

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020918\
 Data File : BM014215.D
 Acq On : 09 Feb 2018 14:46
 Operator : SJ/JU
 Sample : PB106423BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:30:42 AM

Quant Time: Feb 12 09:53:24 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	113197	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	540324	20.00	ng	0.00
38) Acenaphthene-d10	14.19	164	348765	20.00	ng	0.00
63) Phenanthrene-d10	16.95	188	762274	20.00	ng	0.00
75) Chrysene-d12	21.16	240	583226	20.00	ng	0.00
86) Perylene-d12	23.33	264	470267	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	729585	112.34	ng	0.00
7) Phenol-d6	6.74	99	962496	104.64	ng	0.00
23) Nitrobenzene-d5	8.70	82	731898	60.50	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	424769	85.83	ng	0.00
44) 2-Fluorobiphenyl	12.80	172	1778599	63.66	ng	0.00
78) Terphenyl-d14	19.60	244	2243943	75.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	69553	26.062	ng	# 100
3) Pyridine	3.52	79	204882	27.724	ng	# 87
4) n-Nitrosodimethylamine	3.45	42	157491	33.454	ng	# 53
6) Aniline	6.89	93	216463	18.460	ng	91
8) 2-Chlorophenol	7.11	128	257582	34.896	ng	93
9) Benzaldehyde	6.70	77	69572	10.510	ng	94
10) Phenol	6.76	94	332415	36.608	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	218174	30.396	ng	93
12) 1,3-Dichlorobenzene	7.43	146	264941	28.716	ng	# 89
13) 1,4-Dichlorobenzene	7.57	146	274507	29.615	ng	# 93
14) 1,2-Dichlorobenzene	7.89	146	265449	28.458	ng	95
15) Benzyl Alcohol	7.79	79	267891	31.433	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.07	45	219608	30.079	ng	82
17) 2-Methylphenol	7.99	107	225738	32.482	ng	# 84
18) Hexachloroethane	8.59	117	116297	29.027	ng	92
19) n-Nitroso-di-n-propylamine	8.35	70	225872	28.506	ng	94
20) 3+4-Methylphenols	8.32	107	296724	29.481	ng	87
22) Acetophenone	8.37	105	433397	27.896	ng	# 89
24) Nitrobenzene	8.74	77	359694	28.880	ng	94
25) Isophorone	9.26	82	589762	29.430	ng	# 92
26) 2-Nitrophenol	9.45	139	143902	30.628	ng	# 48
27) 2,4-Dimethylphenol	9.51	122	262191	36.614	ng	# 82
28) bis(2-Chloroethoxy)methane	9.75	93	334534	32.552	ng	99
29) 2,4-Dichlorophenol	9.97	162	272781	34.091	ng	95
30) 1,2,4-Trichlorobenzene	10.17	180	302968	28.722	ng	97
31) Naphthalene	10.36	128	880791	29.771	ng	100
32) Benzoic acid	9.68	122	128969	24.415	ng	# 86
33) 4-Chloroaniline	10.50	127	86724	7.052	ng	# 83
34) Hexachlorobutadiene	10.63	225	195484	27.016	ng	99
35) Caprolactam	11.29	113	69682m	24.352	ng	
36) 4-Chloro-3-methylphenol	11.63	107	310038	31.274	ng	84
37) 2-Methylnaphthalene	11.98	142	676797	30.376	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	381154	31.190	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	458161	65.210	ng	99

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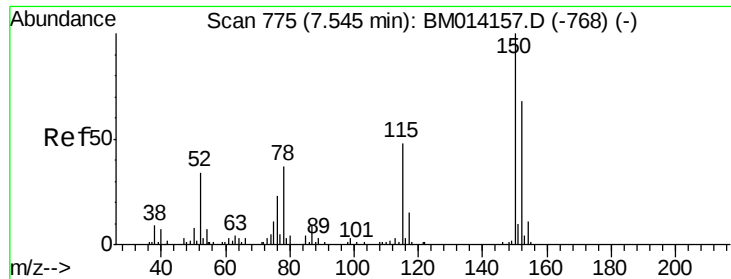
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	236866	32.994	ng	99
43) 2,4,5-Trichlorophenol	12.69	196	249294	31.452	ng	# 81
45) 1,1'-Biphenyl	13.02	154	925511	30.634	ng	99
46) 2-Chloronaphthalene	13.06	162	713449	31.110	ng	# 92
47) 2-Nitroaniline	13.29	65	235235	27.874	ng	# 78
48) Acenaphthylene	13.92	152	1110955	29.543	ng	98
49) Dimethylphthalate	13.67	163	884953	28.344	ng	# 98
50) 2,6-Dinitrotoluene	13.79	165	184457	28.791	ng	# 62
51) Acenaphthene	14.26	154	680465	29.356	ng	100
52) 3-Nitroaniline	14.13	138	79335	11.971	ng	# 73
53) 2,4-Dinitrophenol	14.34	184	156664	46.509	ng	85
54) Dibenzofuran	14.60	168	1112047	30.702	ng	# 87
55) 4-Nitrophenol	14.46	139	253212	50.521	ng	# 81
56) 2,4-Dinitrotoluene	14.59	165	268107	27.116	ng	# 82
57) Fluorene	15.25	166	934973	29.342	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.83	232	228607	29.275	ng	# 100
59) Diethylphthalate	15.04	149	934103	26.952	ng	99
60) 4-Chlorophenyl-phenylether	15.25	204	487456	29.429	ng	92
61) 4-Nitroaniline	15.30	138	154505	23.300	ng	# 31
62) Azobenzene	15.54	77	1040242	28.900	ng	84
64) 4,6-Dinitro-2-methylphenol	15.36	198	117583	25.477	ng	93
65) n-Nitrosodiphenylamine	15.47	169	785376	32.636	ng	97
66) 4-Bromophenyl-phenylether	16.14	248	286611	32.079	ng	# 81
67) Hexachlorobenzene	16.26	284	293914	29.964	ng	# 76
68) Atrazine	16.44	200	273249	30.274	ng	99
69) Pentachlorophenol	16.61	266	318884	49.881	ng	96
70) Phenanthrene	17.00	178	1396986	30.380	ng	99
71) Anthracene	17.09	178	1397709	31.195	ng	99
72) Carbazole	17.37	167	1149575	27.295	ng	99
73) Di-n-butylphthalate	17.93	149	1459624	27.081	ng	# 97
74) Fluoranthene	19.02	202	1438394	26.570	ng	99
76) Benzidine	19.23	184	418295	24.083	ng	99
77) Pyrene	19.39	202	1438456	35.502	ng	98
79) Butylbenzylphthalate	20.30	149	550256	30.156	ng	# 85
80) Benzo(a)anthracene	21.14	228	1148198	30.298	ng	99
81) 3,3'-Dichlorobenzidine	21.09	252	245715	17.348	ng	93
82) Chrysene	21.20	228	1069918	29.104	ng	99
83) Bis(2-ethylhexyl)phthalate	21.08	149	714878	26.859	ng	96
84) Di-n-octyl phthalate	21.94	149	1054787	28.626	ng	96
85) Indeno(1,2,3-cd)pyrene	25.50	276	976114	33.773	ng	98
87) Benzo(b)fluoranthene	22.69	252	967794	29.659	ng	# 92
88) Benzo(k)fluoranthene	22.73	252	915207	29.503	ng	# 98
89) Benzo(a)pyrene	23.24	252	873528	30.377	ng	# 97
90) Dibenzo(a,h)anthracene	25.50	278	819043	34.853	ng	# 94
91) Benzo(g,h,i)perylene	26.16	276	811016	36.913	ng	# 91

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



#1

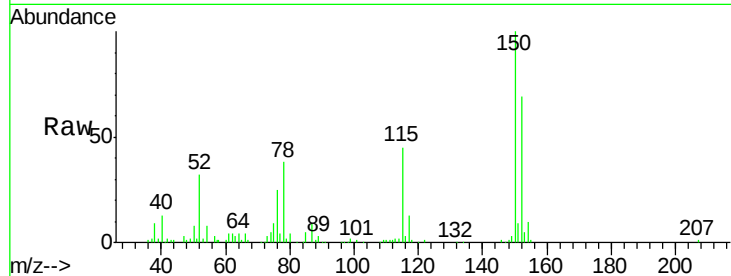
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampled :
PB106423BS

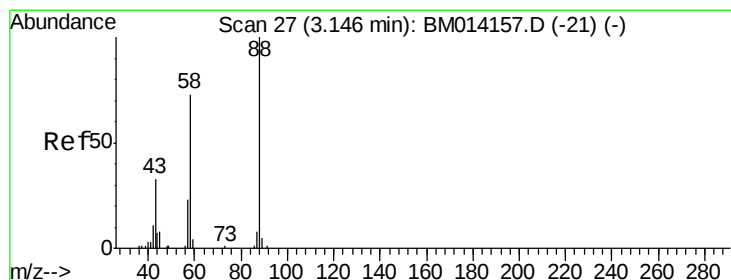
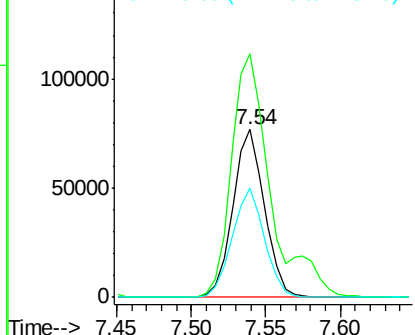
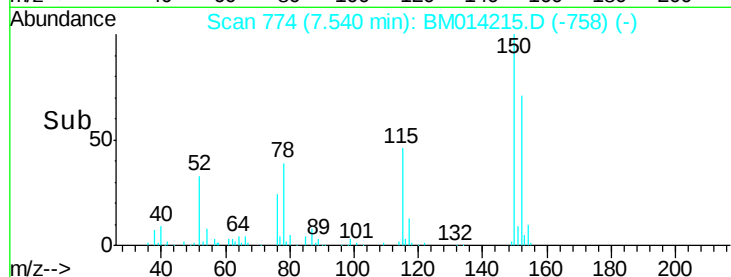
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.1	119.5	179.3
115	64.8	43.0	64.4

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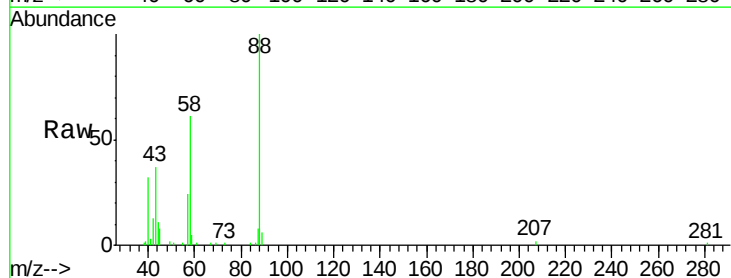
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



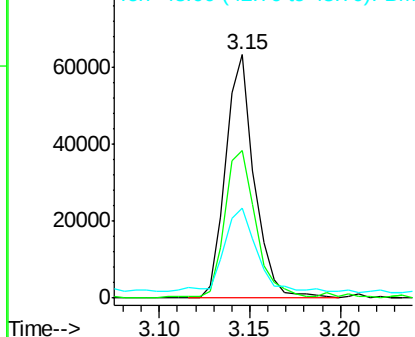
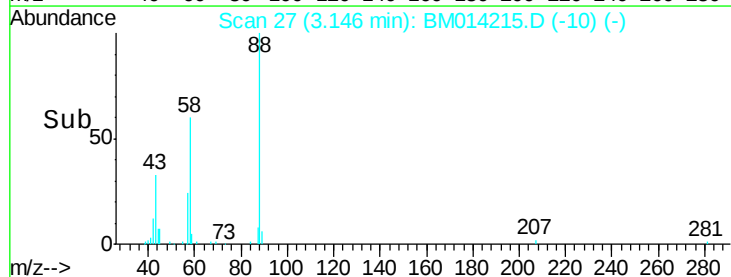
#2

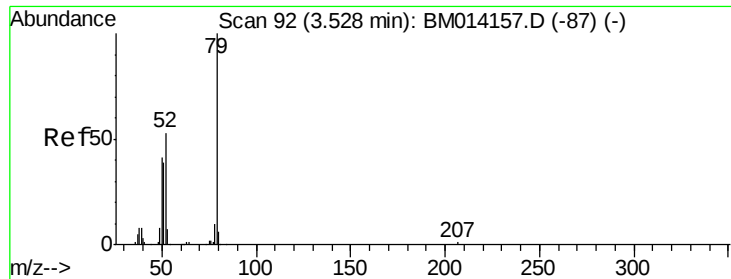
1,4-Dioxane
Concen: 26.062 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.0	0.0	0.0
43	37.5	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: 27.724 ng

RT: 3.52 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

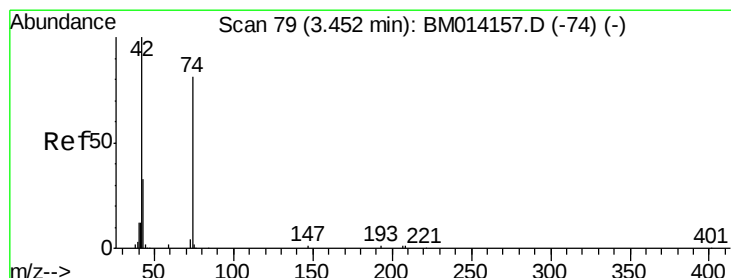
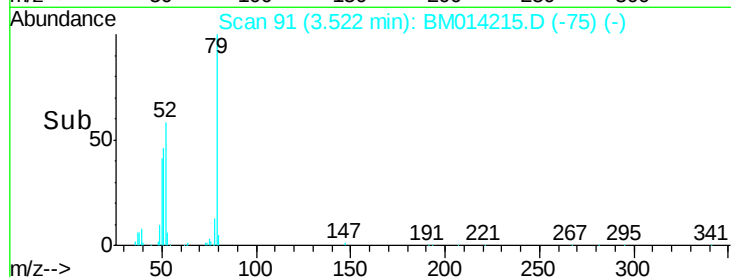
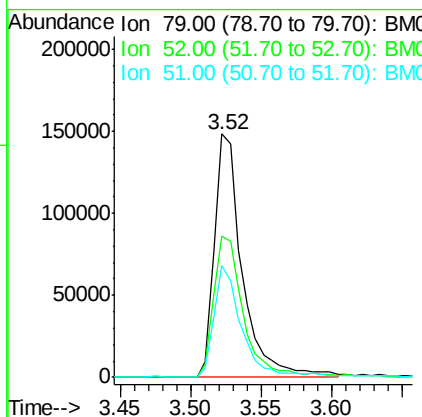
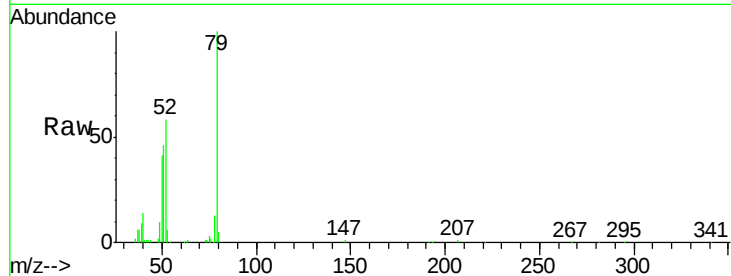
ClientSampleId :

PB106423BS

Tot Ion:	79	Resp:	204882
Ion Ratio	Lower	Upper	
79	100		
52	58.0	51.1	76.7
51	46.0	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 33.454 ng

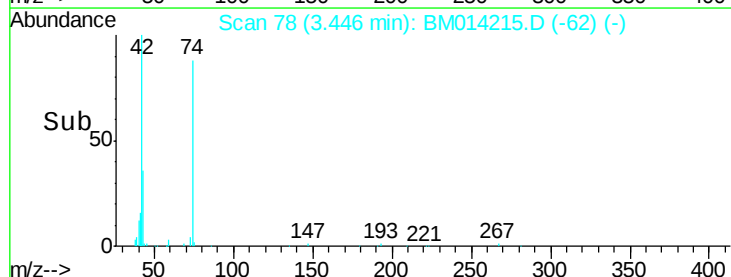
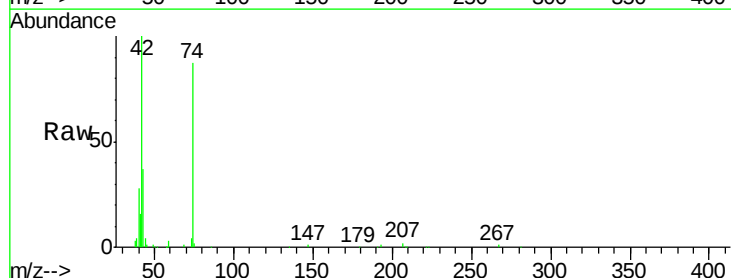
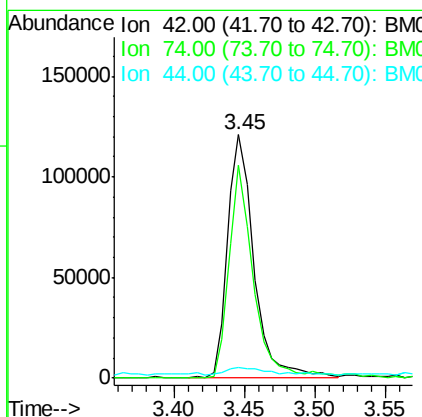
RT: 3.45 min Scan# 78

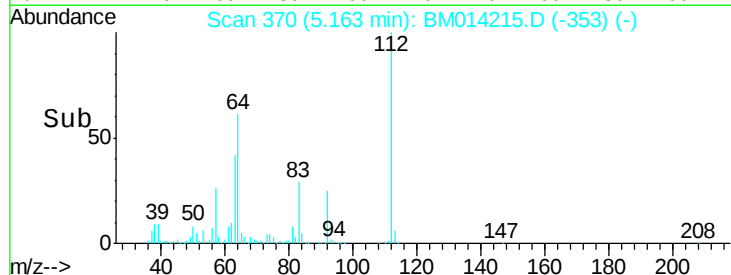
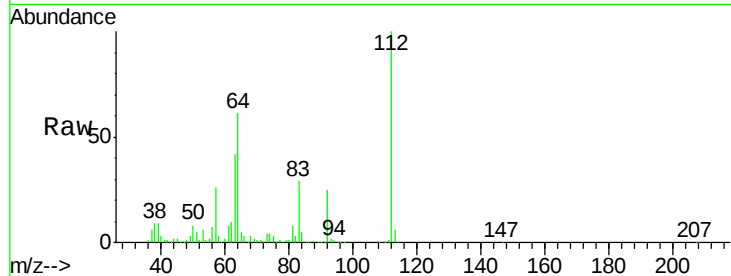
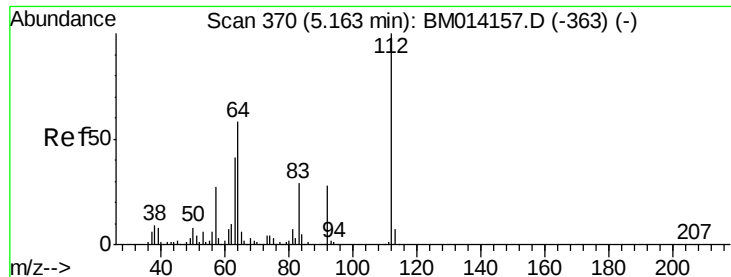
Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tgt Ion:	42	Resp:	157491
Ion Ratio	Lower	Upper	
42	100		
74	87.5	119.3	178.9#
44	4.1	5.4	8.2#





#5

2-Fluorophenol

Concen: 112.340 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tot Ion	Ratio	Resp	Lower	Upper
112	100	729585		
64	60.8	38.6	57.8#	
63	42.4	19.3	28.9#	

Instrument :

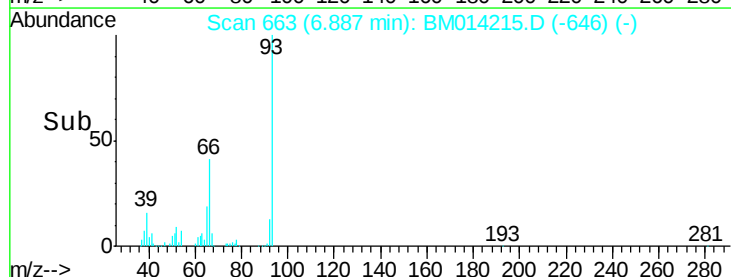
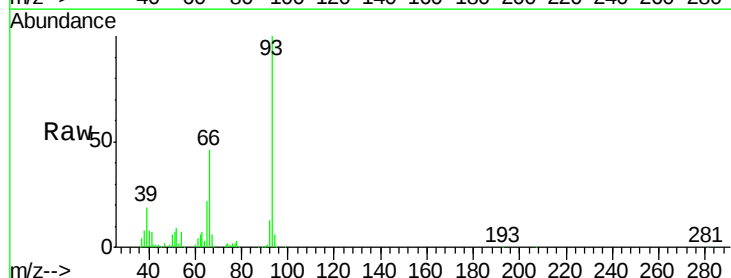
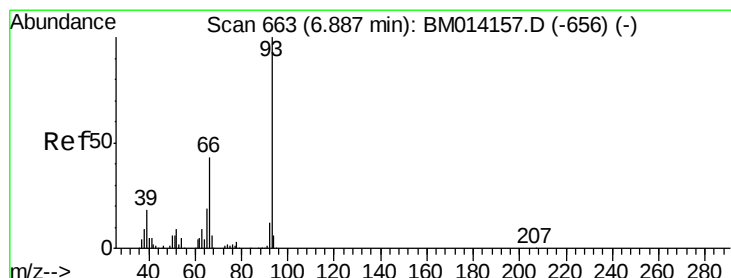
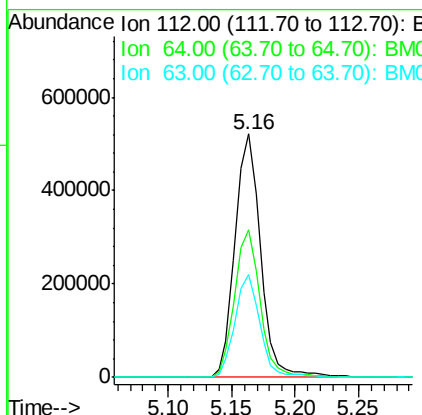
BNA_M

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#6

Aniline

Concen: 18.460 ng

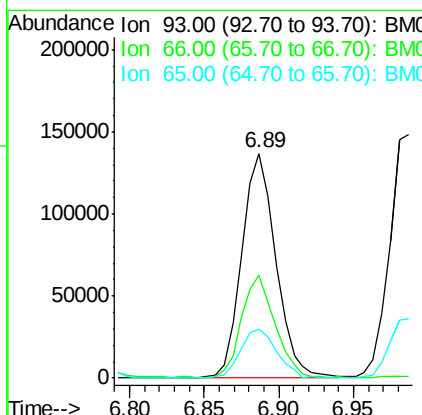
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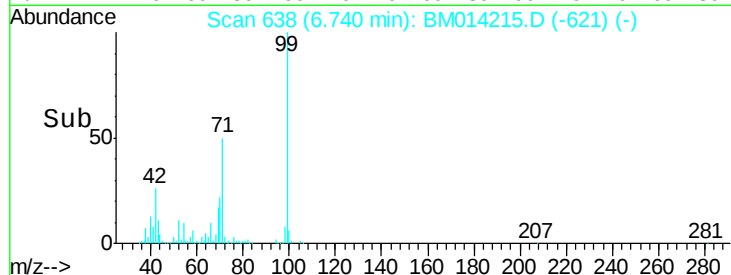
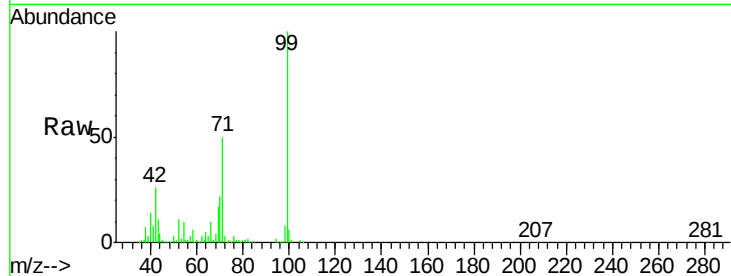
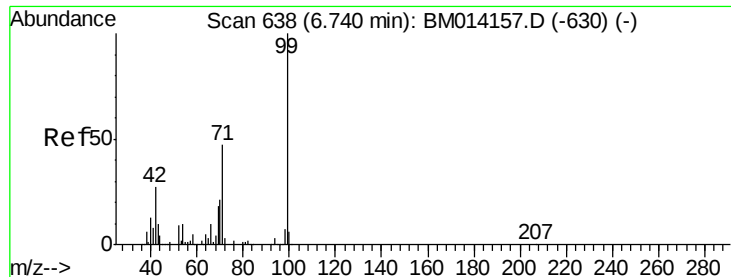
Delta R.T. -0.00 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	216463		
66	45.6	30.8	46.2	
65	22.0	16.0	24.0	





#7

Phenol-d6

Concen: 104.642 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		962496		
42	25.9	11.0	16.4#		
71	50.2	23.4	35.2#		

Instrument :

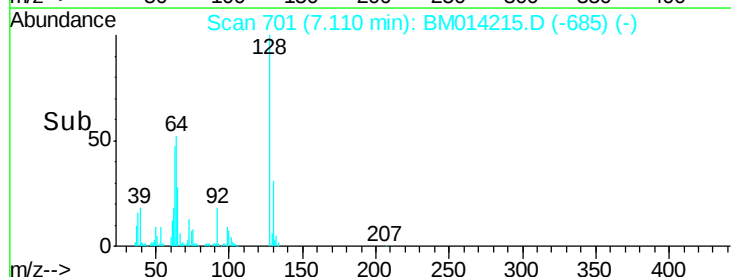
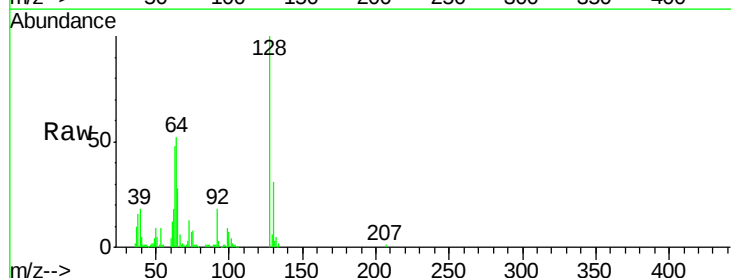
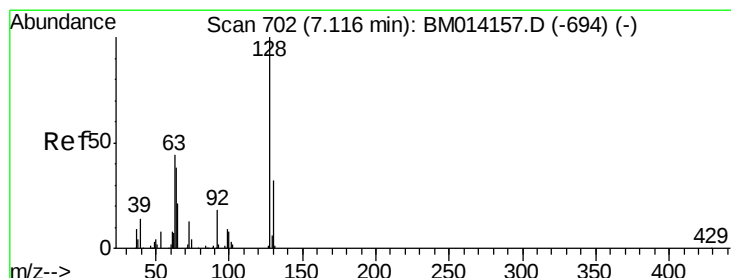
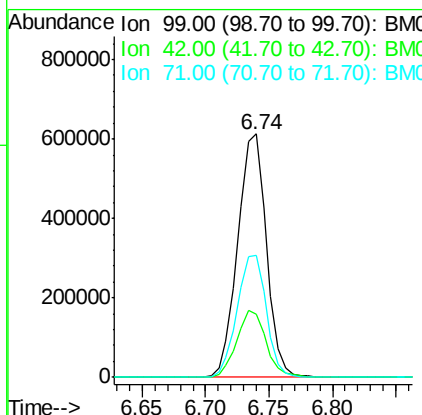
BNA_M

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#8

2-Chlorophenol

Concen: 34.896 ng

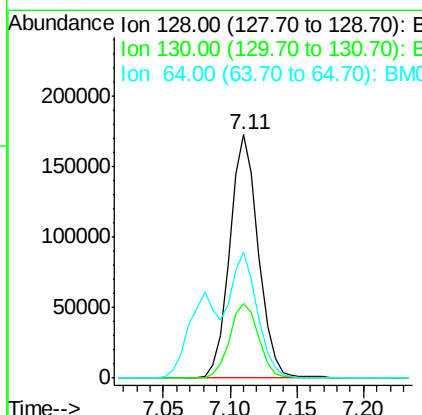
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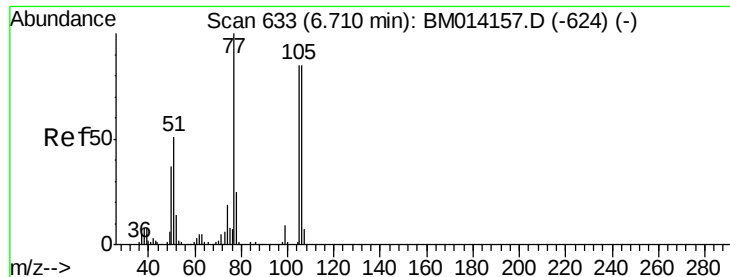
Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		257582		
130	30.6	12.0	52.0		
64	51.6	24.9	64.9		





#9

Benzaldehyde

Concen: 10.510 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

ClientSampled :

PB106423BS

Tot Ion: 77 Resp: 69572

Ion Ratio Lower Upper

77 100

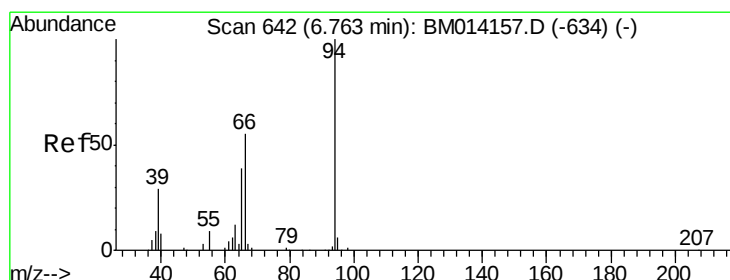
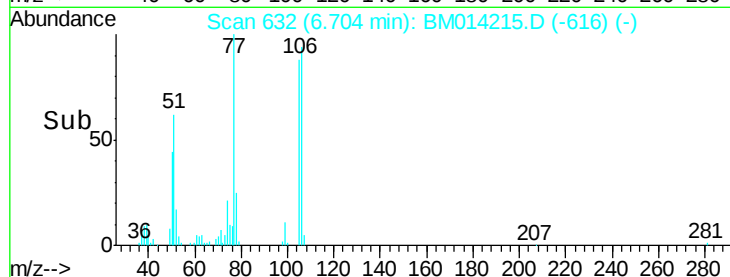
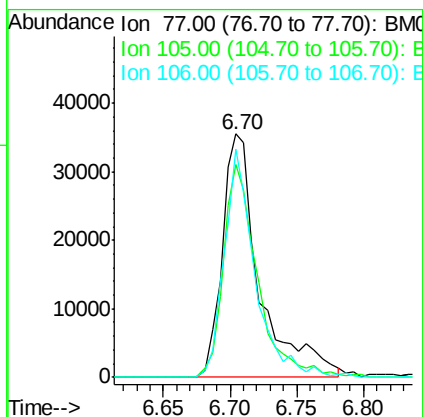
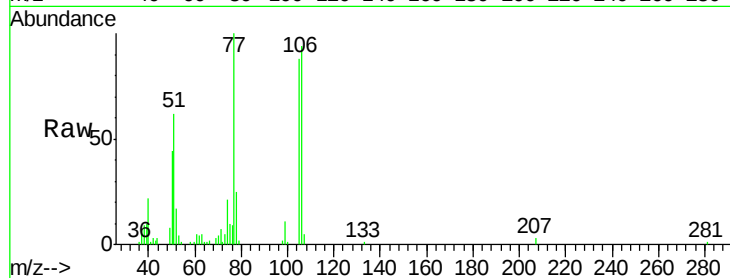
105 87.7 78.8 118.8

106 94.0 73.7 113.7

Manual Integrations
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#10

Phenol

Concen: 36.608 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

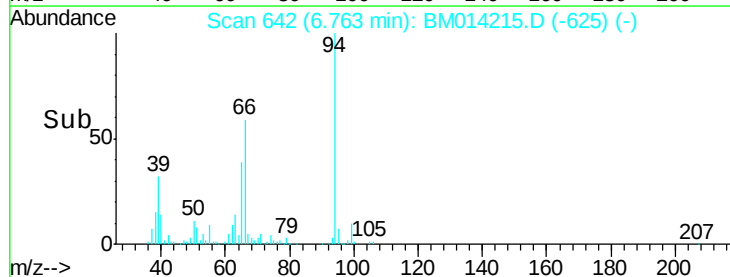
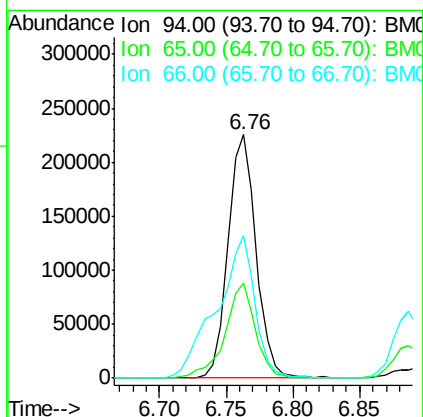
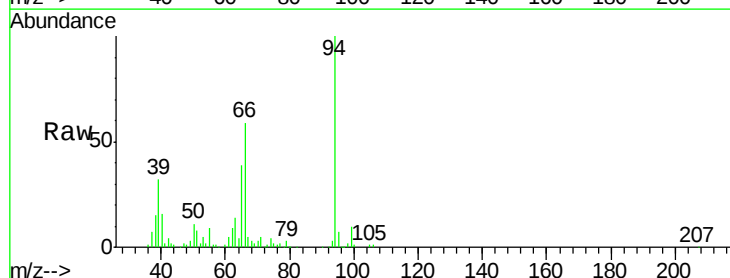
Tgt Ion: 94 Resp: 332415

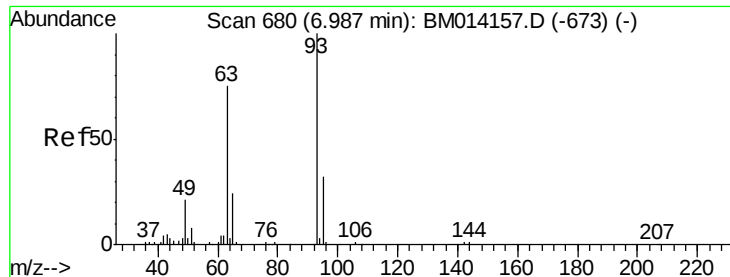
Ion Ratio Lower Upper

94 100

65 39.0 18.8 58.8

66 58.7 39.9 79.9





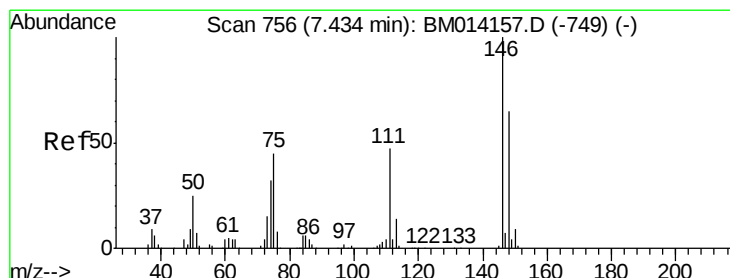
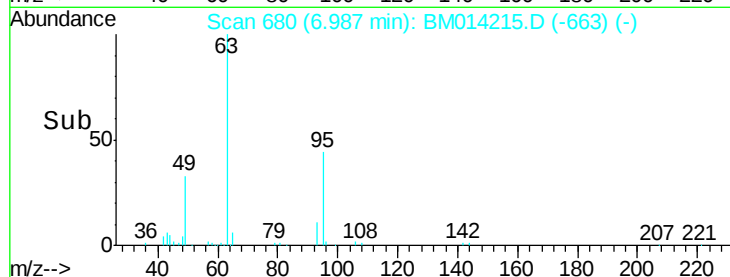
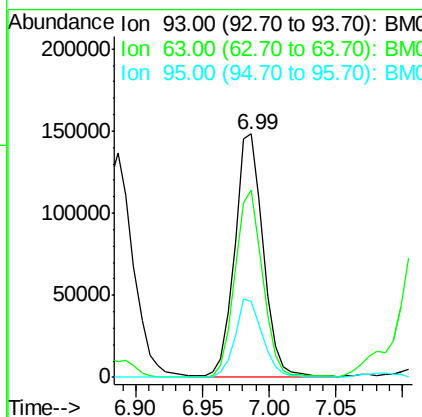
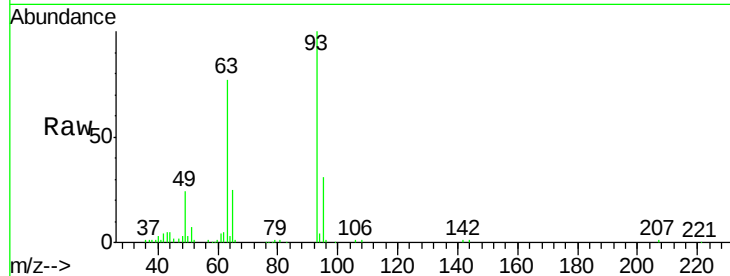
#11
bis(2-Chloroethyl)ether
Concen: 30.396 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion:	93	Resp:	218174
Ion Ratio	Lower	Upper	
93	100		
63	76.8	49.5	89.5
95	31.2	13.5	53.5

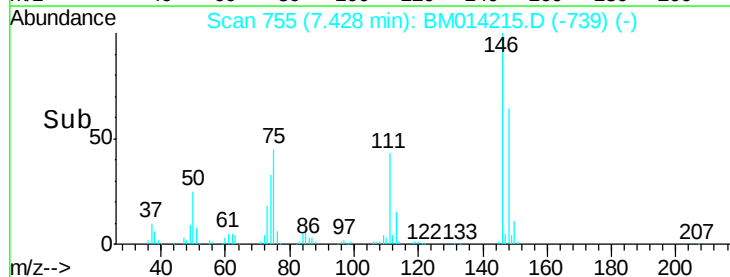
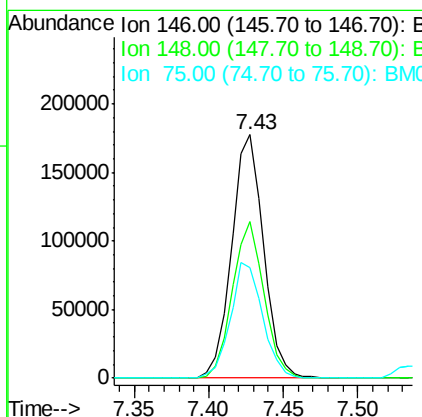
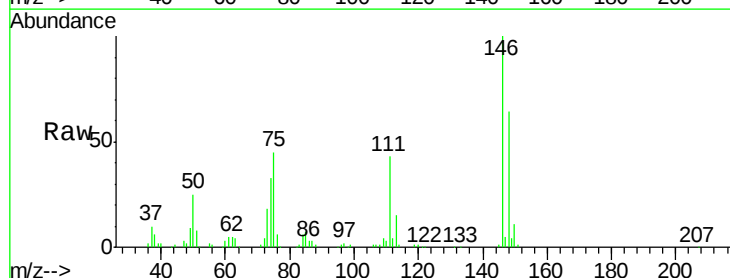
Manual Integrations
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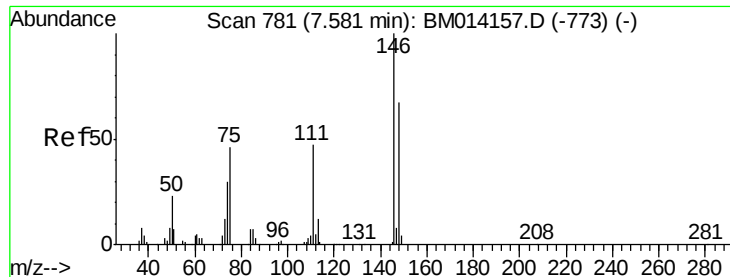
Sohil
2/13/2018 11:30:42 AM



#12
1,3-Dichlorobenzene
Concen: 28.716 ng
RT: 7.43 min Scan# 755
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion:	146	Resp:	264941
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.9	76.3
75	45.2	21.4	32.2#





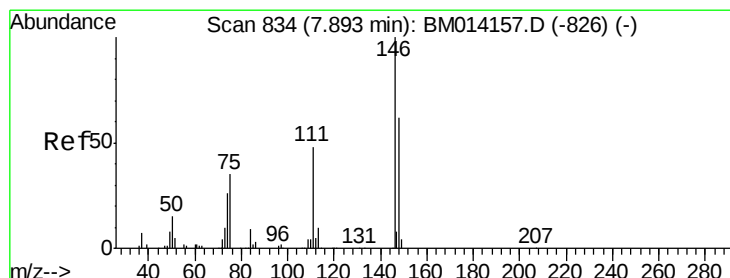
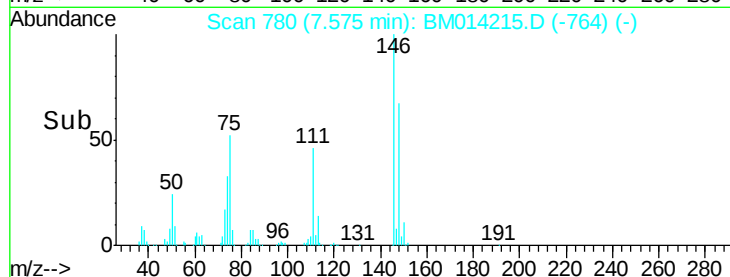
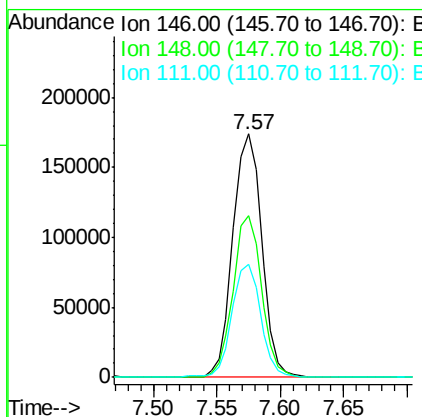
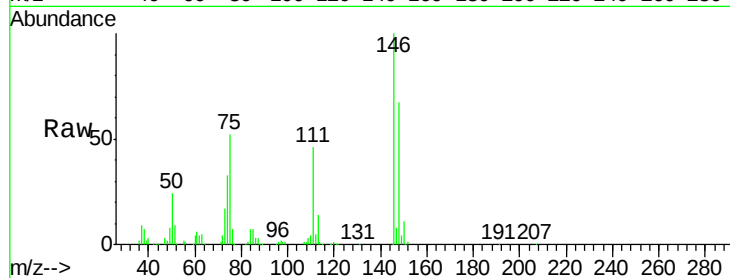
#13
1,4-Dichlorobenzene
Concen: 29.615 ng
RT: 7.57 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	51.9	77.9
111	46.4	29.2	43.8

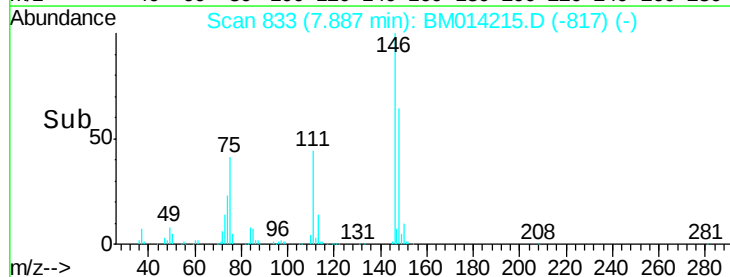
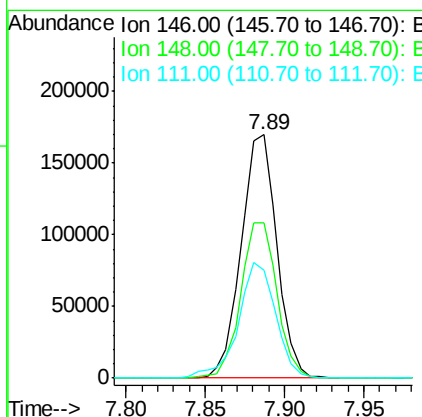
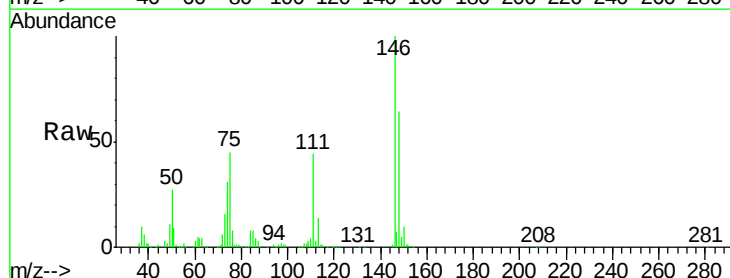
Manual Integrations
APPROVED

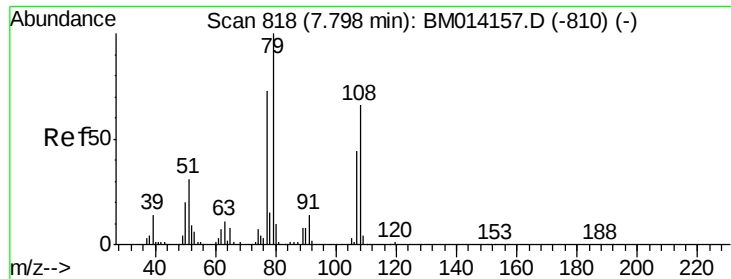
Sohil
2/13/2018 11:30:42 AM



#14
1,2-Dichlorobenzene
Concen: 28.458 ng
RT: 7.89 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.3	78.5
111	44.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 31.433 ng

RT: 7.79 min Scan# 817

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

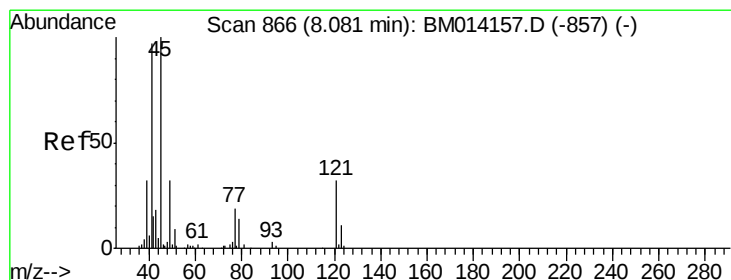
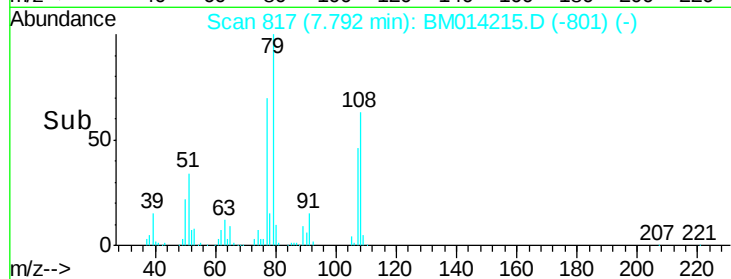
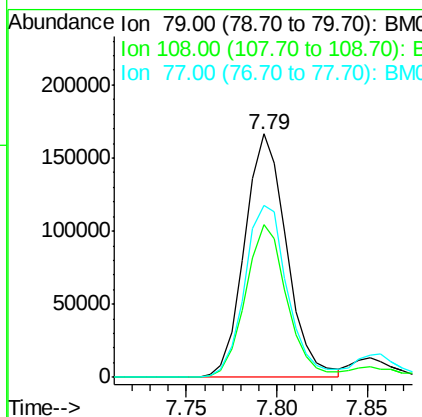
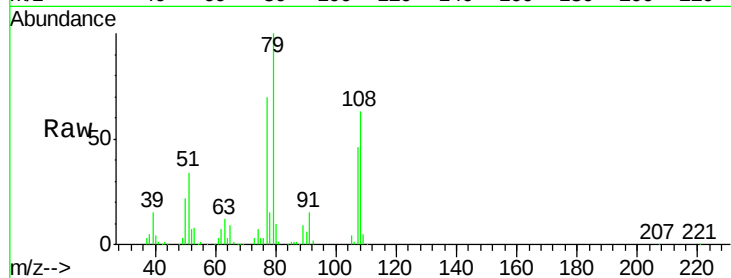
ClientSampled :

PB106423BS

Tot Ion:	79	Resp:	267891
Ion Ratio	Lower	Upper	
79	100		
108	62.8	65.0	97.4#
77	70.4	53.0	79.6

Manual Integrations
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Sohil
2/13/2018 11:30:42 AM



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.079 ng

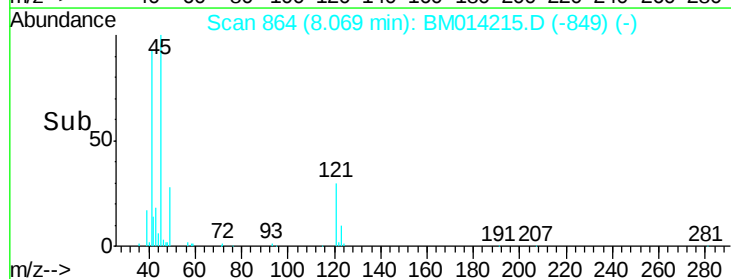
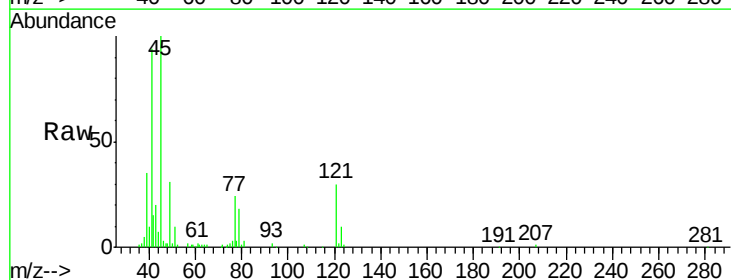
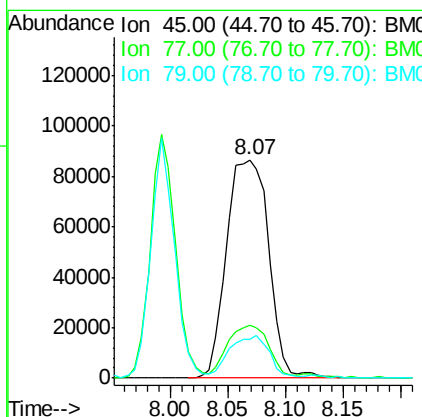
RT: 8.07 min Scan# 864

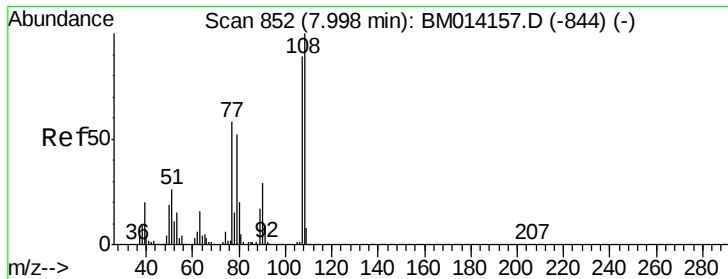
Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tgt Ion:	45	Resp:	219608
Ion Ratio	Lower	Upper	
45	100		
77	24.1	0.0	35.2
79	17.7	0.0	32.0





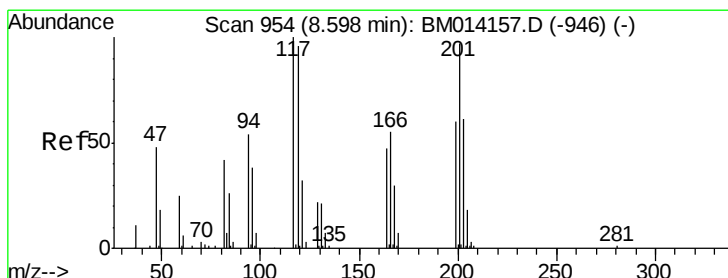
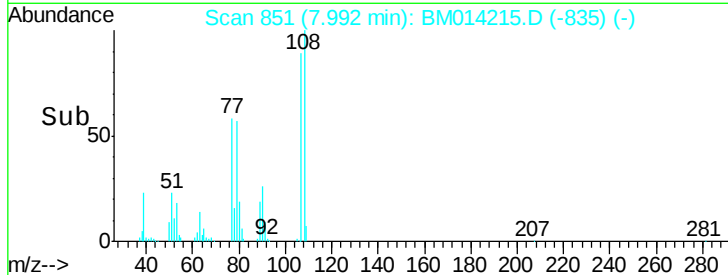
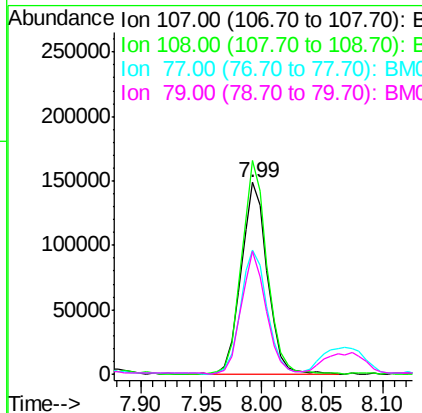
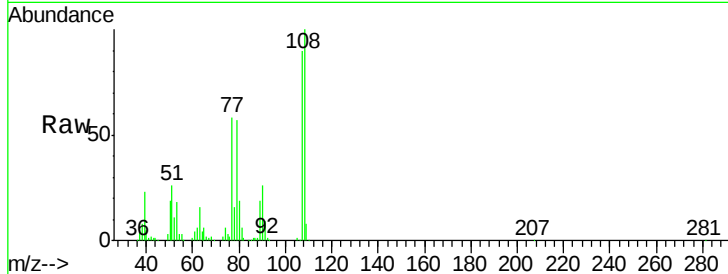
#17
2-Methylphenol
Concen: 32.482 ng
RT: 7.99 min Scan# 851
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleID :
PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.4	89.8	134.8	
77	65.0	32.6	48.8	
79	63.9	32.8	49.2	

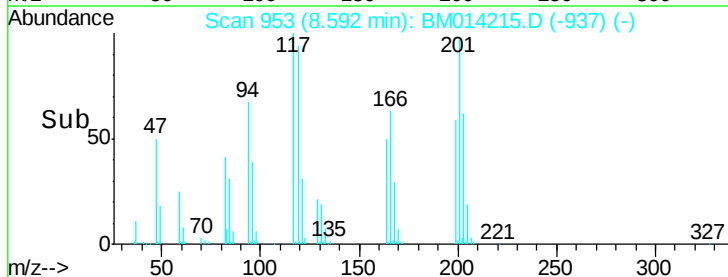
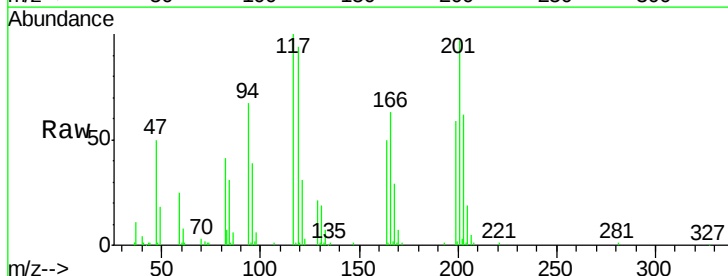
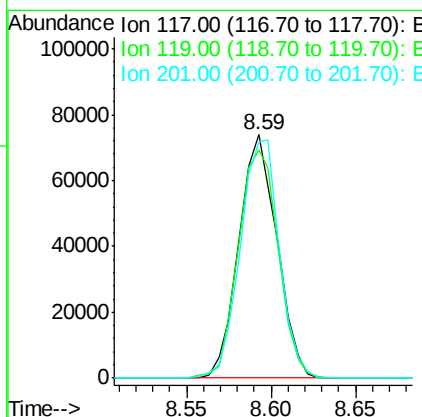
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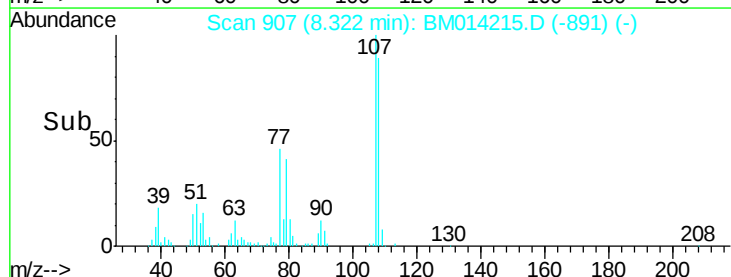
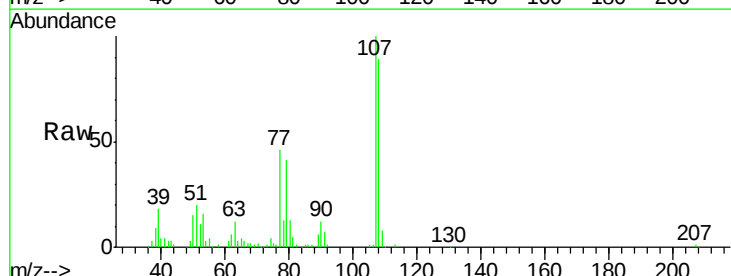
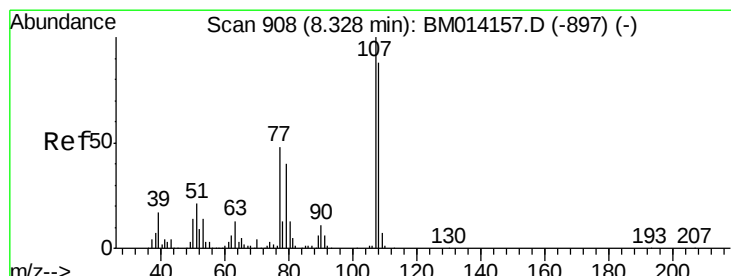
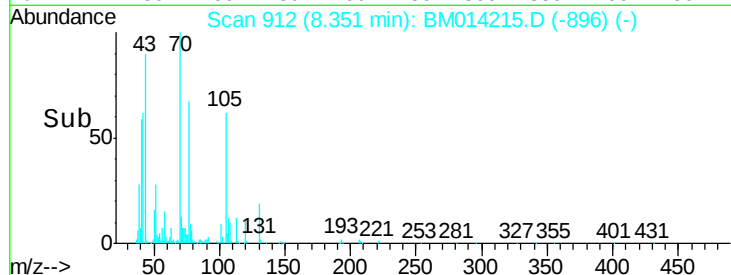
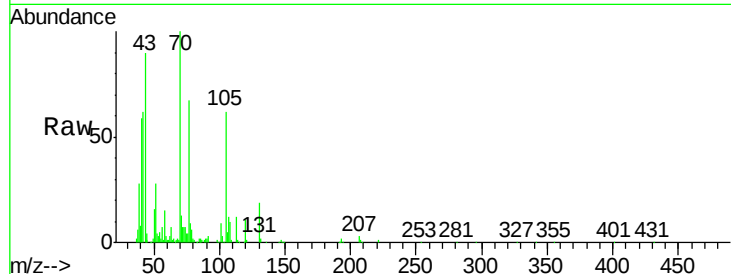
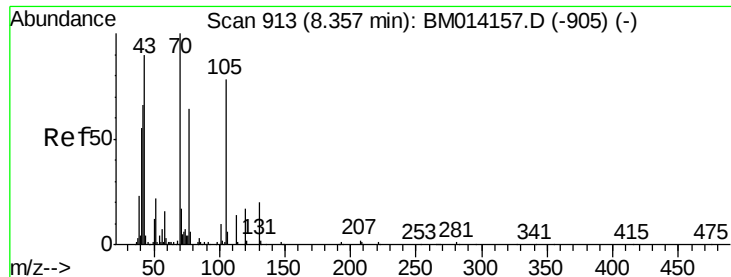
Sohil
2/13/2018 11:30:42 AM



#18
Hexachloroethane
Concen: 29.027 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

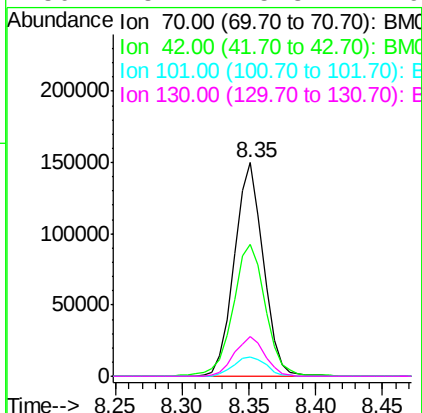
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	79.2	118.8	
201	97.0	69.8	104.6	





#19
n-Nitroso-di-n-propylamine
Concen: 28.506 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.8	44.5	66.7		
101	9.3	7.4	11.2		
130	18.7	15.3	22.9		



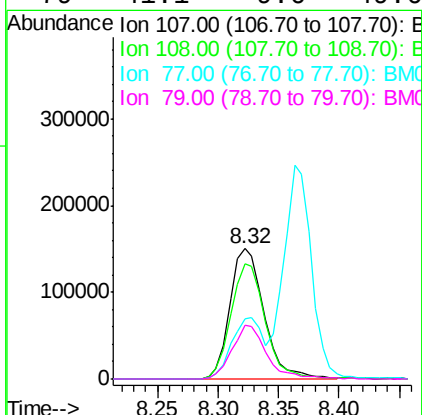
Instrument :
BNA_M
ClientSampleId :
PB106423BS

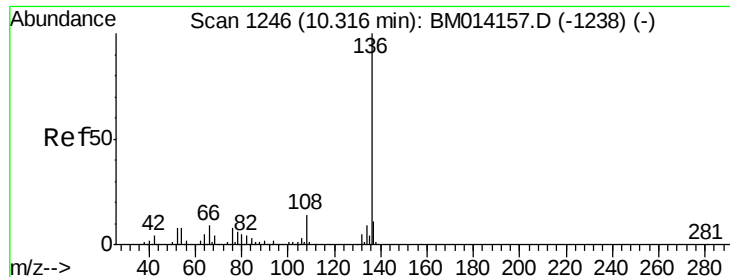
Manual Integrations
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Sohil
2/13/2018 11:30:42 AM

#20
3+4-Methylphenols
Concen: 29.481 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.8	73.2	113.2		
77	46.2	10.7	50.7		
79	41.1	9.6	49.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

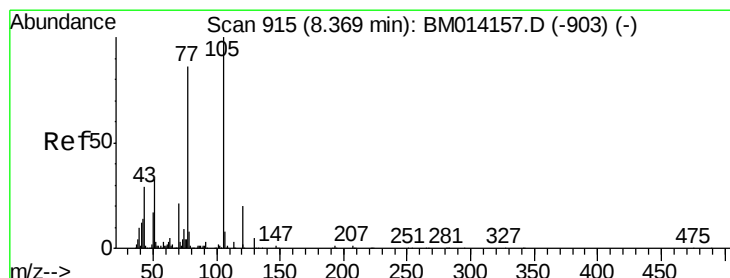
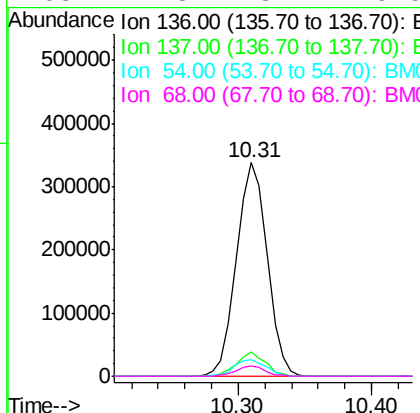
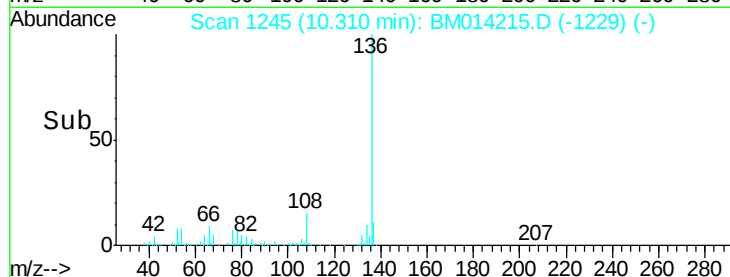
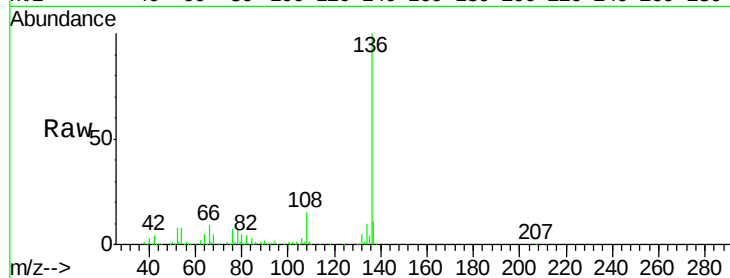
ClientSampled :

PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.7	13.1	
54	8.0	4.6	6.8#	
68	4.8	3.7	5.5	

Manual Integrations
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Sohil
2/13/2018 11:30:42 AM



#22

Acetophenone

Concen: 27.896 ng

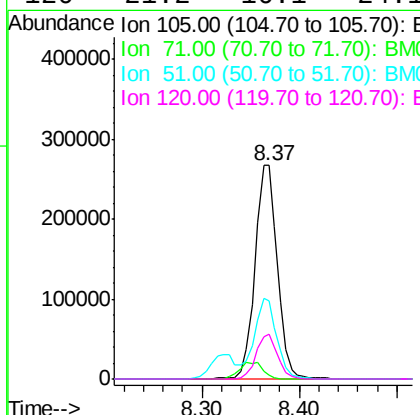
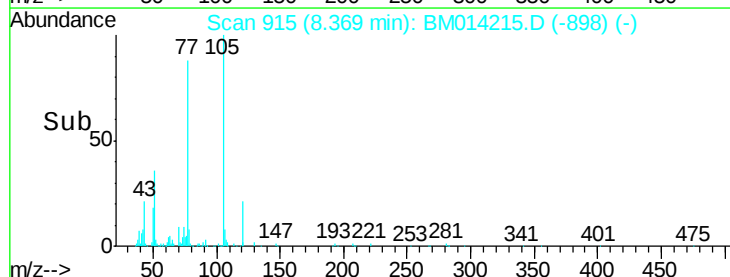
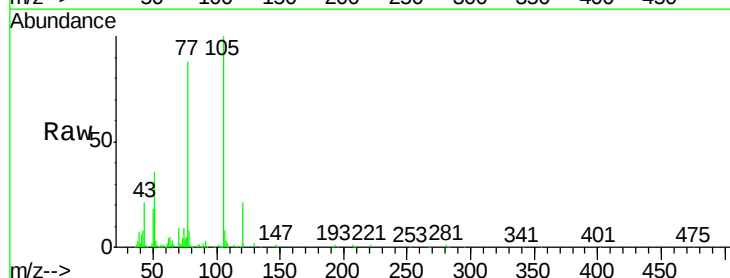
RT: 8.37 min Scan# 915

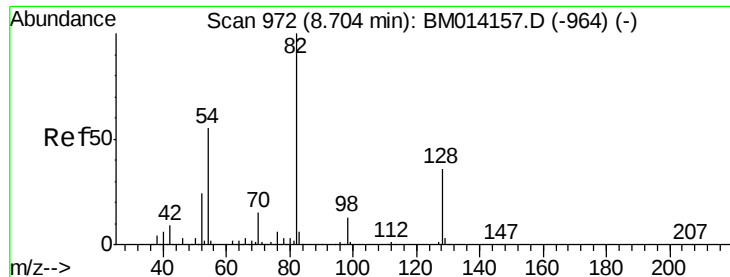
Delta R.T. -0.00 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.7	0.6	1.0#	
51	36.3	21.6	32.4#	
120	21.2	16.1	24.1	





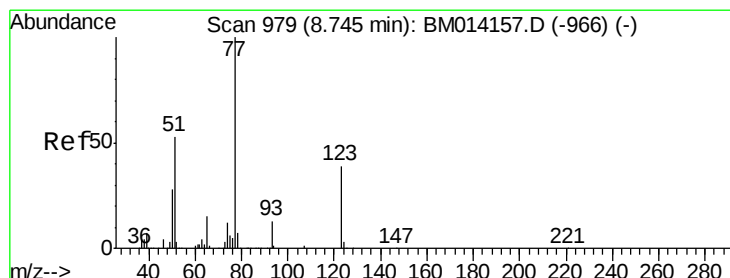
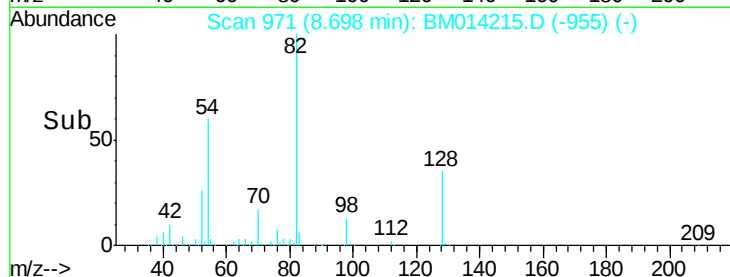
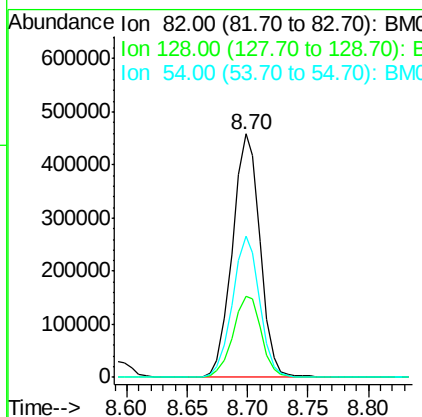
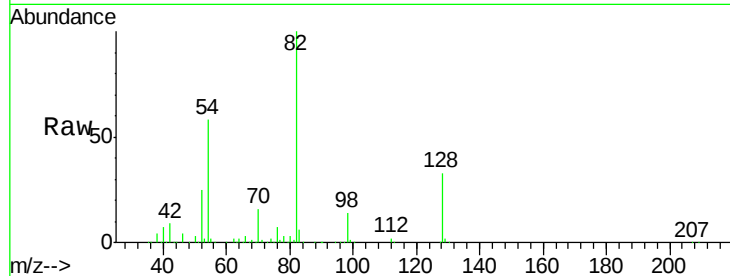
#23
 Nitrobenzene-d5
 Concen: 60.504 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	731898		
128	33.4		32.8	49.2
54	58.0		40.6	60.8

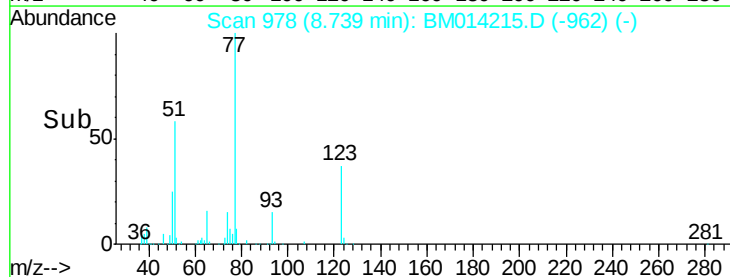
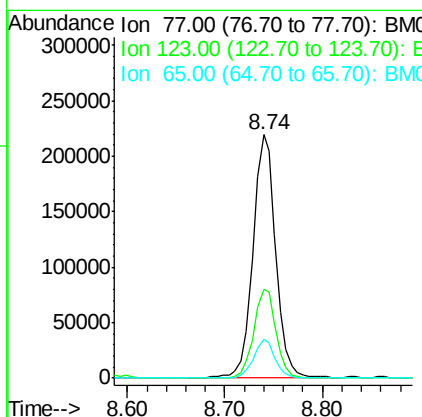
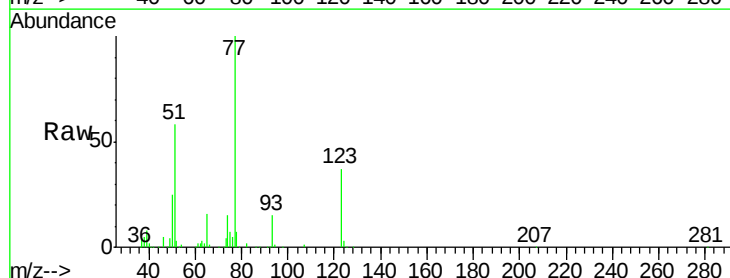
Manual Integrations
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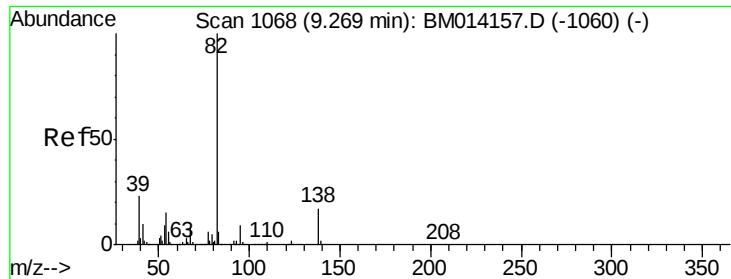
Sohil
 2/13/2018 11:30:42 AM



#24
 Nitrobenzene
 Concen: 28.880 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	359694		
123	36.7		32.6	49.0
65	15.9		10.9	16.3





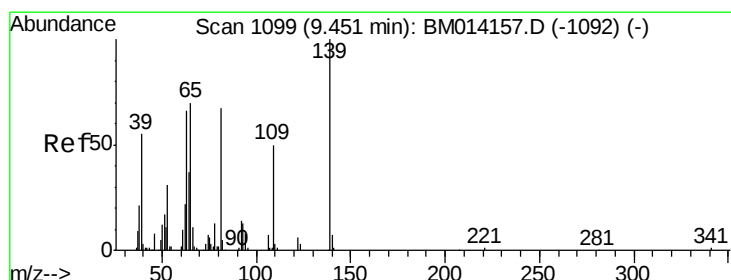
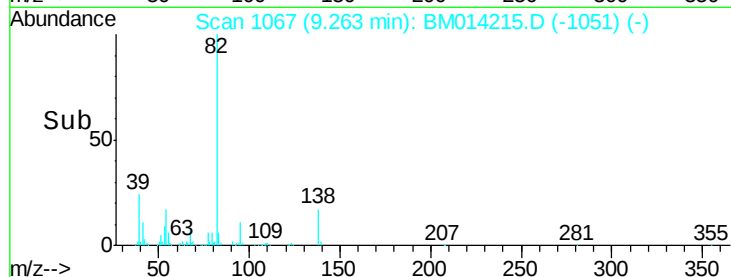
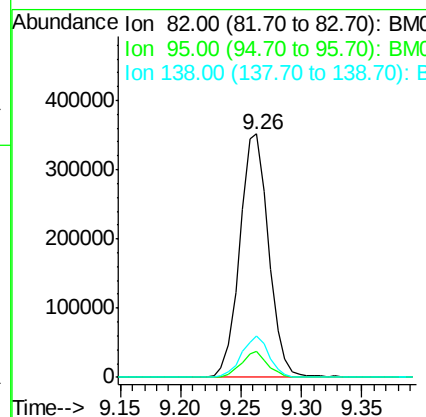
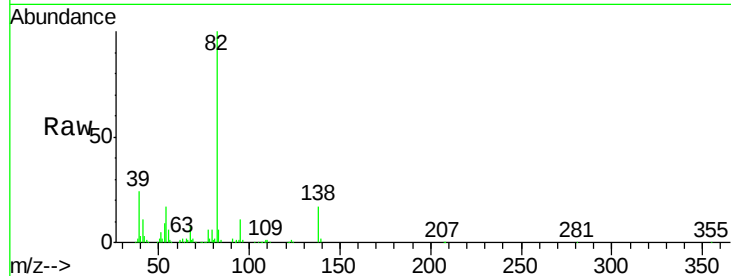
#25
Isophorone
Concen: 29.430 ng
RT: 9.26 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	10.5	5.8	8.6#	
138	16.8	16.3	24.5	

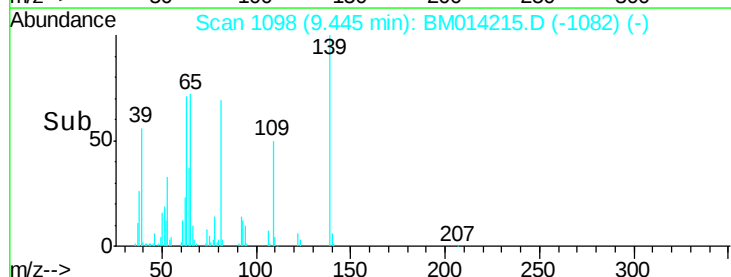
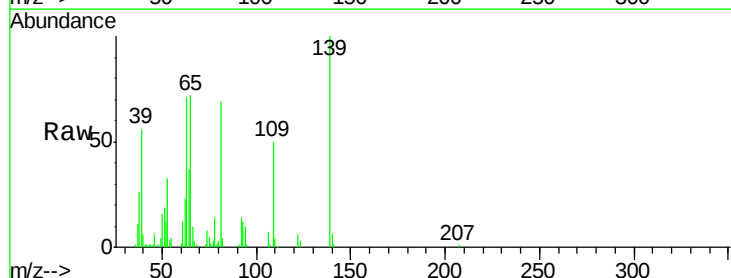
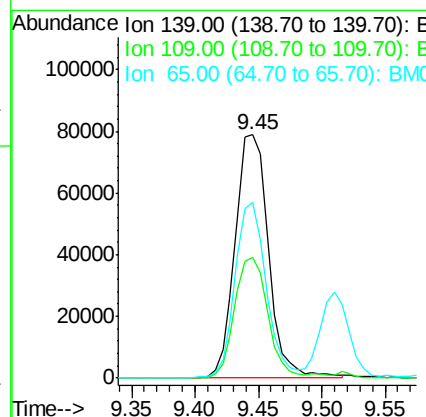
Manual Integrations
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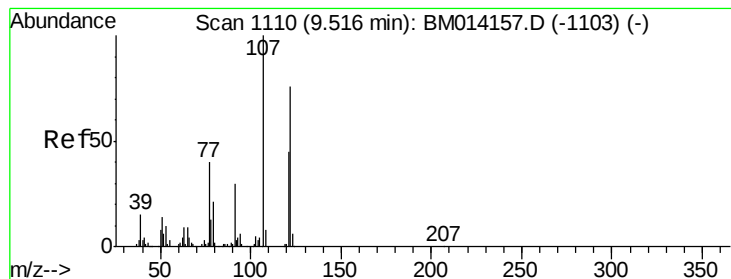
Sohil
2/13/2018 11:30:42 AM



#26
2-Nitrophenol
Concen: 30.628 ng
RT: 9.45 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	49.8	20.1	30.1#	
65	72.4	31.5	47.3#	





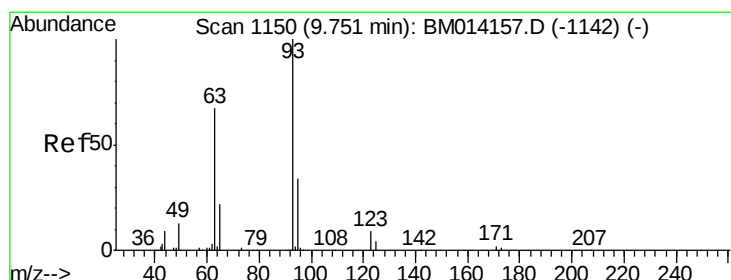
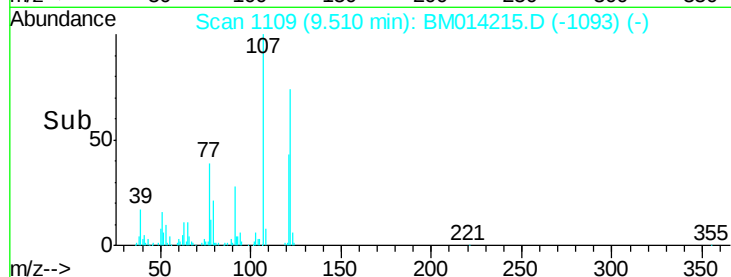
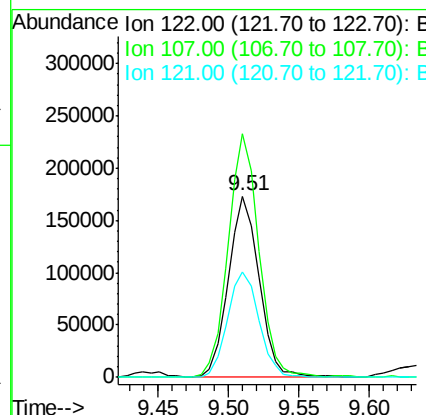
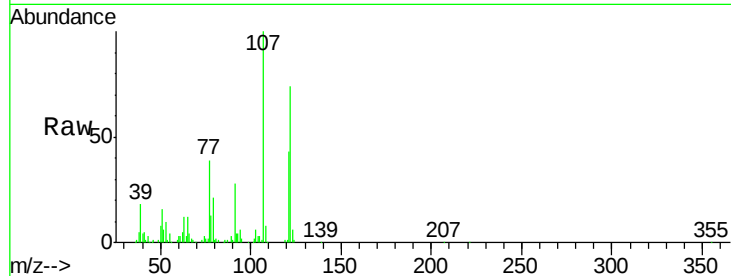
#27
 2,4-Dimethylphenol
 Concen: 36.614 ng
 RT: 9.51 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	262191		
107	134.6	84.7	127.1#	
121	58.5	46.6	69.8	

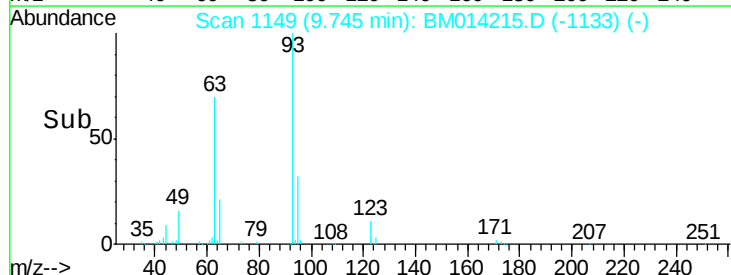
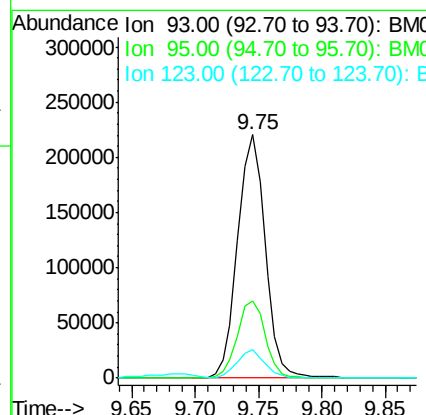
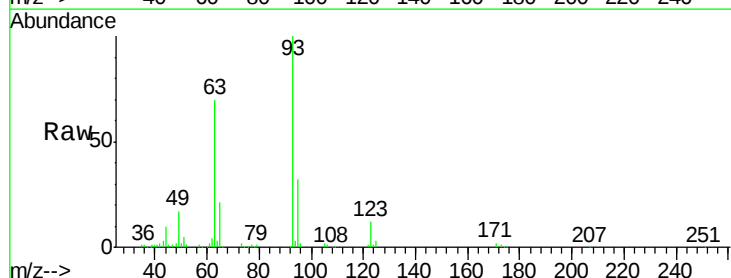
Manual Integrations
 APPROVED

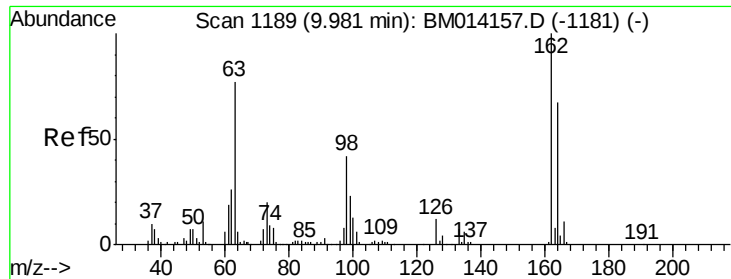
Sohil
 2/13/2018 11:30:42 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 32.552 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	334534		
95	31.5	25.5	38.3	
123	11.7	8.6	13.0	





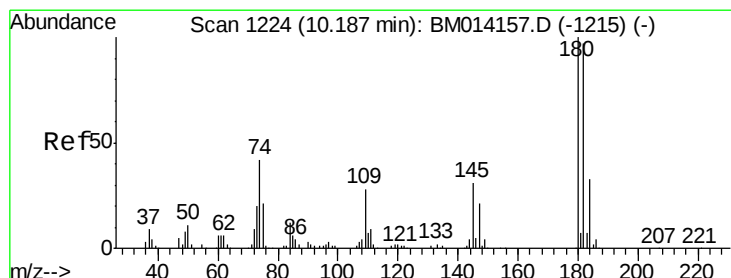
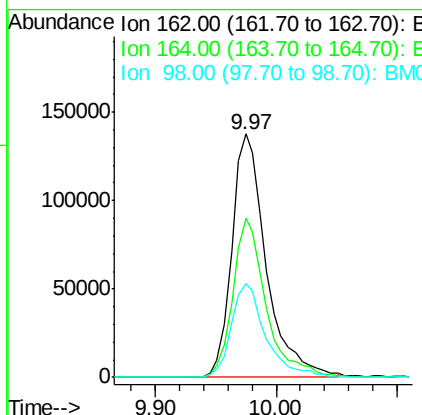
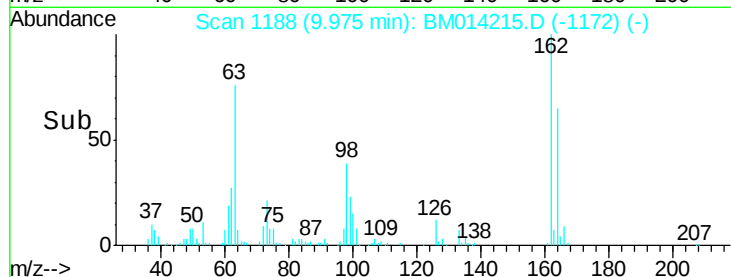
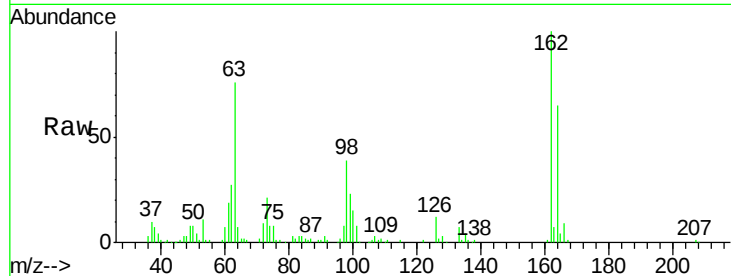
#29
2,4-Dichlorophenol
Concen: 34.091 ng
RT: 9.97 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	272781		
164	65.3	42.8	82.8	
98	38.7	14.5	54.5	

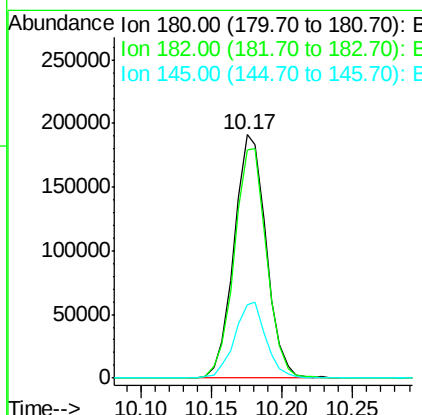
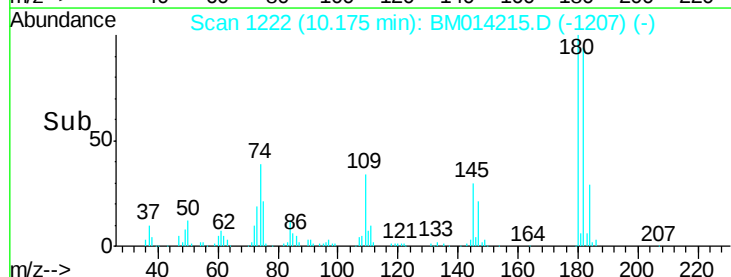
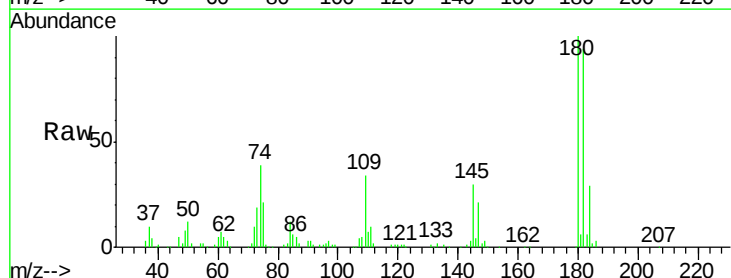
Manual Integrations
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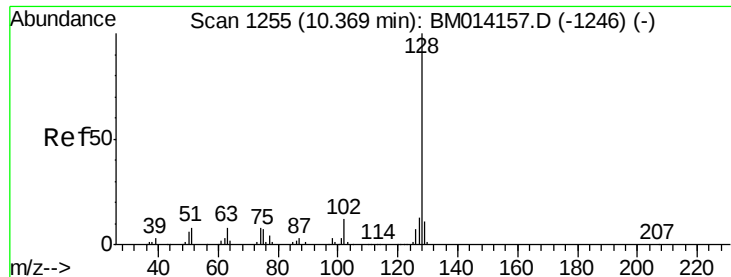
Sohil
2/13/2018 11:30:42 AM



#30
1,2,4-Trichlorobenzene
Concen: 28.722 ng
RT: 10.17 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	302968		
182	93.6	77.6	116.4	
145	29.9	23.4	35.2	





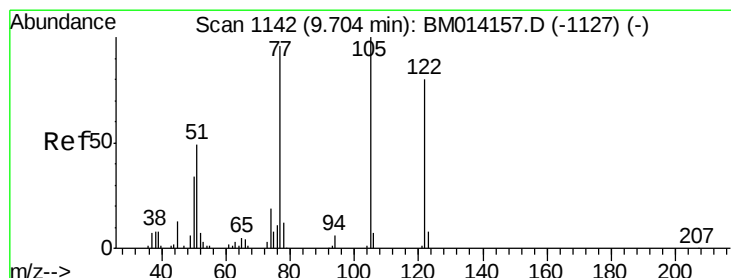
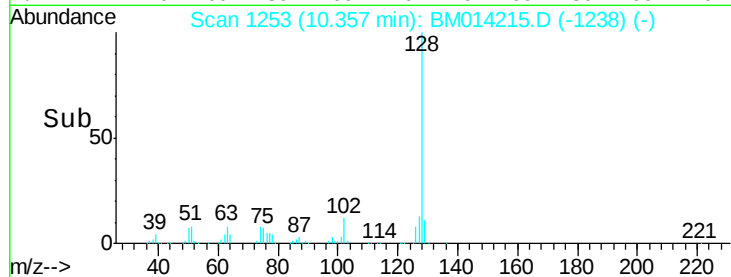
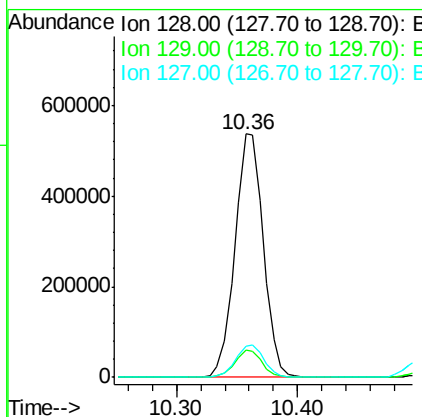
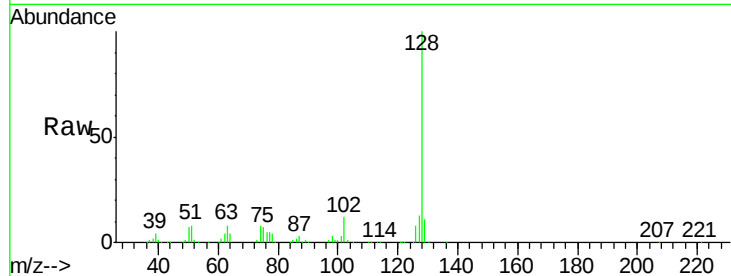
#31
Naphthalene
Concen: 29.771 ng
RT: 10.36 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	8.9	13.3	
127	13.0	10.4	15.6	

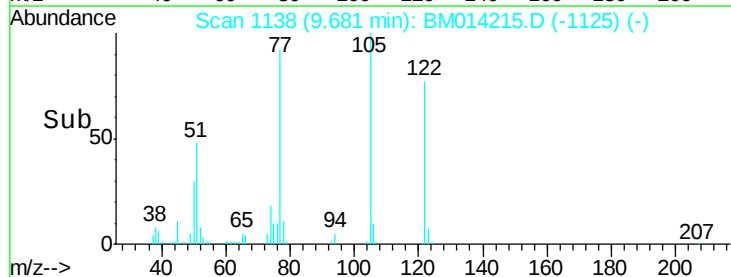
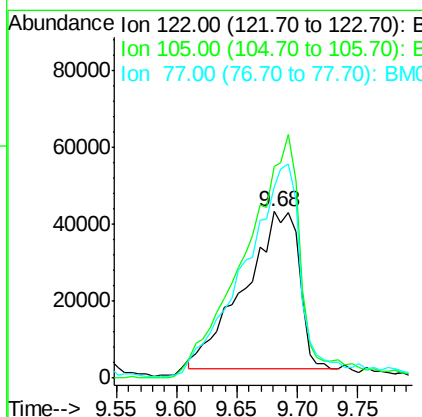
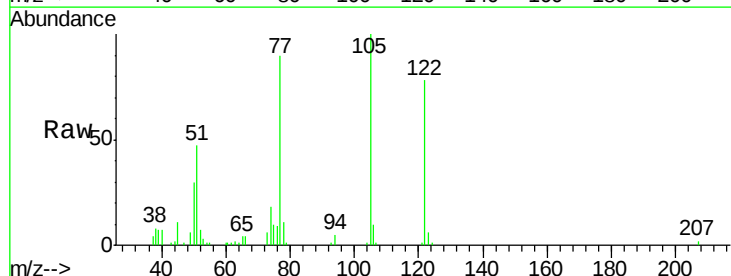
Manual Integrations
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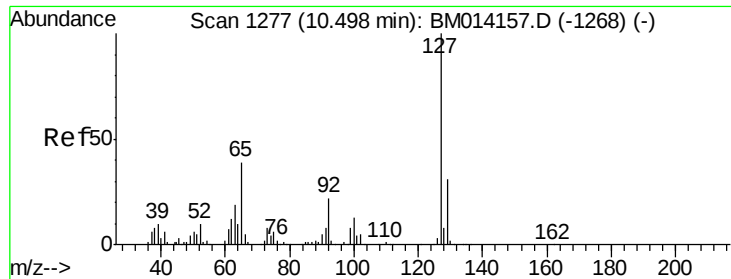
Sohil
2/13/2018 11:30:42 AM



#32
Benzoic acid
Concen: 24.415 ng
RT: 9.68 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	127.5	99.9	139.9	
77	115.2	73.7	113.7	





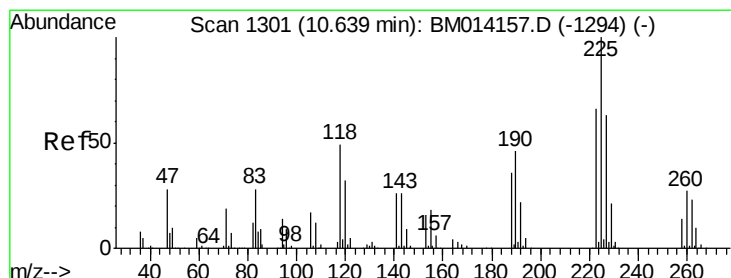
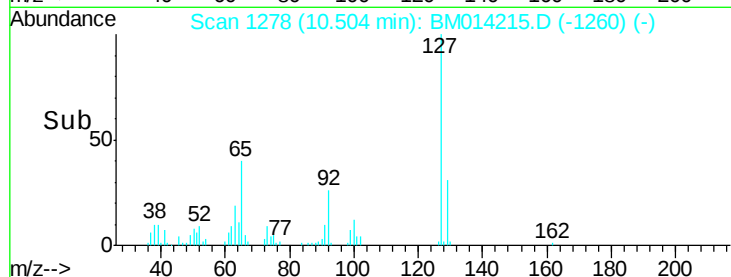
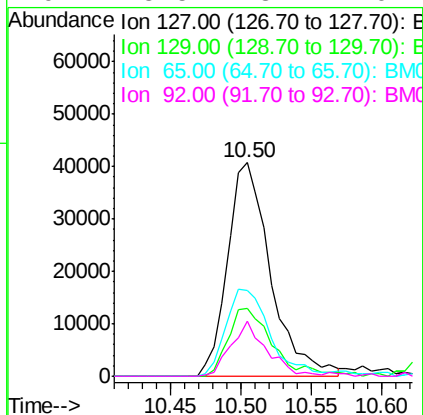
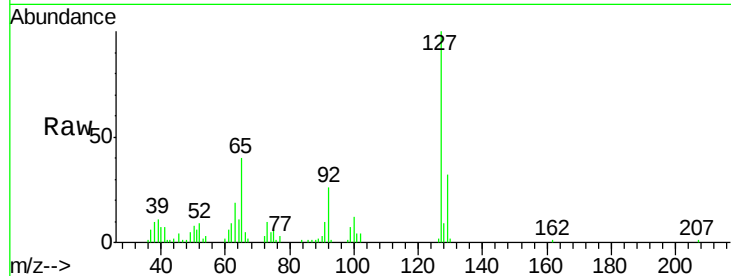
#33
4-Chloroaniline
Concen: 7.052 ng
RT: 10.50 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		86724		
129	32.0	25.3	37.9		
65	40.1	17.6	26.4		
92	25.5	13.1	19.7		

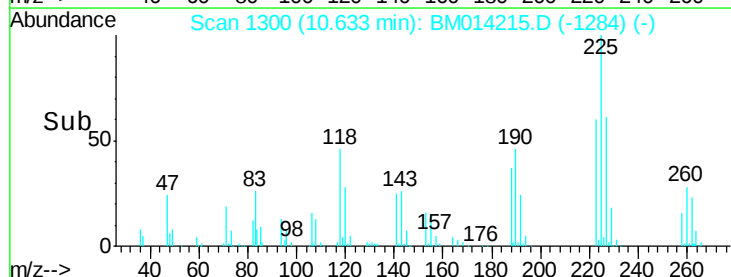
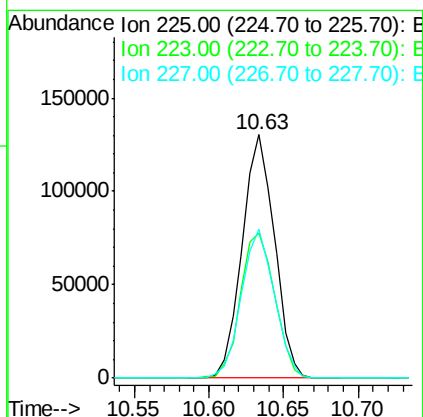
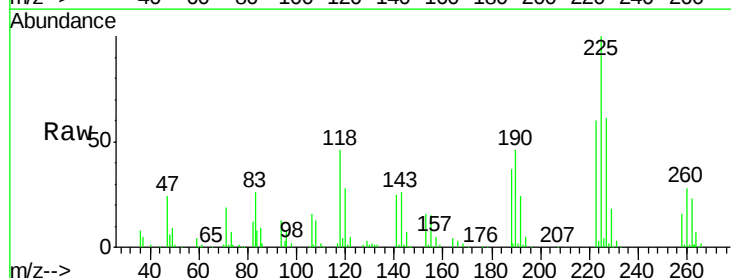
Manual Integrations
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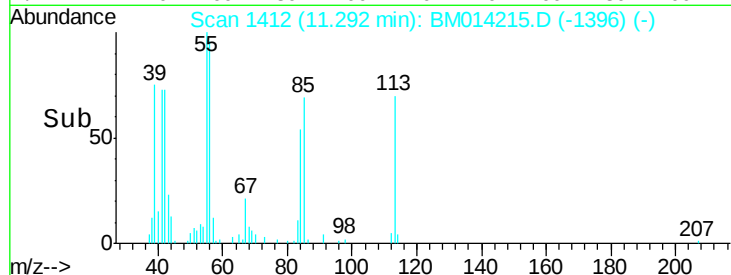
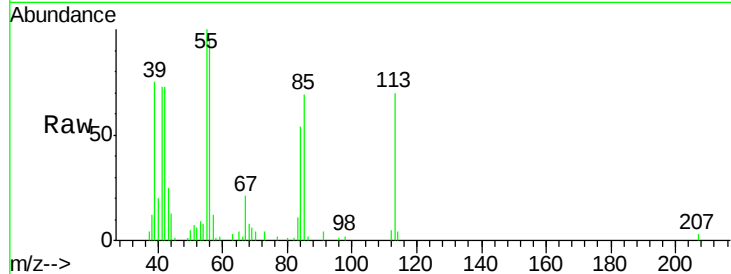
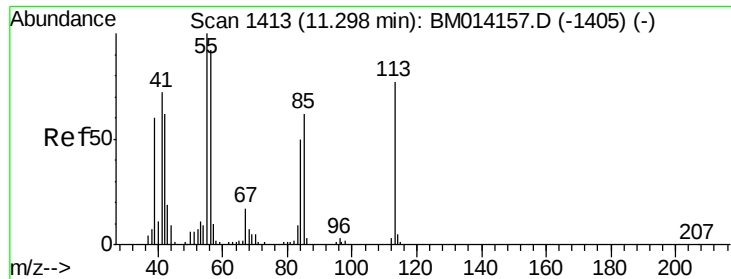
Sohil
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#34
Hexachlorobutadiene
Concen: 27.016 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		195484		
223	59.8	47.9	71.9		
227	61.2	50.1	75.1		





#35

Caprolactam

Concen: 24.352 ng/ml

RT: 11.29 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

ClientSampleId :

PB106423BS

Tot Ion:113 Resp: 69682

Ion Ratio Lower Upper

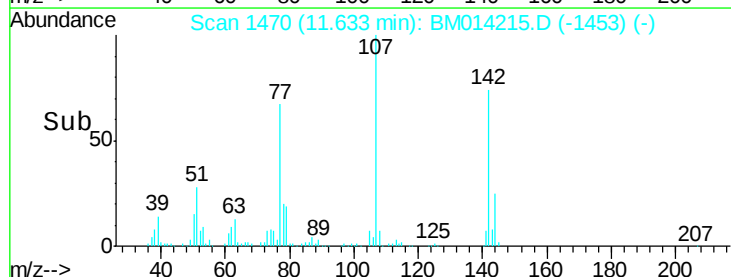
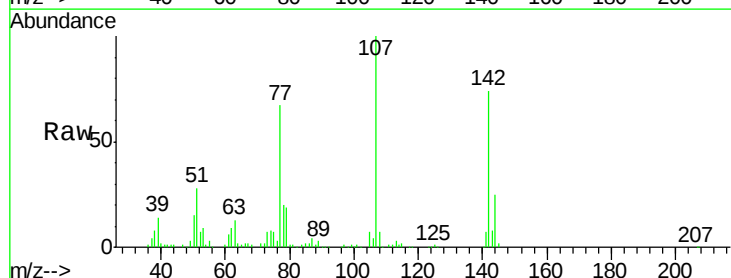
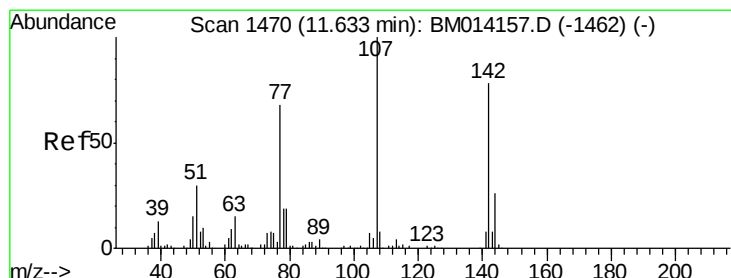
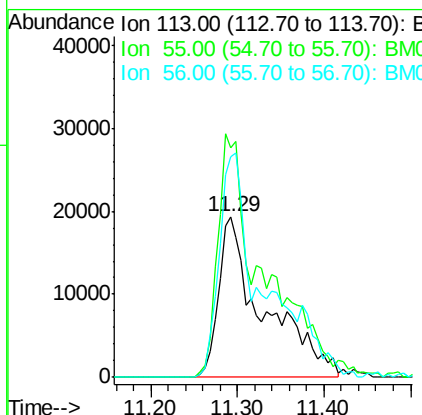
113 100

55 143.0 145.9 185.9#

56 137.4 101.0 141.0

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#36

4-Chloro-3-methylphenol

Concen: 31.274 ng/ml

RT: 11.63 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

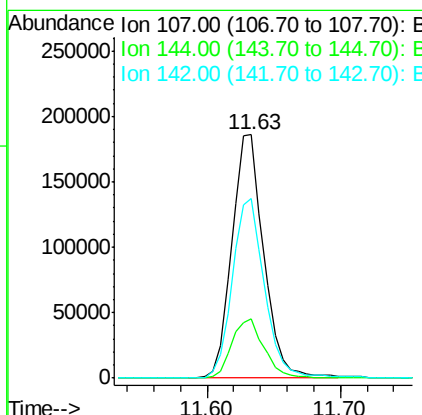
Tgt Ion:107 Resp: 310038

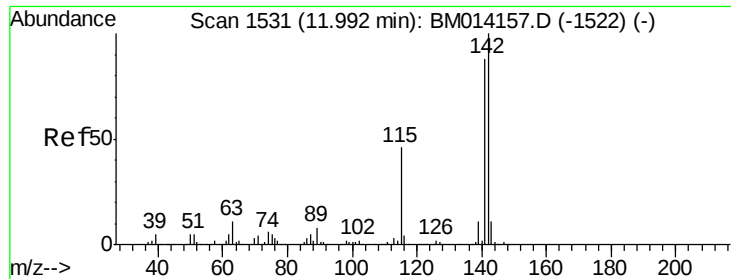
Ion Ratio Lower Upper

107 100

144 24.6 23.3 34.9

142 73.8 72.6 109.0





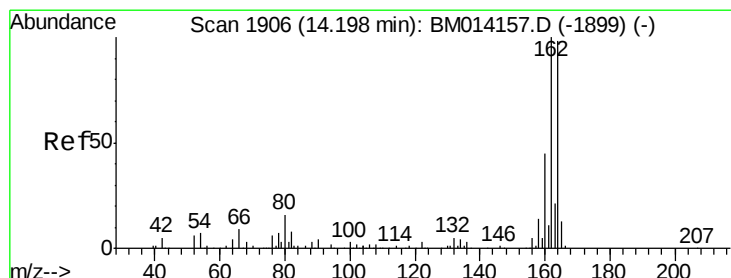
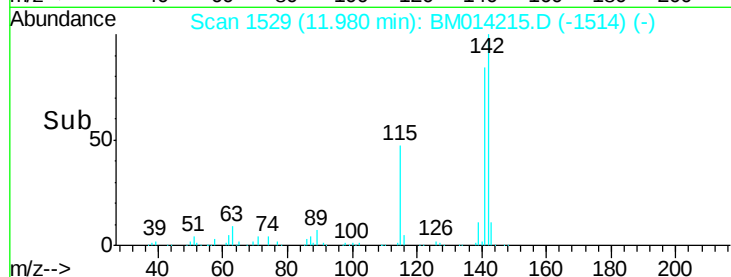
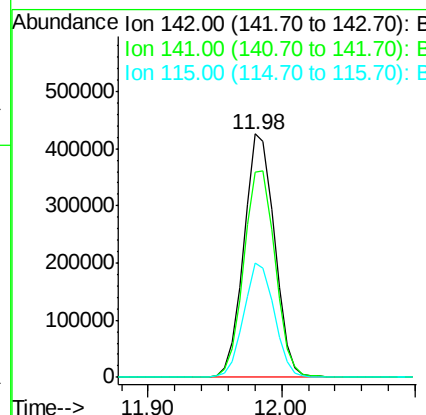
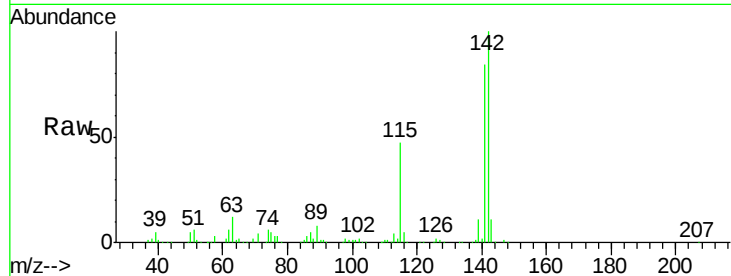
#37
2-Methylnaphthalene
Concen: 30.376 ng
RT: 11.98 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.1	71.9	107.9
115	46.8	25.4	38.0

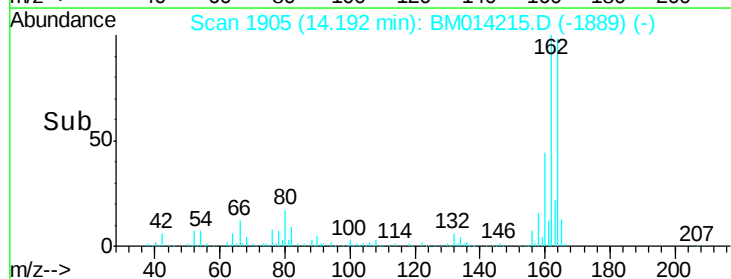
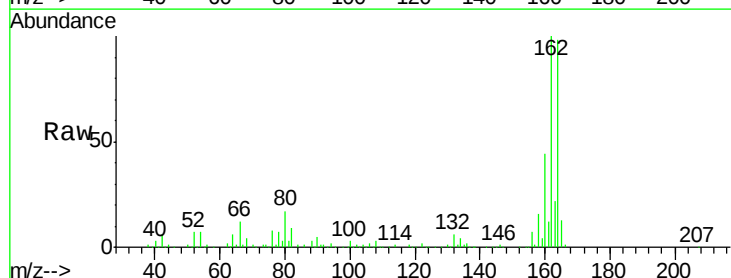
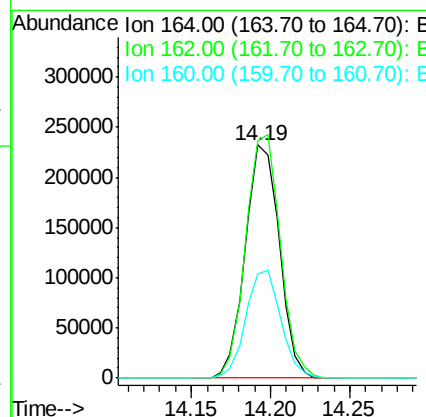
Manual Integrations
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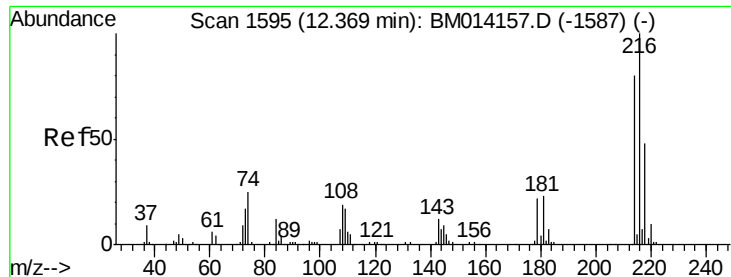
Sohil
2/13/2018 11:30:42 AM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.4	123.6
160	44.9	35.8	53.6





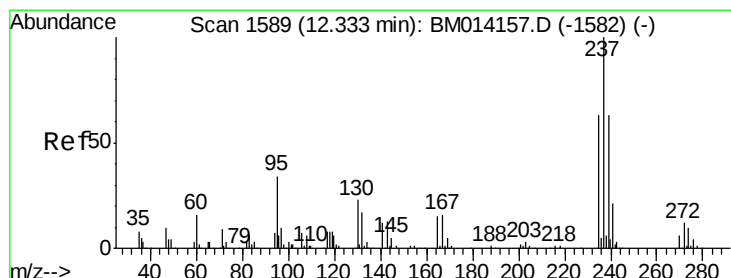
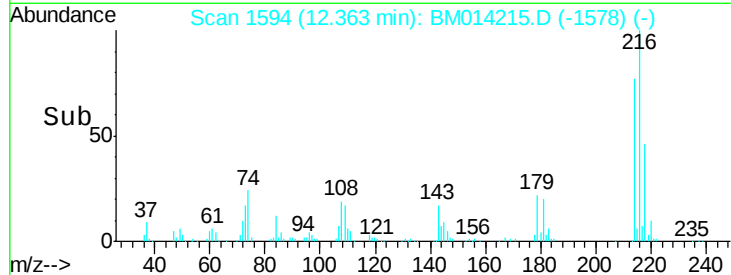
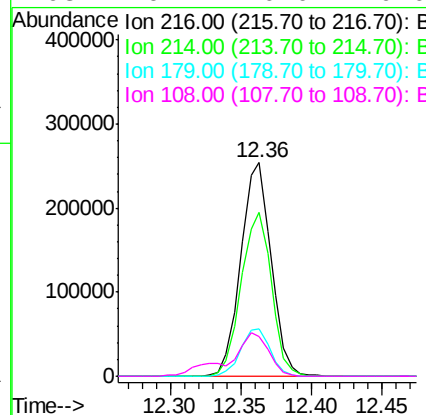
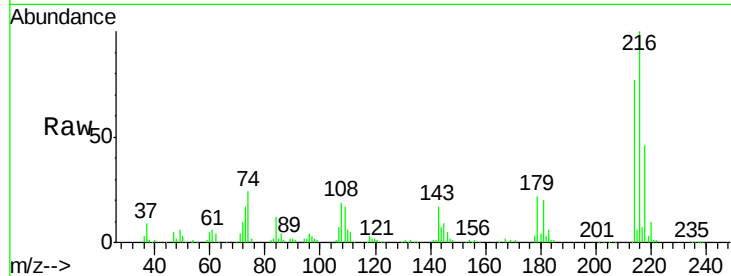
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.190 ng
 RT: 12.36 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	381154		
214	76.5	0.0	0.0	0.0
179	21.6	0.0	0.0	0.0
108	26.4	0.0	0.0	0.0

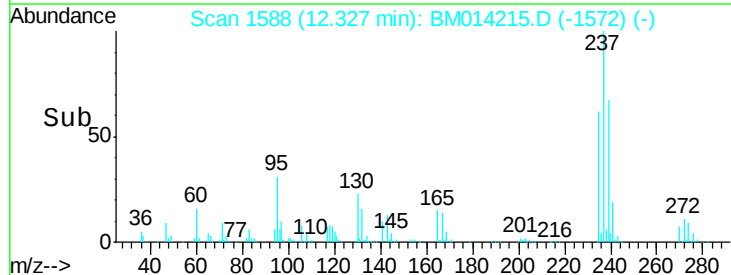
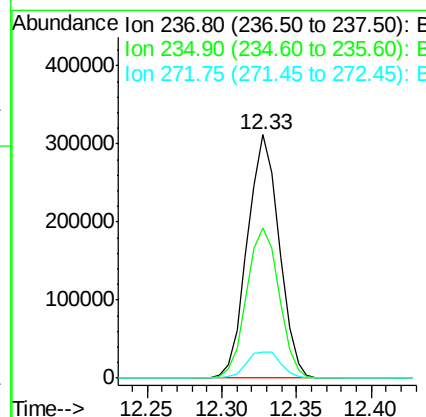
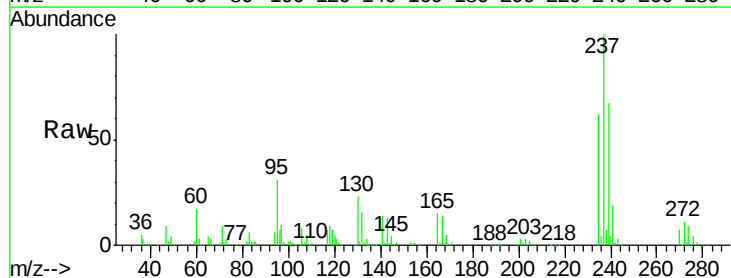
Manual Integrations
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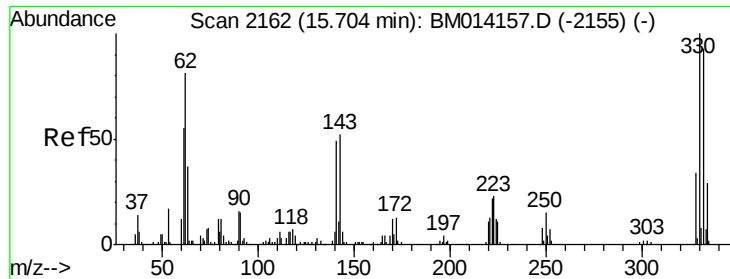
Sohil
 2/13/2018 11:30:42 AM



#40
 Hexachlorocyclopentadiene
 Concen: 65.210 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	458161		
235	61.8	42.0	82.0	
272	10.7	0.0	33.4	





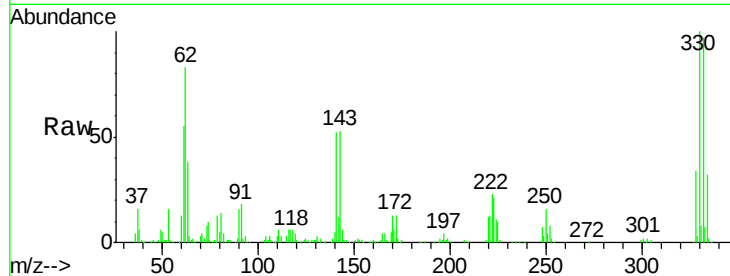
#41
 2,4,6-Tribromophenol
 Concen: 85.831 ng
 RT: 15.70 min Scan# 2161
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

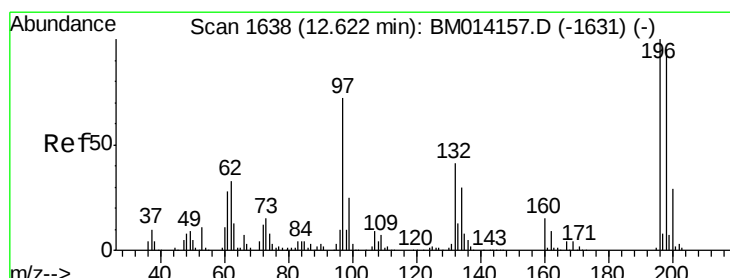
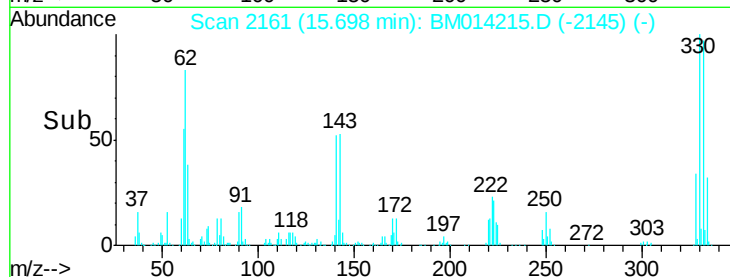
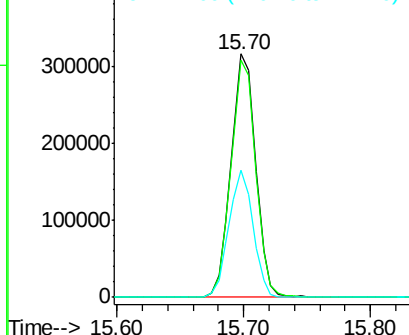
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	0.0	0.0	0.0
141	51.3	0.0	0.0	0.0

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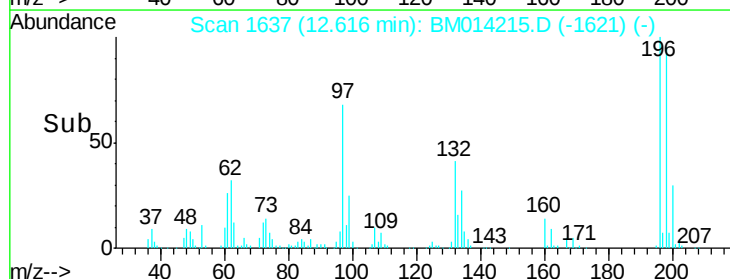
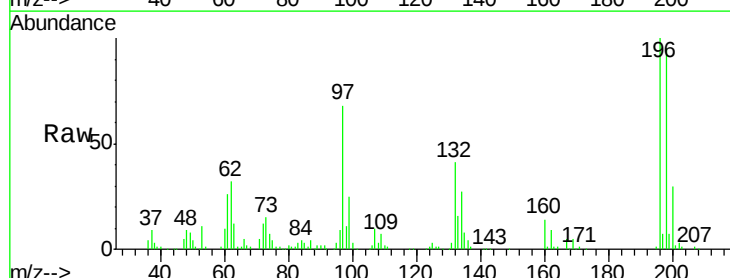
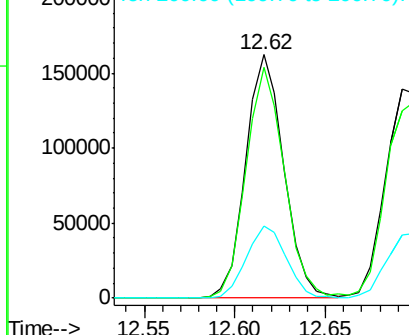
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

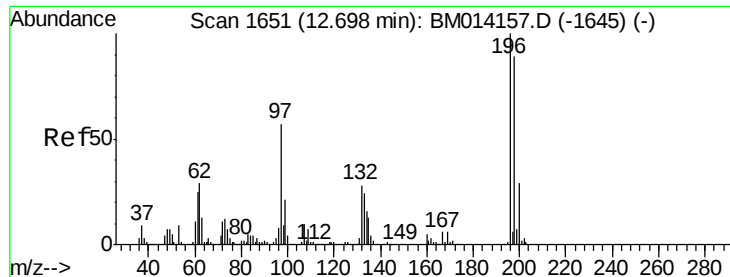


#42
 2,4,6-Trichlorophenol
 Concen: 32.994 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.8	76.3	114.5	
200	29.9	25.6	38.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





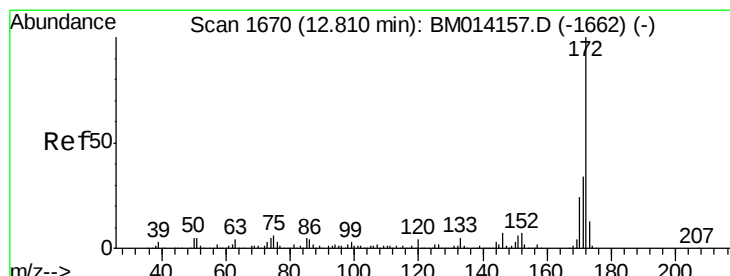
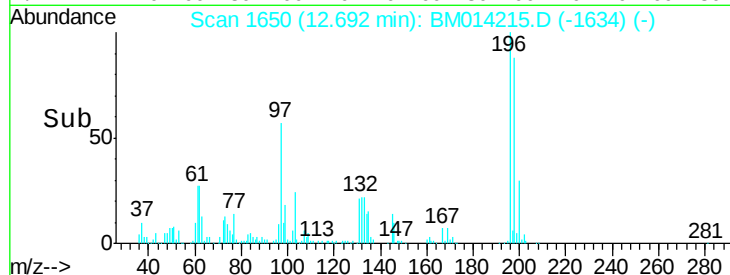
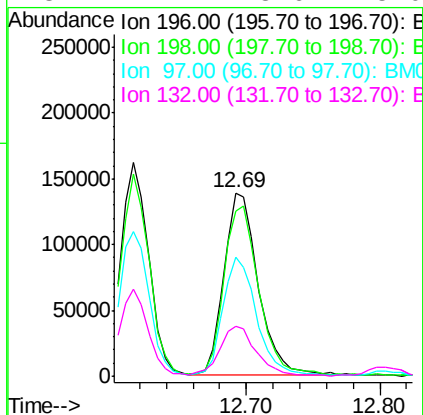
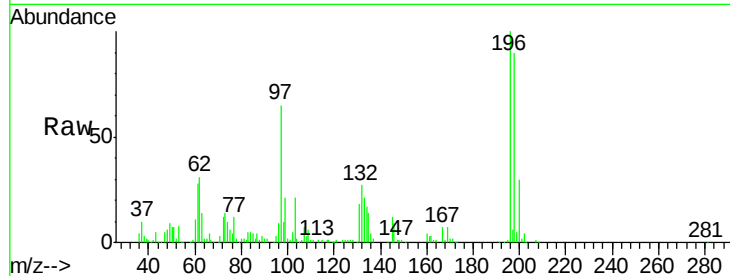
#43
2,4,5-Trichlorophenol
Concen: 31.452 ng
RT: 12.69 min Scan# 1650
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampled :
PB106423BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	89.7	79.4	119.0
97	64.8	26.8	40.2
132	27.4	18.6	28.0

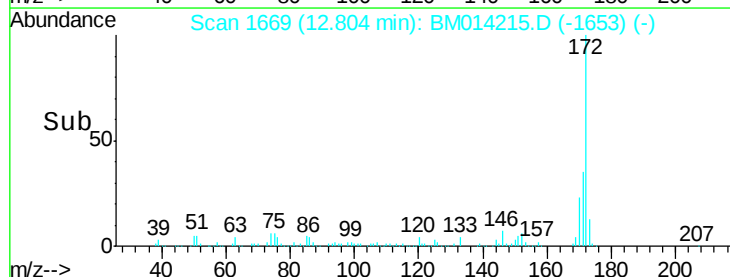
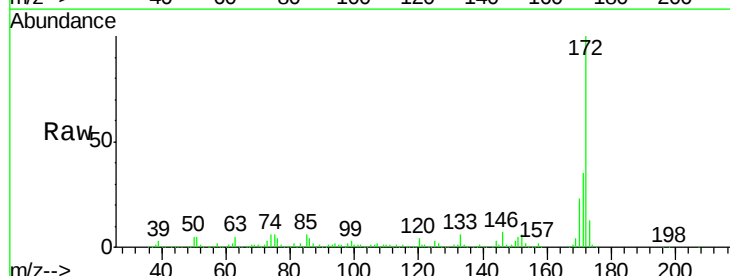
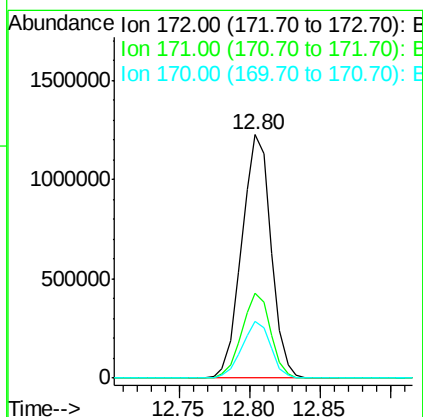
Manual Integrations
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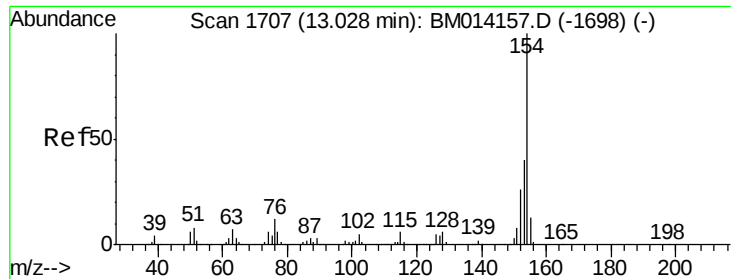
Sohil
2/13/2018 11:30:42 AM



#44
2-Fluorobiphenyl
Concen: 63.660 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.1	18.8	28.2





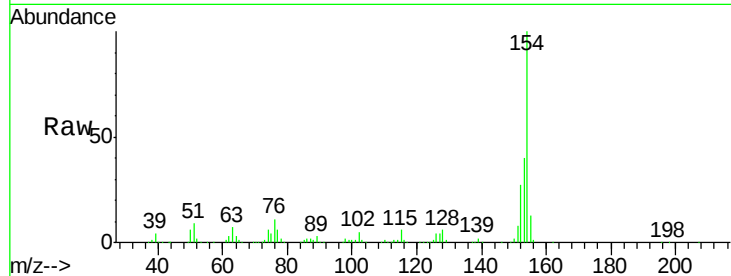
#45
 1,1'-Biphenyl
 Concen: 30.634 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100	925511		
153	39.9	20.7	60.7	
76	11.5	0.0	30.9	

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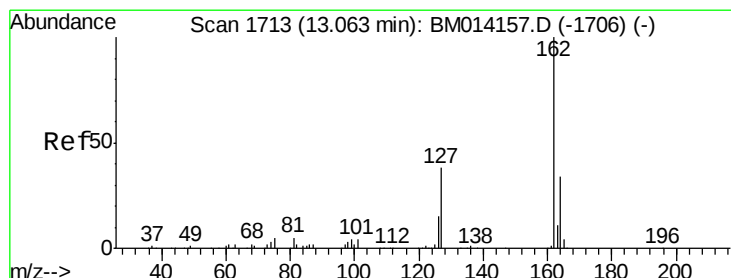
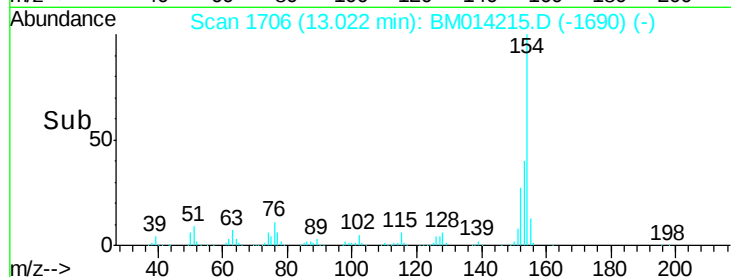
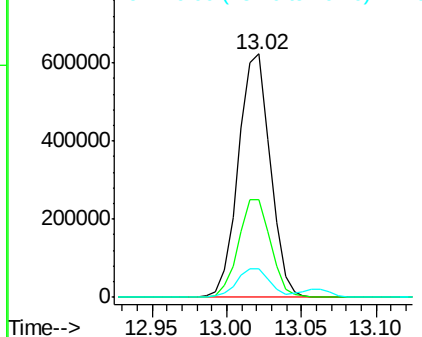


Abundance

Ion 154.00 (153.70 to 154.70): E

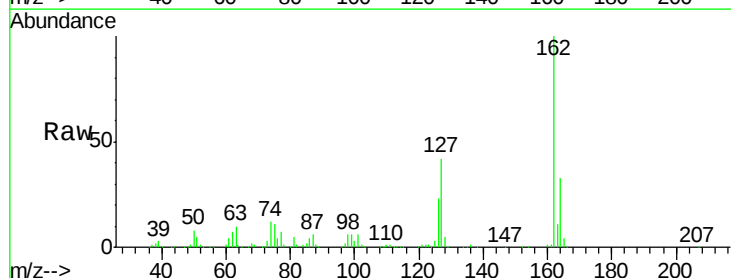
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46
 2-Chloronaphthalene
 Concen: 31.110 ng
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	713449		
127	41.8	26.9	40.3#	
164	32.9	26.8	40.2	

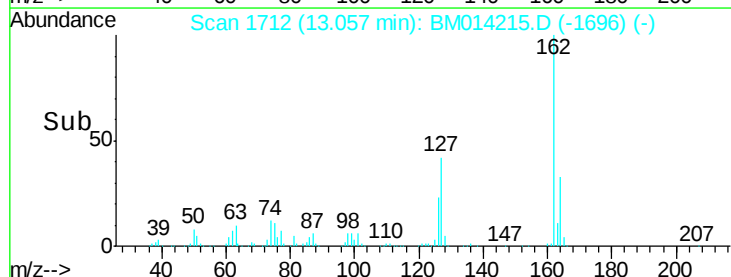
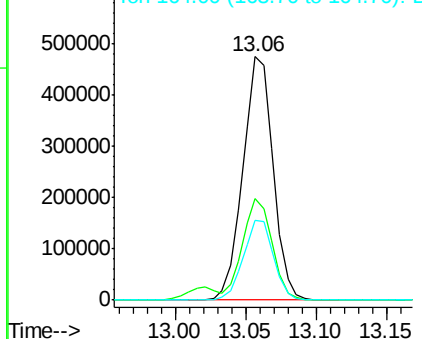


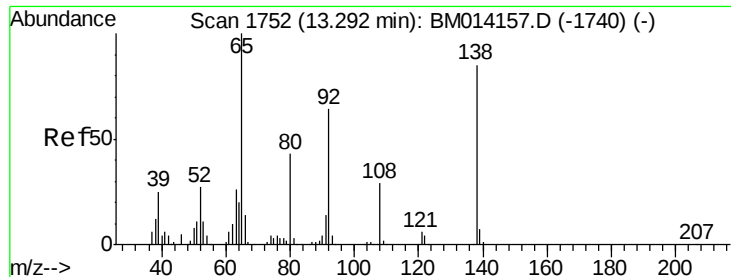
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 27.874 ng

RT: 13.29 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

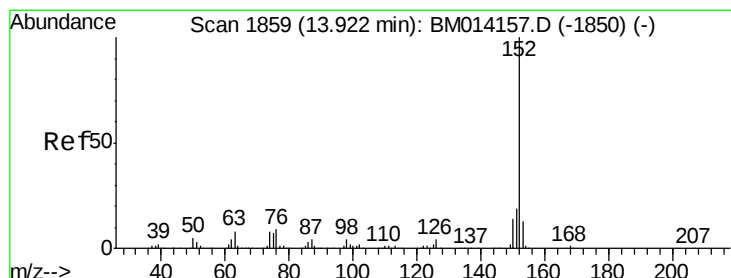
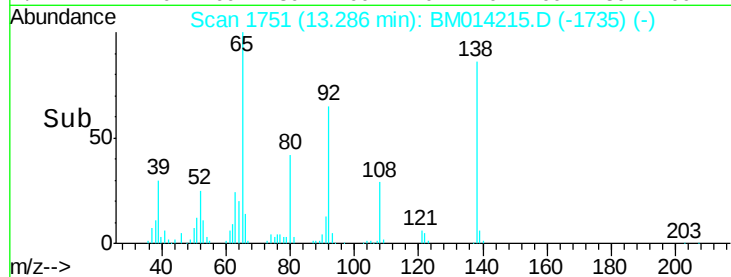
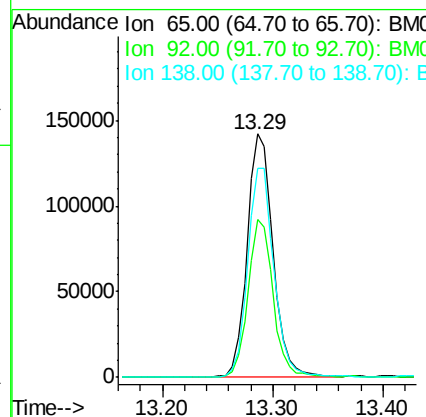
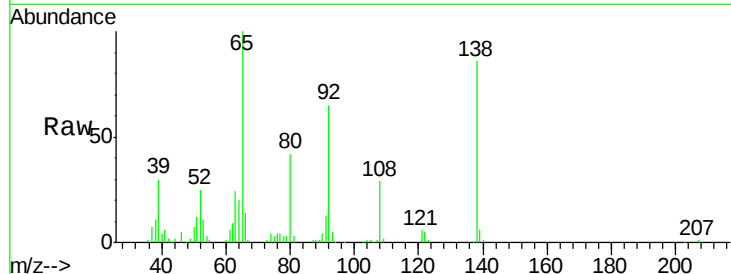
ClientSampleId :

PB106423BS

Tot Ion:	65	Resp:	235235
Ion Ratio		Lower	Upper
65	100		
92	64.8	59.1	88.7
138	86.0	93.9	140.9

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#48

Acenaphthylene

Concen: 29.543 ng

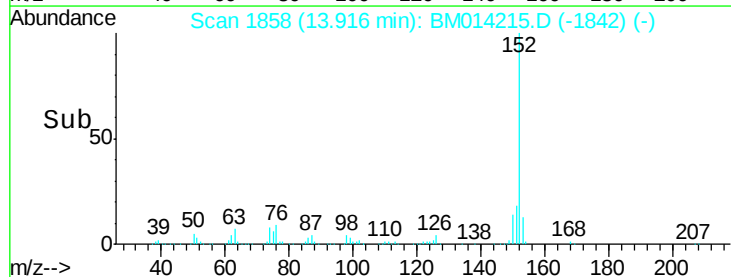
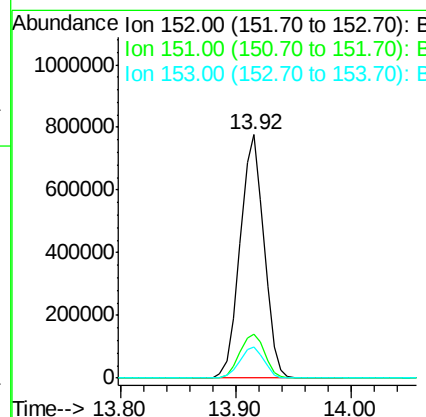
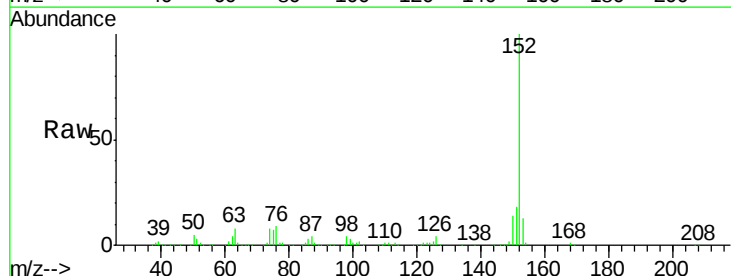
RT: 13.92 min Scan# 1858

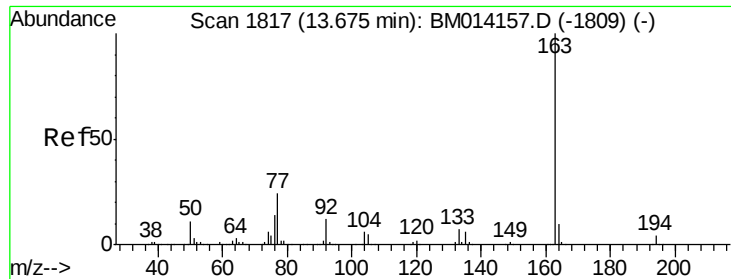
Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tgt Ion:	152	Resp:	1110955
Ion Ratio		Lower	Upper
152	100		
151	18.3	15.9	23.9
153	12.9	10.6	16.0





#49

Dimethylphthalate

Concen: 28.344 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

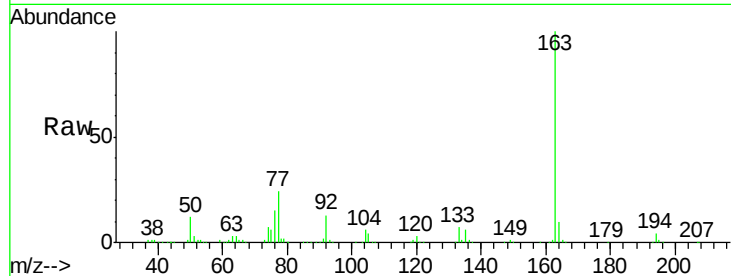
ClientSampleId :

PB106423BS

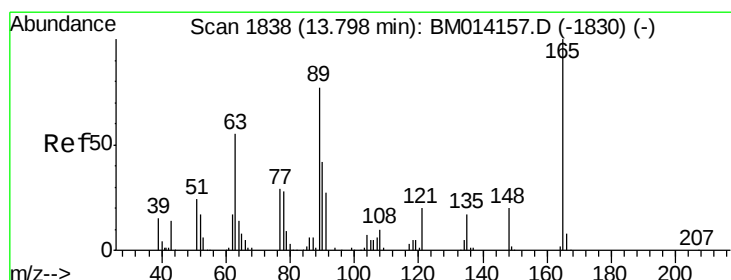
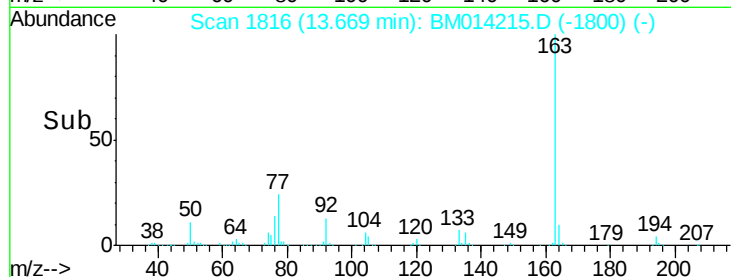
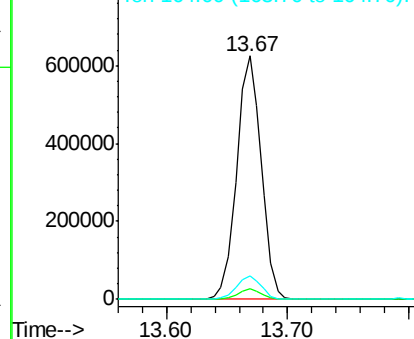
Tot Ion:	163	Resp:	884953
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	9.7	8.2	12.2

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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: 28.791 ng

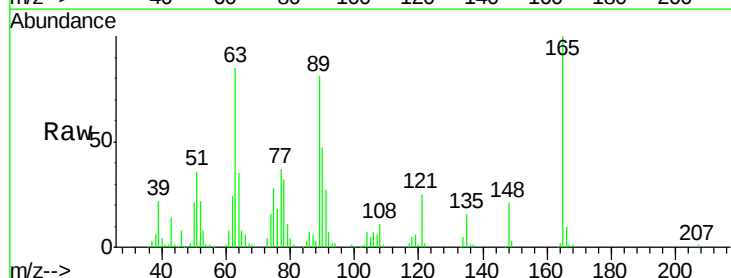
RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

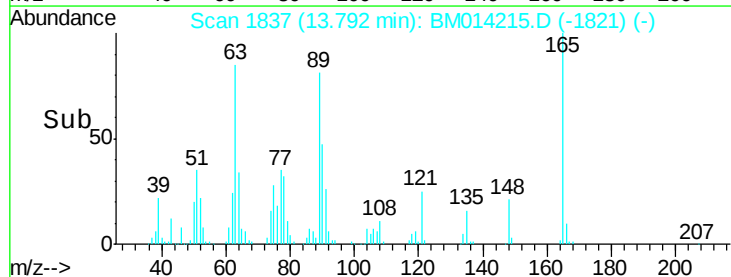
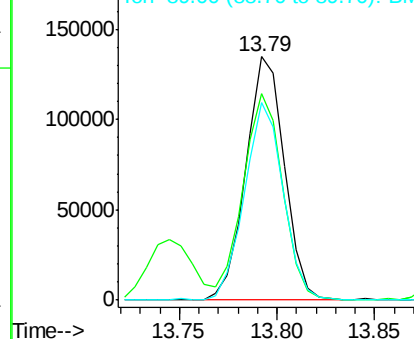
Lab File: BM014215.D

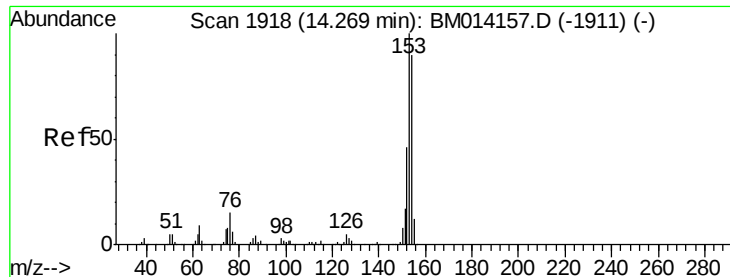
Acq: 09 Feb 2018 14:46

Tgt Ion:	165	Resp:	184457
Ion Ratio	Lower	Upper	
165	100		
63	85.1	44.1	66.1#
89	81.0	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: 29.356 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

ClientSampleId :

PB106423BS

Tot Ion:154 Resp: 680465

Ion Ratio Lower Upper

154 100

153 112.4 90.0 135.0

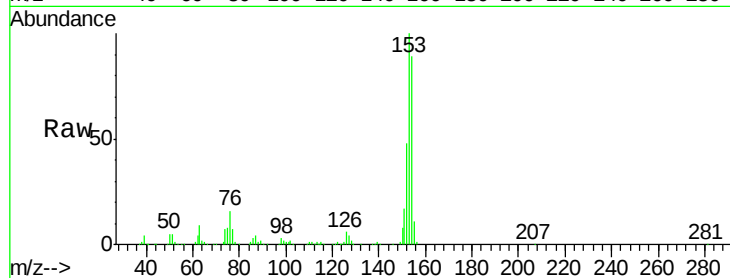
152 53.4 42.6 63.8

Manual Integrations

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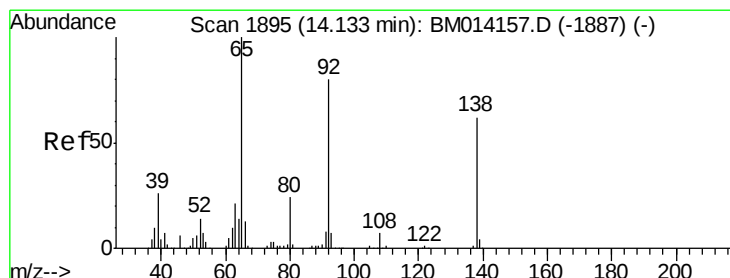
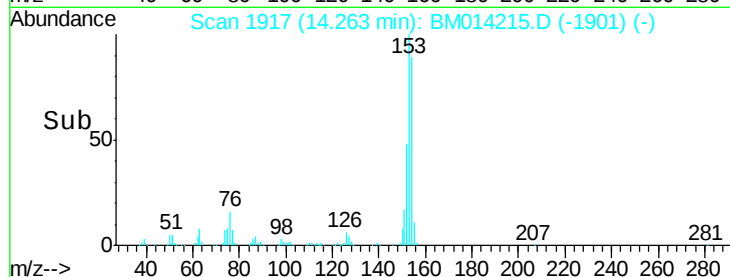
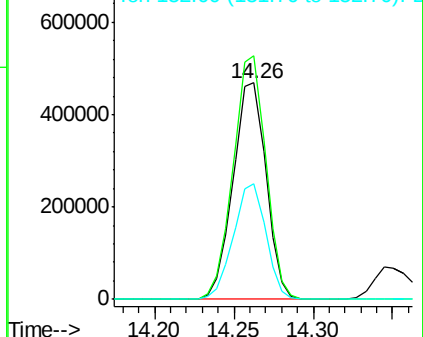
2/13/2018 11:30:42 AM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 11.971 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

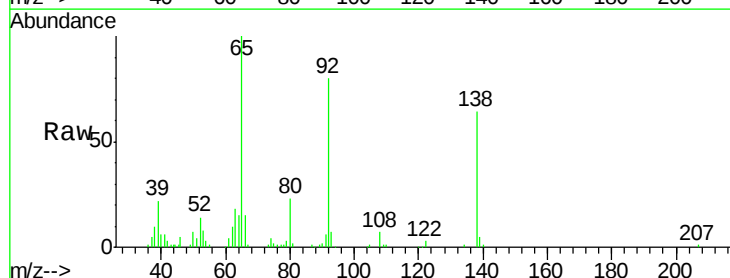
Tgt Ion:138 Resp: 79335

Ion Ratio Lower Upper

138 100

108 10.9 7.3 10.9#

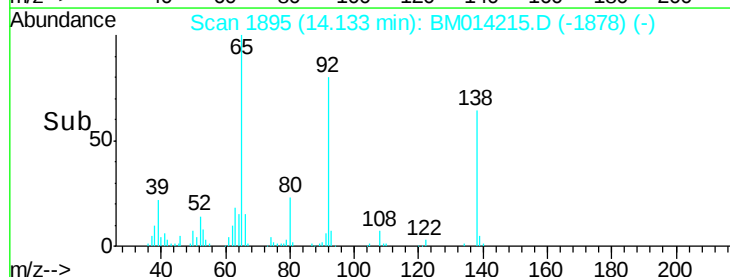
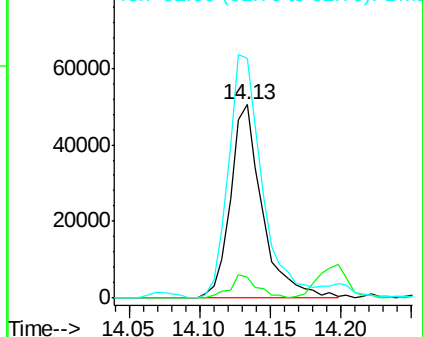
92 123.9 76.6 114.8#

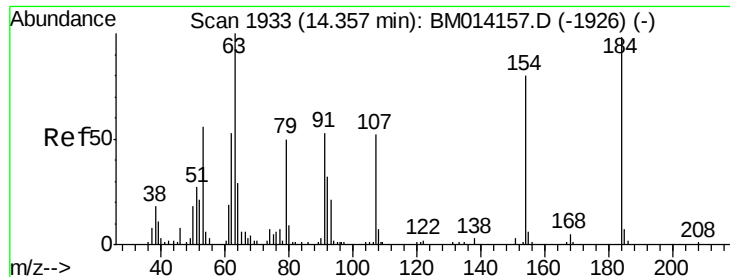


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





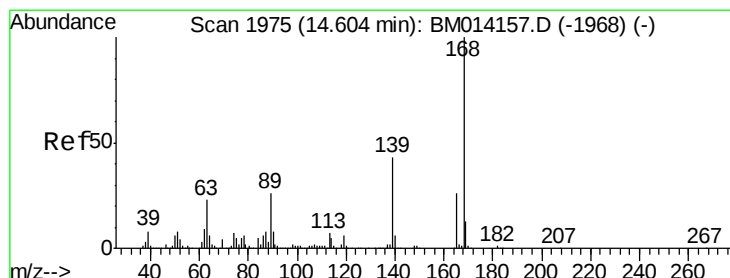
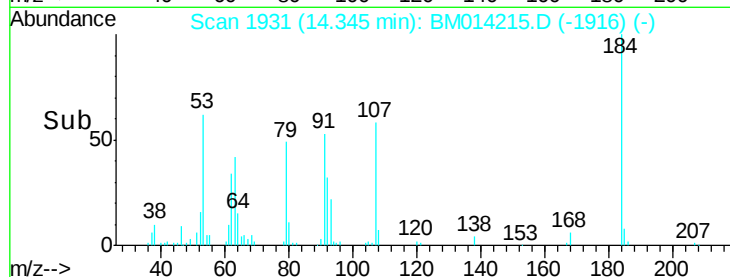
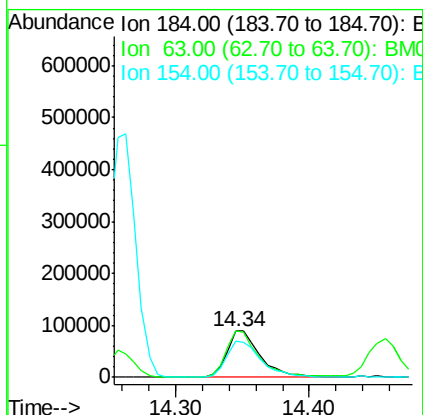
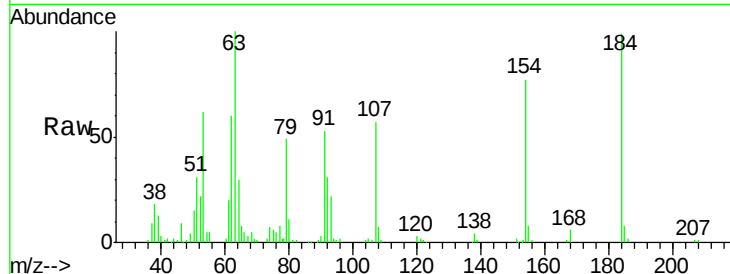
#53
2,4-Dinitrophenol
Concen: 46.509 ng
RT: 14.34 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	100.8	69.2	103.8
154	77.4	53.3	79.9

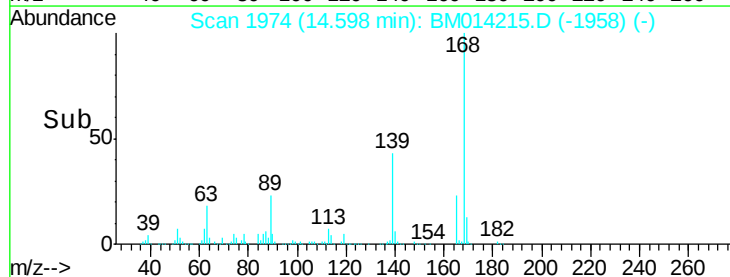
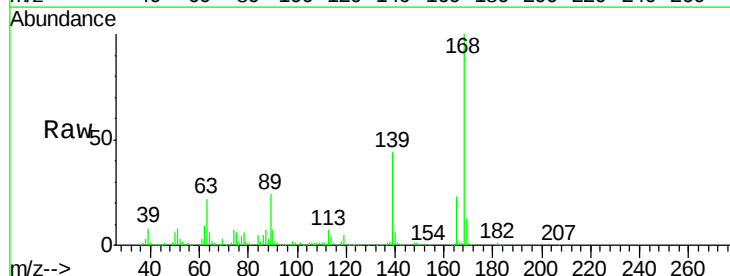
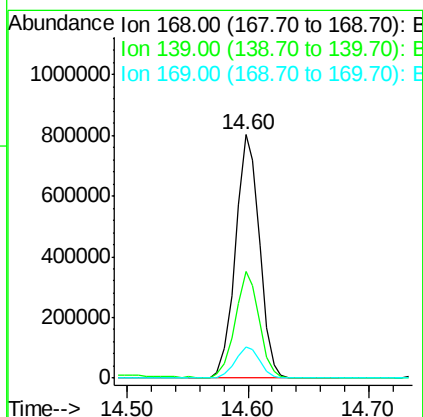
Manual Integrations
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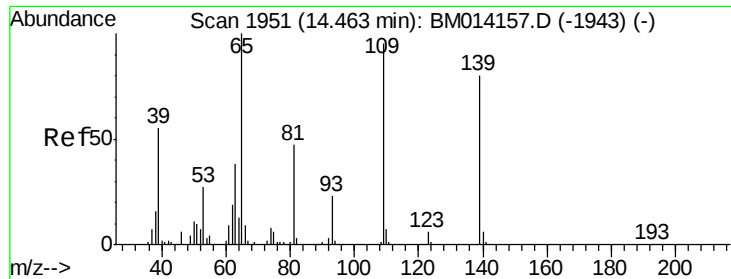
Sohil
2/13/2018 11:30:42 AM



#54
Dibenzofuran
Concen: 30.702 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.0	27.3	40.9#
169	12.9	10.6	16.0





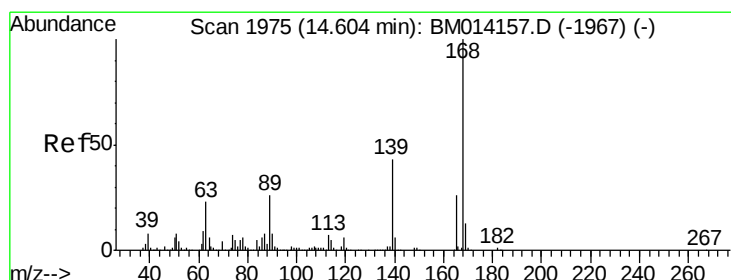
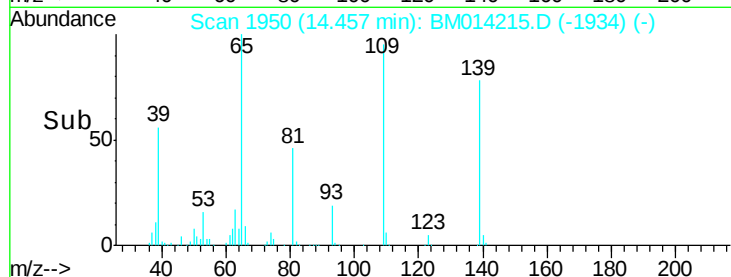
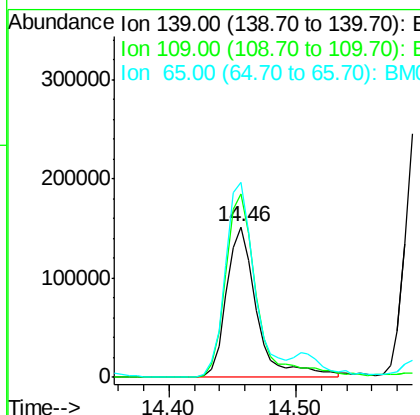
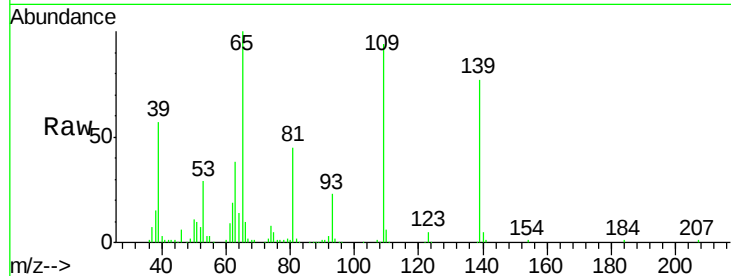
#55
4-Nitrophenol
Concen: 50.521 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	122.3	130.0	170.0#	
65	129.7	130.0	170.0#	

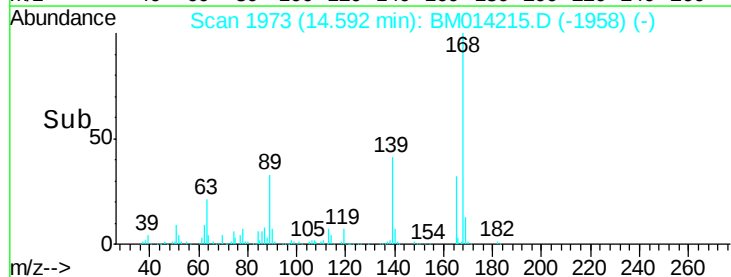
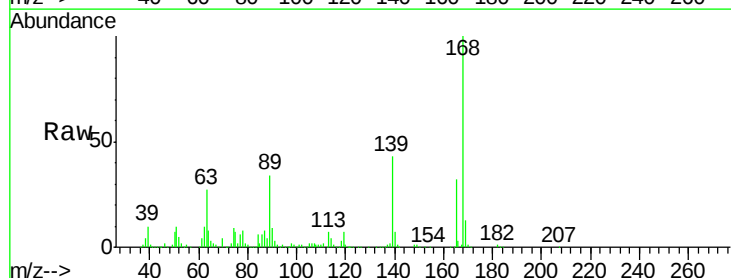
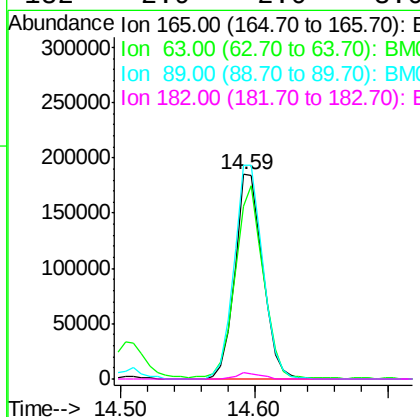
Manual Integrations
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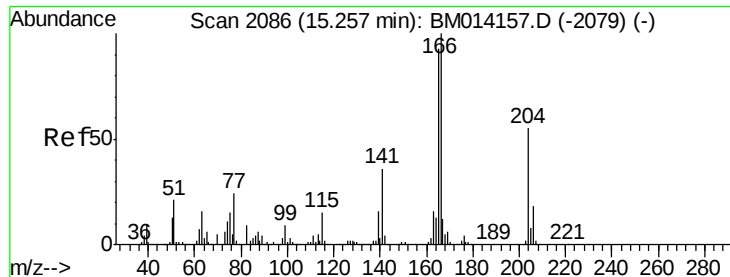
Sohil
2/13/2018 11:30:42 AM



#56
2,4-Dinitrotoluene
Concen: 27.116 ng
RT: 14.59 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	84.2	52.4	78.6#	
89	104.4	72.4	108.6	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 29.342 ng

RT: 15.25 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

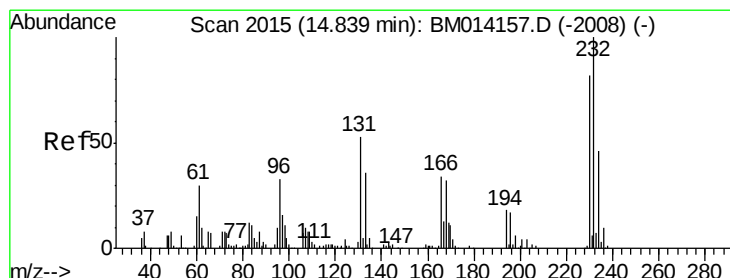
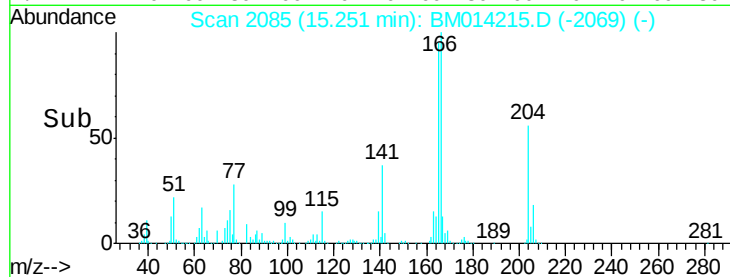
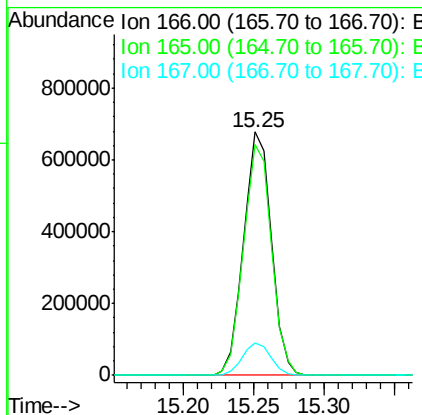
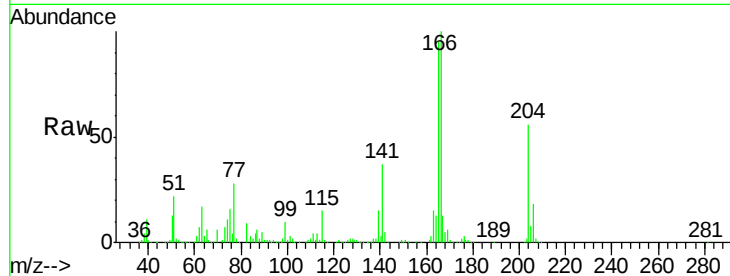
ClientSampleId :

PB106423BS

Tot Ion:	166	Resp:	934973
Ion Ratio	Lower	Upper	
166	100		
165	95.1	79.0	118.4
167	13.5	10.3	15.5

Manual Integrations
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Sohil
2/13/2018 11:30:42 AM



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.275 ng

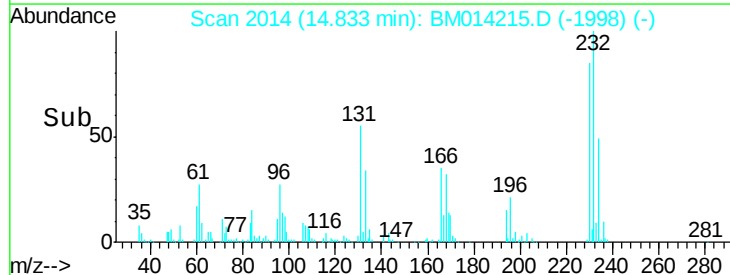
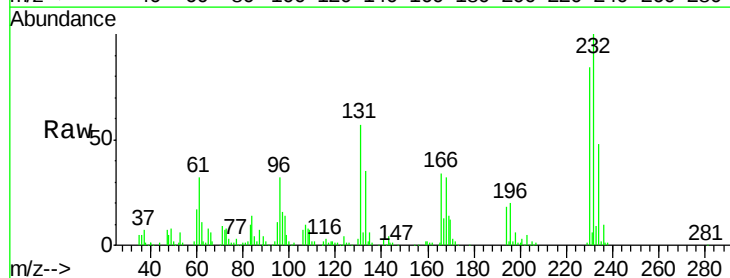
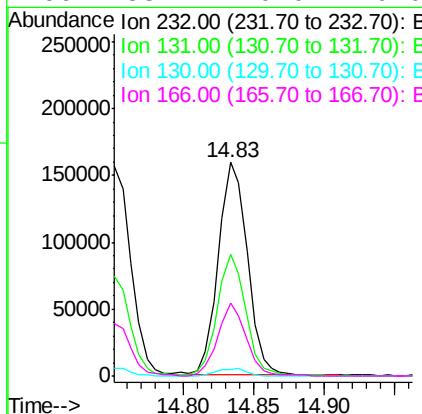
RT: 14.83 min Scan# 2014

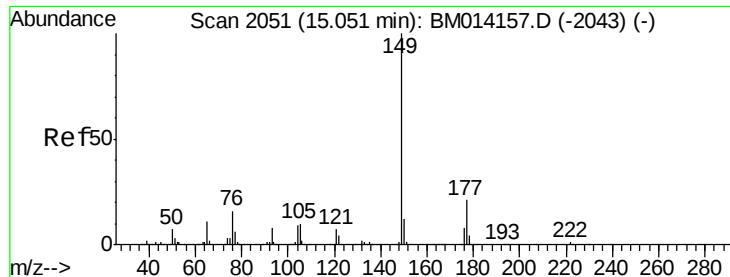
Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tgt Ion:	232	Resp:	228607
Ion Ratio	Lower	Upper	
232	100		
131	55.2	0.0	0.0#
130	3.6	0.0	0.0#
166	33.4	0.0	0.0#





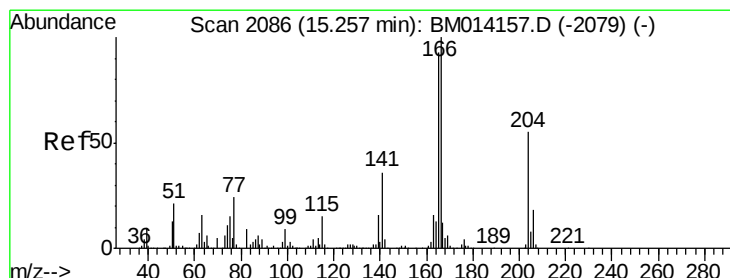
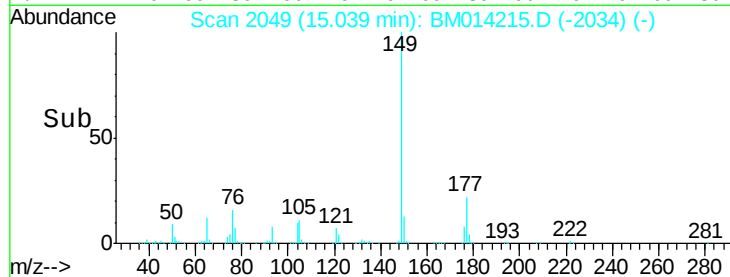
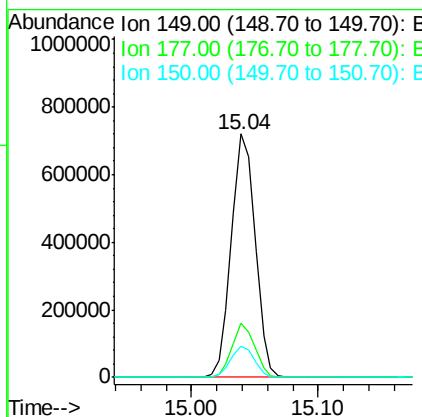
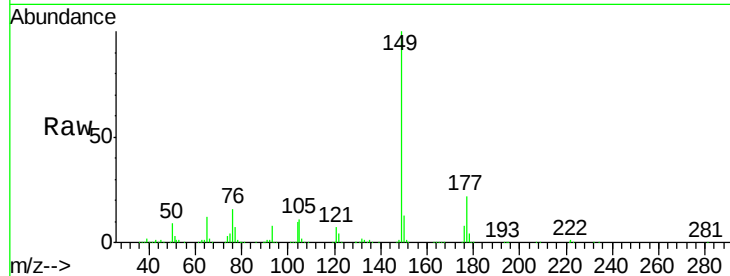
#59
Diethylphthalate
Concen: 26.952 ng
RT: 15.04 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	934103		
177	22.4	18.3	27.5	
150	13.0	9.8	14.8	

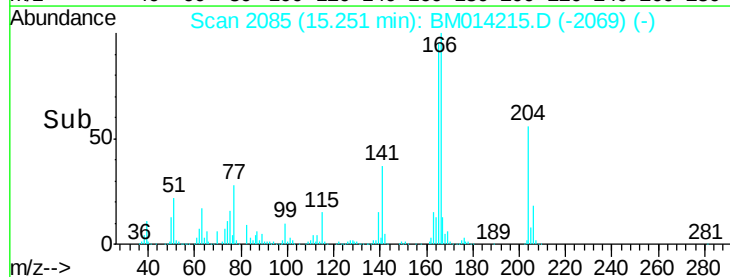
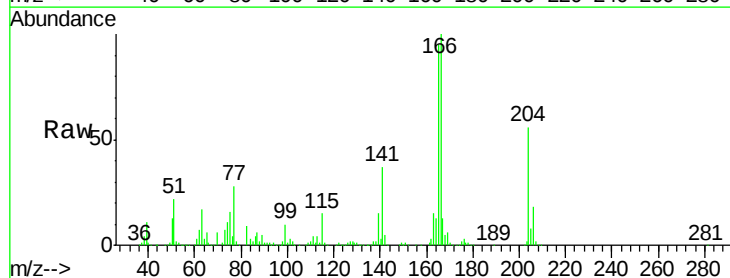
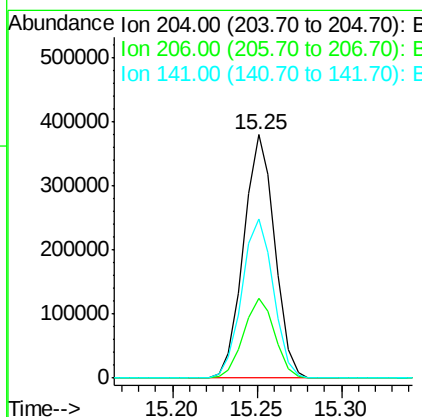
Manual Integrations
APPROVED

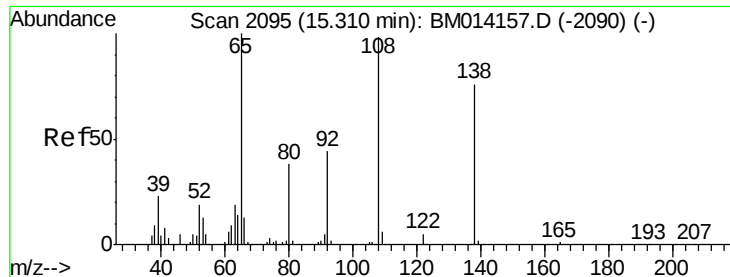
Sohil
2/13/2018 11:30:42 AM



#60
4-Chlorophenyl-phenylether
Concen: 29.429 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	487456		
206	33.0	26.6	39.8	
141	65.3	45.2	67.8	





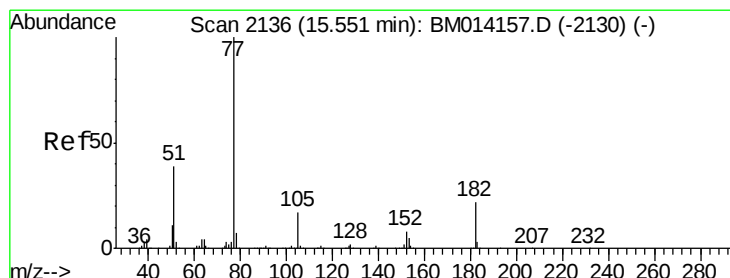
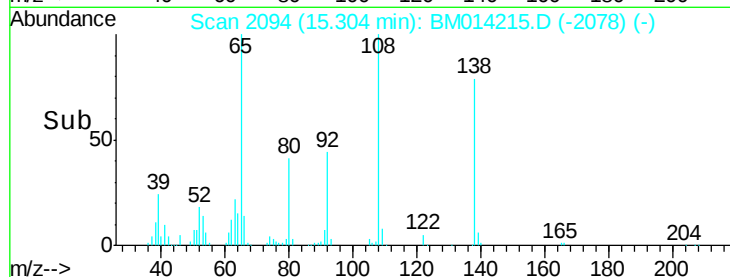
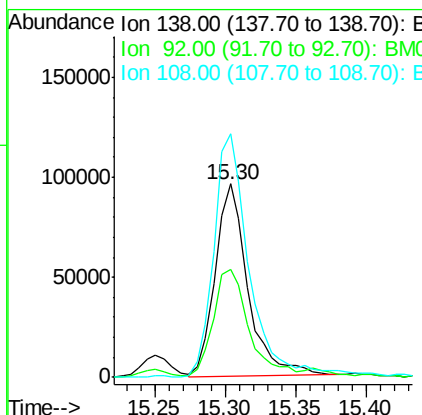
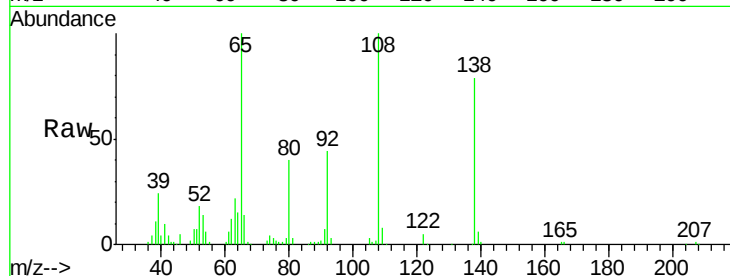
#61
4-Nitroaniline
Concen: 23.300 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.9	16.7	56.7
108	126.0	37.6	77.6#

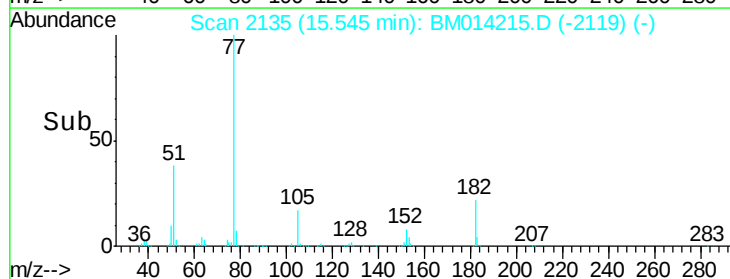
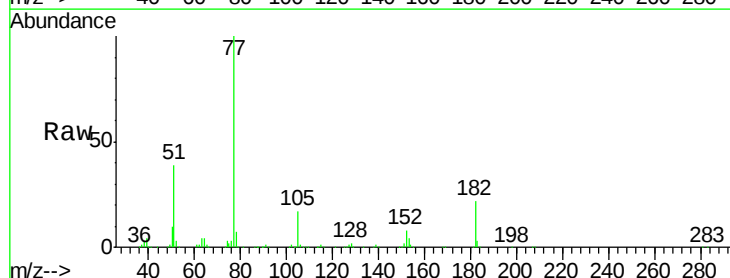
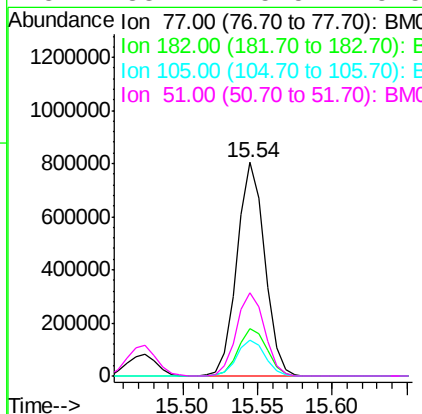
Manual Integrations
APPROVED

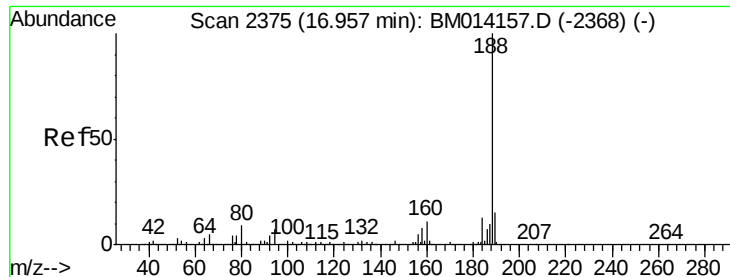
Sohil
2/13/2018 11:30:42 AM



#62
Azobenzene
Concen: 28.900 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	6.5	46.5
105	16.8	3.8	43.8
51	38.7	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

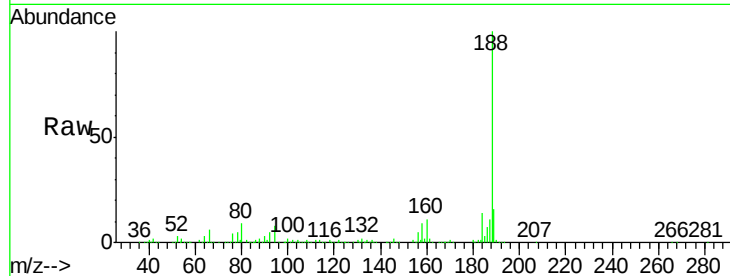
ClientSampleId :

PB106423BS

Tot Ion:	188	Resp:	762274
Ion Ratio		Lower	Upper
188	100		
94	7.6	8.7	13.1#
80	8.7	9.3	13.9#

Manual Integrations
APPROVED

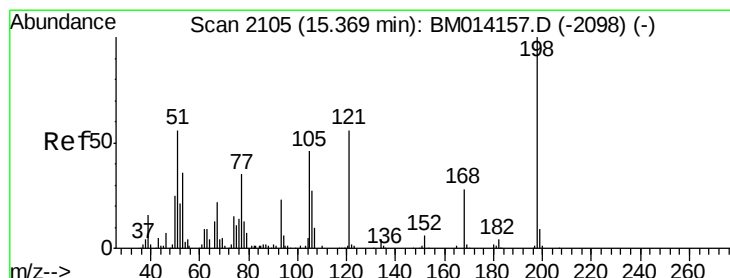
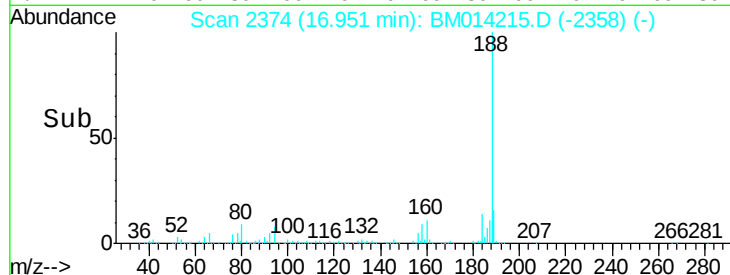
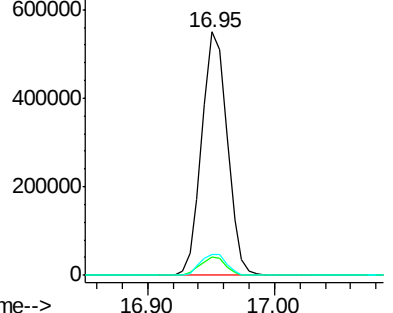
Sohil
2/13/2018 11:30:42 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM014215.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM014215.D (-2368) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 25.477 ng

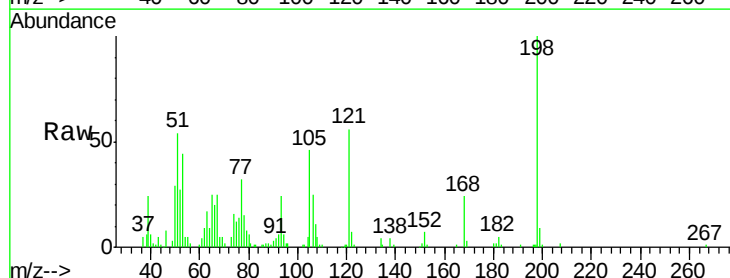
RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

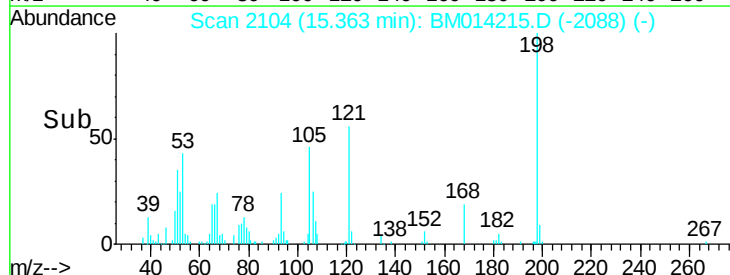
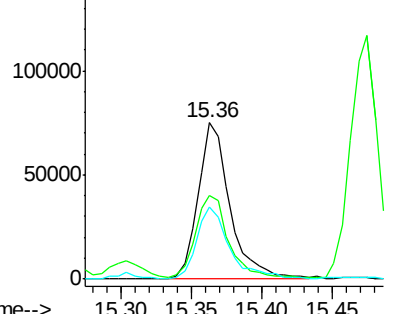
Tgt Ion:	198	Resp:	117583
Ion Ratio		Lower	Upper
198	100		
51	53.8	28.8	68.8
105	46.2	30.5	70.5

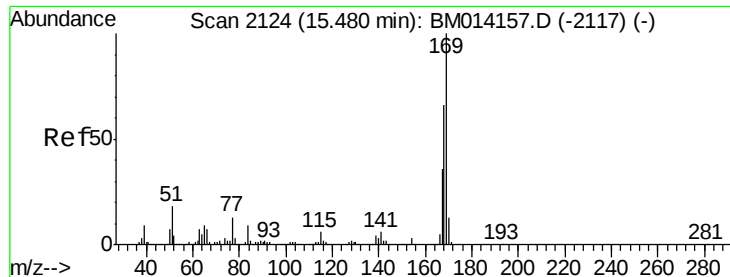


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM014215.D (-2098) (-)

Ion 105.00 (104.70 to 105.70): BM014215.D (-2098) (-)





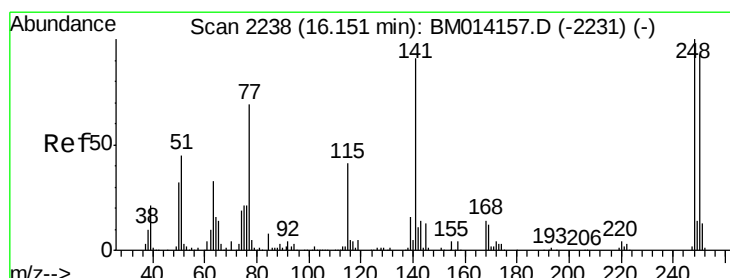
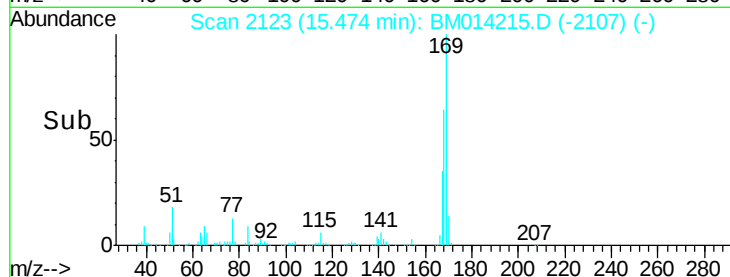
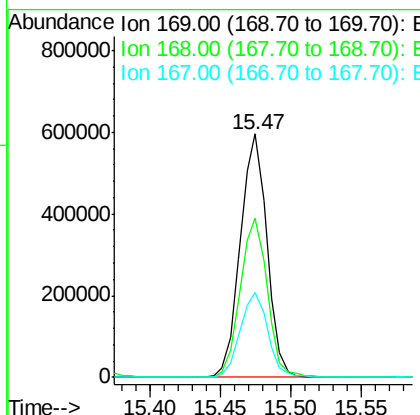
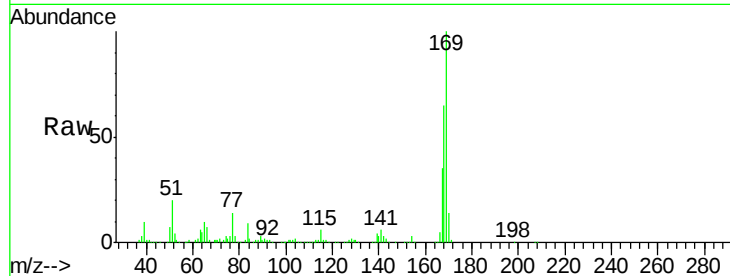
#65
n-Nitrosodiphenylamine
Concen: 32.636 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		785376		
168	65.2	53.9		80.9	
167	34.7	28.9		43.3	

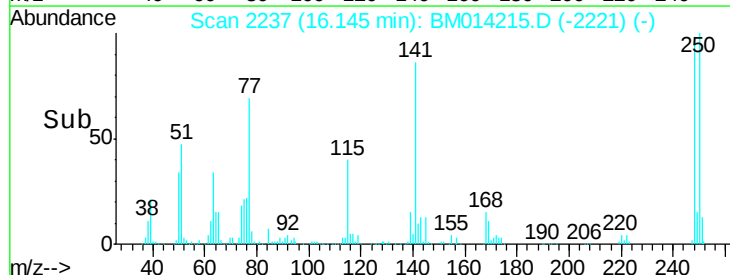
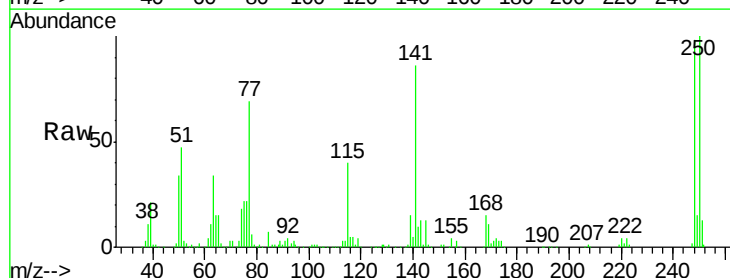
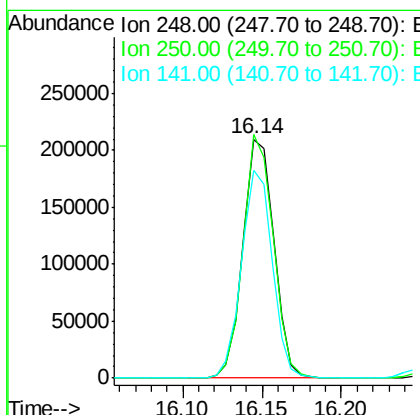
Manual Integrations
APPROVED

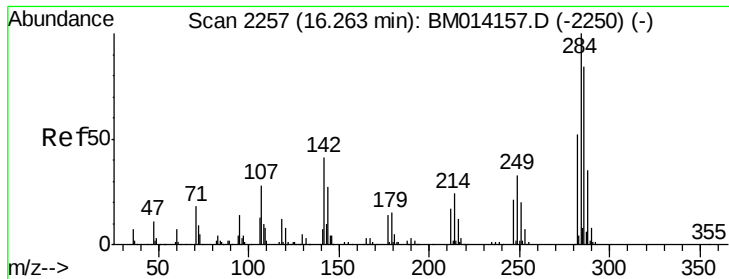
Sohil
2/13/2018 11:30:42 AM



#66
4-Bromophenyl-phenylether
Concen: 32.079 ng
RT: 16.14 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		286611		
250	102.0	77.4		116.0	
141	87.3	45.2		67.8	





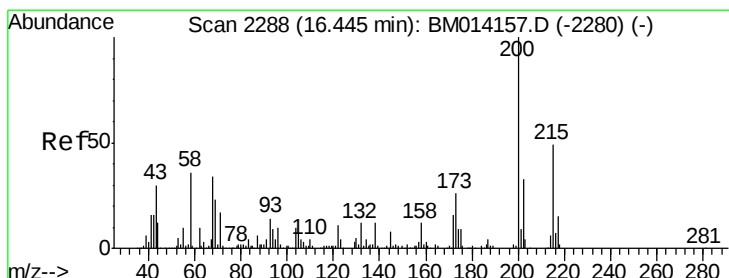
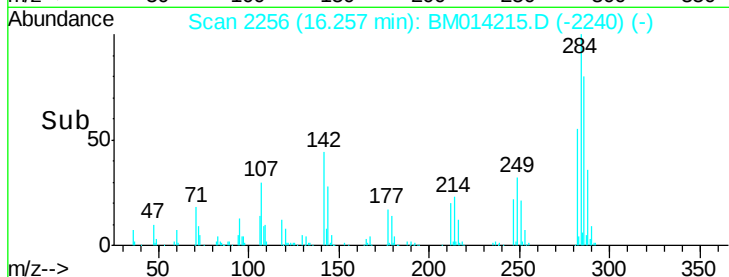
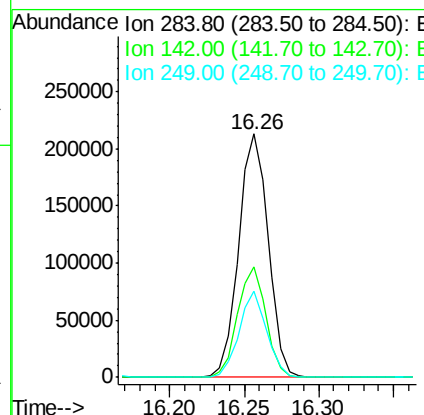
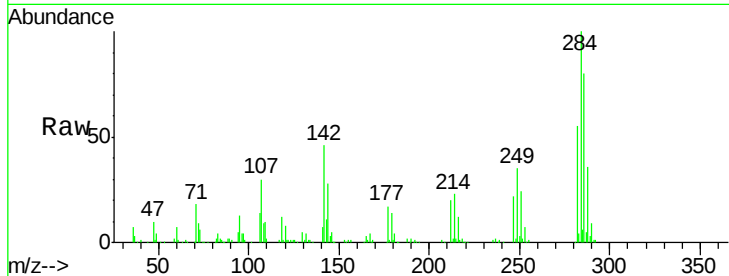
#67
Hexachlorobenzene
Concen: 29.964 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	293914		
142	45.5	20.4	30.6#	
249	35.2	23.8	35.6	

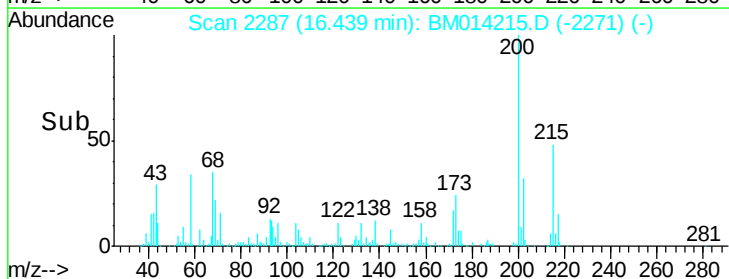
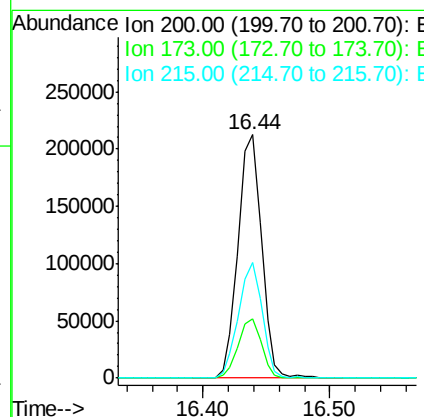
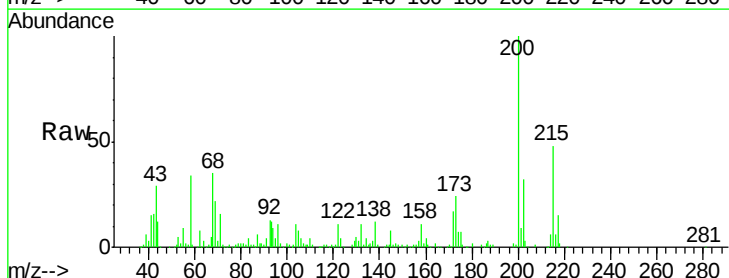
Manual Integrations
APPROVED

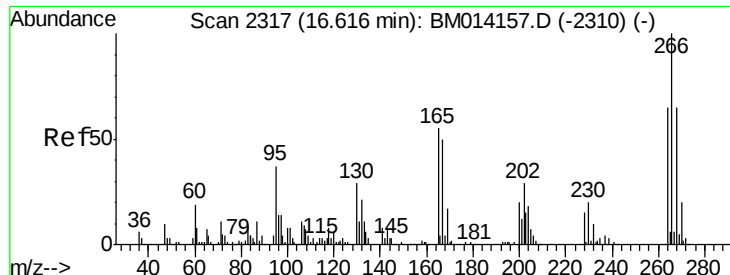
Sohil
2/13/2018 11:30:42 AM



#68
Atrazine
Concen: 30.274 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	273249		
173	24.2	4.8	44.8	
215	47.7	26.9	66.9	





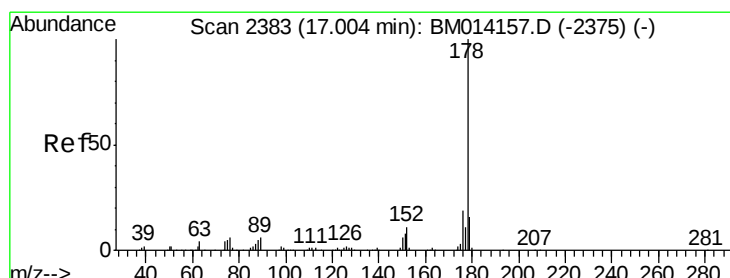
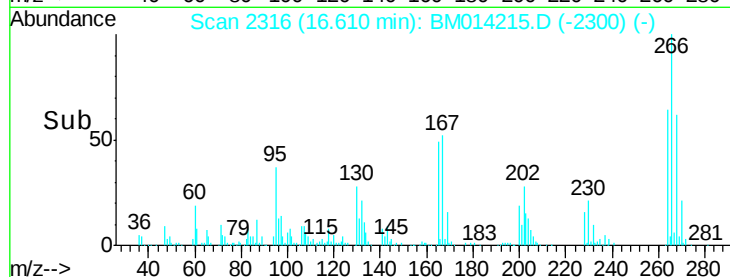
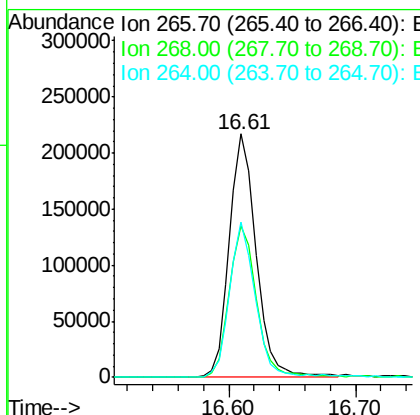
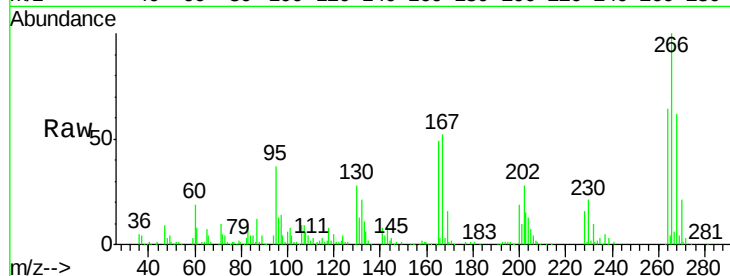
#69
 Pentachlorophenol
 Concen: 49.881 ng
 RT: 16.61 min Scan# 2316
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.0	78.0
264	63.7	49.0	73.4

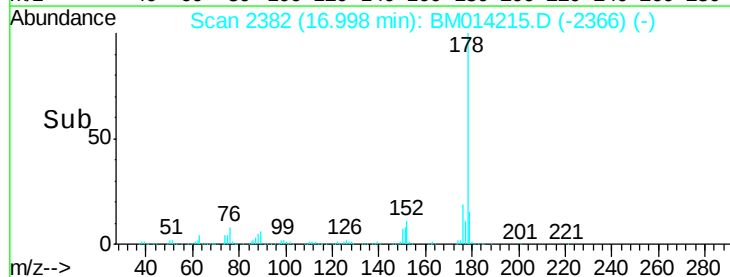
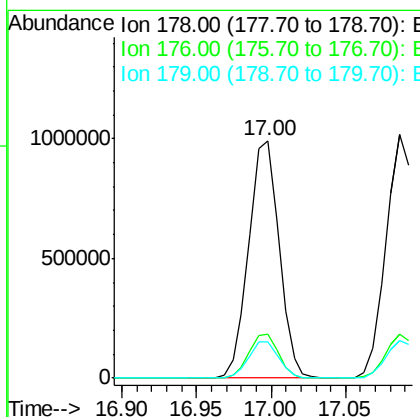
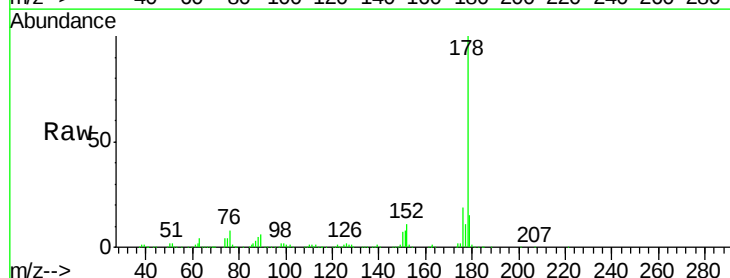
Manual Integrations
 APPROVED

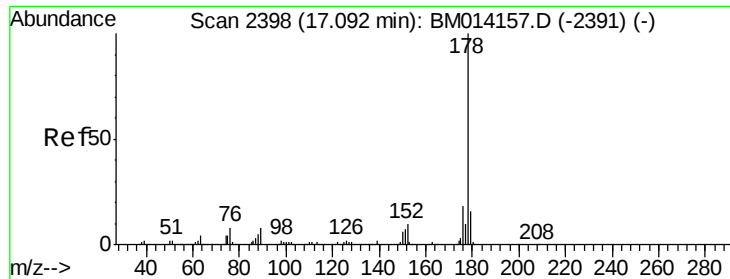
Sohil
 2/13/2018 11:30:42 AM



#70
 Phenanthrene
 Concen: 30.380 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.1	12.1	18.1





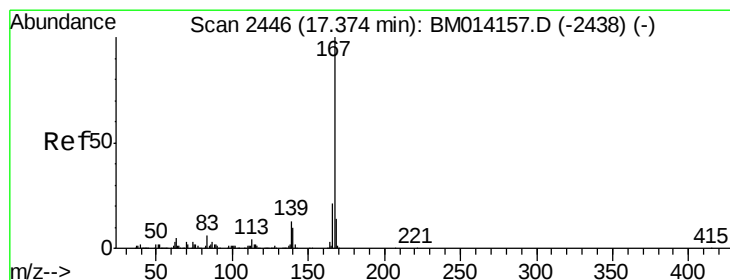
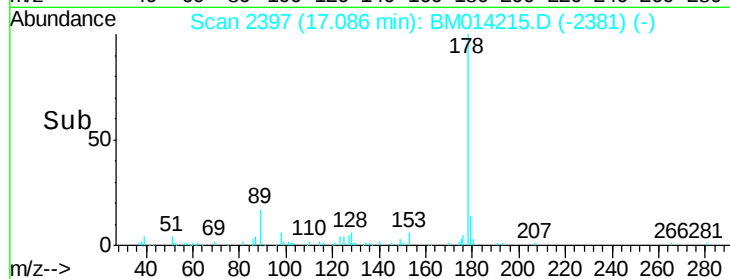
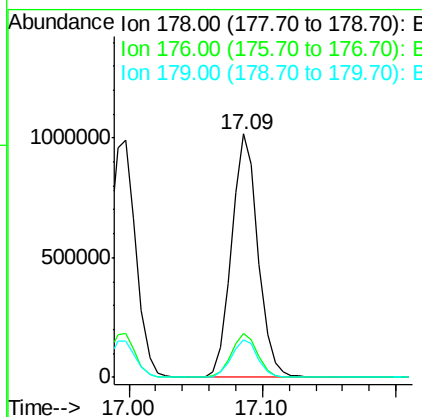
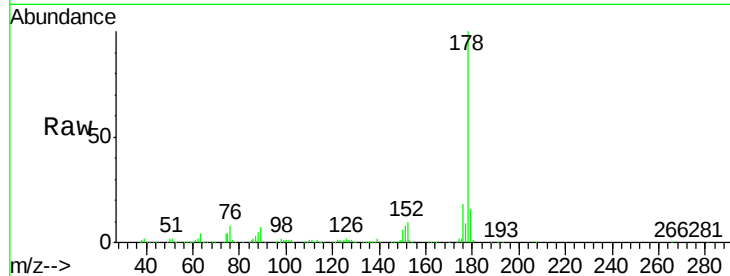
#71
 Anthracene
 Concen: 31.195 ng
 RT: 17.09 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.5	12.6	19.0

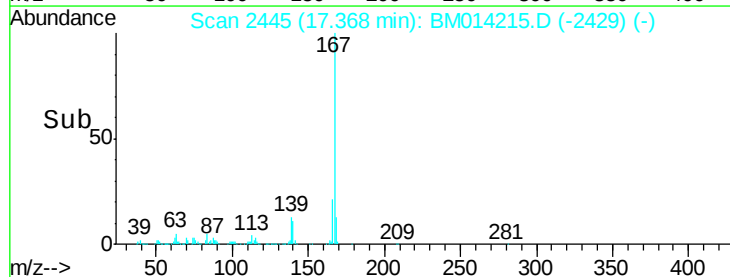
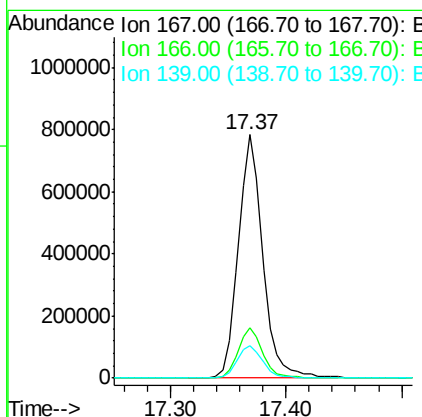
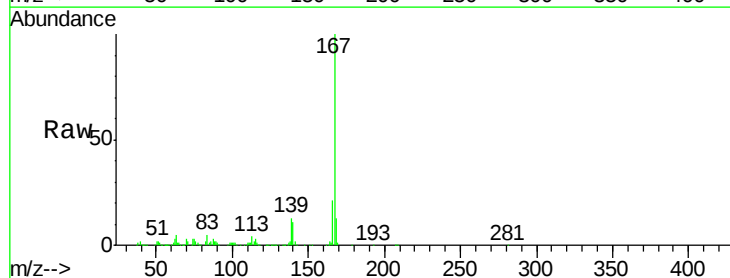
Manual Integrations
 APPROVED

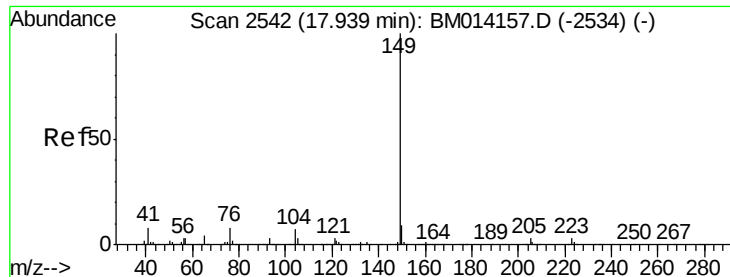
Sohil
 2/13/2018 11:30:42 AM



#72
 Carbazole
 Concen: 27.295 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.2	25.8
139	13.1	10.8	16.2





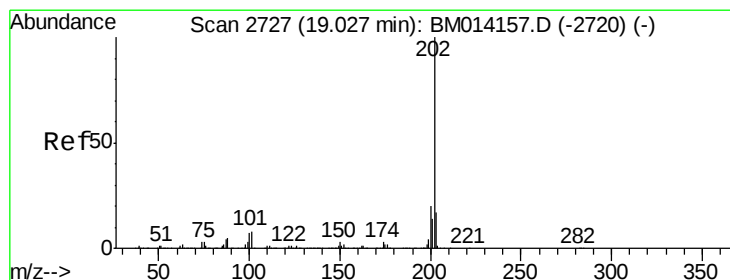
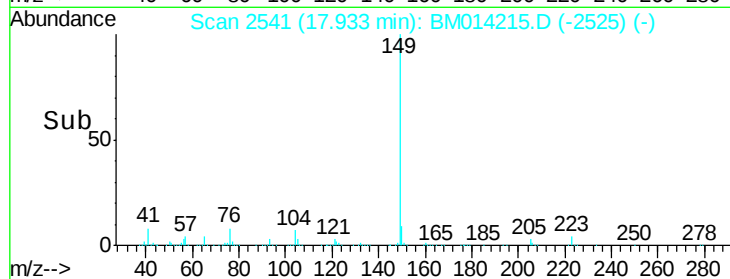
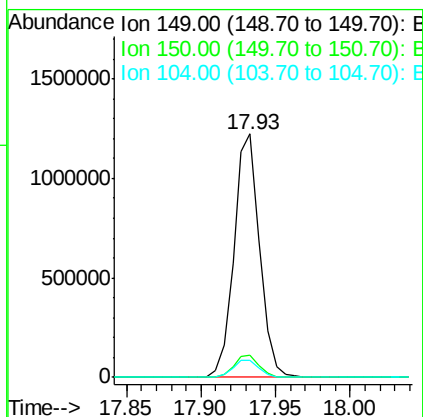
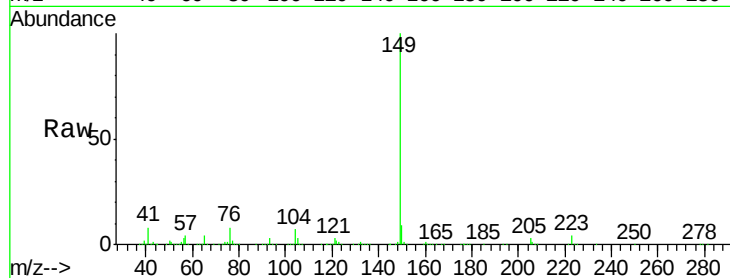
#73
Di-n-butylphthalate
Concen: 27.081 ng
RT: 17.93 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	7.0	3.7	5.5

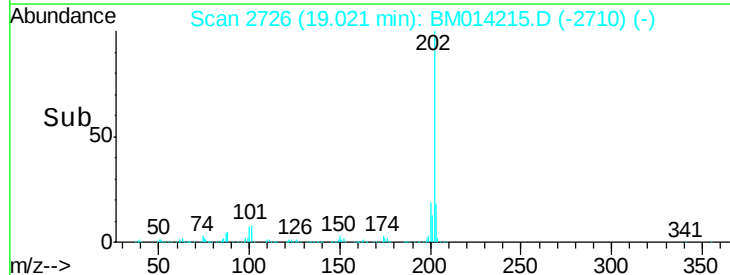
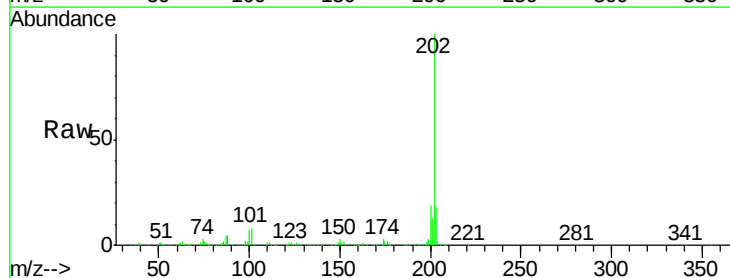
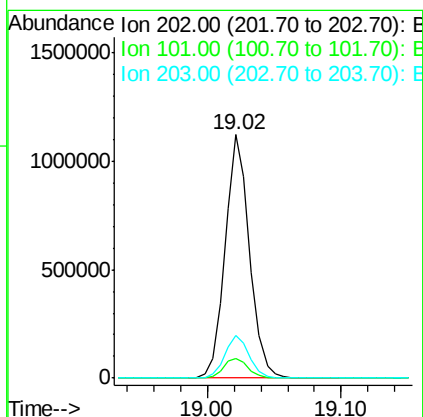
Manual Integrations
APPROVED

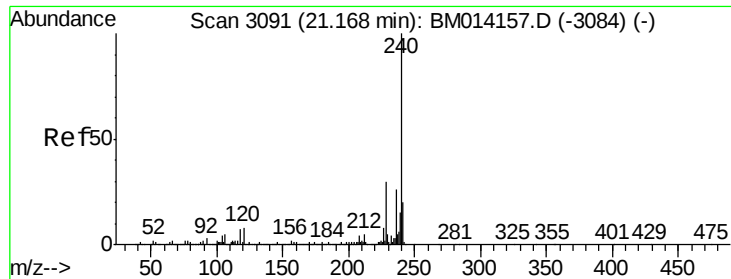
Sohil
2/13/2018 11:30:42 AM



#74
Fluoranthene
Concen: 26.570 ng
RT: 19.02 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

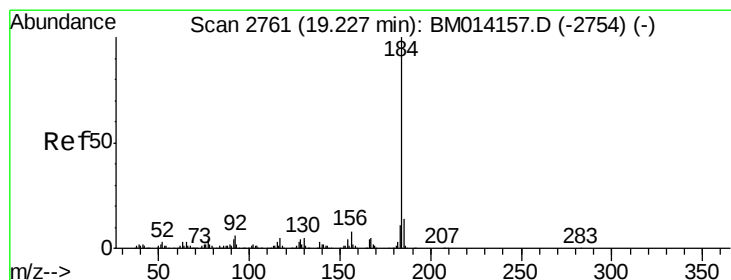
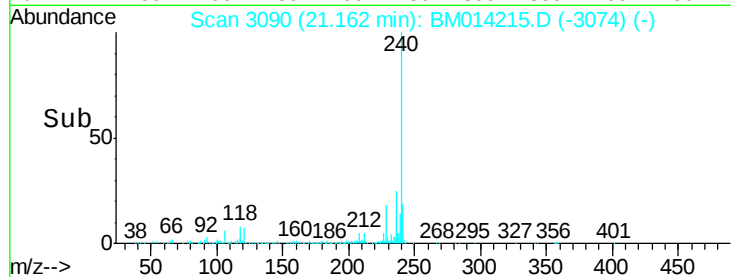
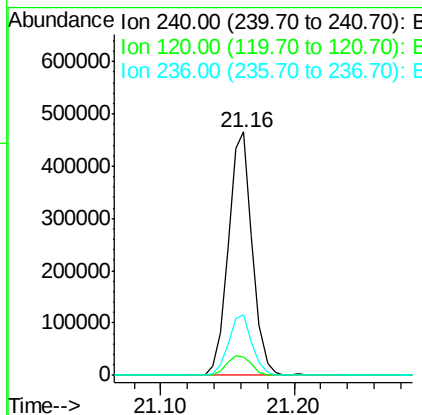
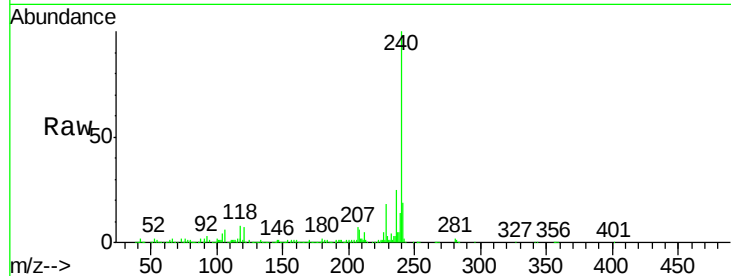
ClientSampleId :

PB106423BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.2	12.2#
236	24.9	20.0	30.0

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#76

Benzidine

Concen: 24.083 ng

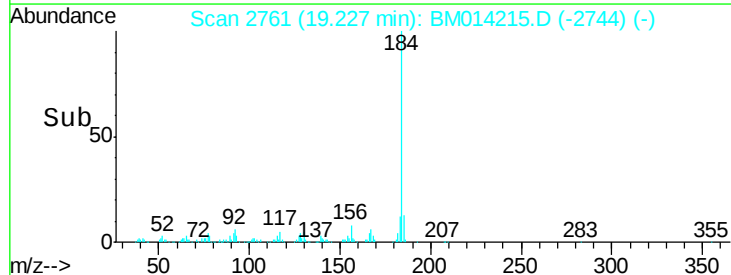
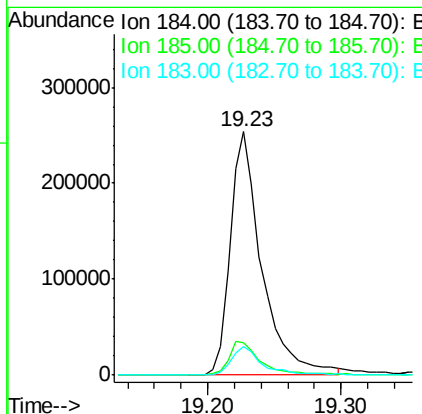
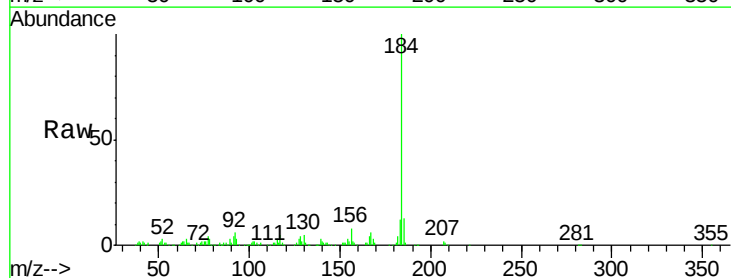
RT: 19.23 min Scan# 2761

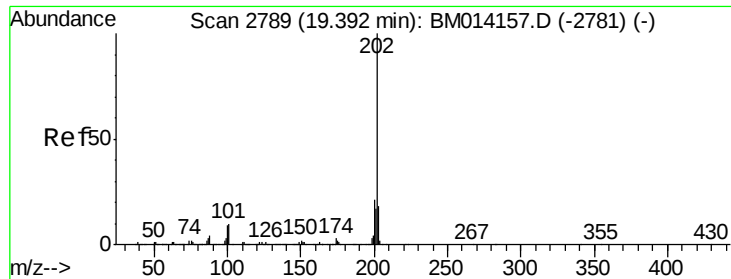
Delta R.T. -0.00 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.3	16.9
183	11.5	8.9	13.3





#77

Pvrene

Concen: 35.502 ng

RT: 19.39 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM014215.D

Acq: 09 Feb 2018 14:46

Instrument :

BNA_M

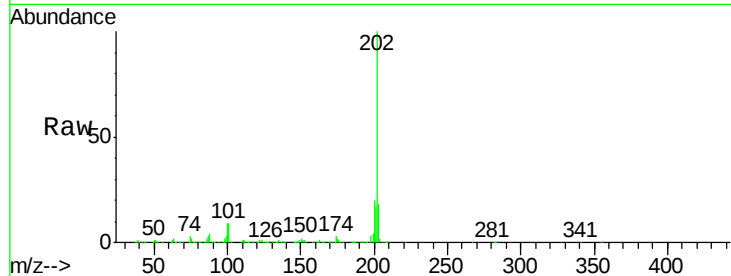
ClientSampleId :

PB106423BS

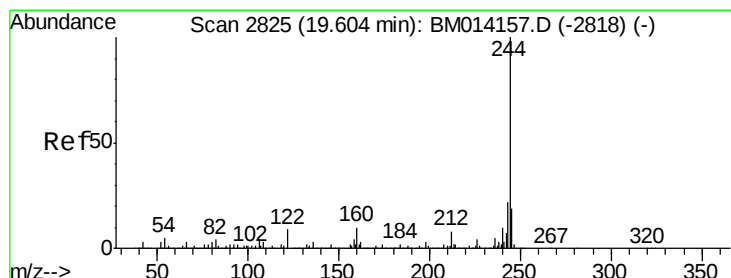
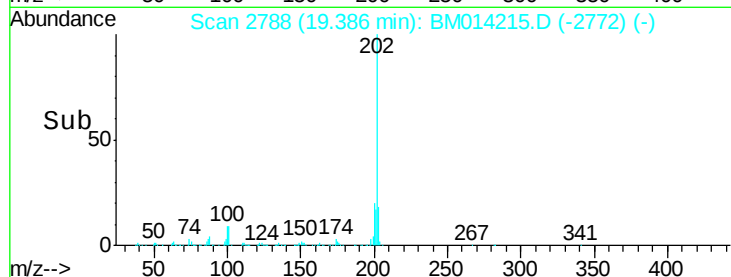
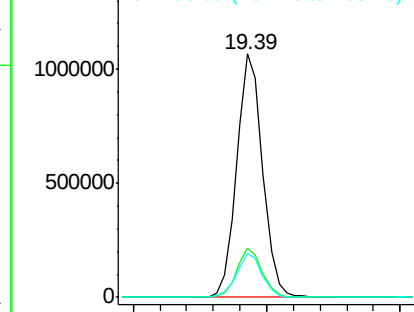
Tot Ion:	202	Resp:	1438456
Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	18.1	14.1	21.1

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



#78

Terphenyl-d14

Concen: 75.177 ng

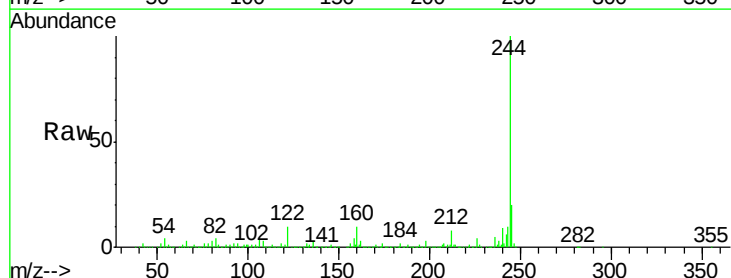
RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

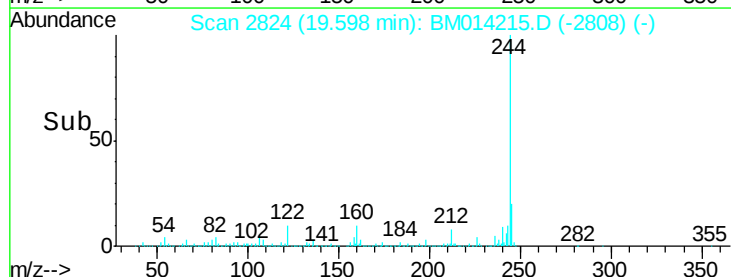
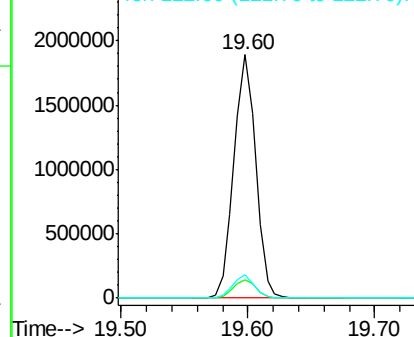
Lab File: BM014215.D

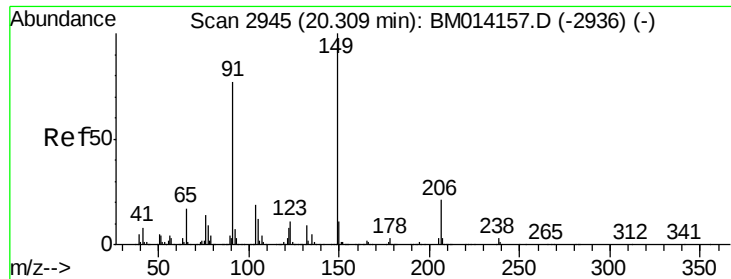
Acq: 09 Feb 2018 14:46

Tgt Ion:	244	Resp:	2243943
Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	9.5	6.2	9.4#



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





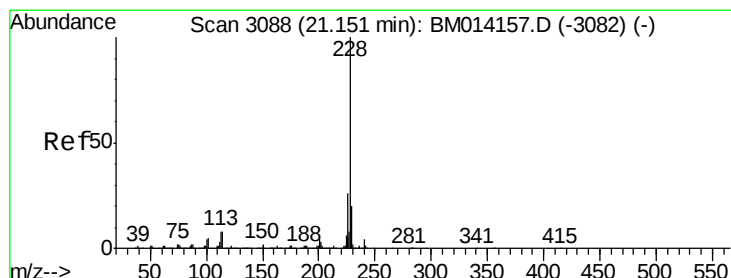
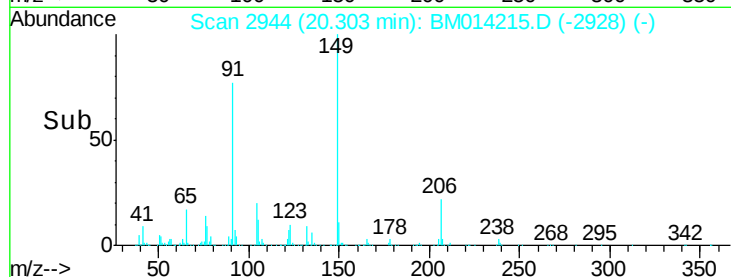
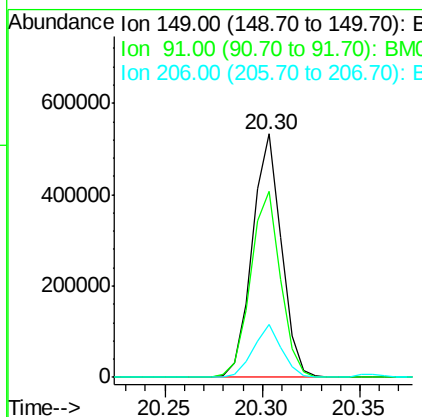
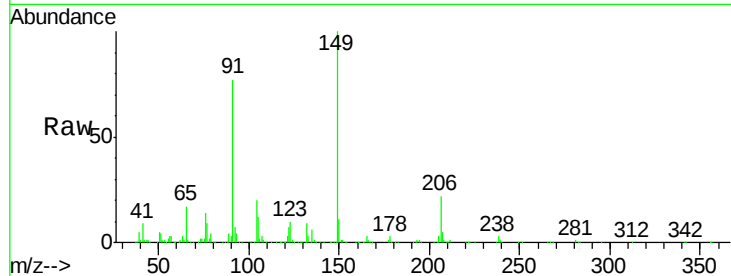
#79
Butylbenzylphthalate
Concen: 30.156 ng
RT: 20.30 min Scan# 2944
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.5	50.1	75.1#
206	21.9	16.2	24.2

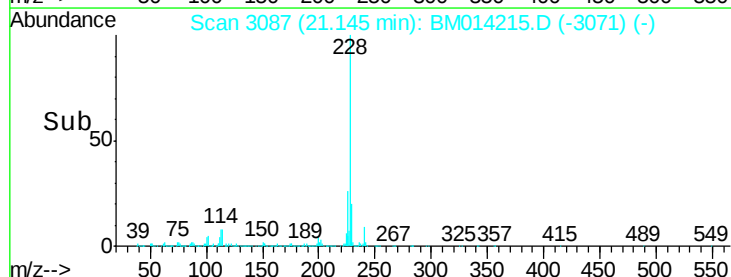
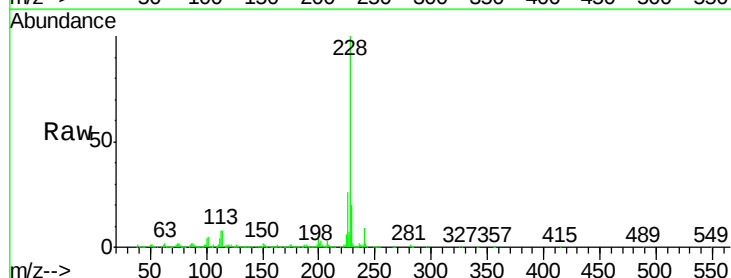
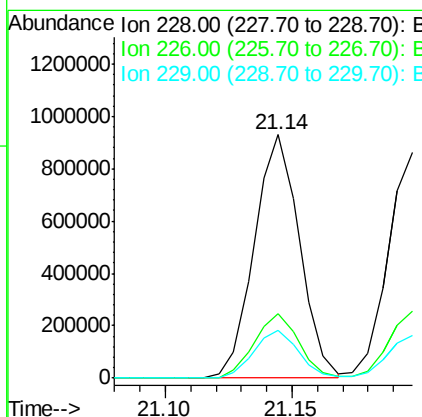
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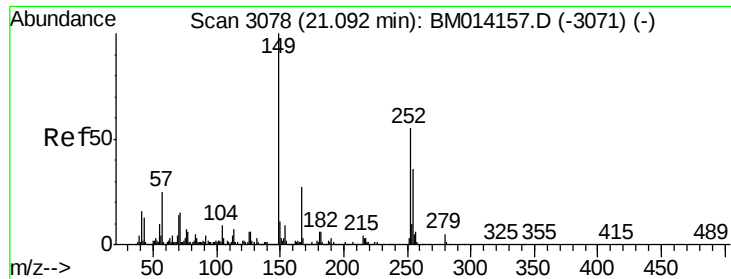
Sohil
2/13/2018 11:30:42 AM



#80
Benzo(a)anthracene
Concen: 30.298 ng
RT: 21.14 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.7	32.5
229	19.6	16.0	24.0





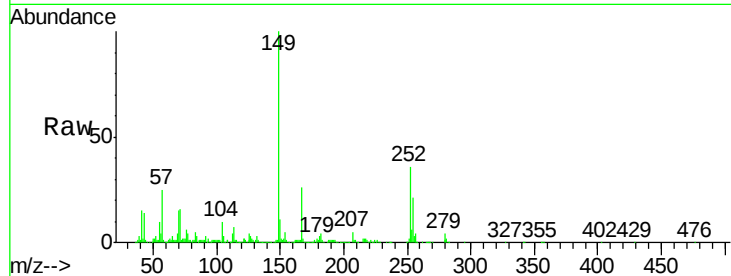
#81
 3,3'-Dichlorobenzidine
 Concen: 17.348 ng
 RT: 21.09 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	59.4	51.9	77.9
126	10.4	9.8	14.8

Manual Integrations
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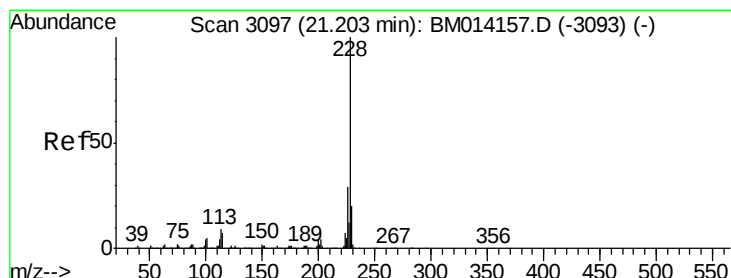
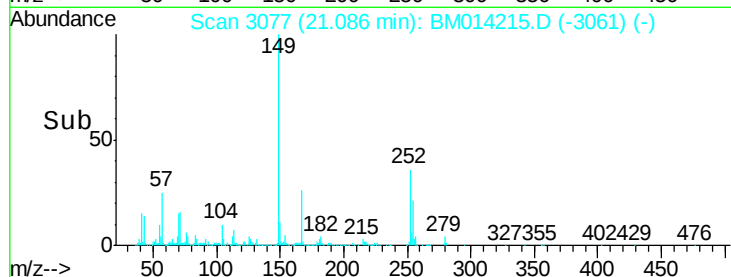
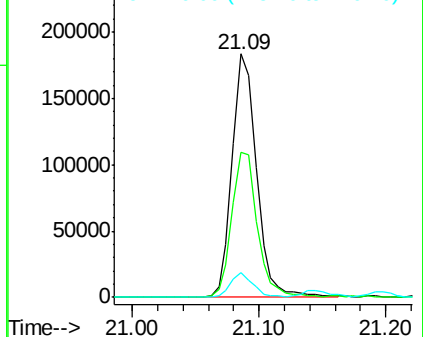


Abundance

Ion 252.00 (251.70 to 252.70): E

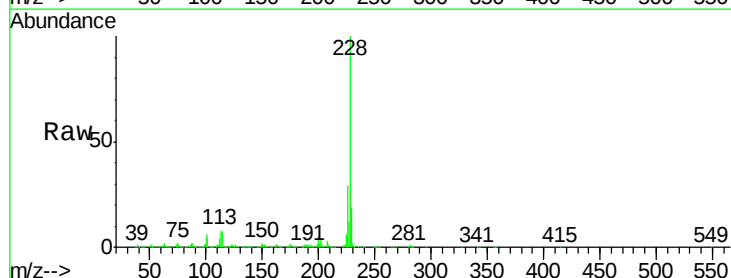
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 29.104 ng
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.1	15.5	23.3

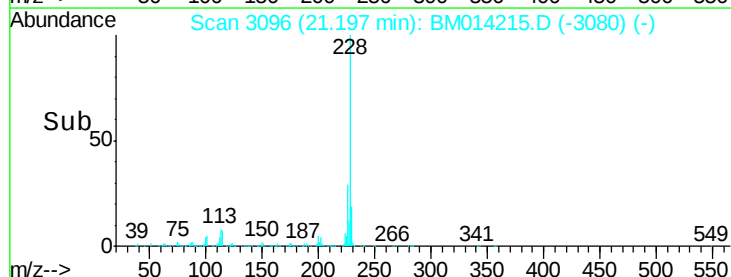
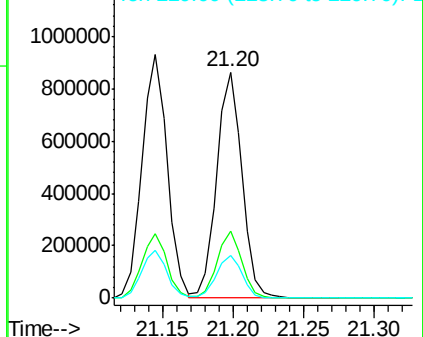


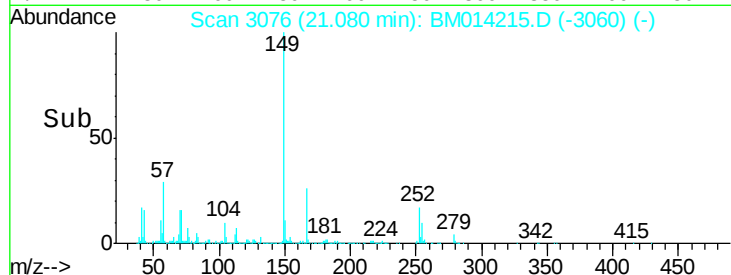
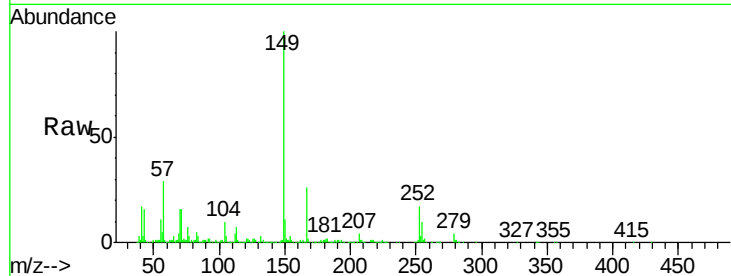
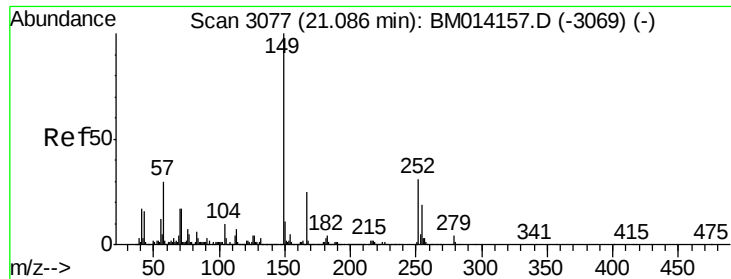
Abundance

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





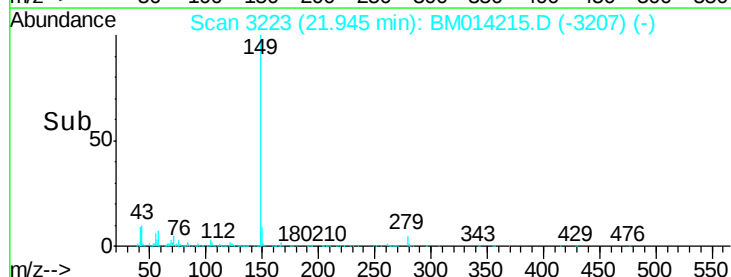
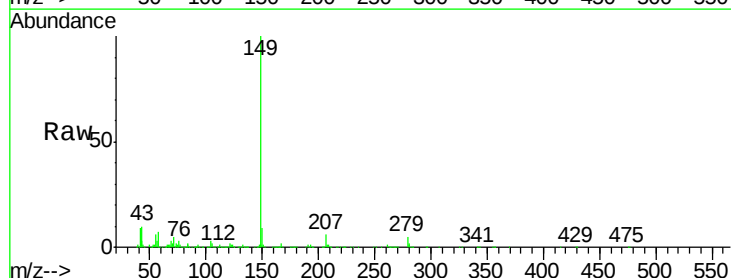
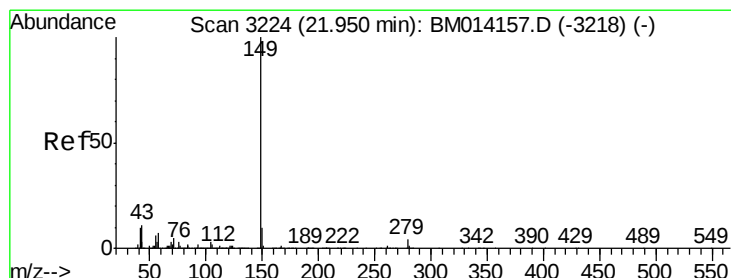
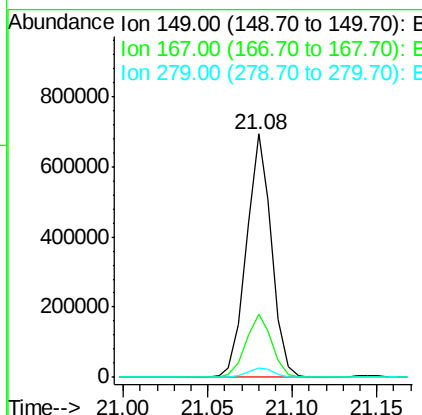
#83
Bis(2-ethylhexyl)phthalate
Concen: 26.859 ng
RT: 21.08 min Scan# 3076
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.7	22.4	33.6
279	3.7	3.4	5.0

Instrument :
BNA_M
ClientSampleId :
PB106423BS

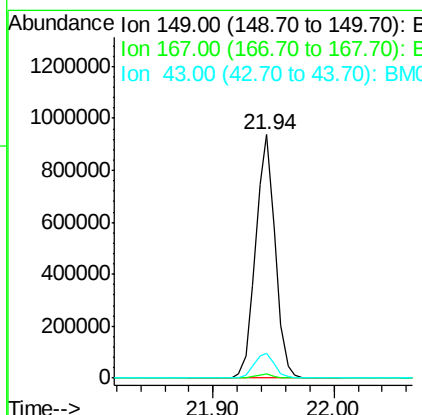
Manual Integrations
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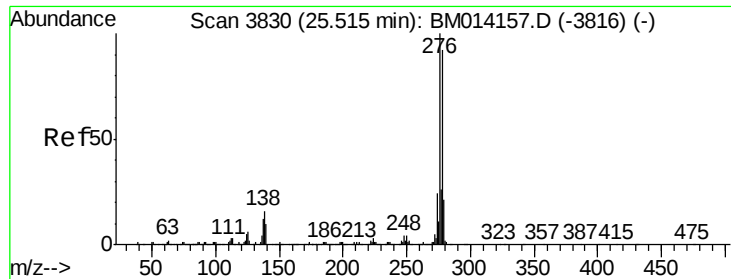
Sohil
2/13/2018 11:30:42 AM



#84
Di-n-octyl phthalate
Concen: 28.626 ng
RT: 21.94 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

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





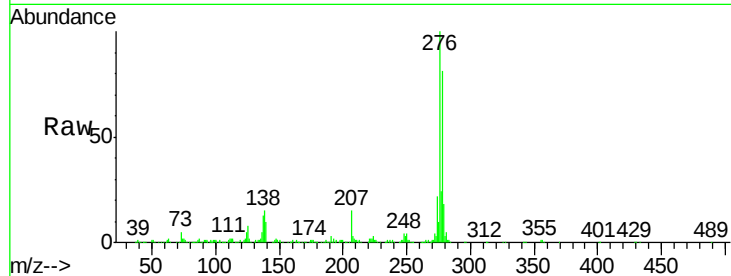
#85
Indeno(1,2,3-cd)pyrene
Concen: 33.773 ng
RT: 25.50 min Scan# 3827
Delta R.T. -0.02 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.0	18.0
277	25.0	20.0	30.0

Manual Integrations
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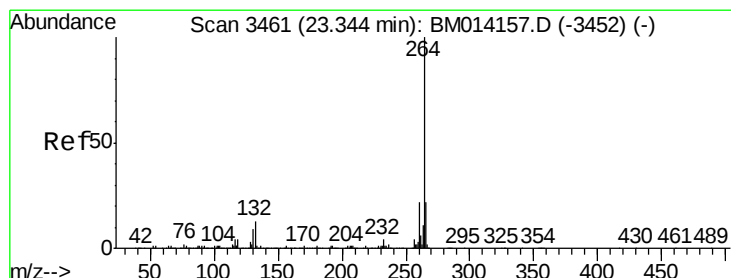
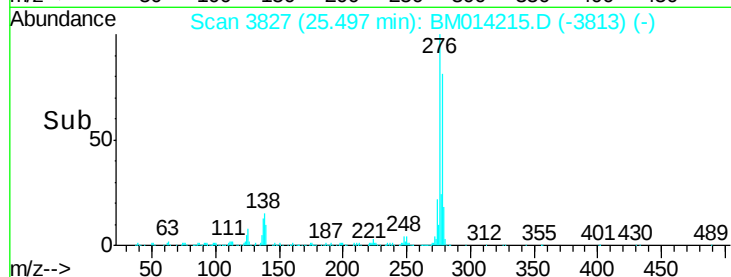
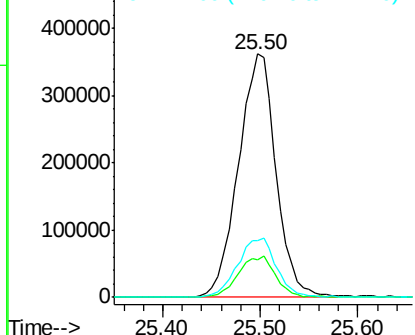


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

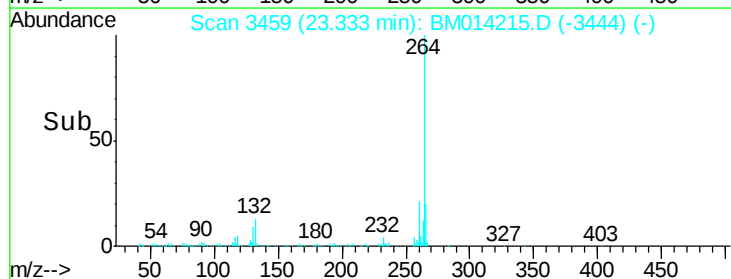
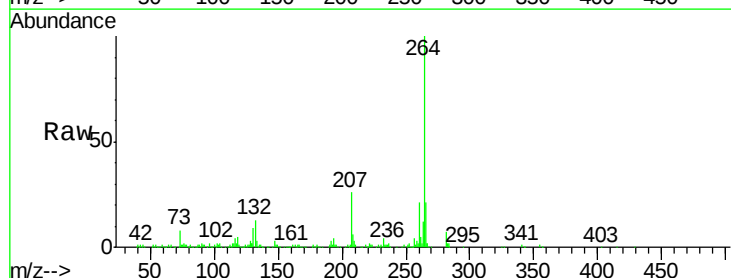
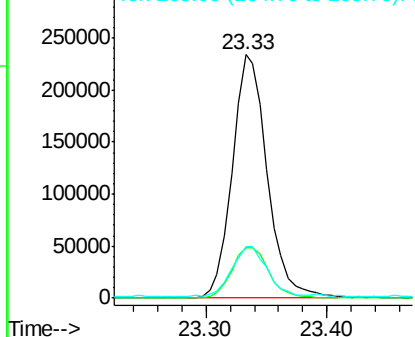
Tgt Ion	Ratio	Lower	Upper
264	100		
260	20.6	18.6	27.8
265	21.1	17.3	25.9

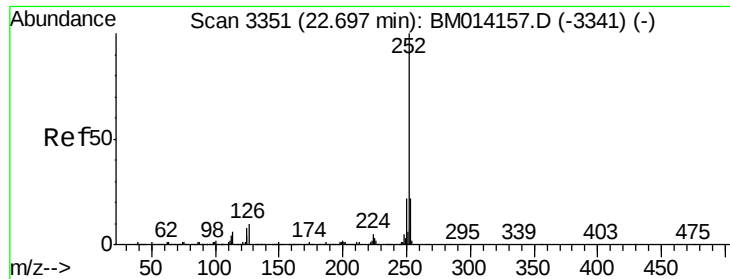
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





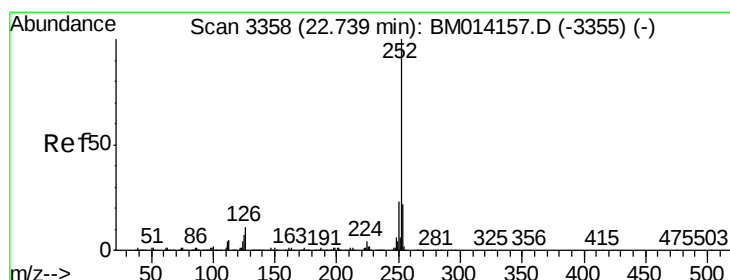
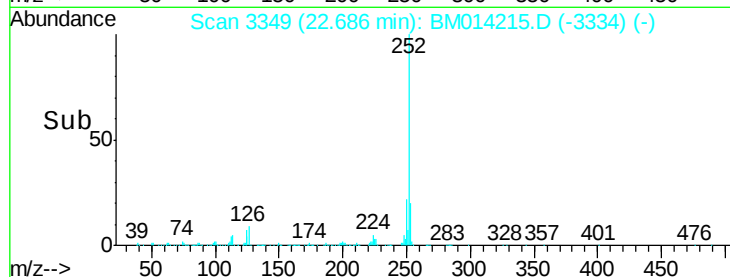
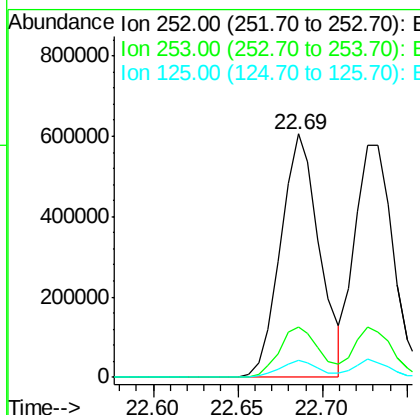
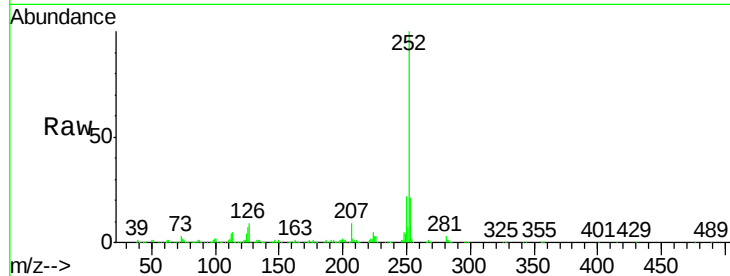
#87
Benzo(b)fluoranthene
Concen: 29.659 ng
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.0	27.0
125	6.9	9.9	14.9

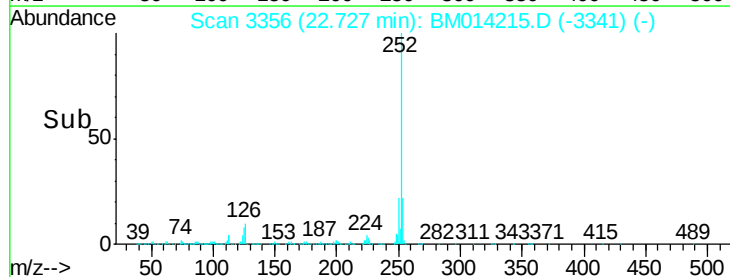
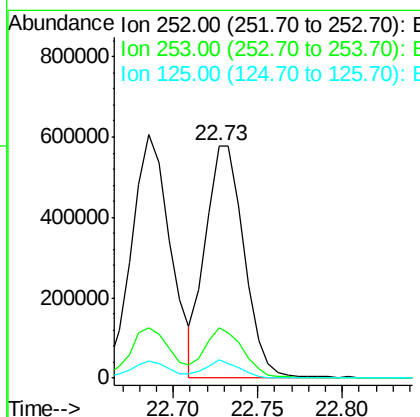
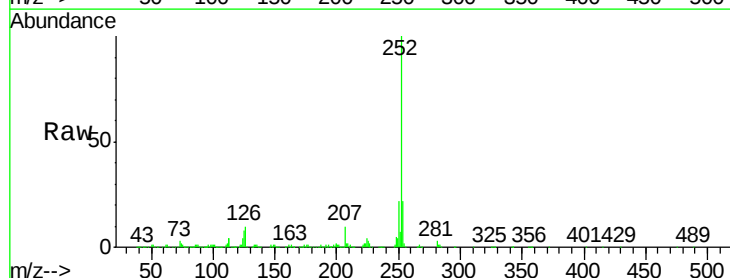
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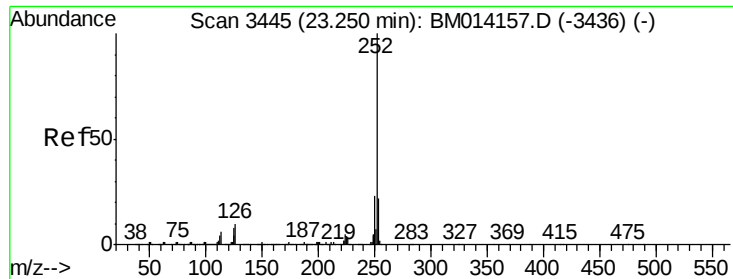
Sohil
2/13/2018 11:30:42 AM



#88
Benzo(k)fluoranthene
Concen: 29.503 ng
RT: 22.73 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	7.9	8.1	12.1





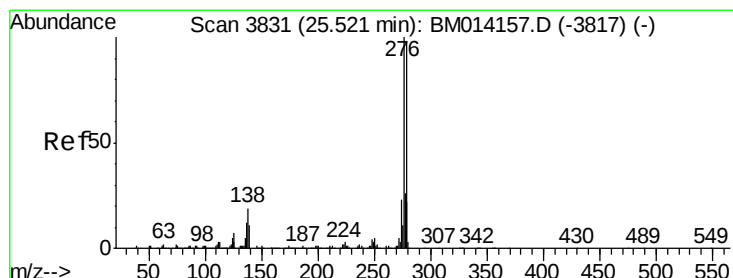
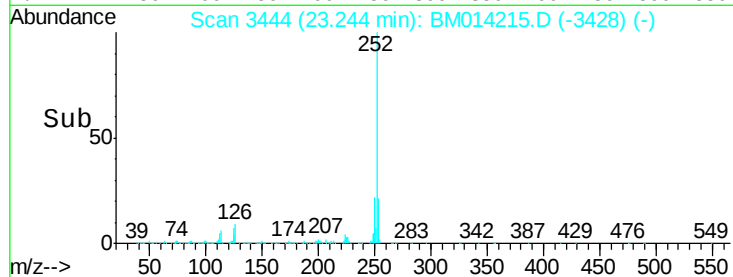
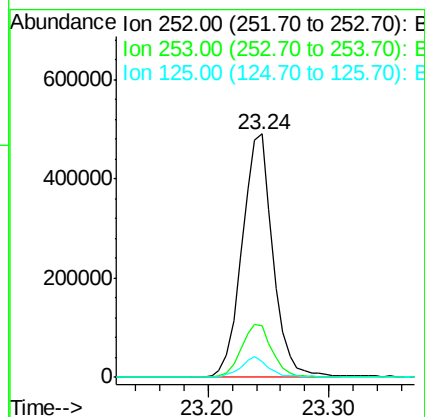
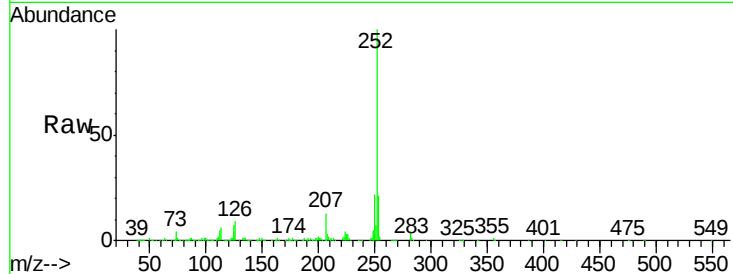
#89
Benzo(a)pyrene
Concen: 30.377 ng
RT: 23.24 min Scan# 3444
Delta R.T. -0.01 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Instrument :
BNA_M
ClientSampleId :
PB106423BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	6.7	7.4	11.2

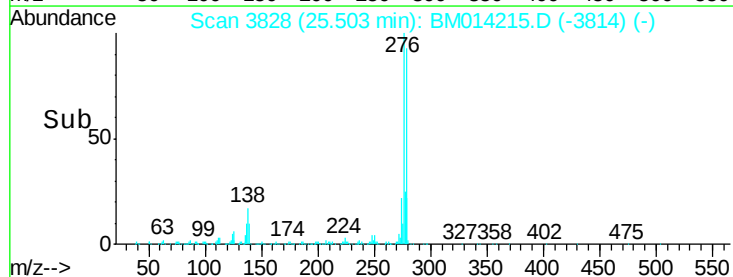
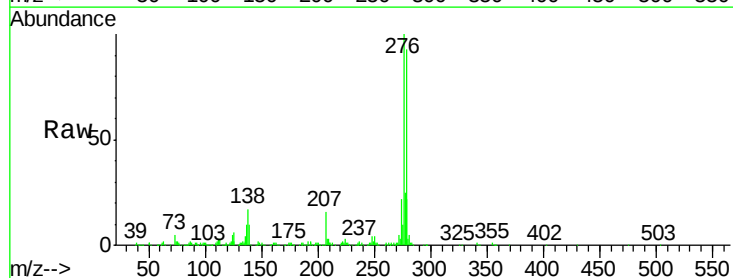
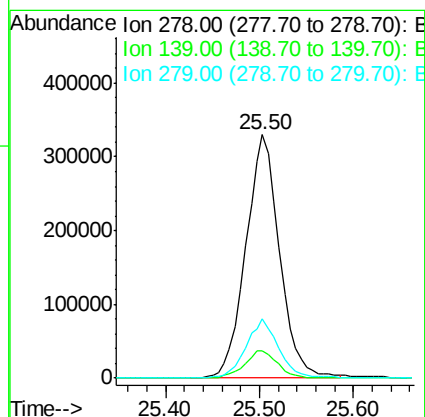
Manual Integrations
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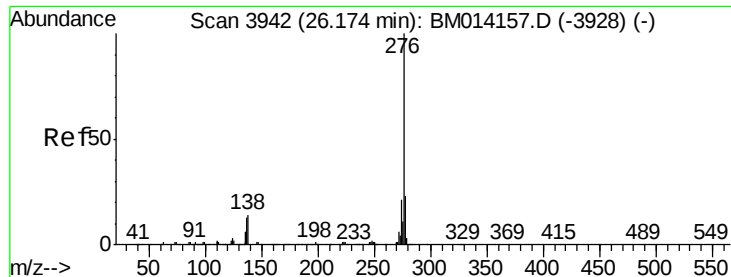
Sohil
2/13/2018 11:30:42 AM



#90
Dibenzo(a,h)anthracene
Concen: 34.853 ng
RT: 25.50 min Scan# 3828
Delta R.T. -0.02 min
Lab File: BM014215.D
Acq: 09 Feb 2018 14:46

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	13.4	20.0
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.913 ng
 RT: 26.16 min Scan# 3939
 Delta R.T. -0.02 min
 Lab File: BM014215.D
 Acq: 09 Feb 2018 14:46

Instrument :
 BNA_M
 ClientSampleId :
 PB106423BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	15.0	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 2/13/2018 11:30:42 AM

