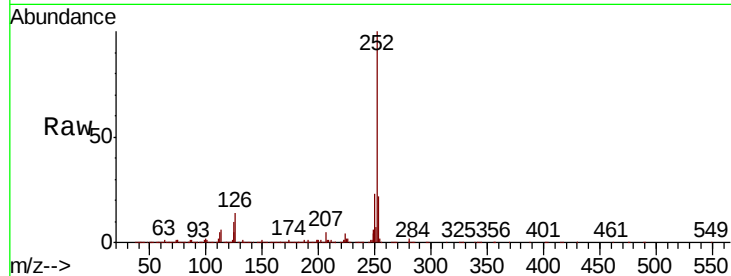
#89
Benzo(k)fluoranthene
Concen: 45.995 ng
RT: 22.93 min Scan# 3374
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	8.2	12.4

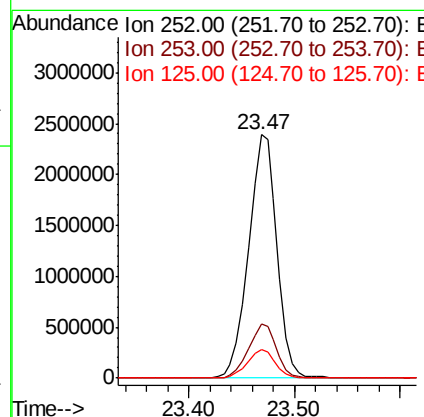
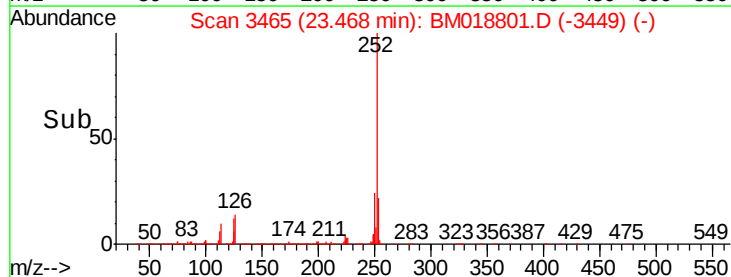
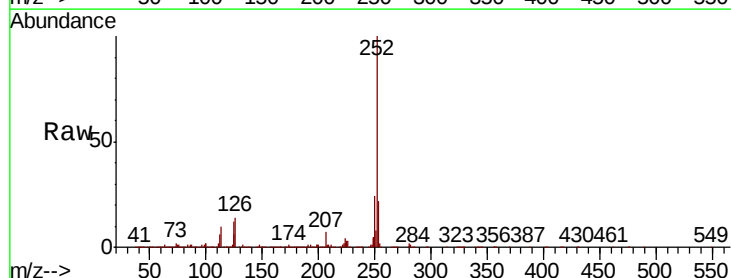
Manual Integrations
APPROVED

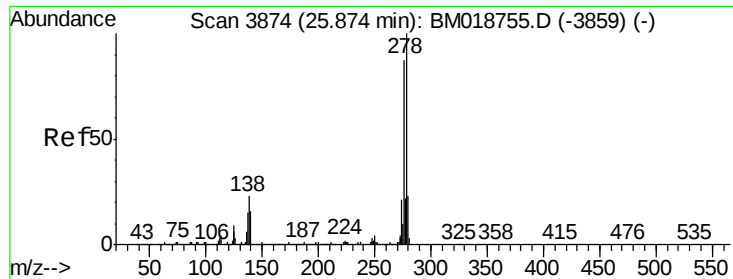
Sohil
2/13/2019 1:37:45 PM



#90
Benzo(a)pyrene
Concen: 46.765 ng
RT: 23.47 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.9	8.6	13.0





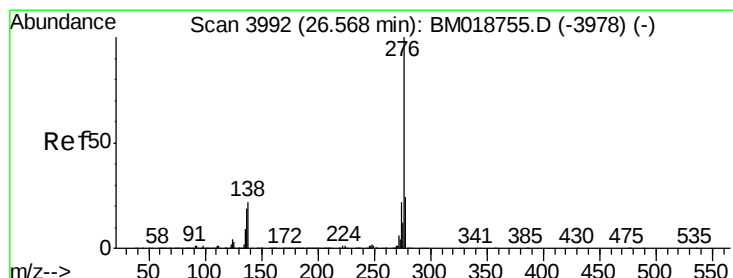
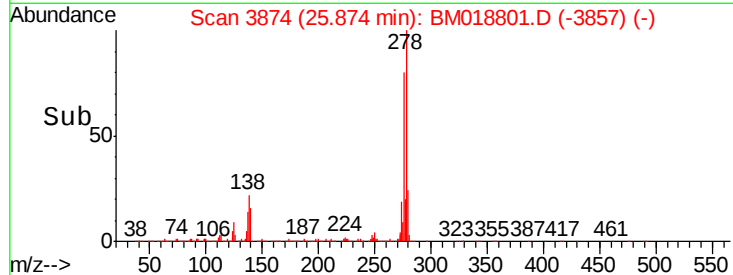
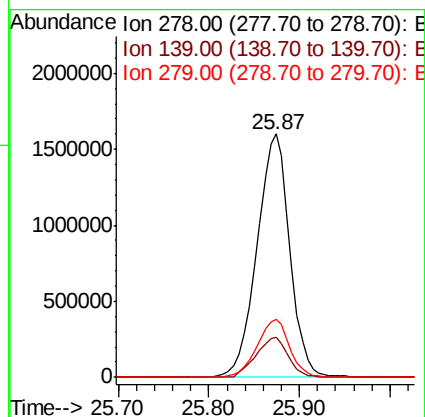
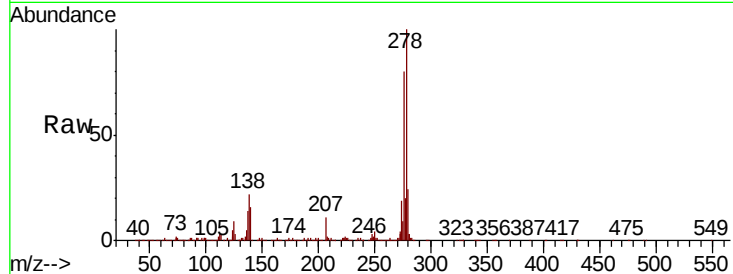
#91
Dibenzo(a,h)anthracene
Concen: 42.833 ng
RT: 25.87 min Scan# 3874
Delta R.T. 0.00 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Instrument :
BNA_M
ClientSampleId :
PB117038BSD

Tot Ion:278 Resp: 4031191
Ion Ratio Lower Upper
278 100
139 16.4 12.6 18.8
279 23.8 18.6 28.0

Manual Integrations
APPROVED

Sohil
2/13/2019 1:37:45 PM



#92
Benzo(g,h,i)perylene
Concen: 41.840 ng
RT: 26.56 min Scan# 3991
Delta R.T. -0.01 min
Lab File: BM018801.D
Acq: 13 Feb 2019 11:57

Tgt Ion:276 Resp: 3665943
Ion Ratio Lower Upper
276 100
277 24.0 19.2 28.8
138 22.0 17.3 25.9

