

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
 Data File : BM010985.D
 Acq On : 26 Jul 2017 23:48
 Operator : SJ/JU
 Sample : PB100891BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BSD

Manual Integrations
 APPROVED

Sohil
 7/27/2017 6:21:39 PM

Quant Time: Jul 27 09:57:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	281601	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	1170471	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	785613	20.00	ng	0.00
63) Phenanthrene-d10	16.81	188	1909166	20.00	ng	0.00
75) Chrysene-d12	21.03	240	1658693	20.00	ng	0.00
86) Perylene-d12	23.14	264	1096714	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.03	112	2971874	178.40	ng	0.00
7) Phenol-d6	6.60	99	3989748	168.57	ng	0.01
23) Nitrobenzene-d5	8.55	82	3118264	99.99	ng	0.00
41) 2,4,6-Tribromophenol	15.56	330	2026595	160.95	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	6696793	106.91	ng	0.00
78) Terphenyl-d14	19.47	244	9277723	110.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.04	88	276792	37.007	ng	# 100
3) Pyridine	3.41	79	861916	42.189	ng	# 89
4) n-Nitrosodimethylamine	3.33	42	505829	48.585	ng	# 69
6) Aniline	6.75	93	1350030	45.257	ng	91
8) 2-Chlorophenol	6.97	128	895126	52.926	ng	85
9) Benzaldehyde	6.55	77	454549	29.682	ng	84
10) Phenol	6.63	94	1372392	53.384	ng	97
11) bis(2-Chloroethyl)ether	6.85	93	992265	49.537	ng	94
12) 1,3-Dichlorobenzene	7.28	146	1004554	48.737	ng	# 84
13) 1,4-Dichlorobenzene	7.43	146	1027226	48.620	ng	# 90
14) 1,2-Dichlorobenzene	7.74	146	983585	48.691	ng	# 90
15) Benzyl Alcohol	7.65	79	1256548	55.341	ng	# 83
16) 2,2'-oxybis(1-Chloropropan	7.93	45	905178	50.218	ng	78
17) 2-Methylphenol	7.85	107	901231	54.852	ng	# 80
18) Hexachloroethane	8.45	117	441648	47.934	ng	# 82
19) n-Nitroso-di-n-propylamine	8.21	70	997659	49.602	ng	92
20) 3+4-Methylphenols	8.17	107	1202521	52.651	ng	# 85
22) Acetophenone	8.22	105	1672196	47.660	ng	# 95
24) Nitrobenzene	8.59	77	1543988	47.777	ng	# 89
25) Isophorone	9.11	82	2518775	48.440	ng	# 87
26) 2-Nitrophenol	9.28	139	533572	51.891	ng	# 27
27) 2,4-Dimethylphenol	9.36	122	931968	51.486	ng	# 77
28) bis(2-Chloroethoxy)methane	9.60	93	1451405	50.046	ng	# 98
29) 2,4-Dichlorophenol	9.81	162	1051699	51.704	ng	95
30) 1,2,4-Trichlorobenzene	10.02	180	1212285	48.202	ng	100
31) Naphthalene	10.20	128	2927522	49.718	ng	100
32) Benzoic acid	9.54	122	643985	44.261	ng	# 65
33) 4-Chloroaniline	10.33	127	537026	22.862	ng	# 72
34) Hexachlorobutadiene	10.49	225	962106	48.570	ng	98
35) Caprolactam	11.13	113	286593m	49.684	ng	
36) 4-Chloro-3-methylphenol	11.46	107	1279087	48.700	ng	# 72
37) 2-Methylnaphthalene	11.83	142	2293651	53.025	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1638544	48.546	ng	# 100
40) Hexachlorocyclopentadiene	12.19	237	2546145	129.461	ng	99

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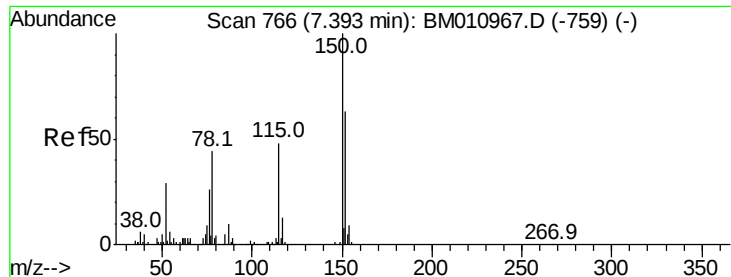
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	1048051	51.302	nq	99
43) 2,4,5-Trichlorophenol	12.53	196	1099404	52.250	nq	# 87
45) 1,1'-Biphenyl	12.87	154	3230822	47.561	nq	97
46) 2-Chloronaphthalene	12.91	162	2517694	50.303	nq	94
47) 2-Nitroaniline	13.13	65	938956	53.029	nq	# 70
48) Acenaphthylene	13.77	152	3821110	51.157	nq	99
49) Dimethylphthalate	13.53	163	3302152	49.135	nq	# 98
50) 2,6-Dinitrotoluene	13.65	165	682996	50.256	nq	# 61
51) Acenaphthene	14.12	154	2318013	50.120	nq	99
52) 3-Nitroaniline	13.97	138	475369	40.308	nq	# 40
53) 2,4-Dinitrophenol	14.19	184	960116	99.406	nq	# 88
54) Dibenzofuran	14.46	168	4043842	53.962	nq	# 90
55) 4-Nitrophenol	14.30	139	1024686	98.895	nq	97
56) 2,4-Dinitrotoluene	14.44	165	997033	52.258	nq	93
57) Fluorene	15.11	166	3324782	50.957	nq	99
58) 2,3,4,6-Tetrachlorophenol	14.69	232	1103520	55.954	nq	# 100
59) Diethylphthalate	14.91	149	3446428	50.214	nq	99
60) 4-Chlorophenyl-phenylether	15.12	204	2015628	51.167	nq	98
61) 4-Nitroaniline	15.15	138	619081	49.422	nq	# 1
62) Azobenzene	15.41	77	4043656	55.048	nq	89
64) 4,6-Dinitro-2-methylphenol	15.20	198	638639	49.412	nq	97
65) n-Nitrosodiphenylamine	15.33	169	2901319	53.101	nq	98
66) 4-Bromophenyl-phenylether	16.01	248	1343408	54.736	nq	# 89
67) Hexachlorobenzene	16.12	284	1378884	49.719	nq	# 91
68) Atrazine	16.30	200	1186909	54.208	nq	98
69) Pentachlorophenol	16.46	266	1735144	98.546	nq	96
70) Phenanthrene	16.85	178	5397907	53.996	nq	100
71) Anthracene	16.94	178	5343060	53.592	nq	99
72) Carbazole	17.22	167	4299323	49.310	nq	99
73) Di-n-butylphthalate	17.80	149	5488986	51.696	nq	# 96
74) Fluoranthene	18.88	202	6212852	50.150	nq	98
76) Benzidine	19.09	184	2938632	74.057	nq	99
77) Pyrene	19.24	202	6084280	61.733	nq	99
79) Butylbenzylphthalate	20.19	149	2102492	59.991	nq	# 72
80) Benzo(a)anthracene	21.01	228	4996550	52.756	nq	99
81) 3,3'-Dichlorobenzidine	20.96	252	1281845	34.500	nq	# 98
82) Chrysene	21.06	228	4588383	50.470	nq	100
83) Bis(2-ethylhexyl)phthalate	20.97	149	2871406	55.693	nq	# 98
84) Di-n-octyl phthalate	21.82	149	4083986	48.805	nq	100
85) Indeno(1,2,3-cd)pyrene	25.21	276	3300714	35.056	nq	# 96
87) Benzo(b)fluoranthene	22.52	252	3946192	56.063	nq	# 93
88) Benzo(k)fluoranthene	22.56	252	3585314	53.144	nq	# 95
89) Benzo(a)pyrene	23.05	252	3379322	53.057	nq	# 96
90) Dibenzo(a,h)anthracene	25.23	278	2731756	46.266	nq	# 90
91) Benzo(g,h,i)perylene	25.85	276	2706052	46.673	nq	# 85

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



#1

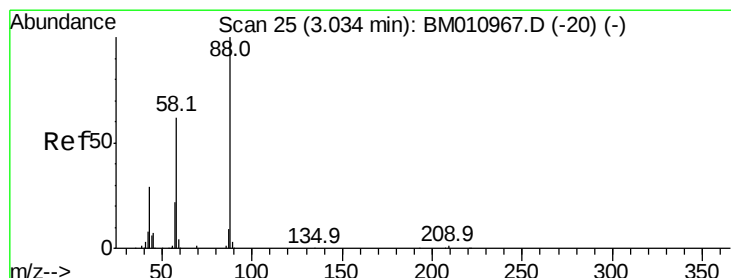
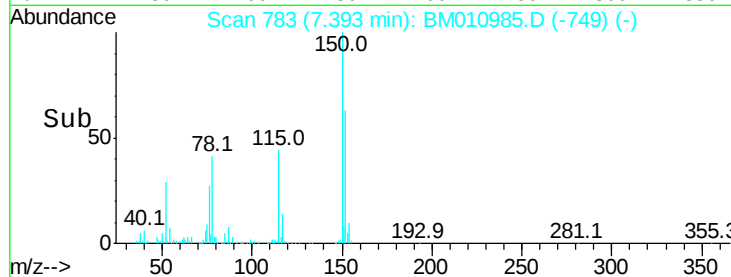
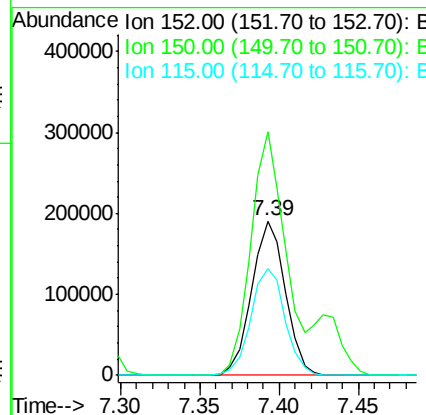
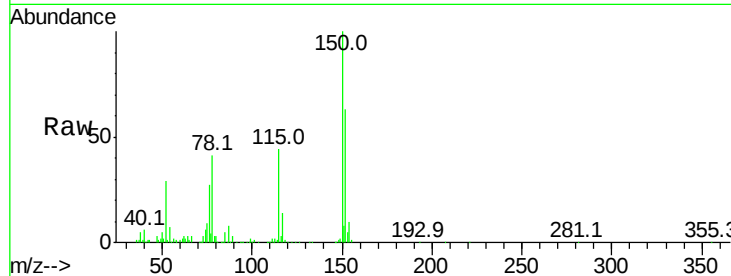
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 783
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	119.5	179.3
115	69.5	43.0	64.4#

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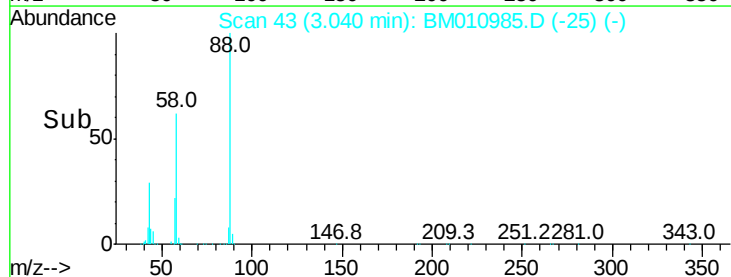
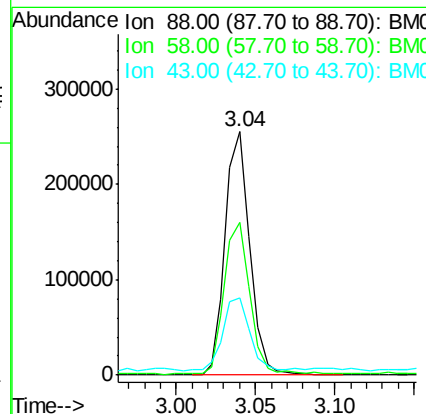
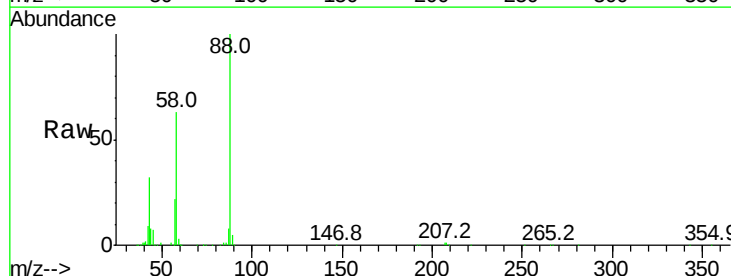
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7/27/2017 6:21:39 PM

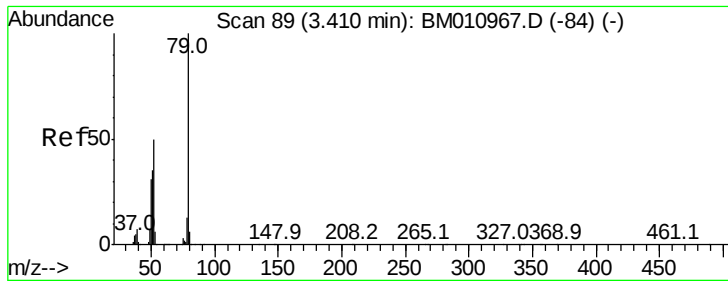


#2

1,4-Dioxane
Concen: 37.007 ng
RT: 3.04 min Scan# 43
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	0.0	0.0#
43	33.4	0.0	0.0#





#3

Pvridine

Concen: 42.189 ng

RT: 3.41 min Scan# 106

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

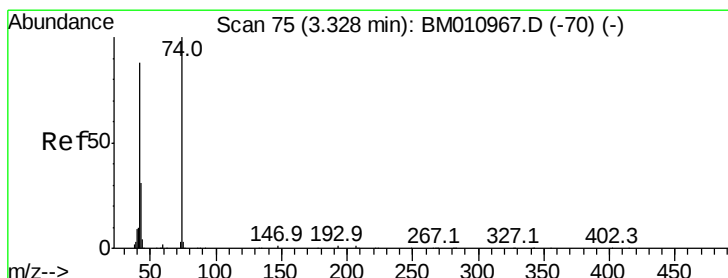
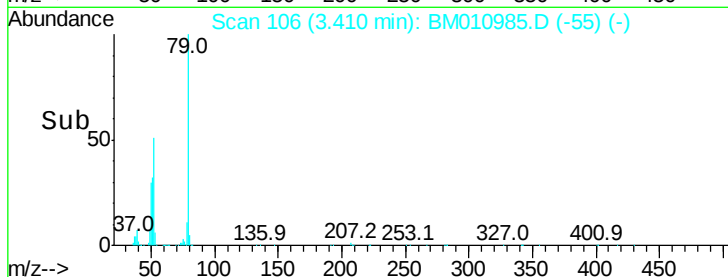
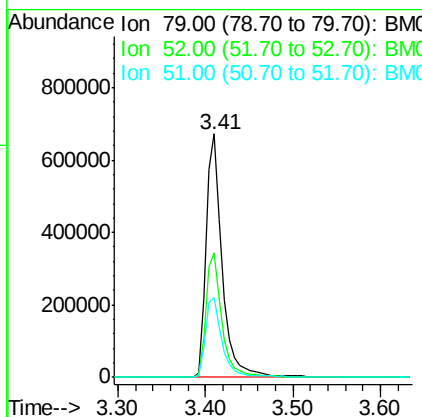
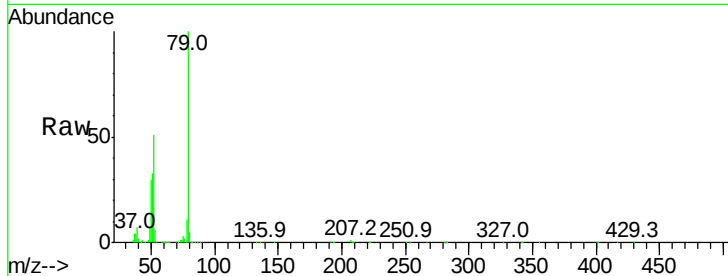
PB100891BSD

Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	51.0	51.1	76.7#	
51	32.5	26.1	39.1	

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#4

n-Nitrosodimethylamine

Concen: 48.585 ng

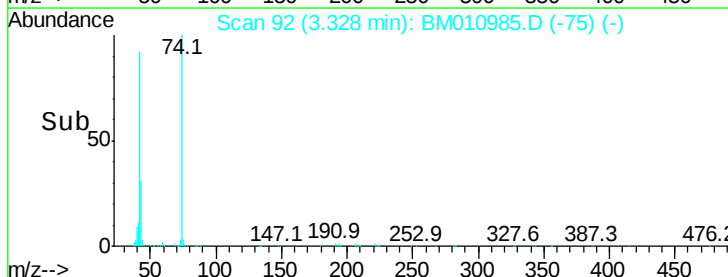
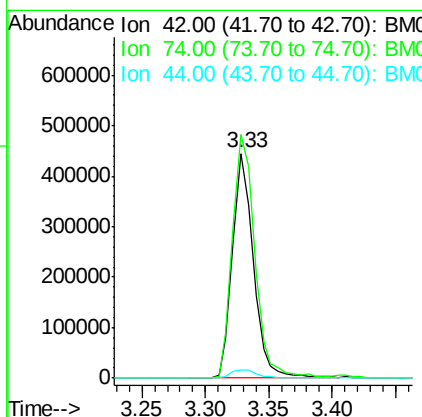
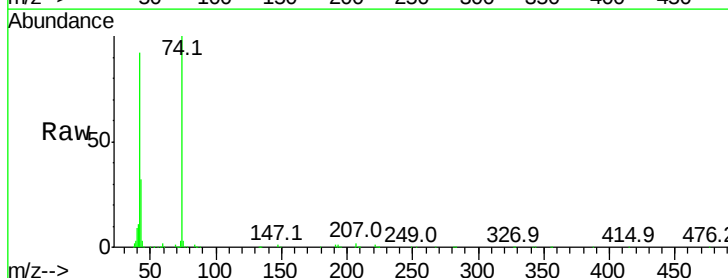
RT: 3.33 min Scan# 92

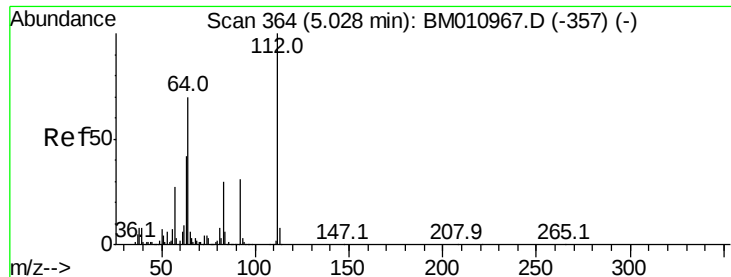
Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	108.5	119.3	178.9#	
44	3.4	5.4	8.2#	





#5

2-Fluorophenol

Concen: 178.400 ng

RT: 5.03 min Scan# 382

Delta R.T. 0.01 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion:112 Resp: 2971874

Ion Ratio Lower Upper

112 100

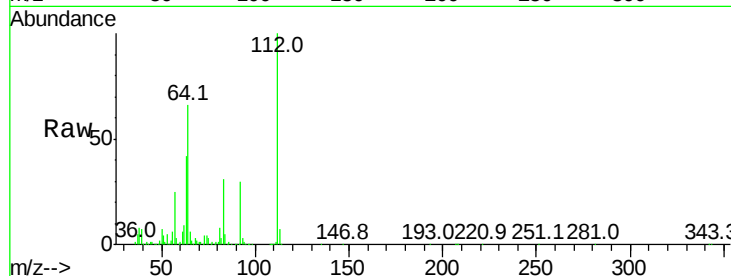
64 65.6 38.6 57.8#

63 41.5 19.3 28.9#

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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0

3000000

2500000

2000000

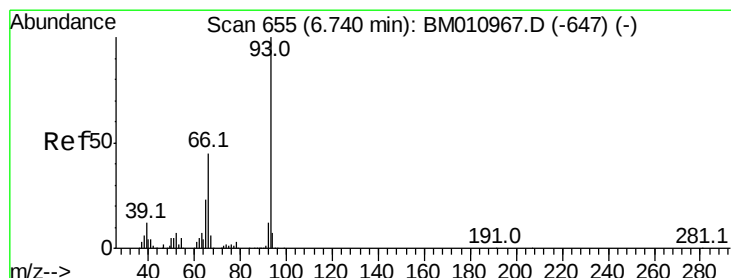
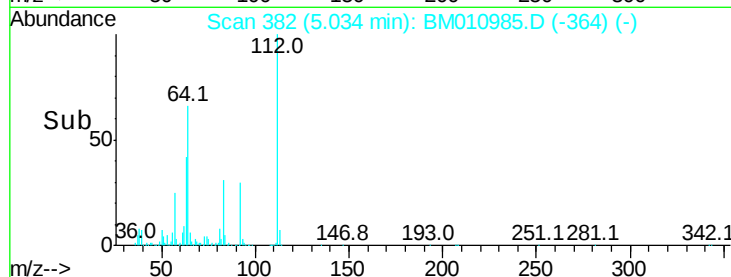
1500000

1000000

500000

0

Time--> 4.95 5.00 5.05 5.10



#6

Aniline

Concen: 45.257 ng

RT: 6.75 min Scan# 673

Delta R.T. 0.01 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

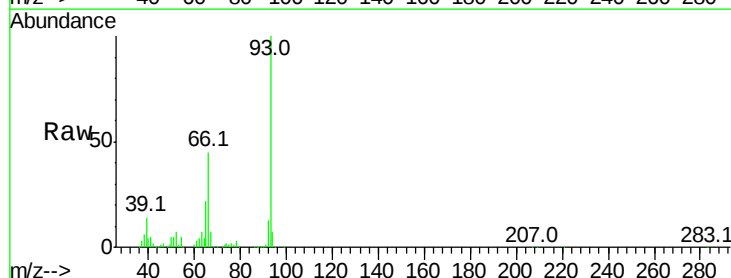
Tgt Ion: 93 Resp: 1350030

Ion Ratio Lower Upper

93 100

66 45.1 30.8 46.2

65 22.4 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

1000000

800000

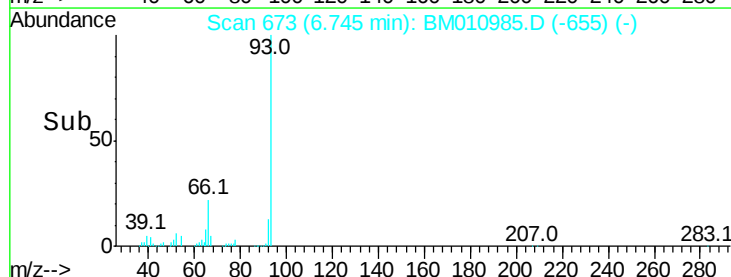
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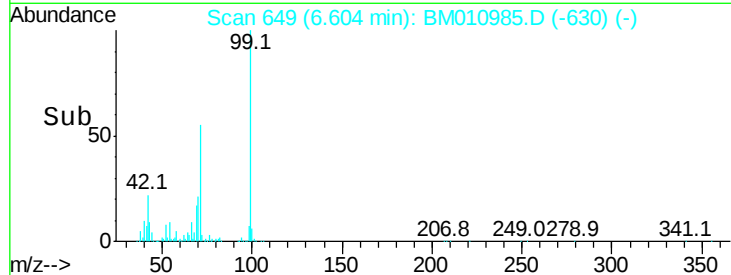
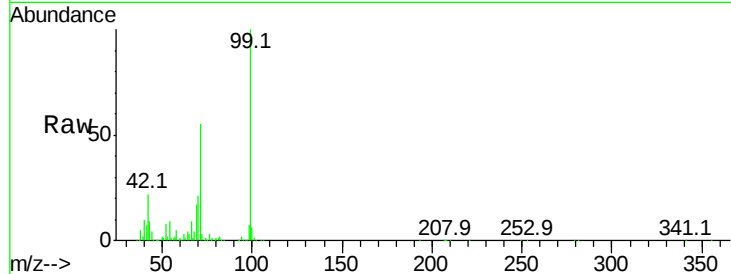
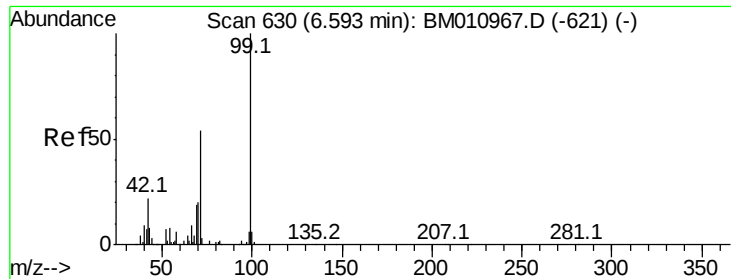
400000

200000

0

Time--> 6.65 6.70 6.75 6.80 6.85





#7

Phenol-d6

Concen: 168.567 ng

RT: 6.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Tot Ion: 99 Resp: 3989748

Ion Ratio Lower Upper

99 100

42 21.5 11.0 16.4#

71 55.2 23.4 35.2#

Instrument :

BNA_M

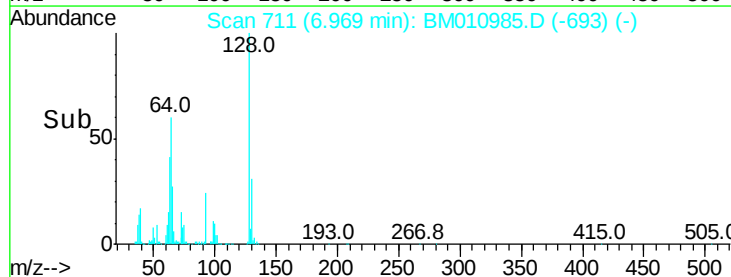
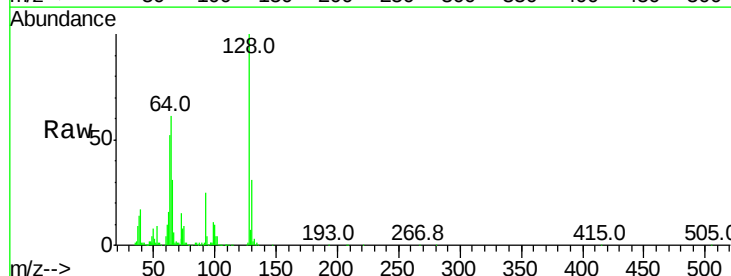
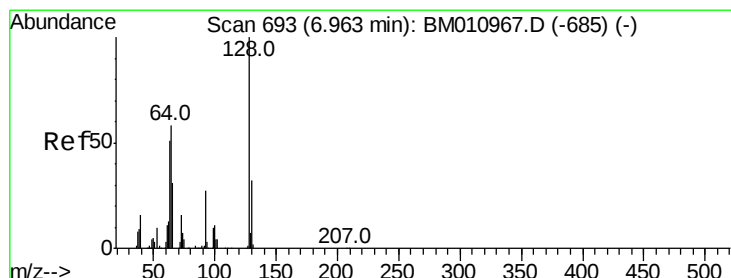
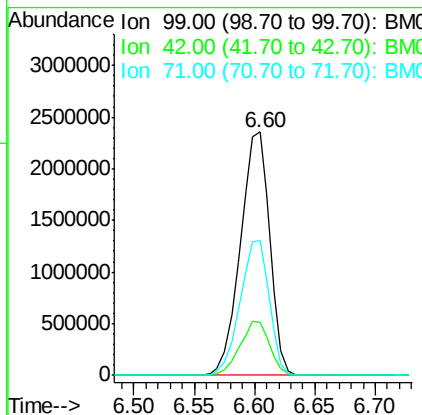
ClientSampleId :

PB100891BSD

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#8

2-Chlorophenol

Concen: 52.926 ng

RT: 6.97 min Scan# 711

Delta R.T. 0.01 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

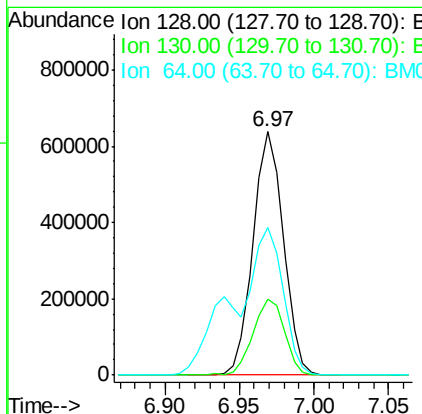
Tgt Ion:128 Resp: 895126

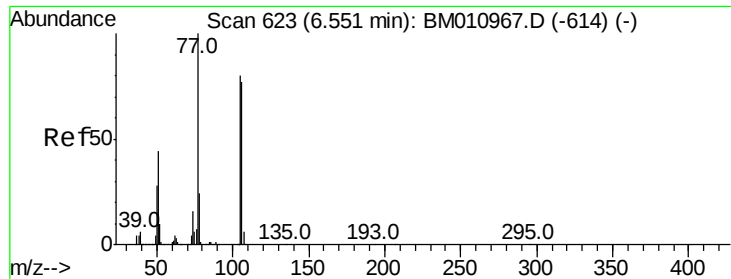
Ion Ratio Lower Upper

128 100

130 31.2 12.0 52.0

64 60.7 24.9 64.9





#9

Benzaldehyde

Concen: 29.682 ng

RT: 6.55 min Scan# 640

Delta R.T. 0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

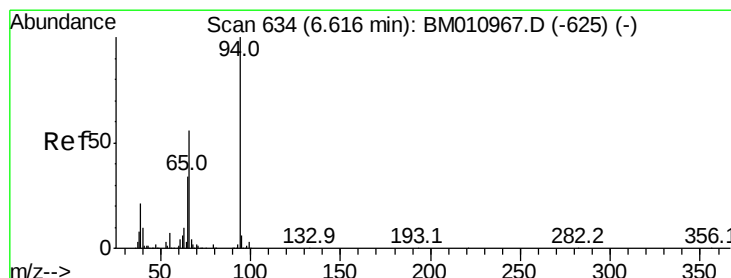
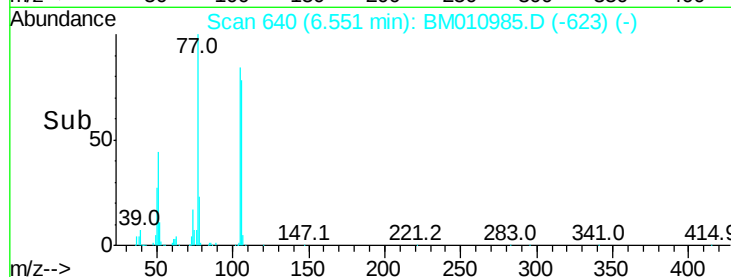
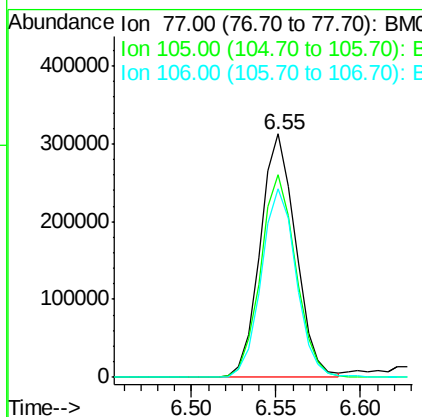
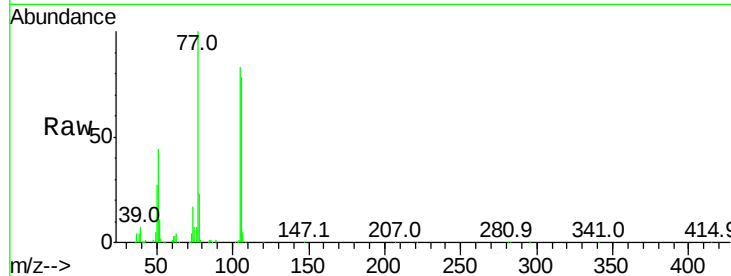
ClientSampleId :

PB100891BSD

Tot Ion:	77	Resp:	454549
Ion	Ratio	Lower	Upper
77	100		
105	83.4	78.8	118.8
106	77.6	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 53.384 ng

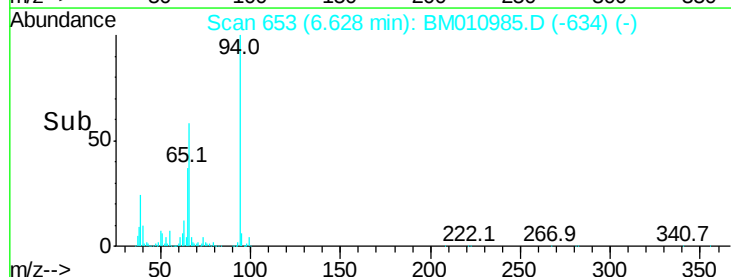
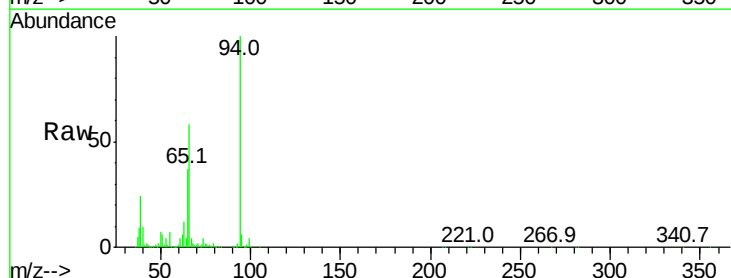
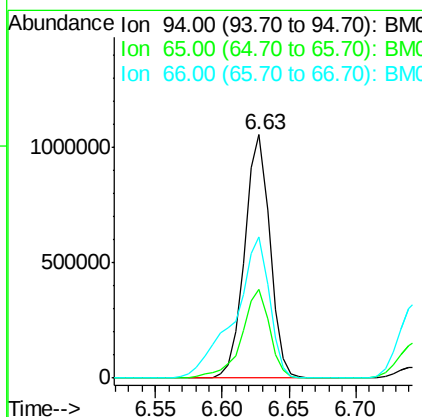
RT: 6.63 min Scan# 653

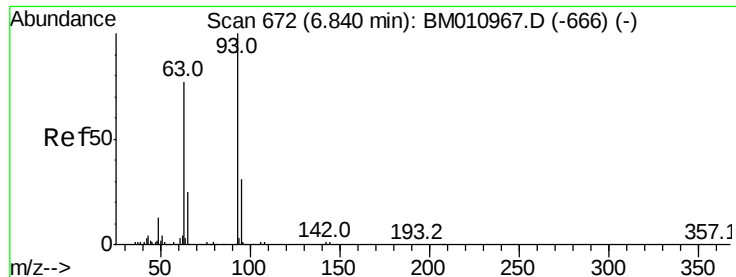
Delta R.T. 0.01 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Tgt Ion:	94	Resp:	1372392
Ion	Ratio	Lower	Upper
94	100		
65	36.5	18.8	58.8
66	57.8	39.9	79.9





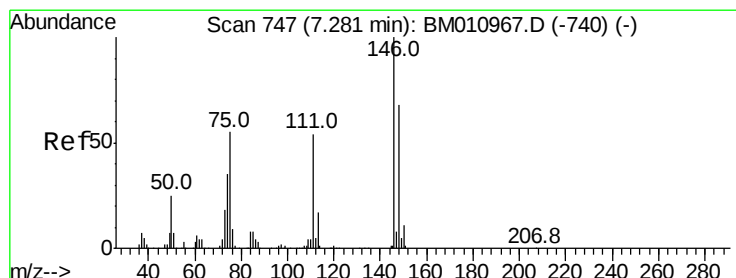
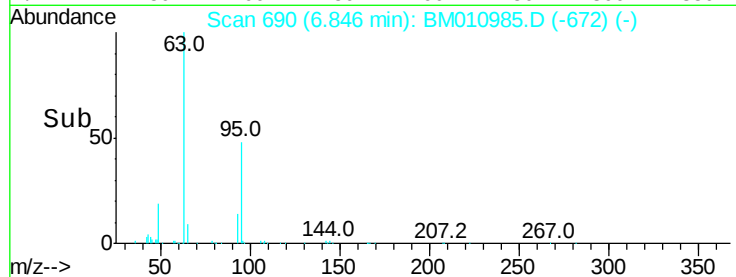
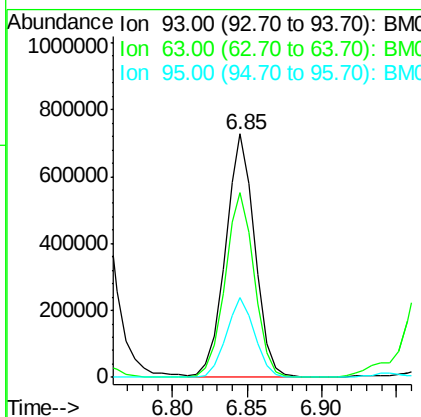
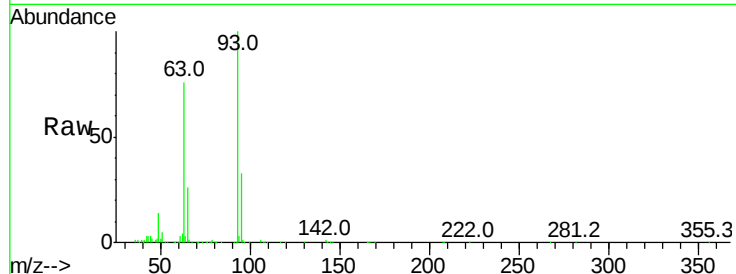
#11
bis(2-Chloroethyl)ether
Concen: 49.537 ng
RT: 6.85 min Scan# 690
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampled :
PB100891BSD

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	76.0	49.5	89.5
95	32.9	13.5	53.5

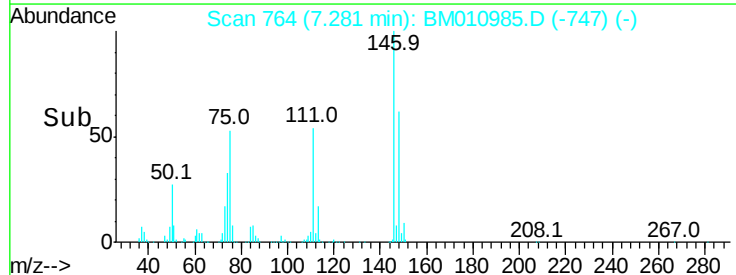
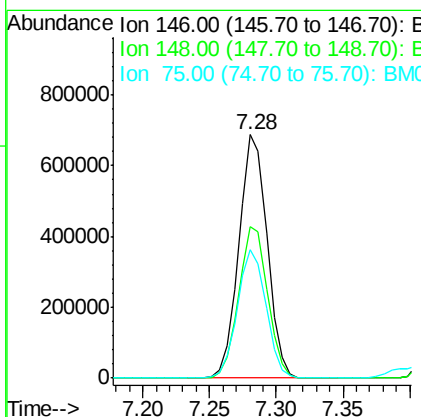
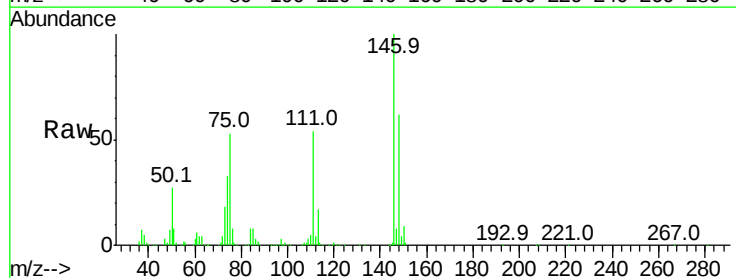
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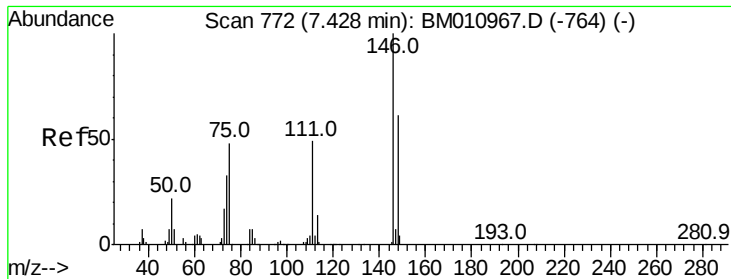
Sohil
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#12
1,3-Dichlorobenzene
Concen: 48.737 ng
RT: 7.28 min Scan# 764
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	62.4	50.9	76.3
75	52.6	21.4	32.2#





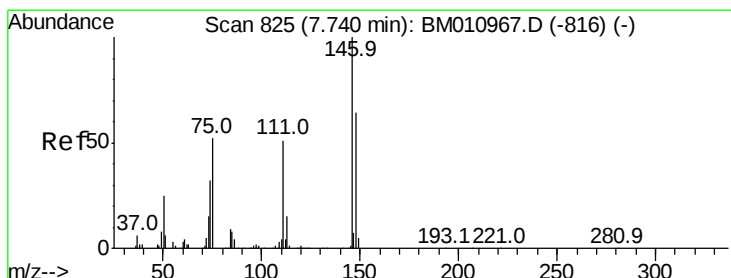
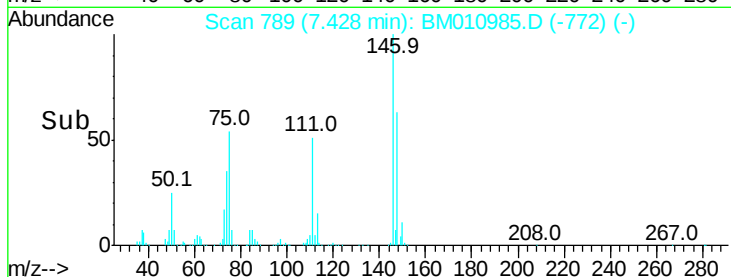
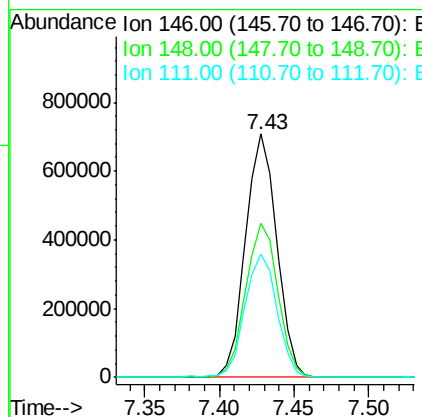
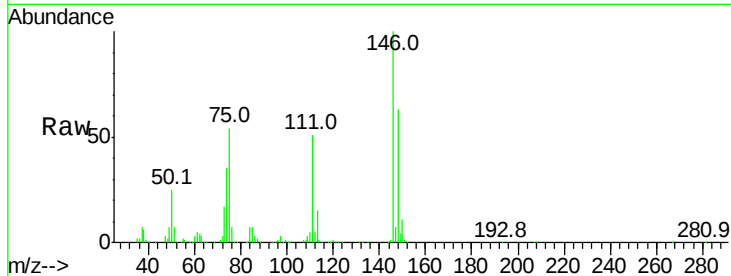
#13
 1,4-Dichlorobenzene
 Concen: 48.620 ng
 RT: 7.43 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BSD

Tot Ion:146 Resp: 1027226
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.9 77.9
 111 50.7 29.2 43.8#

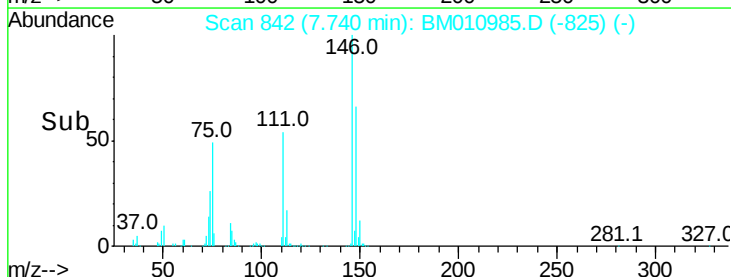
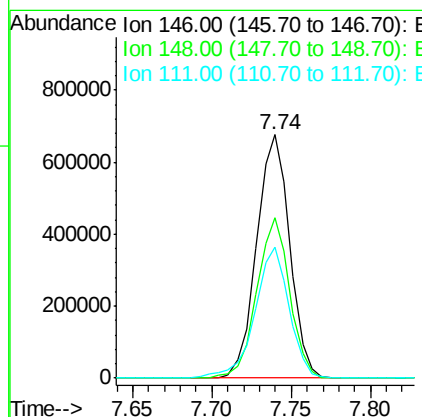
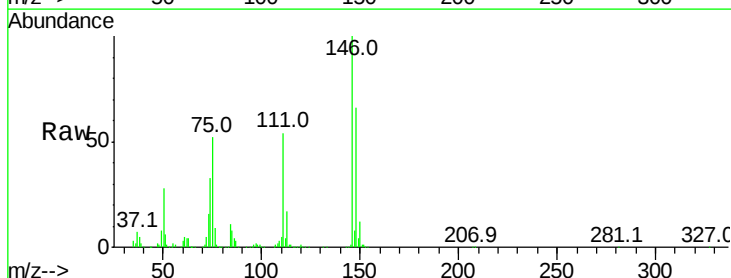
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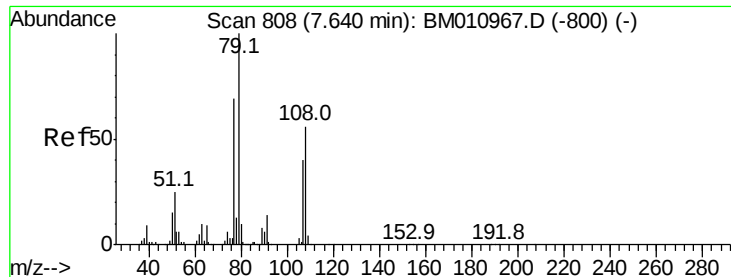
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 48.691 ng
 RT: 7.74 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Tgt Ion:146 Resp: 983585
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.3 78.5
 111 53.9 30.6 45.8#





#15

Benzyl Alcohol

Concen: 55.341 ng

RT: 7.65 min Scan# 826

Delta R.T. 0.01 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampled :

PB100891BSD

Tot Ion: 79 Resp: 1256548

Ion Ratio Lower Upper

79 100

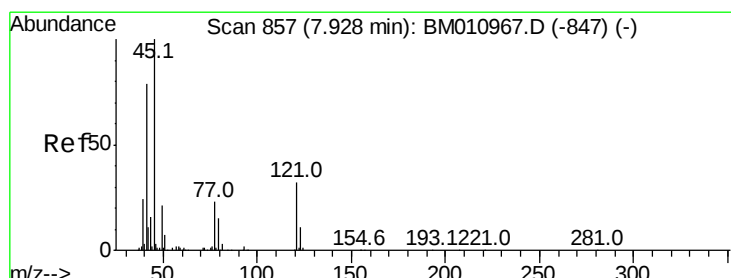
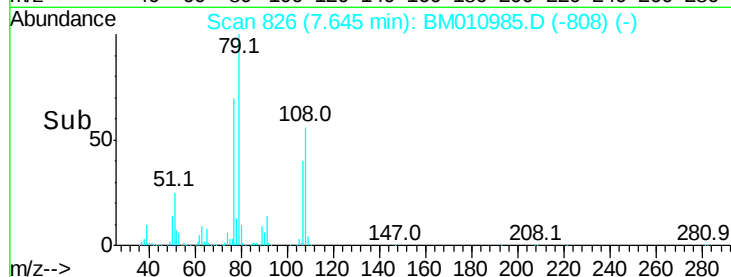
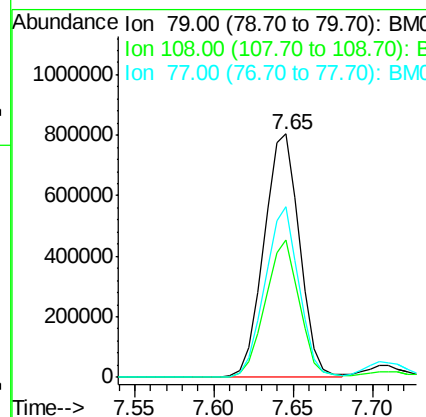
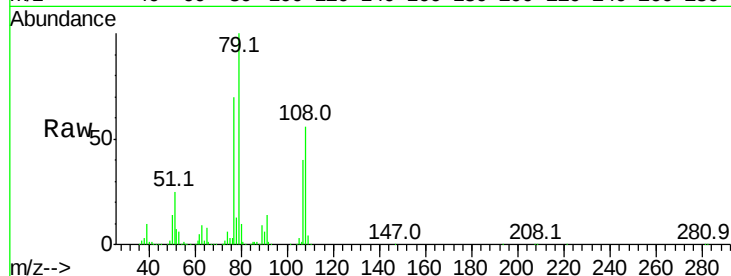
108 56.4 65.0 97.4#

77 70.0 53.0 79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.218 ng

RT: 7.93 min Scan# 874

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

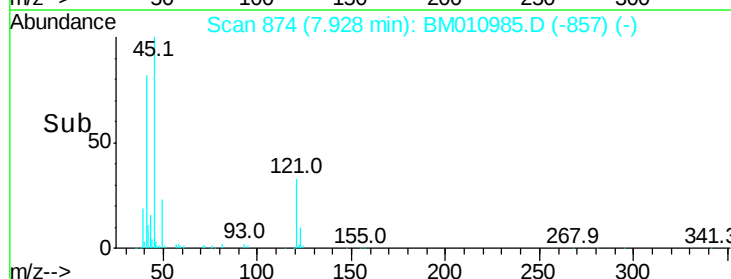
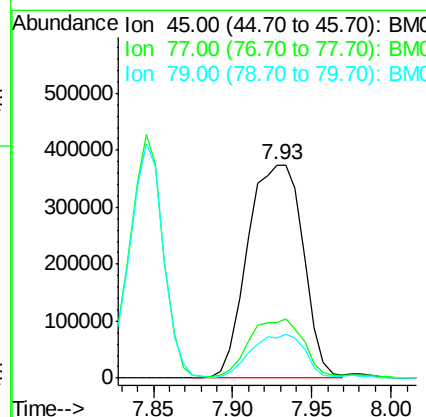
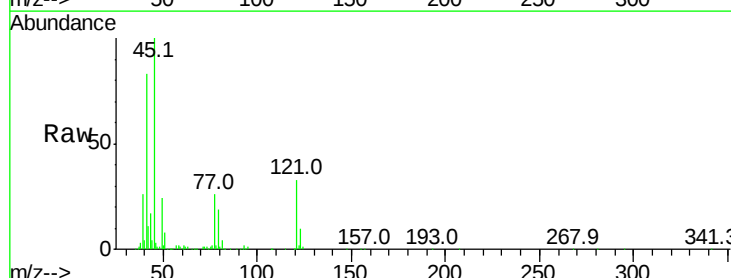
Tgt Ion: 45 Resp: 905178

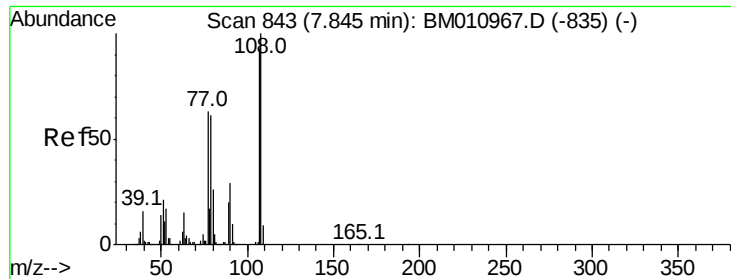
Ion Ratio Lower Upper

45 100

77 25.9 0.0 35.2

79 18.8 0.0 32.0





#17

2-Methylphenol

Concen: 54.852 ng

RT: 7.85 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

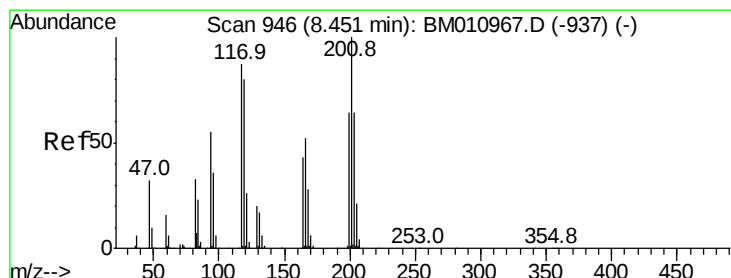
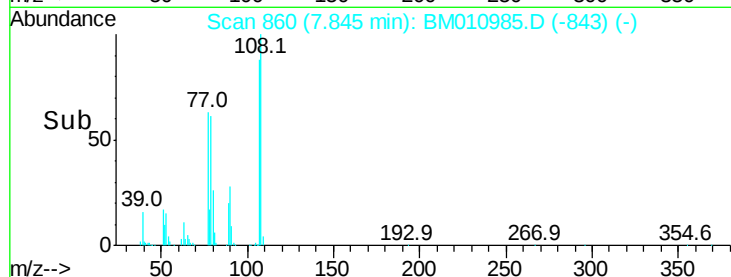
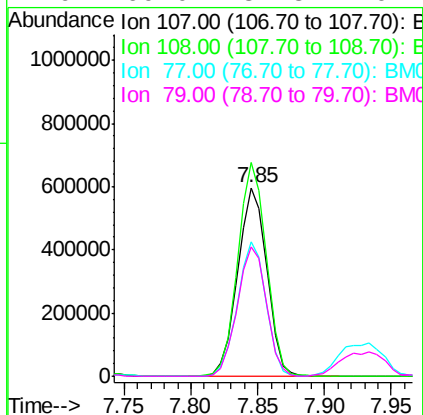
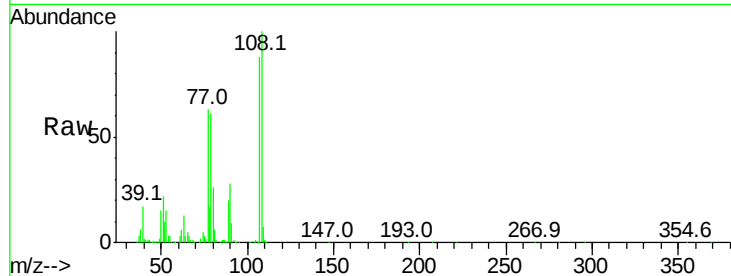
ClientSampleId :

PB100891BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	89.8	134.8	
77	71.7	32.6	48.8#	
79	69.0	32.8	49.2#	

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#18

Hexachloroethane

Concen: 47.934 ng

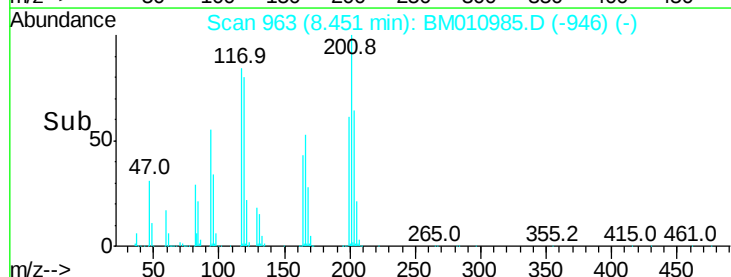
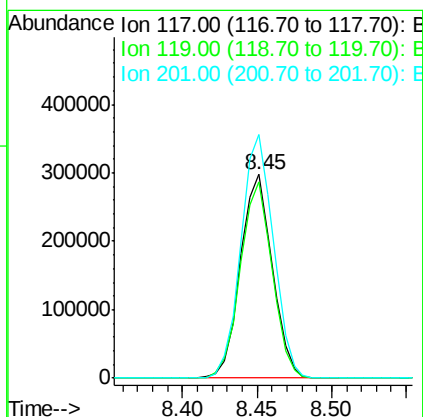
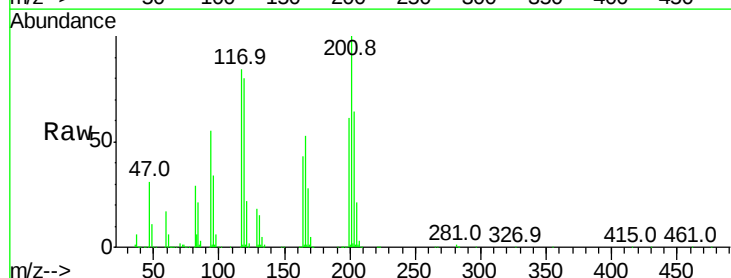
RT: 8.45 min Scan# 963

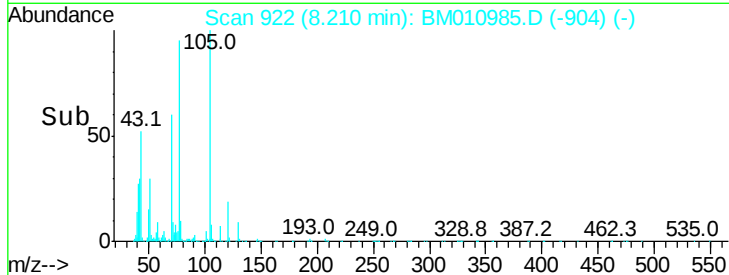
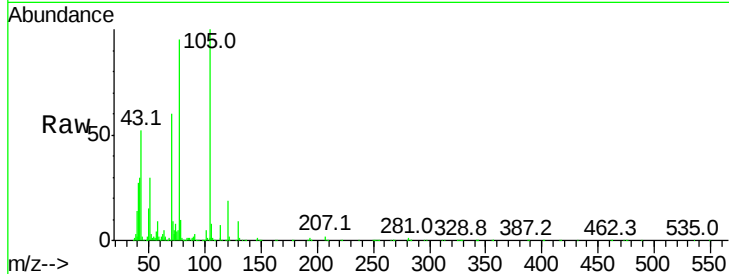
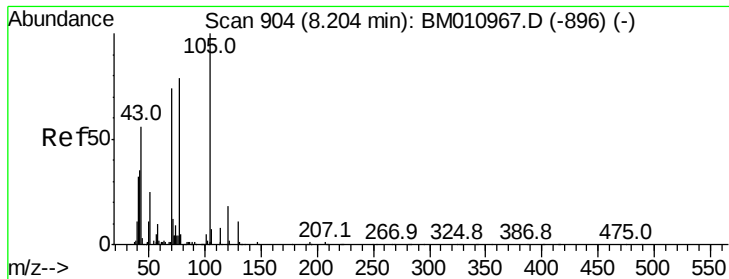
Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	79.2	118.8	
201	119.7	69.8	104.6#	





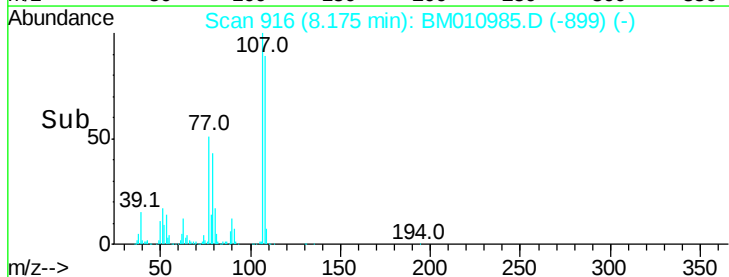
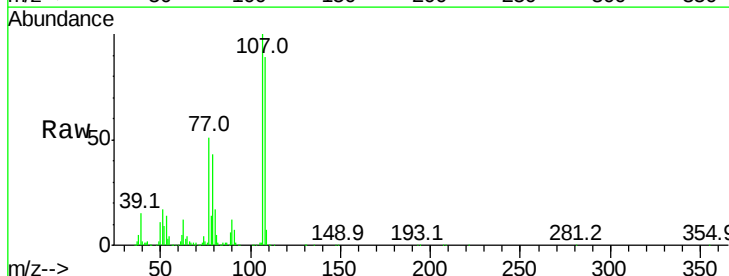
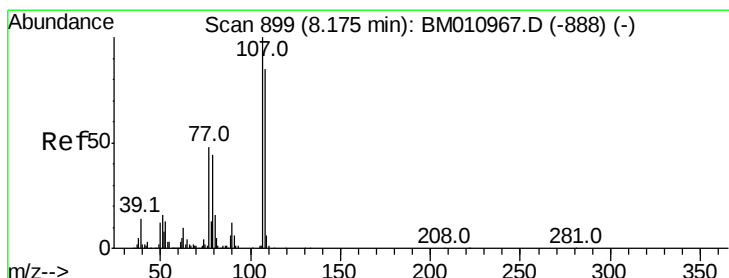
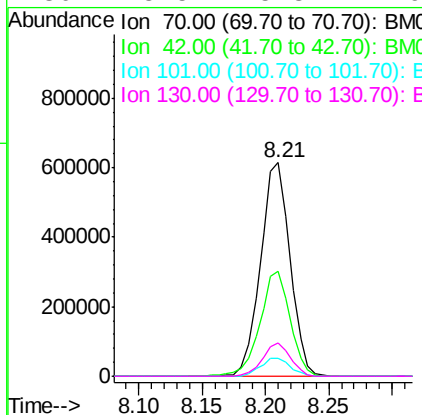
#19
n-Nitroso-di-n-propylamine
Concen: 49.602 ng
RT: 8.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	70	Resp	997659
Ion Ratio	Lower	Upper	
70	100		
42	49.4	44.5	66.7
101	8.7	7.4	11.2
130	15.5	15.3	22.9

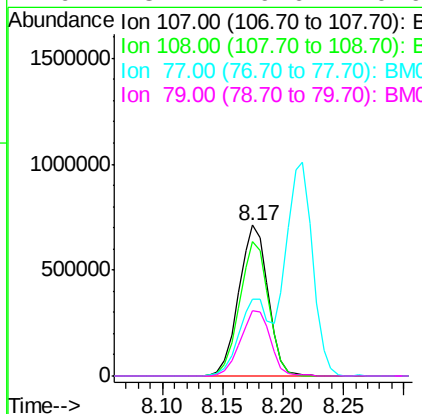
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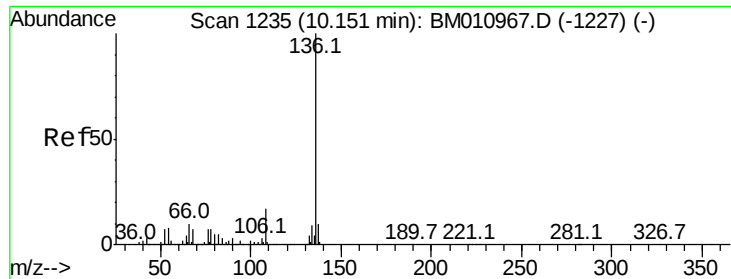
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#20
3+4-Methylphenols
Concen: 52.651 ng
RT: 8.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	107	Resp	1202521
Ion Ratio	Lower	Upper	
107	100		
108	89.1	73.2	113.2
77	51.1	10.7	50.7#
79	43.2	9.6	49.6





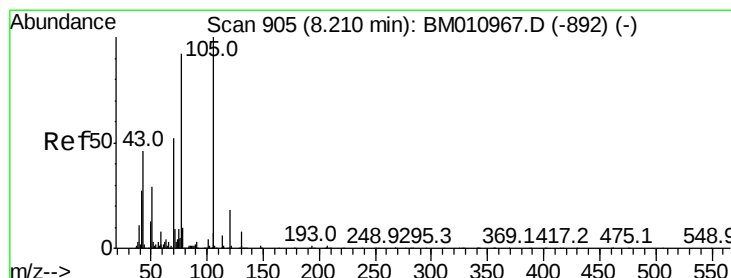
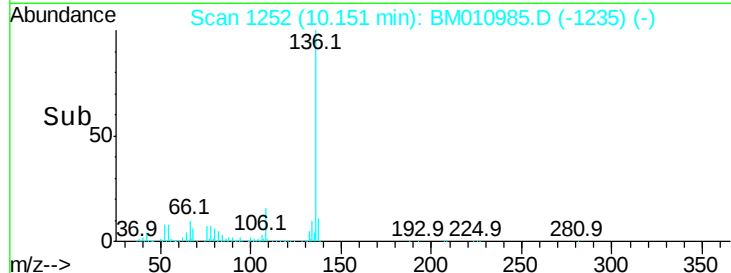
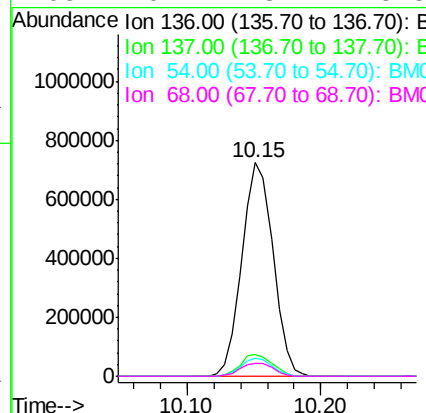
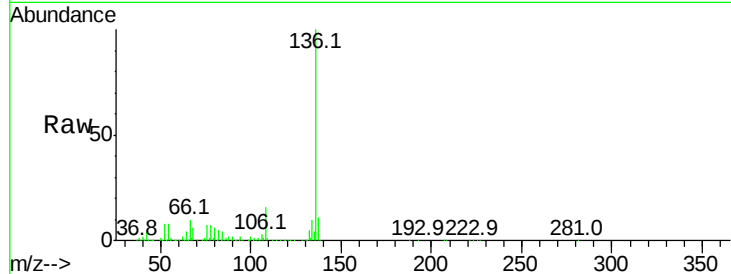
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.15 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampled :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	8.2	4.6	6.8#
68	6.2	3.7	5.5#

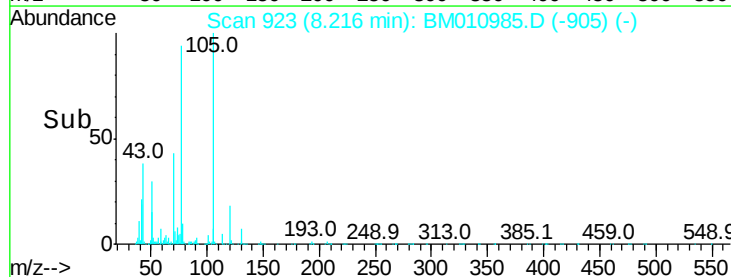
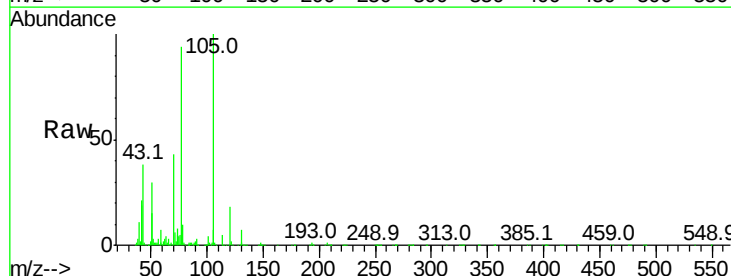
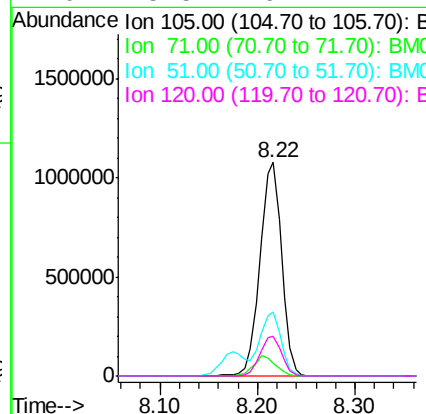
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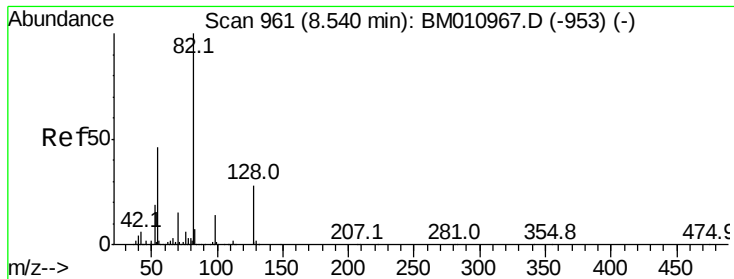
Sohil
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#22
Acetophenone
Concen: 47.660 ng
RT: 8.22 min Scan# 923
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.9	0.6	1.0#
51	29.7	21.6	32.4
120	18.5	16.1	24.1





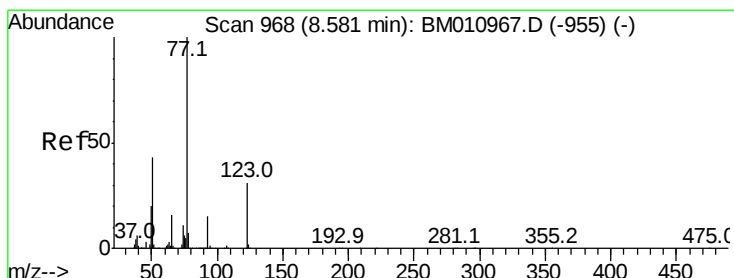
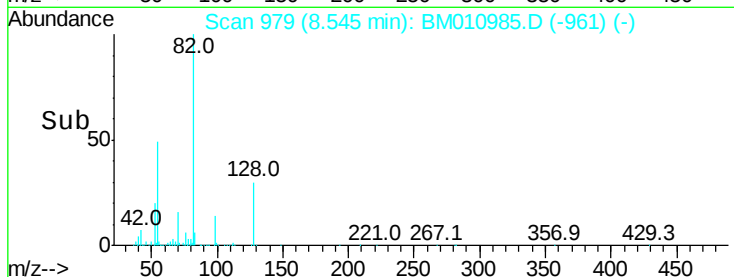
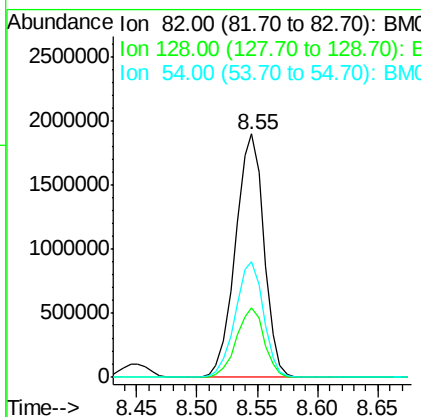
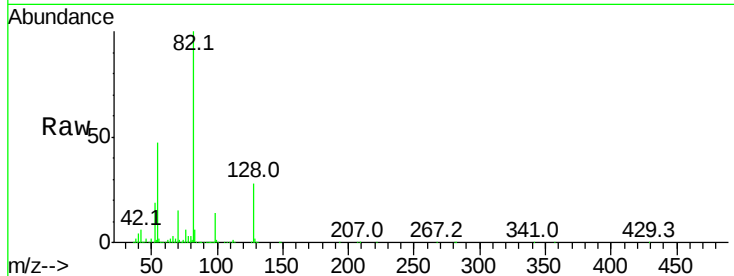
#23
Nitrobenzene-d5
Concen: 99.988 ng
RT: 8.55 min Scan# 979
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	28.5	32.8	49.2#
54	47.3	40.6	60.8

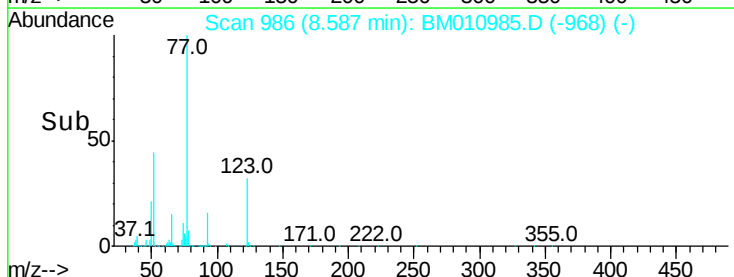
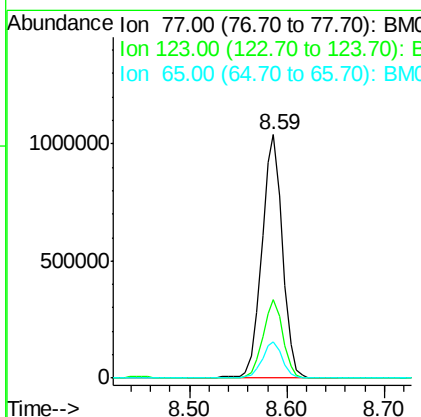
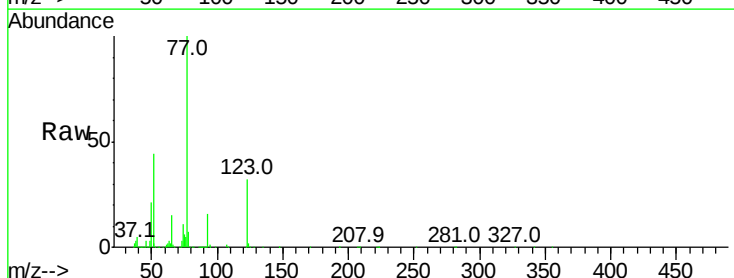
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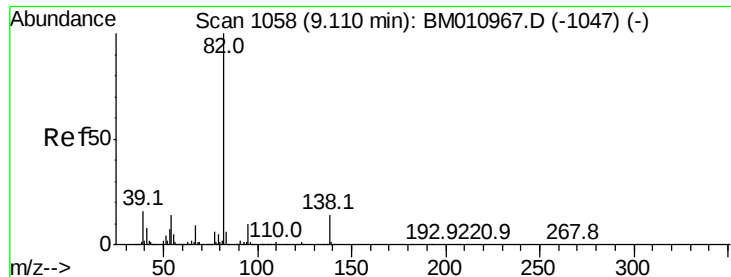
Sohil
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#24
Nitrobenzene
Concen: 47.777 ng
RT: 8.59 min Scan# 986
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	32.1	32.6	49.0#
65	14.8	10.9	16.3





#25

Isophorone

Concen: 48.440 ng

RT: 9.11 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion: 82 Resp: 2518775

Ion Ratio Lower Upper

82 100

95 9.9 5.8 8.6#

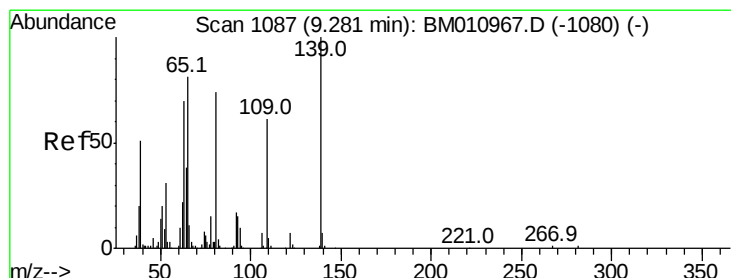
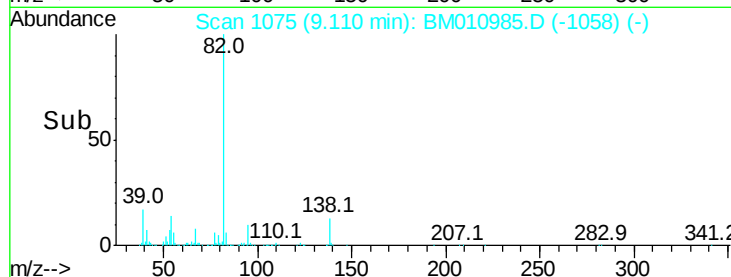
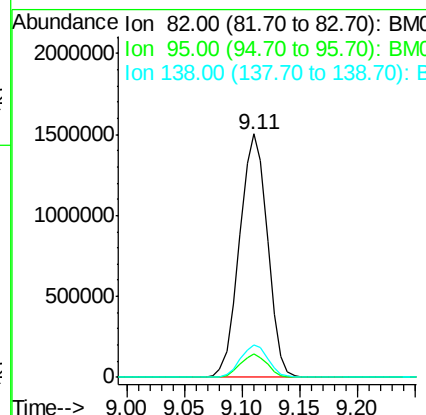
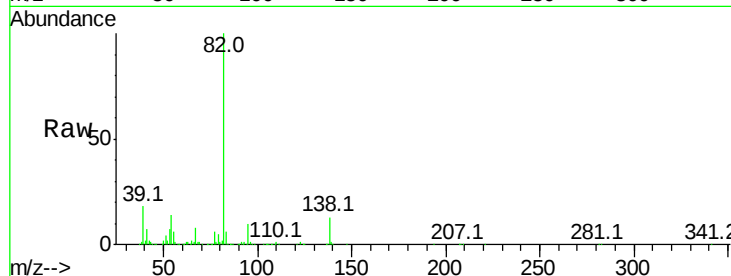
138 13.4 16.3 24.5#

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.891 ng

RT: 9.28 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

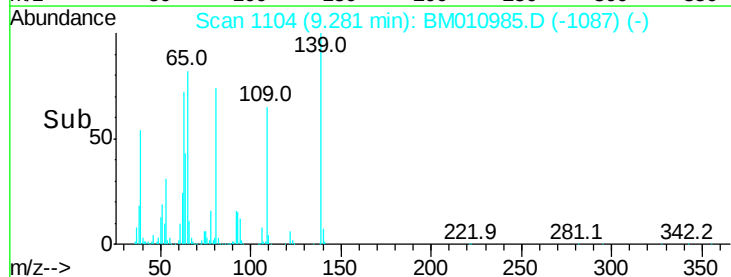
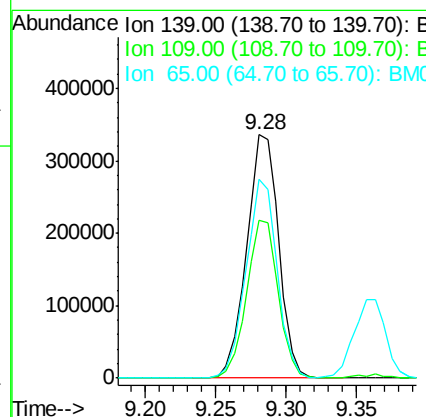
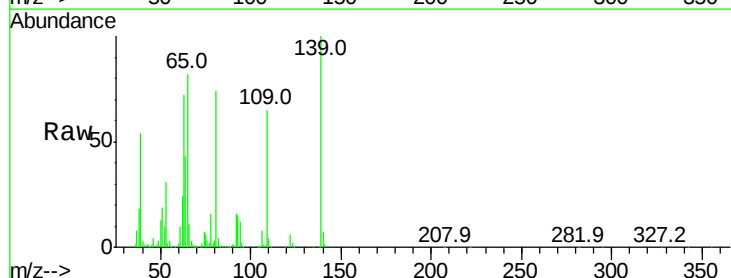
Tgt Ion: 139 Resp: 533572

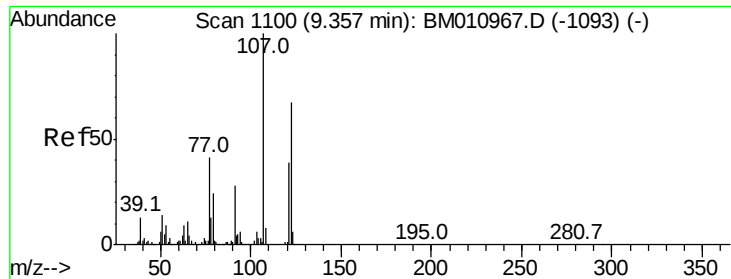
Ion Ratio Lower Upper

139 100

109 64.7 20.1 30.1#

65 81.6 31.5 47.3#





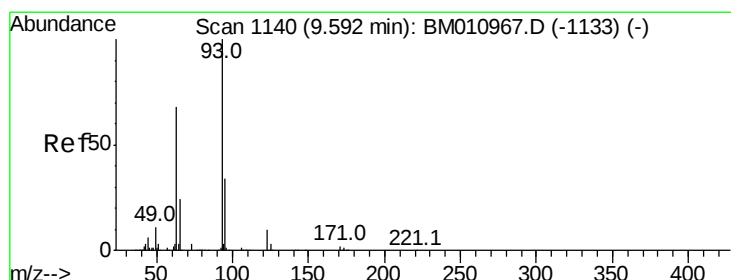
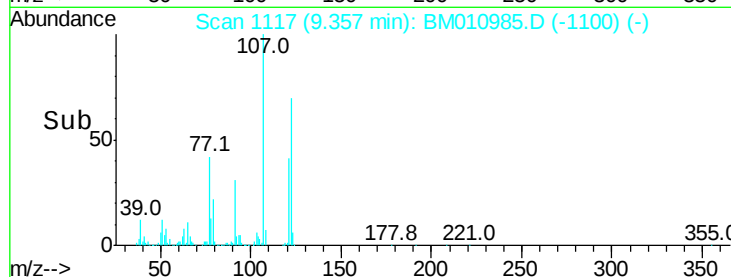
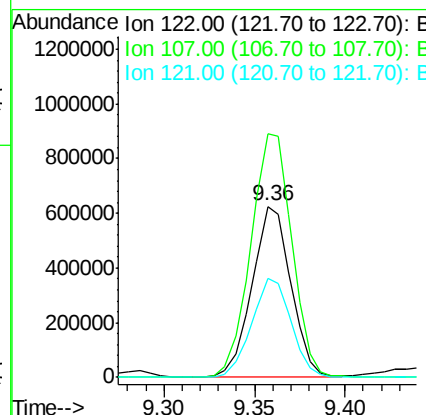
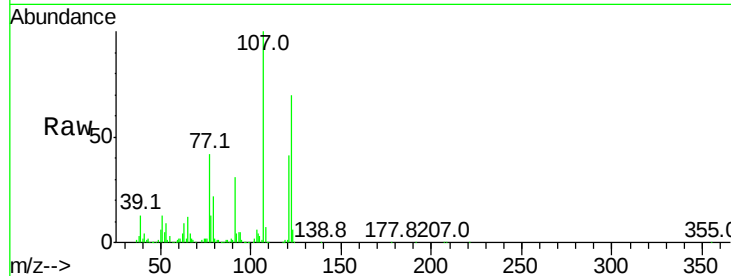
#27
2,4-Dimethylphenol
Concen: 51.486 ng
RT: 9.36 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.4	84.7	127.1#
121	58.0	46.6	69.8

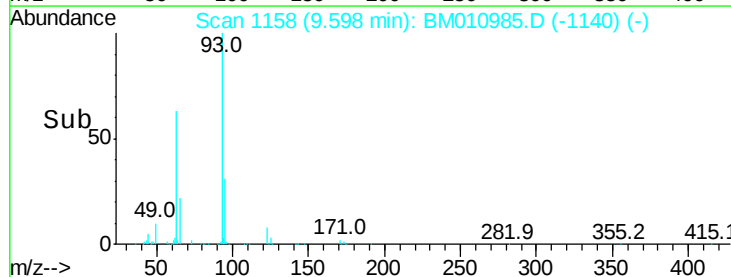
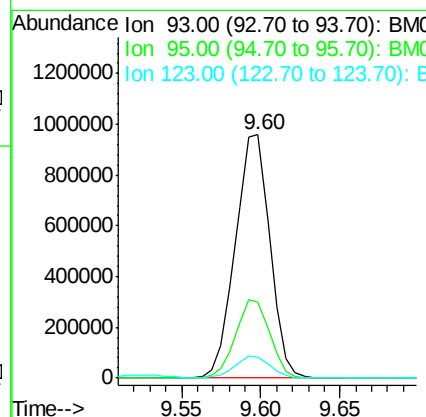
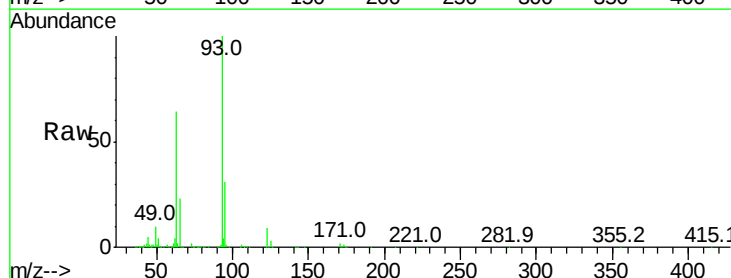
Manual Integrations
APPROVED

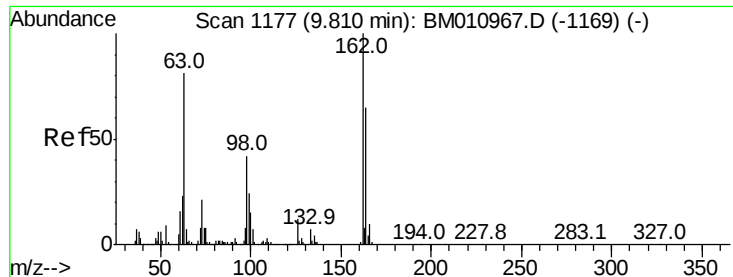
Sohil
7/27/2017 6:21:39 PM



#28
bis(2-Chloroethoxy)methane
Concen: 50.046 ng
RT: 9.60 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.5	38.3
123	8.6	8.6	13.0#





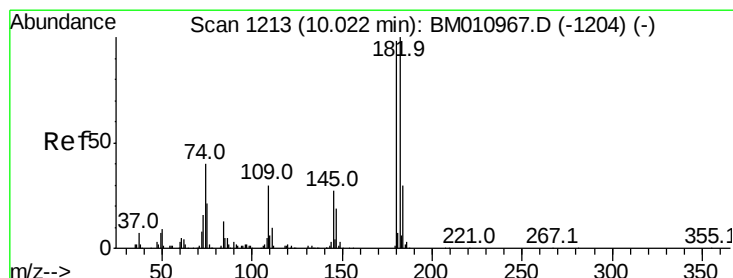
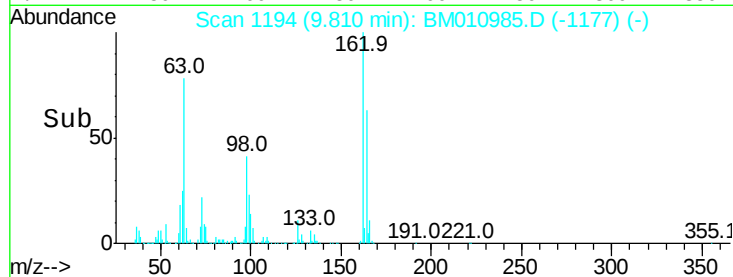
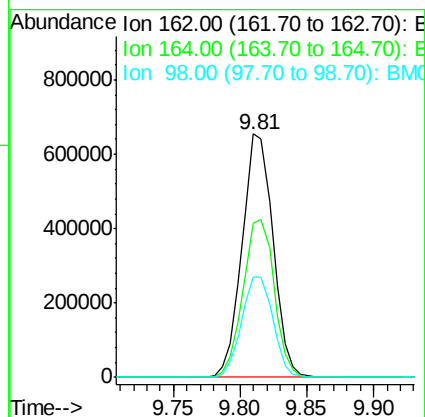
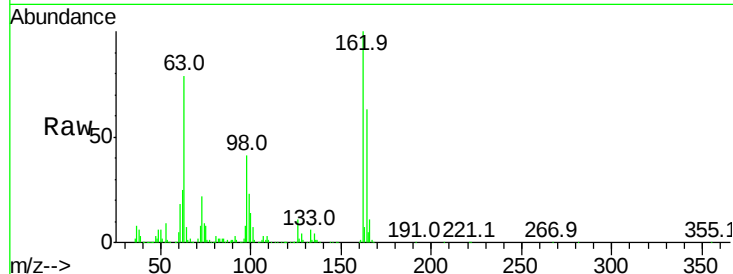
#29
2,4-Dichlorophenol
Concen: 51.704 ng
RT: 9.81 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	42.8	82.8
98	41.1	14.5	54.5

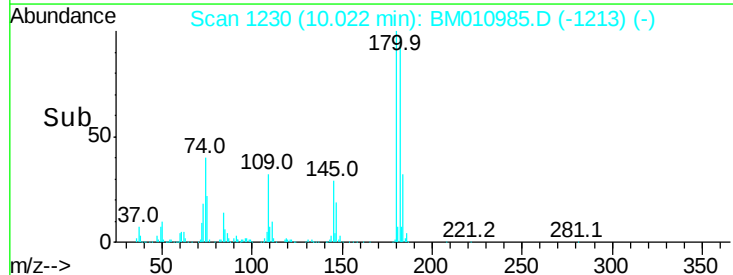
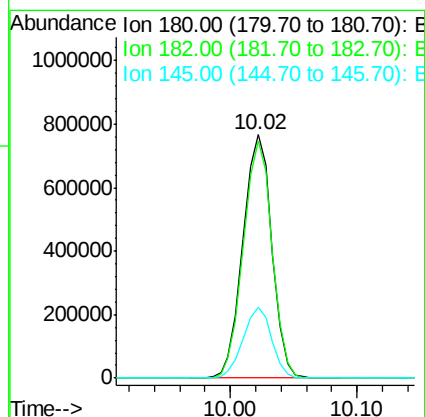
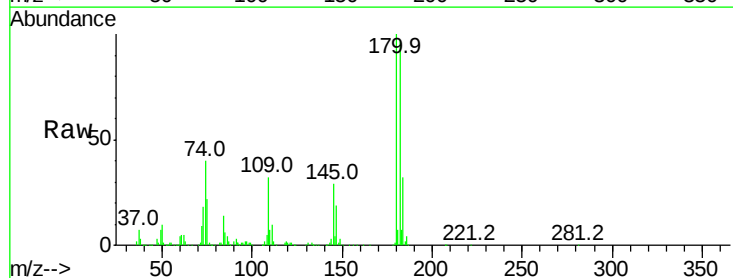
Manual Integrations
APPROVED

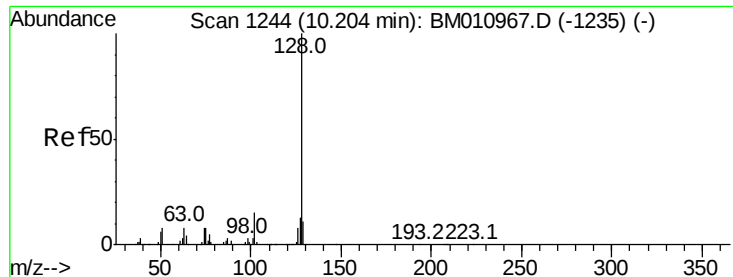
Sohil
7/27/2017 6:21:39 PM



#30
1,2,4-Trichlorobenzene
Concen: 48.202 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.6	116.4
145	29.3	23.4	35.2





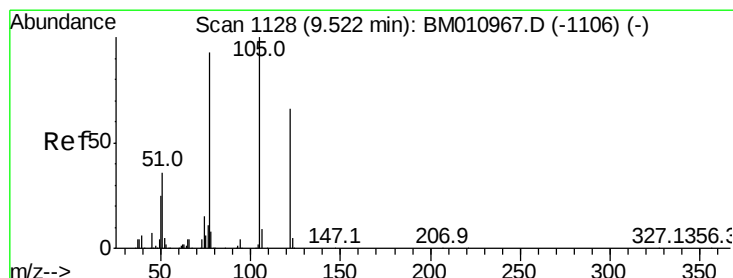
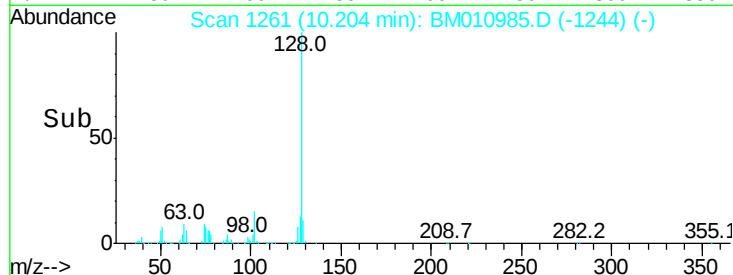
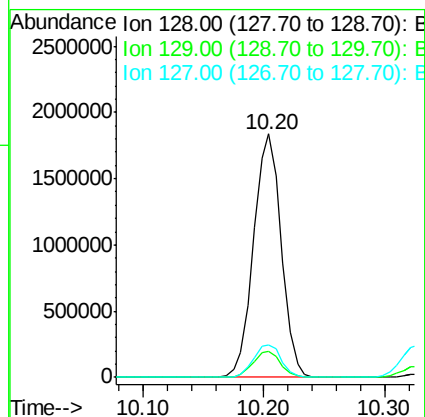
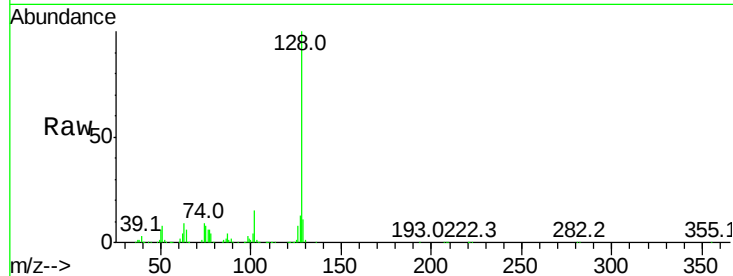
#31
Naphthalene
Concen: 49.718 ng
RT: 10.20 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.2	10.4	15.6

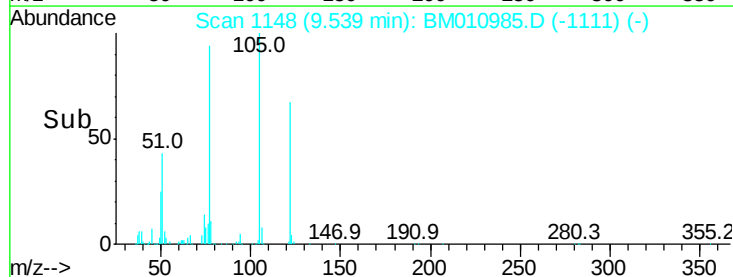
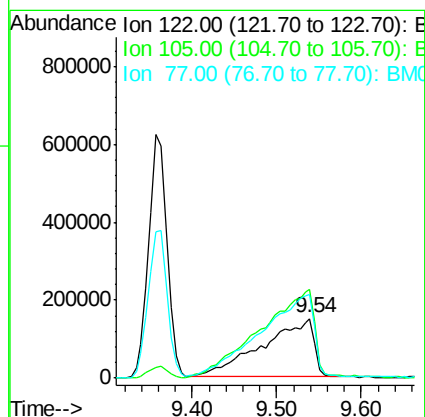
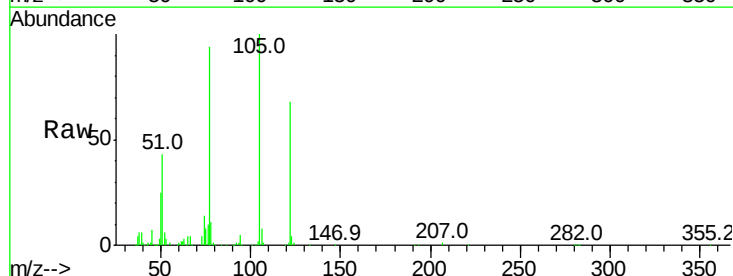
Manual Integrations
APPROVED

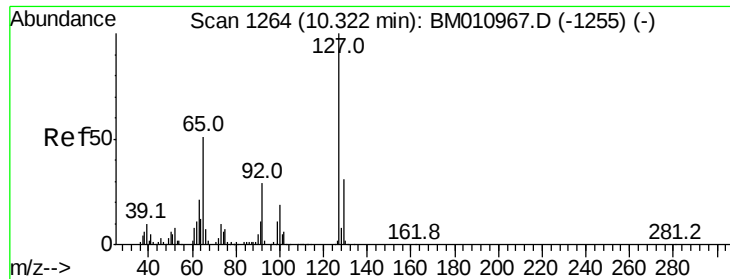
Sohil
7/27/2017 6:21:39 PM



#32
Benzoic acid
Concen: 44.261 ng
RT: 9.54 min Scan# 1148
Delta R.T. 0.02 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	147.8	99.9	139.9#
77	139.2	73.7	113.7#





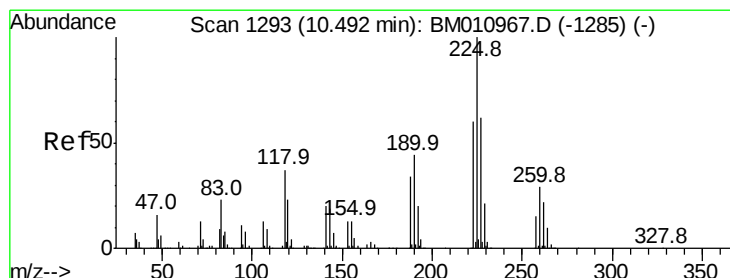
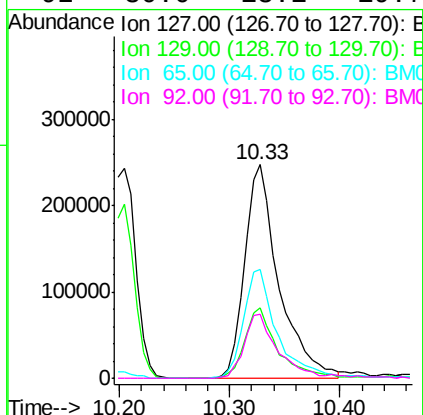
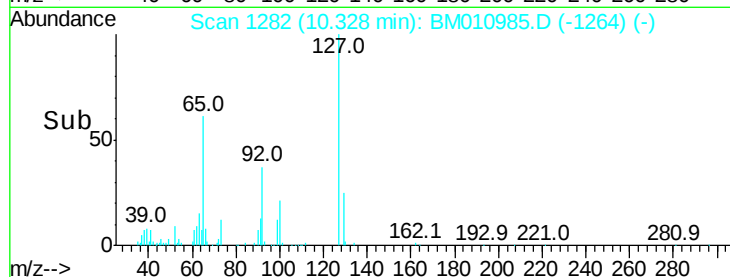
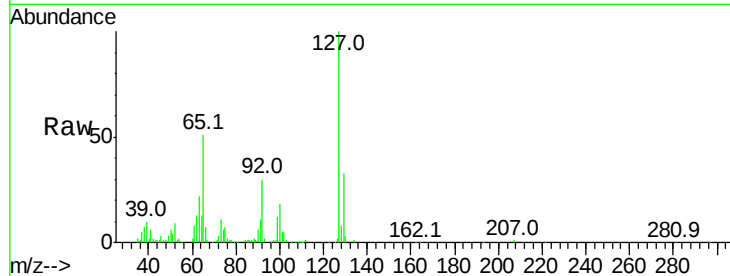
#33
4-Chloroaniline
Concen: 22.862 ng
RT: 10.33 min Scan# 1282
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.3	37.9	
65	51.0	17.6	26.4	
92	30.0	13.1	19.7	

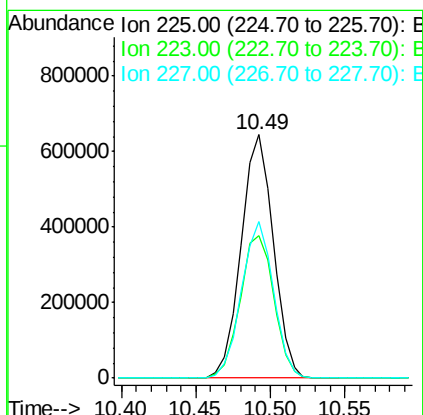
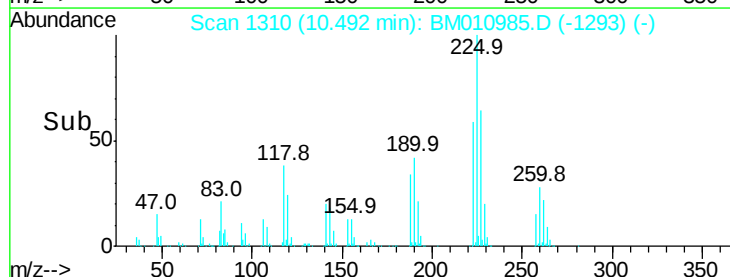
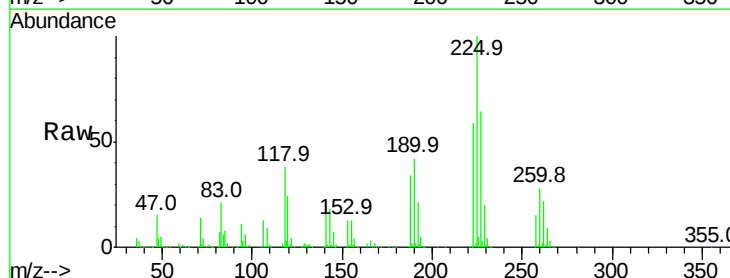
Manual Integrations
APPROVED

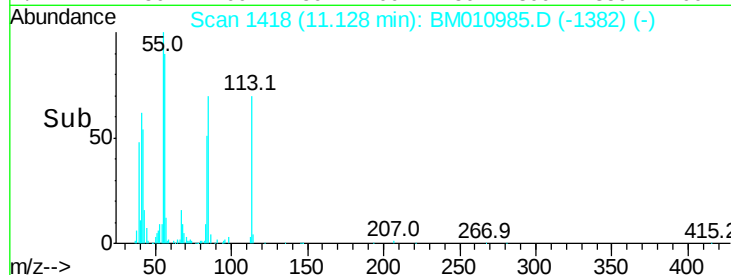
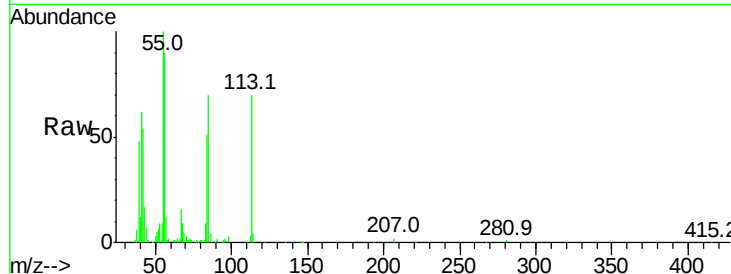
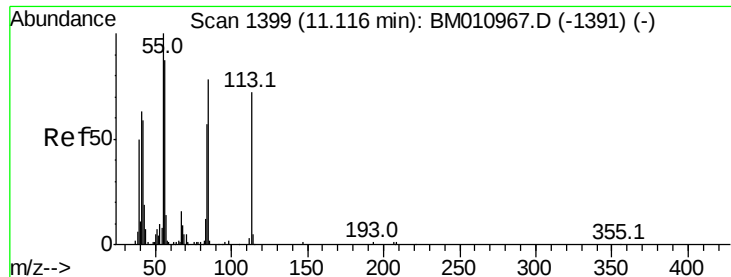
Sohil
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#34
Hexachlorobutadiene
Concen: 48.570 ng
RT: 10.49 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	58.7	47.9	71.9	
227	64.3	50.1	75.1	





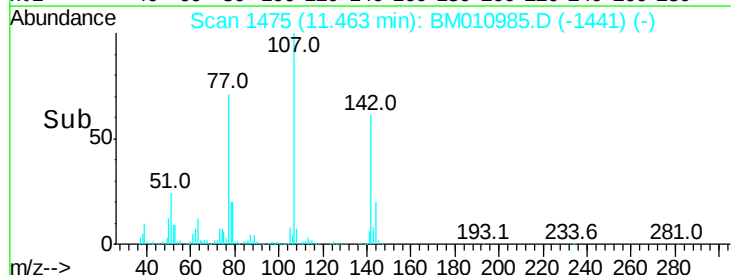
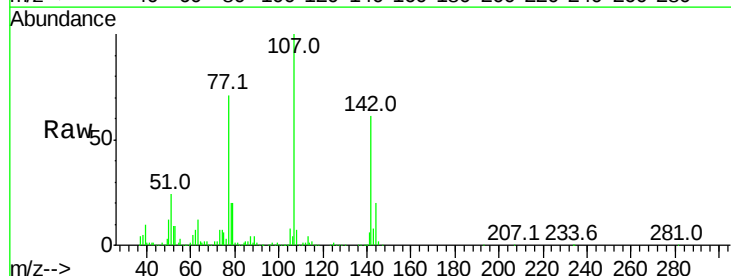
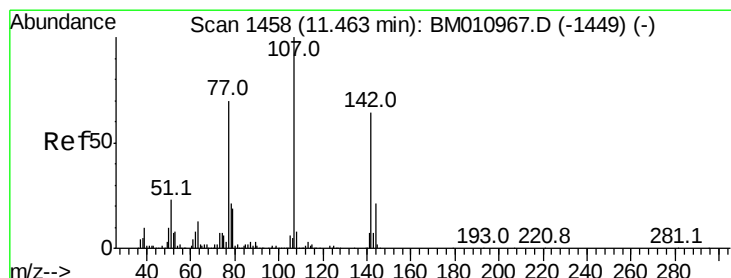
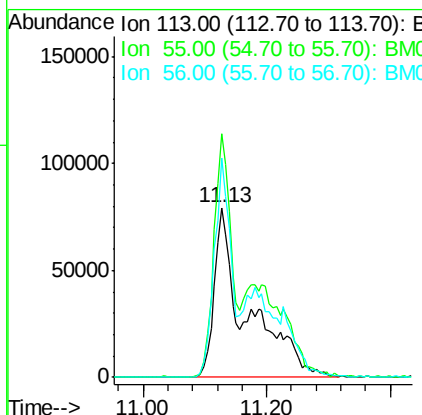
#35
Caprolactam
Concen: 49.684 ng/ml
RT: 11.13 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.7	145.9	185.9#
56	129.5	101.0	141.0

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

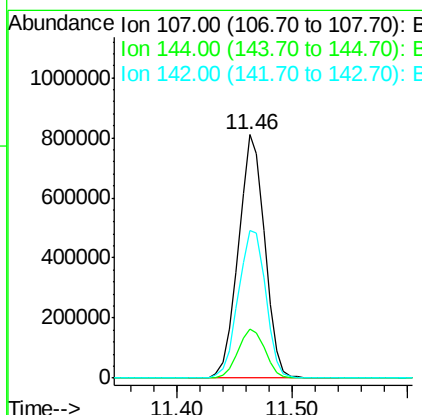
Manual Integrations
APPROVED

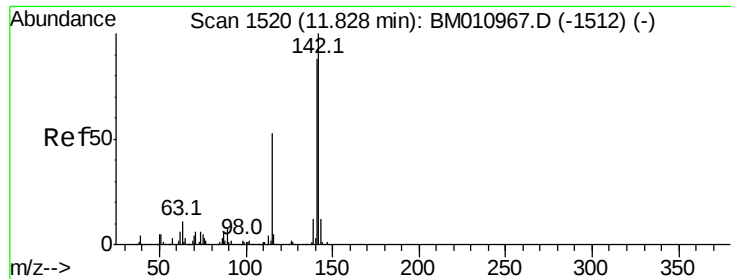
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 48.700 ng
RT: 11.46 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	20.2	23.3	34.9#
142	60.8	72.6	109.0#





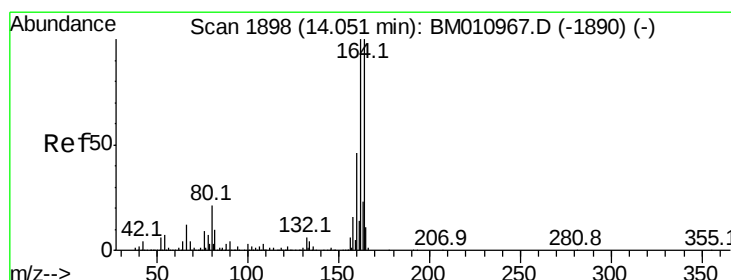
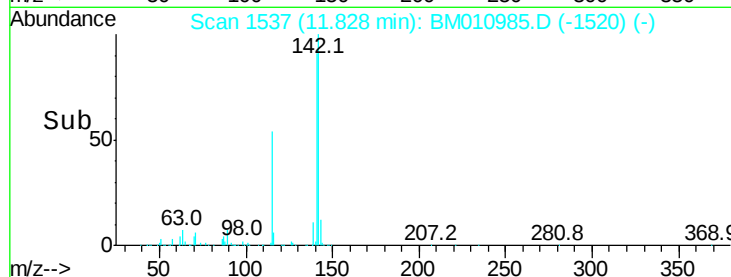
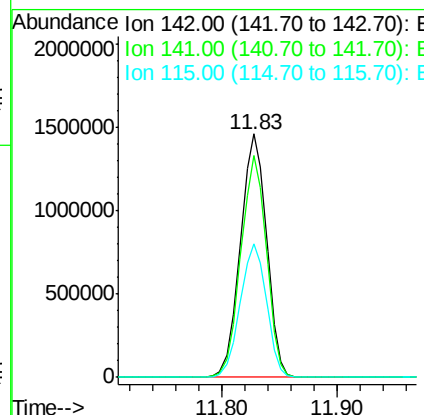
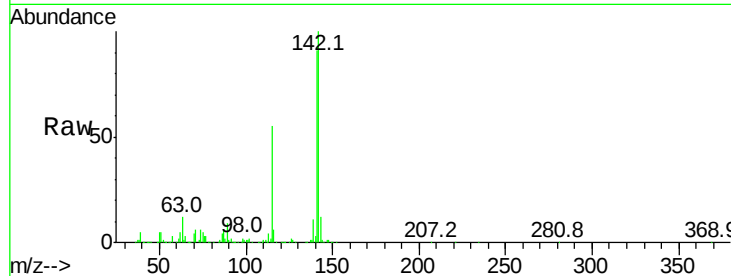
#37
2-Methylnaphthalene
Concen: 53.025 ng
RT: 11.83 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.9	107.9
115	54.6	25.4	38.0

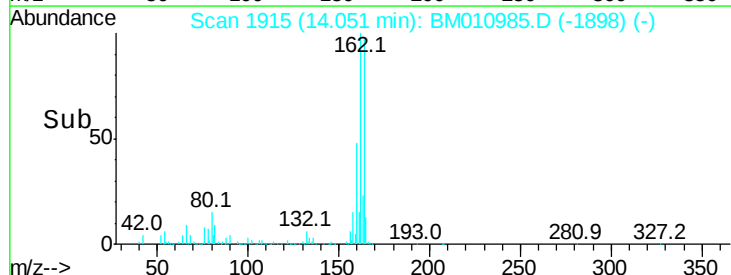
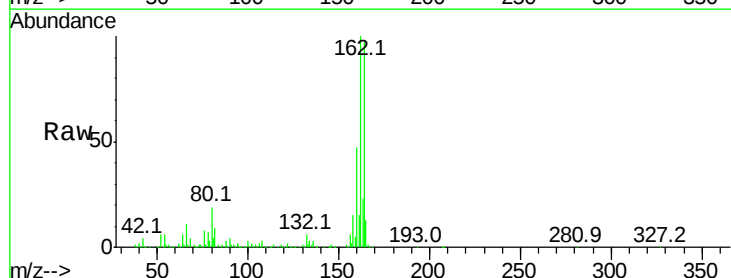
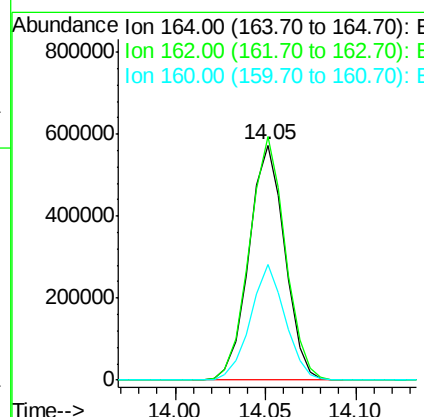
Manual Integrations
APPROVED

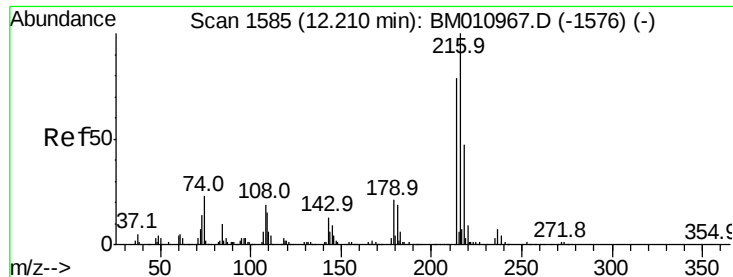
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.05 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.4	123.6
160	49.1	35.8	53.6





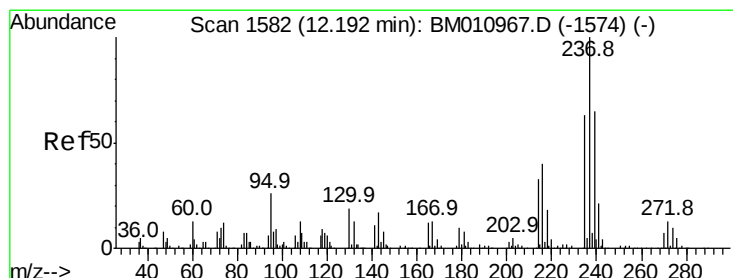
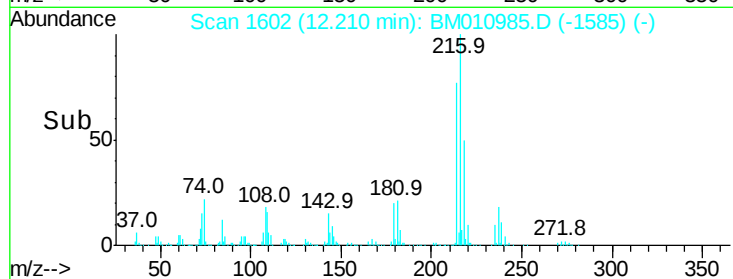
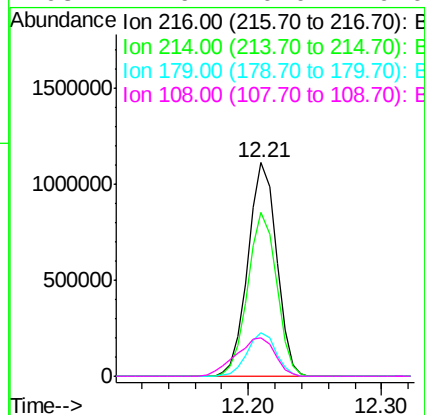
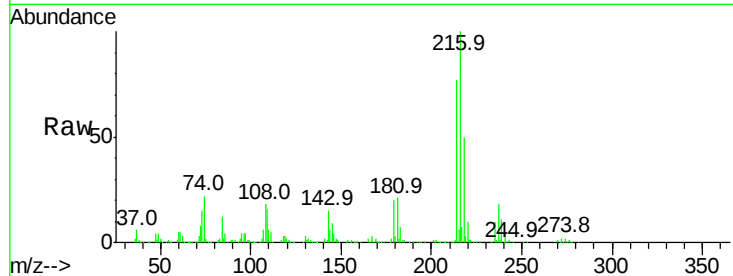
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.546 ng
 RT: 12.21 min Scan# 1602
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	76.9	0.0	0.0#
179	20.7	0.0	0.0#
108	24.6	0.0	0.0#

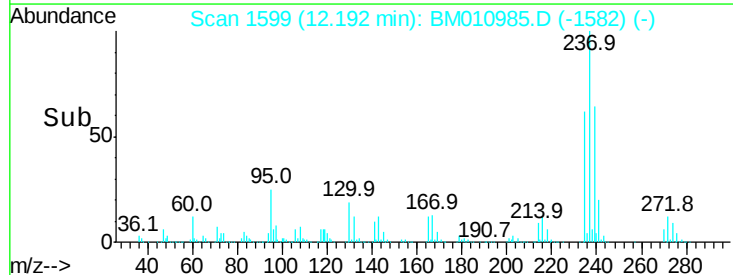
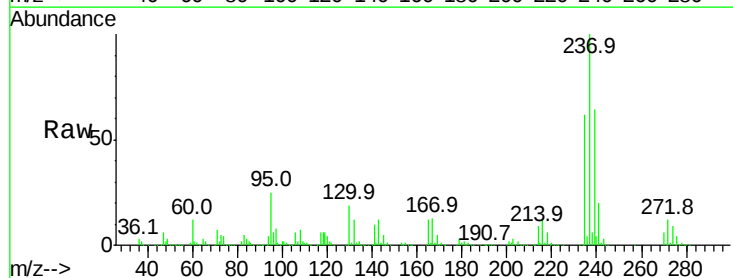
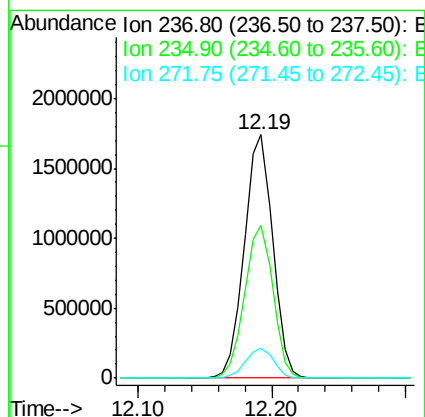
Manual Integrations
 APPROVED

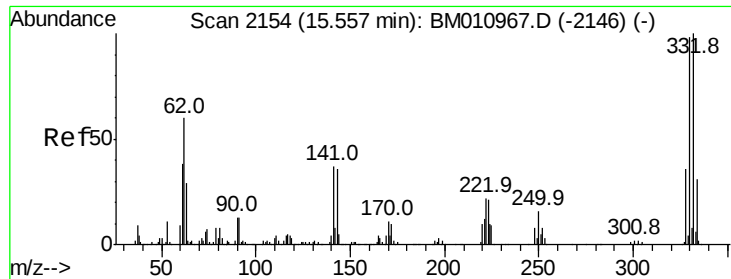
Sohil
 7/27/2017 6:21:39 PM



#40
 Hexachlorocyclopentadiene
 Concen: 129.461 ng
 RT: 12.19 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	12.4	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 160.947 ng

RT: 15.56 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion:330 Resp: 2026595

Ion Ratio Lower Upper

330 100

332 94.5 0.0 0.0#

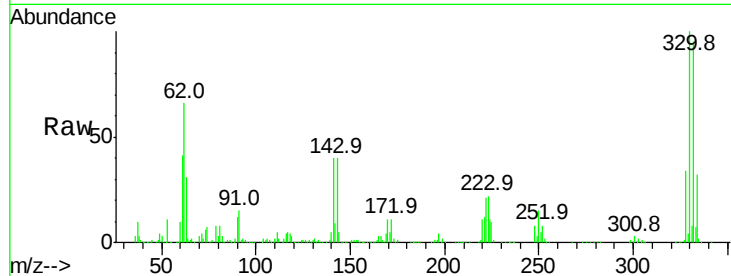
141 39.6 0.0 0.0#

Manual Integrations

APPROVED

Sohil

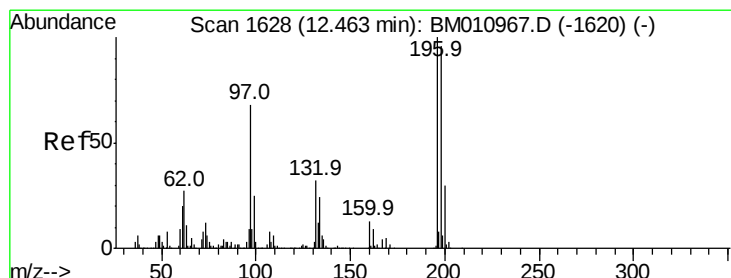
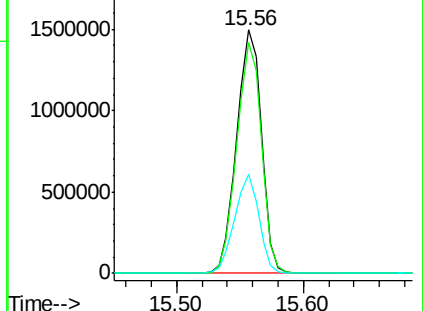
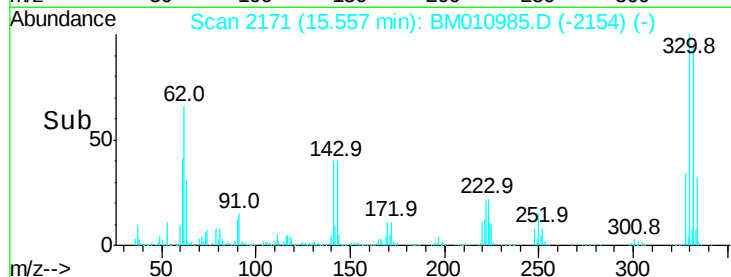
7/27/2017 6:21:39 PM



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: 51.302 ng

RT: 12.46 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

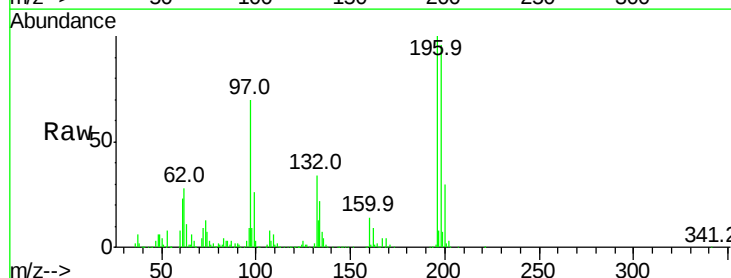
Tgt Ion:196 Resp: 1048051

Ion Ratio Lower Upper

196 100

198 95.8 76.3 114.5

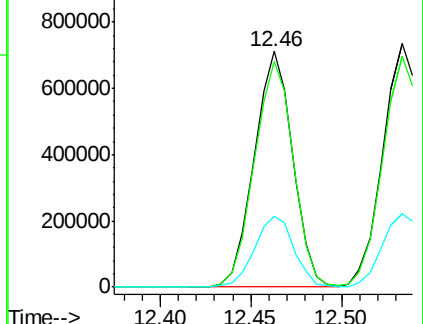
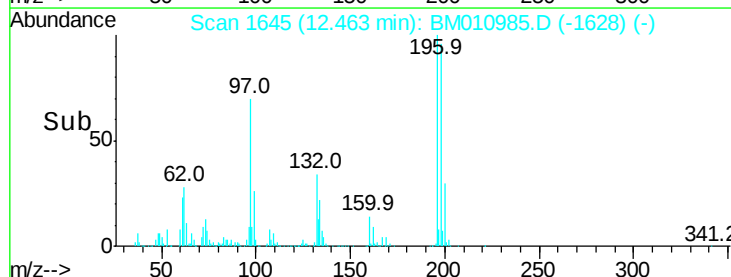
200 30.0 25.6 38.4

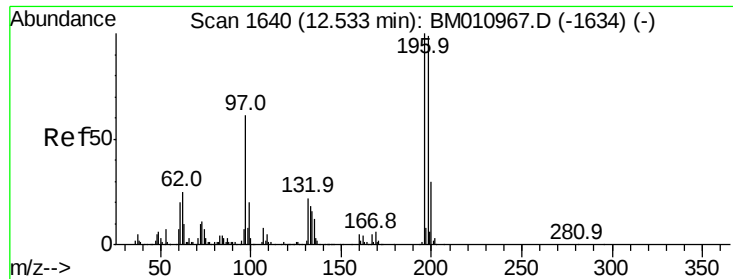


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





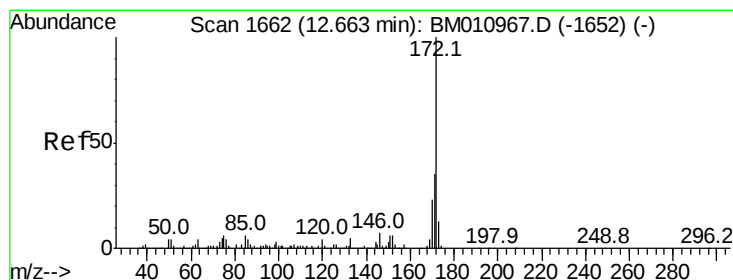
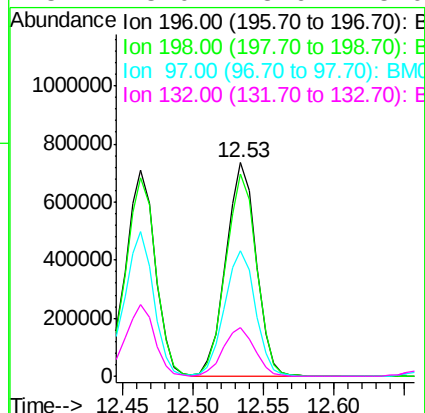
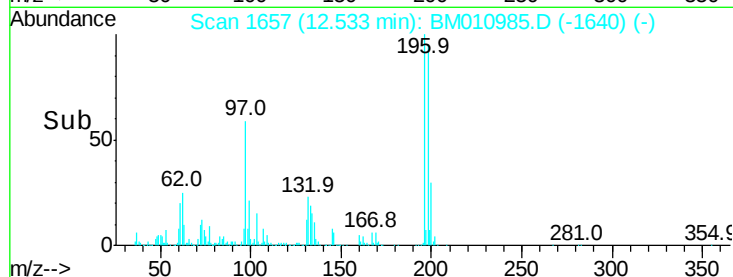
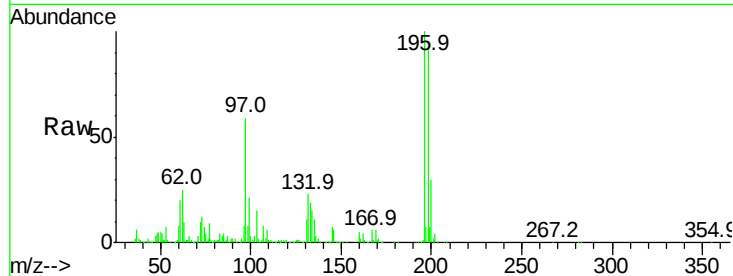
#43
2,4,5-Trichlorophenol
Concen: 52.250 ng
RT: 12.53 min Scan# 1657
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.6	79.4	119.0
97	58.9	26.8	40.2
132	23.0	18.6	28.0

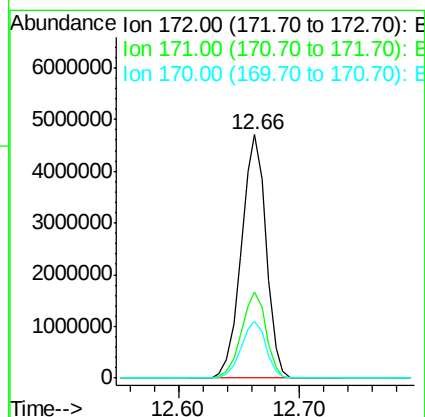
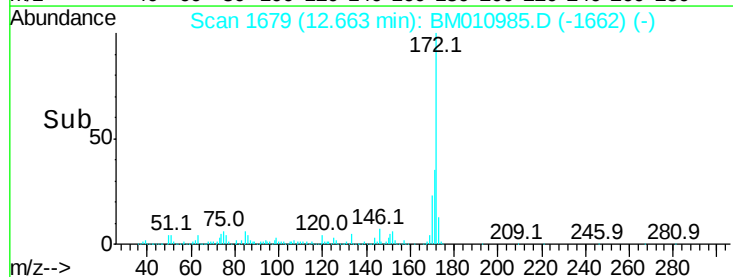
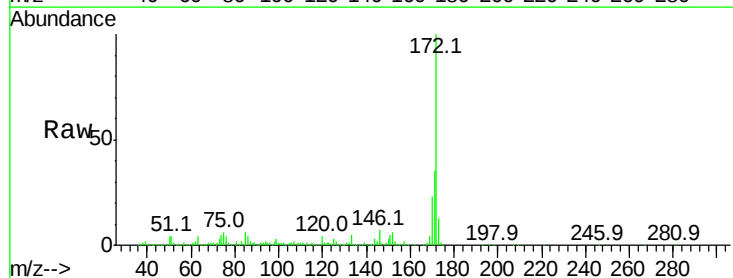
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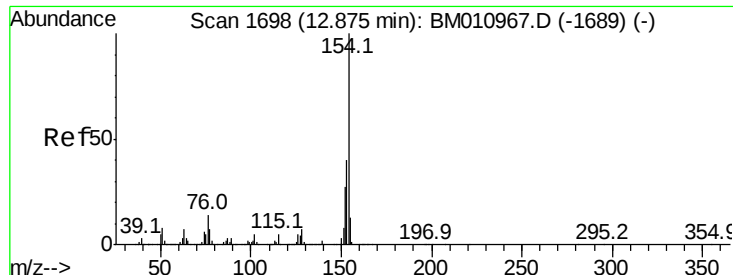
Sohil
7/27/2017 6:21:39 PM



#44
2-Fluorobiphenyl
Concen: 106.906 ng
RT: 12.66 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.2	18.8	28.2





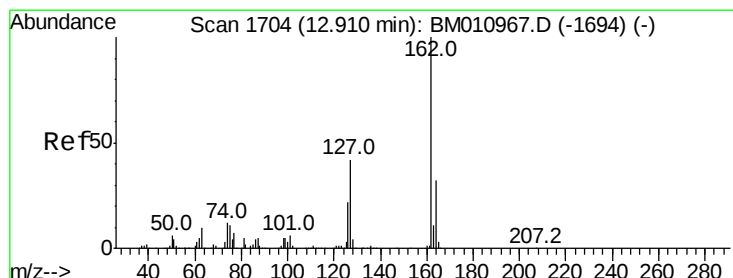
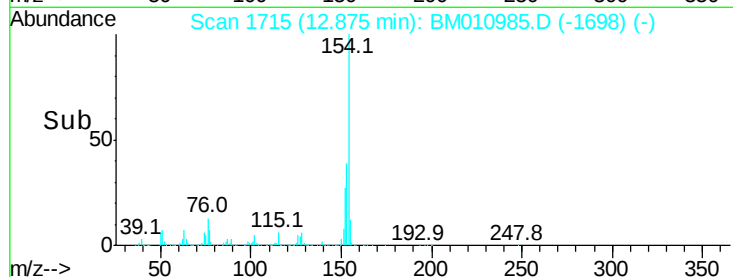
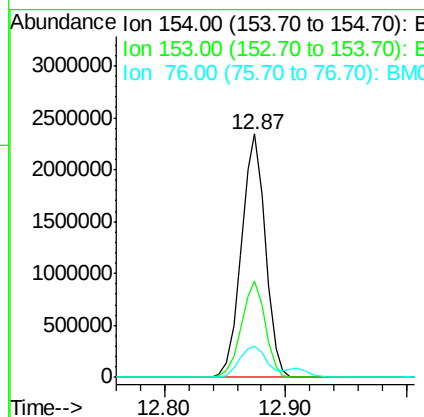
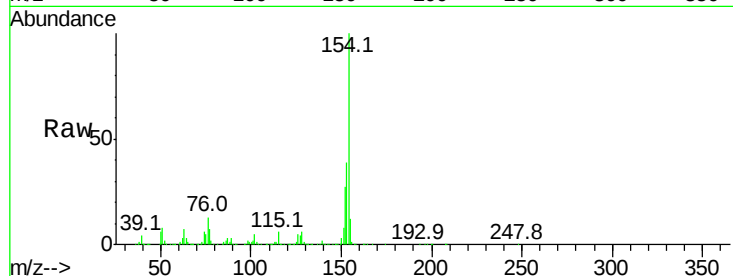
#45
 1,1'-Biphenyl
 Concen: 47.561 ng
 RT: 12.87 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.5	20.7	60.7
76	13.0	0.0	30.9

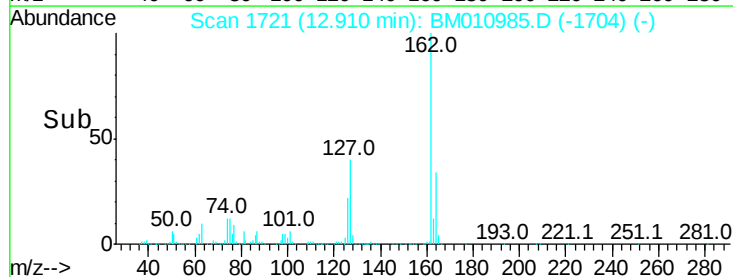
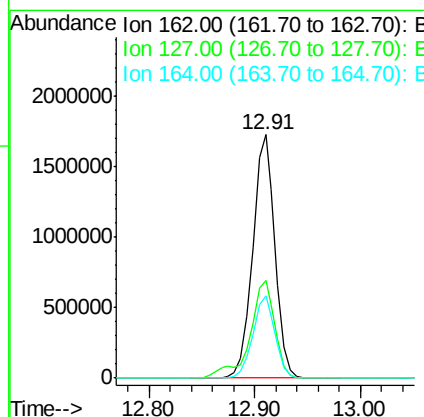
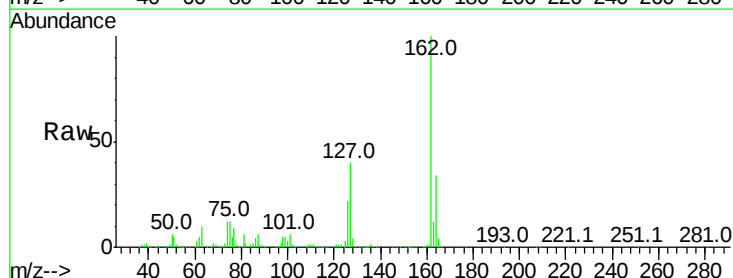
Manual Integrations
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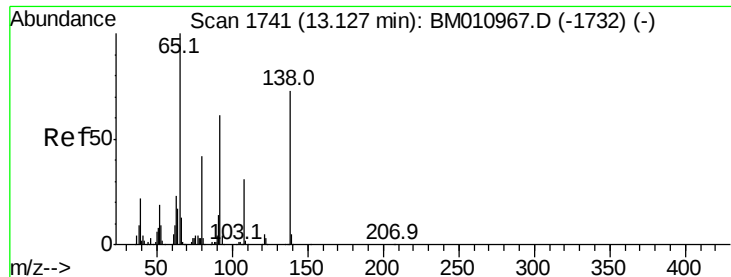
Sohil
 7/27/2017 6:21:39 PM



#46
 2-Chloronaphthalene
 Concen: 50.303 ng
 RT: 12.91 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	26.9	40.3
164	33.7	26.8	40.2





#47

2-Nitroaniline

Concen: 53.029 ng

RT: 13.13 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion: 65 Resp: 938956

Ion Ratio Lower Upper

65 100

92 64.5 59.1 88.7

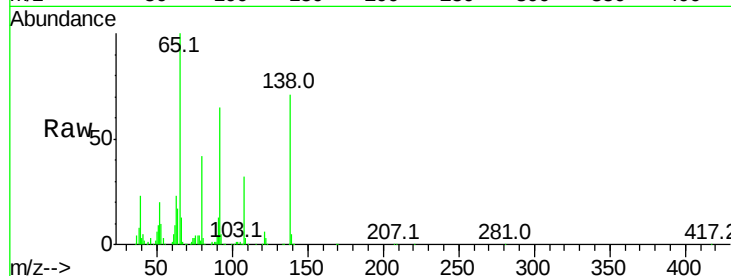
138 71.0 93.9 140.9#

Manual Integrations

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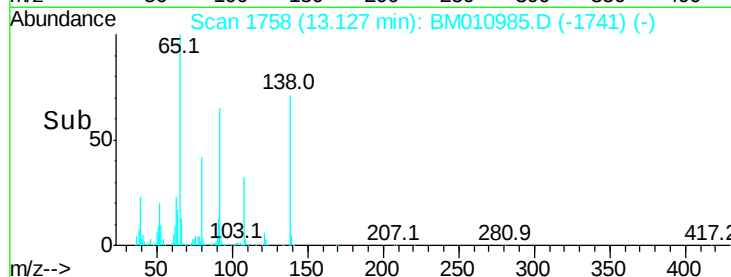


Abundance Ion 65.00 (64.70 to 65.70): BM010967.D (-1732) (-)

Ion 92.00 (91.70 to 92.70): BM010967.D (-1732) (-)

Ion 138.00 (137.70 to 138.70): BM010967.D (-1732) (-)

Time-->



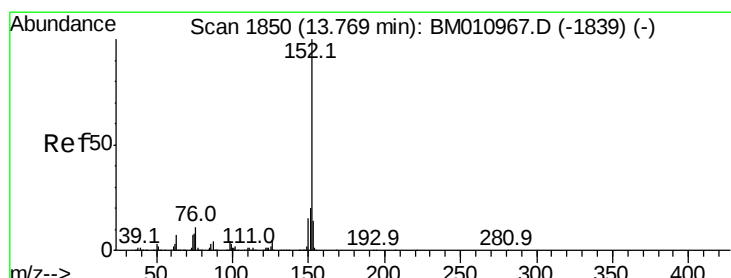
Abundance

Ion 65.00 (64.70 to 65.70): BM010985.D (-1741) (-)

Ion 92.00 (91.70 to 92.70): BM010985.D (-1741) (-)

Ion 138.00 (137.70 to 138.70): BM010985.D (-1741) (-)

Time-->



#48

Acenaphthylene

Concen: 51.157 ng

RT: 13.77 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

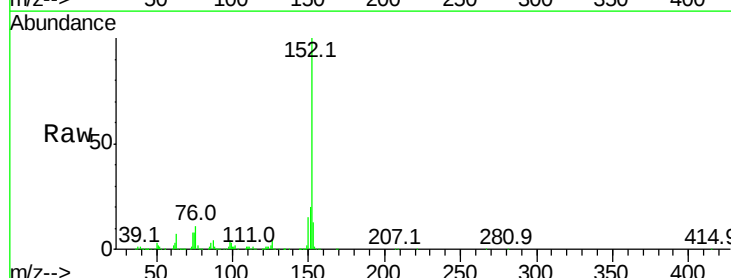
Tgt Ion: 152 Resp: 3821110

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

153 13.0 10.6 16.0

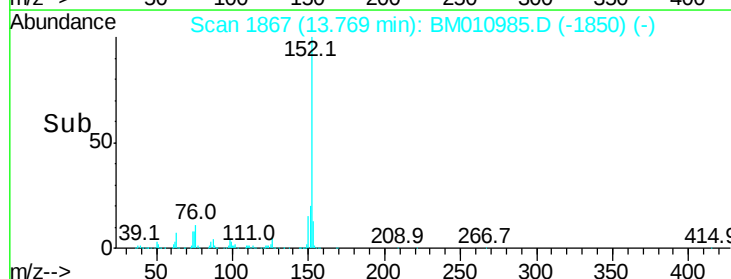


Abundance Ion 152.00 (151.70 to 152.70): BM010967.D (-1839) (-)

Ion 151.00 (150.70 to 151.70): BM010967.D (-1839) (-)

Ion 153.00 (152.70 to 153.70): BM010967.D (-1839) (-)

Time-->



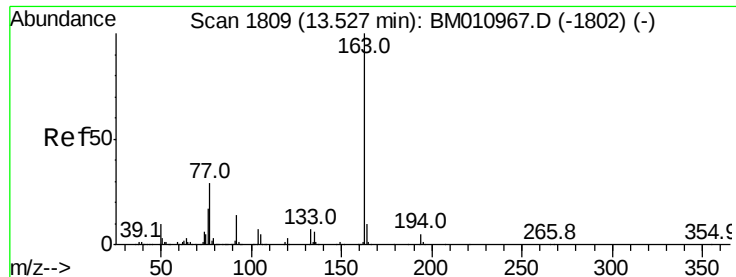
Abundance

Ion 152.00 (151.70 to 152.70): BM010985.D (-1850) (-)

Ion 151.00 (150.70 to 151.70): BM010985.D (-1850) (-)

Ion 153.00 (152.70 to 153.70): BM010985.D (-1850) (-)

Time-->



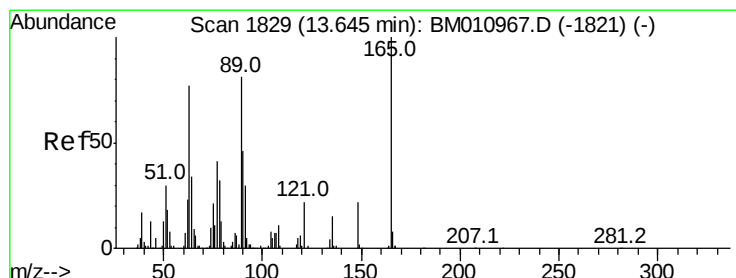
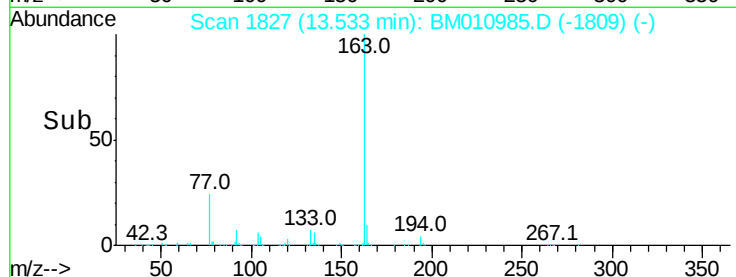
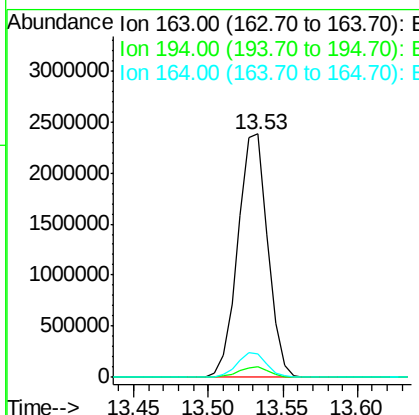
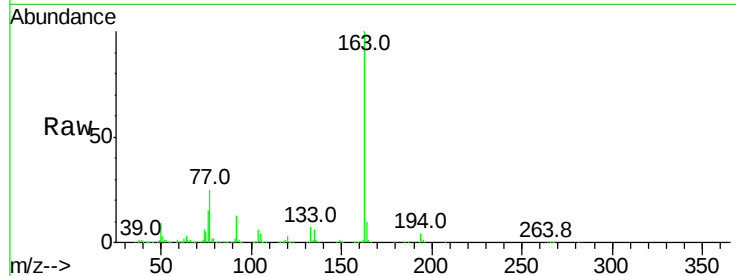
#49
Dimethylphthalate
Concen: 49.135 ng
RT: 13.53 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.7	8.2	12.2

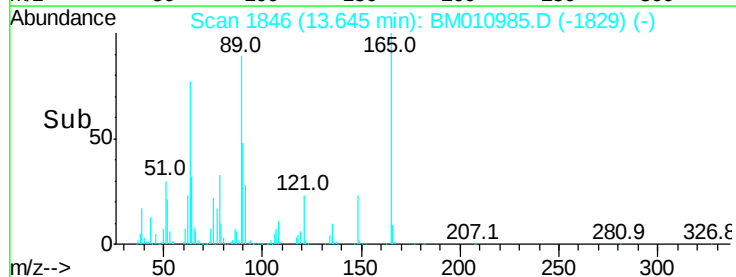
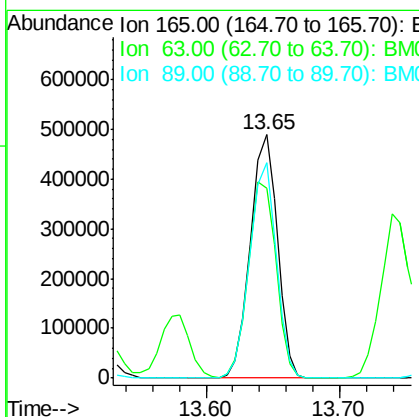
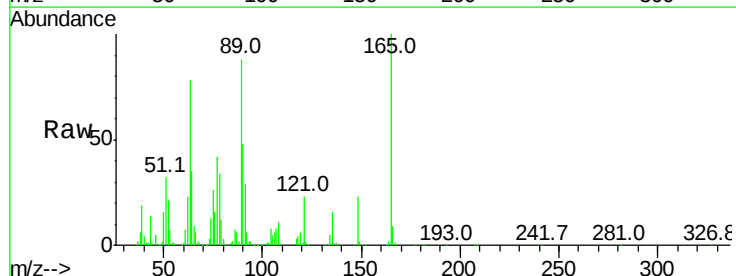
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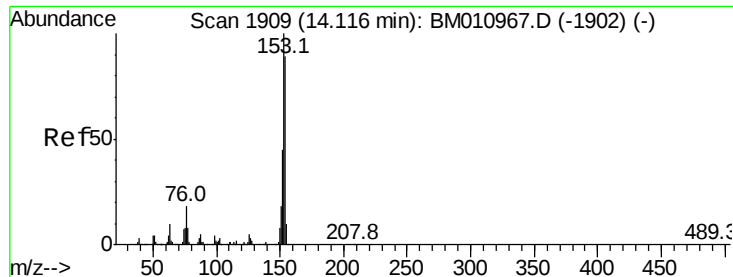
Sohil
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#50
2,6-Dinitrotoluene
Concen: 50.256 ng
RT: 13.65 min Scan# 1846
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.2	44.1	66.1#
89	88.3	44.3	66.5#





#51

Acenaphthene

Concen: 50.120 ng

RT: 14.12 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion:154 Resp: 2318013

Ion Ratio Lower Upper

154 100

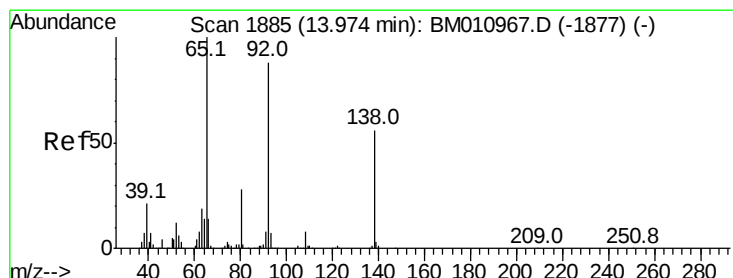
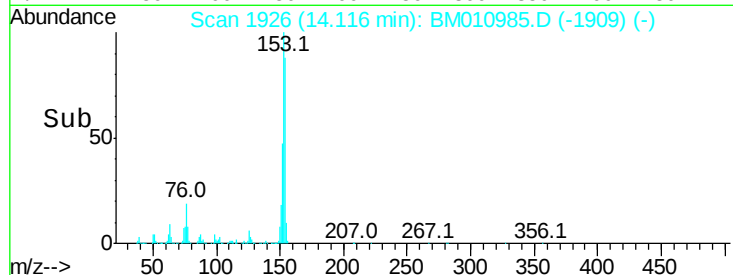
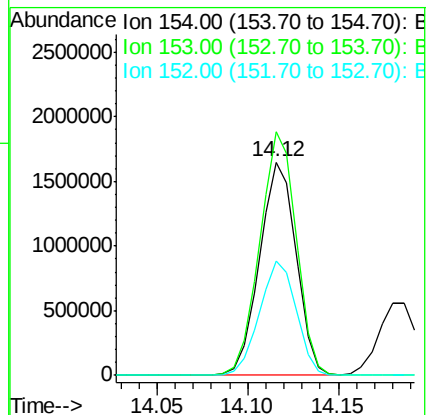
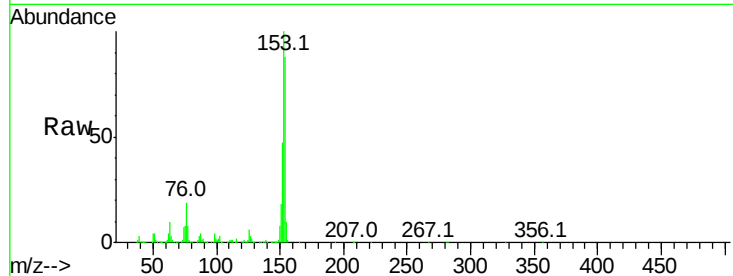
153 114.0 90.0 135.0

152 53.3 42.6 63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 40.308 ng

RT: 13.97 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

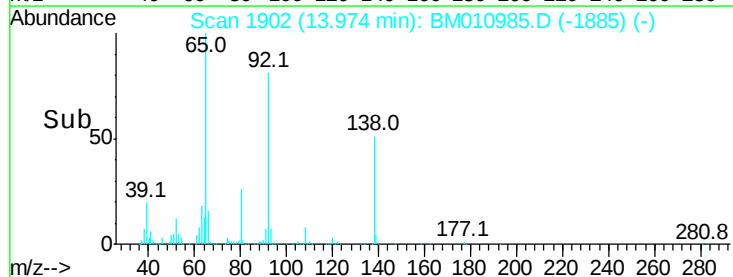
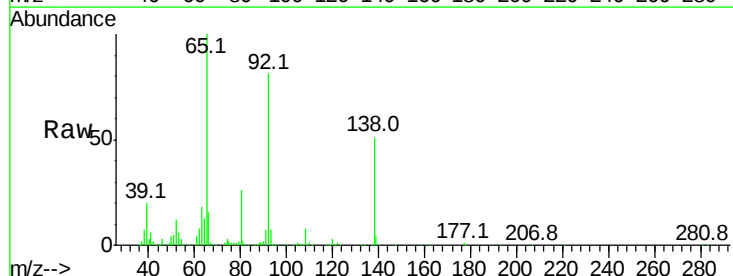
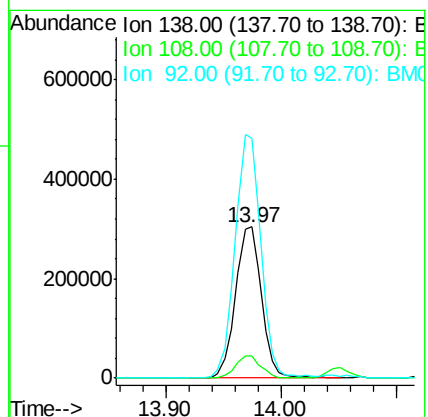
Tgt Ion:138 Resp: 475369

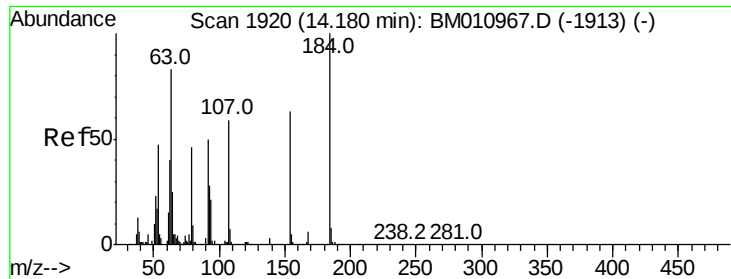
Ion Ratio Lower Upper

138 100

108 14.7 7.3 10.9#

92 158.3 76.6 114.8#





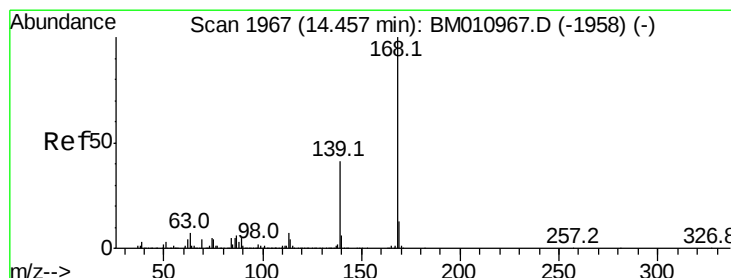
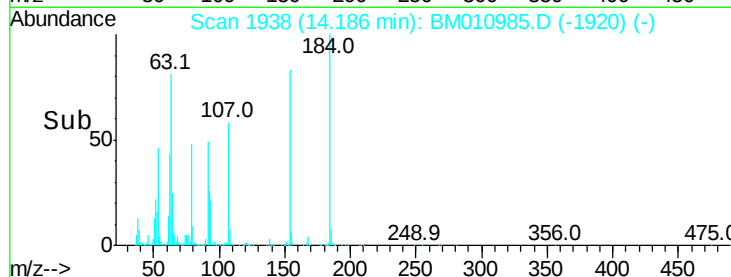
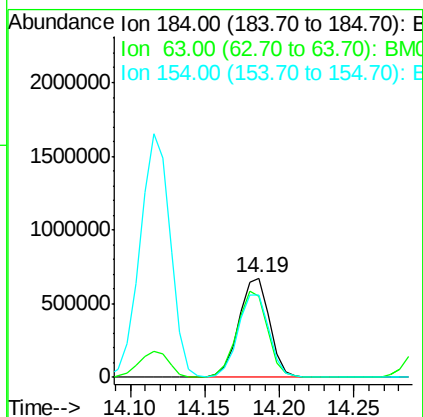
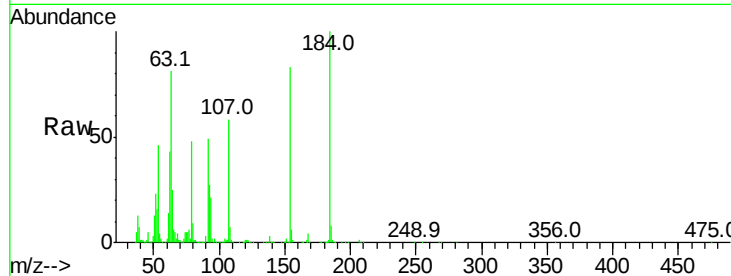
#53
2,4-Dinitrophenol
Concen: 99.406 ng
RT: 14.19 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	81.2	69.2	103.8
154	83.2	53.3	79.9#

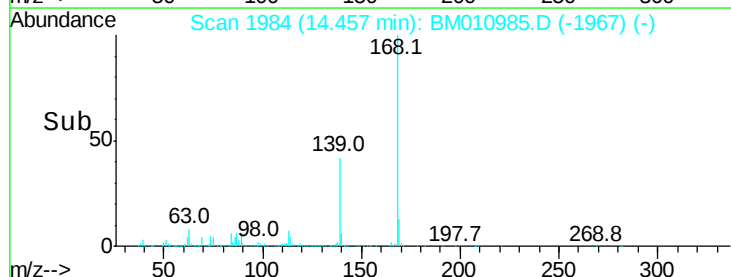
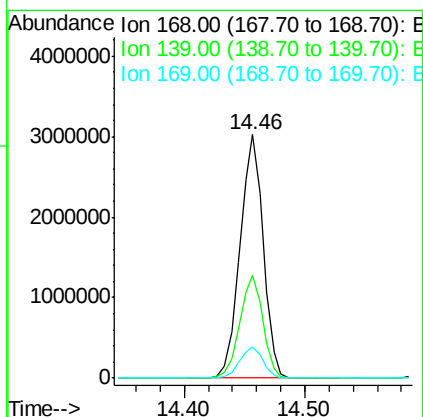
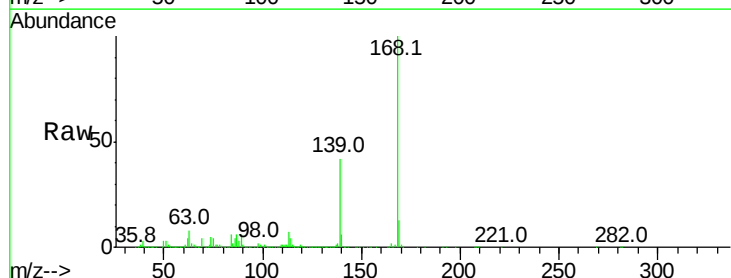
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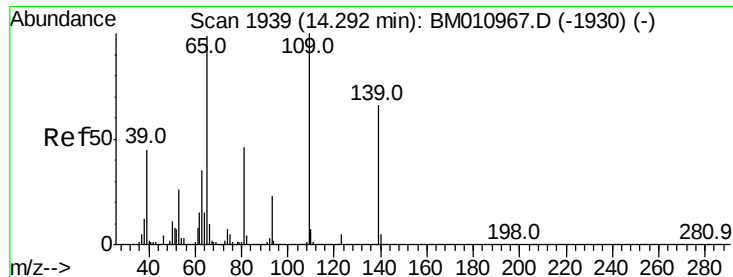
Sohil
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#54
Dibenzofuran
Concen: 53.962 ng
RT: 14.46 min Scan# 1984
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.1	27.3	40.9#
169	13.0	10.6	16.0





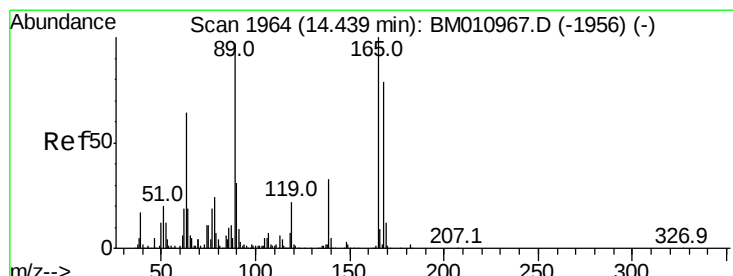
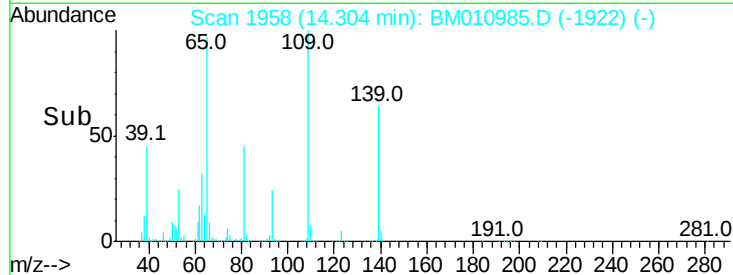
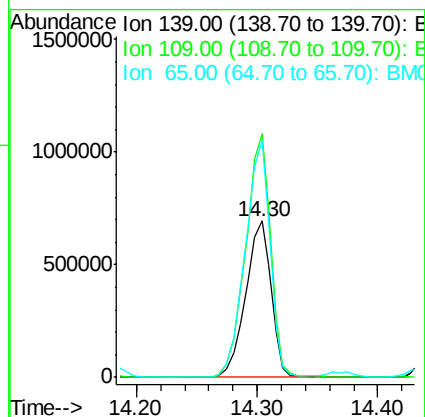
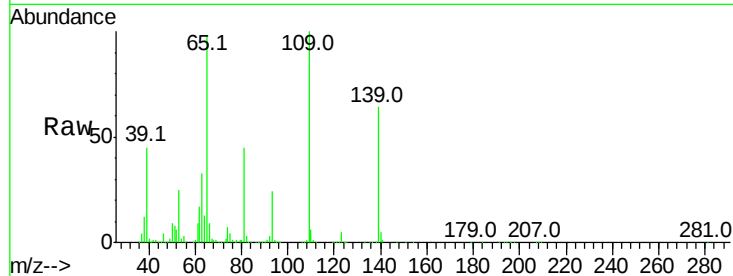
#55
4-Nitrophenol
Concen: 98.895 ng
RT: 14.30 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion:139 Resp: 1024686
Ion Ratio Lower Upper
139 100
109 155.5 130.0 170.0
65 151.7 130.0 170.0

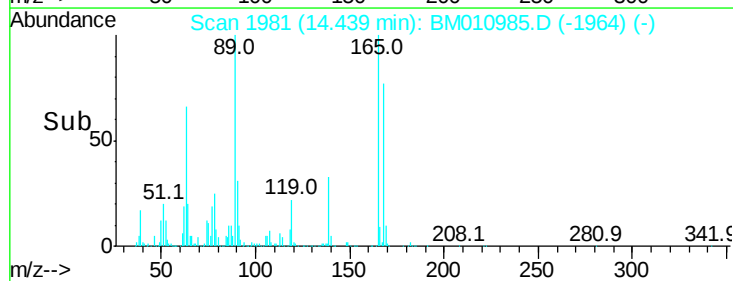
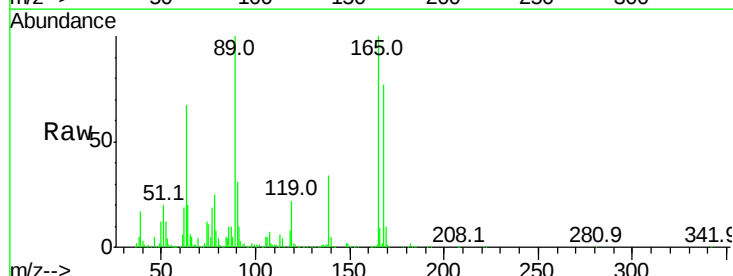
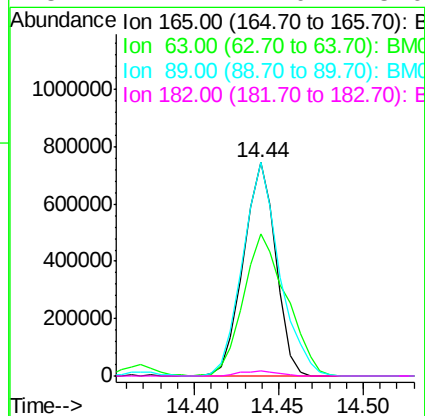
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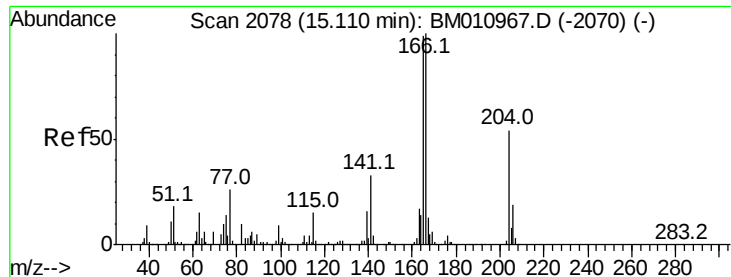
Sohil
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#56
2,4-Dinitrotoluene
Concen: 52.258 ng
RT: 14.44 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion:165 Resp: 997033
Ion Ratio Lower Upper
165 100
63 66.9 52.4 78.6
89 100.1 72.4 108.6
182 2.4 2.0 3.0





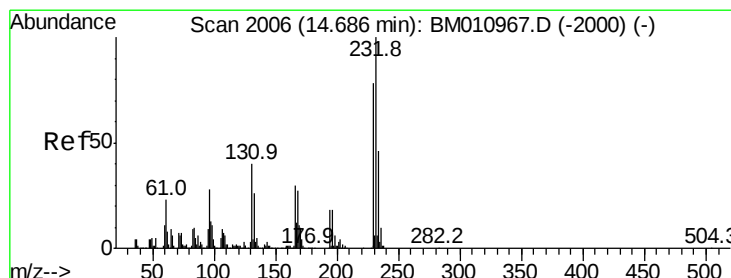
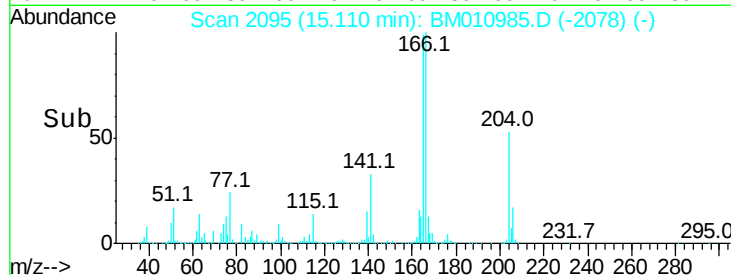
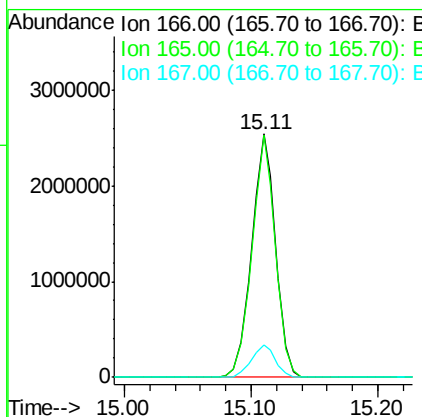
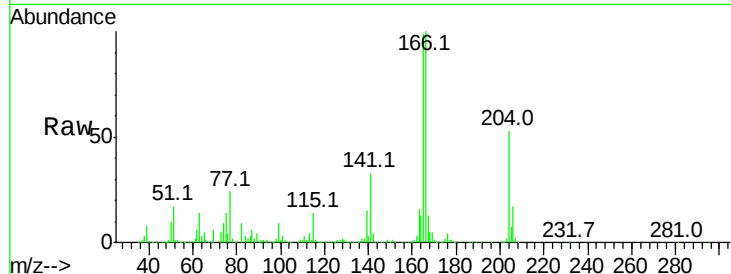
#57
Fluorene
Concen: 50.957 ng
RT: 15.11 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion:166 Resp: 3324782
Ion Ratio Lower Upper
166 100
165 99.5 79.0 118.4
167 13.5 10.3 15.5

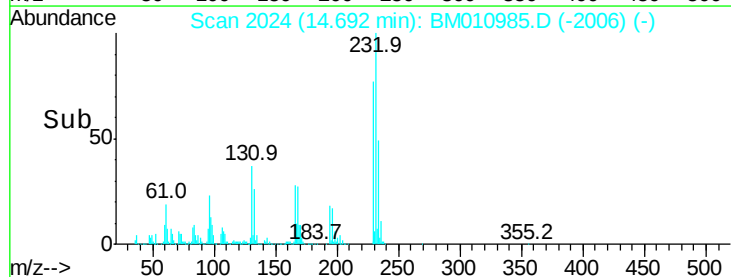
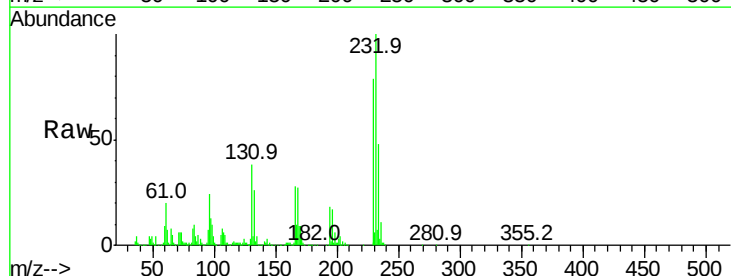
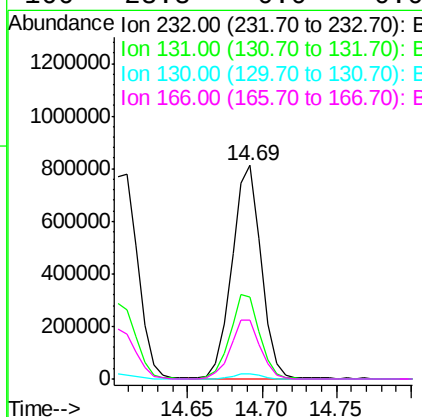
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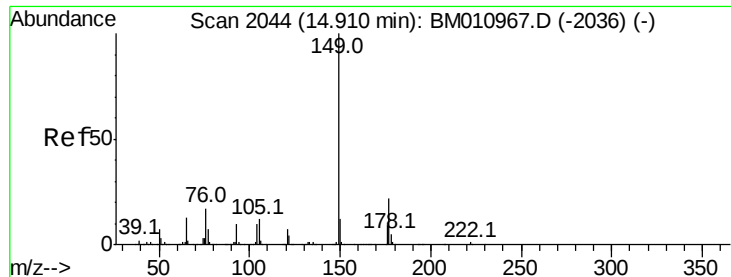
Sohil
7/27/2017 6:21:39 PM



#58
2,3,4,6-Tetrachlorophenol
Concen: 55.954 ng
RT: 14.69 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion:232 Resp: 1103520
Ion Ratio Lower Upper
232 100
131 39.9 0.0 0.0#
130 2.6 0.0 0.0#
166 28.8 0.0 0.0#





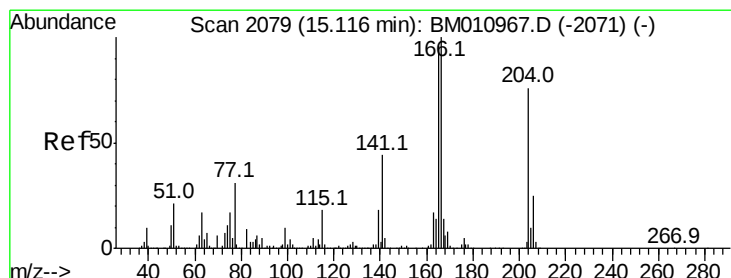
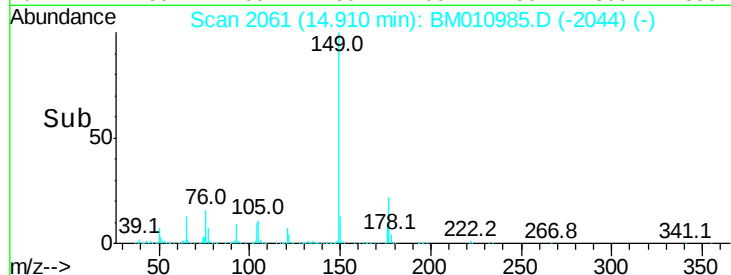
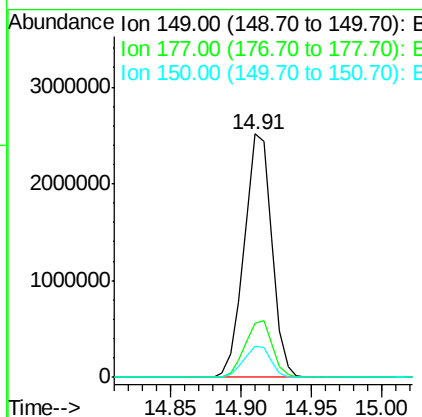
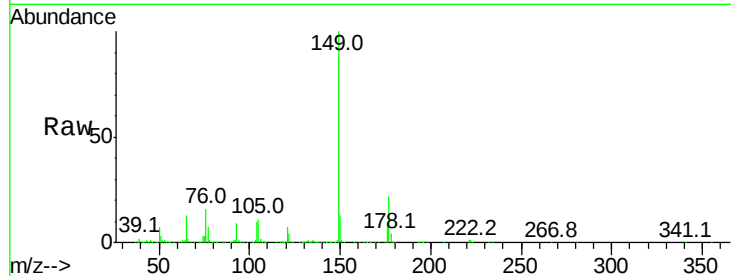
#59
Diethylphthalate
Concen: 50.214 ng
RT: 14.91 min Scan# 2061
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.3	27.5
150	12.8	9.8	14.8

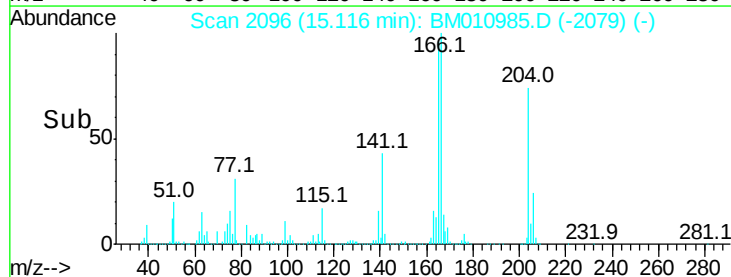
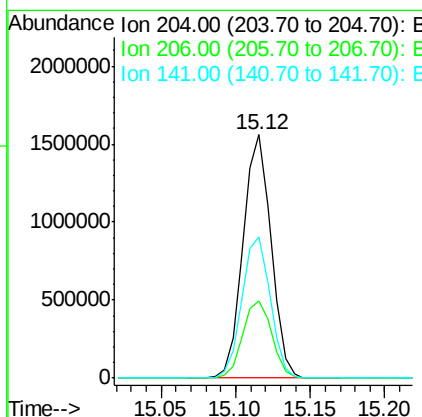
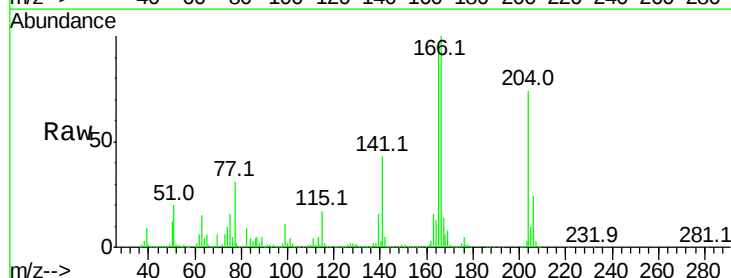
Manual Integrations
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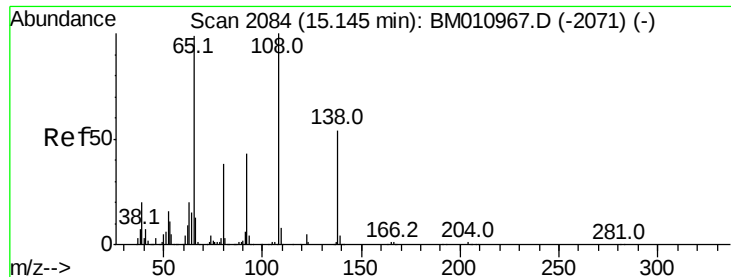
Sohil
7/27/2017 6:21:39 PM



#60
4-Chlorophenyl-phenylether
Concen: 51.167 ng
RT: 15.12 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	57.8	45.2	67.8





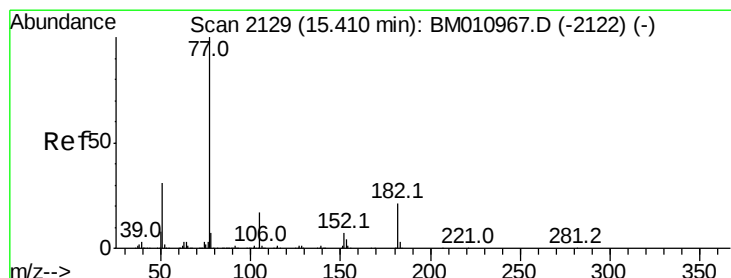
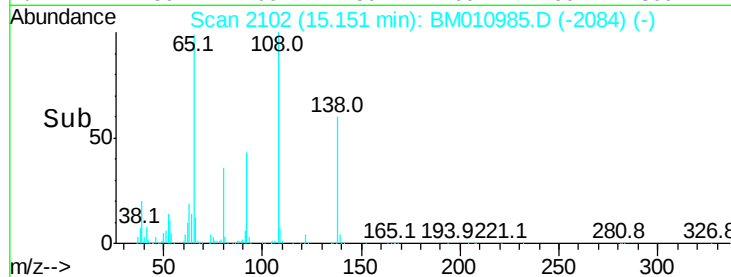
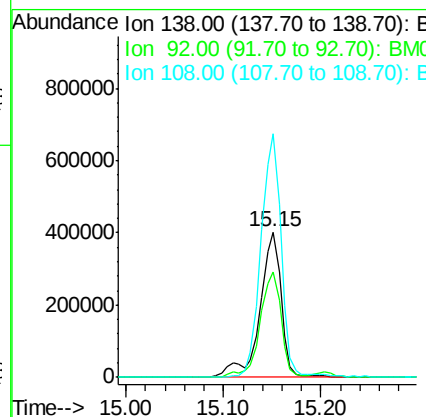
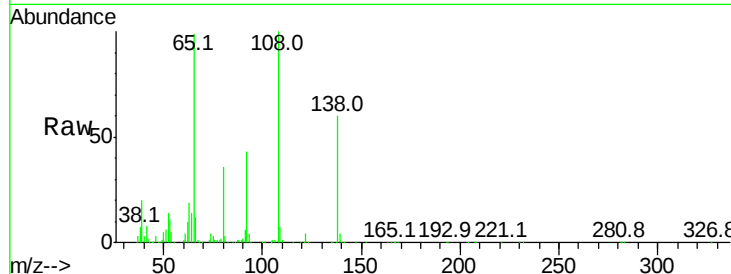
#61
4-Nitroaniline
Concen: 49.422 ng
RT: 15.15 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	72.4	16.7	56.7#
108	167.1	37.6	77.6#

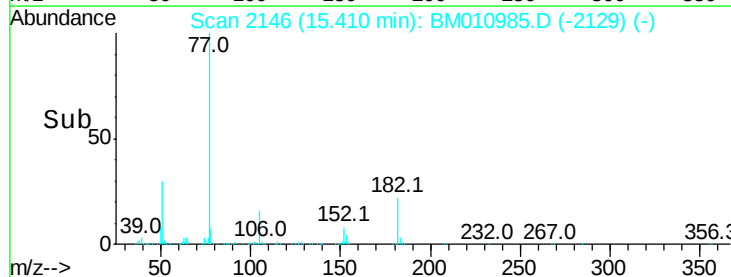
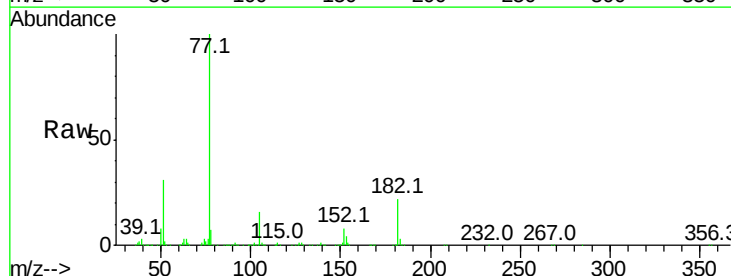
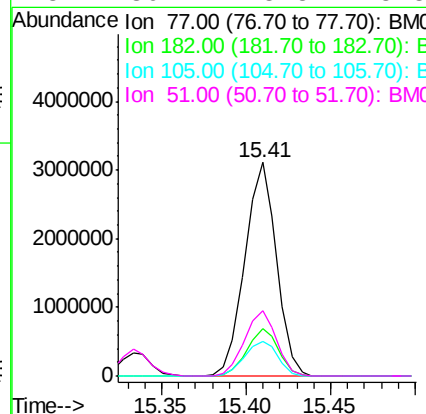
Manual Integrations
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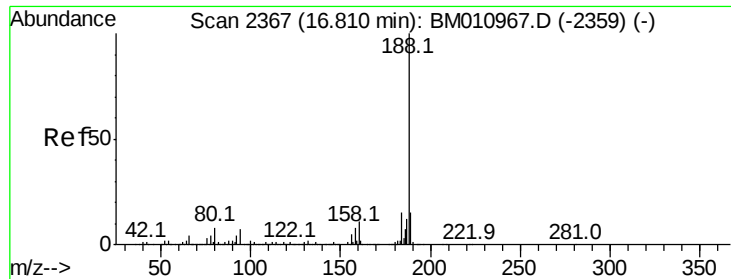
Sohil
7/27/2017 6:21:39 PM



#62
Azobenzene
Concen: 55.048 ng
RT: 15.41 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.4	6.5	46.5
105	16.4	3.8	43.8
51	30.7	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.81 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion:188 Resp: 1909166

Ion Ratio Lower Upper

188 100

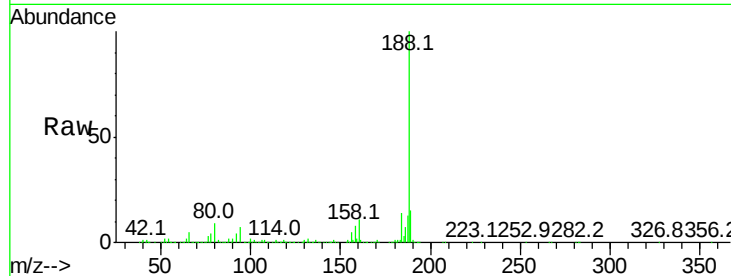
94 7.1 8.7 13.1#

80 8.5 9.3 13.9#

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Sohil

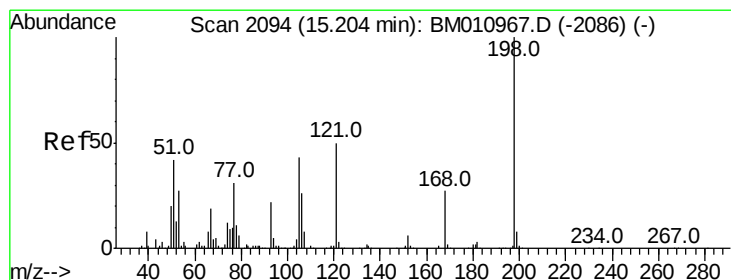
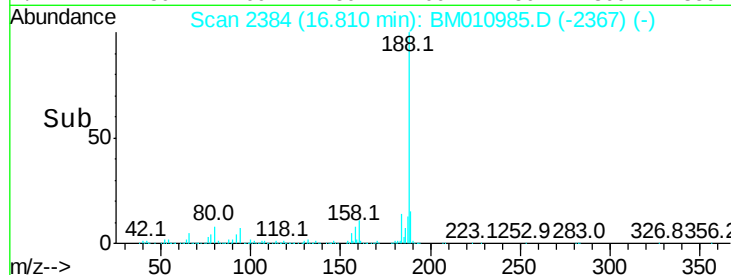
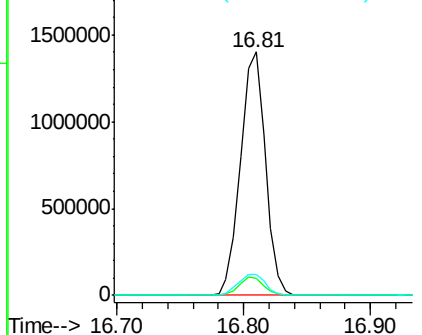
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 49.412 ng

RT: 15.20 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

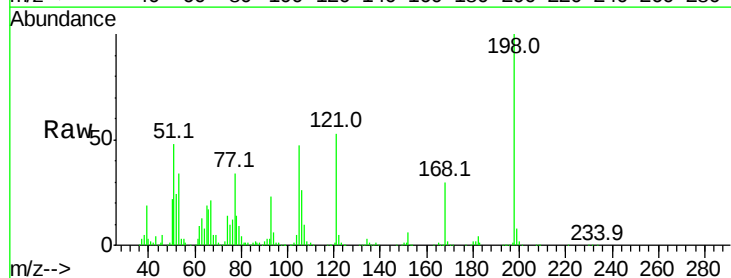
Tgt Ion:198 Resp: 638639

Ion Ratio Lower Upper

198 100

51 47.8 28.8 68.8

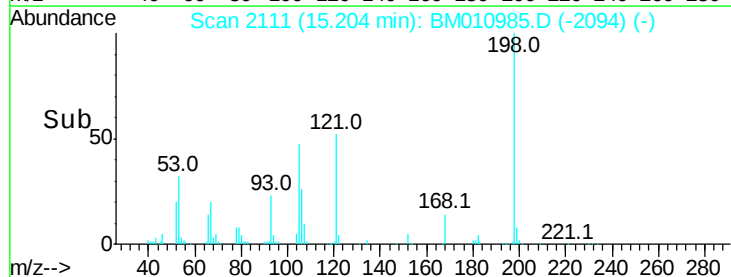
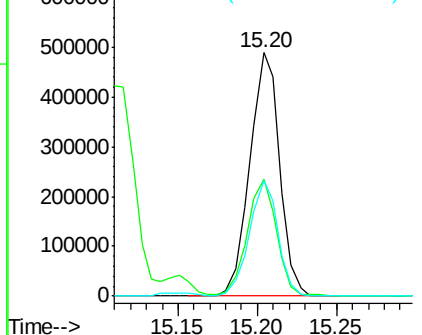
105 47.3 30.5 70.5

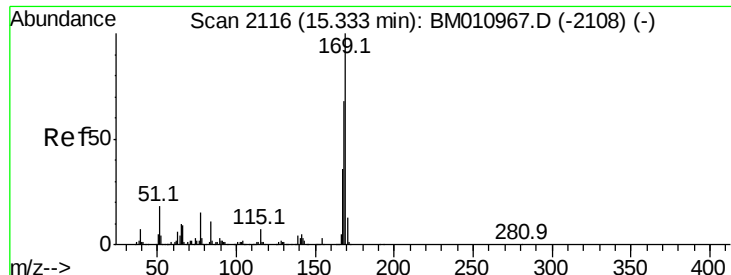


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





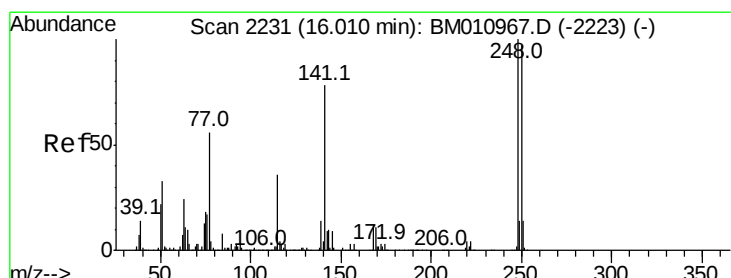
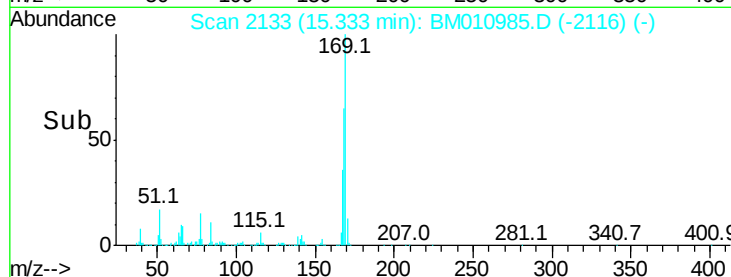
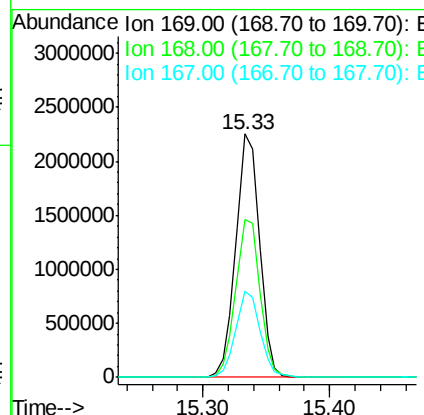
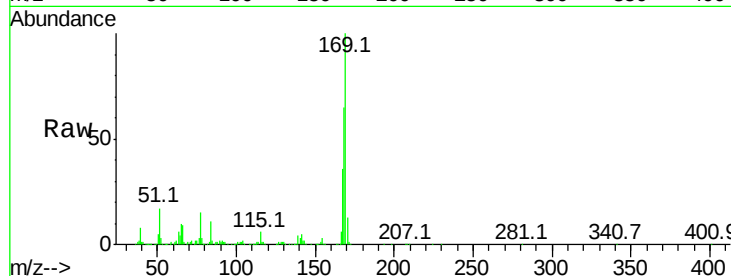
#65
n-Nitrosodiphenylamine
Concen: 53.101 ng
RT: 15.33 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion:169 Resp: 2901319
Ion Ratio Lower Upper
169 100
168 65.1 53.9 80.9
167 35.6 28.9 43.3

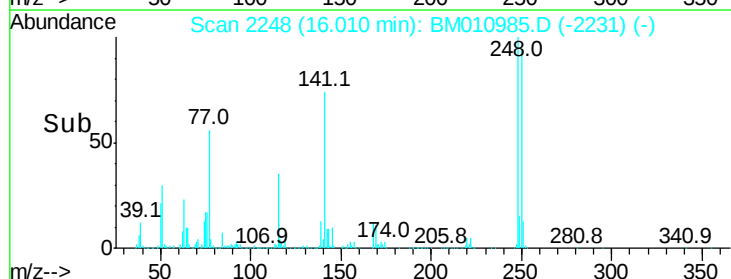
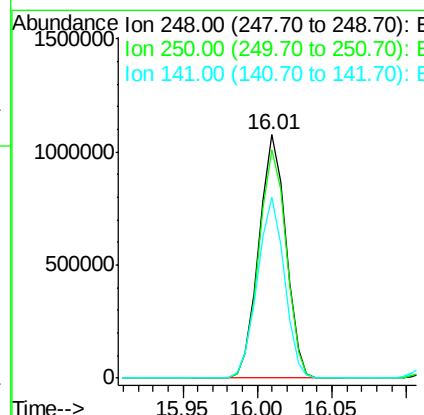
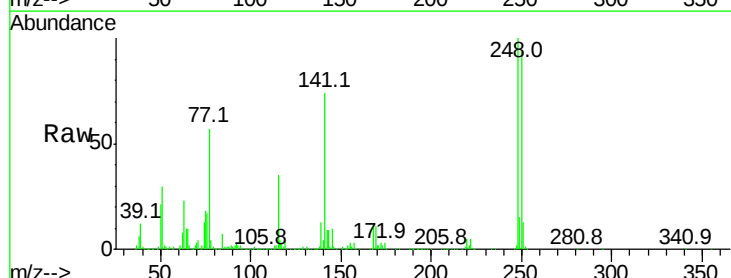
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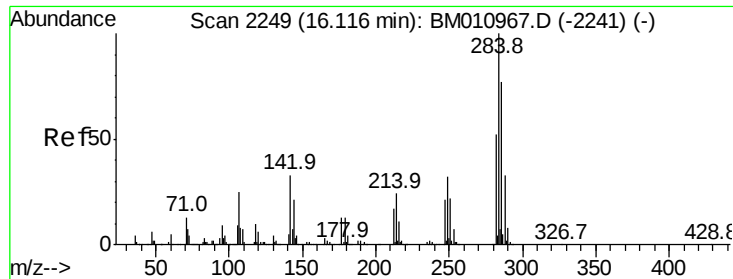
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 54.736 ng
RT: 16.01 min Scan# 2248
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion:248 Resp: 1343408
Ion Ratio Lower Upper
248 100
250 93.5 77.4 116.0
141 74.3 45.2 67.8#





#67

Hexachlorobenzene

Concen: 49.719 ng

RT: 16.12 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion:284 Resp: 1378884

Ion Ratio Lower Upper

284 100

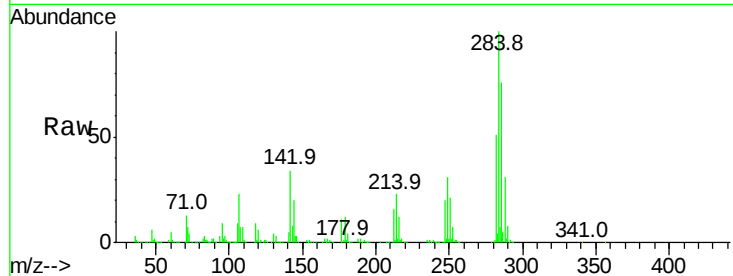
142 33.5 20.4 30.6#

249 31.1 23.8 35.6

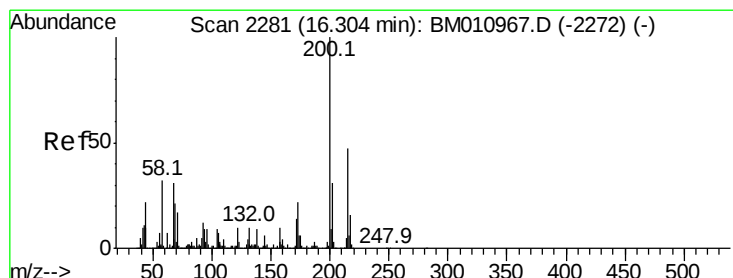
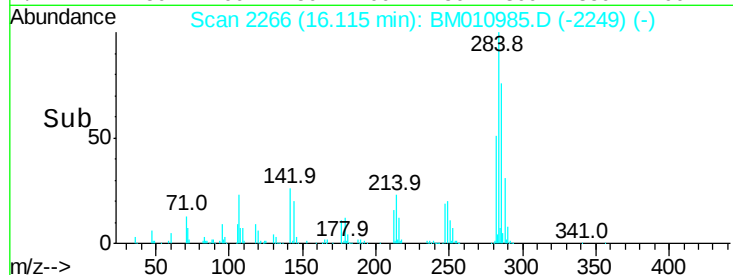
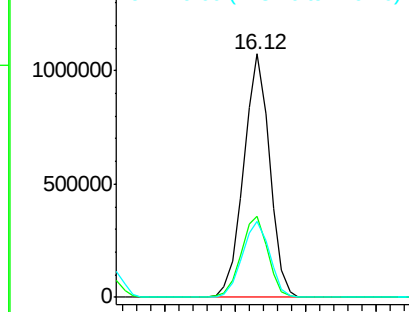
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 54.208 ng

RT: 16.30 min Scan# 2298

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

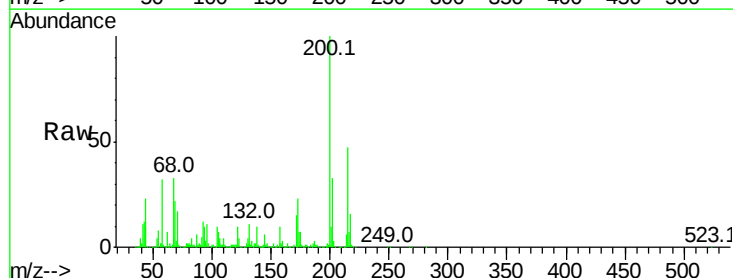
Tgt Ion:200 Resp: 1186909

Ion Ratio Lower Upper

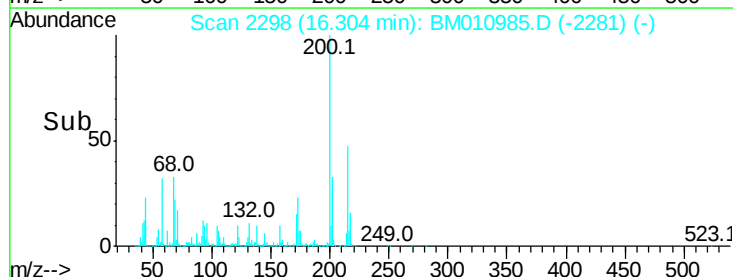
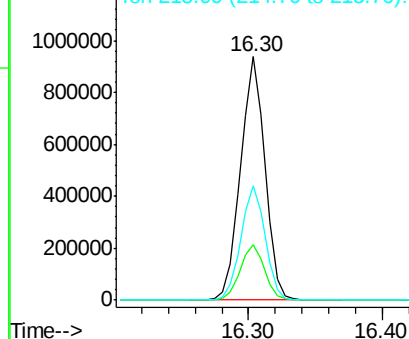
200 100

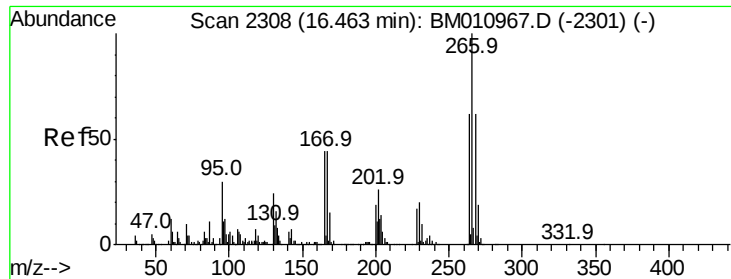
173 22.7 4.8 44.8

215 46.8 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 98.546 ng

RT: 16.46 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion:266 Resp: 1735144

Ion Ratio Lower Upper

266 100

268 64.3 52.0 78.0

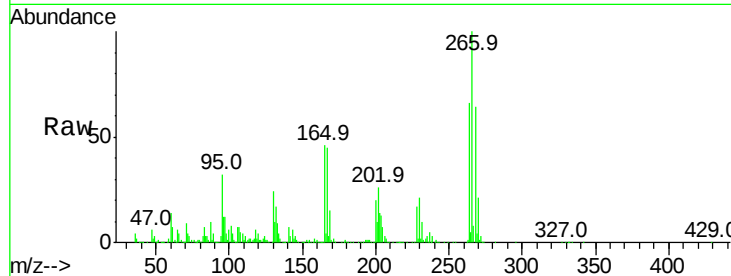
264 66.3 49.0 73.4

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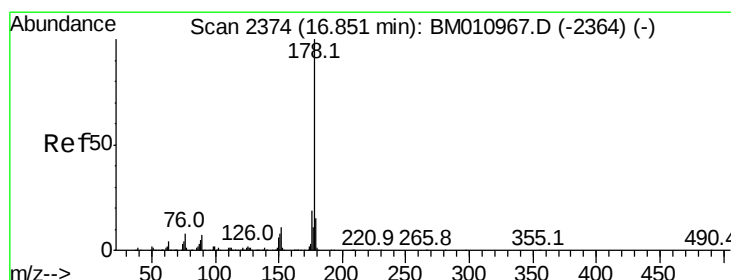
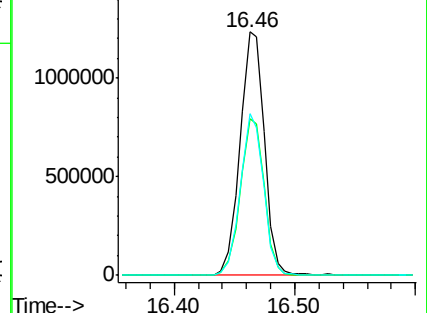
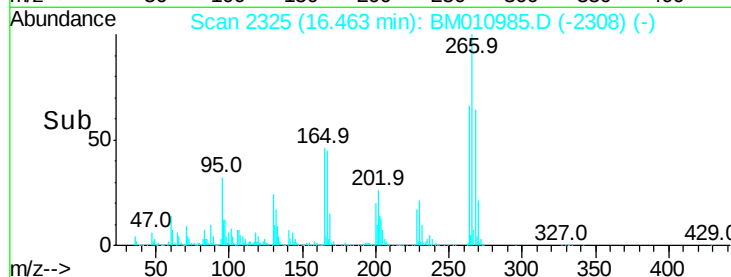
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 53.996 ng

RT: 16.85 min Scan# 2391

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

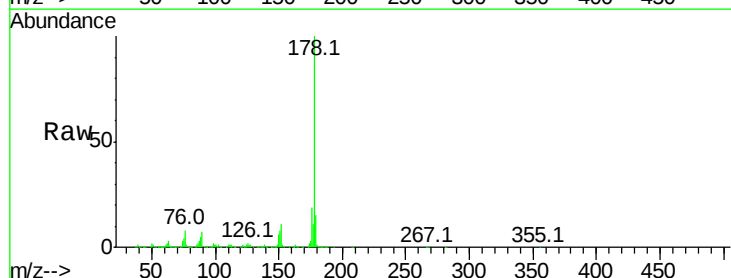
Tgt Ion:178 Resp: 5397907

Ion Ratio Lower Upper

178 100

176 18.8 15.2 22.8

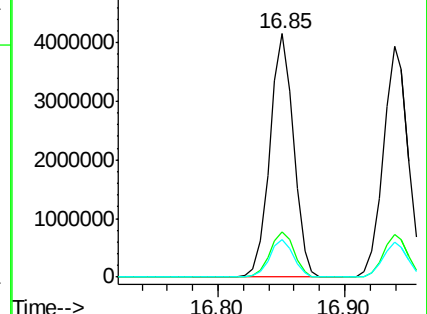
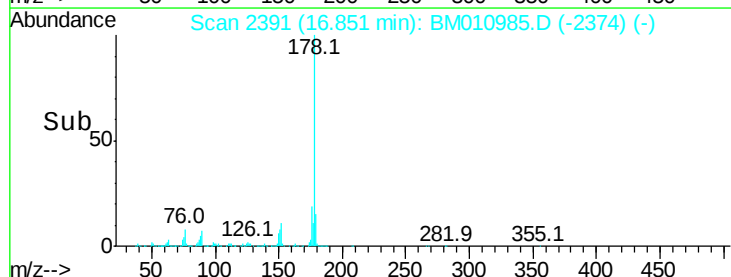
179 15.2 12.1 18.1

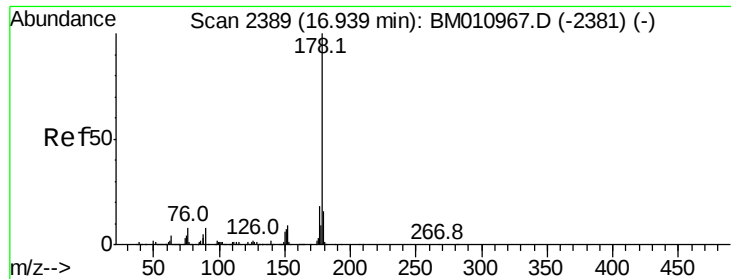


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





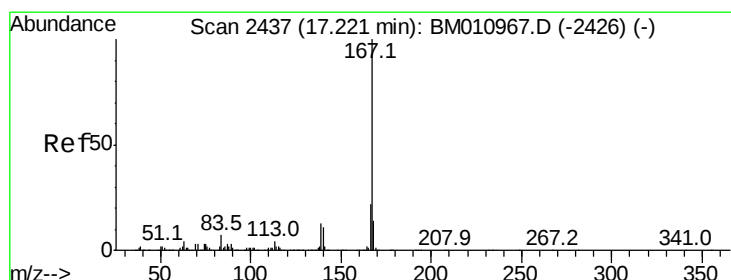
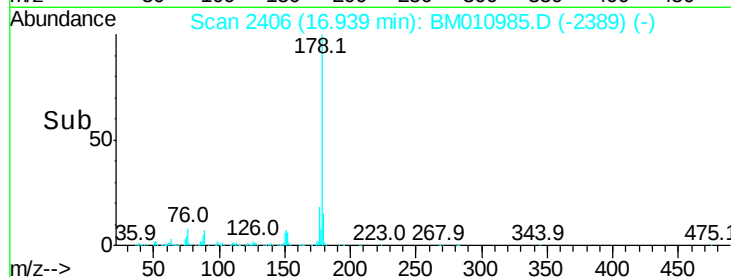
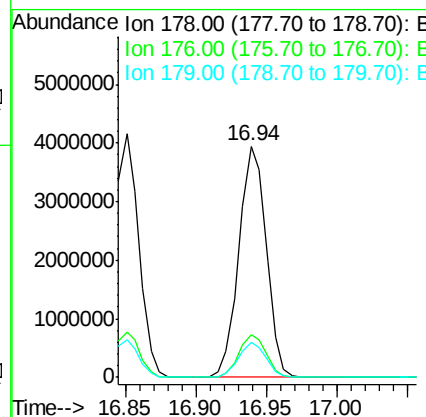
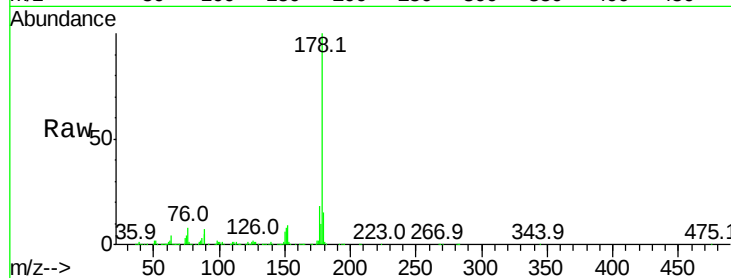
#71
 Anthracene
 Concen: 53.592 ng
 RT: 16.94 min Scan# 2406
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BSD

Tot Ion:178 Resp: 5343060
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.6 22.0
 179 15.3 12.6 19.0

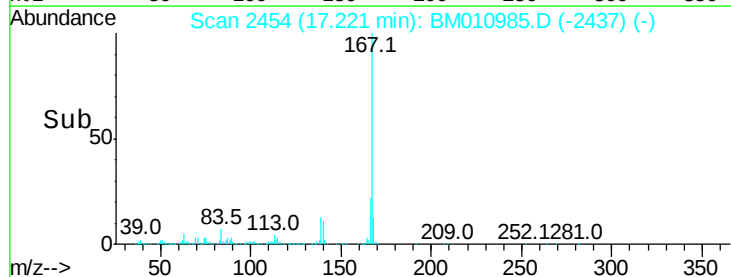
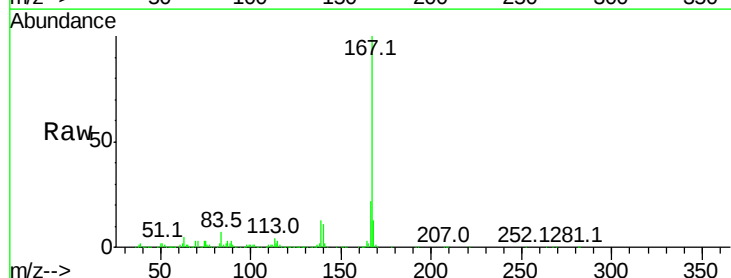
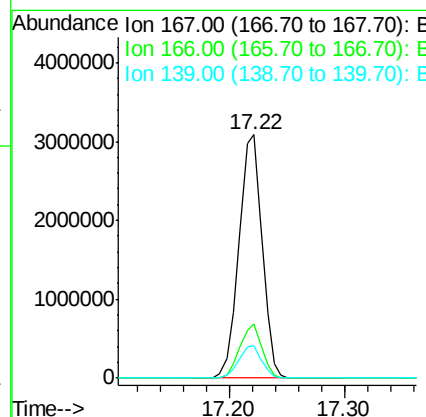
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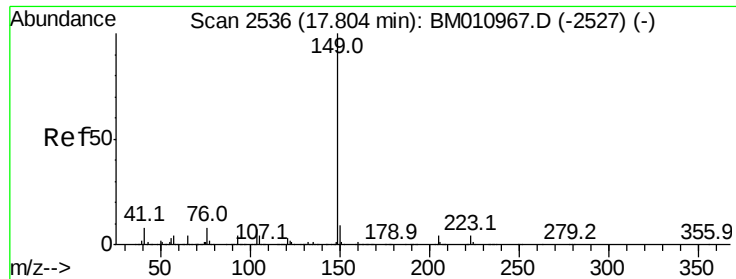
Sohil
 7/27/2017 6:21:39 PM



#72
 Carbazole
 Concen: 49.310 ng
 RT: 17.22 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Tgt Ion:167 Resp: 4299323
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.1 10.8 16.2





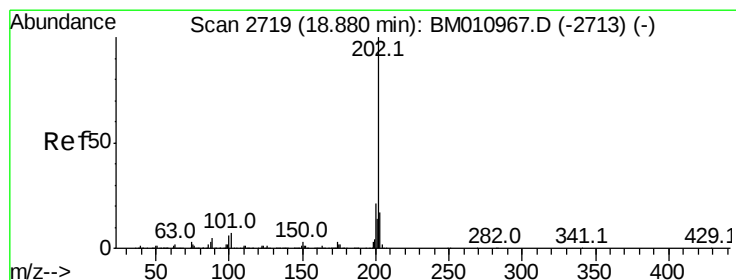
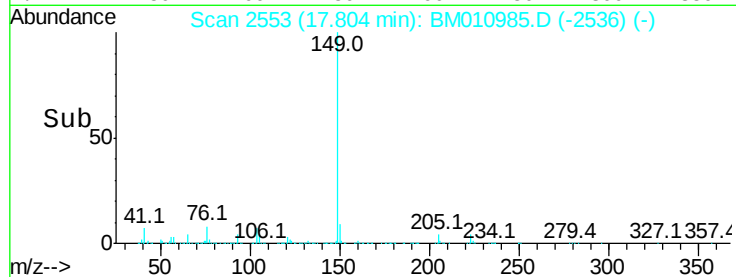
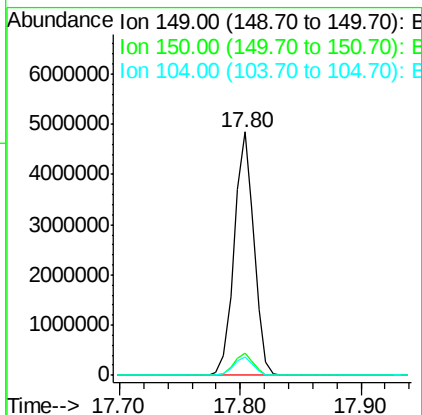
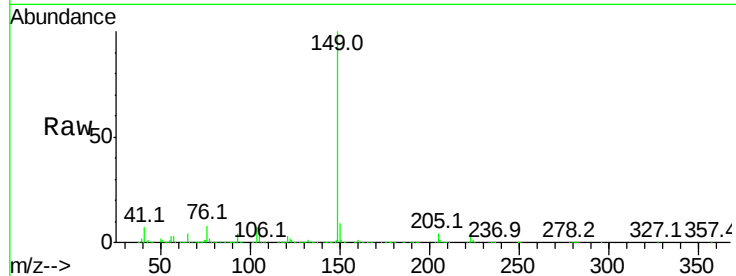
#73
Di-n-butylphthalate
Concen: 51.696 ng
RT: 17.80 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.5	11.3
104	7.4	3.7	5.5

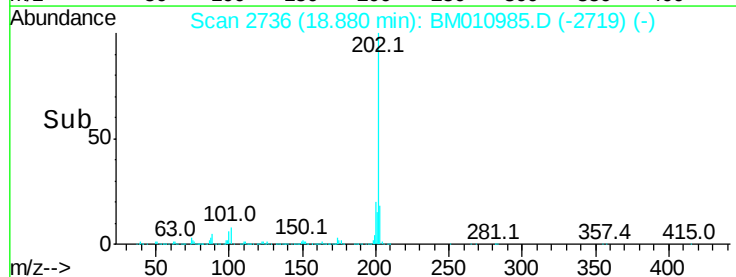
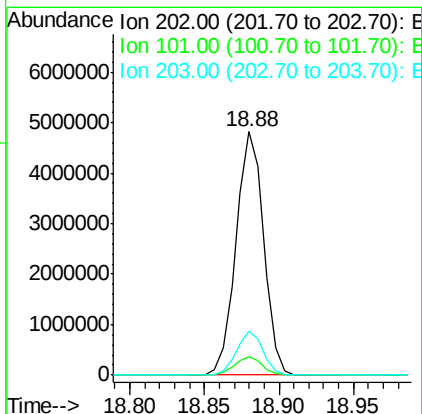
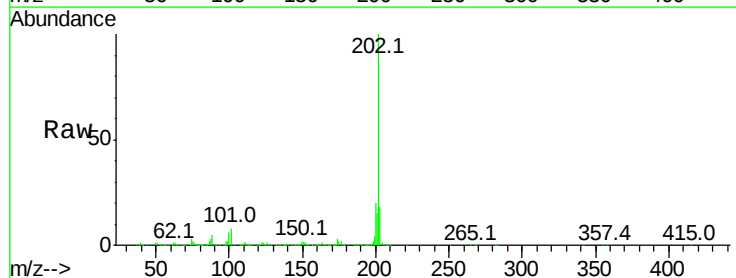
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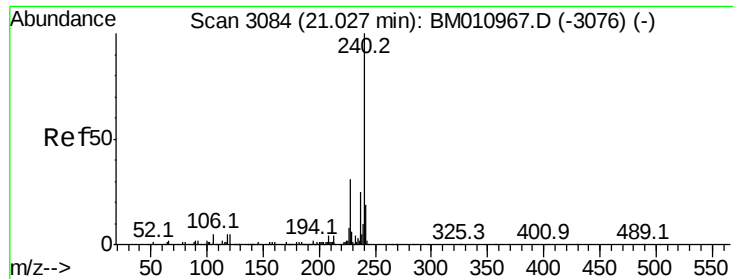
Sohil
7/27/2017 6:21:39 PM



#74
Fluoranthene
Concen: 50.150 ng
RT: 18.88 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	28.7
203	17.9	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion:240 Resp: 1658693

Ion Ratio Lower Upper

240 100

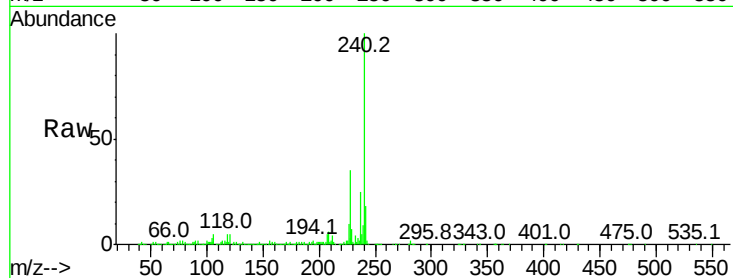
120 5.2 8.2 12.2#

236 25.1 20.0 30.0

Manual Integrations
APPROVED

Sohil

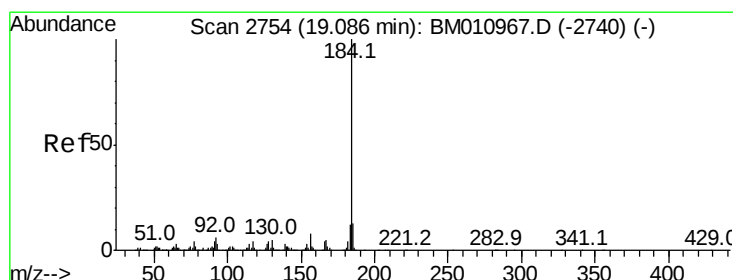
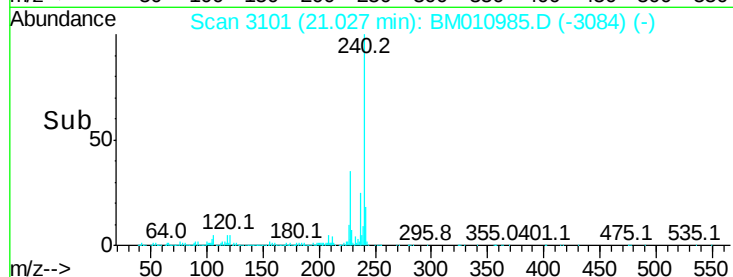
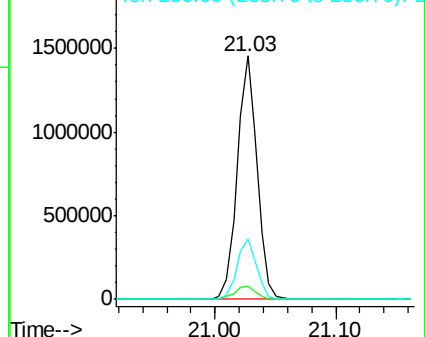
7/27/2017 6:21:39 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 74.057 ng

RT: 19.09 min Scan# 2771

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

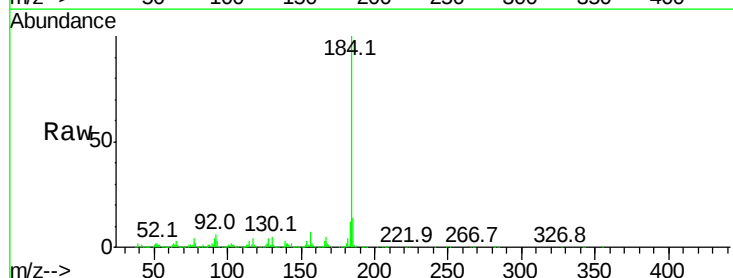
Tgt Ion:184 Resp: 2938632

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

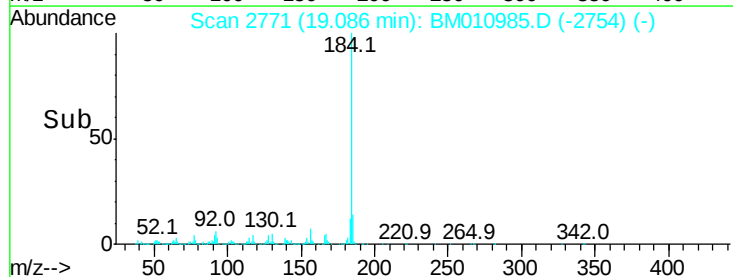
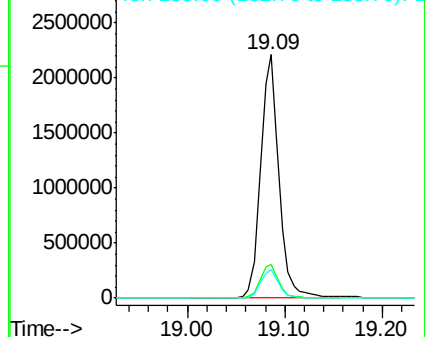
183 11.5 8.9 13.3

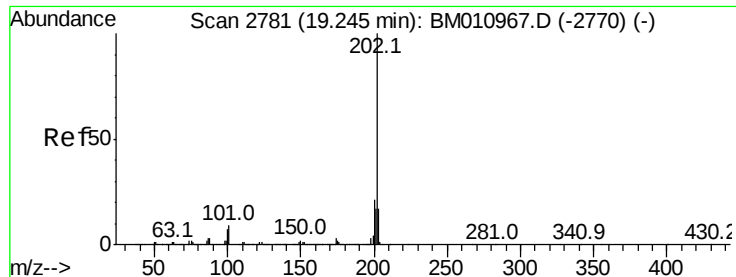


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 61.733 ng

RT: 19.24 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

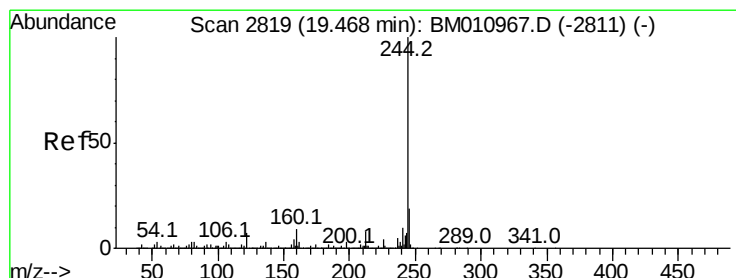
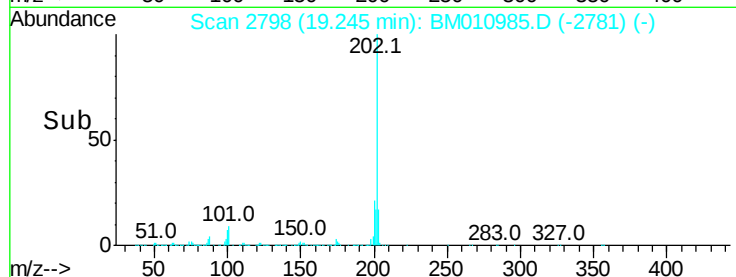
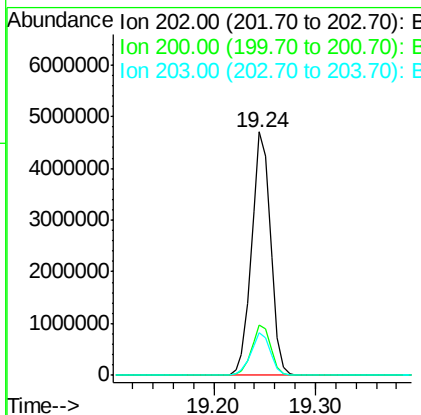
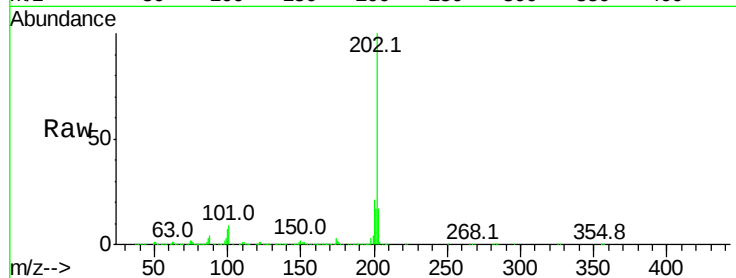
PB100891BSD

Tot Ion:202 Resp: 6084280

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.5	14.1	21.1

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#78

Terphenyl-d14

Concen: 110.798 ng

RT: 19.47 min Scan# 2836

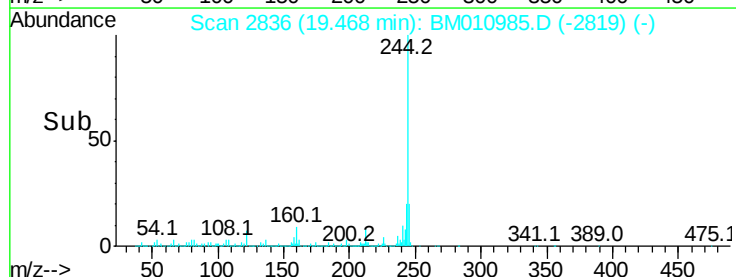
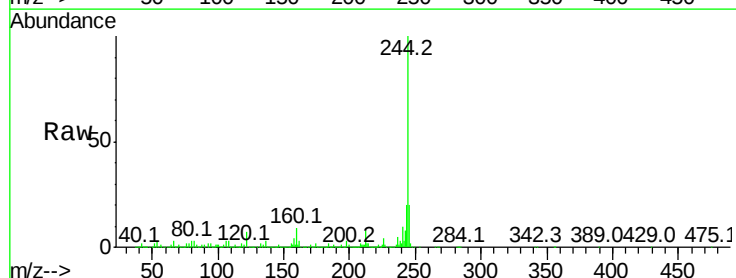
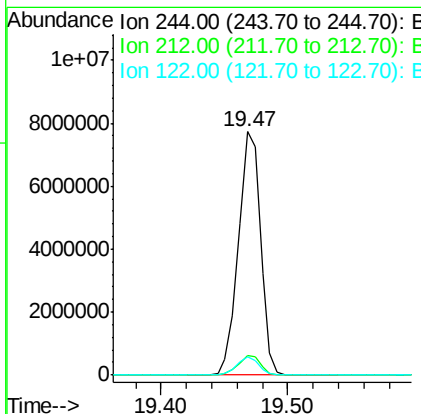
Delta R.T. -0.00 min

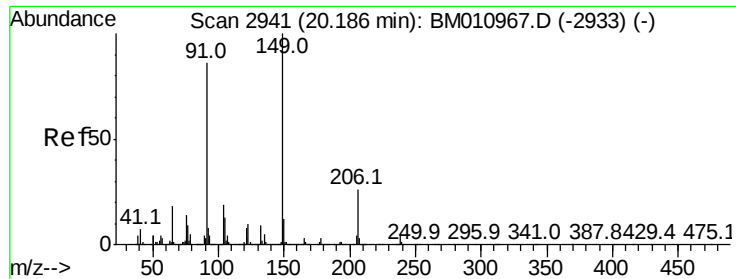
Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Tgt Ion:244 Resp: 9277723

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.9	7.3#
122	7.4	6.2	9.4





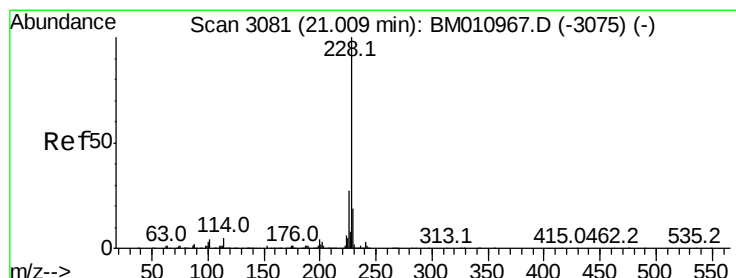
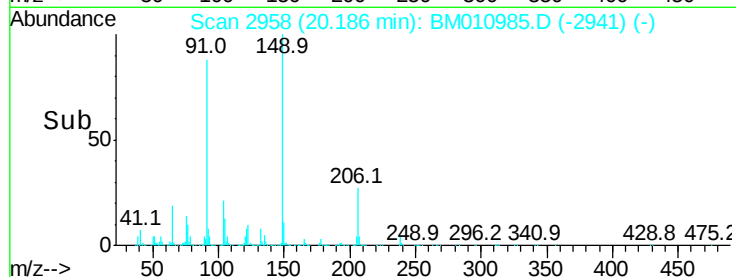
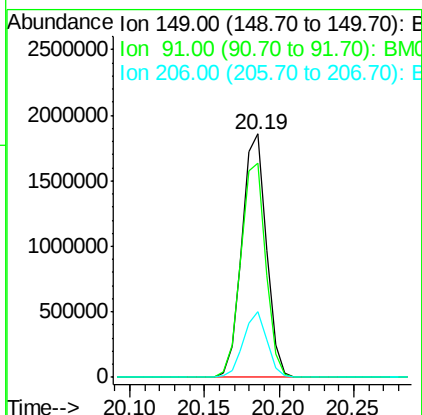
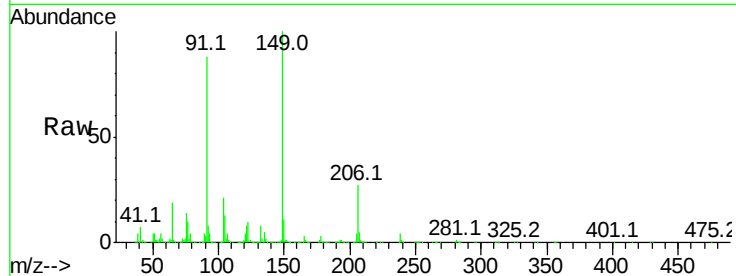
#79
Butylbenzylphthalate
Concen: 59.991 ng
RT: 20.19 min Scan# 2958
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	88.0	50.1	75.1#
206	27.2	16.2	24.2#

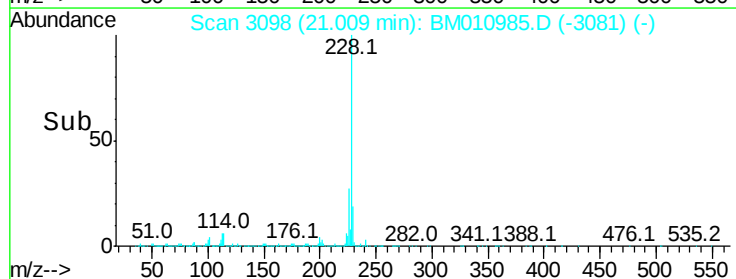
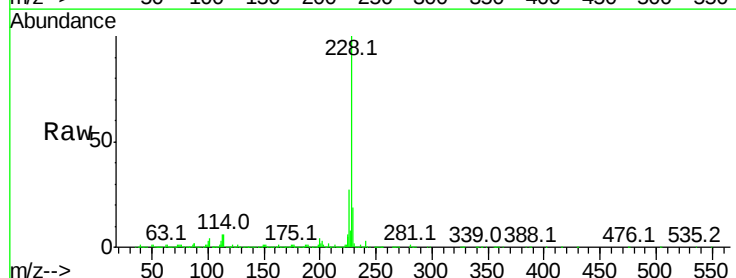
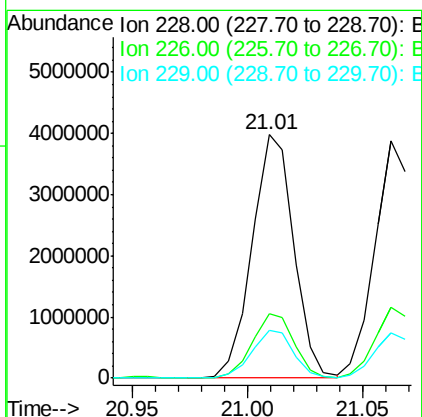
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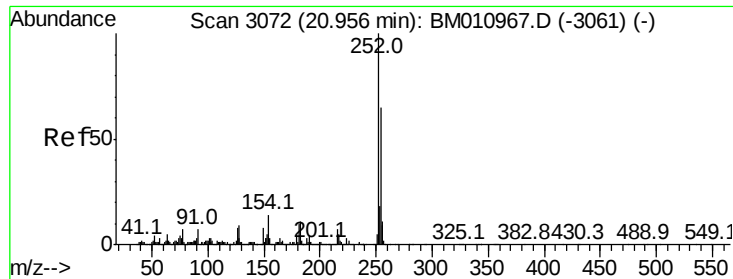
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#80
Benzo(a)anthracene
Concen: 52.756 ng
RT: 21.01 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.7	32.5
229	19.5	16.0	24.0





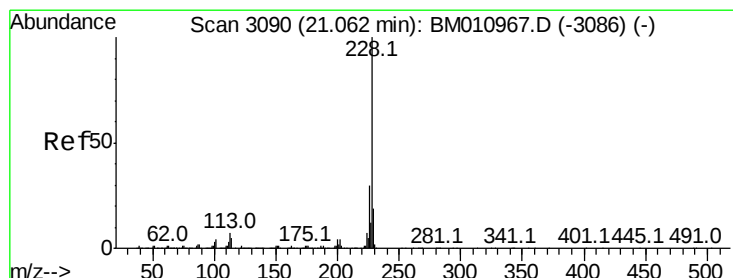
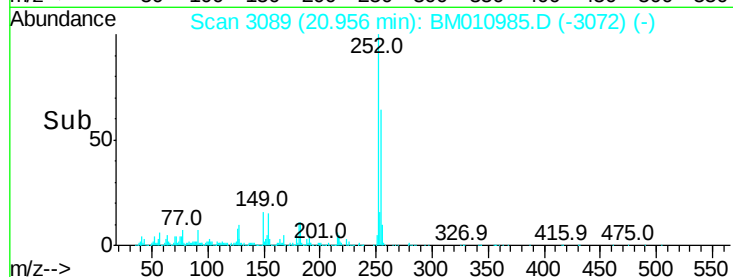
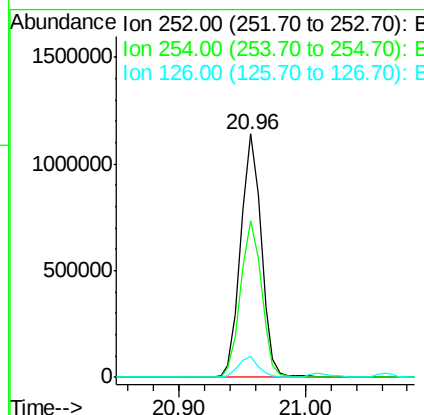
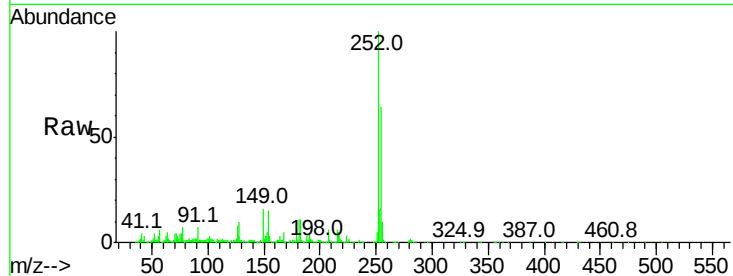
#81
 3,3'-Dichlorobenzidine
 Concen: 34.500 ng
 RT: 20.96 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Instrument :
 BNA_M
 ClientSampleId :
 PB100891BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.9	77.9
126	8.5	9.8	14.8

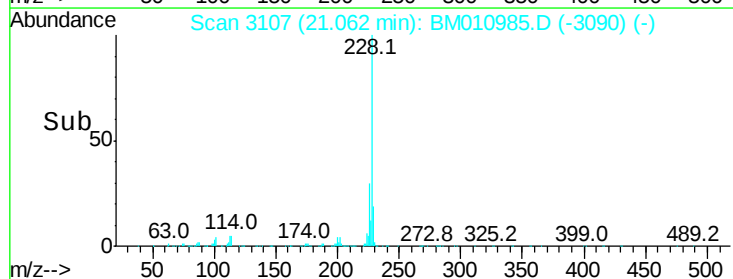
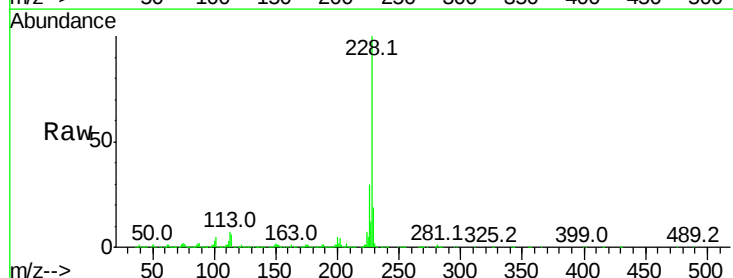
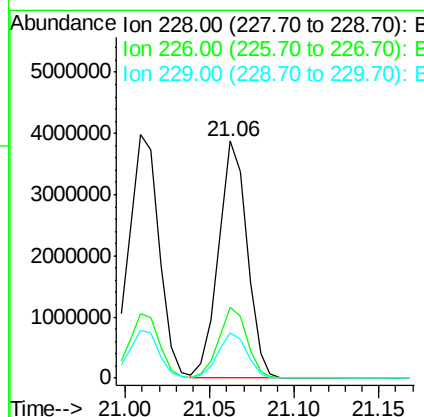
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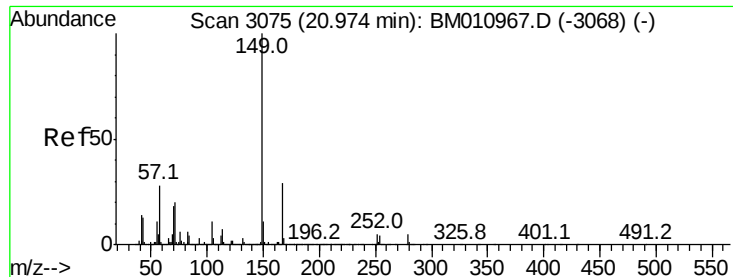
Sohil
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#82
 Chrysene
 Concen: 50.470 ng
 RT: 21.06 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BM010985.D
 Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	19.2	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.693 ng

RT: 20.97 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Tot Ion:149 Resp: 2871406

Ion Ratio Lower Upper

149 100

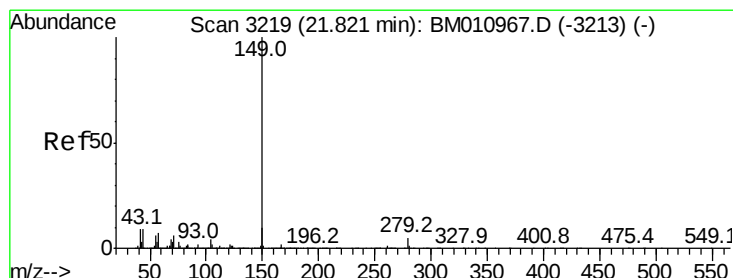
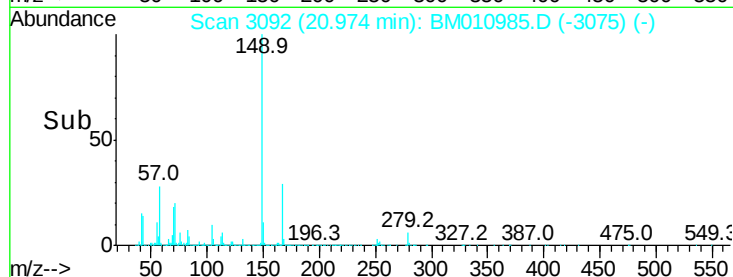
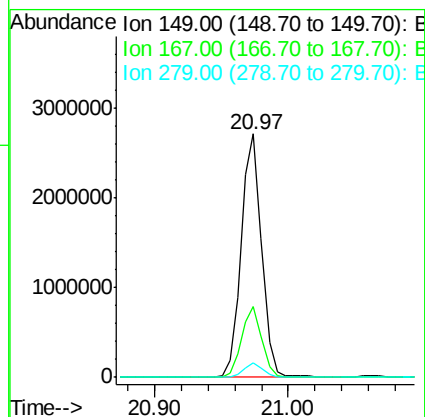
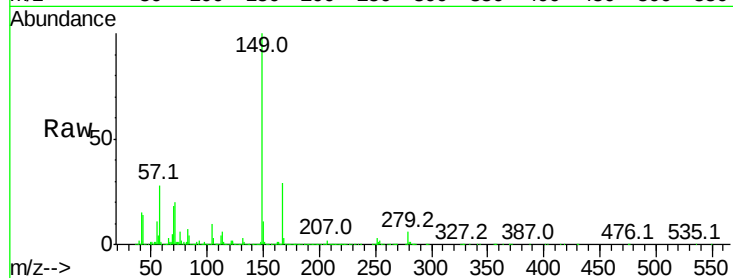
167 29.0 22.4 33.6

279 5.7 3.4 5.0#

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#84

Di-n-octyl phthalate

Concen: 48.805 ng

RT: 21.82 min Scan# 3236

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

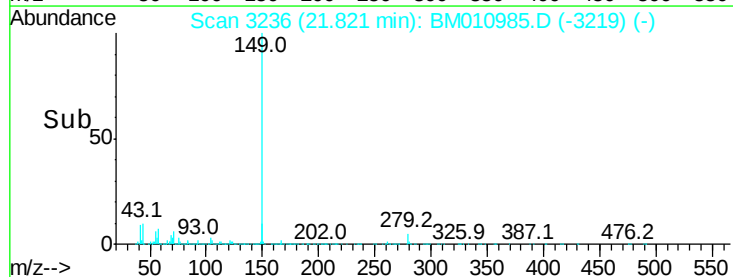
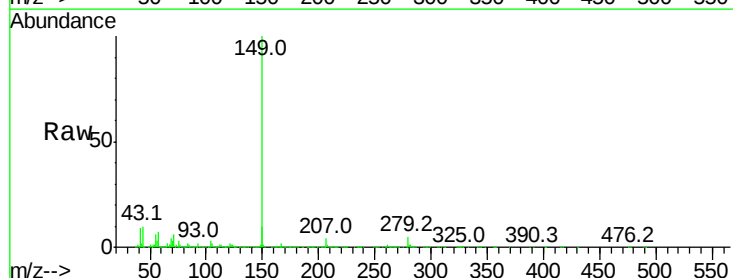
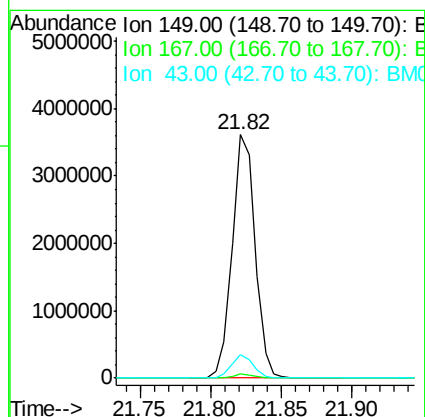
Tgt Ion:149 Resp: 4083986

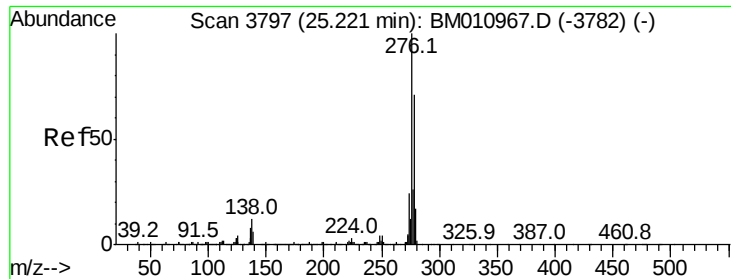
Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.3 7.3 10.9





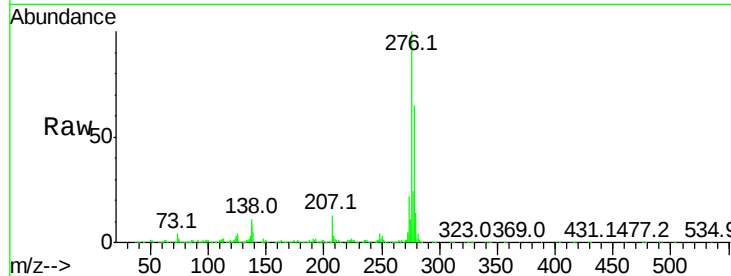
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.056 ng
RT: 25.21 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleID :
PB100891BSD

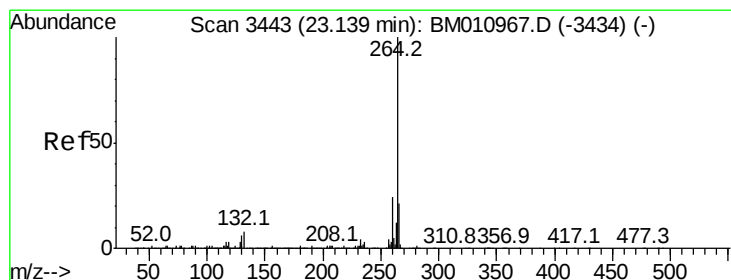
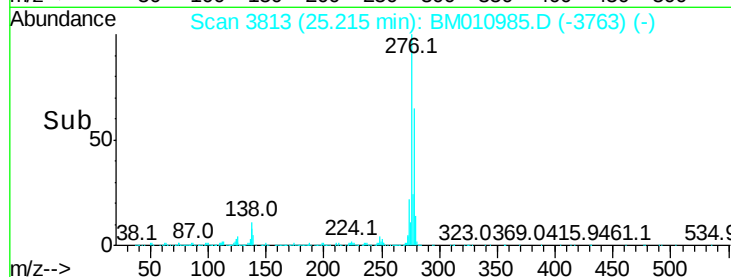
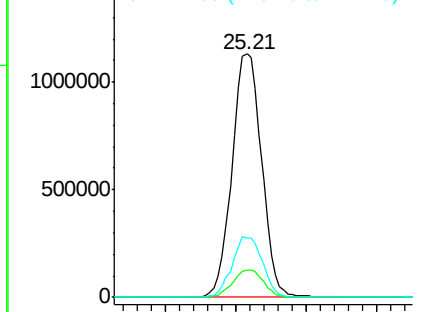
Tot Ion:276 Resp: 3300714
Ion Ratio Lower Upper
276 100
138 11.6 12.0 18.0#
277 25.4 20.0 30.0

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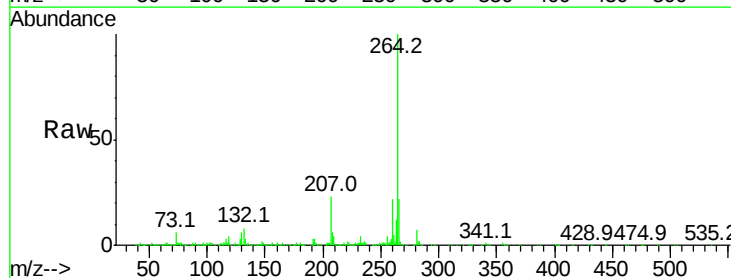


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

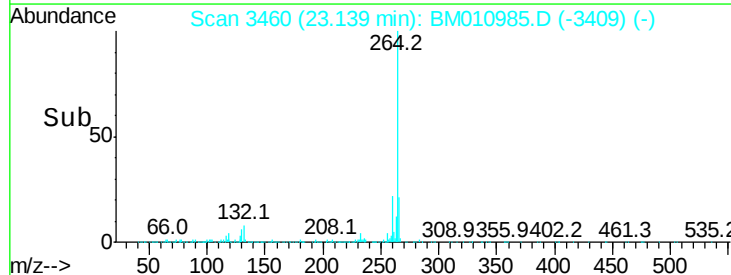
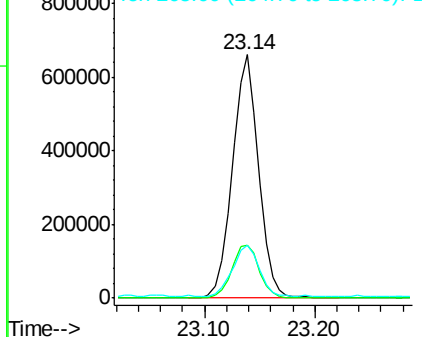


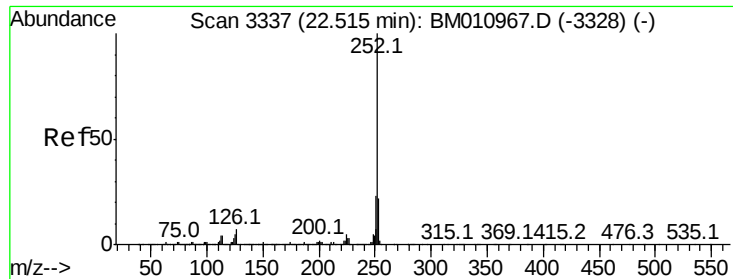
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3460
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion:264 Resp: 1096714
Ion Ratio Lower Upper
264 100
260 21.9 18.6 27.8
265 21.9 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: 56.063 ng

RT: 22.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Instrument :

BNA_M

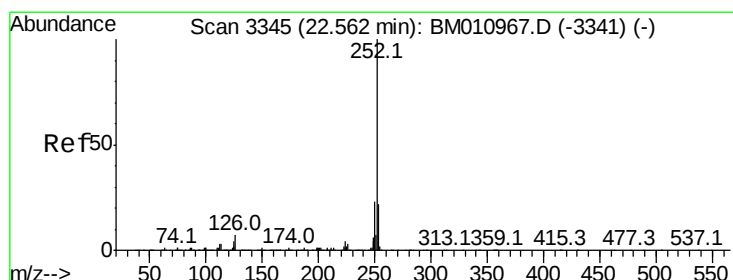
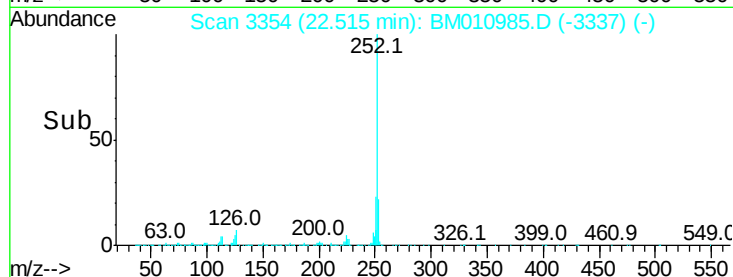
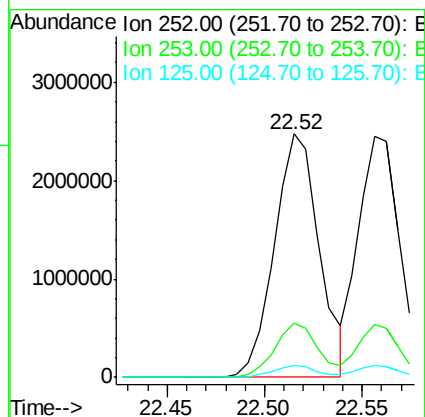
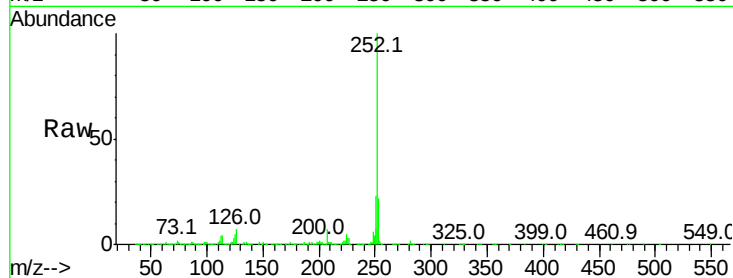
ClientSampleId :

PB100891BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	5.1	9.9	14.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 53.144 ng

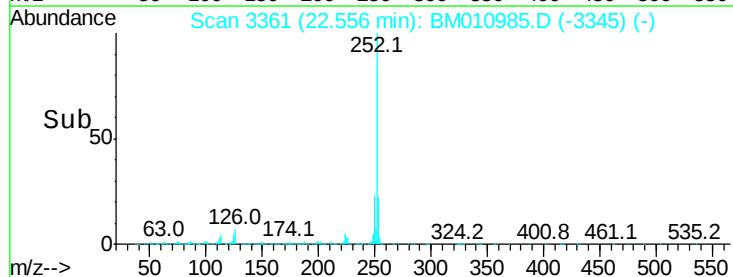
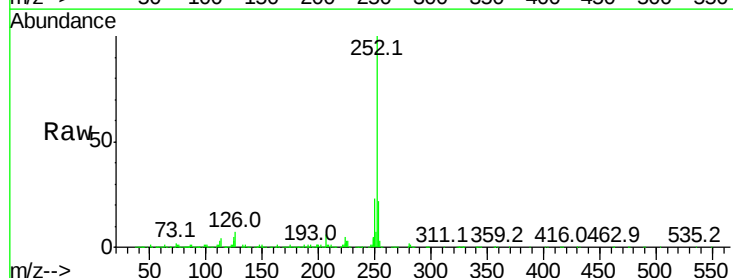
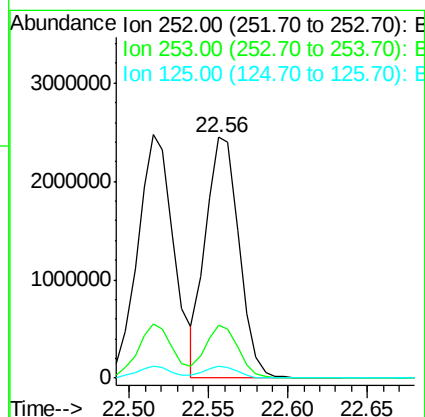
RT: 22.56 min Scan# 3361

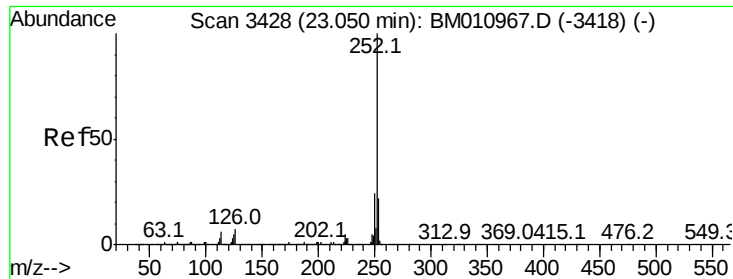
Delta R.T. -0.01 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	4.7	8.1	12.1





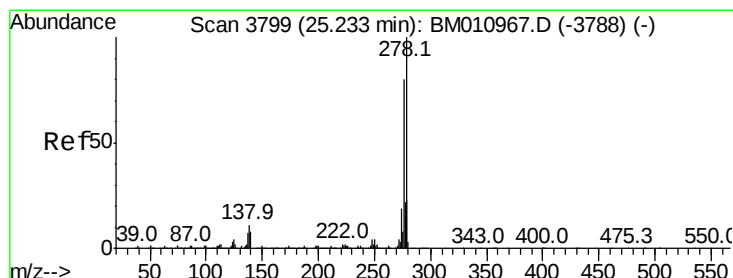
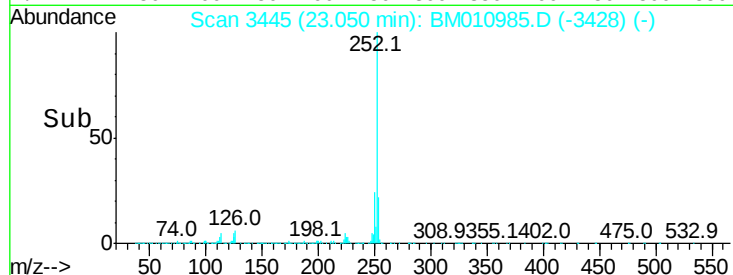
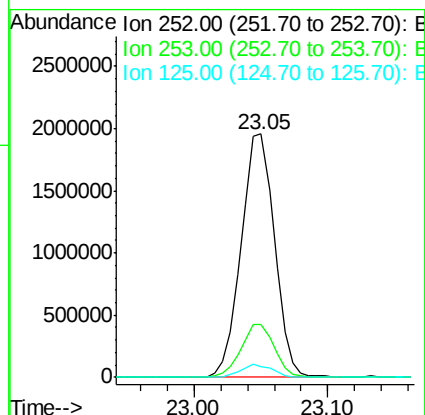
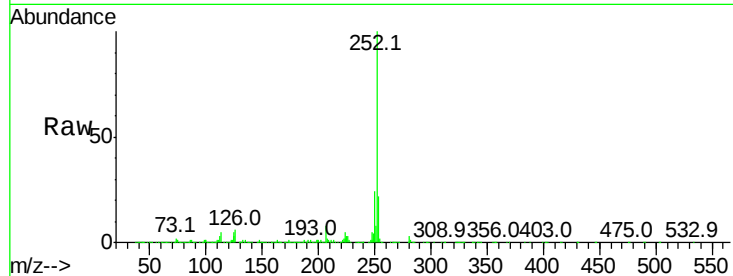
#89
Benzo(a)pyrene
Concen: 53.057 ng
RT: 23.05 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Instrument :
BNA_M
ClientSampleId :
PB100891BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	4.6	7.4	11.2

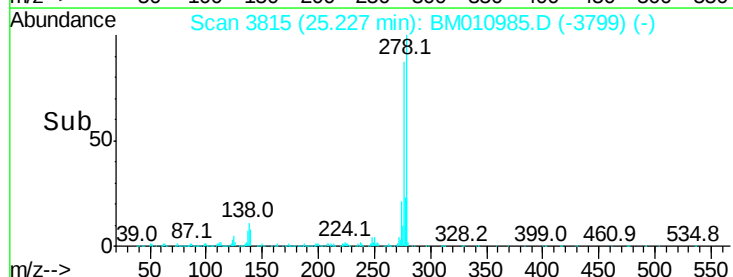
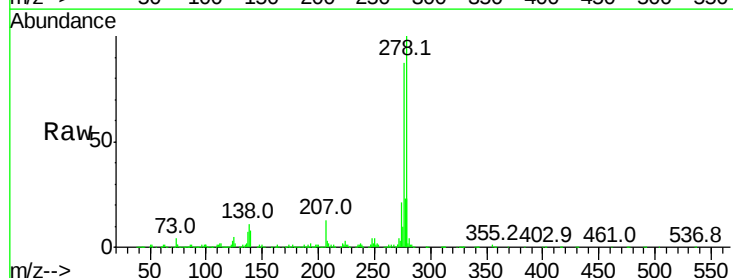
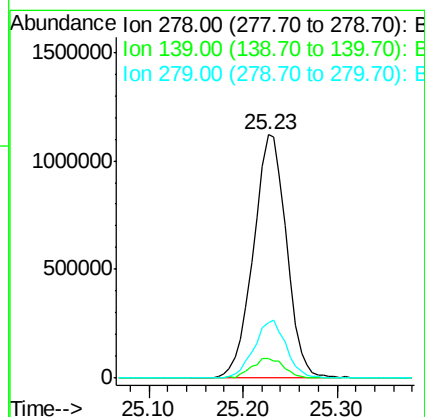
Manual Integrations
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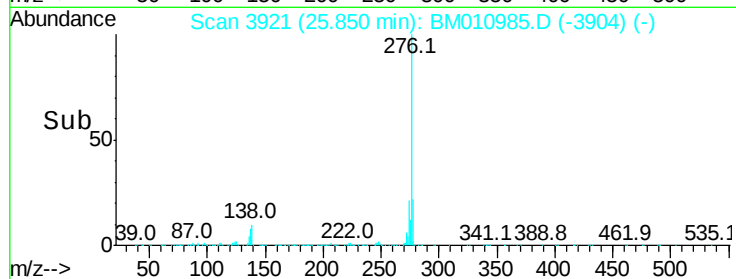
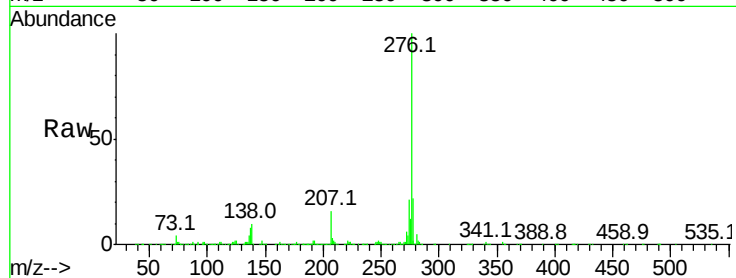
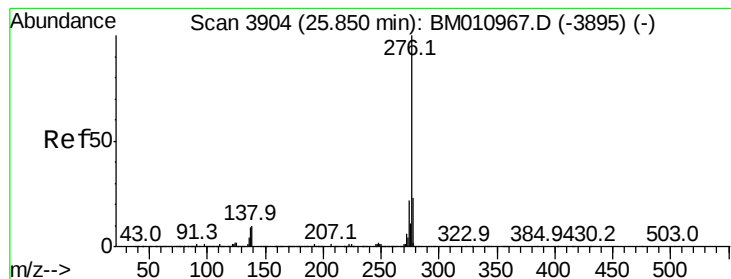
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 46.266 ng
RT: 25.23 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010985.D
Acq: 26 Jul 2017 23:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	7.8	13.4	20.0
279	22.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 46.673 ng

RT: 25.85 min Scan# 3921

Delta R.T. -0.00 min

Lab File: BM010985.D

Acq: 26 Jul 2017 23:48

Tot Ion: 276 Resp: 2706052

Ion Ratio Lower Upper

276 100

277 22.4 18.5 27.7

138 10.2 19.0 28.6#

Instrument :

BNA_M

ClientSampleId :

PB100891BSD

Manual Integrations
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