

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070918\
 Data File : BM015844.D
 Acq On : 09 Jul 2018 15:45
 Operator : SJ/JU
 Sample : PB110833BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:02 PM

Quant Time: Jul 10 02:07:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	78391	20.00	ng	-0.02
21) Naphthalene-d8	11.13	136	353778	20.00	ng	-0.02
38) Acenaphthene-d10	14.92	164	210126	20.00	ng	-0.01
63) Phenanthrene-d10	17.64	188	481080	20.00	ng	-0.01
75) Chrysene-d12	21.76	240	529048	20.00	ng	-0.01
86) Perylene-d12	24.16	264	521187	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	597795	130.78	ng	-0.01
7) Phenol-d6	7.45	99	798597	127.62	ng	-0.01
23) Nitrobenzene-d5	9.49	82	547695	75.54	ng	-0.02
41) 2,4,6-Tribromophenol	16.40	330	345060	125.68	ng	-0.01
44) 2-Fluorobiphenyl	13.54	172	1231287	72.75	ng	-0.02
78) Terphenyl-d14	20.21	244	2120075	74.33	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	51545	27.266	ng	# 100
3) Pyridine	4.00	79	128771	25.813	ng	# 74
4) n-Nitrosodimethylamine	3.91	42	128172	32.997	ng	# 41
6) Aniline	7.62	93	142032	18.721	ng	# 91
8) 2-Chlorophenol	7.86	128	219400	39.993	ng	95
9) Benzaldehyde	7.44	77	91106	23.099	ng	92
10) Phenol	7.48	94	258943	41.182	ng	93
11) bis(2-Chloroethyl)ether	7.72	93	177262	34.656	ng	87
12) 1,3-Dichlorobenzene	8.19	146	208571	34.291	ng	# 90
13) 1,4-Dichlorobenzene	8.33	146	214317	34.073	ng	94
14) 1,2-Dichlorobenzene	8.66	146	211216	34.722	ng	# 95
15) Benzyl Alcohol	8.55	79	199023	36.634	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.83	45	285274	51.068	ng	98
17) 2-Methylphenol	8.75	107	178172	40.900	ng	# 87
18) Hexachloroethane	9.39	117	88955	35.766	ng	97
19) n-Nitroso-di-n-propylamine	9.12	70	169411	33.686	ng	# 81
20) 3+4-Methylphenols	9.08	107	239239	39.537	ng	90
22) Acetophenone	9.15	105	315987	34.287	ng	# 87
24) Nitrobenzene	9.53	77	261860	37.100	ng	99
25) Isophorone	10.05	82	429178	38.780	ng	# 95
26) 2-Nitrophenol	10.25	139	110542	36.371	ng	# 60
27) 2,4-Dimethylphenol	10.29	122	212768	46.082	ng	# 85
28) bis(2-Chloroethoxy)methane	10.53	93	263072	36.486	ng	98
29) 2,4-Dichlorophenol	10.77	162	211404	41.341	ng	97
30) 1,2,4-Trichlorobenzene	10.99	180	212043	35.701	ng	96
31) Naphthalene	11.18	128	661610	36.071	ng	100
32) Benzoic acid	10.45	122	131533m	32.177	ng	
33) 4-Chloroaniline	11.30	127	123760	16.549	ng	# 88
34) Hexachlorobutadiene	11.43	225	137982	34.810	ng	98
35) Caprolactam	12.10	113	62571m	36.896	ng	
36) 4-Chloro-3-methylphenol	12.40	107	237485	40.475	ng	86
37) 2-Methylnaphthalene	12.77	142	504172	38.640	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.13	216	242441	35.949	ng	# 100
40) Hexachlorocyclopentadiene	13.09	237	233779	74.920	ng	98

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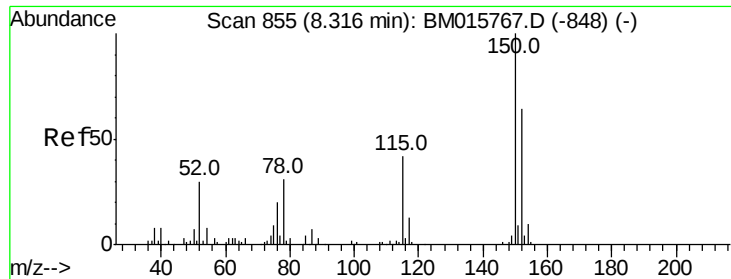
Manual Integrations
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 7/10/2018 2:50:02 PM

Quant Time: Jul 10 02:07:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
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 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	162560	38.132	ng	99
43) 2,4,5-Trichlorophenol	13.44	196	171863	37.320	ng	# 82
45) 1,1'-Biphenyl	13.76	154	648311	35.685	ng	99
46) 2-Chloronaphthalene	13.81	162	498183	36.676	ng	# 91
47) 2-Nitroaniline	14.02	65	177778	37.531	ng	# 79
48) Acenaphthylene	14.65	152	811419	36.721	ng	99
49) Dimethylphthalate	14.37	163	656372	35.419	ng	100
50) 2,6-Dinitrotoluene	14.51	165	136127	37.674	ng	# 70
51) Acenaphthene	14.99	154	477553	34.731	ng	98
52) 3-Nitroaniline	14.84	138	81076	20.500	ng	# 77
53) 2,4-Dinitrophenol	15.06	184	124793	69.977	ng	# 84
54) Dibenzofuran	15.32	168	778037	36.722	ng	# 85
55) 4-Nitrophenol	15.14	139	232591	79.687	ng	# 73
56) 2,4-Dinitrotoluene	15.29	165	200342	38.405	ng	98
57) Fluorene	15.96	166	639621	36.608	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.54	232	154304	39.707	ng	# 100
59) Diethylphthalate	15.72	149	717360	36.123	ng	95
60) 4-Chlorophenyl-phenylether	15.94	204	312341	34.741	ng	# 88
61) 4-Nitroaniline	16.00	138	150321	36.639	ng	# 35
62) Azobenzene	16.24	77	756344	40.630	ng	81
64) 4,6-Dinitro-2-methylphenol	16.06	198	94571	32.336	ng	87
65) n-Nitrosodiphenylamine	16.16	169	553959	33.605	ng	98
66) 4-Bromophenyl-phenylether	16.83	248	190213	35.412	ng	# 82
67) Hexachlorobenzene	16.96	284	208464	34.731	ng	# 78
68) Atrazine	17.09	200	207614	38.290	ng	97
69) Pentachlorophenol	17.30	266	235610	63.438	ng	98
70) Phenanthrene	17.69	178	999981	36.333	ng	99
71) Anthracene	17.78	178	1012922	37.476	ng	99
72) Carbazole	18.05	167	934454	37.100	ng	98
73) Di-n-butylphthalate	18.57	149	1229432	36.215	ng	# 98
74) Fluoranthene	19.67	202	1157833	36.593	ng	98
76) Benzidine	19.84	184	356934	23.027	ng	97
77) Pyrene	20.03	202	1184598	35.945	ng	99
79) Butylbenzylphthalate	20.87	149	588769	36.959	ng	# 82
80) Benzo(a)anthracene	21.74	228	1243213	37.063	ng	99
81) 3,3'-Dichlorobenzidine	21.66	252	219383	18.203	ng	99
82) Chrysene	21.79	228	1147015	36.708	ng	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	862482	36.642	ng	95
84) Di-n-octyl phthalate	22.54	149	1497975	39.030	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.63	276	1329879	45.809	ng	# 93
87) Benzo(b)fluoranthene	23.43	252	1227738	35.283	ng	# 95
88) Benzo(k)fluoranthene	23.47	252	1170320	34.623	ng	98
89) Benzo(a)pyrene	24.05	252	1152938	37.640	ng	99
90) Dibenzo(a,h)anthracene	26.63	278	1138118	41.297	ng	97
91) Benzo(g,h,i)perylene	27.39	276	1037371	42.841	ng	# 94

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



#1

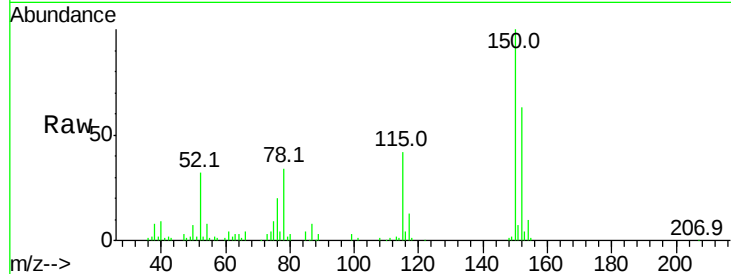
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 852
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampled :
PB110833BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	119.5	179.3
115	67.5	43.0	64.4

Manual Integrations
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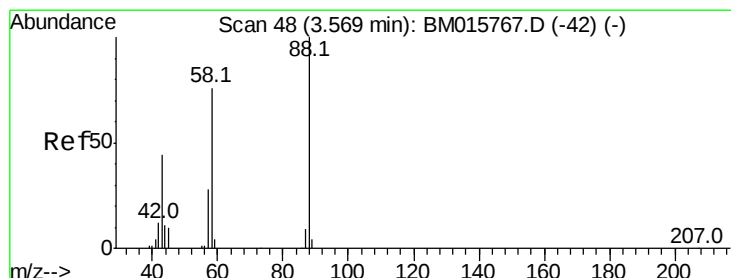
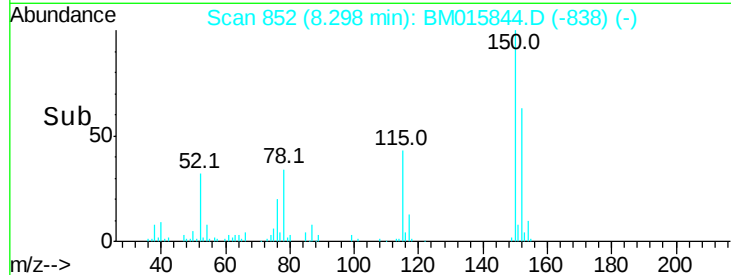
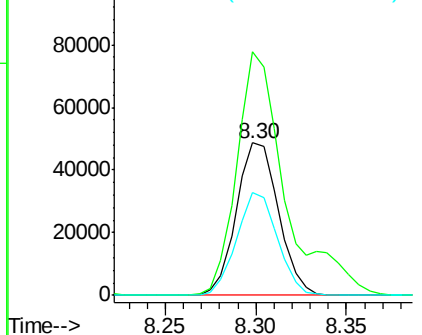


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

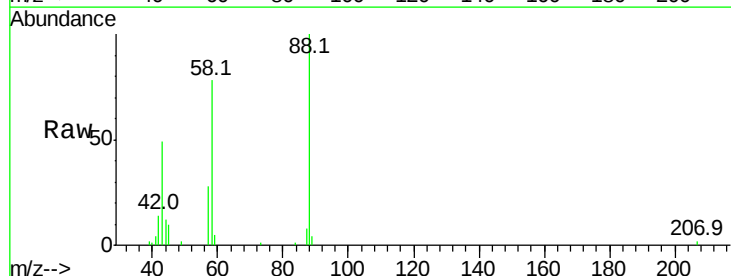
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.266 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	0.0	0.0
43	43.4	0.0	0.0

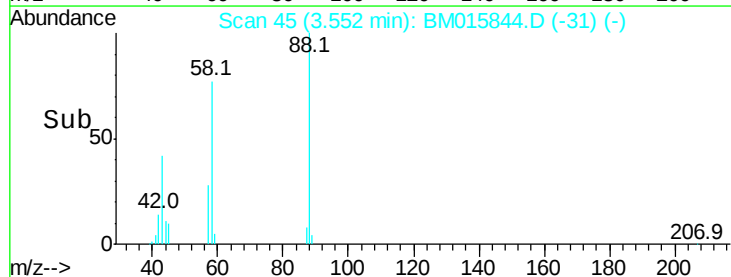
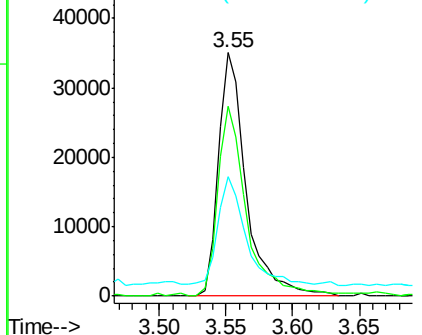


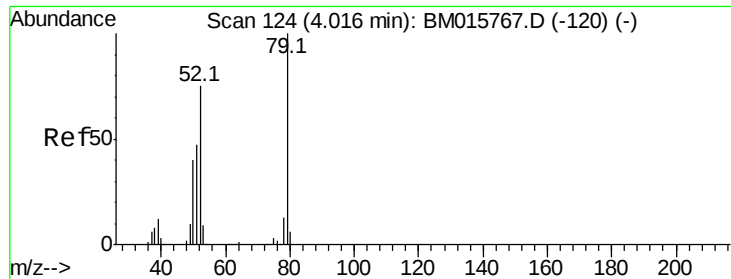
Abundance

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: 25.813 ng

RT: 4.00 min Scan# 121

Delta R.T. -0.02 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

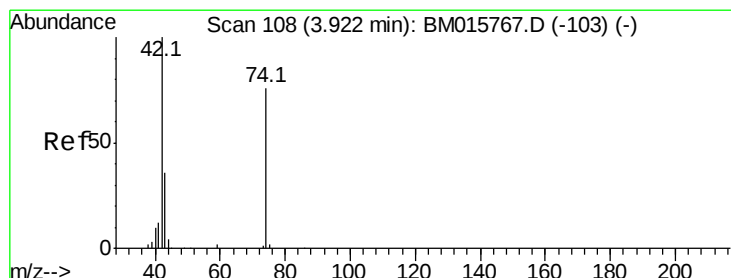
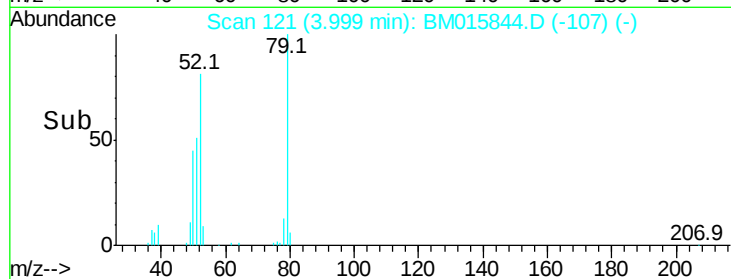
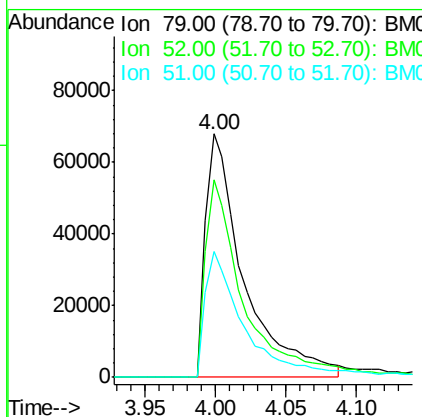
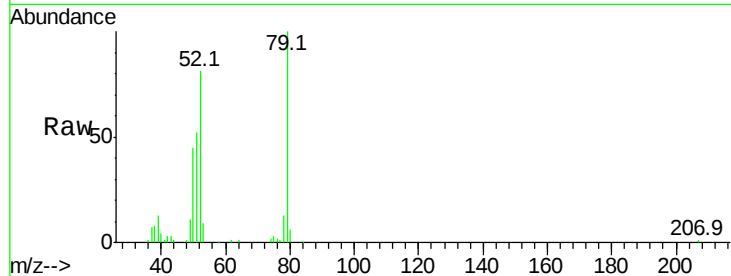
ClientSampleId :

PB110833BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.3	51.1	76.7#
51	51.7	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 32.997 ng

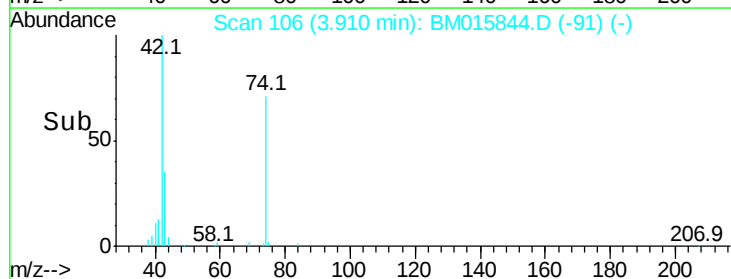
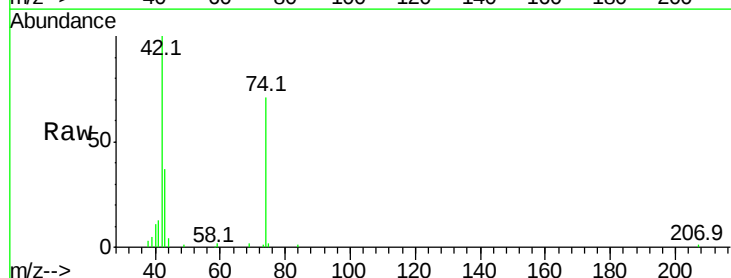
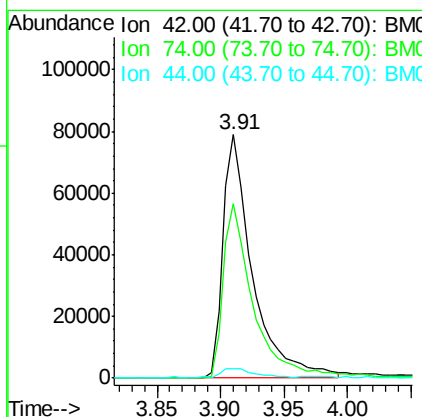
RT: 3.91 min Scan# 106

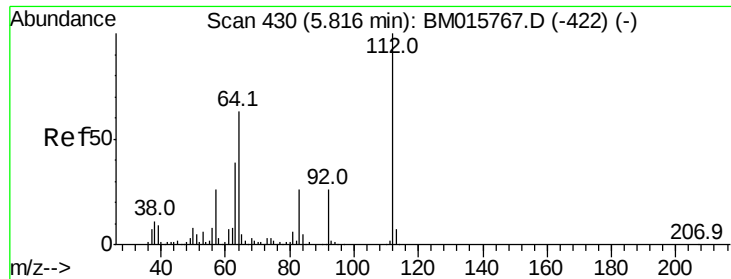
Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
42	100		
74	71.5	119.3	178.9#
44	4.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 32.997 ng

RT: 5.80 min Scan# 428

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

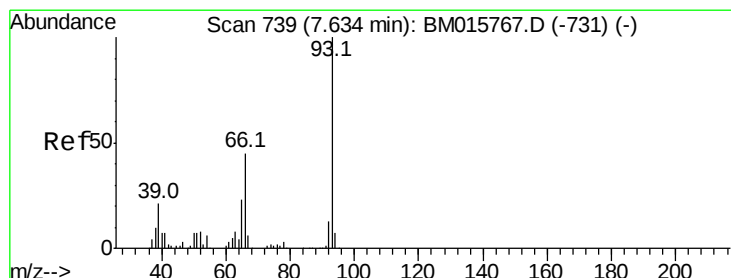
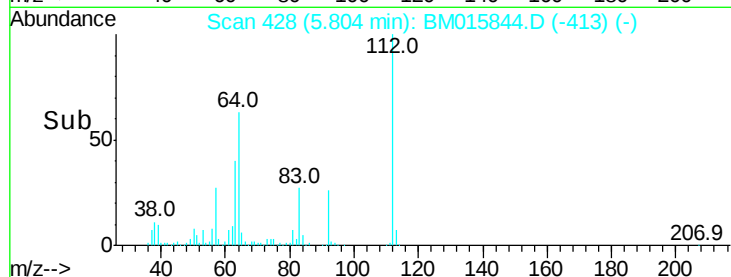
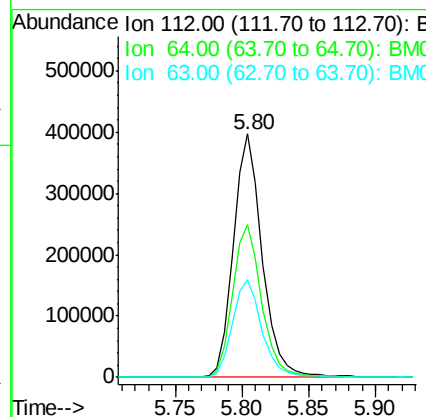
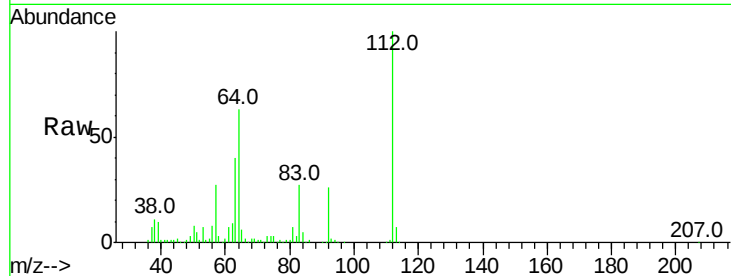
ClientSampled :

PB110833BS

Tot Ion:	112	Resp:	597795
Ion Ratio	Lower	Upper	
112	100		
64	63.0	38.6	57.8#
63	40.1	19.3	28.9#

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#6

Aniline

Concen: 18.721 ng

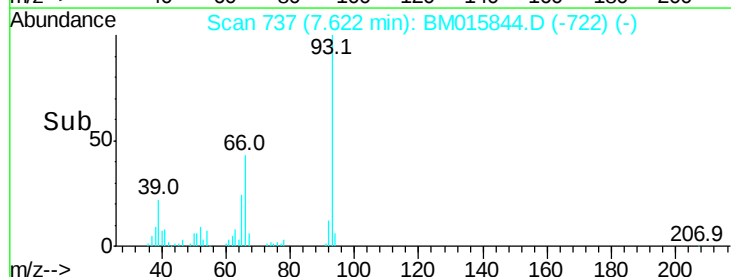
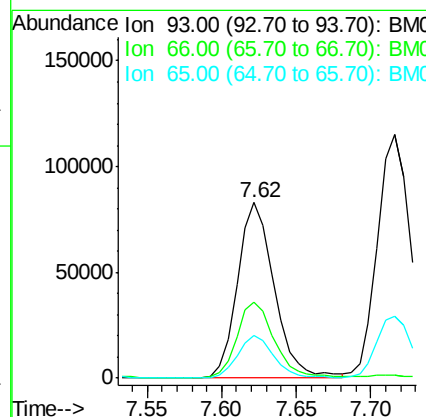
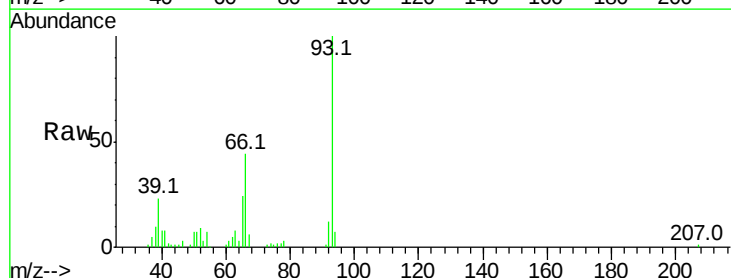
RT: 7.62 min Scan# 737

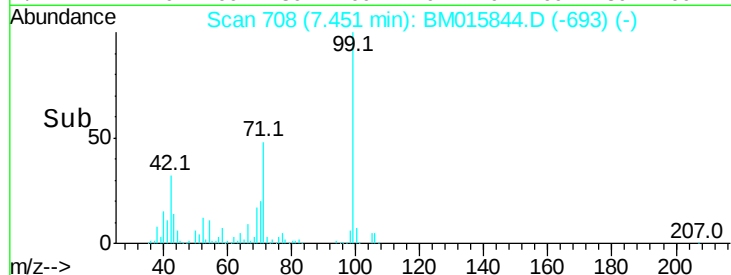
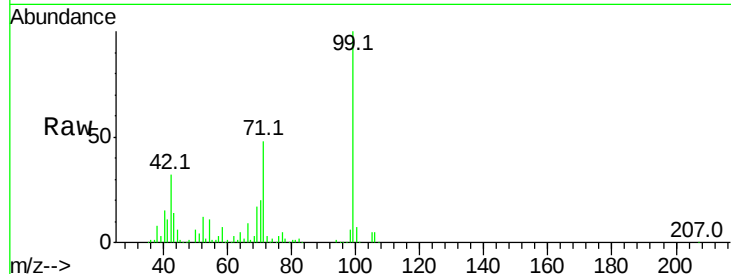
Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion:	93	Resp:	142032
Ion Ratio	Lower	Upper	
93	100		
66	43.5	30.8	46.2
65	24.4	16.0	24.0#





#7

Phenol-d6

Concen: 18.721 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tot Ion	99	Ratio	100	Resp	Lower	Upper
99	100			798597		
42	31.9			11.0	16.4#	
71	47.9			23.4	35.2#	

Instrument :

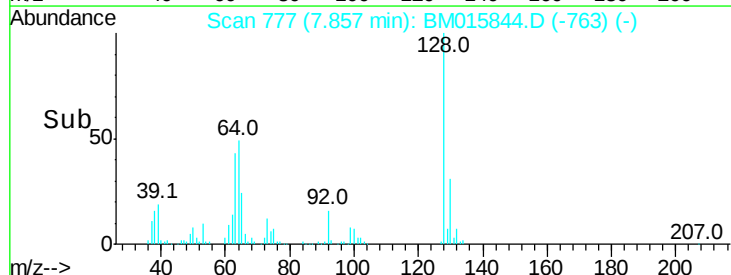
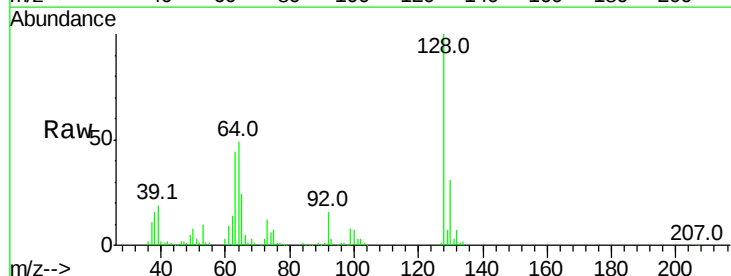
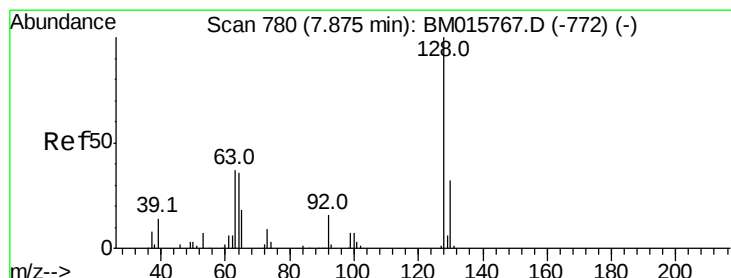
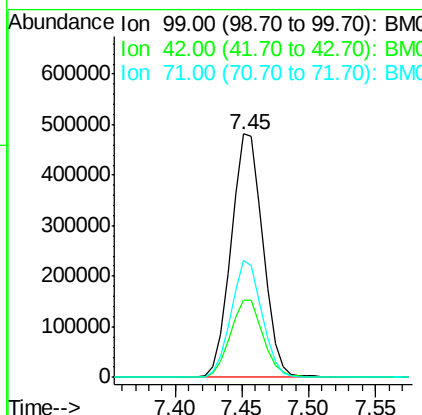
BNA_M

ClientSampleId :

PB110833BS

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#8

2-Chlorophenol

Concen: 39.993 ng

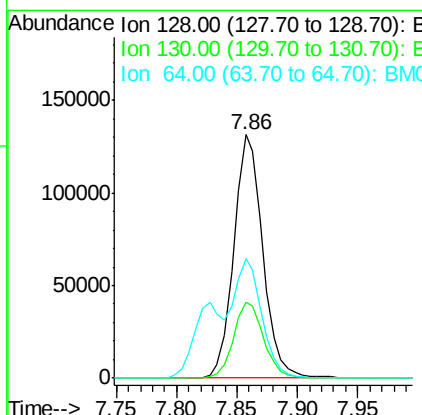
RT: 7.86 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion	128	Ratio	100	Resp	Lower	Upper
128	100			219400		
130	31.1			12.0	52.0	
64	49.2			24.9	64.9	





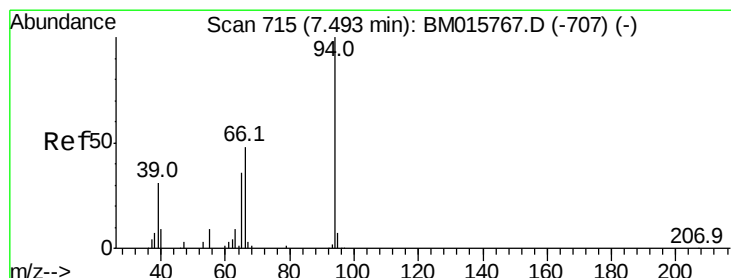
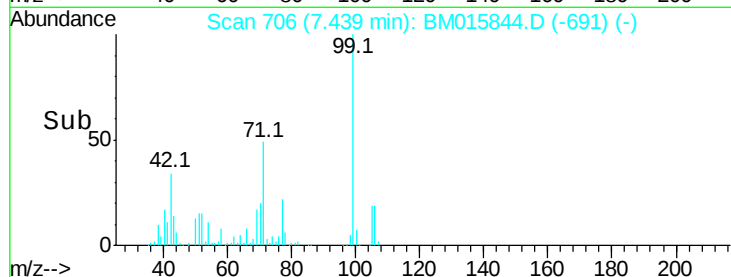
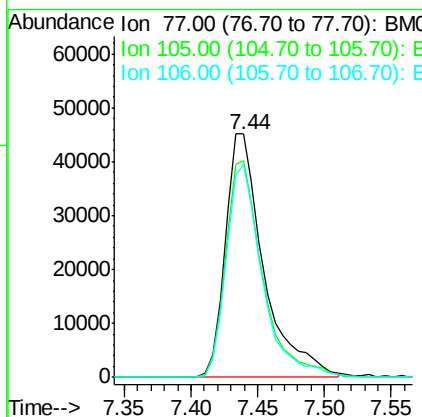
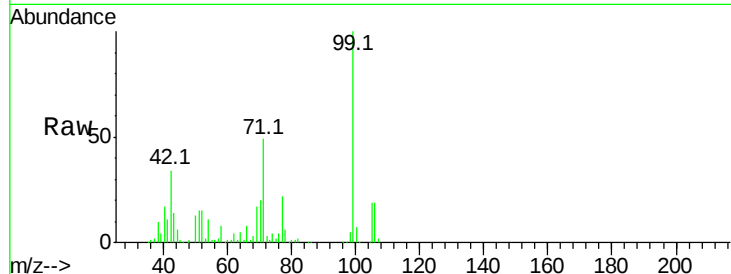
#9
Benzaldehyde
Concen: 23.099 ng
RT: 7.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	88.8	78.8	118.8		
106	87.5	73.7	113.7		

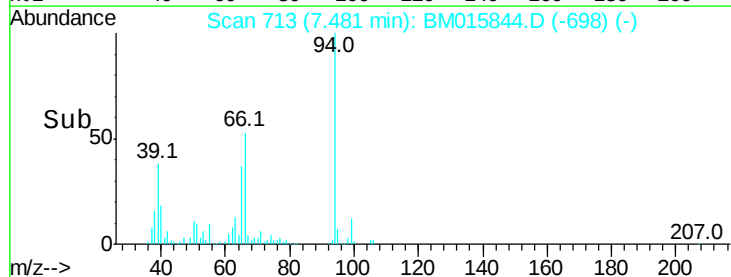
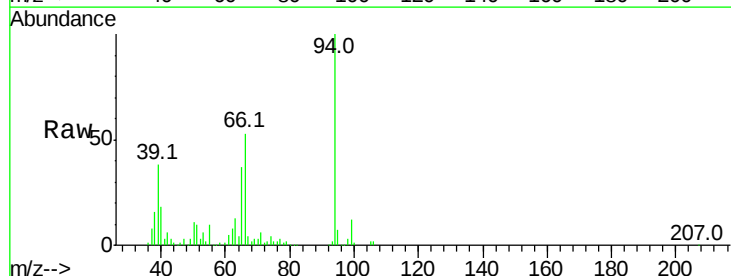
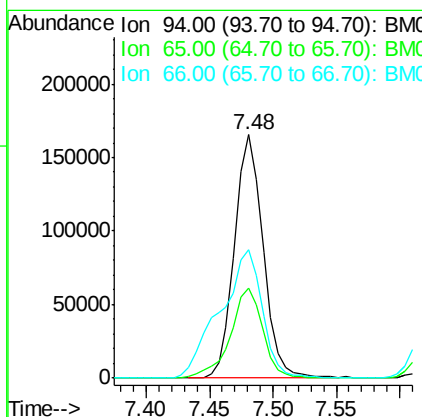
Manual Integrations
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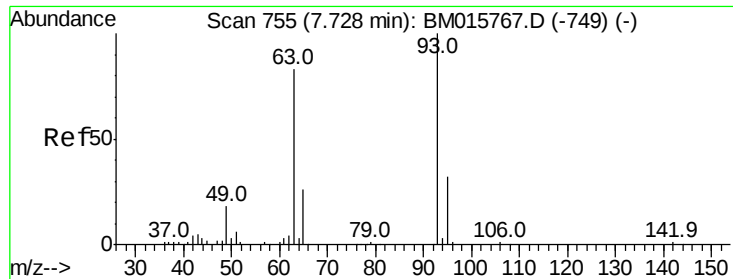
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#10
Phenol
Concen: 41.182 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.01 min
Lab File: BM015844.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	36.8	18.8	58.8		
66	52.6	39.9	79.9		





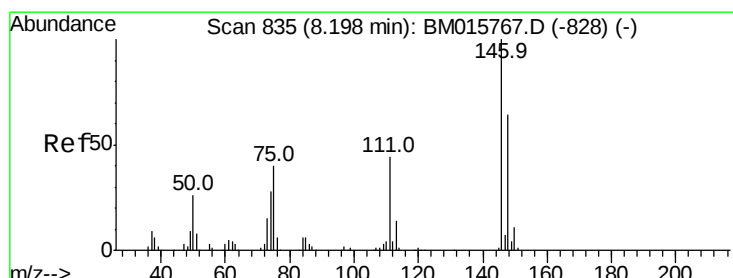
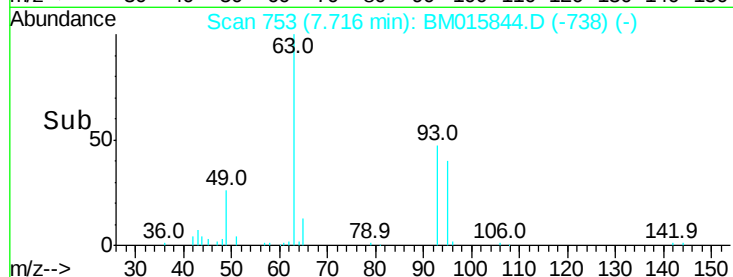
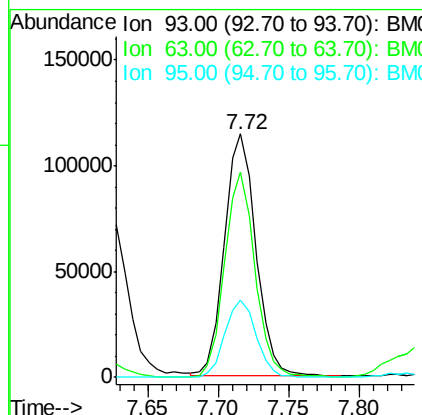
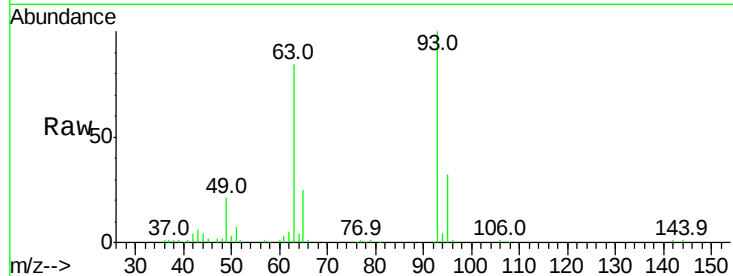
#11
 bis(2-Chloroethyl)ether
 Concen: 34.656 ng
 RT: 7.72 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion:	93	Resp:	177262
Ion Ratio	Lower	Upper	
93	100		
63	84.2	49.5	89.5
95	31.8	13.5	53.5

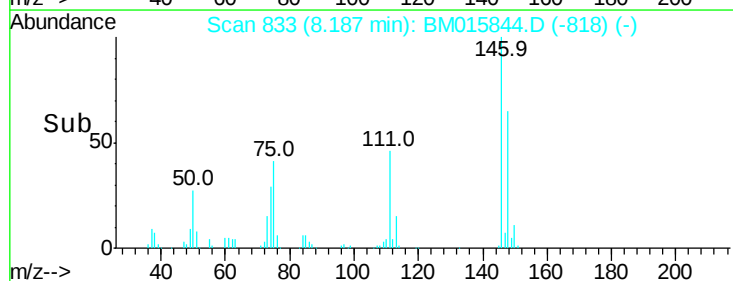
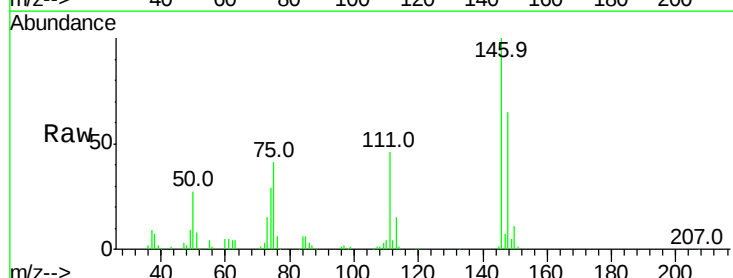
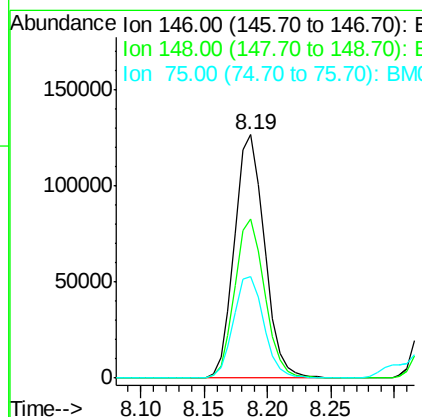
Manual Integrations
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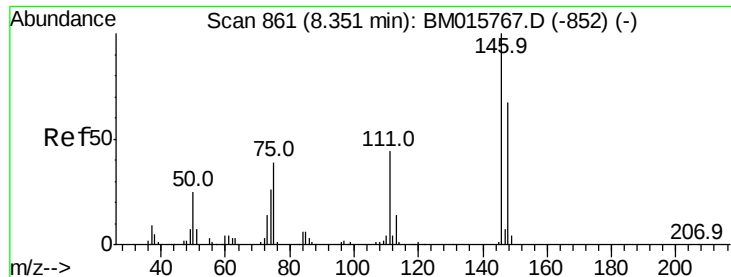
Sohil
 7/10/2018 2:50:02 PM



#12
 1,3-Dichlorobenzene
 Concen: 34.291 ng
 RT: 8.19 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion:	146	Resp:	208571
Ion Ratio	Lower	Upper	
146	100		
148	65.2	50.9	76.3
75	41.5	21.4	32.2#





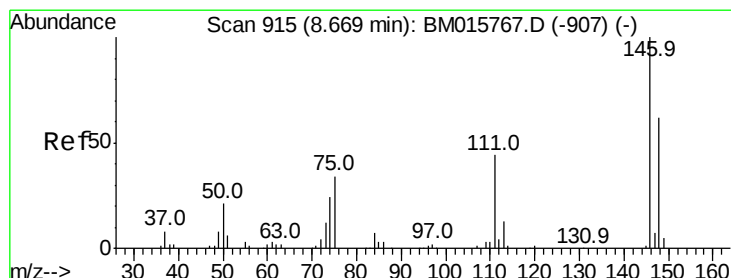
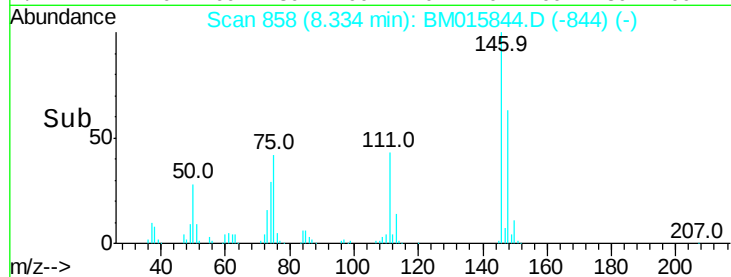
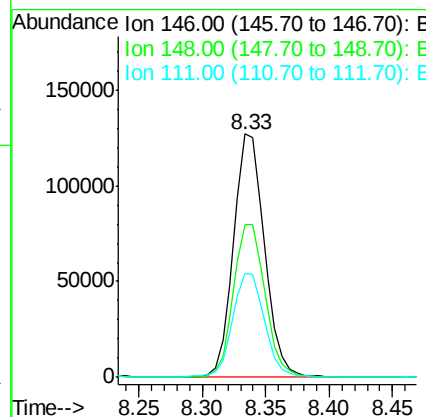
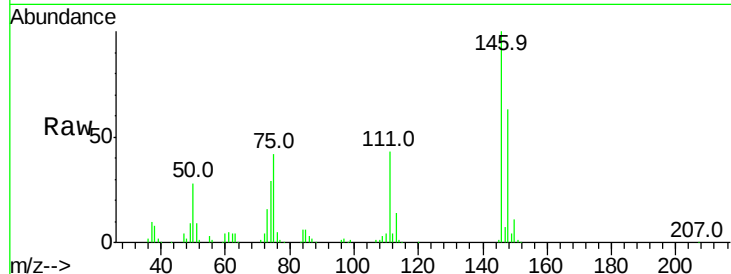
#13
1,4-Dichlorobenzene
Concen: 34.073 ng
RT: 8.33 min Scan# 858
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	214317		
148	62.8	51.9	77.9	
111	43.0	29.2	43.8	

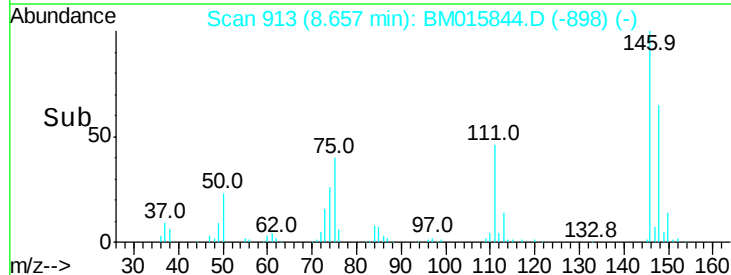
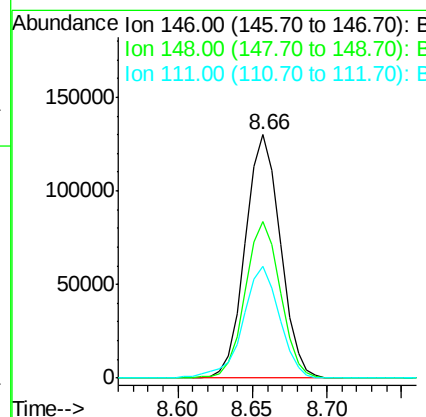
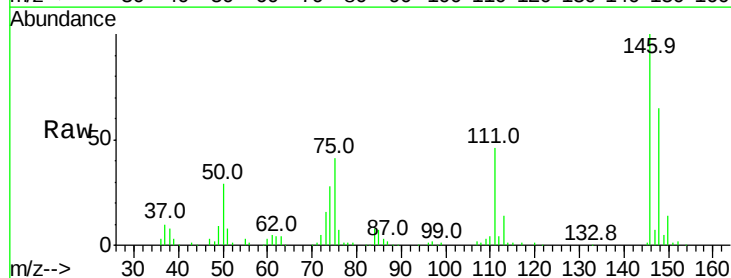
Manual Integrations
APPROVED

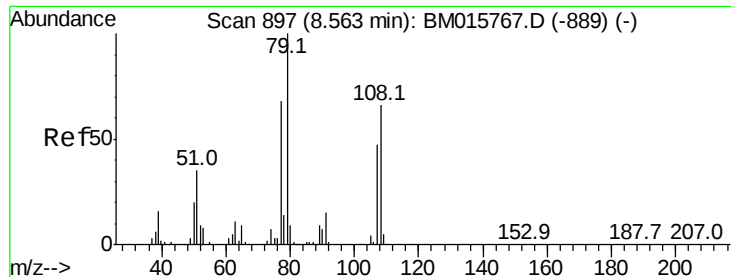
Sohil
7/10/2018 2:50:02 PM



#14
1,2-Dichlorobenzene
Concen: 34.722 ng
RT: 8.66 min Scan# 913
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	211216		
148	64.5	52.3	78.5	
111	46.0	30.6	45.8	





#15

Benzyl Alcohol

Concen: 36.634 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

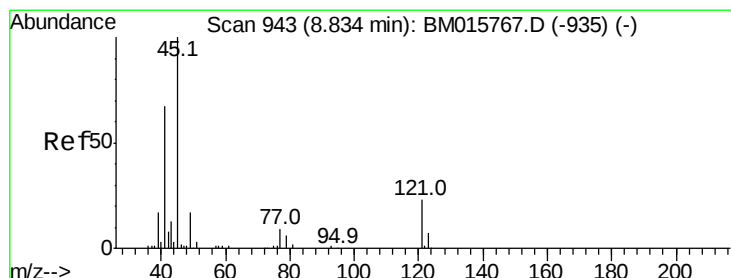
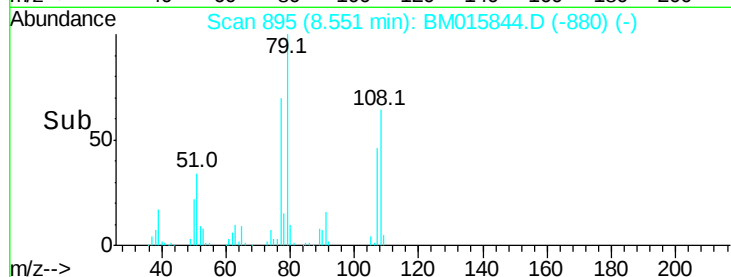
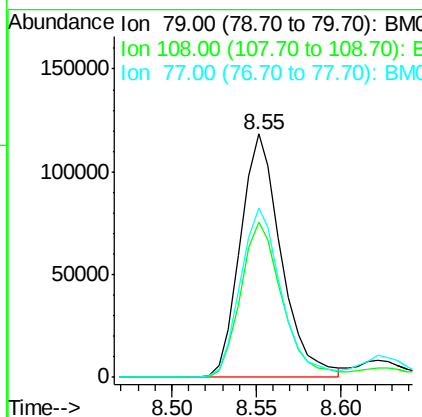
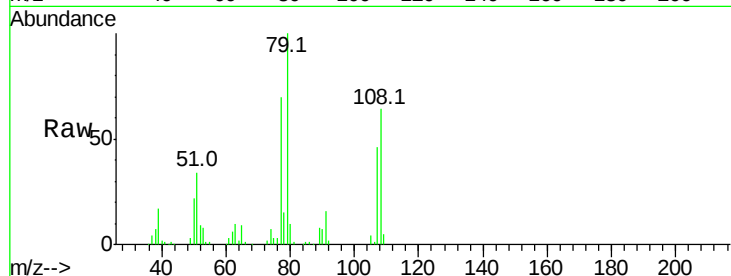
ClientSampleId :

PB110833BS

Tot Ion:	79	Resp:	199023
Ion Ratio	Lower	Upper	
79	100		
108	63.6	65.0	97.4#
77	69.8	53.0	79.6

Manual Integrations
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7/10/2018 2:50:02 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.068 ng

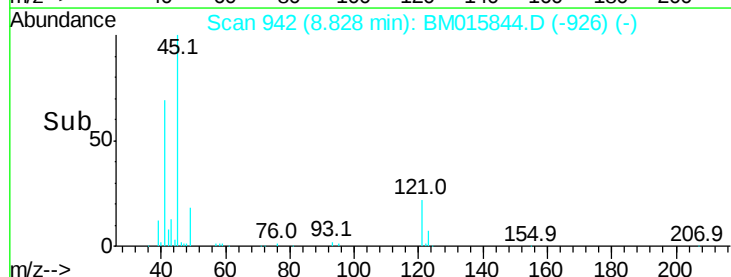
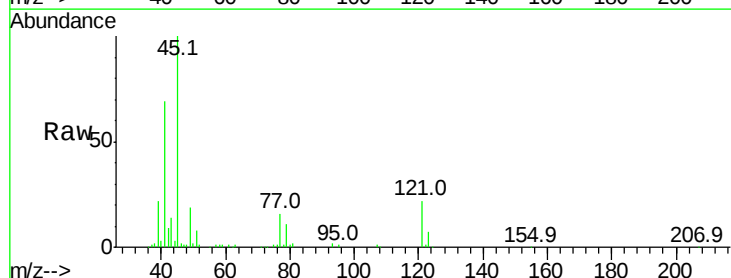
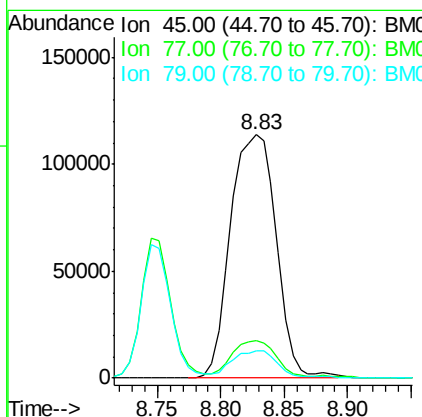
RT: 8.83 min Scan# 942

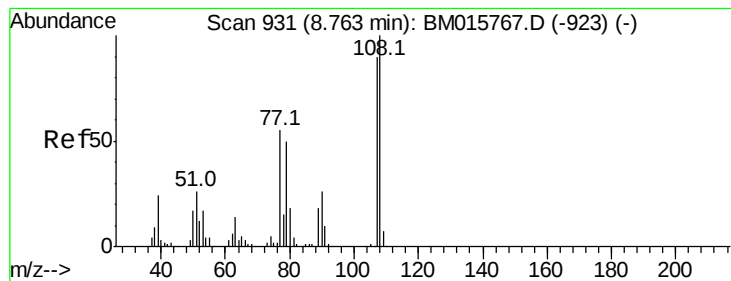
Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion:	45	Resp:	285274
Ion Ratio	Lower	Upper	
45	100		
77	15.6	0.0	35.2
79	11.1	0.0	32.0





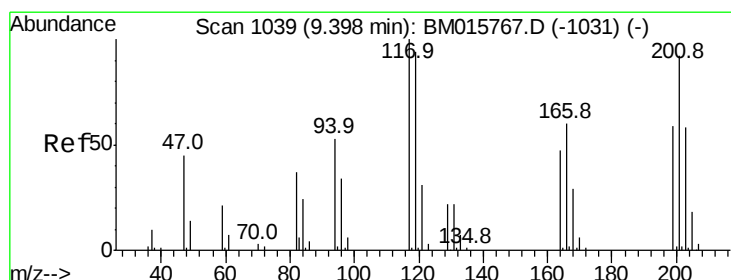
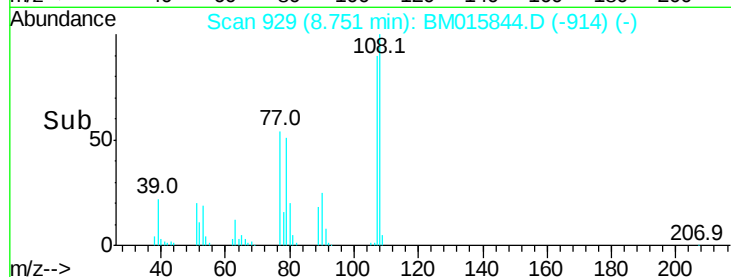
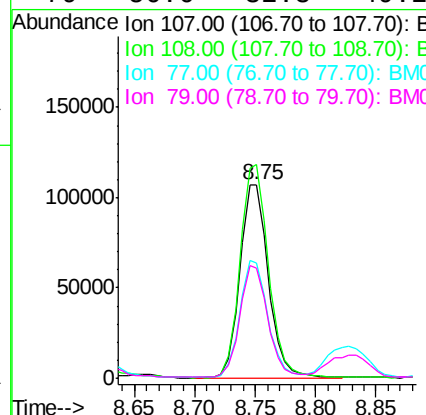
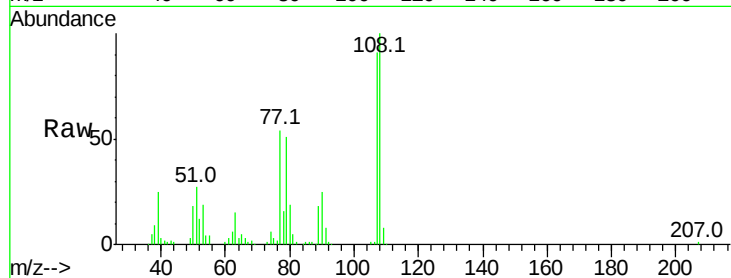
#17
2-Methylphenol
Concen: 40.900 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleID :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	178172		
108	110.3	89.8	134.8	
77	59.9	32.6	48.8#	
79	56.6	32.8	49.2#	

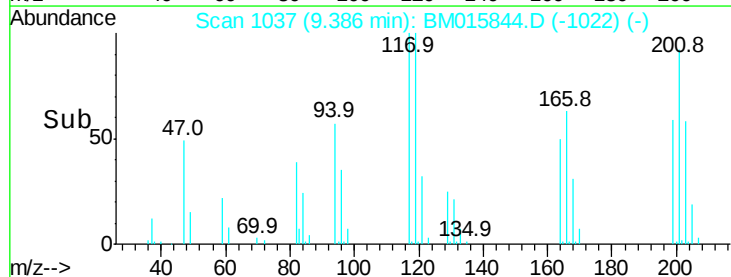
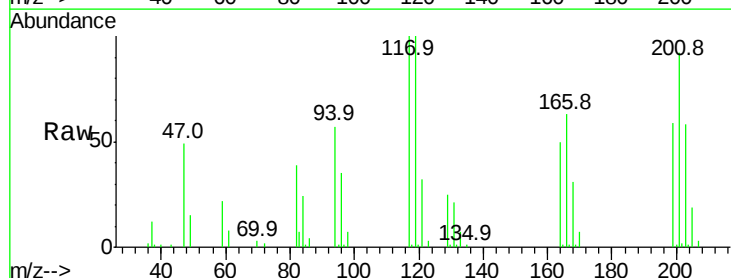
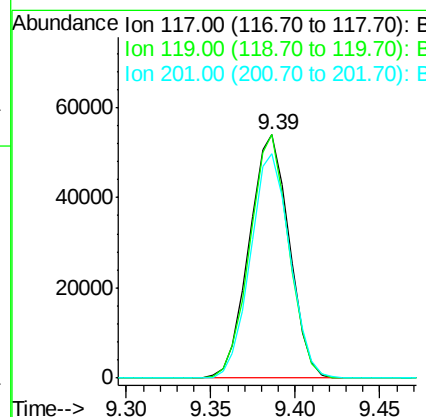
Manual Integrations
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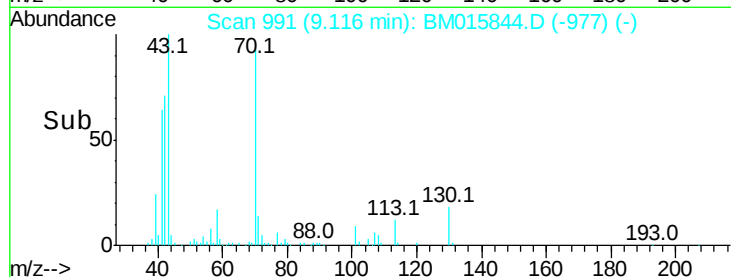
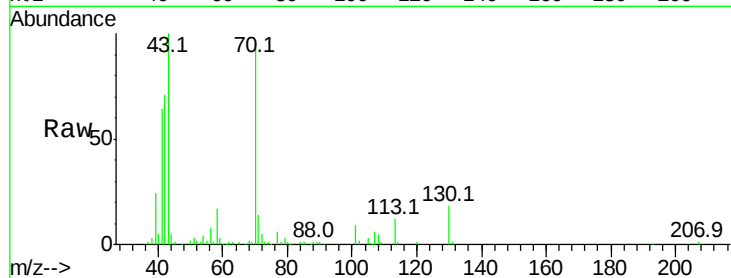
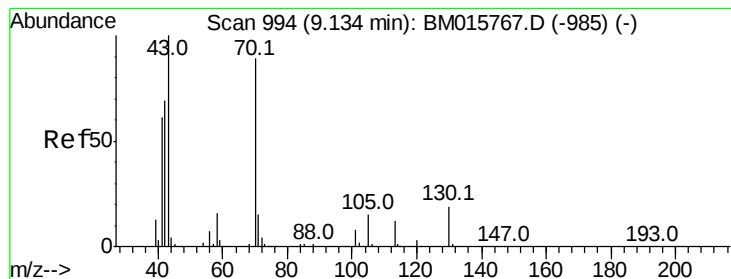
Sohil
7/10/2018 2:50:02 PM



#18
Hexachloroethane
Concen: 35.766 ng
RT: 9.39 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	88955		
119	99.9	79.2	118.8	
201	92.2	69.8	104.6	





#19

n-Nitroso-di-n-propylamine

Concen: 33.686 ng

RT: 9.12 min Scan# 991

Delta R.T. -0.02 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		169411		
42	76.1	44.5	66.7#		
101	9.6	7.4	11.2		
130	19.2	15.3	22.9		

Instrument :

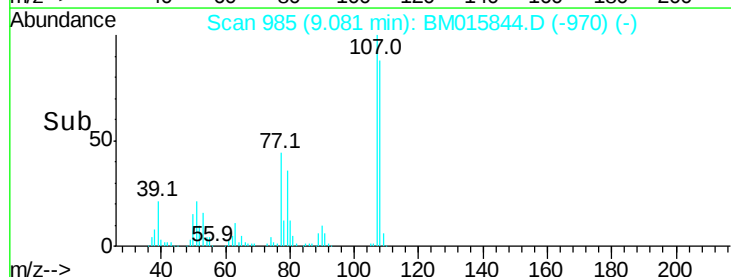
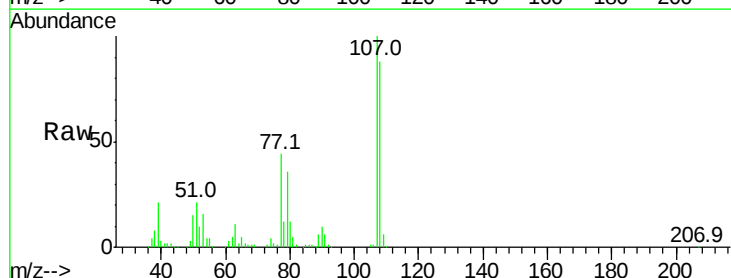
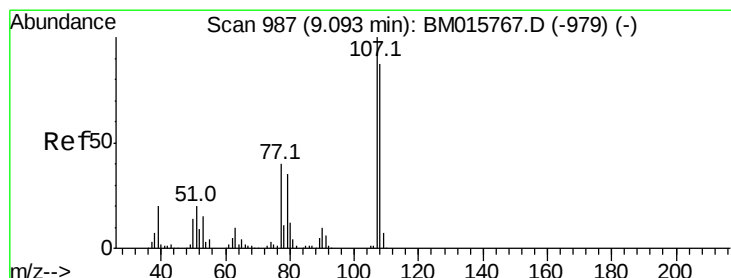
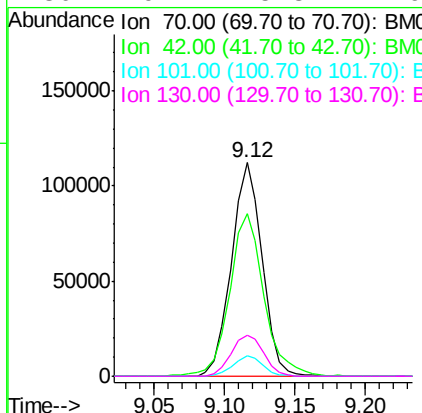
BNA_M

ClientSampleId :

PB110833BS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 39.537 ng

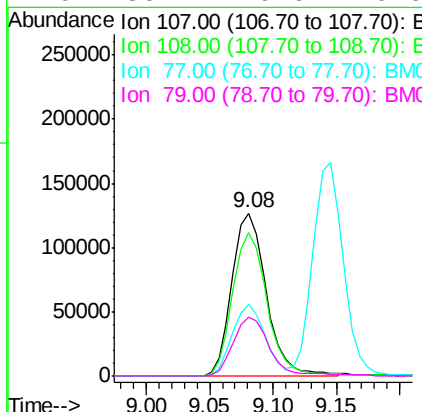
RT: 9.08 min Scan# 985

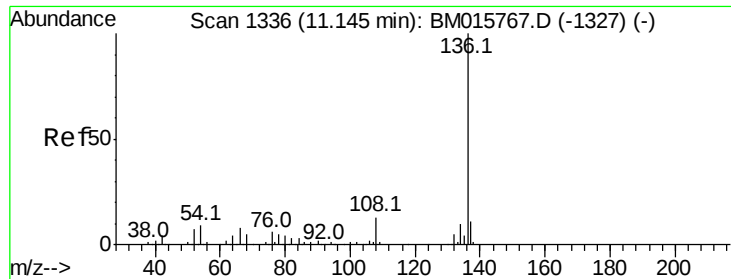
Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		239239		
108	87.9	73.2	113.2		
77	43.8	10.7	50.7		
79	36.1	9.6	49.6		





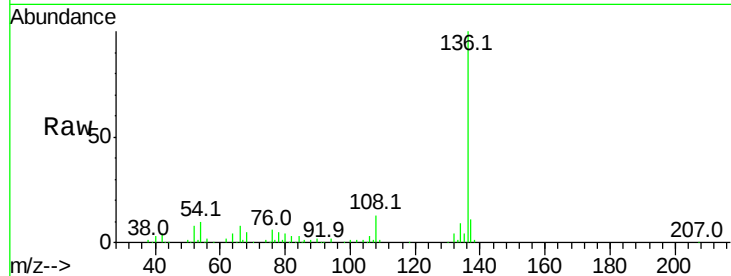
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	9.7	4.6	6.8#	
68	4.8	3.7	5.5	

Manual Integrations
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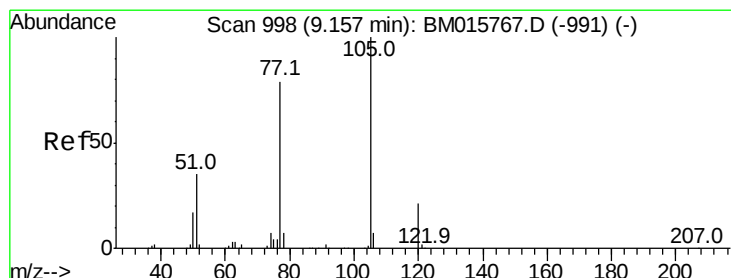
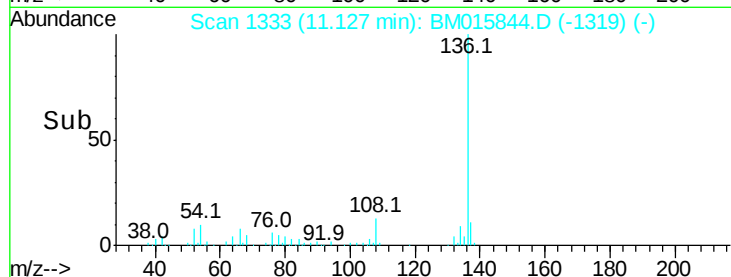
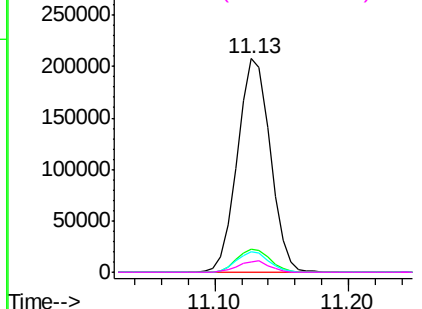
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BMC

Ion 68.00 (67.70 to 68.70): BMC



#22
Acetophenone
Concen: 34.287 ng
RT: 9.15 min Scan# 996
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.3	0.6	1.0#	
51	37.9	21.6	32.4#	
120	21.4	16.1	24.1	

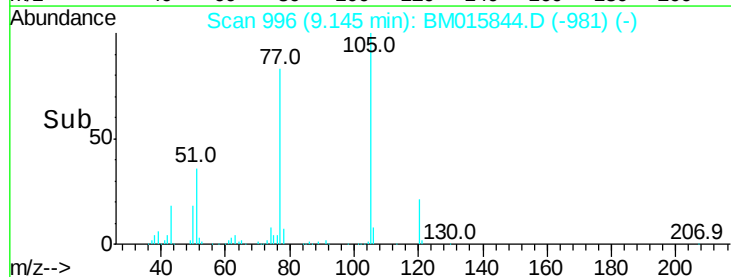
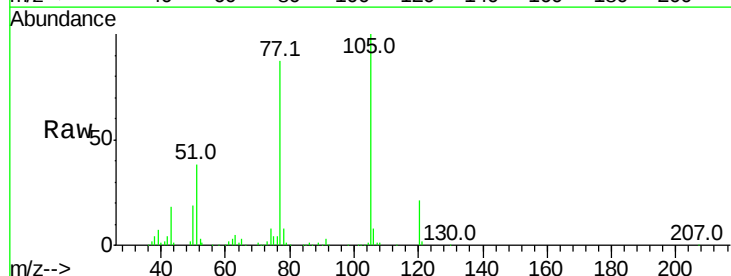
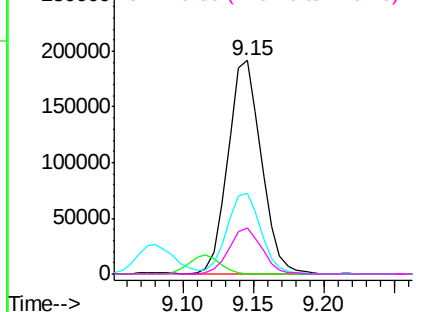
Abundance

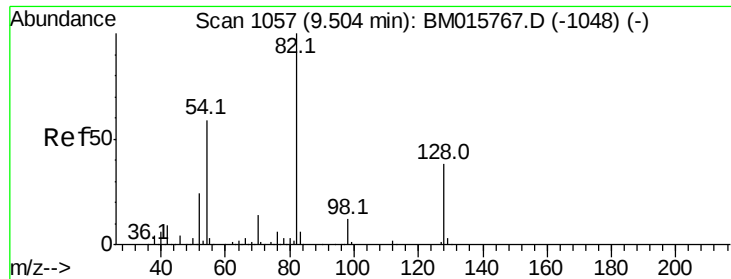
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BMC

Ion 51.00 (50.70 to 51.70): BMC

Ion 120.00 (119.70 to 120.70): E





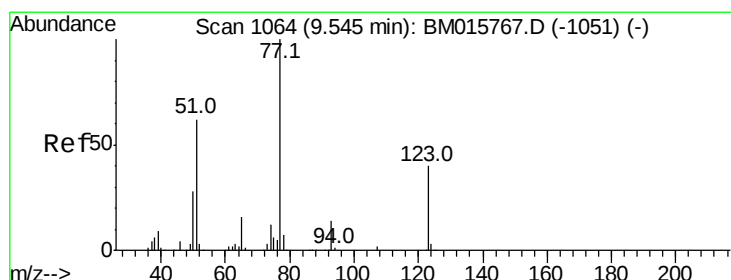
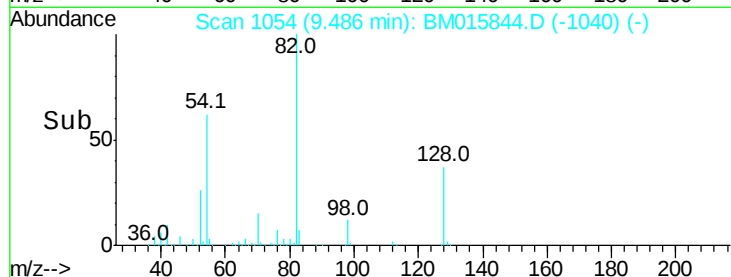
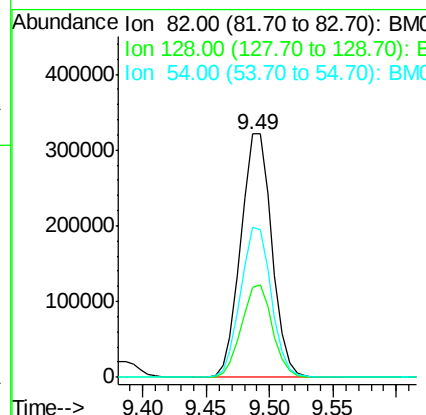
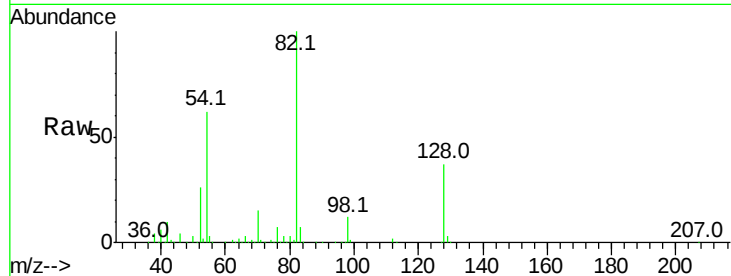
#23
Nitrobenzene-d5
Concen: 34.287 ng
RT: 9.49 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.8	32.8	49.2	
54	61.5	40.6	60.8	

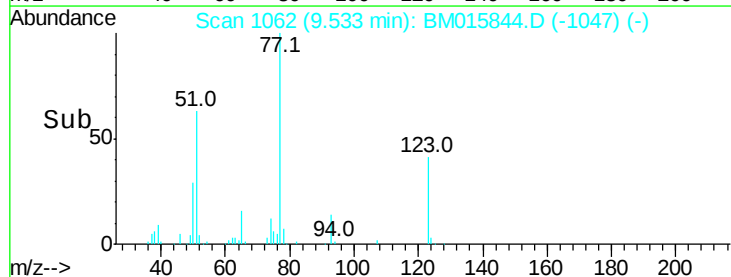
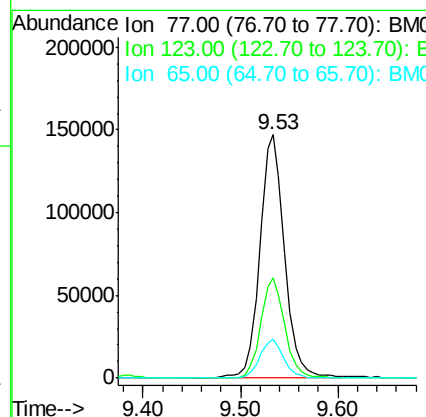
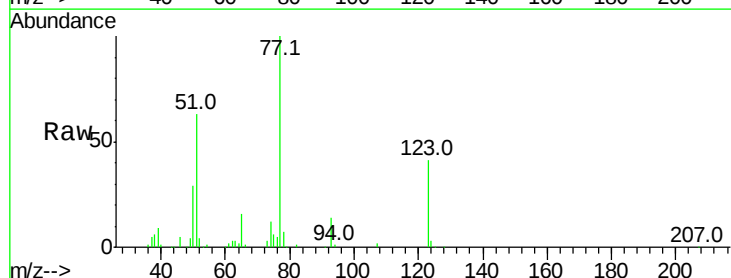
Manual Integrations
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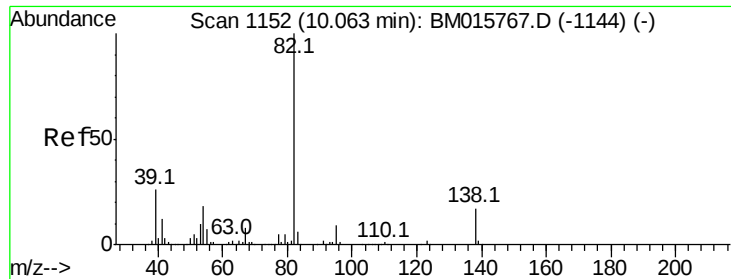
Sohil
7/10/2018 2:50:02 PM



#24
Nitrobenzene
Concen: 37.100 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.9	32.6	49.0	
65	15.7	10.9	16.3	





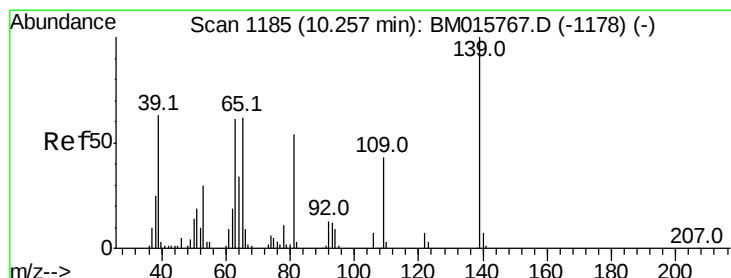
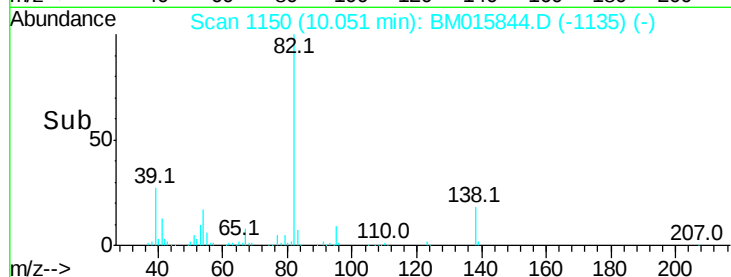
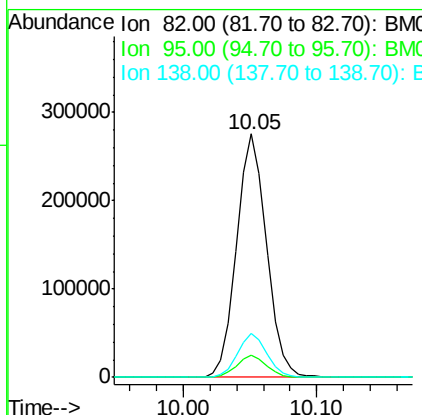
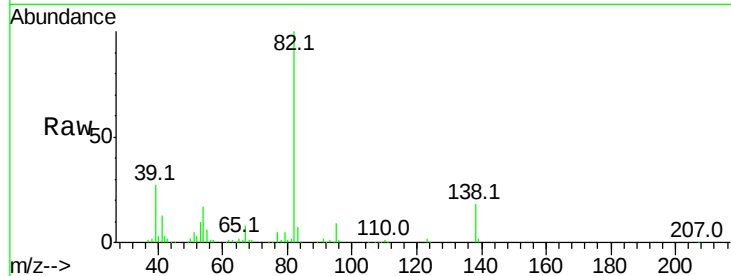
#25
Isophorone
Concen: 38.780 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	429178		
95	8.9	5.8	8.6#	
138	18.0	16.3	24.5	

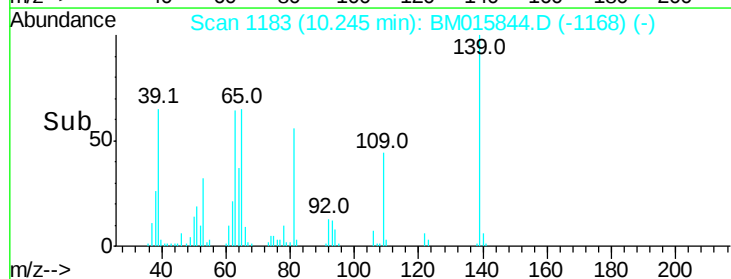
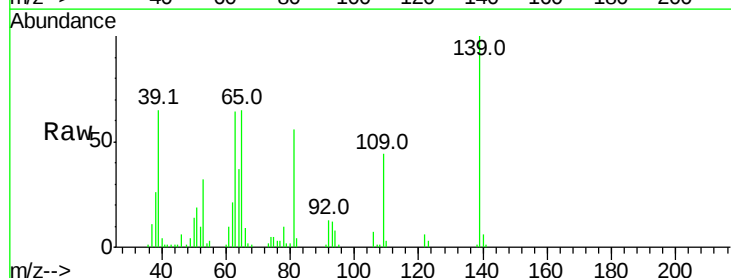
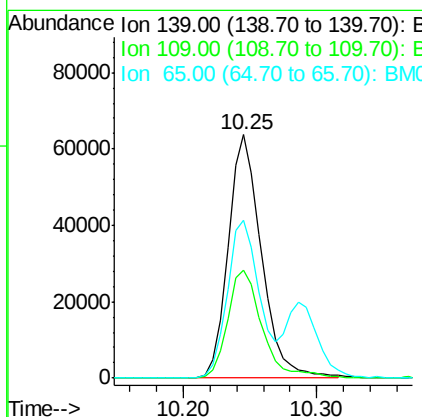
Manual Integrations
APPROVED

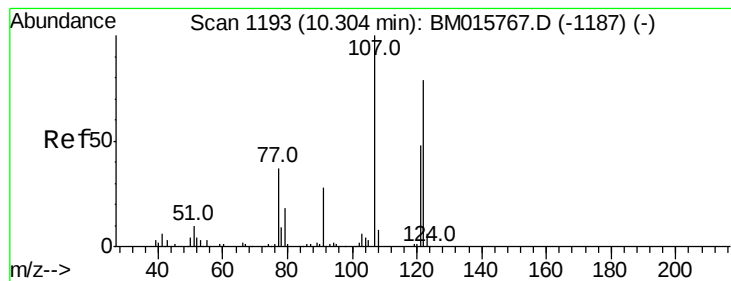
Sohil
7/10/2018 2:50:02 PM



#26
2-Nitrophenol
Concen: 36.371 ng
RT: 10.25 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	110542		
109	44.1	20.1	30.1#	
65	64.9	31.5	47.3#	





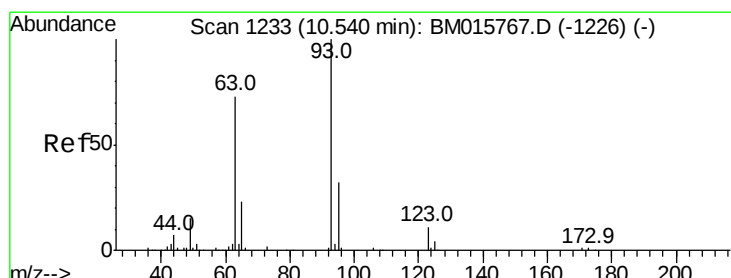
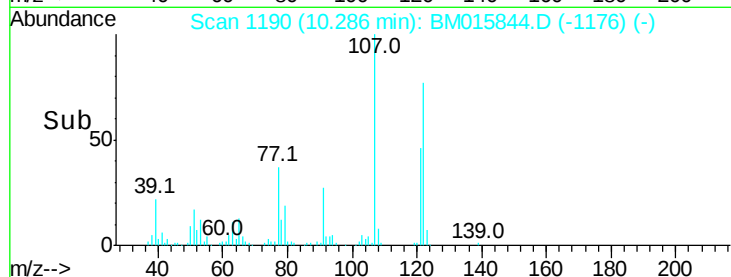
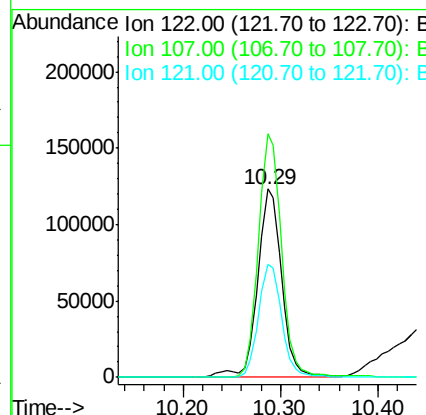
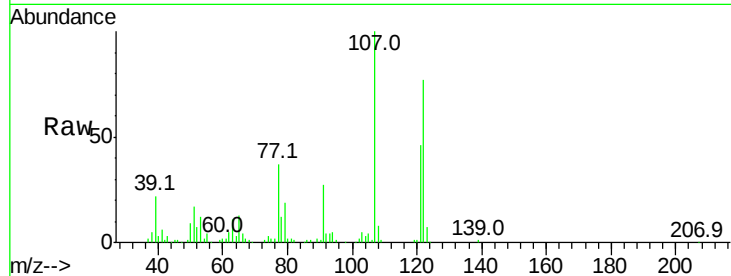
#27
 2,4-Dimethylphenol
 Concen: 46.082 ng
 RT: 10.29 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	129.2	84.7	127.1#
121	60.0	46.6	69.8

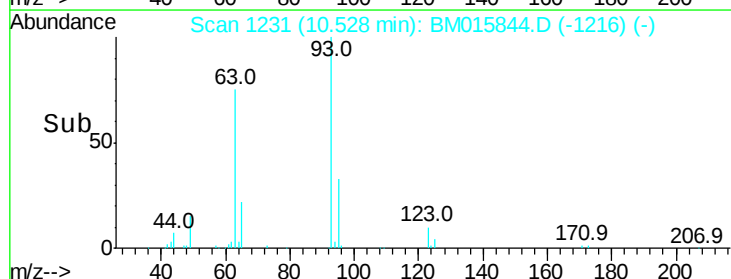
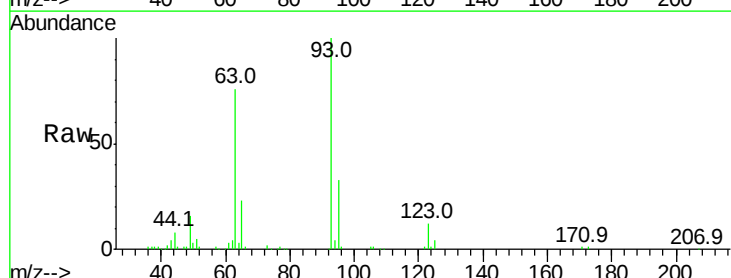
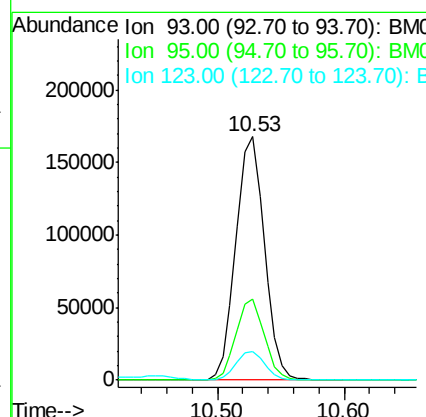
Manual Integrations
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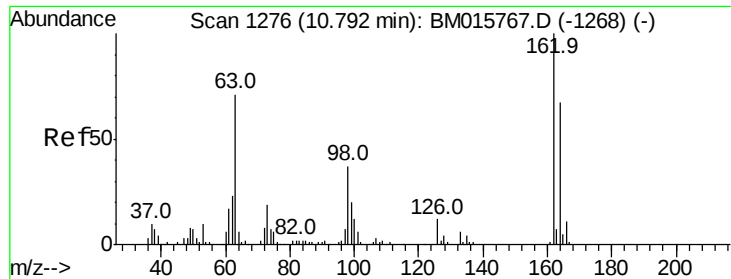
Sohil
 7/10/2018 2:50:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.486 ng
 RT: 10.53 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	25.5	38.3
123	11.5	8.6	13.0





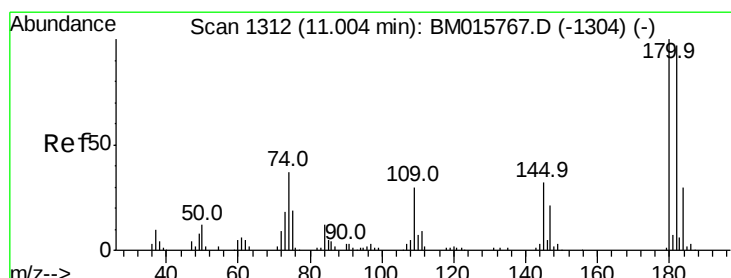
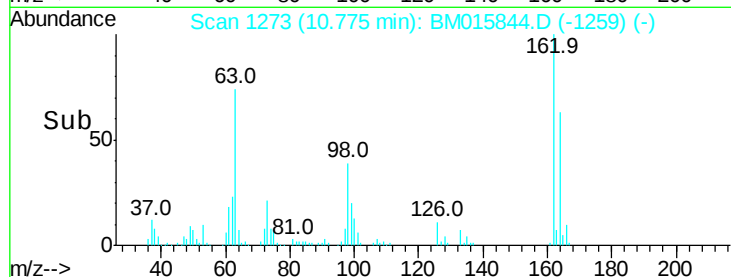
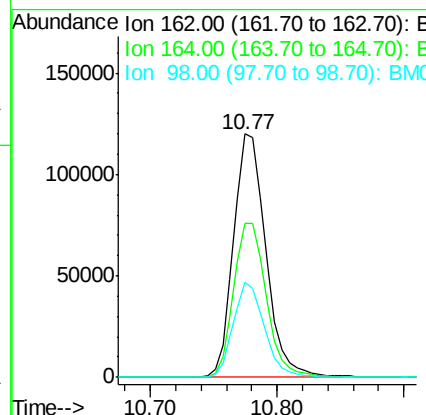
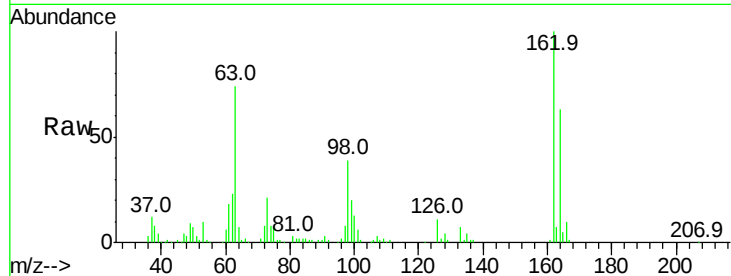
#29
2,4-Dichlorophenol
Concen: 41.341 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	211404		
164	63.0	42.8	82.8	
98	39.2	14.5	54.5	

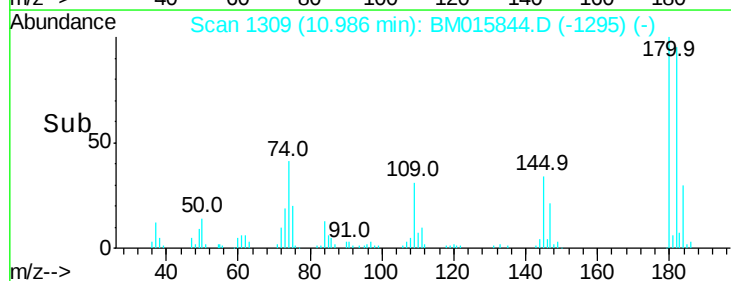
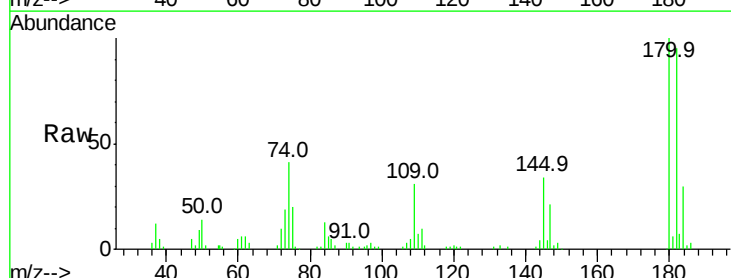
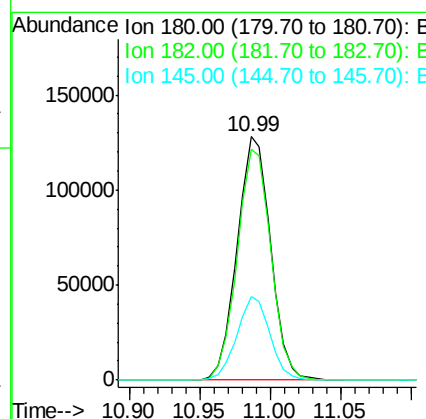
Manual Integrations
APPROVED

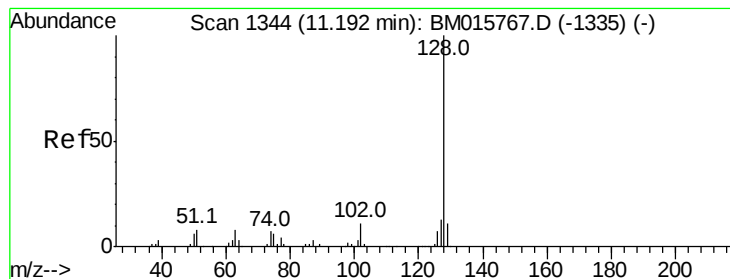
Sohil
7/10/2018 2:50:02 PM



#30
1,2,4-Trichlorobenzene
Concen: 35.701 ng
RT: 10.99 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	212043		
182	95.1	77.6	116.4	
145	34.3	23.4	35.2	





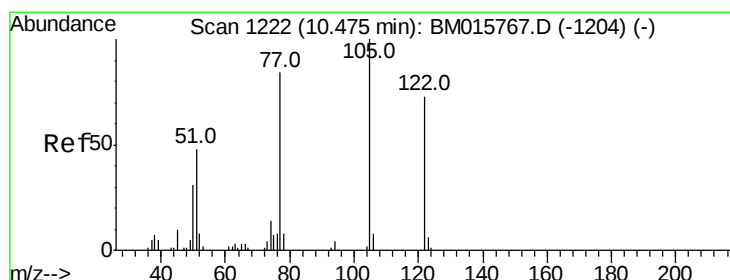
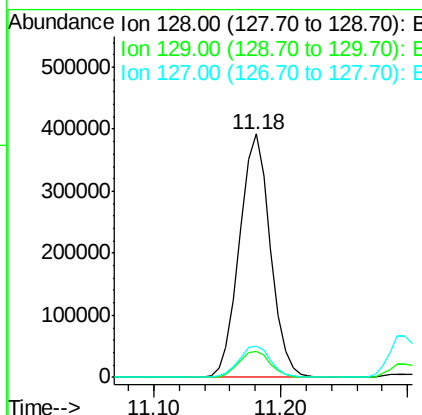
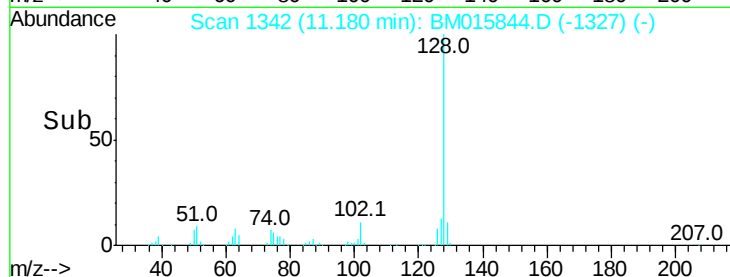
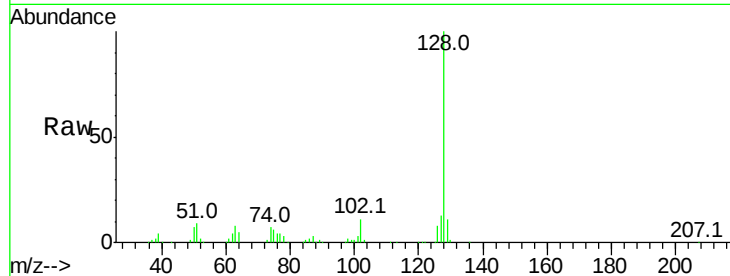
#31
Naphthalene
Concen: 36.071 ng
RT: 11.18 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampled :
PB110833BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.0	10.4	15.6

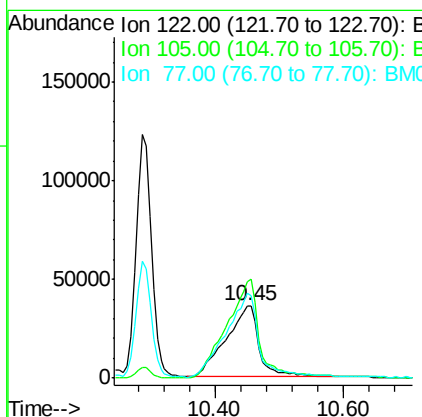
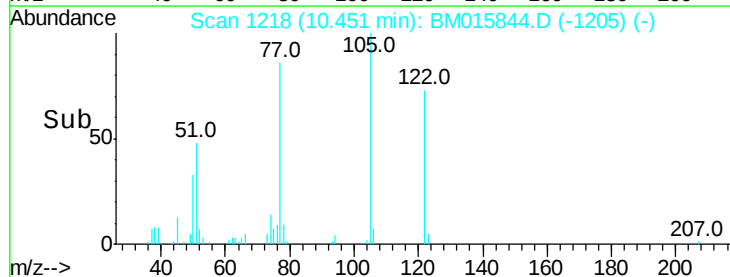
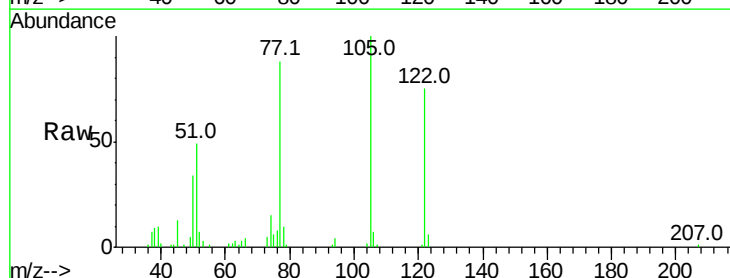
Manual Integrations
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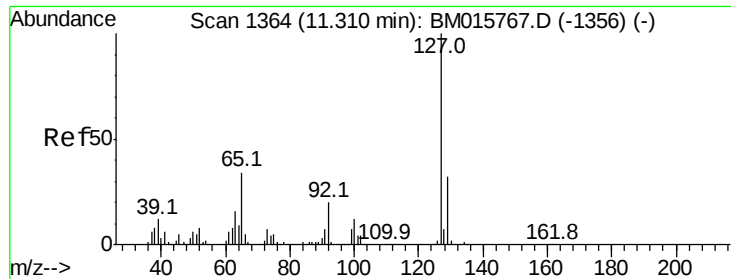
Sohil
7/10/2018 2:50:02 PM



#32
Benzoic acid
Concen: 32.177 ng m
RT: 10.45 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.5	99.9	139.9
77	117.1	73.7	113.7#





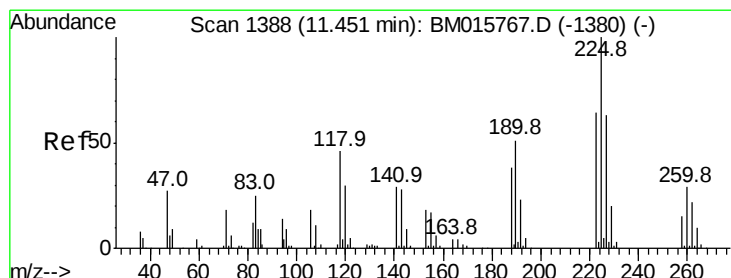
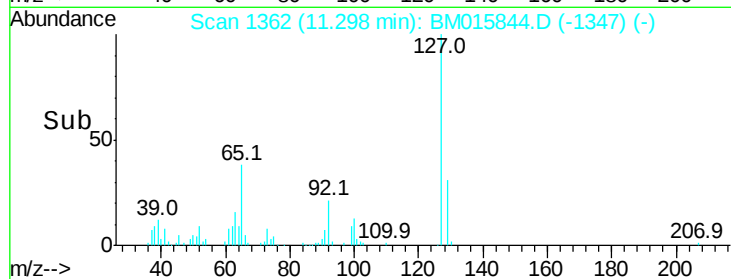
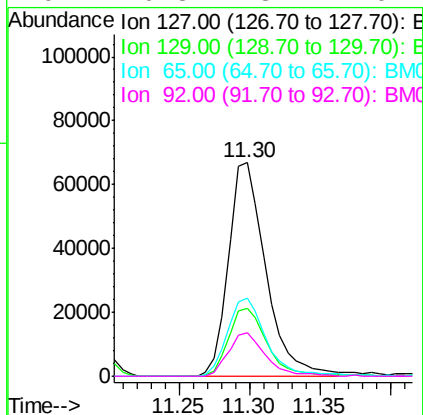
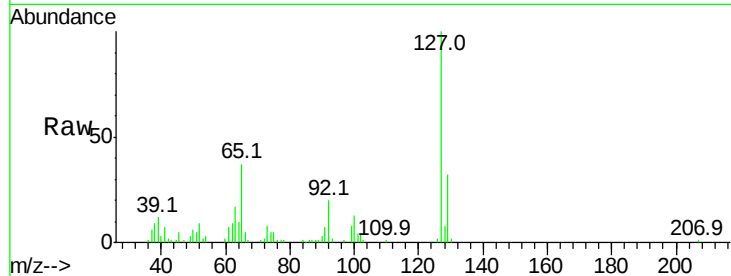
#33
4-Chloroaniline
Concen: 16.549 ng
RT: 11.30 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	31.5	25.3	37.9
65	36.8	17.6	26.4
92	20.3	13.1	19.7

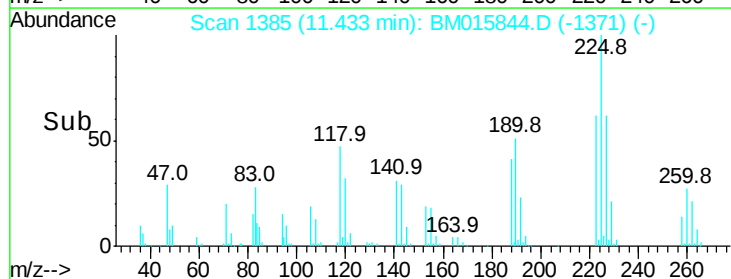
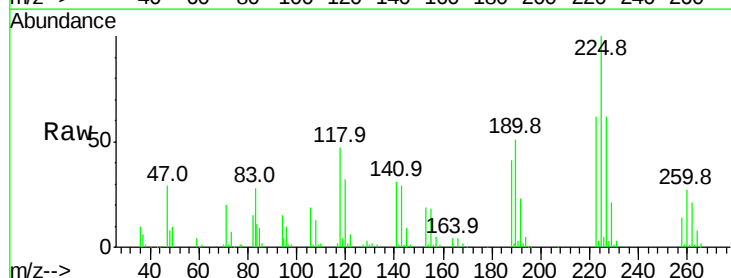
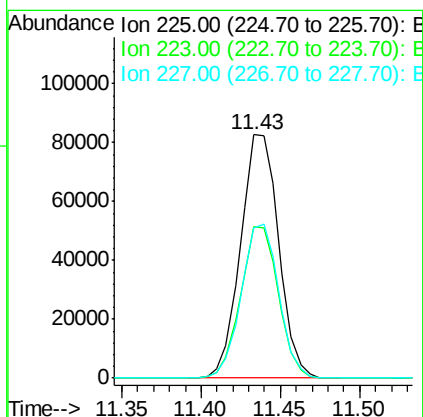
Manual Integrations
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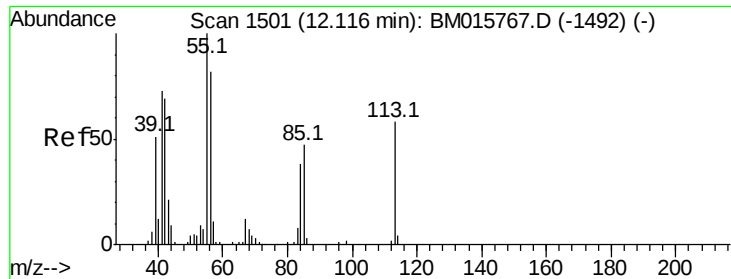
Sohil
7/10/2018 2:50:02 PM



#34
Hexachlorobutadiene
Concen: 34.810 ng
RT: 11.43 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	62.2	47.9	71.9
227	61.7	50.1	75.1





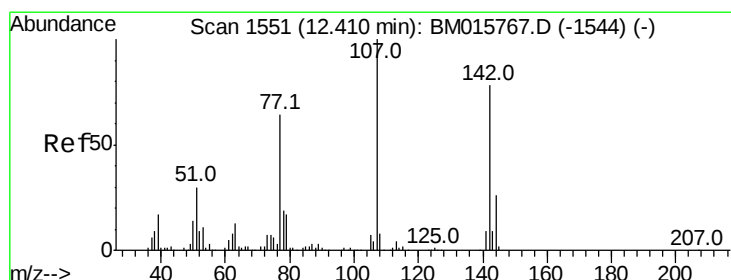
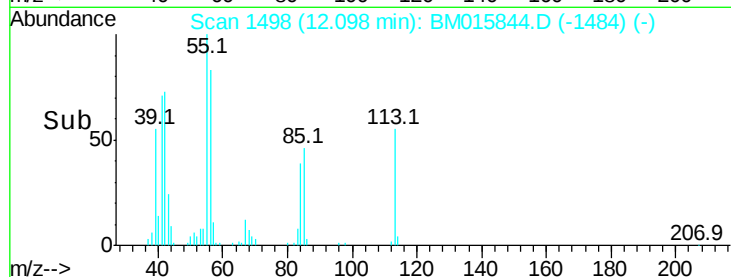
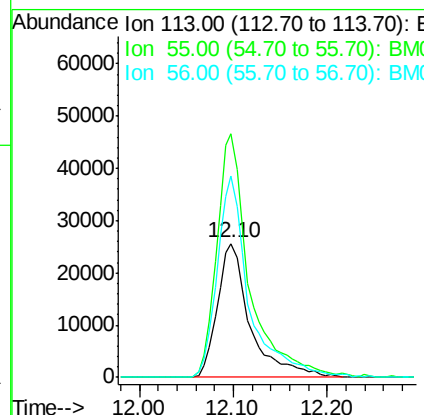
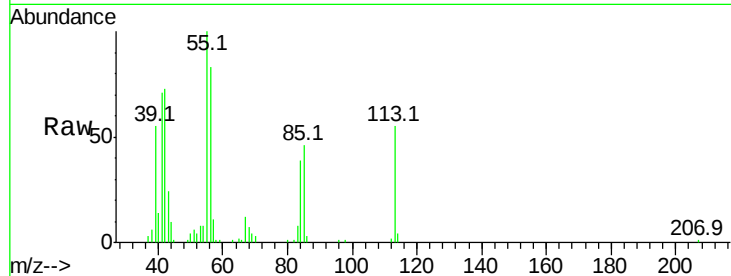
#35
 Caprolactam
 Concen: 36.896 ng/ml
 RT: 12.10 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleID :
 PB110833BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.2	145.9	185.9
56	150.8	101.0	141.0

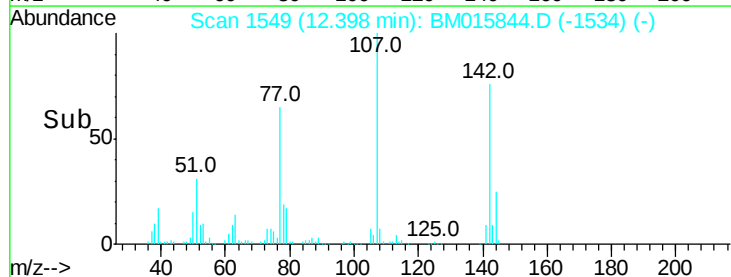
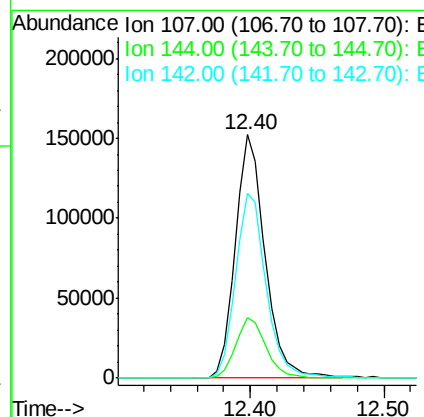
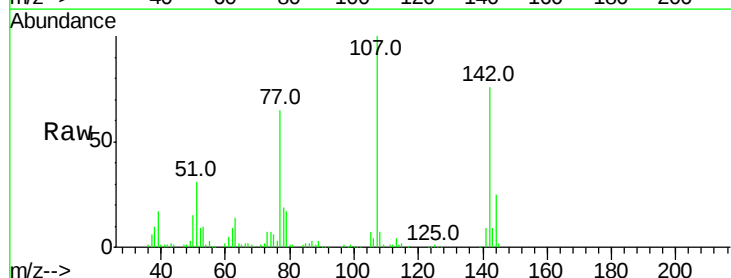
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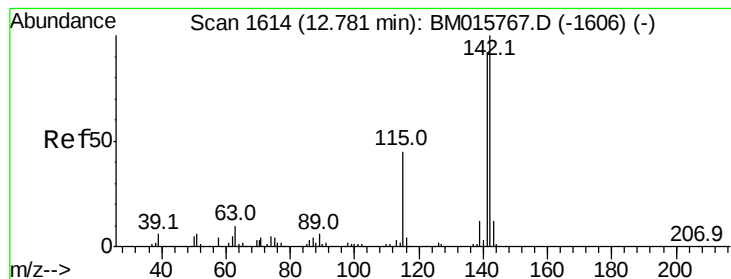
Sohil
 7/10/2018 2:50:02 PM



#36
 4-Chloro-3-methylphenol
 Concen: 40.475 ng/ml
 RT: 12.40 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	23.3	34.9
142	75.7	72.6	109.0





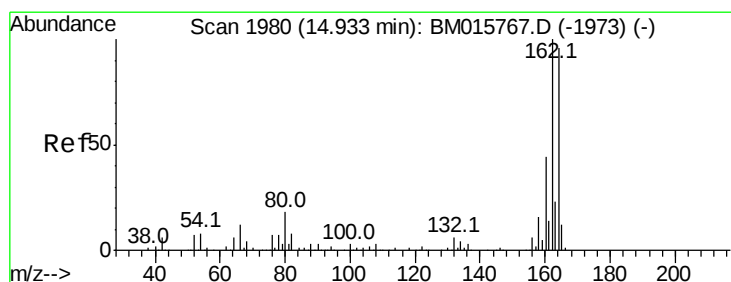
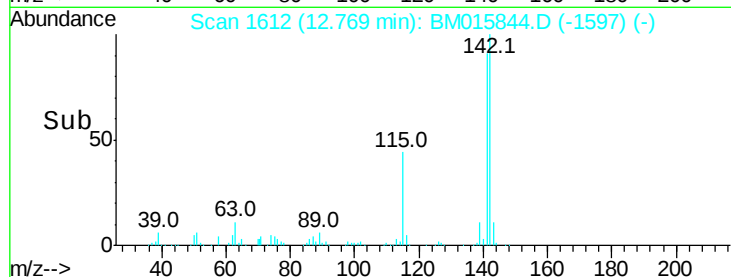
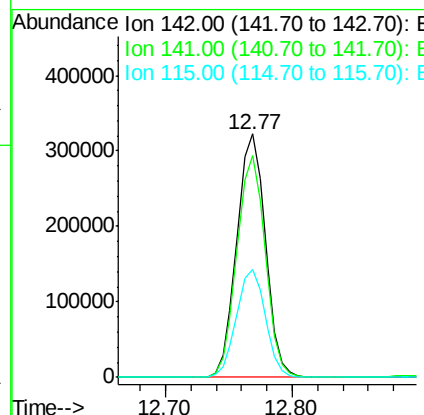
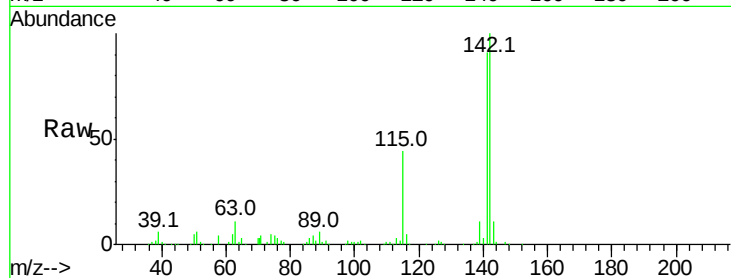
#37
2-Methylnaphthalene
Concen: 38.640 ng
RT: 12.77 min Scan# 1612
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	504172		
141	91.2	71.9	107.9	
115	44.1	25.4	38.0	

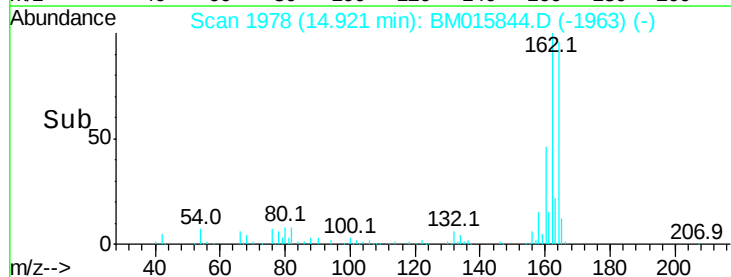
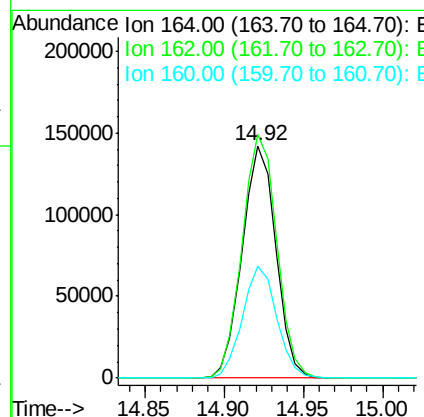
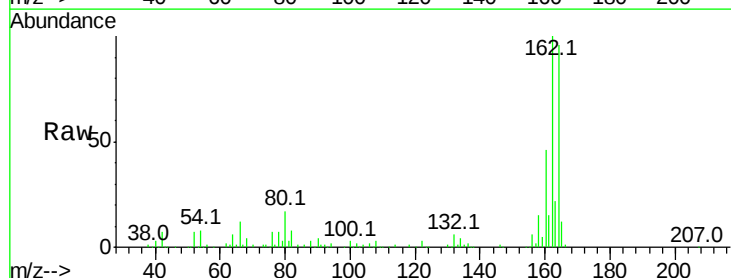
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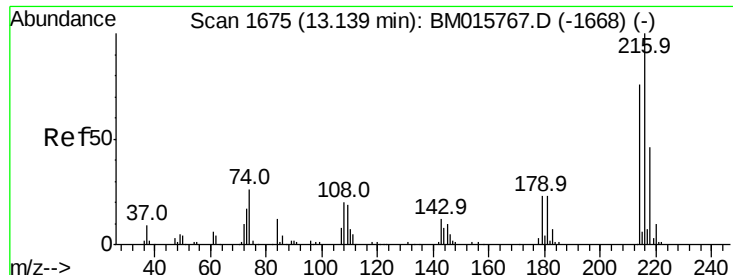
Sohil
7/10/2018 2:50:02 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	210126		
162	104.7	82.4	123.6	
160	48.0	35.8	53.6	





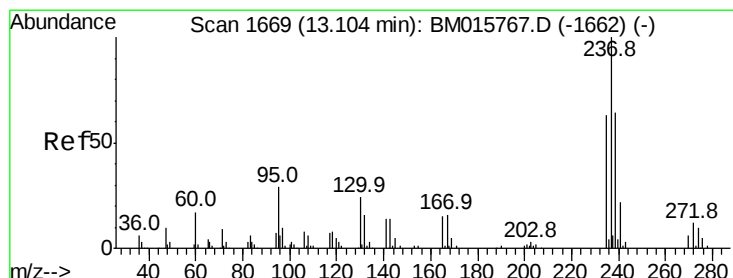
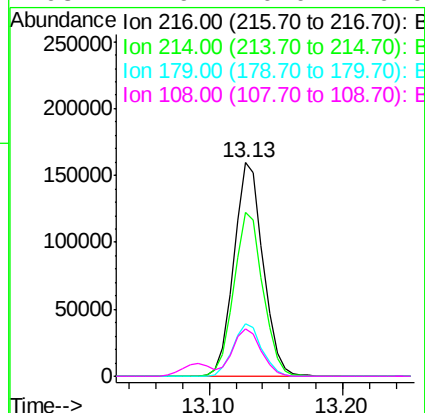
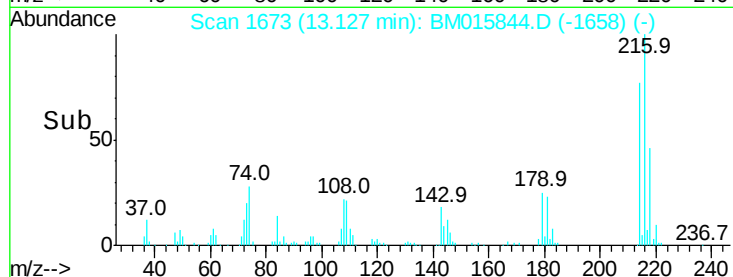
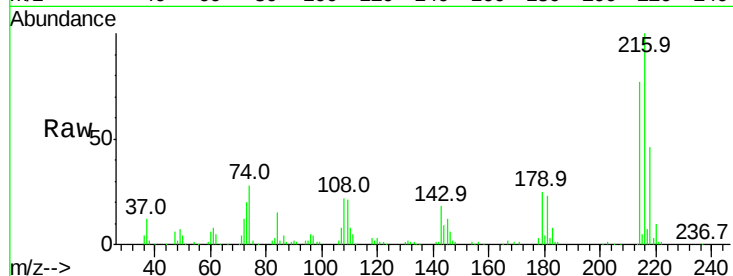
#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.949 ng
RT: 13.13 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	242441		
214	76.7	0.0	0.0	0.0#
179	24.3	0.0	0.0	0.0#
108	21.9	0.0	0.0	0.0#

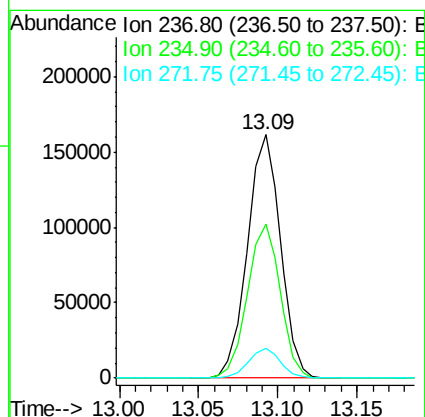
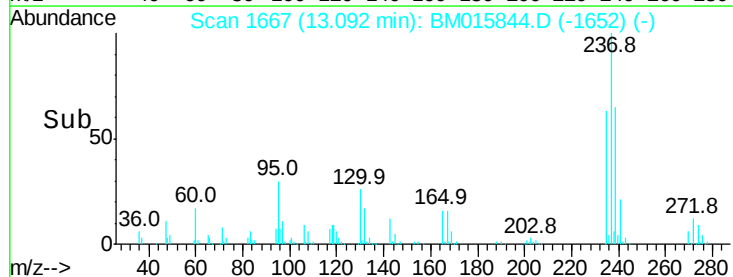
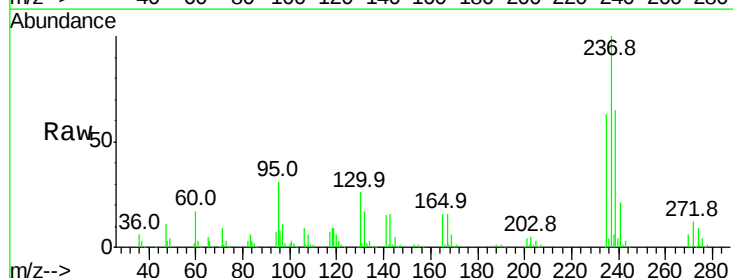
Manual Integrations
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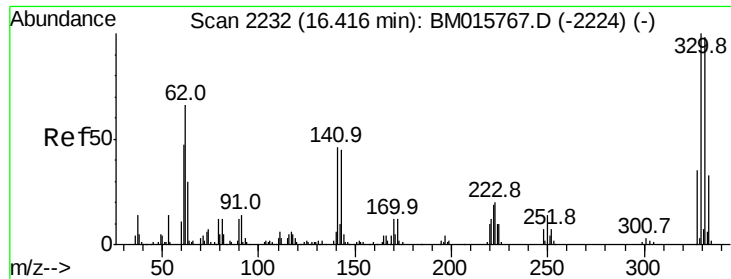
Sohil
7/10/2018 2:50:02 PM



#40
Hexachlorocyclopentadiene
Concen: 74.920 ng
RT: 13.09 min Scan# 1667
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	233779		
235	63.3	42.0	82.0	
272	12.0	0.0	33.4	





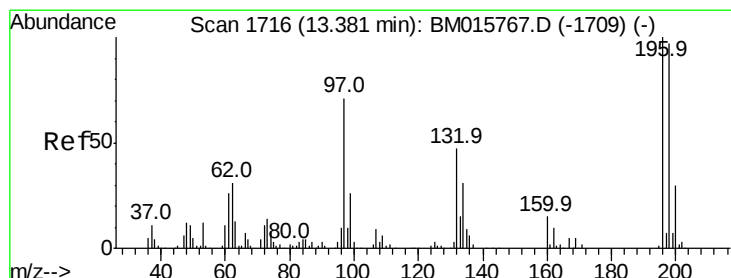
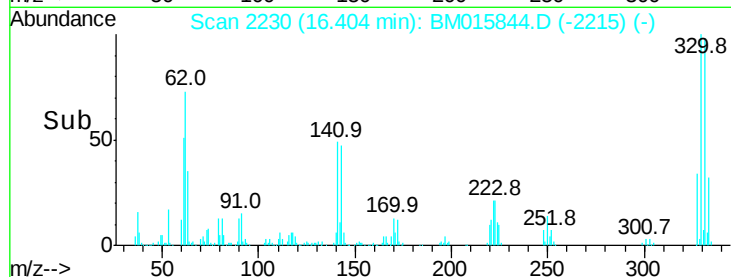
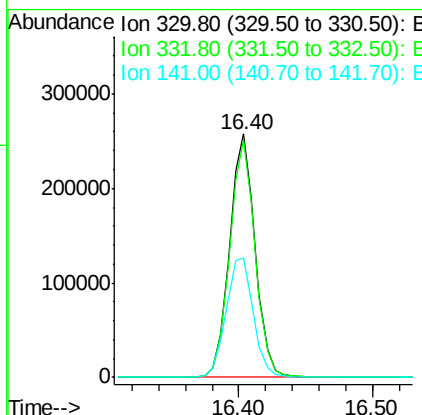
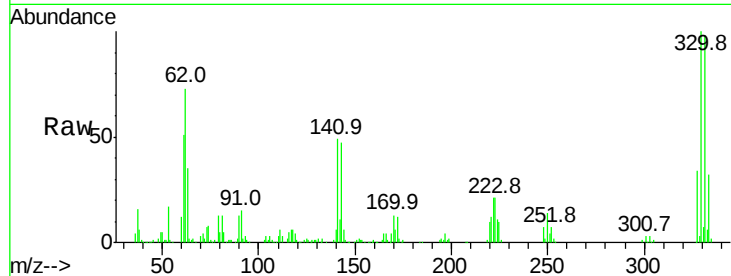
#41
 2,4,6-Tribromophenol
 Concen: 74.920 ng
 RT: 16.40 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	0.0	0.0	0.0
141	52.7	0.0	0.0	0.0

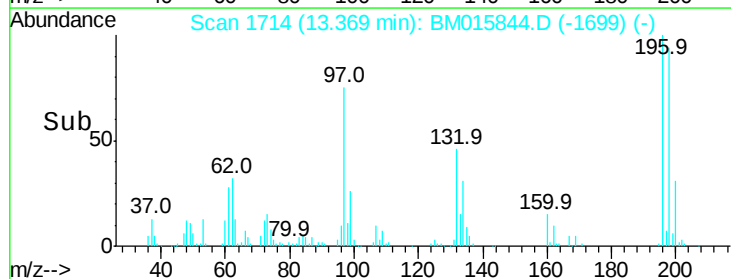
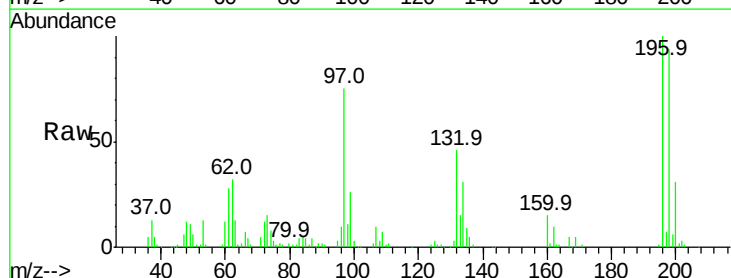
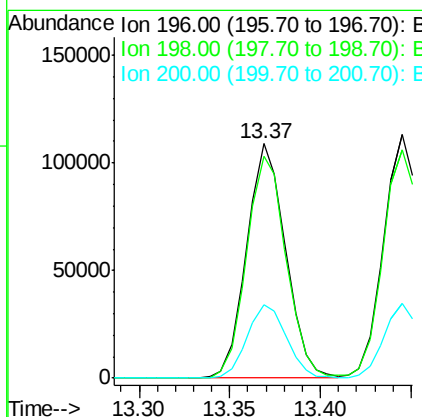
Manual Integrations
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Sohil
 7/10/2018 2:50:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.132 ng
 RT: 13.37 min Scan# 1714
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.5	76.3	114.5	
200	31.5	25.6	38.4	





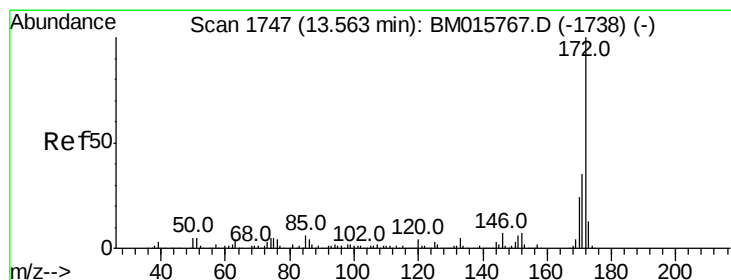
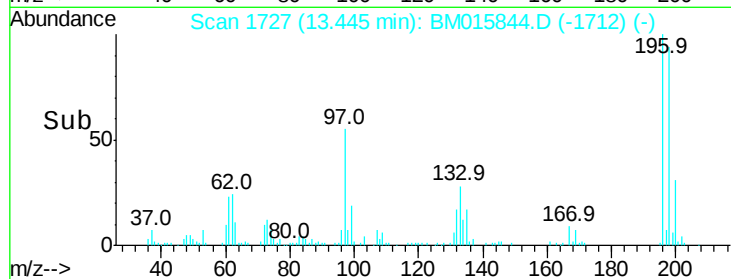
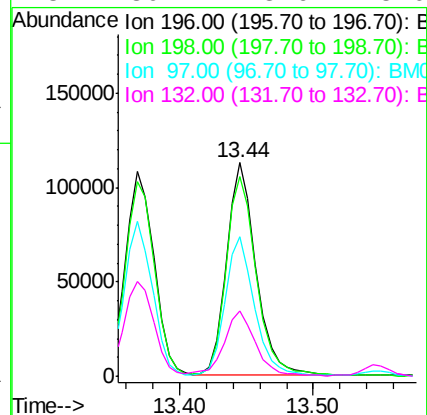
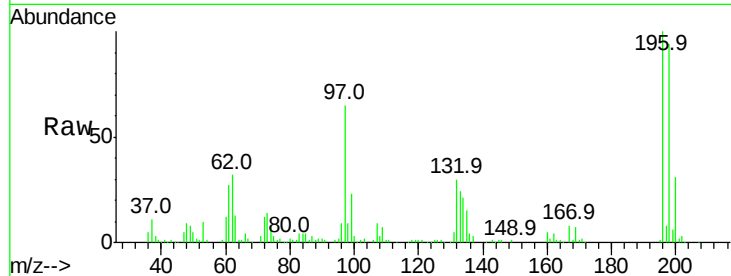
#43
 2,4,5-Trichlorophenol
 Concen: 37.320 ng
 RT: 13.44 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	171863		
198	93.7	79.4	119.0	
97	65.1	26.8	40.2	#
132	30.4	18.6	28.0	#

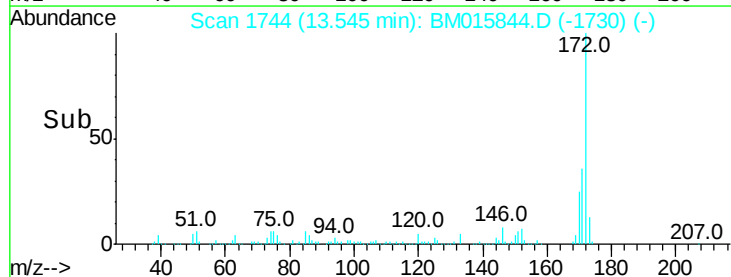
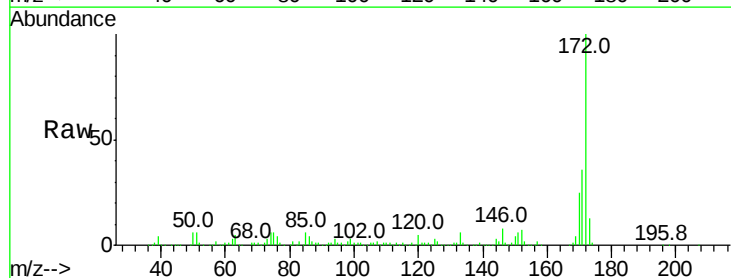
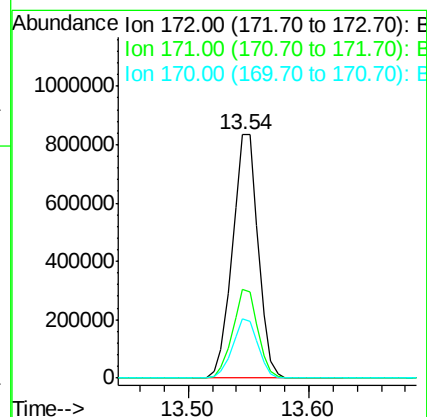
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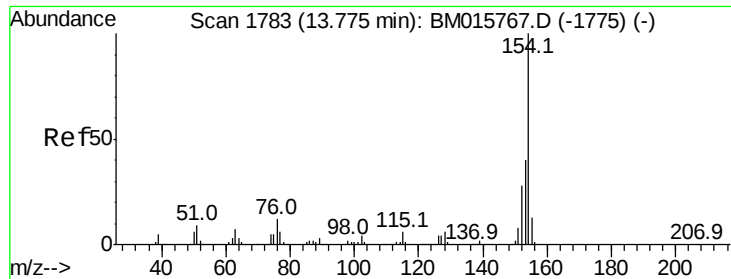
Sohil
 7/10/2018 2:50:02 PM



#44
 2-Fluorobiphenyl
 Concen: 37.320 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1231287		
171	36.2	28.5	42.7	
170	24.6	18.8	28.2	





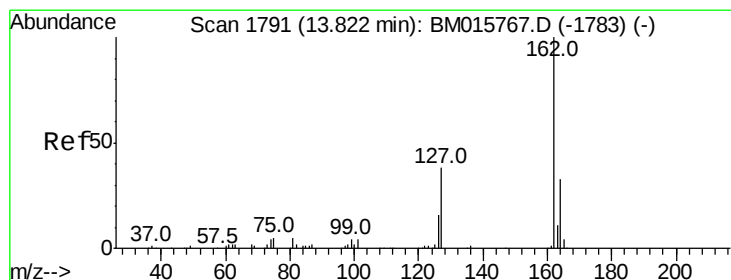
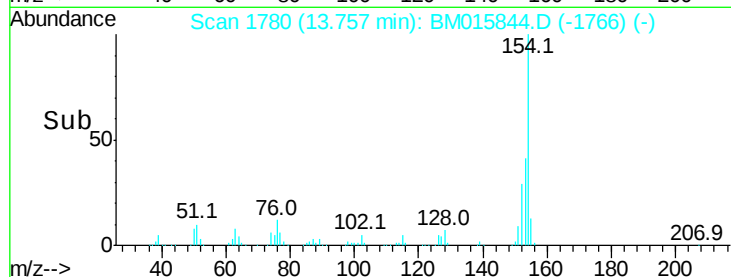
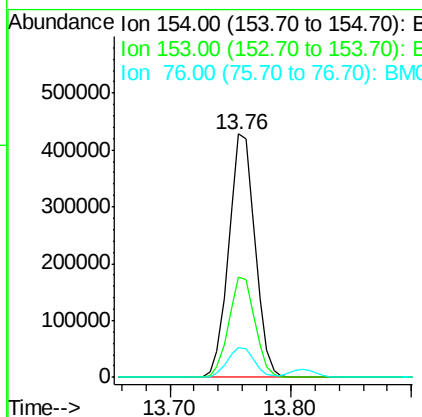
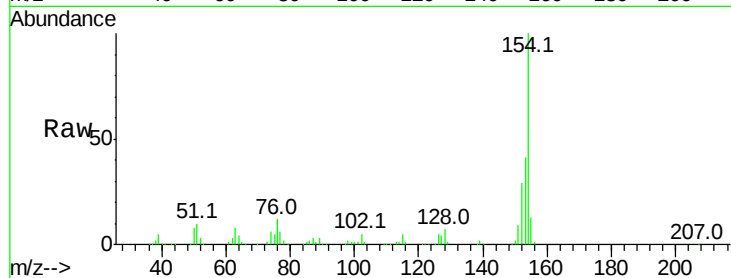
#45
 1,1'-Biphenyl
 Concen: 35.685 ng
 RT: 13.76 min Scan# 1780
 Delta R.T. -0.02 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	20.7	60.7	
76	12.3	0.0	30.9	

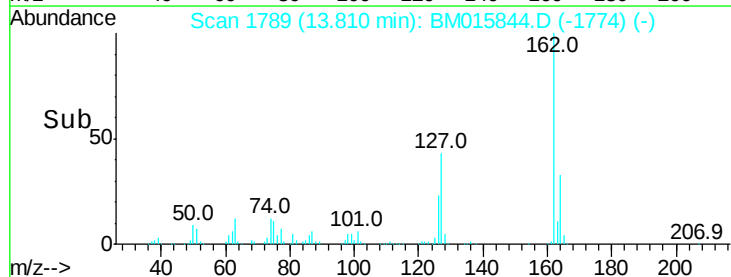
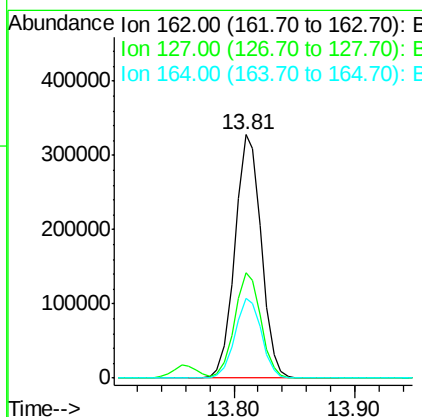
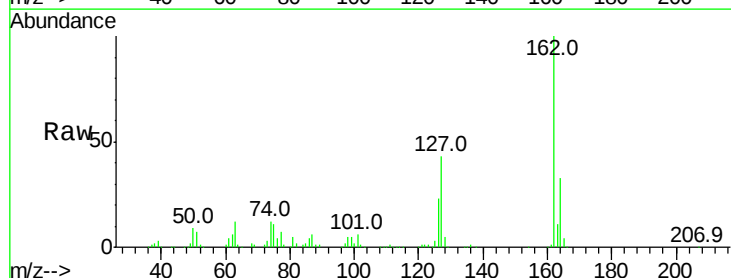
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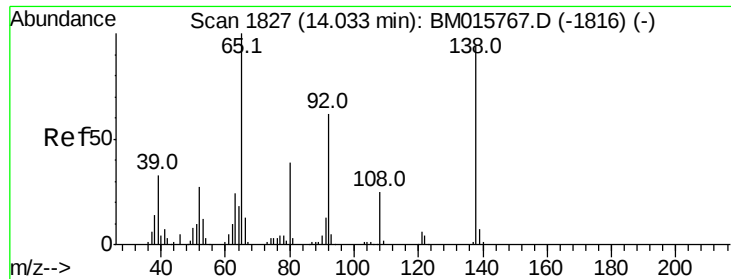
Sohil
 7/10/2018 2:50:02 PM



#46
 2-Chloronaphthalene
 Concen: 36.676 ng
 RT: 13.81 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.2	26.9	40.3#	
164	32.7	26.8	40.2	





#47

2-Nitroaniline

Concen: 37.531 ng

RT: 14.02 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

ClientSampleId :

PB110833BS

Tot Ion: 65 Resp: 177778

Ion Ratio Lower Upper

65 100

92 61.5 59.1 88.7

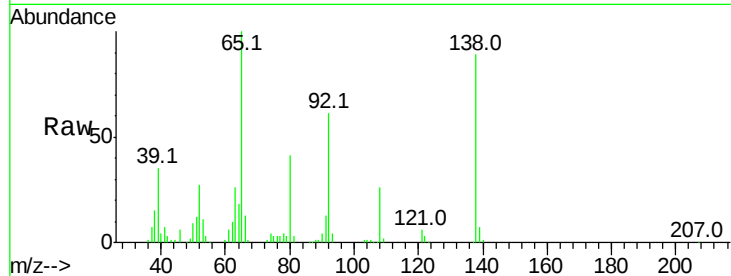
138 89.2 93.9 140.9#

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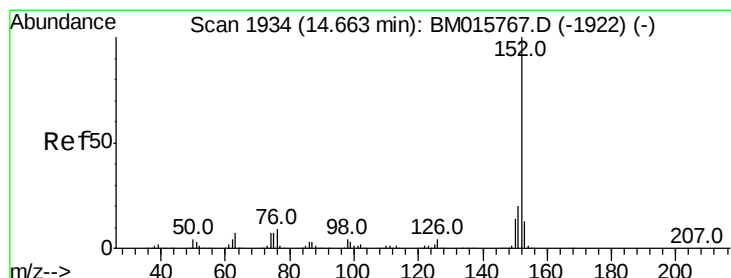
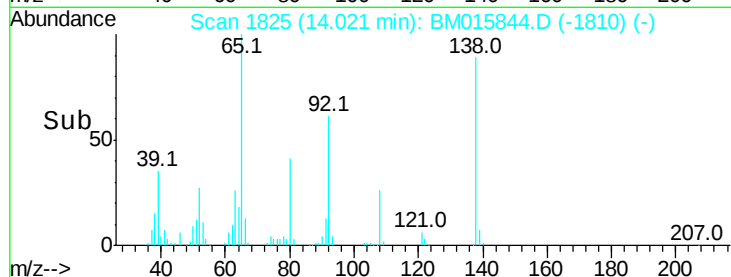
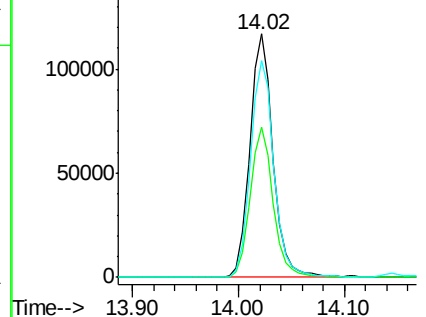
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Abundance Ion 65.00 (64.70 to 65.70): BM015767.D (-1816) (-)

Ion 92.00 (91.70 to 92.70): BM015767.D (-1816) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1816) (-)



#48

Acenaphthylene

Concen: 36.721 ng

RT: 14.65 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

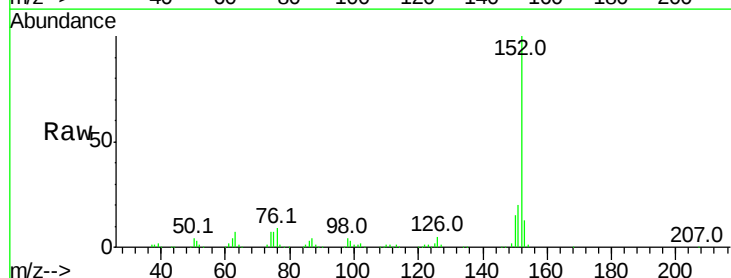
Tgt Ion: 152 Resp: 811419

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

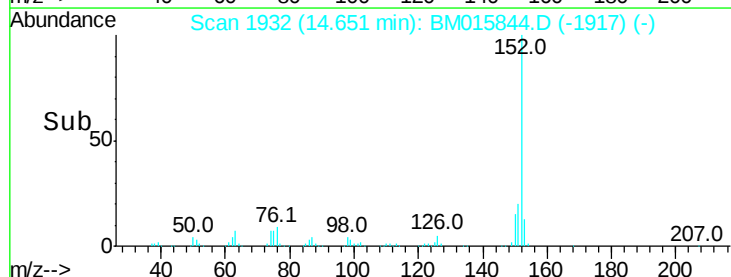
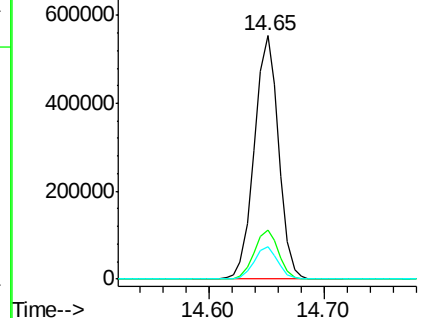
153 13.4 10.6 16.0

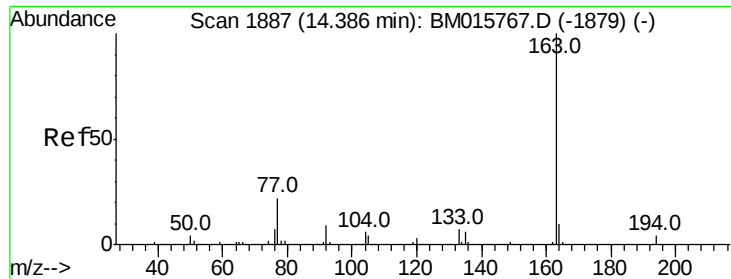


Abundance Ion 152.00 (151.70 to 152.70): BM015767.D (-1922) (-)

Ion 151.00 (150.70 to 151.70): BM015767.D (-1922) (-)

Ion 153.00 (152.70 to 153.70): BM015767.D (-1922) (-)





#49

Dimethylphthalate

Concen: 35.419 ng

RT: 14.37 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

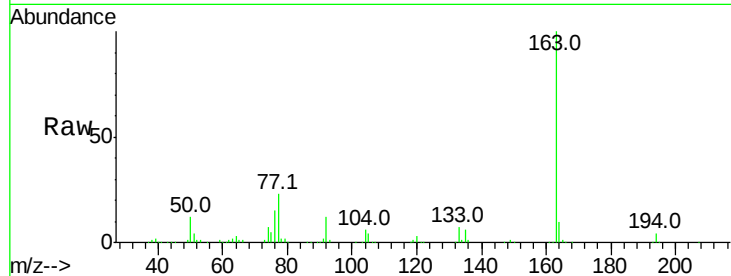
ClientSampleId :

PB110833BS

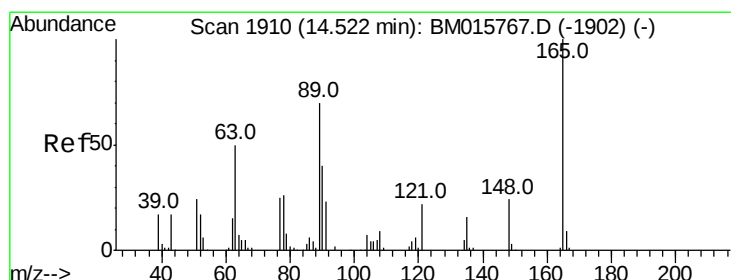
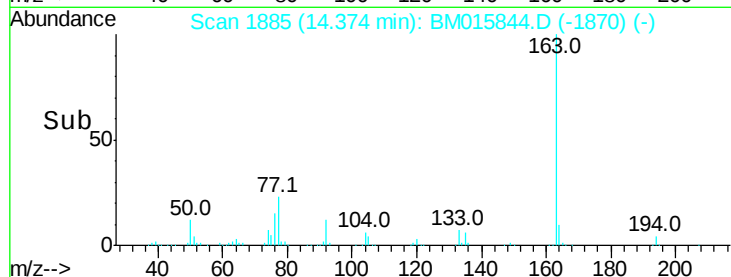
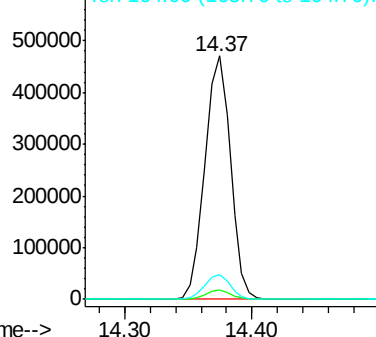
Tot Ion:	163	Resp:	656372
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2

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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



#50

2,6-Dinitrotoluene

Concen: 37.674 ng

RT: 14.51 min Scan# 1908

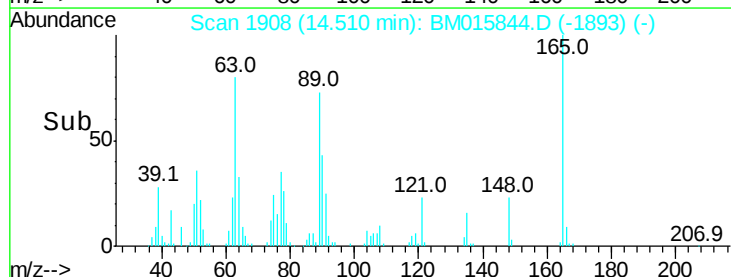
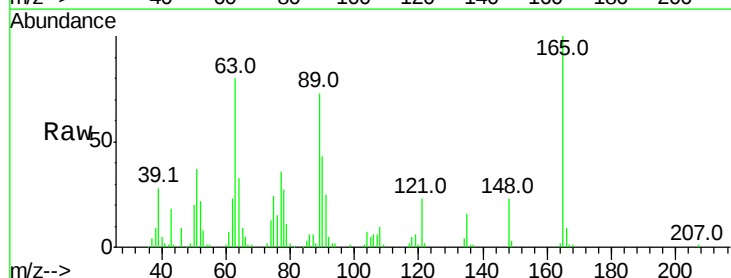
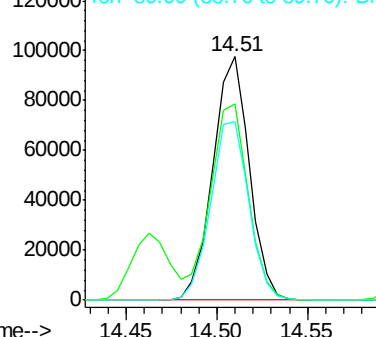
Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion:	165	Resp:	136127
Ion Ratio	Lower	Upper	
165	100		
63	80.5	44.1	66.1#
89	73.5	44.3	66.5#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 34.731 ng

RT: 14.99 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

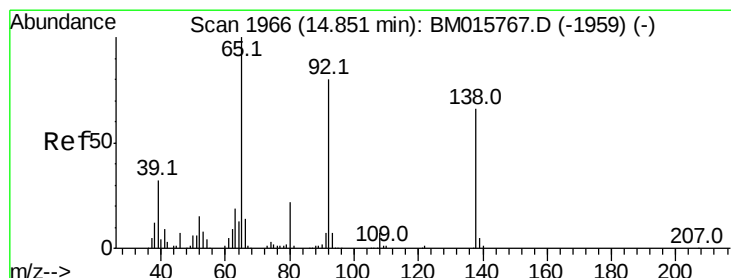
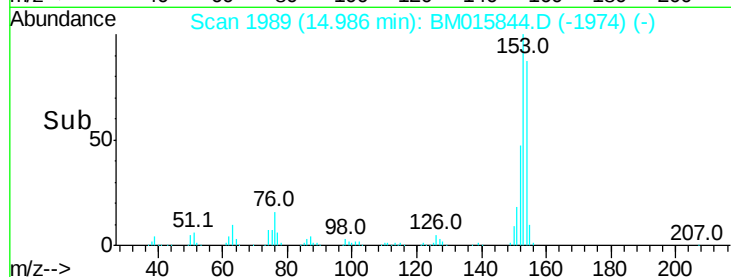
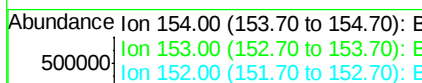
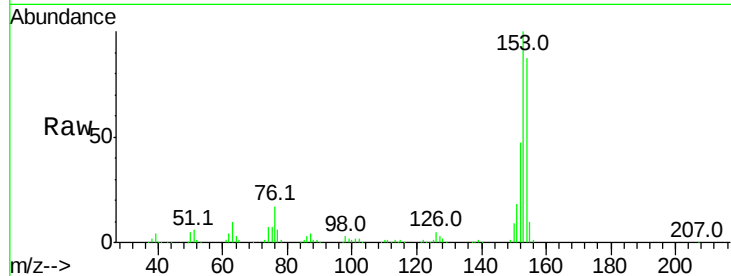
ClientSampled :

PB110833BS

Tot Ion:	154	Resp:	477553
Ion Ratio	Lower	Upper	
154	100		
153	115.2	90.0	135.0
152	53.9	42.6	63.8

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#52

3-Nitroaniline

Concen: 20.500 ng

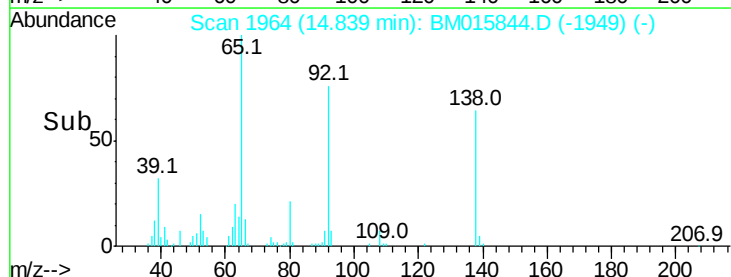
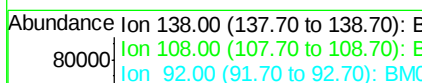
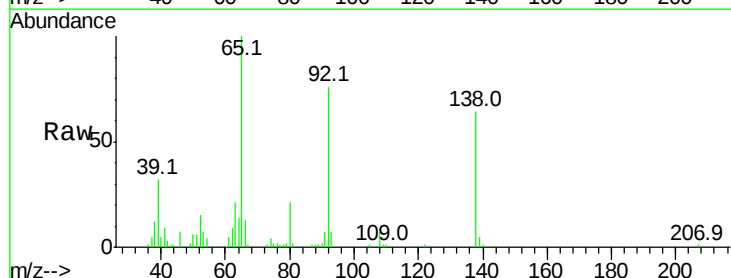
RT: 14.84 min Scan# 1964

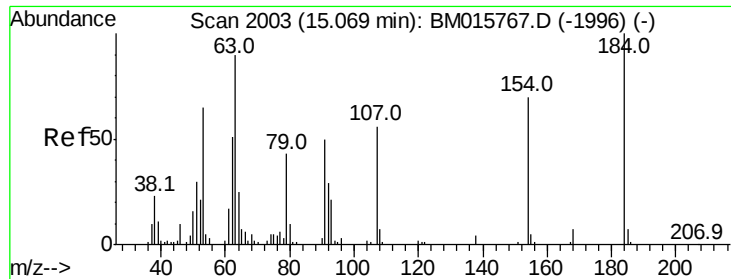
Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion:	138	Resp:	81076
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.3	10.9#
92	119.4	76.6	114.8#





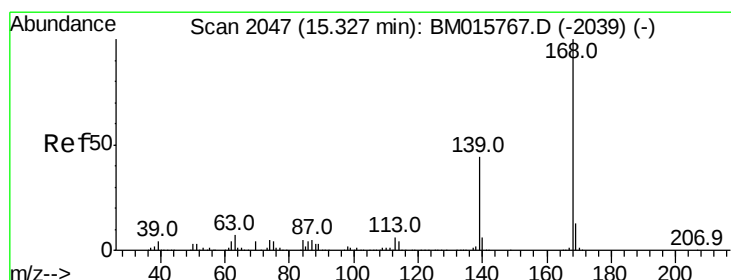
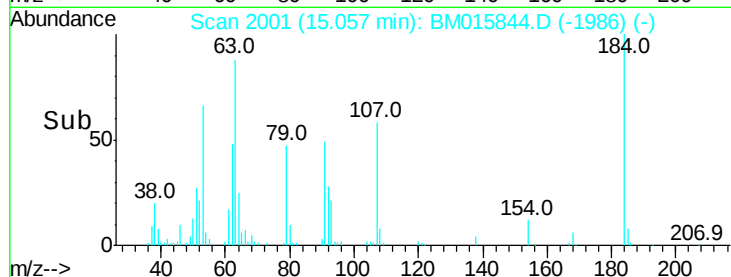
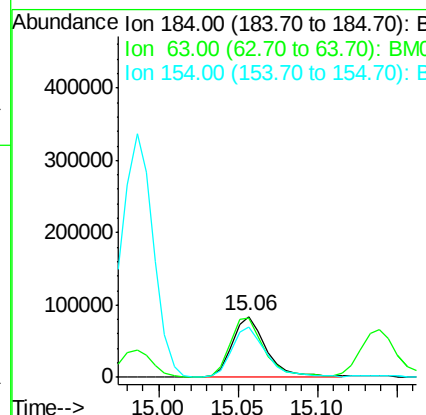
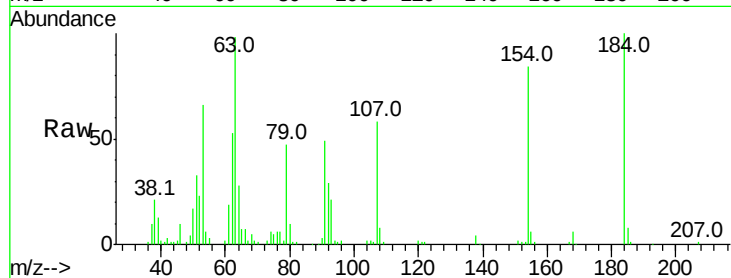
#53
2,4-Dinitrophenol
Concen: 69.977 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	97.6	69.2	103.8	
154	84.0	53.3	79.9#	

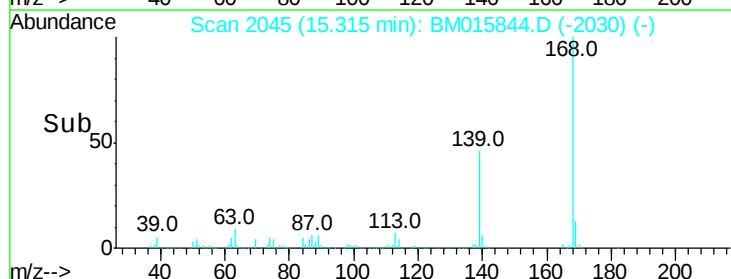
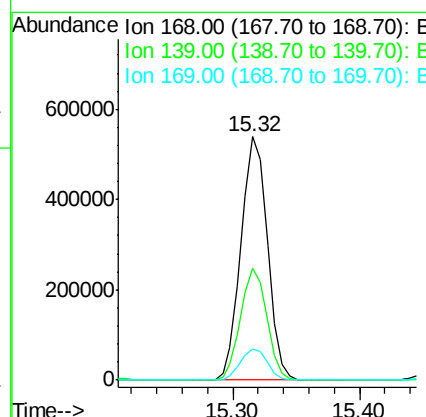
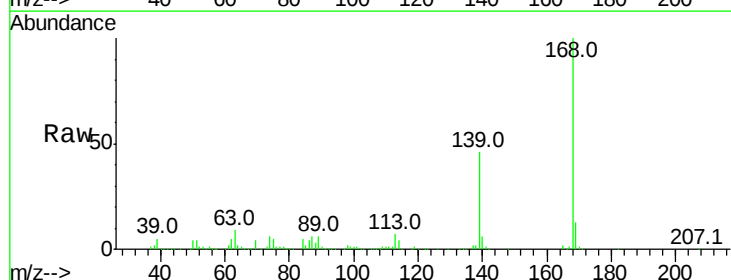
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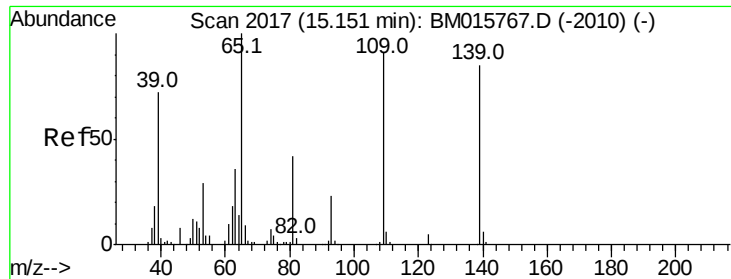
Sohil
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#54
Dibenzofuran
Concen: 36.722 ng
RT: 15.32 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	45.9	27.3	40.9#	
169	13.0	10.6	16.0	





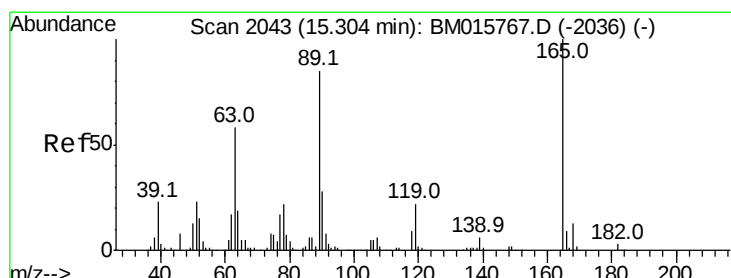
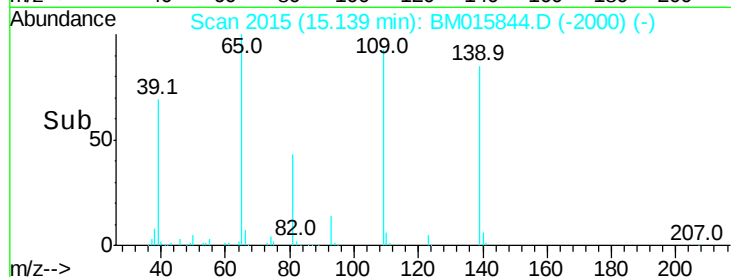
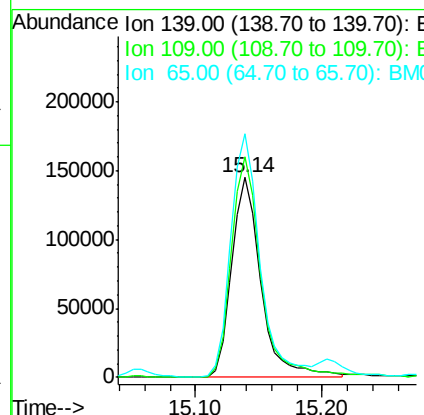
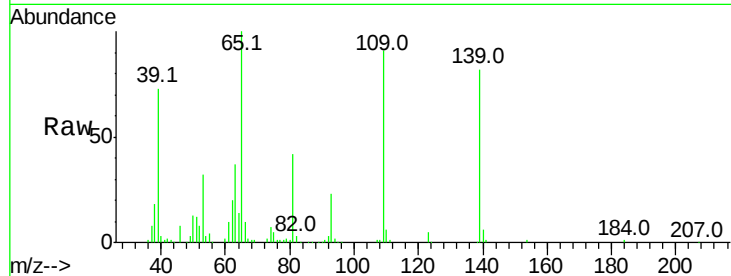
#55
4-Nitrophenol
Concen: 79.687 ng
RT: 15.14 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	110.6	130.0	170.0#	
65	121.8	130.0	170.0#	

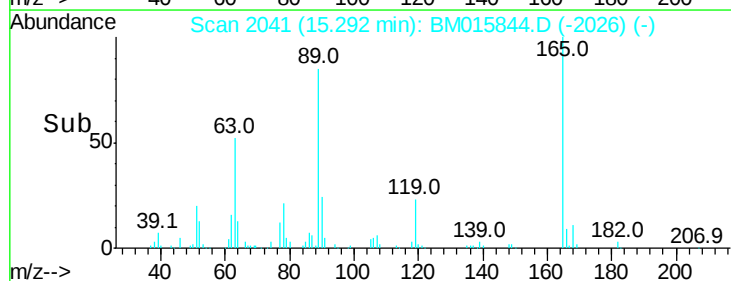
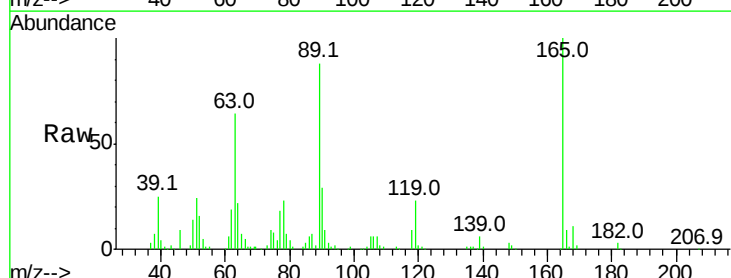
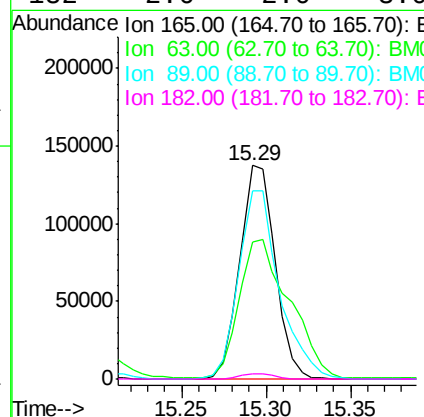
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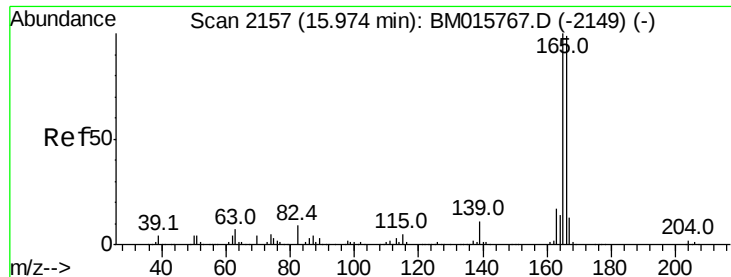
Sohil
7/10/2018 2:50:02 PM



#56
2,4-Dinitrotoluene
Concen: 38.405 ng
RT: 15.29 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.3	52.4	78.6	
89	88.4	72.4	108.6	
182	2.6	2.0	3.0	





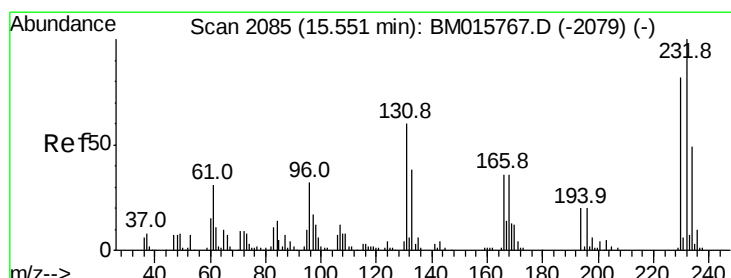
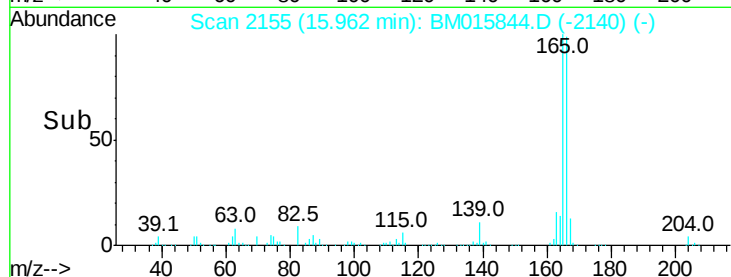
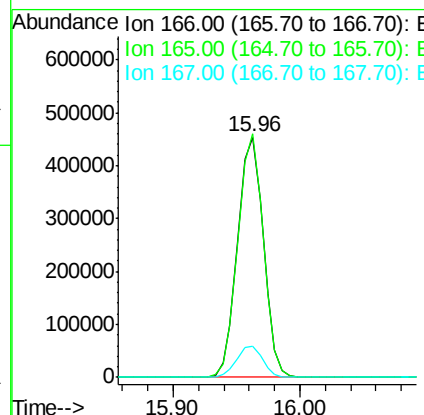
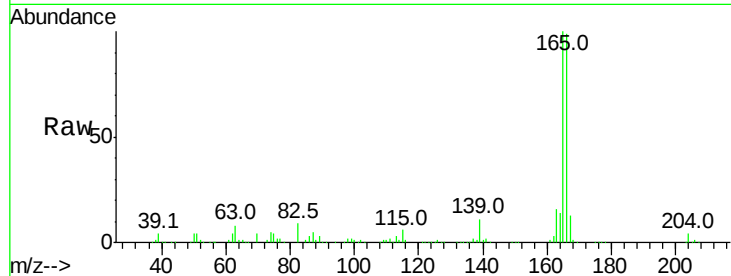
#57
 Fluorene
 Concen: 36.608 ng
 RT: 15.96 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	101.5	79.0	118.4	
167	12.9	10.3	15.5	

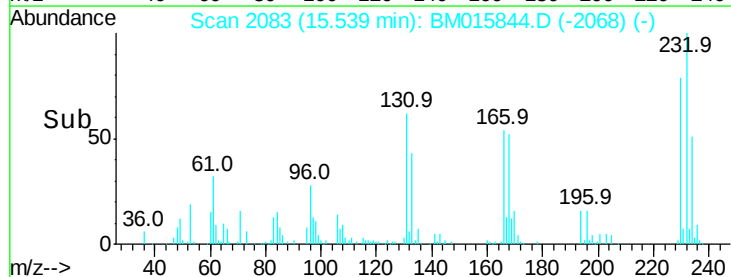
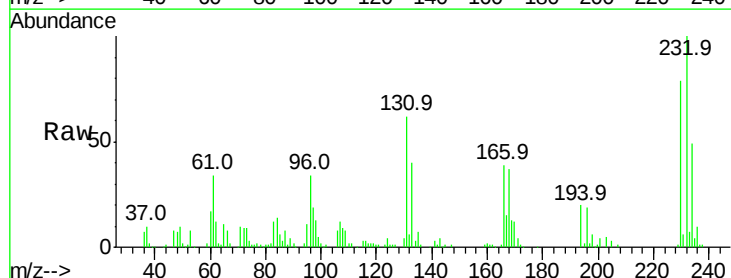
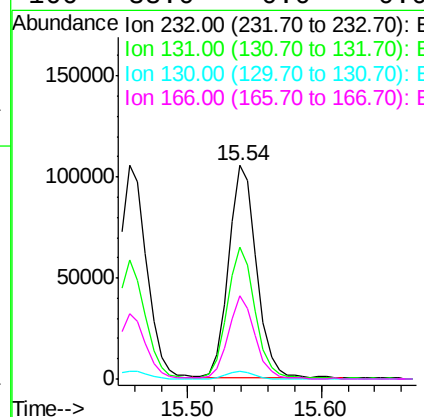
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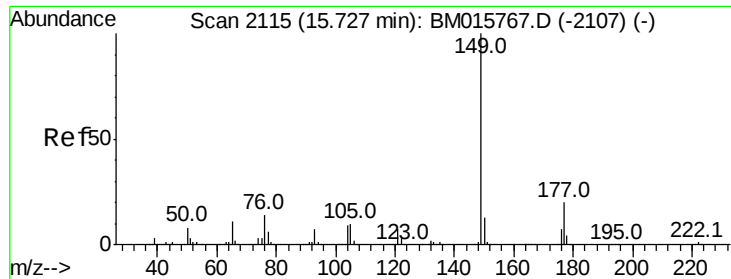
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.707 ng
 RT: 15.54 min Scan# 2083
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	61.6	0.0	0.0#	
130	3.6	0.0	0.0#	
166	38.0	0.0	0.0#	





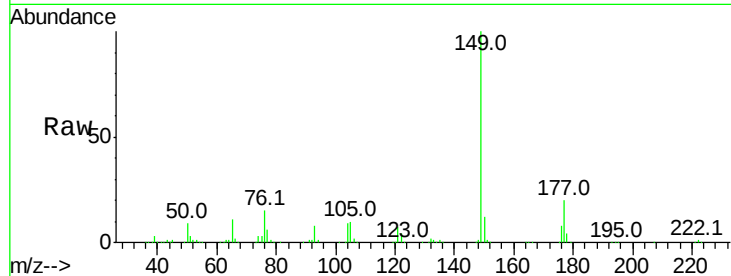
#59
Diethylphthalate
Concen: 36.123 ng
RT: 15.72 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

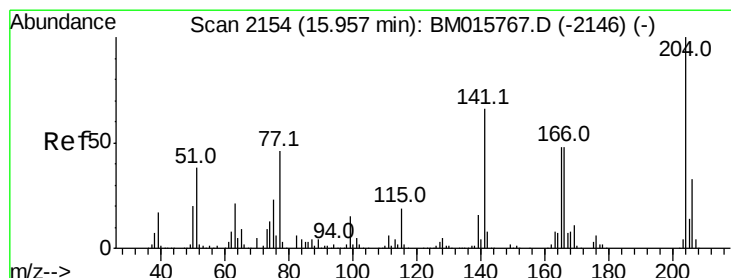
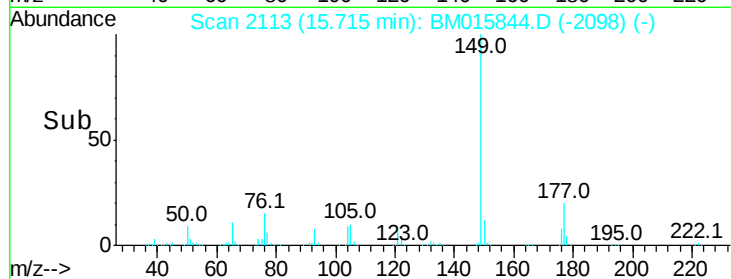
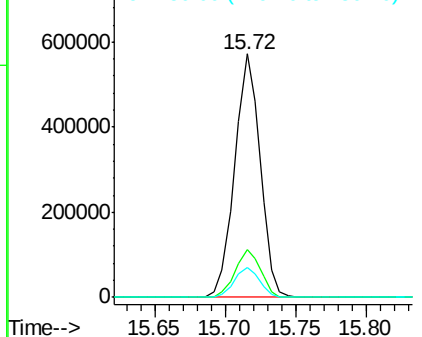
Tot Ion	Ratio	Resp	Lower	Upper
149	100	717360		
177	19.6	18.3	27.5	
150	12.3	9.8	14.8	

Manual Integrations
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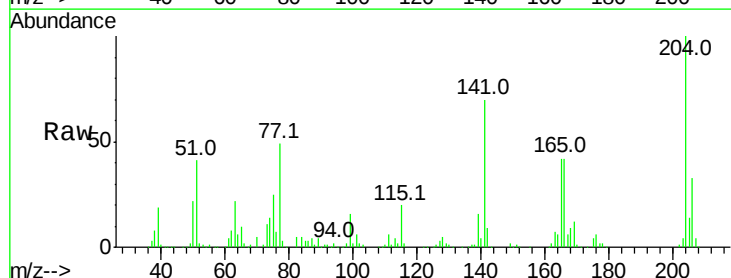


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

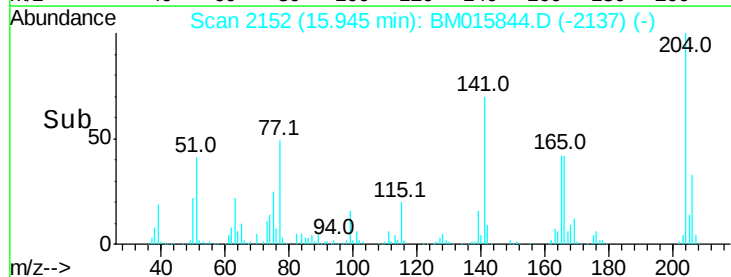
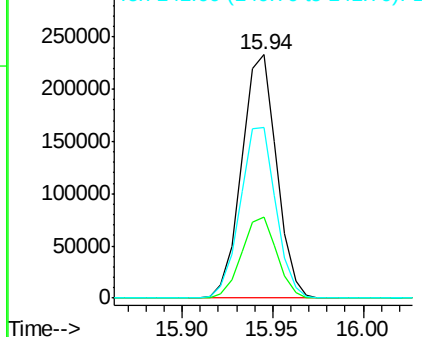


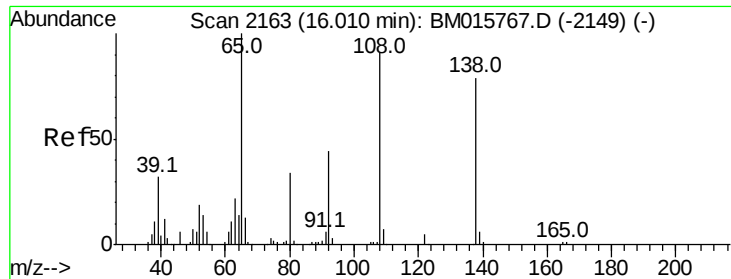
#60
4-Chlorophenyl-phenylether
Concen: 34.741 ng
RT: 15.94 min Scan# 2152
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	312341		
206	33.4	26.6	39.8	
141	70.3	45.2	67.8	



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





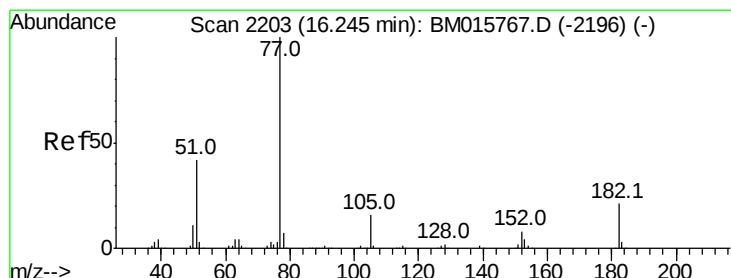
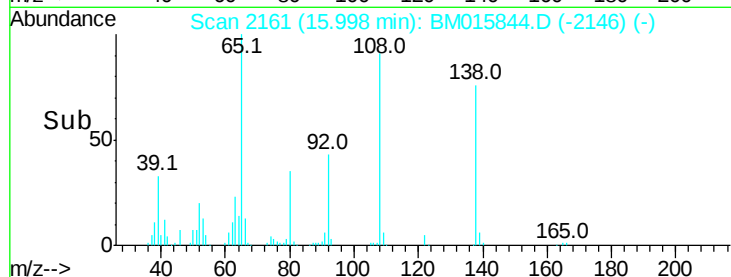
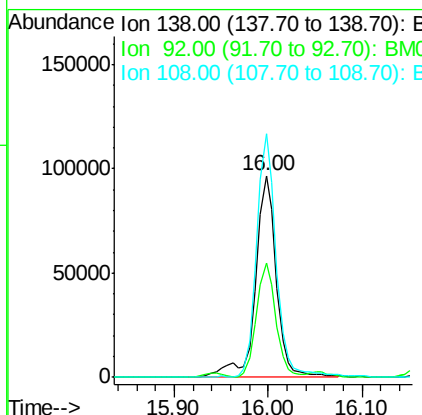
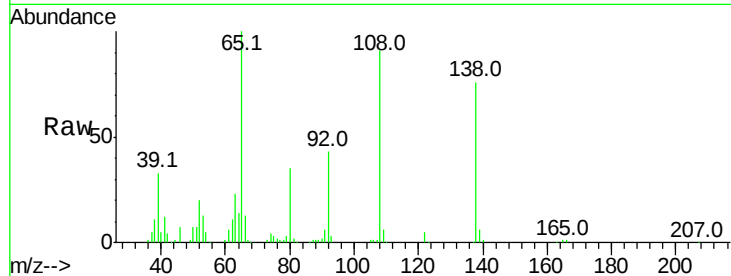
#61
4-Nitroaniline
Concen: 36.639 ng
RT: 16.00 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.9	16.7	56.7#
108	120.7	37.6	77.6#

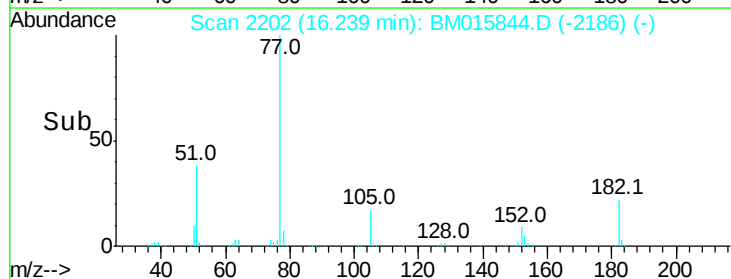
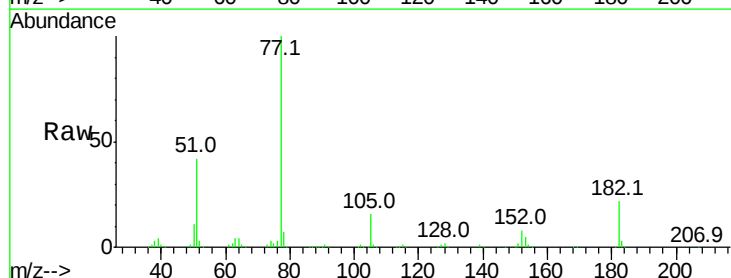
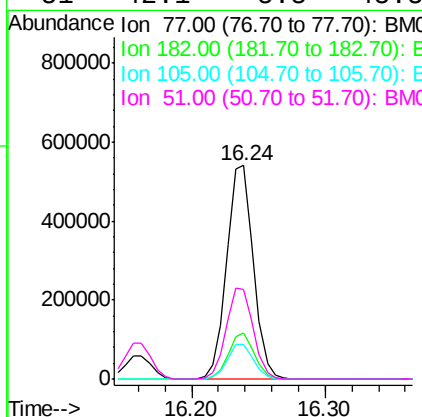
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#62
Azobenzene
Concen: 40.630 ng
RT: 16.24 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.8	6.5	46.5
105	16.4	3.8	43.8
51	42.1	5.5	45.5





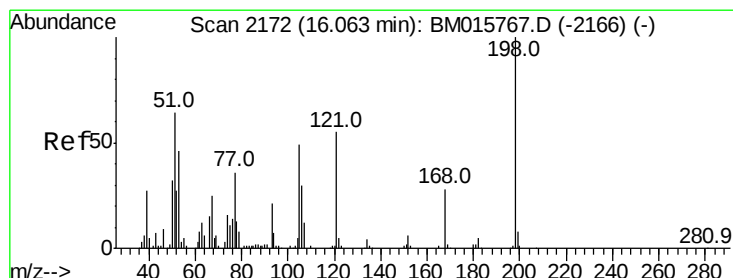
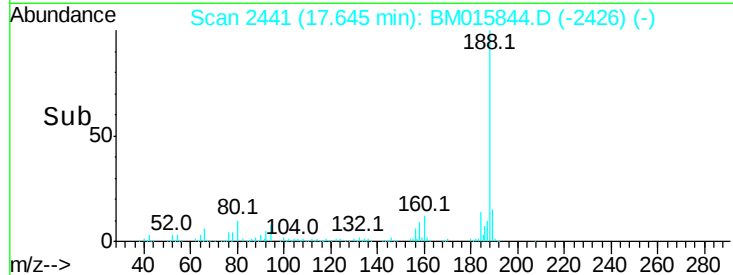
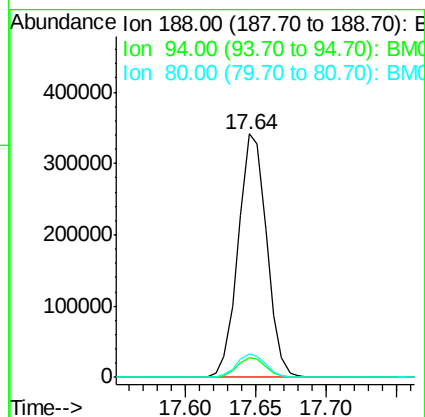
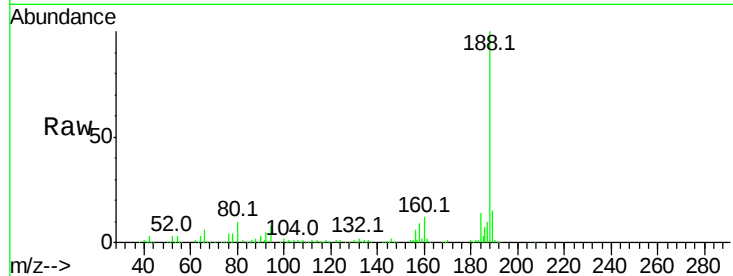
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.64 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.3	8.7	13.1#
80	9.7	9.3	13.9

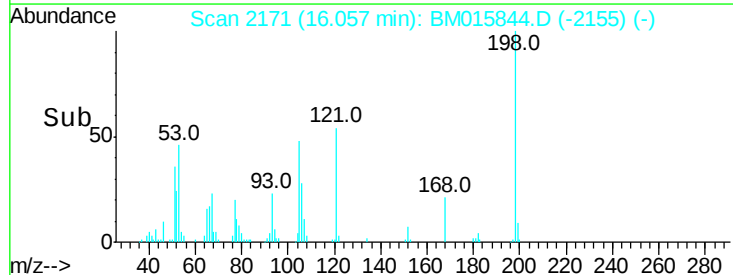
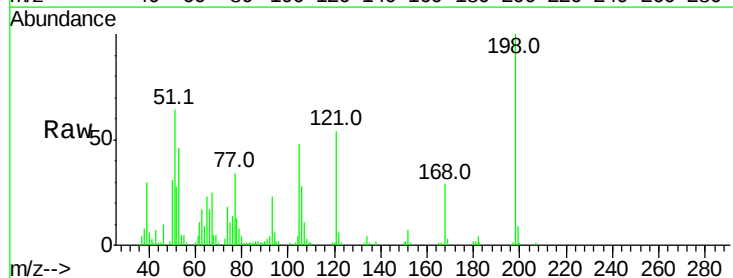
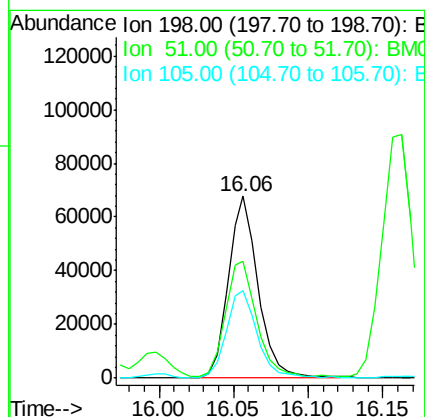
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.336 ng
RT: 16.06 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	64.3	28.8	68.8
105	48.1	30.5	70.5





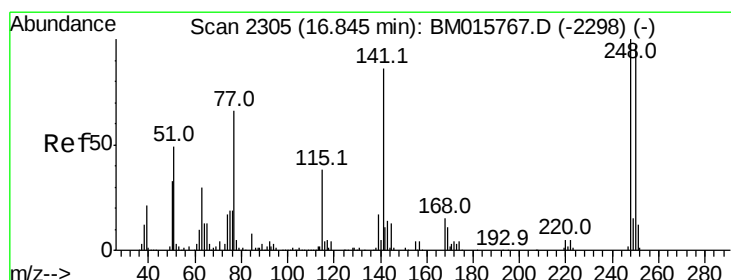
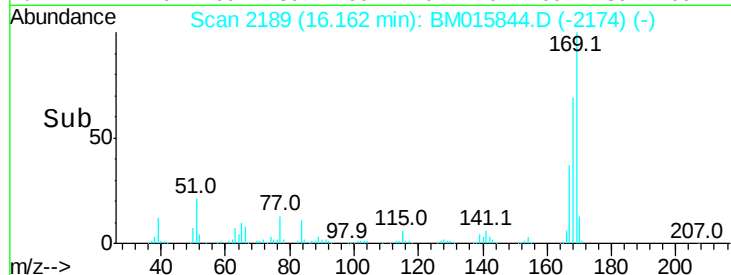
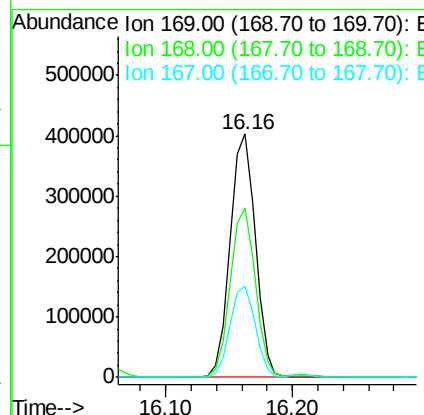
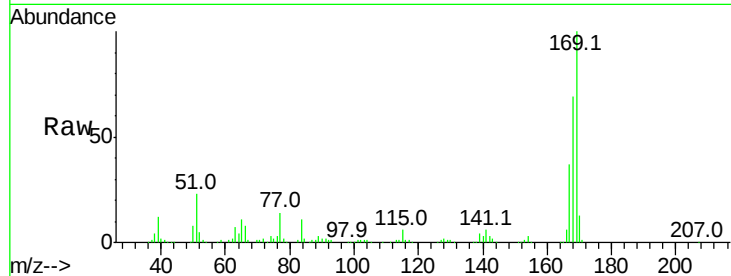
#65
n-Nitrosodiphenylamine
Concen: 33.605 ng
RT: 16.16 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	69.4	53.9	80.9	
167	37.3	28.9	43.3	

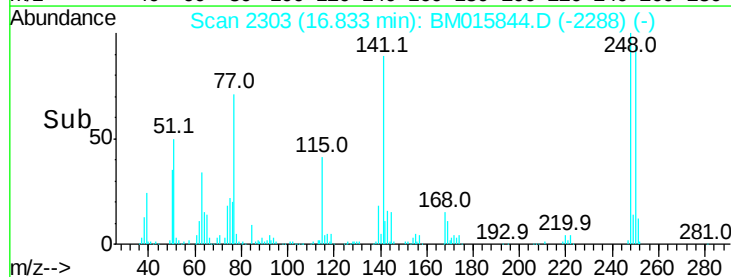
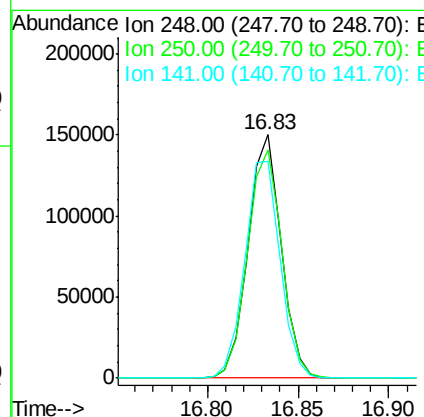
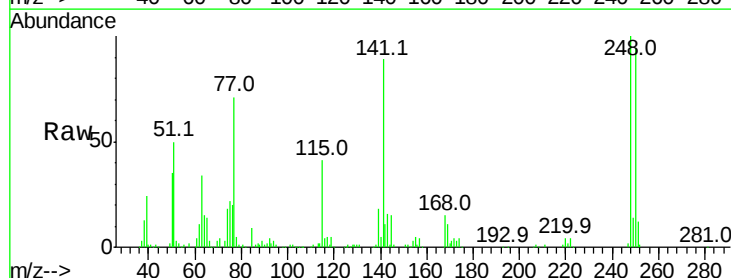
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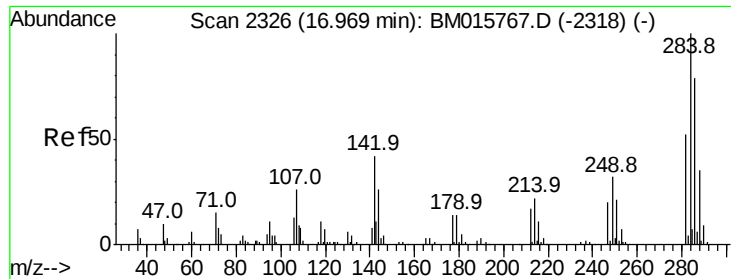
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#66
4-Bromophenyl-phenylether
Concen: 35.412 ng
RT: 16.83 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	93.7	77.4	116.0	
141	89.2	45.2	67.8	





#67

Hexachlorobenzene

Concen: 34.731 ng

RT: 16.96 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

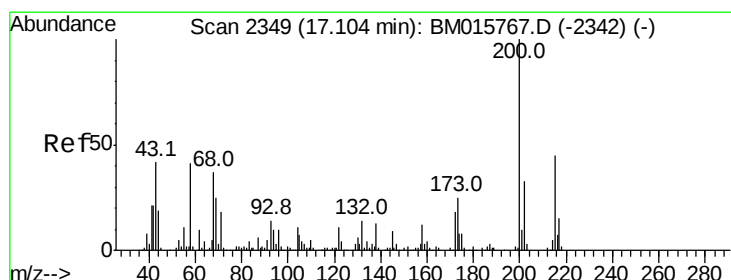
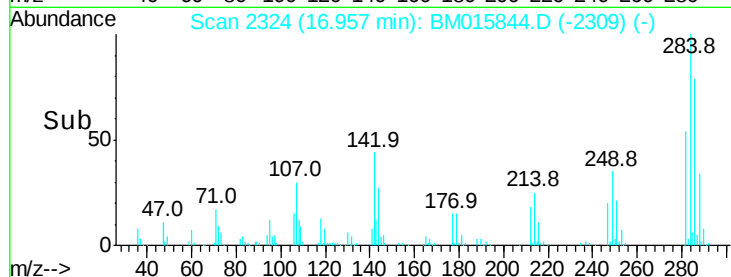
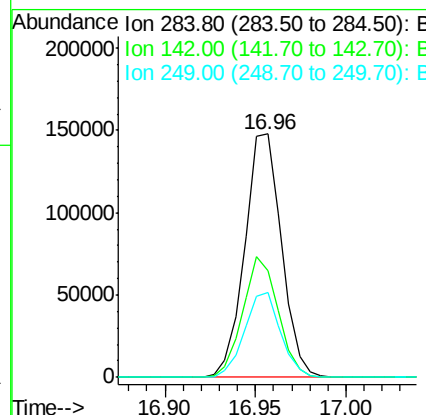
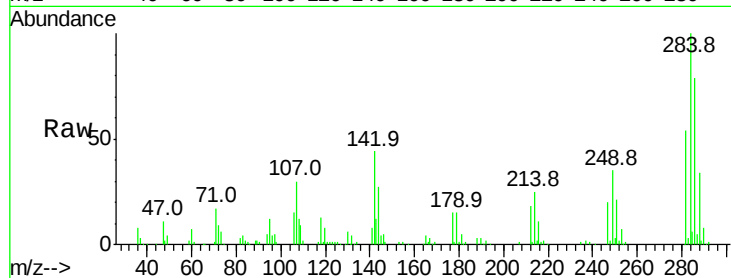
ClientSampleId :

PB110833BS

Tot Ion:	284	Resp:	208464
Ion Ratio	Lower	Upper	
284	100		
142	44.0	20.4	30.6#
249	34.7	23.8	35.6

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#68

Atrazine

Concen: 38.290 ng

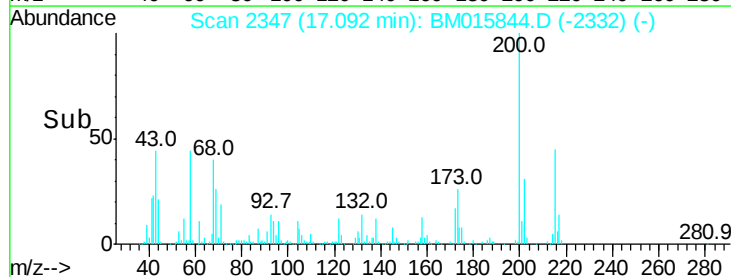
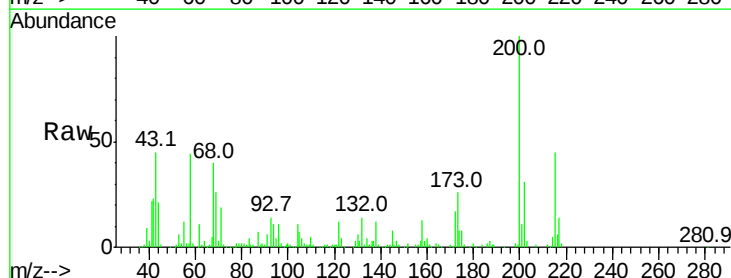
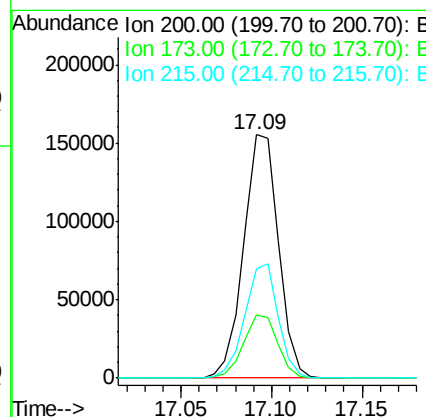
RT: 17.09 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion:	200	Resp:	207614
Ion Ratio	Lower	Upper	
200	100		
173	26.0	4.8	44.8
215	44.6	26.9	66.9





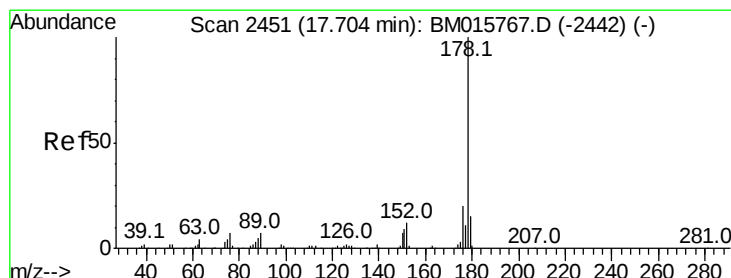
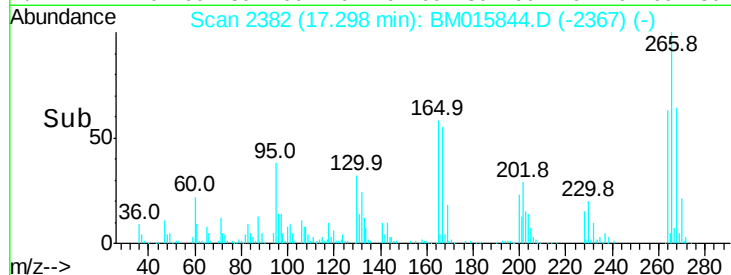
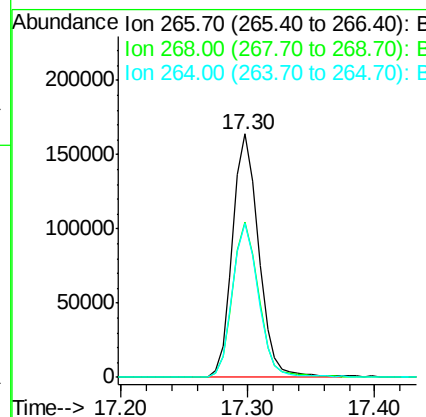
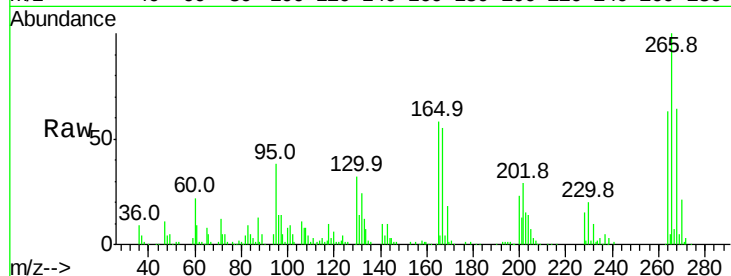
#69
 Pentachlorophenol
 Concen: 63.438 ng
 RT: 17.30 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	235610		
268	64.0	52.0	78.0	
264	63.3	49.0	73.4	

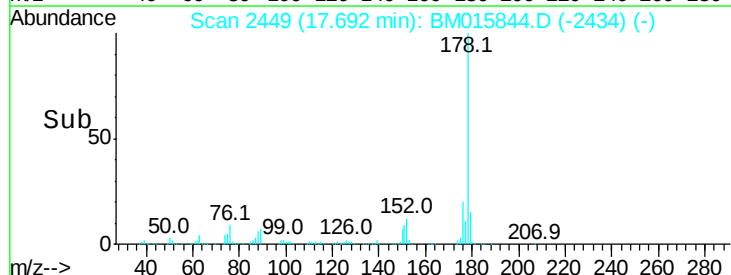
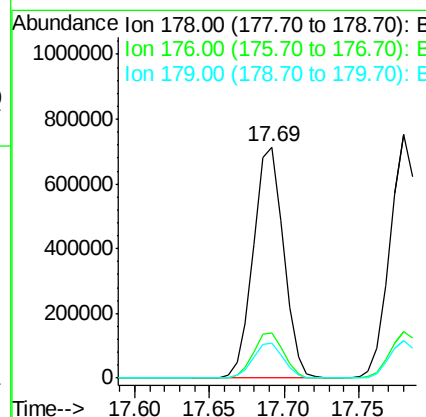
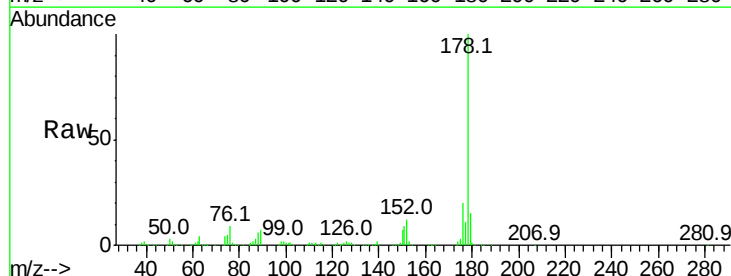
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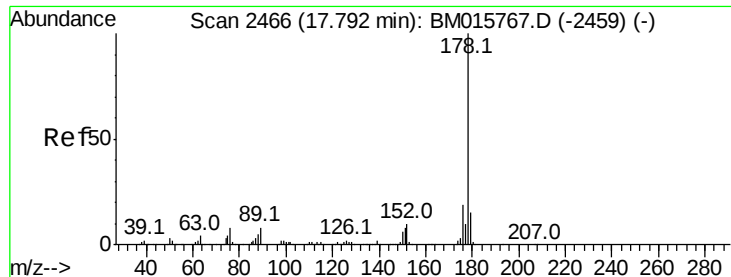
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#70
 Phenanthrene
 Concen: 36.333 ng
 RT: 17.69 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	999981		
176	19.8	15.2	22.8	
179	14.9	12.1	18.1	





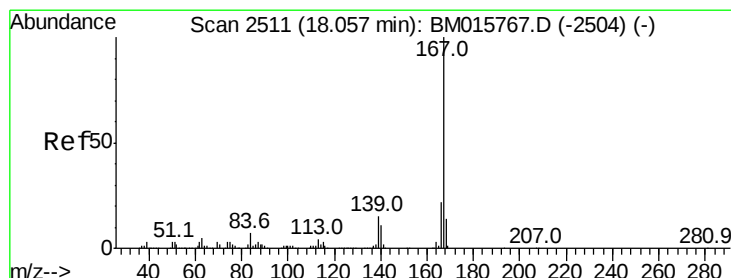
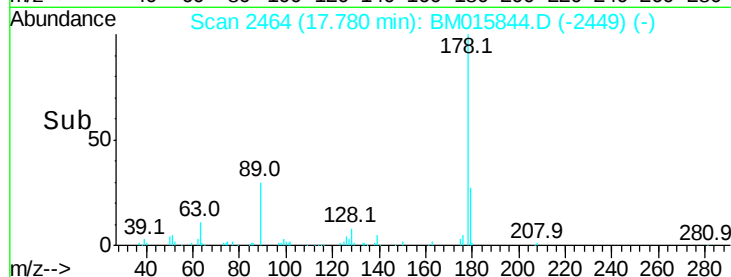
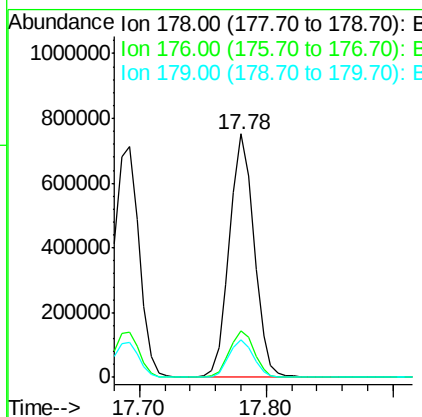
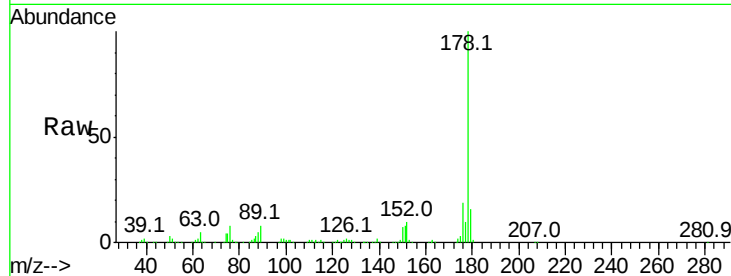
#71
 Anthracene
 Concen: 37.476 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	22.0
179	15.5	12.6	19.0

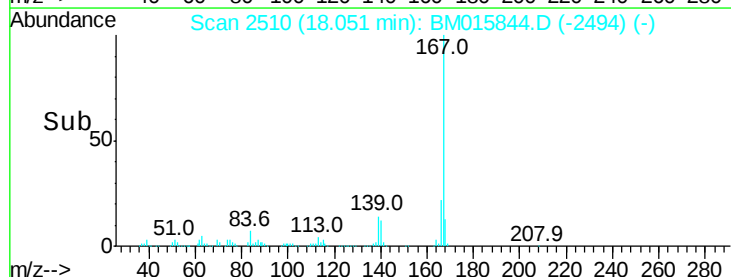
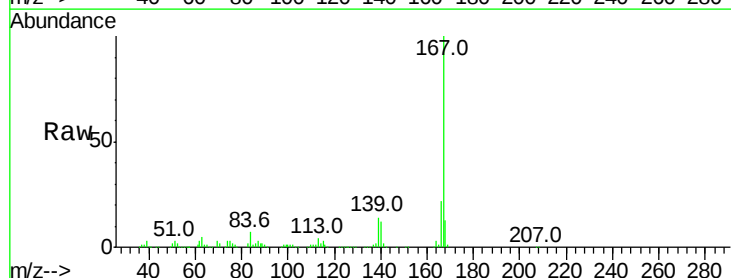
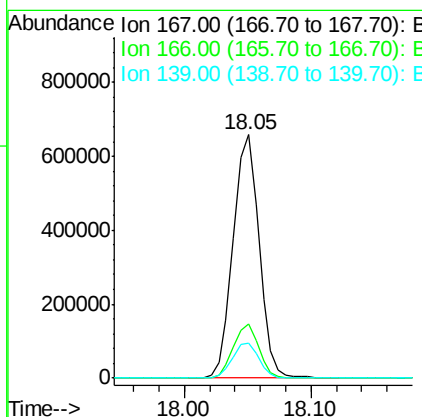
Manual Integrations
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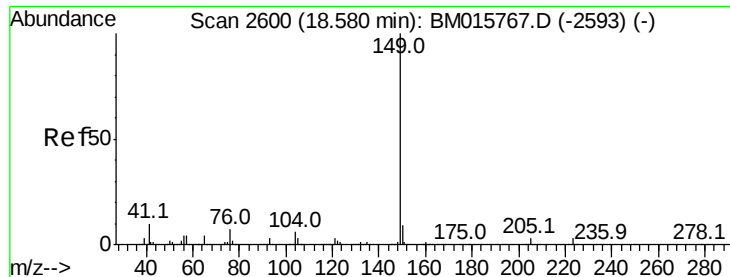
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#72
 Carbazole
 Concen: 37.100 ng
 RT: 18.05 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	14.4	10.8	16.2





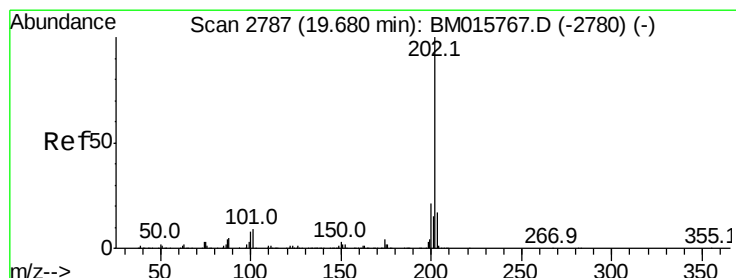
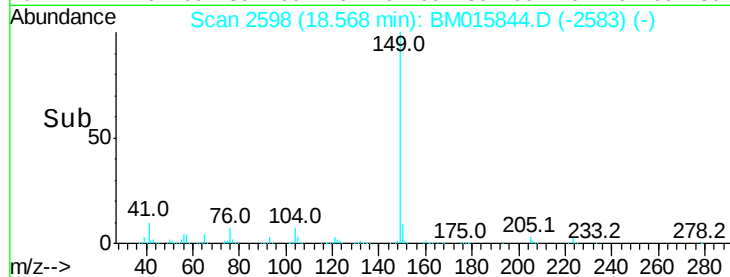
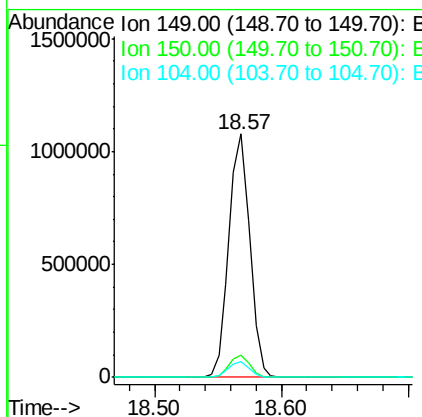
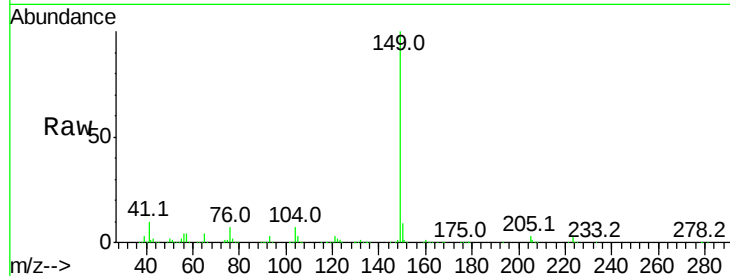
#73
Di-n-butylphthalate
Concen: 36.215 ng
RT: 18.57 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	6.7	3.7	5.5

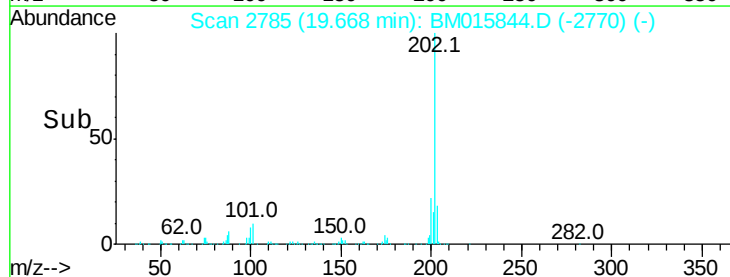
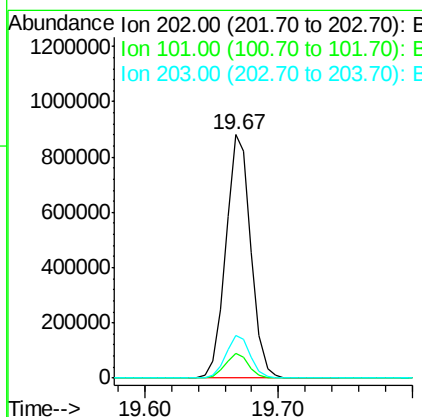
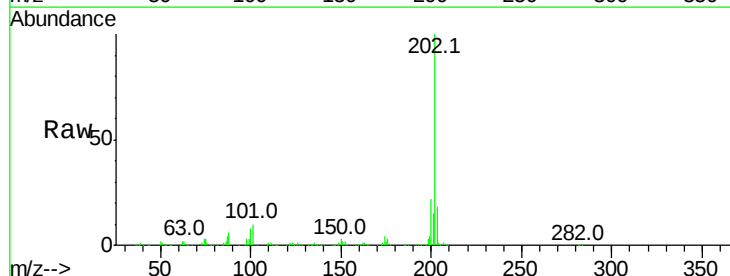
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#74
Fluoranthene
Concen: 36.593 ng
RT: 19.67 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	28.7
203	17.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

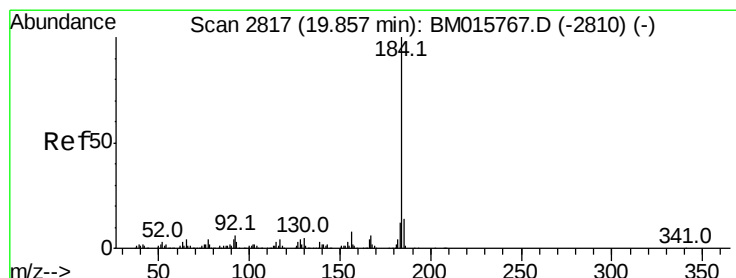
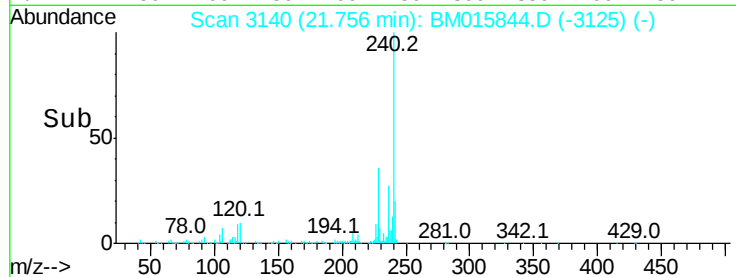
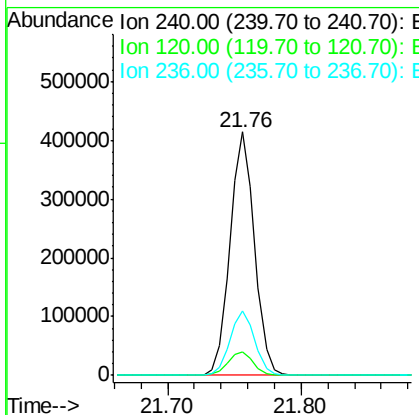
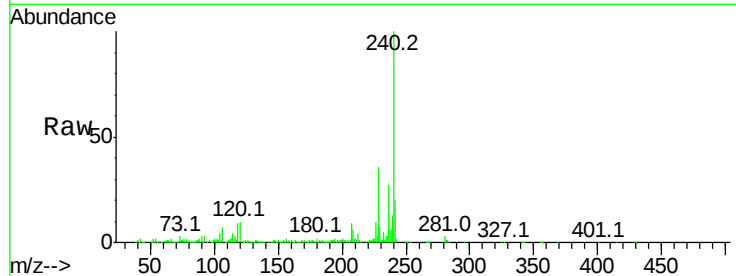
ClientSampled :

PB110833BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	529048		
120	9.6	8.2	12.2	
236	26.7	20.0	30.0	

Manual Integrations
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#76

Benzidine

Concen: 23.027 ng

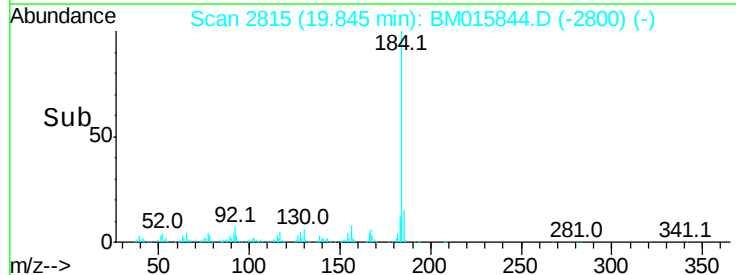
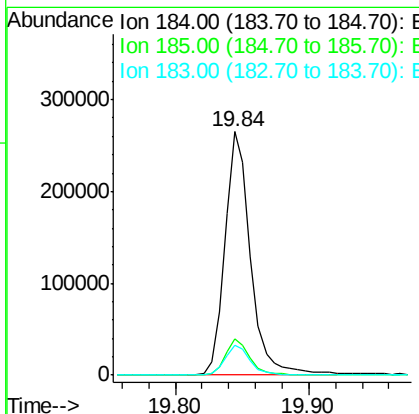
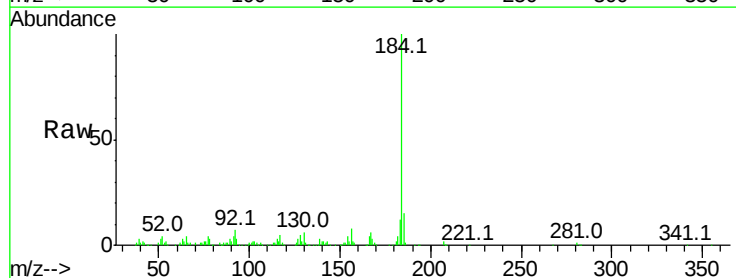
RT: 19.84 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	356934		
185	14.9	11.3	16.9	
183	12.3	8.9	13.3	





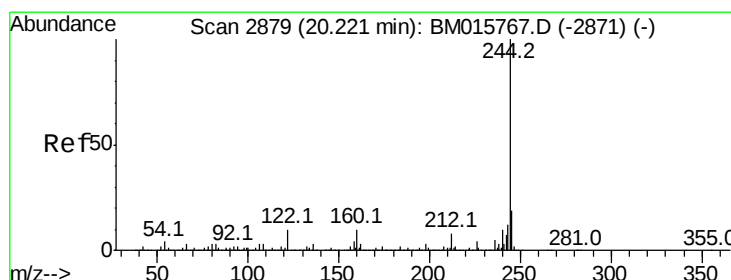
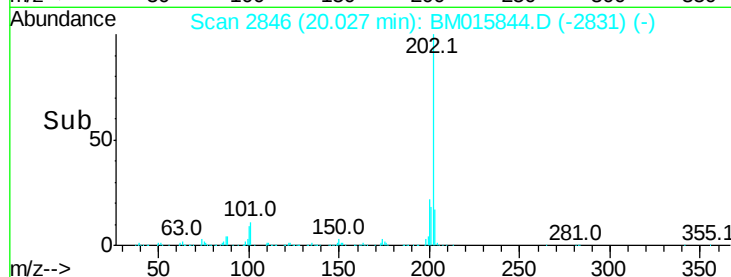
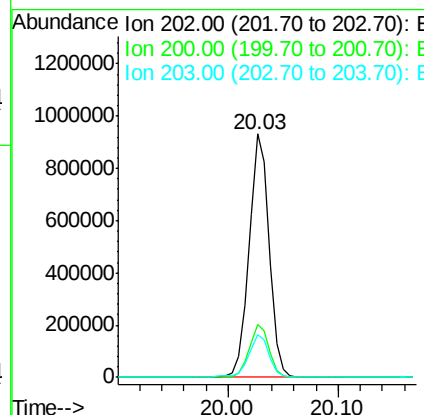
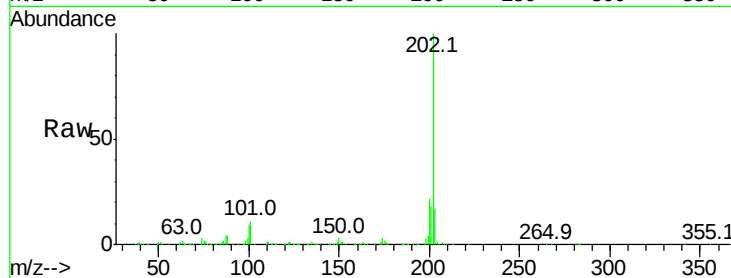
#77
Pvrene
Concen: 35.945 ng
RT: 20.03 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	17.4	14.1	21.1

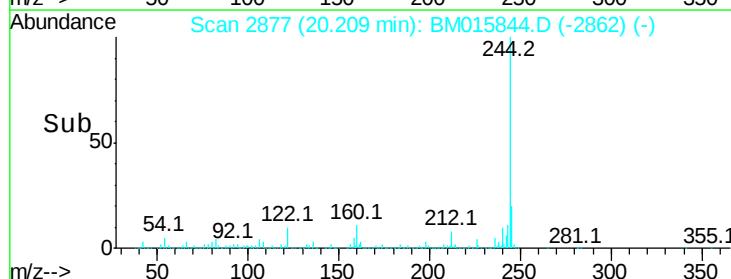
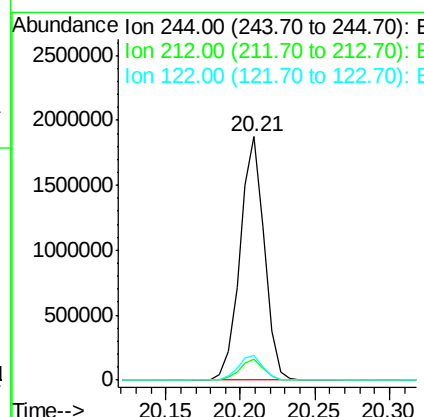
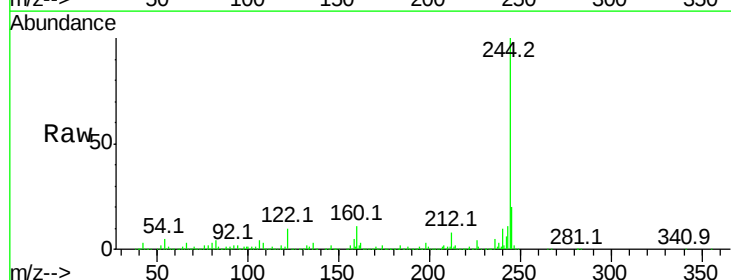
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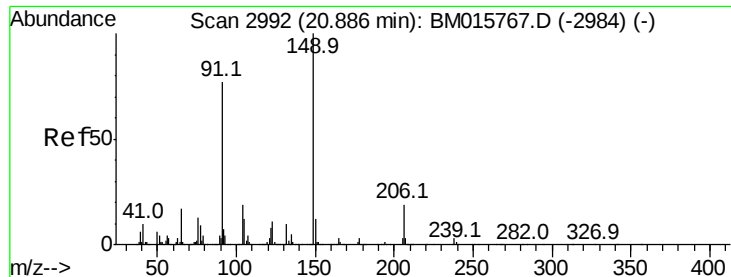
Sohil
7/10/2018 2:50:02 PM



#78
Terphenyl-d14
Concen: 35.945 ng
RT: 20.21 min Scan# 2877
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	10.1	6.2	9.4#





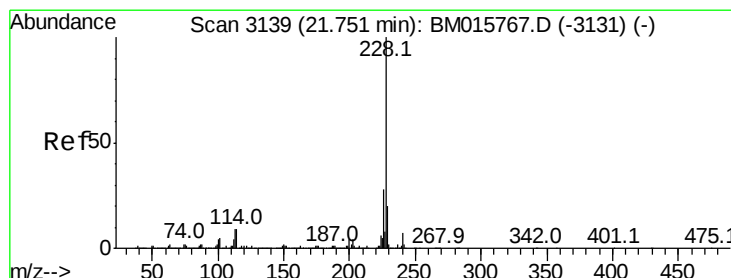
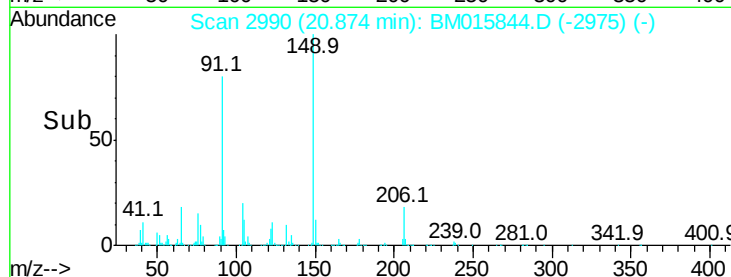
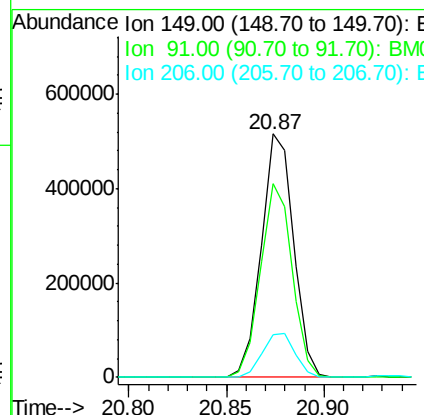
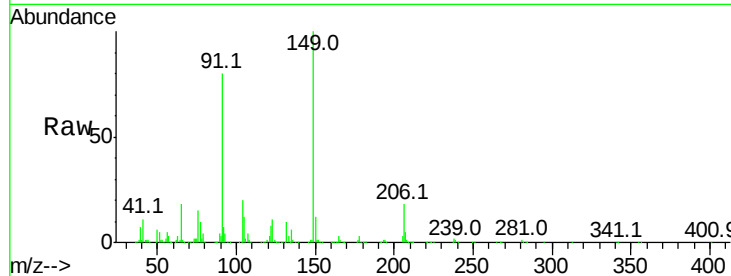
#79
Butylbenzylphthalate
Concen: 36.959 ng
RT: 20.87 min Scan# 2990
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.7	50.1	75.1#
206	17.5	16.2	24.2

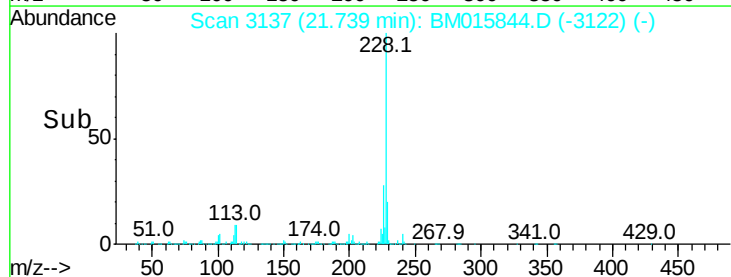
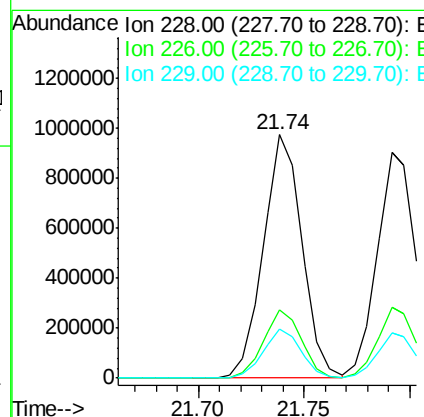
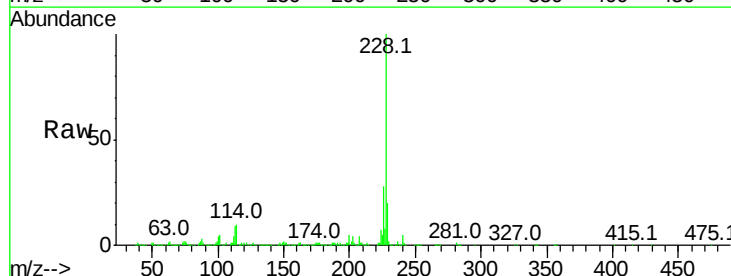
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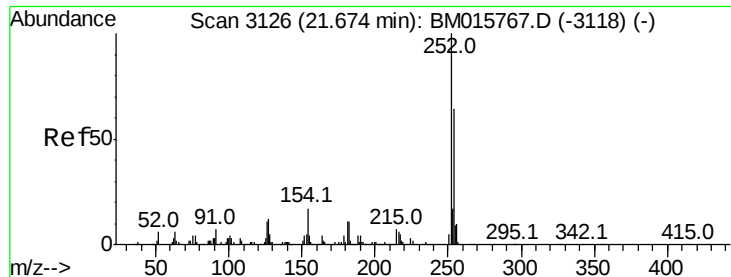
Sohil
7/10/2018 2:50:02 PM



#80
Benzo(a)anthracene
Concen: 37.063 ng
RT: 21.74 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	20.0	16.0	24.0





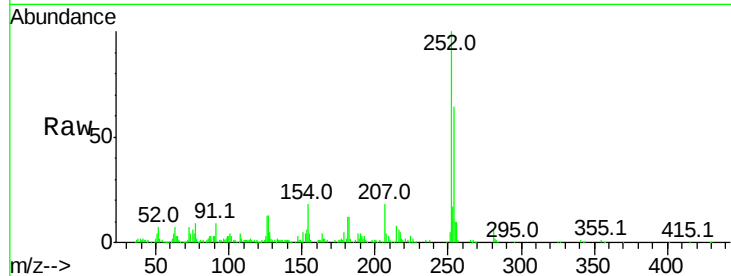
#81
 3,3'-Dichlorobenzidine
 Concen: 18.203 ng
 RT: 21.66 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

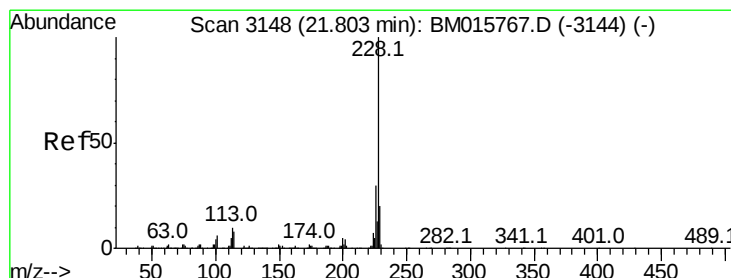
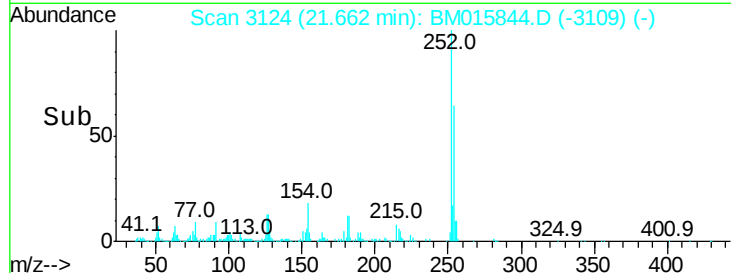
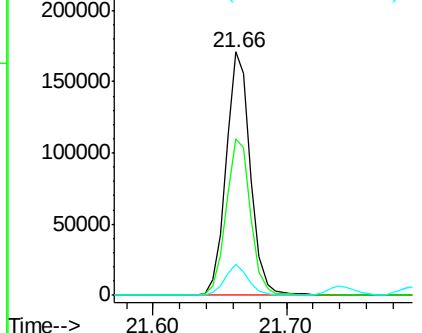
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.9	77.9
126	12.8	9.8	14.8

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 7/10/2018 2:50:02 PM

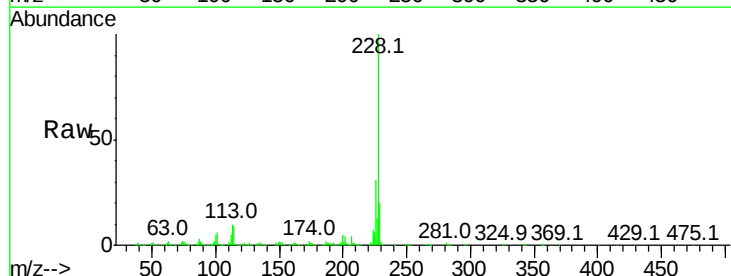


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

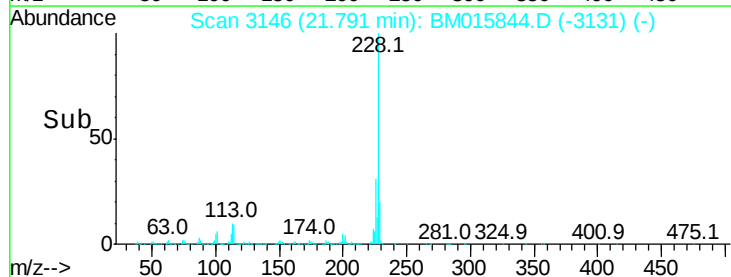
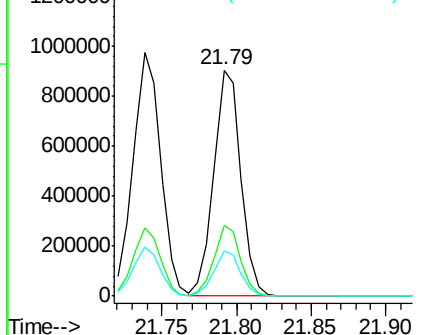


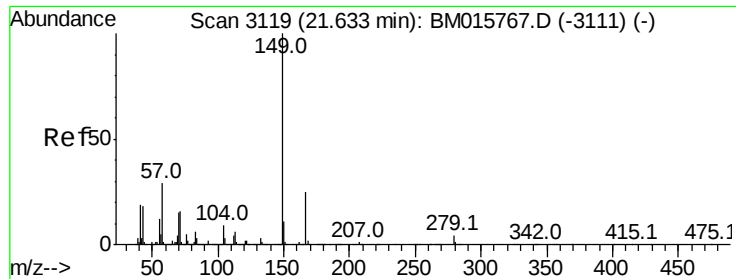
#82
 Chrysene
 Concen: 36.708 ng
 RT: 21.79 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	20.2	15.5	23.3



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





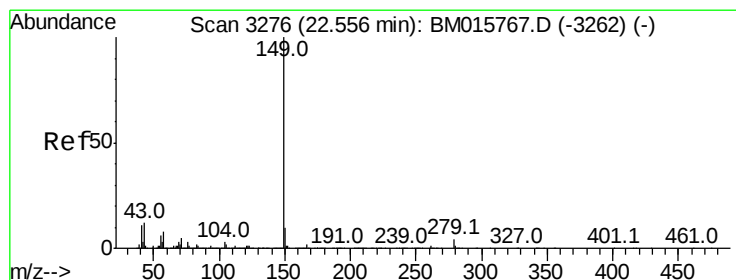
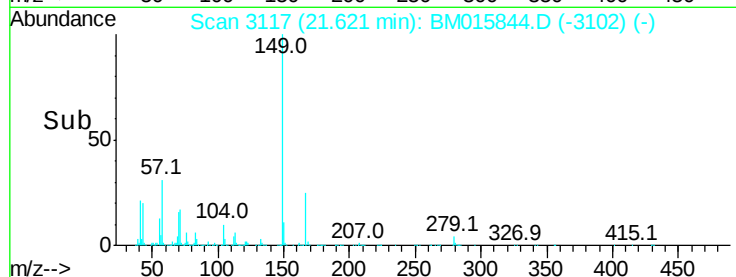
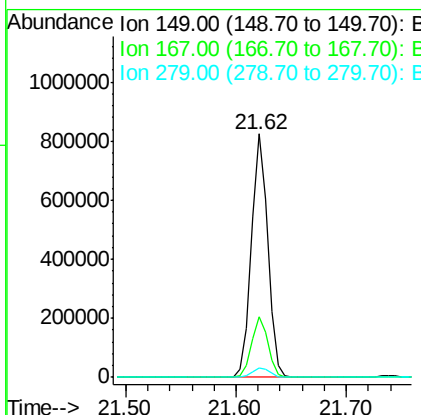
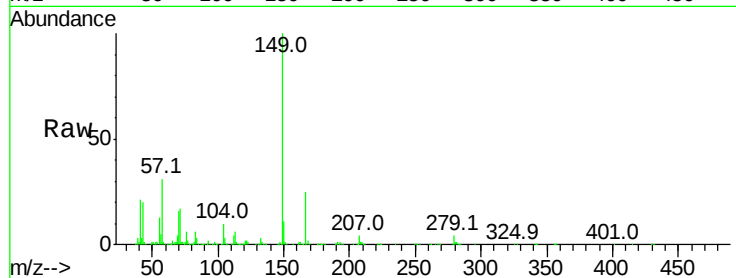
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.642 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.4	33.6
279	3.7	3.4	5.0

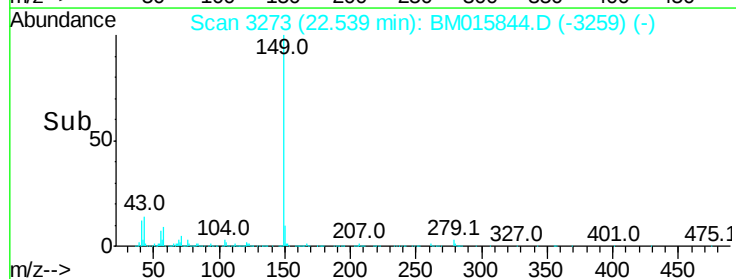
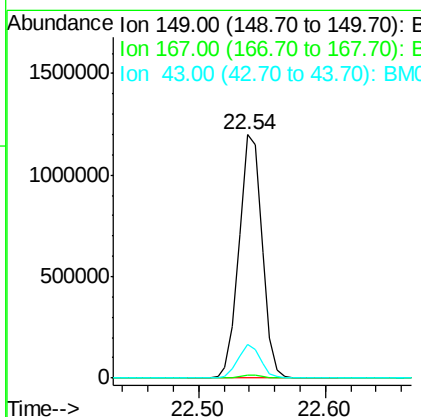
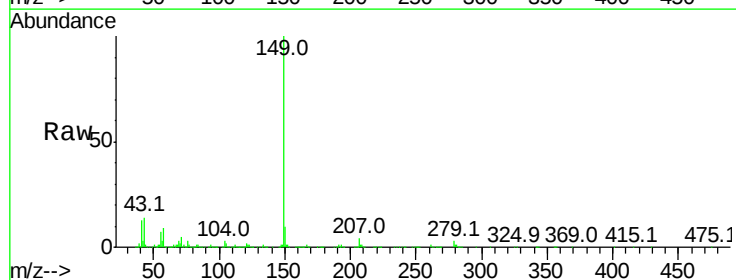
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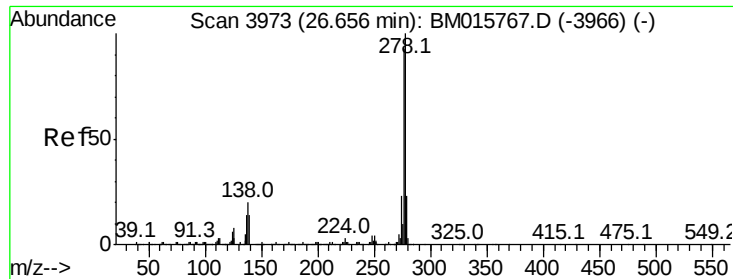
Sohil
 7/10/2018 2:50:02 PM



#84
 Di-n-octyl phthalate
 Concen: 39.030 ng
 RT: 22.54 min Scan# 3273
 Delta R.T. -0.02 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	13.2	7.3	10.9#





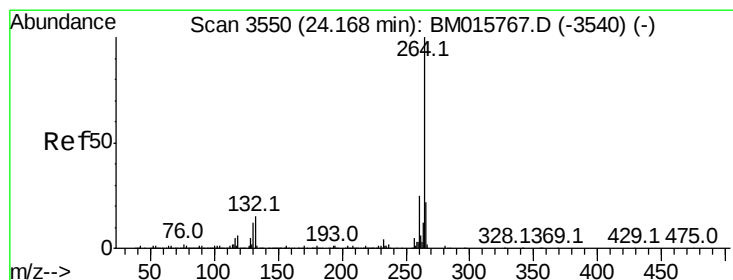
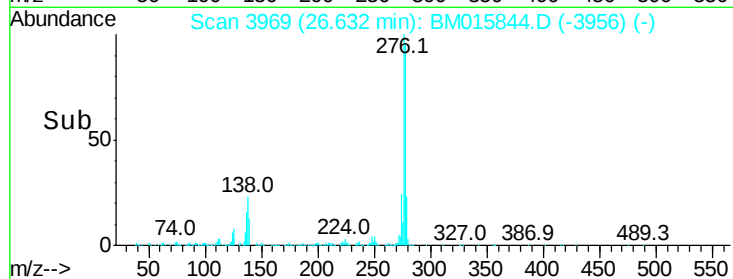
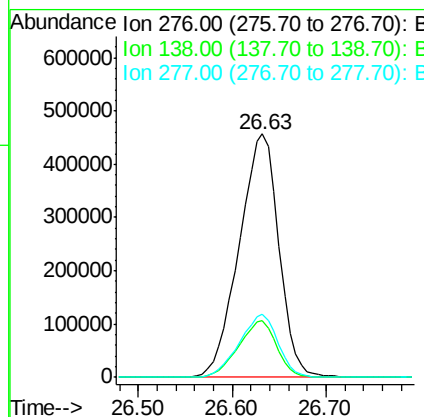
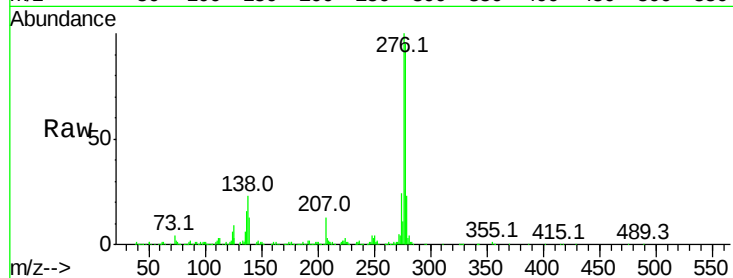
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.809 ng
RT: 26.63 min Scan# 3969
Delta R.T. -0.02 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Instrument :
BNA_M
ClientSampleId :
PB110833BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	12.0	18.0#
277	25.5	20.0	30.0

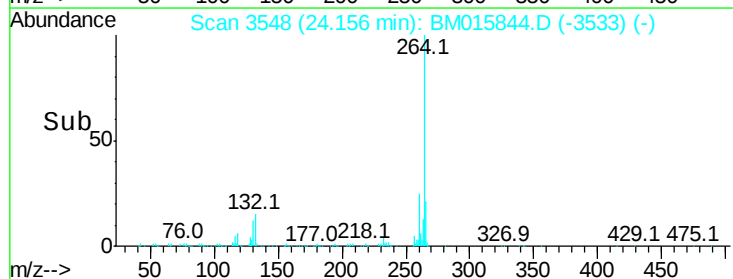
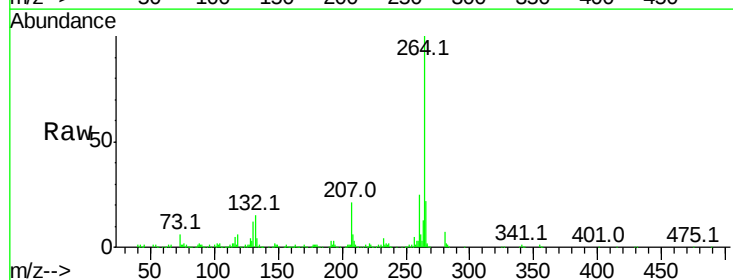
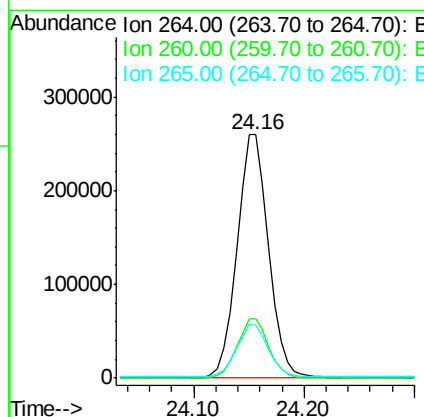
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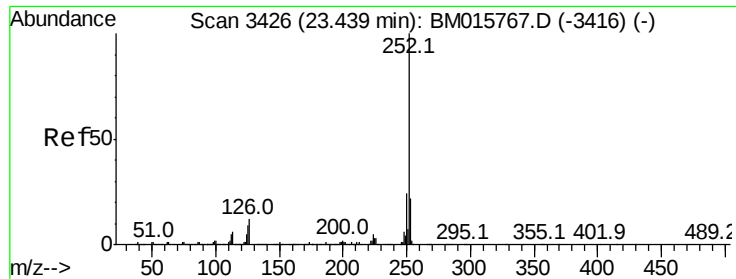
Sohil
7/10/2018 2:50:02 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM015844.D
Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 35.283 ng

RT: 23.43 min Scan# 3424

Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

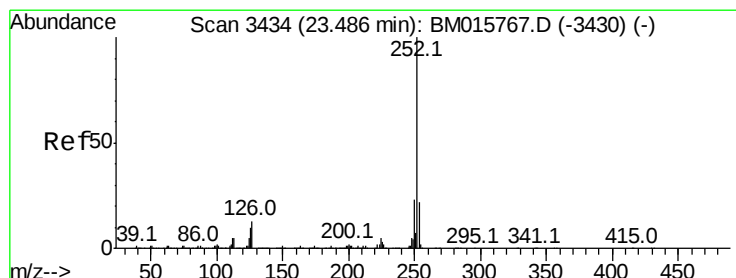
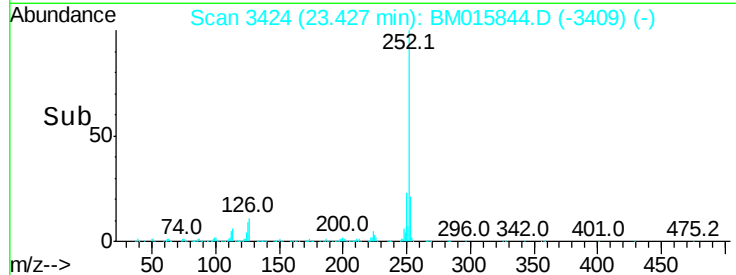
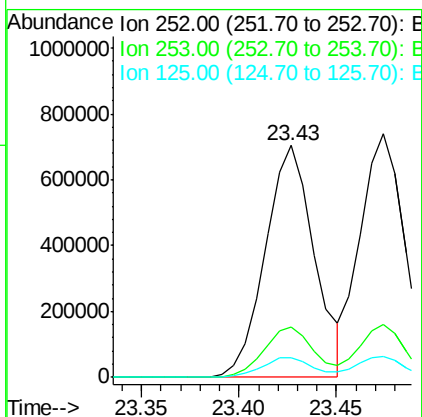
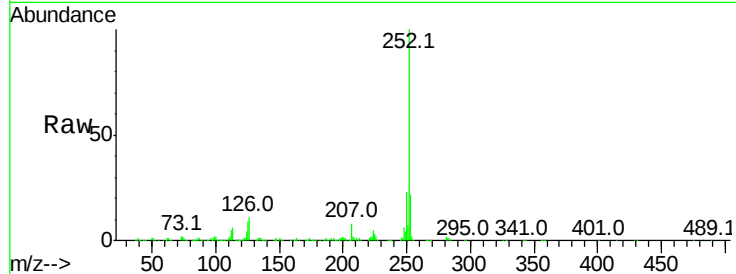
Instrument :
BNA_M

ClientSampleId :
PB110833BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	8.6	9.9	14.9

Manual Integrations
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7/10/2018 2:50:02 PM



#88

Benzo(k)fluoranthene

Concen: 34.623 ng

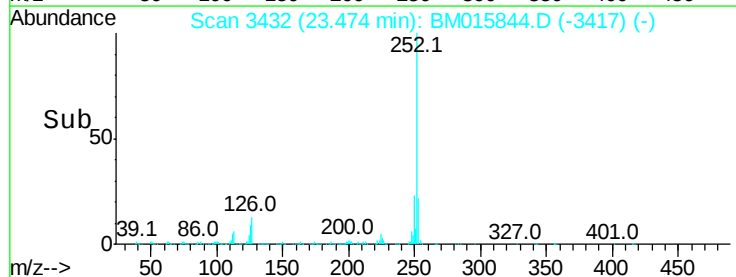
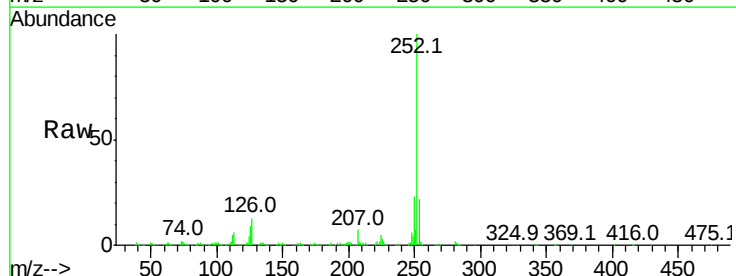
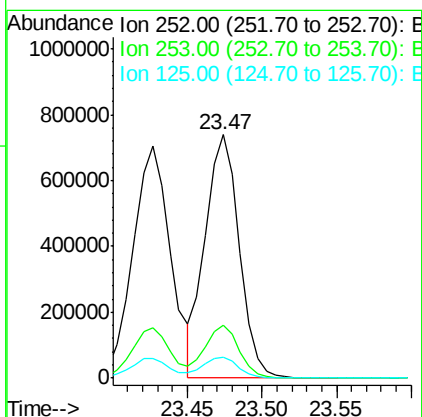
RT: 23.47 min Scan# 3432

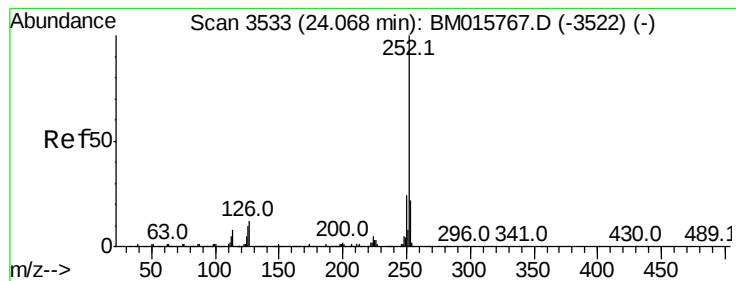
Delta R.T. -0.01 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	8.7	8.1	12.1





#89

Benzo(a)pyrene

Concen: 37.640 ng

RT: 24.05 min Scan# 3530

Delta R.T. -0.02 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

Instrument :

BNA_M

ClientSampleId :

PB110833BS

Tot Ion:252 Resp: 1152938

Ion Ratio Lower Upper

252 100

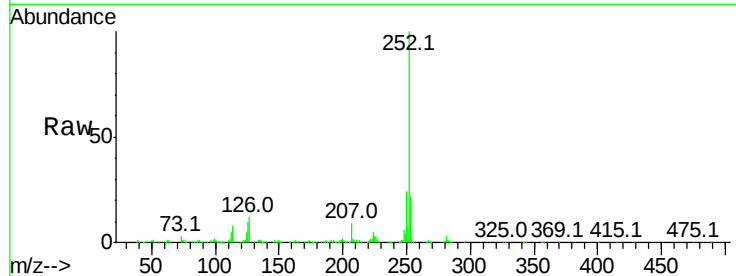
253 21.6 17.6 26.4

125 9.8 7.4 11.2

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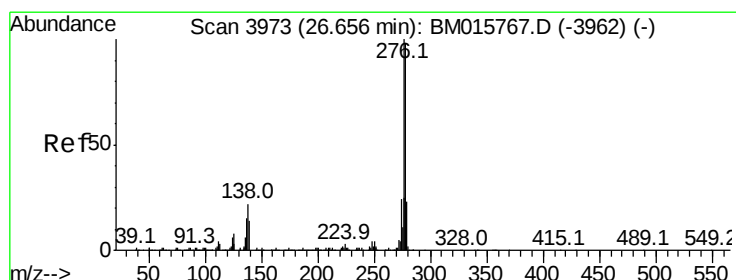
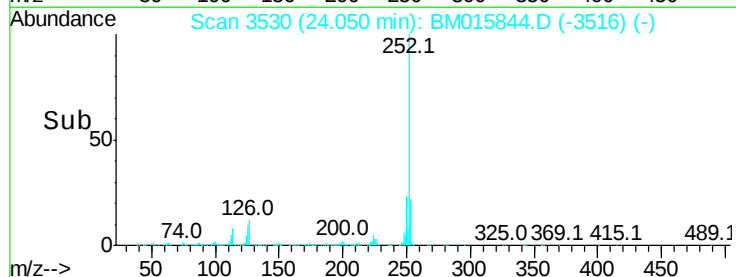
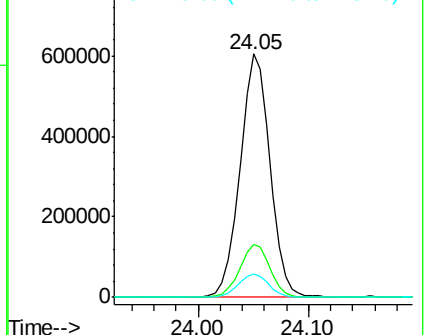


Abundance

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



#90

Dibenzo(a,h)anthracene

Concen: 41.297 ng

RT: 26.63 min Scan# 3969

Delta R.T. -0.02 min

Lab File: BM015844.D

Acq: 09 Jul 2018 15:45

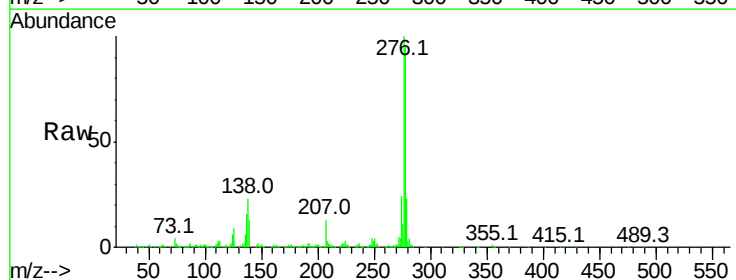
Tgt Ion:278 Resp: 1138118

Ion Ratio Lower Upper

278 100

139 14.2 13.4 20.0

279 23.9 19.0 28.4

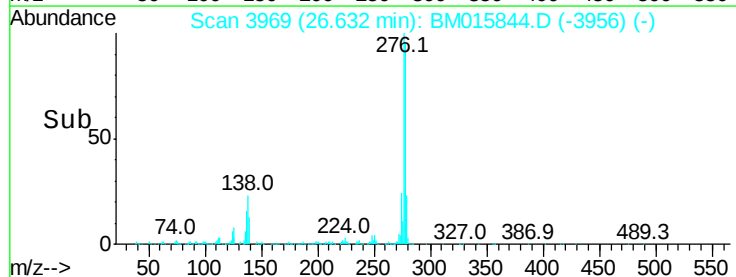
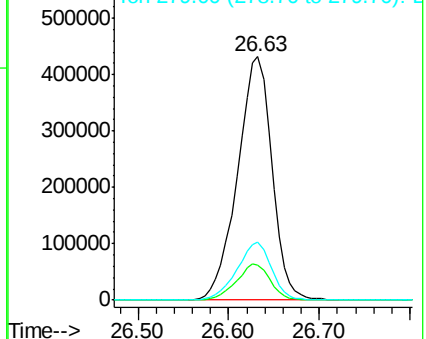


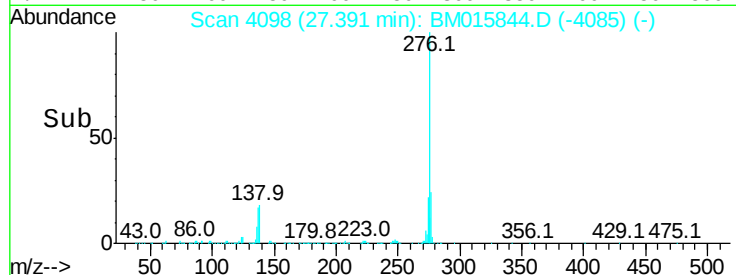
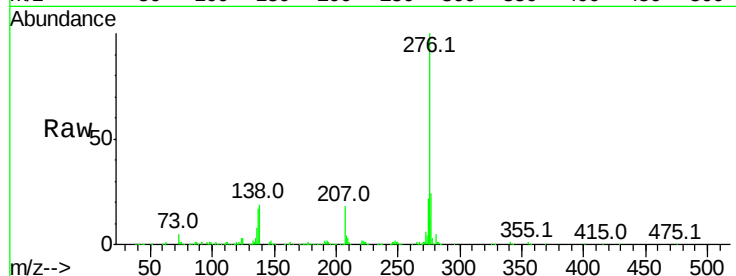
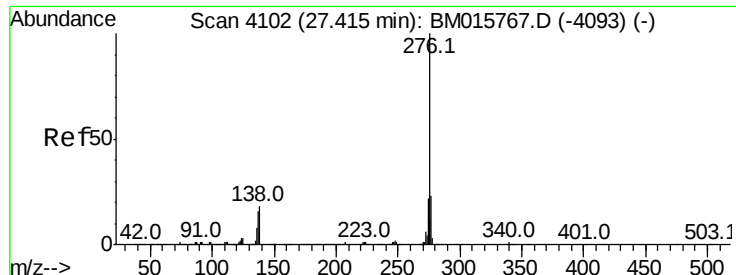
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 42.841 ng
 RT: 27.39 min Scan# 4098
 Delta R.T. -0.02 min
 Lab File: BM015844.D
 Acq: 09 Jul 2018 15:45

Instrument :
 BNA_M
 ClientSampleId :
 PB110833BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.5	27.7
138	18.5	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 7/10/2018 2:50:02 PM

